

State of Florida
Department of Transportation



CADD Manual

Production Criteria based on the Plans Preparation Manual (PPM)

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PRODUCTION SUPPORT OFFICE - CADD
TALLAHASSEE, FLORIDA

<http://www.fdot.gov/cadd/>

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Florida Department of Transportation
CADD Manual
Record of Changes as of December 1, 2017

NOTE: All headings and cover page changed to include update date. All links updated with new FDOT locations.
Cover Page - changed "(Production Criteria)" to "Production Criteria based on the Plans Preparation Manual (PPM)"

Chapter 1	Introduction
	No Change
Chapter 2	Computer Systems
2.5	Added new section: "OPTIMAL CADD HARDWARE REQUIREMENTS" with link
2.5.2.6	Renumbered to include new section
Chapter 3	CADD Production Standards
3.4	Removed obsolete "Facilities Design Manual" reference link Added "Standard Plans" reference link
3.5.2	Renamed section from "Seed / Template Files" to "Standard Libraries & Template Files"
3.5.2.2	Added new sub-section: "Design Libraries" with verbiage for clarification
3.5.2.2 3.5.2.3	Renumbered to include new sub-section
3.7.4.1	Added new sub-section: "Standard Symbols" with link
3.7.4.1 3.7.4.2	Re-numbered to include new sub-section
3.8	Updated Cell Library listings to reflect changes to: rweng - Added ESP (Endangered Species Point) cell DrainXS - Re-numbered Standard index TTF_StdDataTables - Removed TTF_v8semi-standards cell library and webpage (.htm) information - Added TTF_StdDataTables cell library and webpage (.htm) information
3.9.3	Added new section: "Standard Abbreviations" with link
Chapter 4	CADD Production Procedures
4.8.1	Clarified description for Standard design file name formatting "AAAA" with link
4.13.1	Removed obsolete verbiage regarding multiline files
4.13.10.4	Under the Utility File Names table - Added missing file name: TABQUW - UWHC Tabulation to Quantities Sheet - updated Sheet Ordering, File Types and File Descriptions
4.13.12.4	Added new sub-section: 4.13.12.4 "Utility Quality Levels" - to define utility quality levels that are no longer described in the Utility Accommodation Manual.
4.13.12.4 4.13.12.5	- Re-numbered to include new sub-section - Removed confusing verbiage: "Re-numbered to include new sub-section" - Added new linear Feature Codes: ESL - Zone1, EndangeredL_ep Level, Endangered Species Line Description TESMTP - Zone9, EaseTempLine Level, Easement Lines Temporary (Proposed) Description - Added new Point Feature Codes: ESP - Zone1, EndangeredP_ep Level, Endangered Species Point Description - Corrected Zones for: BRDG, SW, XSC,DH, DRM, INV, IRC, NL, OM, PIP, PMON,SSP, TB
4.13.12.5 4.13.12.6	Re-numbered to include new sub-section
4.13.12.6 4.13.12.7	Re-numbered to include new sub-section
4.13.12.7 4.13.12.8	Re-numbered to include new sub-section
4.13.12.8 4.13.12.9	Re-numbered to include new sub-section
4.13.12.9 4.13.12.10	Re-numbered to include new sub-section
4.13.12.10 4.13.12.11	Re-numbered to include new sub-section
4.13.16	Updated verbiage for clarification
Chapter 5	Delivery Procedure
5.3	Revision: updated section number
5.4	Removed obsolete reference regarding "State Construction - Multiline"
5.10.2	Add new section: 5.10.2 "3D Model PDF Files" with verbiage of explanation
5.10.2 5.10.3	Re-numbered to include new sub-section
5.10.3 5.10.4	Re-numbered to include new sub-section
5.10.3-4 5.10.4.1	- Re-numbered to include new sub-section - Removed obsolete verbiage regarding multiline application.
5.10.4 5.10.5	Re-numbered to include new sub-section
5.10.4.1 5.10.5.1	Re-numbered to include new sub-section

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5-10.4.2 5.10.5.2	<ul style="list-style-type: none"> - Re-numbered to include new sub-section - Added "Project" - Removed last sentence: "The Department provides a tool called Create3DDeliverables to aid designers in this process for the contractor." - Added "Note Note All 3D Deliverable files should be set to 'READ ONLY'." - 3D Deliverables table: under 3D Proposed Surfaces: AMG-3SURFACEPR##.xml - modified description - 3D Deliverables table: added file to 3D Proposed Surfaces: AMG-3SURFACEEW##.xml - 3D proposed finished (bottom) surface to be exported as LandXML format from the \Roadway\MODLRD file. This file will be used to generate surface to surface earthwork volumes.
5-10.4.3 5.10.5.3	Re-numbered to include new sub-section
5-10.4.4 5.10.5.4	Re-numbered to include new sub-section
5-10.5 5.10.6	Re-numbered to include new sub-section
5-10.6 5.10.7	Re-numbered to include new sub-section
5-10.7 5.10.8	Re-numbered to include new sub-section
5-10.7.1 5.10.8.1	Re-numbered to include new sub-section
5-10.7.2 5.10.8.2	Re-numbered to include new sub-section
5-10.7.3 5.10.8.3	Re-numbered to include new sub-section
5-10.7.4 5.10.8.4	Re-numbered to include new sub-section
5-10.8 5.10.9	Re-numbered to include new sub-section
5-10.9 5.10.10	Re-numbered to include new sub-section
5-10.10 5.10.11	Re-numbered to include new sub-section
5.11	Add verbiage to replace last sentence of last paragraph for clarification.
Chapter 6	Support
6.3	Updated link
6.4	Updated verbiage for clarification and update link.
6.4.1	Updated verbiage for clarification
6.4.2	Updated verbiage for clarification
	- Re-named from "Training" to "Training Support"
6.4.3	- Updated verbiage for clarification
6.5	Updated verbiage for clarification
6.5.1	Updated verbiage for clarification
6.5.2	Updated verbiage for clarification
6.5.3	Updated verbiage for clarification
Chapter 7	Software Development and Distribution
	No Change
Chapter 8	Quality Assurance
	No Change
Appendix A	CADD Standard Rule Tables
	Remove "ByLevel" from all applicable column headers
	Added "(B)/(A)" platform designation to all applicable column headers
ALGNRD	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
AUTOSP	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
CLIPRD	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
DRDTRD	
DREXRD	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
DRMPRD	
DRPRRD	
DRXSRD	Added missing Levels: Barricade_px, BarricadeIII_px, CableBarrier_px, ChannelDevPed_px, Cone_px, Drum_px, DTM_ex, DTM_px, InletProt, RumbleStrip3, RumbleStrip4, SedimentBarrier, SignSymbol_px, TempBarrier_px, TubularMarker_px, TurbidityBarrier1, TurbidityBarrier2
DSGNLD	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
DSGNLT	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
DSGNRD	Added missing Levels: Barricade_px, BarricadeIII_px, Berm_px, ChannelDevPed_px, Cone_px, Drum_px, RumbleStrip3, RumbleStrip4, SignSymbol_px, TempBarrier_px, TubularMarker_px
DSGNSG	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
DSGNSP	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
DTMRD	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
GDTMRD	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
GEOTECH	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
GSWKSP	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
IRGLD	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
ITSSP	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2

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KEYSHT	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
MSARSP	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
OPEN	
PDXSRD	Added missing Levels: Barricade_px, Barricadelll_px, CableBarrier_px, ChannelDevPed_px, Cone_px, Drum_px, DTM_ex, DTM_px, InletProt, RumbleStrip3, RumbleStrip4, SedimentBarrier, SignSymbol_px, TempBarrier_px, TubularMarker_px, TurbidityBarrier1, TurbidityBarrier2
PLANRD	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
PLPRRD	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
QTDSRD	Added missing Levels: (many)
RDXSRD	Added missing Levels: Barricade_px, Barricadelll_px, ChannelDevPed_px, Cone_px, Drum_px, DTM_ex, DTM_px, InletProt, RumbleStrip3, RumbleStrip4, SedimentBarrier, SignSymbol_px, TempBarrier_px, TubularMarker_px, TurbidityBarrier1, TurbidityBarrier2
RDXSSP	Added missing Levels: Barricade_px, Barricadelll_px, CableBarrier_px, ChannelDevPed_px, Drum_px, DTM_ex, DTM_px, InletProt, RumbleStrip3, RumbleStrip4, SedimentBarrier, TempBarrier_px, TubularMarker_px, TurbidityBarrier1, TurbidityBarrier2
RWDTRD	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
RWENG10	No Change
SPST10	No Change
SURVRD	Added missing Levels: EndangeredL_ep, EndangeredP_ep
TCDSRD	Added missing Levels: (many)
TOPORD	Added missing Levels: EndangeredL_ep, EndangeredP_ep, InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
TYPDRD	Added missing Levels: (many)
UTADRD	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
UTEXRD	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2
UTPRRD	Added missing Levels: InletProt, SedimentBarrier, TurbidityBarrier1, TurbidityBarrier2

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Chapter 1

INTRODUCTION

1.1 PURPOSE

The *CADD Manual* addresses the requirement to utilize Computer Aided Design and Drafting (CADD) for production and delivery of digital project data for the Florida Department of Transportation (Department). In addition to software and configuration requirements, it identifies tools, techniques, applications, standards and procedures that are used to produce a consistent and quality CADD product for the Department.

The *CADD Manual* establishes *minimum* CADD standards to ensure a consistent, predictable and repeatable CADD data set for Department's projects. The *CADD Manual* also serves to provide professional services administrators, project managers, consultants, in-house designers, and others a procedure to be incorporated by reference into scopes and other contract documents for services.

1.2 AUTHORITY

[Subsection 20.23\(3\) \(a\), Florida Statutes \(F.S.\)](#)

[Section 334.048\(3\) Legislative Intent to Department Management Accountability and Monitoring Systems, Florida Statutes \(F.S.\)](#)

1.3 SCOPE

The *CADD Manual* is to be used by all personnel producing projects utilizing CADD for the Department. It is to be referenced in contracts requiring engineering plans and 3D Models preparation utilizing CADD. This manual affects all offices of the Department and all consultants, contractors and others who utilize CADD applications. The Districts are monitored for critical requirement to meet the Department's CADD Quality Assurance objectives.

1.4 DEFINITIONS

CADD - (Acronym for Computer Aided Design and Drafting) Software and methods used to design and represent objects graphically on the computer. CADD facilitates the visual presentation of Engineering Data.

Statewide CADD Coordinator – Individual in the Central Office responsible for coordinating amongst the Districts to implement a uniform policy and standards for CADD operations for the Department.

CADD Manager - The CADD Manager is responsible for (1) support of the core CADD software products in the work units and (2) a variety of engineering data services functions including but not limited to the receipt, acceptance, and management of digital deliveries of project data.

CADD Support - The technical and operational activity necessary to ensure that a production environment is maintained, which includes:

- a) Selection, development and distribution of production CADD software, related procedures, criteria and standard operating instructions,
- b) Provision of training opportunities for CADD users,
- c) Management of design data produced with the CADD software,
- d) Statewide procurement of: CADD software, training services, and software development assistance.

CADD TAC - (Acronym for Technical Advisory Committee) A discipline-based group sanctioned by the Statewide CADD Coordinator consisting of District and Central Office representatives charged to meet and work on statewide technical issues dealing with CADD applications, procedures, testing, training, and implementation.

Engineering Data - Those digital files which support or represent the intent of the engineering design.

1.5 ORGANIZATION

The Department's Production Support CADD Office, with input from the districts and industry, will develop and maintain procedures and standards for the Department's CADD production and related activities.

The following chapters are included:

Chapter 1 Introduction: Describes and implements the *CADD Manual*.

Chapter 2 Computer Systems: Establishes the minimum requirements for procurement, maintenance and technical support of the Department's CADD systems.

Chapter 3 CADD Production Standards: Defines the critical CADD Production Standards to be used in the production of the Department's CADD projects.

Chapter 4 CADD Production Procedures: Establishes minimum requirements for the production of the Department's CADD projects in accordance with the Department's plans preparation procedures and practices.

Chapter 5 Delivery Procedure: Establishes the minimum requirements and functions necessary for the Department's CADD delivery, describing how electronic data is to be delivered, archived and made available to customers.

Chapter 6 Support: Establishes the primary components of the Department's CADD support structure and services, including the statewide training, and defines applications and tools supported by the CADD.

Chapter 7 Software Development and Distribution: Establishes how the Department's CADD software is developed, tested, approved and distributed.

Chapter 8 Quality Assurance: Establishes the bases for Quality Assurance (QA) monitoring of the Department's District CADD functions, including the areas of responsibility, frequency of monitoring and reporting methods.

1.6 REFERENCES

[Florida Administrative Code, Chapter 1B-26.003\(10\)](#)

This document provides standards for record (master) copies of public records which reside in electronic recordkeeping systems.

[Information Technology Resource User's Manual, Topic No. 325-000-002](#)

This document contains the standards and guidelines related to information technology resources.

1.7 REVISIONS AND ADDITIONS

CADD Manual holders are encouraged to submit comments and suggestions for improvements to this manual. The Suggestion and Comment sheet at the end of this chapter or the CADD email link listed on the sheet may be used to provide feedback. All proposed revisions and additions, either in draft or final form, must be reviewed by all offices affected by the Manual.

Chapter 1 of this manual is the only chapter subject to the Executive Review Process. This chapter authorizes the development and implementation of the *CADD Manual*. The remaining chapters will be updated and approved by the Statewide CADD Coordinator with input from the Districts and offices within the Central Office that may be affected. The intent is to be able to make technical revisions to the manual in a timely manner. Substantive revisions that result in policy change must be coordinated with the Executive Committee *in* accordance with *Procedure No. 025-020-002, Standard Operating System*.

All revisions and updates must be coordinated with the Forms and Procedures Office prior to distribution to ensure conformance with and incorporation into the Department's Standard Operating System.

1.7.1 CADD Manager Responsibility

District CADD Managers must interface between the users of CADD and the Production Support CADD Office to facilitate input, revisions and additions to this manual. It is the CADD Manager's responsibility to ensure that all offices affected by this manual are informed of the Department's CADD policies, procedures, and standards. The CADD Manager must forward District recommendations for changes to CADD policies, procedures, and standards to the Statewide CADD Coordinator for consideration and processing through the CADD TACs.

1.7.2 CADD TAC Responsibility

Disciplines utilizing CADD are represented by a CADD TAC. Each District and the Central Office are represented on the TACs by knowledgeable and proficient CADD users. The purpose of these TACs is to continually improve the CADD procedures, process, standards, and identify users' needs. End User and CADD Manager Input for revisions and additions to the *CADD Manual* are processed through the TACs. The chairperson must forward committee recommendations to the Statewide CADD Coordinator and copy the District CADD Manager.

1.8 DISTRIBUTION

The *CADD Manual* is distributed in electronic form and may be downloaded from the CADD website:

<http://www.fdot.gov/cadd/downloads/publications/publications.shtm>

1.9 TRAINING

Training issues and opportunities are identified within the applicable chapters.

1.10 FORMS

Forms required for use with this manual are identified at the end of each chapter where applicable.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
SUGGESTIONS, COMMENTS, OR QUESTIONS
CADD Manual

NAME OF FDOT DEPARTMENT / FIRM & ADDRESS:

NAME OF PERSON(S) RESPONSIBLE FOR SUGGESTIONS / COMMENTS:

TELEPHONE NO: () ____ - _____

FAX NO: () ____ - _____

E-MAIL: _____

SUGGESTION, COMMENT, or QUESTION:

(Comments or Suggestions may be attached as marked up copies of pages from the manual.)

Submit Comments or Suggestions or Questions to:

- E-mail:** cadd.support@dot.state.fl.us
- Request CADD Support:** <https://fdotservicedesk.dot.state.fl.us/>
- Mail:** **FLORIDA DEPARTMENT OF TRANSPORTATION
PRODUCTION SUPPORT CADD OFFICE
605 SUWANNEE STREET, MS 69
TALLAHASSEE, FLORIDA 32399-0450**
- Phone:** **PRODUCTION SUPPORT CADD OFFICE
(850) 414-4711**

Chapter 2

COMPUTER SYSTEMS

2.1 PURPOSE

This chapter establishes the minimum requirements for procurement, maintenance and technical support of the Florida Department of Transportation (Department's) Computer Aided Design and Drafting (CADD) systems.

2.2 SCOPE

These requirements apply to all computer technology and services within the responsibility of the Production Support CADD Office (CADD), the CADD Managers of each District, Office of Information Technology (OIT), and Information Technology (IT) personnel assigned to support the CADD program.

2.3 DEFINITIONS

CADD Hardware: The workstations, servers, printers and all other computer equipment used in the Department's design production effort.

CADD Software: Any software procured, developed, distributed and supported by CADD.

OIT Personnel Supporting CADD: OIT personnel assigned to support the CADD program to perform the role of management and related tasks of the Department's IT infrastructure.

2.4 REFERENCES

- [Information Technology Resource User's Manual, Topic No. 325-000-002](#)

This document contains the standards, guidelines, and requirements related to information technology resources.

2.5 OPTIMAL CADD HARDWARE REQUIREMENTS

- <http://www.fdot.gov/cadd/main/Version/CurrentVersions.shtm>

2.6 PROCUREMENT OF CADD HARDWARE AND SOFTWARE

The CADD Managers and OIT personnel evaluate the needs for computer hardware to provide recommendations for procurement of any of the Department's CADD hardware where appropriate, and do so in accordance with *Information Technology Resource User's Manual, Topic No. 325-000-002*. The Production Support CADD Office participates with OIT in the development of the Information Technology Resource Standards and evaluation of hardware to be procured for use in CADD.

The Production Support CADD Office, in conjunction with the Technical Advisory Committees (TACs) and CADD Managers, reviews the statewide CADD software needs to support the Department's production efforts.

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Chapter 3

CADD PRODUCTION STANDARDS

3.1 PURPOSE

This chapter defines the Florida Department of Transportation (Department's) critical Computer Aided Design & Drafting (CADD) Production Standards to be used in the production of the Department's CADD projects.

3.2 SCOPE

These Production Standards apply to all projects produced by and for the Department using CADD in addition to the criteria, standards and procedures of the various disciplines within the Department.

3.3 DEFINITIONS

The following definitions relate to electronically generated project data and deliverables. For the definition of other common terms and acronyms used in this Manual, refer to the respective Chapters.

ByLayer (Civil 3D)– A property that, when turned on, causes the object on a particular layer to retrieve its definition from the Layer Properties of that layer, such as Color, Linetype, and Line weight.

ByLevel (MicroStation)– A setting that, when turned on, causes the element on a particular level to retrieve its definition from the Level Symbology of that layer, such as Color, Line Style, and Line Weight defined by the Level Symbology.

Component – A categorization of design plans as defined in Chapters 2 & 3 of the Department's *Plans Preparation Manual (PPM)*, Volume 2. The list of plans components for Digital Delivery is comprised of the following:

1. Roadway Plans
2. Signing and Pavement Marking Plans
3. Signalization Plans
4. Intelligent Transportation System (ITS) Plans
5. Lighting Plans
6. Landscape Plans
7. Architectural Plans
8. Structures Plans
9. Toll Facilities Plans

The plans components do not directly correspond to the project's folder structure. For example, drainage files have a \drainage\ folder below the root level project folder, but might be included as part of the Roadway Plans Component.

Design File – An electronic CADD file that conforms to MicroStation® (DGN) or AutoCAD® (DWG) graphics formats.

Drawing Units (Civil 3D) – The real-world units used in a Civil 3D drawing that represents the measurement system used to construct the real-world design, such as US Survey Feet.

Font Library – A file in which text characters styles, symbols, or patterns are stored.

- Global Origin (MicroStation)** – Origin location of the Cartesian coordinate system in the design plane coordinates (UORs) for MicroStation files. When design plane positions are specified or reported in working units, they are relative to the global origin.
- Layer Symbology (Civil 3D)** – The definition of the properties an object inherits when placed on a layer using the “ByLayer” property. The layer definition contains properties such as Color, Linetype, and Line weight.
- Level / Layer** – Data in the design file segregated into drawing levels or layers.
- Level Symbology (MicroStation)** – The definition of the symbology an element inherits when placed on a level using the “ByLevel” setting. The level definition contains symbology such as Color, Line Style, and Line Weight
- Line Style (MicroStation)** – Part of the symbology of an element: for example, whether a line is represented a solid or continuous, composed of dashes, dots and dashes, and so on. Each element has its own line style.
- Line Weight (MicroStation)** – An index that designates the thickness of the lines used to draw or print a graphic element. Each element has its own line weight.
- Linetype (Civil 3D)** – Part of the property of an object: for example, whether a line is represented by a continuous line or a series of dots and/or dashes and spaces.
- Line weight (Civil 3D)** – The thickness of a line used for display or print purposes defined in millimeters.
- Master Units (MicroStation)** – The largest unit in common use in a design file, usually represented in US Survey Feet for most of the Department’s seed files.
- Project Folder** – The parent or “root” folder for a project containing all of the project’s subfolders and files.
- Properties (Civil 3D)** – The settings applied to an element for visualization/printing purposes, such as Color, Linetype, Line weight, Transparency, etcetera.
- Supporting CADD Files** – Any file, including Resource Files (such as fonts, line styles, pen tables, cell / block libraries, etcetera.) required to produce the printable sheet images of a plan set.
- Symbol** – A character placed from a TrueType font, MicroStation font library, or AutoCAD font file.
- Symbology (MicroStation)** – The settings applied to an element for visualization/printing purposes, such as Color, Line Style, Line Weight, Transparency, etcetera.
- Text Attributes / Properties** – The color, weight, font, height and width of text.
- Text Element / Objects** – Text in (MicroStation / AutoCAD) design files as a distinct type of element.
- Units of Resolution (UORs) (MicroStation)** – The distance between adjacent points in a MicroStation design plane. There are a very large number of fixed discrete positions or UORs along each coordinate axis that are defined as real world coordinates by master units and sub-units (collectively, working units).
- Working Area (MicroStation)** – Size, in working units square, of design plane.
- Working Units (MicroStation)** – The real-world units in MicroStation that the design plane is configured to, such as US Survey Feet.

3.4 REFERENCES

[Plans Preparation Manual Volume 1 & 2, Topic Nos. 625-000-007 / 625-000-008](#)

This manual provides engineering criteria and guidelines to be used in the development of Roadway designs and plans preparation for roads on the State Highway System.

[Design Standards \(Topic No. 625-010-003\)](#)

These indexes provide standard drawings to support the various engineering obligations for designing, specifying, estimating, constructing, inspecting, testing, accepting, operating, maintaining and monitoring the roads on the State Highway System including Standard Abbreviations.

[Standard Plans](#)

Standard Plans issued by the Office of Design are available from FY18-19 to Present. *Released November 2017.*

[Structures Manual \(Topic No. 625-020-018\)](#)

This manual provides the structures personnel with guidelines for the development of uniform structural design and plans preparation.

3.5 CADD RESOURCE AND SUPPORT FILES

The Department develops CADD Standards for the production of Florida transportation facility plans to be delivered with the aid of the CADD Software Suite. The Production Support CADD Office manages and coordinates these CADD Standards through customizations within the Department's approved CADD software platforms and the tools contained in the CADD Software Suite.

The Department's CADD Software Suite includes standard design libraries / templates to propagate the CADD Standards definitions of levels / layers and symbology (color, line styles / linetypes, weights), multi-line styles, text styles, dimension styles, cells, element templates, menu customizations, customized tools, tool boxes, and tasks for both the MicroStation and Civil 3D platforms.

Projects will be maintained and updated with the latest available and supported software versions published on the Production Support CADD Office listed below. Exceptions must be approved by the Department's Project Manager and must be documented and delivered as part of the project.

<http://www.fdot.gov/cadd/main/Version/CurrentVersions.shtm>

The Department's standard resources definitions for CADD drawings are consistent between the MicroStation and AutoCAD platforms. The following are examples of platform conventions:

<u>MicroStation</u>	<u>AutoCAD equivalent</u>
File name	File name
Level name	Layer name
Cell Library	Block Drawing
Cell name	Block name
Line Style	Linetype
Line Weight	Line weight
Color	Color
Seed file	Template file

3.5.1 Supporting Database Resources

For MicroStation projects the Department's CADD Software Suite includes a GEOPAK Design and Computation (D&C) Manager database file, *FDOTXXX.ddb*, located at `\FDOTXXX\geopak\databases\folder`. This database is set up specifically to create drawing elements and attach pay item data according to the Department's CADD Standards. Likewise, for AutoCAD Civil 3D projects, the *AECMerge.xml* file is delivered with the FDOTXXXX.C3D State Kit and serves a similar function. *AECMerge.xml* is located in the `\FDOTXXXX.C3D\Data\PayItemData\` folder.

Note 'XXX' or 'XXXX' represent the versioning of the Department's CADD Software Suite.

These resources may need to be modified for project specific items or to comply with District standards. If the GEOPAK D&C Manager *FDOTXXX.ddb* database is customized, the user must save a copy of this custom database into the project folder in the `\symp\` project sub-folder. Saving the database to the project folder is important to ensure the modified database will be delivered with the project; likewise, a modified copy of the Civil 3D *AECMerge.XML* file must be saved to the `\symp\` project sub-folder.

When modifying project specific database resources, the following naming convention must be used:

Project Financial Project Identification Number[Discipline Designation].ddb

Where *Discipline Designation* would be one of the following:

dr	(drainage)
it	(intelligent transportation system)
ld	(landscape)
lt	(lighting)
rd	(roadway)
sg	(signalization)
sp	(signing and pavement markings)
ut	(utilities)

Example: A modified standard DDB for signalization, *19728125201sg.ddb* would be stored in `\19728125201\symp\` subfolder of the aforementioned project.

3.5.2 Standard Libraries & Template Files

3.5.2.1 MicroStation Seed Files

MicroStation uses "seed" files to create all design files. Working units and global origin are two of the most important settings in the seed file. Working units are expressed as master units and sub-units. All standard seed files for MicroStation have been defined based on a master unit of "Survey Feet" with a sub unit of "Survey Inches." The global origin is located at the center of the design plane for all seed files.

The resolution in MicroStation files is defined per the master unit and determines the size (working area) of the design plane, which must encompass an area large enough for any State Plane coordinate zone in Florida. The resolution is set to 304800 units of resolution (UORs) per Survey Foot.

Set the geographic coordinate system to the appropriate Florida State Plane Zone in production drawings derived from the seed files.

➤ **The Department's CADD Standard Seed Files for MicroStation**

- *fdotseed2d.dgn*
- *fdotseed3d.dgn*
- *fdotseedkeymap.dgn*
- *fdotseedxs.dgn*
- *rwseed2d.dgn*
- *structuresseed.dgn*
- *structuresseed3d.dgn*

3.5.2.2 Design Libraries

CADD Standard design library (dgnlib) files have been customized containing data that is shared throughout files and among users. These shared resources consist of, but not limited to, the Department’s standard Cells, Levels, Styles, and Features.

➤ ***The Department’s CADD Standard Design Libraries for MicroStation***

Type	Design Library Name (DGNLIB)	Type	Design Library Name (DGNLIB)
Civil_Cells	FDOT_Approach.dgnlib	Features	FDOT_SUE_Utility.dgnlib
Civil_Cells	FDOT_BusTurnOut.dgnlib	Features	FDOT_SurveyFeatures_RD.dgnlib
Civil_Cells	FDOT_Circulatory.dgnlib	Features	FDOT_SurveyFeatures_RW.dgnlib
Civil_Cells	FDOT_CurbGutterMaker.dgnlib	General	CivilCommands.dgnlib
Civil_Cells	FDOT_CurbTransitions.dgnlib	General	FDOT_DesignGeometricsCriteria.dgnlib
Civil_Cells	FDOT_Driveways.dgnlib	General	FDOTtoolboxes.dgnlib
Civil_Cells	FDOT_Intersections.dgnlib	General	GeoTech.dgnlib
Civil_Cells	FDOT_Ponds.dgnlib	Levels	countymappinglevels.dgnlib
Civil_Cells	FDOT_RampTerminals.dgnlib	Levels	fdot_common_levels.dgnlib
Civil_Cells	FDOT_SidewalkCurbRamps.dgnlib	Levels	fdot_v8_levels.dgnlib
Civil_Cells	FDOT_Templates.dgnlib	Levels	Photogrammetry_levels.dgnlib
Features	FDOT_CivilFeatures_RD.dgnlib	Levels	rwlevels.dgnlib
Features	FDOT_CivilFeatures_RW.dgnlib	Levels	strlevels.dgnlib
Features	FDOT_CivilFeatures_TC.dgnlib	Levels	survey_levels.dgnlib
Features	FDOT_CivilFeatures_TP.dgnlib	Levels	v7_levels.dgnlib
Features	FDOT_CivilFeatures_UT.dgnlib	Styles	FDOT_PrintStyles.dgnlib
Features	FDOT_ElementTemplates.dgnlib	Styles	FDOT_Styles.dgnlib
Features	FDOT_SUE_Drainage.dgnlib	Styles	rwstyles.dgnlib

3.5.2.3 AutoCAD Template Files

AutoCAD also uses “template” files to create design files. Drawing units are also US Survey Feet and the geographic coordinate system for production drawings derived from templates must be set for the project’s State Plane Zone. Templates are style based AutoCAD drawings.

➤ ***The Department’s CADD Standard Design Templates for Civil 3D***

Template	Description
fdotmaster.dwt	Master Template
keysht.dwt	Key Sheets
planrd.dwt	Sheet Border for Details, Typical Sections & Summary Boxes
rwdtrd.dwt	Right of Way Detail for Roadway
rweng10.dwt	Right of Way
spst10.dwt	Structures
StructuresTemplateDetail.dwt	Structural Details
StructuresTemplatePlan.dwt	Structural Plans
survey.dwt	Survey Development Model
toporw.dwt	Existing Topography for Right of Way
TypSectionPkg.dwt	Typical Section Package
utadrd.dwt	Utilities Adjustment
utprrd.dwt	Utilities Proposed

➤ **The Department’s CADD Standard Sheet Templates for Civil 3D**

The FDOT Standard Sheet Borders used for plan production for all disciplines are listed below. The user accesses these files when using any of the Civil 3D Create Sheets wizard. Upon selection of the appropriate sheet template, a drawing scale is selected. Each Sheet Template file contains sheet layouts at designated scales along with fields in the border that can be automatically updated with project information, such as Sheet Title, Sheet Number, County, Etc. The Cross Section sheet templates update with the appropriate material volume when sections sheets are created based on the material list selected in Civil 3D.

Template	Description
CTLSRD.dwt	Reference Points Horizontal Vertical Control Sheet Border
SHDrainMap.dwt	FDOT Drainage Map Sheet Border
SHPLAN.dwt	FDOT Sheet Border
SHPlanDual.dwt	FDOT Dual Plan View Sheet Border
SHPlanDual-Top.dwt	FDOT Dual Plan View Sheet Border
SHPlanProfOpt.dwt	FDOT Plan Profile Optional Sheet Border
SHPlanProfOpt-Intersection.dwt	FDOT Plan Profile Optional Intersection Sheet Border
SHPlanProfStd.dwt	FDOT Plan Profile Standard Sheet Border
SHProfDual.dwt	FDOT Dual Profile Sheet Border
SHProfDualOpt.dwt	FDOT Dual Profile Optional Sheet Border
SHProfile.dwt	FDOT Profile Sheet Border
SHProfOpt.dwt	FDOT Profile Optional Sheet Border
SHXSC.dwt	FDOT Cross Section 2' Grid Sheet Border
SHXSC1EW2.dwt	FDOT Cross Section 2 Material Sheet Border
SHXSC1EW3.dwt	FDOT Cross Section 3 Material Sheet Border
SHXSC1EW3-Overbuild.dwt	FDOT Cross Section 2 Material with Overbuild Sheet Border
SHXSC2EW2.dwt	FDOT Dual Vertical Cross Section 2 Material Sheet Border
SHXSG.dwt	FDOT Cross Section 1' Grid Sheet Border
SHXSG1EW2.dwt	FDOT Cross Section 1' Grid 2 Material Sheet Border
SHXSG1EW3.dwt	FDOT Cross Section 1' Grid 3 Material Sheet Border
SHXSG2EW2.dwt	FDOT Dual Vertical Cross Section 1' Grid 2 Material Sheet Border

3.6 CADD STANDARD RULES

The Department’s level / symbology standards for projects define standard Level / Layer names with specific “ByLevel” Color, Style / Linetype and Weight Symbology for graphic elements for both the Bentley and Autodesk platforms. In nearly every instance, the names for Level / Layer, Color, Line Style / Linetype, etc. are the same between the platforms for consistency. These level / symbology CADD standards are grouped to define specific CADD standard “rules” which are associated with each of the Department’s CADD standard filenames. These rules are defined related to a given discipline, or purpose for the file.

Note The individual Discipline sections found in Chapter 4 of this manual provide comprehensive listings of respective CADD standard filenames with the associated CADD standard rule.

These CADD standard rules facilitate the Quality Control (QC) software to check each of the standard project’s design files for compliancy to the specification found in these rules.

➤ **The Department's CADD Standard Rules & Descriptions**

Note Appendix A has a comprehensive listing of the Department's CADD standard rules and the associated CADD standard levels and symbology.

Standard Rule	Description
alnrd	Alignment Design
autosp	AutoTURN
cliprd	Clip Border
drdrd	Drainage Detail
drexrd	Drainage Existing
drmprd	Drainage Map
drprrd	Drainage Proposed
drxsrd	Drainage Cross Section
dsgnld	Landscaping Design
dsgnlt	Lighting Design
dsgnrd	Roadway Design
dsgnsg	Signalization Design
dsgnsp	Signing & Pavement Marking Design
dtmrd	Digital Terrain (Proposed)
gdtmrd	Digital Terrain (Existing)
geotech	Geotechnical
gswksp	GuidSIGN
irrgld	Irrigation
itssp	Intelligent Transportation System
keysht	Key Sheets
msarsp	Mast Arm Details
open	All Levels and Symbology Accepted
pdxsrd	Pond Cross Section
planrd	Roadway Plan Sheet
plprrd	Roadway Plan / Profile Sheet
qtdsrd	Quantity Computation
rdxsrd	Roadway Cross Section
rdxssp	Signing & Pavement Cross Section
rwdrd	Right of Way Detail for Roadway
rweng10	Right of Way
spst10	Structural
survrd	Survey Development Model
tcdsrd	Traffic Control
topord	Existing Topography for Roadway
typdrd	Typical Section Data
utadrd	Utilities Adjustment
utexrd	Utilities Existing
utprrd	Utilities Proposed

3.7 LEVELS / LAYERS AND SYMBOLOGY

The Department’s CADD Software Suite includes standard design libraries / templates to propagate the CADD standards definitions of levels / layers and symbology (color, line styles / linetypes, weights). The libraries for MicroStation are located in the \FDOTXXX\RESOURCES\dgnlibs\ folder and the templates for Civil 3D are located in the FDOTXXXX.C3D\Data\Templates\ folder.

The Department’s CADD Software Suite also includes a Microsoft Excel *MasterStandards.xlsx* file documenting these CADD Standards which is also used by the productivity tools for both MicroStation and Civil 3D platforms, such as *QCInspector* (QC checking of design files during the Department’s plans preparation process).

3.7.1 Levels and Layers

The Department’s standard design libraries / templates define standard Level / Layer names. Designers must use these standard Levels / Layers in the Department’s plans production of all CADD standard design files. The following describes the Department’s basic level / layer naming convention:

The format of the Level / Layer Name convention is: **object_sv** (*maximum of 18 characters*)

Where: **(object = element type)(s = state)(v = view)**

(S)tate Designations

p (Proposed)
d (Drafting element)
e (Existing)

(V)iew Designations

p (Plan)
r (Profile)
x (Cross Section)
m (Model)

Note Level / layer names with no “_sv” suffix on the name are assumed to be _pp (Proposed state & Plan view). Example: With this one can determine the following about the example Level / Layer names below:

gas	- Proposed state & Plan view elements for “gas” related items
gas_ep	- Existing state & Plan view elements for “gas” related items
gas_px	- Proposed state & Cross Section view elements for “gas” related items

The Department’s CADD standard Levels / Layers are also classified as either *Critical* or *Non-Critical* for purposes of the QC processes to verify compliancy of design files. *Non-Critical* Levels / Layers are only checked in the QC process for compliancy with valid standard Level / Layer names only. *Critical* Levels that are relied upon and used by downstream applications (or other disciplines) are checked in the QC process for compliancy with both valid standard level names along with “ByLevel” / “ByLayer” settings for symbology (Color, Line Style, and Weight).

The CADD standard rules, documented in the *MasterStandards.xlsx* resource file and in *Appendix A*, contain a *Critical Level* column that defines each level with the following designations:

- **[blank]** Denotes Non-Critical Levels where ONLY valid Standard Level Name is checked in the QC process.
- **X** Denotes Critical Levels where valid Standard Level Name and ByLevel setting for Symbology (color, line style, and weight) are checked in the QC process.
- **3 digit string** Denotes Critical Level with partial checking in the QC process on whether to check (1=true) or not to check (0=false) specific symbology components: (Color, Line Style, Weight)

Example: (1st digit = Color, 2nd digit = Line Style, 3rd digit = Weight)
 100 – Denotes to check only color (common for structures files)
 010 – Denotes to check only line style
 101 – Denotes check both color & weight, but not line style

The Department’s standard Design Files are also classified as either *Critical* or *Non-Critical* for the purpose of verifying the compliance threshold. *Non-critical* Design Files must meet a minimum 80% compliance threshold for CADD Standard Levels / Layers. *Critical* Design Files must meet a minimum 95% compliance threshold for CADD Standard Levels / Layers. If critical files do not meet threshold requirements, a written variance from the Department’s Project Manager with supporting documentation must be included within the Project Journal.

Note The threshold percentage is calculated as the number of graphical elements in the design file on the prescribed level symbology divided by the total number of elements in that design file.

The Department provides Standard Rules which define the prescribed level symbology for each Standard design file. Exceptions are a deviation from those Standard Rules for any given project folder. For example, if a municipality required a special symbology for an element not covered in a Standard Rule, that element could be drawn with the special symbology and all occurrences of that symbology would be counted as one exception. The Department allows up to 10 exceptions per design file before the compliance threshold begins to diminish.

3.7.2 Color

The Department uses a standard color table (*FDOTColor.tbl*) in MicroStation to visually recognize elements in files and for consistency in color printing. The standard color table is a modified version of the default MicroStation color table (*color.tbl*) which defines 256 colors for CADD elements. The Department’s standard color table customizes colors by remapping the RGB values for various MicroStation color index numbers.

In MicroStation, the standard color table (*FDOTColor.tbl*) is preset in the FDOT Workspace variable MS_DEFCTBL and is attached in the standard seed files. AutoCAD uses RGB values shown in the color tables.

Note The discipline sections of Chapter 4 of this Manual define any discipline specific customize color tables. Structures discipline uses the default MicroStation Color Table (*color.tbl*).

MicroStation Color Index	color.tbl (AutoCAD Index) RGB Value	FDOTColor.tbl (AutoCAD Index) Color RGB Value
0	(7) 255,255,255	(7) 255,255,255
1	(5) 0,0,255	(5) 0,0,255
2	(3) 0,255,0	(3) 0,255,0
3	(1) 255,0,0	(1) 255,0,0
4	(2) 255,255,0	(2) 255,255,0
5	(6) 255, 0,255	(6) 255, 0,255
6	255,127,0	255,165,0
7	(4) 0,255,255	(4) 0,255,255
8	64,64,64	148,0,211
9	192,192,192	140,88,44
10	254,0,96	200,176,125
11	160,224,0	192,192,192
12	0,254,160	255,192,203
13	128,0,160	0,100,0
14	176,176,176	176,176,176
15	0,240,240	0,240,240
16	240,240,240	240,240,240
17	0,0,240	0,0,240
18	0,240,0	0,240,0
19	240,0,0	240,0,0
20	240,240,225	225,225,225
21	240,0,240	240,0,240
22	240,122,0	240,122,0
23	0,240,240	0,240,240
24	240,240,240	240,240,240
25	0,0,240	0,0,240
26	0,240,0	0,240,0

MicroStation Color Index	color.tbl (AutoCAD Index) RGB Value	FDOTColor.tbl (AutoCAD Index) RGB Value
27	240,0,0	240,0,0
28	240,240,0	240,240,0
29	240,0,240	240,0,240
30	240,122,0	240,122,0
31	0,255,255	0,255,255
32	225,225,225	225,225,225
33	0,0,225	0,0,225
34	225,225,0	225,225,0
35	225,0,0	225,0,0
36	225,225,0	225,225,0
37	225,0,225	225,0,225
38	225,117,0	225,117,0
39	0,225,225	0,225,225
46	225,117,0	225,117,0
55	0,210,210	0,210,210
68	195,195,0	195,195,0
71	0,195,195	0,195,195
84	180,180,0	180,180,0
86	180,102,0	180,102,0
99	165,0,0	165,0,0
100	165,165,0	165,165,0
142	135,87,0	135,87,0
150	120,82,0	120,82,0
152	120,120,120	120,120,120
154	0,120,0	0,120,0
157	120,0,120	120,0,120
255	(250) 0,0,0	(250) 0,0,0

3.7.3 Line Weight

Line weight for MicroStation is defined by index value in the range of 0 to 31 that selects the stroke width (or thickness) of the line used to draw and print a graphic element. Each element has its own line weight. The standard line thickness (width) of a printed element is usually in inches on the paper defined by a print driver file.

Printed output from the design file must be of a quality legible on 2nd generation copies. Line weights / thicknesses in the following table are default settings (also set in Department delivered print drivers). These may need to be user-adjusted depending on hardware to produce the required quality of printed documents.

MicroStation / AutoCAD Line Weight Mapping				Available AutoCAD Line Weights	
MS Weight	MS Plot(inches)	AutoCAD (inches)	AutoCAD (mm)	inches	mm
0	0.003	0.004	0.09	0	0.000
1	0.006	0.006	0.15	0.002	0.050
2	0.009	0.008	0.20	0.004	0.090
3	0.012	0.012	0.30	0.005	0.130
4	0.015	0.014	0.35	0.006	0.150
5	0.018	0.016	0.40	0.007	0.180
6	0.021	0.021	0.53	0.008	0.200
7	0.024	0.024	0.60	0.01	0.250
8	0.027	0.028	0.70	0.012	0.300
9	0.030	0.031	0.80	0.014	0.350
10	0.033	0.035	0.90	0.016	0.400
11	0.036	0.035	0.90	0.02	0.500
12	0.039	0.039	1.00	0.021	0.530
13	0.042	0.042	1.06	0.024	0.600
14	0.045	0.047	1.20	0.028	0.700
15	0.048	0.047	1.20	0.031	0.800
16	0.051	0.055	1.40	0.035	0.900
17	0.054	0.055	1.40	0.039	1.000
18	0.057	0.055	1.40	0.042	1.060
19	0.106	0.083	2.11	0.047	1.200
20	0.105	0.083	2.11	0.055	1.400
21	0.110	0.083	2.11	0.062	1.580
22	0.115	0.083	2.11	0.079	2.000
23	0.120	0.083	2.11	0.083	2.110
24	0.125	0.083	2.11		
25	0.130	0.083	2.11		
26	0.135	0.083	2.11		
27	0.140	0.083	2.11		
28	0.145	0.083	2.11		
29	0.150	0.083	2.11		
30	0.155	0.083	2.11		

3.7.4 Line Styles / Linetypes

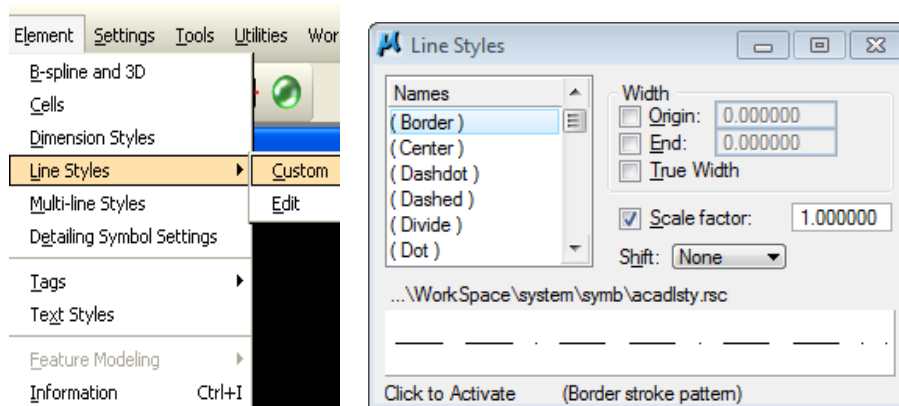
MicroStation Line Style (or AutoCAD Linetype) is part of the symbology of graphic elements, which defines a line's appearance. Each element has its own Line Style / Linetype which can be set to a standard line Style / Linetype or to a Custom Line Style / Linetype.

Standard MicroStation Line Styles are based on output device coordinates, therefore are not truly "what you see is what you get". Custom Line Styles should be used instead of MicroStation line patterning.

————— 0	style(0) = continuous
----- 1	style(1) = (0.02, 0.04), for ACAD - DGN1
- - - - - 2	style(2) = (0.08, 0.04), for ACAD - DGN2
- - - - - 3	style(3) = (0.15, 0.05), for ACAD - DGN3
- 4	style(4) = (0.200, 0.053, 0.03, 0.053), for ACAD – DGN4
- - - - - 5	style(5) = (0.056, 0.056), for ACAD - DGN5
- 6	style(6) = (0.32, 0.056, 0.048, 0.056, 0.048,0.056), for ACAD – DGN6
- - - - - 7	style(7) = (0.59, 0.053, 0.03, 0.053), for ACAD – DGN7

➤ **To set custom line style scale, select the MicroStation menu option:**

Element > Line Styles > Custom:



In most instances the MicroStation Custom Line Style name will match the AutoCAD Linetypes, which are defined for AutoCAD in the file *FDOT.lin* located in the *\\FDOTXXX.C3D\\Support\\linetype* folder.

MicroStation Line Style	AutoCAD Linetype
0	Continuous
1	DGN1
2	DGN2
3	DGN3
4	DGN4
5	DGN5
6	DGN6
7	DGN7

The Department includes Standard Custom Line Style / Linetype resource files in both the CADD Software Suite for Bentley and the FDOT State Kit for Autodesk.

FDOT Custom Line Style Resource Files for MicroStation
FDOT_3D.rsc
FDOT_MOT.rsc
FDOT_Rdwy.rsc
FDOT_Road.rsc
FDOT_ROW.rsc
FDOT_Striping.rsc
FDOT_Uilities.rsc

FDOT Custom Linetype Resource Files for AutoCAD
FDOT.LIN

The Department’s Standard Custom Line Style / Linetypes can be complex and contain arrangements of line segments and / or symbols. Users must not modify the Department’s Standard Custom Line Style / Linetypes resource files.

If Non-Standard Custom Line Style / Linetypes are required for a design, other resource files are allowed to be user-defined, but they must be delivered in the \symb\ sub-folder of the FDOT Project folder structure, or the Non-Standard Custom Line Style / Linetype definitions must be embedded in the design file.

Note The user must not create conflicting custom line styles / linetypes with the same name as a Department Standard Line Style / Linetype. User created resource files must be unique in both name and appearance.











3.7.4.1 Standard Symbols

- [Index 002 Design Standards FY 2017-18](#)

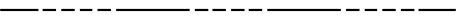
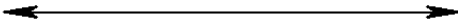
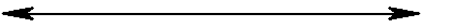
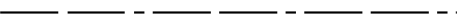
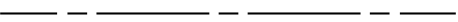
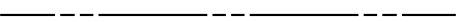
















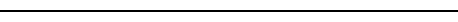

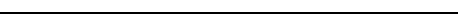
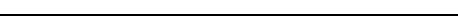
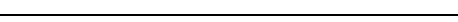
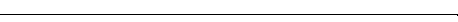
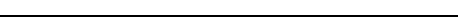
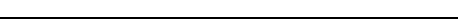



3.7.4.2 Custom Line Styles


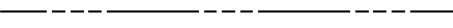
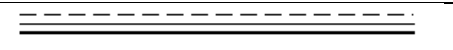




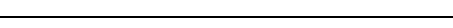
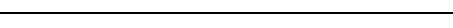
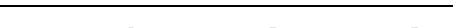







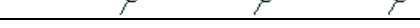
Some MicroStation Line Styles shown below containing leaders and some complex markings and striping needed to be place to scale are not created as AutoCAD Linetypes for the FDOT State Kit for Civil 3D. Tools such as *Entity Manager*, *Place Block Group* and the *Pavement Marking* tool can create these types of additional striping for AutoCAD.

Note

Name	Description	Sample Image
MOT-Attenuator	Attenuator	
MOT-ChannelDevPed	Channelizing Device Pedestrian	
PM-Delineator-300Gap*	Delineator Point 300' Gap	
PM-Delineator-40Gap*	Delineator Point 40' Gap	
PM-RumbleSkip	Rumble Strip Skip	
PM-RumbleSolid	Rumble Strip Solid	
PM-Stripe-10' Crosswalk	Crosswalk 10ft Component	
PM-Stripe-10' 20'Skip	10'/30' Contrast Skip Striping	
PM-strupe-2' 2'Skip	2ft / 2ft / 2ft Contrast Skip	
PM-Stripe-6' Crosswalk	Crosswalk 6ft Component	

Name	Description	Sample Image
PM-Stripe-RumbleStripeLeft	Rumble Striping Left	
PM-Stripe-RumbleStripeRight	Rumble Striping Right	
PM-Stripe-VibratoryLeft	Vibratory Line Left	
PM-Stripe-VibratoryRight	Vibratory Line Right	
PM-Stripe-YieldLarge	Yield Large	
PM-Stripe-YieldSmall	Yield Triangle Component	
RD-CableBarrier	Cable Barrier	
RD-Fence	Fence Line	
RD-FlowLine	Flow Line	
RD-Guardrail-Double	Guardrail Double	
RD-Guardrail-Left	Guardrail Left	
RD-Guardrail-Right	Guardrail Right	
RD-LaneLine-Existing	Lane Line Existing	
RD-PavedShldr 10'	Paved Shoulder Pattern 10'	
RD-PavedShldr 12'	Paved Shoulder Pattern 12'	
RD-PavedShldr 15'	Paved Shoulder Pattern 15'	
RD-PavedShldr 2'	Paved Shoulder Pattern 2'	
RD-PavedShldr 4'	Paved Shoulder Pattern 4'	
RD-PavedShldr 5'	Paved Shoulder Pattern 5'	
RD-PavedShldr 6'	Paved Shoulder Pattern 6'	
RD-PavedShldr 7'	Paved Shoulder Pattern 7'	
RD-PavedShldr 8'	Paved Shoulder Pattern 8'	
RD-Railroad-Existing	Railroad Existing	
RD-Railroad-Proposed	Railroad Proposed	
RD-SelectiveClearingGrubbing	Selective Clearing and Grubbing	
RD-TreeLine	Tree Line	
RD_TreeProtection	Tree Protection	
RD-TreeRootPruning	Tree Root Pruning	
RD-Wetland-Existing	Wetland Existing	
RD-Wetland-Proposed	Wetland Proposed	
RW-ArrowTie*	Dimension Existing	
RW-CityLimit-Type1	City Limit	
RW-CityLimit-Type2	City Limit	

Name	Description	Sample Image
RW-CountyLine	County Line	
RW-Dimension-Type1*	Dimension Type 1	
RW-Dimension-Type2*	Dimension Type 2	
RW-Easement	Easement Stroke	
RW-EasementCL-Existing	Existing Easement Centerline	
RW-Existing	Existing Right of Way	
RW-GrantLine	Government: Grant Line	
RW-Leader*	Arrow	
RW-LeaderLeft*	Begin End Leader Left	
RW-LeaderRight*	Begin End Leader Right	
RW-License	License (Agreement)	
RW-LimitedAccess-Existing	Existing Limited Access	
RW-LimitedAccess-Proposed	Proposed Limited Access	
RW-LimitsofConst	Limits of Construction	
RW-Nat/StPark/Forest-Type1	National or State Forest Park	
RW-Nat/StPark/Forest-Type2	National or State Forest Park Hash	
RW-NonVehicularAccess	Non-Vehicular Access Line	
RW-PerpetualEasement	Perpetual Easement	
RW-PropertyLine	Property Line	
RW-Proposed	Proposed Right of Way	
RW-QuarterSection	Quarter Section	
RW-RailroadBL	RailRoad	
RW-SectionLine	Section Line	
RW-StateLine	Government: State Line	
RW-Subdiv-Double*	Subdivision Boundary Arrows Double	
RW-Subdiv-DoubleLeft*	Subdivision Boundary Arrows Two Left	
RW-Subdiv-DoubleLeftOnly*	Subdivision Boundary Arrows Two Left Only	
RW-Subdiv-DoubleRight*	Subdivision Boundary Arrows Two Right	
RW-Subdiv-DoubleRightOnly*	Subdivision Boundary Arrows Two Right Only	
RW-Subdiv-Single*	Subdivision Boundary Arrows	
RW-Subdiv-SingleLeft*	Subdivision Boundary Arrows Single Left	
RW-Subdiv-SingleRight*	Subdivision Boundary Arrows Single Right	
RW-TemporaryEasement	Easements Temporary	

Name	Description	Sample Image
RW-TIITFMurphyResLine	Safe Upland TIITF - Murphy Reservation	
RW-TownshipRange	Township Range	
RW-WaterMapBoundary	Major Water Mapping Boundary	
SG-Cable	Signal Cable	
SG-Conduit	Signal Conduit	
SG-Conduit-Existing	ConduitLT Existing	
SG-ConduitAG-Proposed	Conduit – Above Ground	
SG-ConduitBM-Proposed	Conduit – Bridge Mount	
SG-ConduitDB-Proposed	Conduit – Directional Bore	
SG-ConduitJB-Proposed	Conduit – Jack & Bore	
SG-ConduitOT-Proposed	Conduit – Open Trench	
SG-InterconCable-Existing	Interconnect Cable Existing	
SG-InterconCable-Proposed	Interconnect Cable Proposed	
SWP-HayBales	Hay Bales	
SWP-InletProt	Inlet Protection	
SWP-SedimentBarrier	Sediment Barrier	
SWP-TurbidityBarrier-Type1	Turbidity Barrier Type 1	
SWP-TurbidityBarrier-Type2	Turbidity Barrier Type 2	
UT-BuriedCable-Existing(B)	Buried Cable TV Existing Type B	<i>BTV(B) - - - - - BTV(B) - - - - -</i>
UT-BuriedCable-Existing(C)	Buried Cable TV Existing Type C	<i>BTV(C) - - - - - BTV(C) - - - - -</i>
UT-BuriedCable-Existing(D)	Buried Cable TV Existing Type D	<i>BTV(D) - - - - - BTV(D) - - - - -</i>
UT-BuriedCable-Proposed	Buried Cable TV Proposed	<i>BTV BTV BTV BTV BTV BTV BTV</i>
UT-BuriedElec-Existing(B)	Buried Electric Existing Type B	<i>BE(B) - - - - - BE(B) - - - - -</i>
UT-BuriedElec-Existing(C)	Buried Electric Existing Type C	<i>BE(C) - - - - - BE(C) - - - - -</i>
UT-BuriedElec-Existing(D)	Buried Electric Existing Type D	<i>BE(D) - - - - - BE(D) - - - - -</i>
UT-BuriedElec-Proposed	Buried Electric Proposed	<i>BE BE BE BE BE BE BE BE BE BE</i>
UT-BuriedFOC(B)-Existing	Buried Fiber Optic Cable Existing Type B	<i>BFOC(B) - - - - - BFOC(B) - -</i>
UT-BuriedFOC(C)-Existing	Buried Fiber Optic Cable Existing Type C	<i>BFOC(C) - - - - - BFOC(C) - -</i>
UT-BuriedFOC(D)-Existing	Buried Fiber Optic Cable Existing Type D	<i>BFOC(D) - - - - - BFOC(D) - -</i>
UT-BuriedFOC-Proposed	Buried Fiber Optic Cable Proposed	<i>BFOC BFOC BFOC BFOC BFOC BFOC</i>
UT-BuriedFOE(B)-Existing	Buried Fiber Optic Electric Existing Type B	<i>BFOE(B) - - - - - BFOE(B) - -</i>
UT-BuriedFOE(C)-Existing	Buried Fiber Optic Electric Existing Type C	<i>BFOE(C) - - - - - BFOE(C) - -</i>
UT-BuriedFOE(D)-Existing	Buried Fiber Optic Electric Existing Type D	<i>BFOE(D) - - - - - BFOE(D) - -</i>

Name	Description	Sample Image
UT-BuriedFOE-Proposed	Buried Fiber Optic Electric Proposed	BFOE BFOE BFOE BFOE BFOE BFOE
UT-BuriedFOT(B)-Existing	Buried Fiber Optic Telephone Existing Type B	BFOT(B) - - - - - BFOT(B) - -
UT-BuriedFOT(B)-Existing	Buried Fiber Optic Telephone Existing Type C	BFOT(C) - - - - - BFOT(C) - -
UT-BuriedFOT(B)-Existing	Buried Fiber Optic Telephone Existing Type D	BFOT(D) - - - - - BFOT(D) - -
UT-BuriedFOT-Proposed	Buried Fiber Optic Telephone-Proposed	BFOT BFOT BFOT BFOT BFOT BFOT
UT-BuriedTel-Existing(B)	Buried Telephone Existing Type B	BT(B) - - - - - BT(B) - -
UT-BuriedTel-Existing(C)	Buried Telephone Existing Type C	BT(C) - - - - - BT(C) - -
UT-BuriedTel-Existing(D)	Buried Telephone Existing Type D	BT(D) - - - - - BT(D) - -
UT-BuriedTel-Proposed	Buried Telephone Proposed	BT BT BT BT BT BT BT BT BT
UT-Casing-Existing(B)	Encasement Existing Type B	CAS(B) - - - - - CAS(B) - - - -
UT-Casing-Existing(C)	Encasement Existing Type C	CAS(C) - - - - - CAS(C) - - - -
UT-Casing-Existing(D)	Encasement Existing Type D	CAS(D) - - - - - CAS(D) - - - -
UT-Casing-Proposed	Encasement Proposed	CAS CAS CAS CAS CAS CAS CAS
UT-Duct-Proposed	Duct Proposed	DT DT DT DT DT DT DT DT DT DT
UT-Gas-Existing(B)	Gas Existing Type B	G(B) - - - - - G(B) - - - - -
UT-Gas-Existing(C)	Gas Existing Type C	G(C) - - - - - G(C) - - - - -
UT-Gas-Existing(D)	Gas Existing Type D	G(D) - - - - - G(D) - - - - -
UT-Gas-Proposed	Gas Proposed	G G G G G G G G G G G G G G G G
UT-NonPotableWater-Existing(B)	Non-Potable Water Existing Type B	NPW(B) - - - - - NPW(B) - - - -
UT-NonPotableWater-Existing(C)	Non-Potable Water Existing Type C	NPW(C) - - - - - NPW(C) - - - -
UT-NonPotableWater-Existing(D)	Non-Potable Water Existing Type D	NPW(D) - - - - - NPW(D) - - - -
UT-NonPotableWater-Proposed	Non-Potable Water Proposed	NPW NPW NPW NPW NPW NPW NPW
UT-OverheadCable-Existing	Overhead Cable TV Existing	OTV - - - - - OTV - - - - -
UT-OverheadCable-Proposed	Overhead Cable TV Proposed	OTV OTV OTV OTV OTV OTV OTV
UT-OverheadElec-Existing	Overhead Electric Existing	OE - - - - - OE - - - - -
UT-OverheadElec-Proposed	Overhead Electric Proposed	OE OE OE OE OE OE OE OE OE OE
UT-OverheadFOC-Existing	Overhead Fiber Optic Cable Existing	OFOC - - - - - OFOC - -
UT-OverheadFOC-Proposed	Overhead Fiber Optic Cable Proposed	OFOC OFOC OFOC OFOC OFOC
UT-OverheadFOE-Existing	Overhead Fiber Optic Electric Existing	OFOE - - - - - OFOE - - -
UT-OverheadFOE-Proposed	Overhead Fiber Optic Electric Proposed	OFOE OFOE OFOE OFOE OFOE
UT-OverheadFOT-Existing	Overhead Fiber Optic Telephone Existing	OFOT - - - - - OFOT - -
UT-OverheadFOT-Proposed	Overhead Fiber Optic Telephone Proposed	OFOT OFOT OFOT OFOT OFOT

Name	Description	Sample Image
UT-OverheadTel-Existing	Overhead Telephone Existing	OT - - - - - OT - - - - -
UT-OverheadTel-Proposed	Overhead Telephone Proposed	OT OT OT OT OT OT OT OT OT OT
UT-Petroleum-Existing(B)	Petroleum Existing Type B	PET(B) - - - - - PET(B) - - - -
UT-Petroleum-Existing(C)	Petroleum Existing Type C	PET(C) - - - - - PET(C) - - - -
UT-Petroleum-Existing(D)	Petroleum Existing Type D	PET(D) - - - - - PET(D) - - - -
UT-Petroleum-Proposed	Petroleum Proposed	PET PET PET PET PET PET PET
UT-Sanitary-Existing(B)	Sanitary Existing Type B	S(B) - - - - - S(B) - - - - -
UT-Sanitary-Existing(C)	Sanitary Existing Type C	S(C) - - - - - S(C) - - - - -
UT-Sanitary-Existing(D)	Sanitary Existing Type D	S(D) - - - - - S(D) - - - - -
UT-Sanitary-Proposed	Sanitary Proposed	S S S S S S S S S S S S S S S S
UT-Steam-Existing(B)	Steam Existing Type B	STM(B) - - - - - STM(B) - - - -
UT-Steam-Existing(C)	Steam Existing Type C	STM(C) - - - - - STM(C) - - - -
UT-Steam-Existing(D)	Steam Existing Type D	STM(D) - - - - - STM(D) - - - -
UT-Steam-Proposed	Steam Proposed	STM STM STM STM STM STM STM
UT-Water-Existing(B)	Water Existing Type B	W(B) - - - - - W(B) - - - - -
UT-Water-Existing(C)	Water Existing Type C	W(C) - - - - - W(C) - - - - -
UT-Water-Existing(D)	Water Existing Type D	W(D) - - - - - W(D) - - - - -
UT-Water-Proposed	Water Proposed	W W W W W W W W W W W W W W W W

3.8 CELL LIBRARIES / BLOCK DRAWINGS

Cells / Blocks are frequently used as repeated components of drawings made up of complex symbols, notations, details, or parts of drawings that can be inserted into one or many other drawings. Cells are defined and stored in MicroStation design files called a Cell Libraries with a .cel file extension and in AutoCAD are called Blocks Drawings.

Cells / Blocks have been grouped by disciplinary usage into the Department’s Standard Cell Libraries delivered with the CADD Software Suite for MicroStation located under the FDOTXXX\RESOURCES\Cell\ subfolder and Block Drawings delivered in the FDOT State Kit for AutoCAD located under the FDOTXXXX.C3D\Data\Blocks\ subfolder.

The Department’s Standard Cell Libraries / Block Drawings are listed in the following table. (Links are available to open complete listings of all cells within each Cell Library.)

Note AutoCAD Block Drawings can be accessed via AutoCAD's Design Center to access individual blocks.

MicroStation CELL LIBRARIES	AutoCAD BLOCK DRAWINGS	DESCRIPTION
FDOT Cell Libraries - Master		Master listing of all FDOT Cells
alphabet.cel		Alphabet & Numbers
arrows.cel	arrows.dwg	Distance & GuidSIGN Arrows
Drain_Bottom3D.cel	(Civil 3D Drainage Parts)	Drainage Bottom (3 Dimensional used for SUDA)
Drain_Curbs3D.cel	(Civil 3D Drainage Parts)	Drainage Curbs (3 Dimensional used for SUDA)
Drain_Grate3D.cel	(Civil 3D Drainage Parts)	Drainage Grate (3 Dimensional used for SUDA)

MicroStation CELL LIBRARIES	AutoCAD BLOCK DRAWINGS	DESCRIPTION
Drain_Junction3D.cel	(Civil 3D Drainage Parts)	Drainage Junction (3 Dimensional used for SUDA)
Drain_Nodes3D_EX.cel	(Civil 3D Drainage Parts)	Drainage Nodes (3 Dimensional used for SUDA)
Drain_Outlet3D.cel	(Civil 3D Drainage Parts)	Drainage Outlet (3 Dimensional used for SUDA)
DrainXS.cel	DrainXS.dwg	Drainage Structure Cross Sections
drplan.cel	drplan.dwg	Drainage Proposed
drplan_ex.cel	drplan_ex.dwg	Drainage Existing
ftpsigns.cel	ftpsigns.dwg	Florida Traffic Plans Signs
geotech.cel	geotech.dwg	Geotechnical
its.cel	its.dwg	Intelligent Transportation Systems Signs
Landscape.cel	landscape.dwg	Landscape
Lighting.cel	lighting.dwg	Lighting
Mutcd.cel	mutcd.dwg	Manual on Uniform Traffic Control Devices
PavementMarkings.cel	pavementmarkings.dwg	Pavement Markings
Photogrammetry.cel	Photo.dwg	Photogrammetry
Roadway.cel	Roadway.dwg	Roadway
row.cel	ROW.dwg	Right of Way
rweng.cel	rweng.dwg	Survey Symbols for Right of Way
Seals.cel	Seals.dwg	Professional Seals for Digital Signatories
Signalization.cel	signalization.dwg	Signalization
SignalPoles.cel	signalpoles.dwg	Signal Poles
syeng.cel	syeng.dwg	Survey Symbols for Roadway
TollPlaza.cel	TollPlaza.dwg	Toll Plaza Signs
tplabels.cel	tplabels.dwg	Traffic Plans Labels
TrafficControlPlans.cel	TrafficControlPlans.dwg	Traffic Control Plans
TrafficControlTypicals.cel	TrafficControlTypicals.dwg	Traffic Control Typical
TTF_StdDataTables.cel	StdDataTables.dwg	Structures Standard Data Tables
TTF_v8structures.cel	Structures.dwg	Structures
TypicalSection.cel	TypicalSections.dwg	Typical Sections
utilities.cel	utilities.dwg	Utilities
Utilities3D.cel	(Civil 3D Parts)	Utilities (3 Dimensional)
v8structurespatterns.cel		Patterns for Structures
XMSuperSection.cel		Structures for Super sections
xsections.cel		Cross Sections

AutoCAD DYNAMIC BLOCKS	DESCRIPTION
BoreHOLE.dwg	Bore Holes
Master Table Drawing.dwg	Master of All Summary Tables
Sheet Border.dwg	Sheet Borders
SheetPOR-Consultant.dwg	Professional of Record for Consultants

AutoCAD CIVIL BLOCKS
Bus Bay with Type F Curb.dwg
CurbGutter.dwg
Driveway.dwg
Mast Arm Assemblies.dwg
Tapered TurnLane with Type F Curb.dwg
Traffic Separator with Tapered Median.dwg

3.9 TEXT

The Department delivers a set of True Type Font (TTF) files to ensure text uniformity between applications supporting TTF fonts and legibility of CADD drawings. The Department’s CADD Software Suite delivers a set of proportional and uniformed spaced True Type Font files using vertical and slanted characters, the detail of which is reflected in the table below. These font files have additional characters added into the gaps of the Unicode definition, so engineering symbols like: \mathcal{L} , \mathcal{L} , \mathcal{B} , Δ and fraction combinations are supported in the FDOT fonts directly. The MicroStation based *zdotfont.rsc* and *structuresfont.rsc* resource files are also delivered with the CADD Software to maintain legacy compatibility for older CADD files predating the use of True Type fonts.

Although not recommended, MicroStation can utilize fonts contained within MicroStation RSC, AutoCAD SHX, and True Type Font files. MicroStation will read multiple font resource files according to the paths set by the MS_FONTSPATH configuration variable in the selected workspace, and True Types Fonts registered with the Windows operating system. Within a MicroStation design file, font resources are compiled into a list of fonts from all the resource files that are found. The *MstnFontConfig.xml* file located by the MS_FONTCONFIGFILE variable determines if duplicate font names are displayed in font selection and lists how to resolve duplicate font names; likewise, AutoCAD can utilize multiple font sources. It is strongly recommended to use the FDOT True Type fonts exclusively.

3.9.1 True Type Fonts (TTF)

The Department’s TTF files contain special characters used by designers that are not normally found in standard publishing fonts. (See the Unicode mapping standard: <http://www.unicode.org/charts/>)

Note If the FDOT TTF files are registered with the Windows operating system, the fonts may be used in any standard Windows program like Word, Excel, or any other applications supporting TTF.

Font	Description
FDOT	Standard slanted proportional spaced font used for most annotations
FDOT Bold	Bold version of the FDOT font
FDOT Heavy	Heavier Bold version of the FDOT font
FDOT Imprint	Chiseled font (<i>Used mainly within the FDOT sheet border</i>)
FDOT Imprint Bold	Bold version of FDOTImprint font (<i>Used mainly within the FDOT sheet border</i>)
FDOT Mono	Standard mono-spaced font (<i>Used mainly in tables to keep characters aligned vertically</i>)
FDOT Mono Bold	Bold version of FDOTMono font
FDOT Mono Heavy	Heavier Bold version of FDOTMono font
FDOT Vert	Non-slanted proportional spaced version of FDOT font (<i>Used mainly by Right Of Way discipline</i>)
FDOT Vert Bold	Bold version of FDOTVert font (<i>Used mainly by ROW</i>)
FDOT Vert Heavy	Heavier Bold version of FDOTVert font (<i>Used mainly by ROW</i>)
FDOT Vert Mono	Mono-spaced version for FDOTVert font (<i>Used mainly in tables used mainly by ROW</i>)
FDOT Vert Mono Bold	Bold version of FDOTVertMono font (<i>Used mainly by ROW</i>)
FDOT Vert Mono Heavy	Heavier Bold version of FDOTVertMono font (<i>Used mainly by ROW</i>)

3.9.2 Text Size and Spacing

The Department employs standard text sizes to ensure uniformity and legibility on CADD drawings and for printed output. The appropriate text size is dependent on the plot scale selected. Since the most important issue with text is legibility, the font, weight and text size may vary when necessary. Text line spacing should be, on average, three-fourths of the text height.

The Department’s CADD Software Suite provides several Text Levels and Text Styles for designers to choose as a starting point to create text to fit their needs. Text Levels can be identified by the Level / layer naming convention beginning with the string “Text” (i.e. TextBLStation, TextLable, TextNotes).

The following table should be used as a *guideline* for standard text size definitions for plans at given scales.

➤ **Text for B-Size Plans (11” x 17” paper)**

Scale	1”=1’	1”=20’	1”=40’	1”=50’	1”=100’	1”=200’	1”=400’	1”=500’
Minimum	0.06	1.2	2.4	3	6	12	24	30
Desired	0.07	1.4	2.8	3.5	7	14	28	35
Maximum	0.125	2	4	5	10	20	40	50

➤ **Text for D-Size Maps (24” x 36” paper)**

Scale	1”=1’	1”=20’	1”=40’	1”=50’	1”=100’	1”=200’	1”=400’	1”=500’
Minimum	0.08	1.6	3.2	4	8	16	32	40
Desired	0.10	2	4	5	10	20	40	50

3.9.3 Standard Abbreviations

- [Index 001 Design Standards FY 2017-18](#)

3.10 FDOT PRINT RESOURCE FILES

3.10.1 MICROSTATION PRINT RESOURCE FILES

The Department's CADD Software Suite supplies several MicroStation print configuration example files to generate prints to scale using the sheet cells (also provided with the CADD Software) on those specific printers. All print configuration files supplied have raster printing enabled. These print configuration files are examples due to various site-specific configurations and the types of printers that might be encountered.

The table below lists the print configuration file names and the type of printer on which it was developed / tested. Each printer has its own printable area on the paper for which it can print. For this reason, if a specific printer is not listed below, the print configuration file may require modification by the user to be used for another printer.

PRINT RESOURCE FILES	PRINTER	DESCRIPTION
36x24.pro	N / A	Controls postscript image/print output
Color.plt		Color 11x17 (Raster Capable) Uses FDOT.TBL pen table and PSCRIPT.PRO prolog file.
Color_FDOTPDF.pltcfg	N/A	Creates a color Portable Document Format (PDF) file. (Raster Capable) Uses FDOT.TBL pen table.
Color_Keysheet.pltcfg	ANY	To be used when printing key sheets containing maps with filled shapes.
FDOT.tbl	N/A	Pen table that also enters username, date time, and sheet border path.
FDOT_GrayExisting.tbl	N/A	Pen table that enters username, date time, sheet border path, and applies gray scale to files named like: TOPO*, UTEX*, and DREX*
FDOTbatchplt.spc	N/A	Batch print specification file customized for the Department's print configuration files. (Only used with old Batch Print dialog). This print configuration file is being replaced with Print Styles in MicroStation V8i)
FDOTPDF.plt	N/A	Creates a .PDF file. (Raster Capable) Uses FDOT.TBL pen table.
FDOTprinter.plt	Windows Printer	Copy of Bentley's PRINTER.PLT with weights and styles set to CADD standards. Uses FDOT.TBL pen table.
HP1055.plt	HP 1055 CM	Monochrome 36x24 (Raster Capable) Uses 36x24.PRO prolog file.
HP1055C.plt	HP 1055 CM	Color 36x24 (Raster Capable) Uses 36x24.PRO prolog file.
HP5000.plt	HP 5000 GN	Monochrome 11x17 (Raster Capable) Uses FDOT.TBL pen table and HPTTABL1.PRO prolog file.
HP5000Legal.plt	HP 5000 GN	Monochrome 8.5x14 (Raster Capable) Uses FDOT.TBL pen table and HPTLEGAL.PRO prolog file.
HP5000Letter.plt	HP 5000 GN	Monochrome 8.5x11 (Raster Capable) Uses FDOT.TBL pen table and HPTLETTER.PRO prolog file.
hpglrtl.pltcfg	Large Format	Intended for use when printing large format monochrome sheets. (Raster Capable)
hpglrtl_c.pltcfg	Large Format	Intended for use when printing large format color sheets. (Raster Capable)
PostScript.plt	N/A	Creates postscript image file. (Raster Capable) Uses FDOT.TBL pen table and HPTTABL1.PRO prolog file.

PRINT RESOURCE FILES	PRINTER	DESCRIPTION
Postscript36x24.plt	N/A	Creates postscript image file. (Raster Capable) Uses FDOT.TBL pen table and 36x24.PRO prolog file.
pscript.pro	N/A	Controls postscript image / print output
XeroxN40.plt	XEROX Docuprint N4025	Monochrome 11x17 (Raster Capable) Uses FDOT.TBL pen table and HPTTABL1.PRO prolog file.

3.10.2 AutoCAD/Civil 3D PRINT RESOURCE FILES

The Department's CADD Software Suite supplies several AutoCAD print configuration files to generate prints to the Departments print standards.

PRINT RESOURCE FILES	DESCRIPTION
FDOT.stb	Controls the color mapping of display objects to print objects.
FDOTPDF.pc3	Predefined pdf plot settings such as paper size/orientation, margins, plotter name.
FDOTPDF.pmp	Used to define custom paper sizes.

Chapter 4

CADD PRODUCTION PROCEDURES

4.1 PURPOSE

This chapter establishes the minimum requirements for the production of Florida Department of Transportation (Department) Computer Aided Design and Drafting (CADD) projects in accordance with the Department's plans preparation procedures and practices.

4.2 SCOPE

These procedures are applicable to the CADD applications utilized by and for the Department in the production process. They are intended to complement and support the policies, procedures and standards of the Department in accordance with *Procedure No. 025-020-002, Standard Operating System*.

4.3 ACCOUNTABILITY

These procedures do not exempt the professional from performing responsible engineering, surveying and mapping or architecture. The policies and procedures of the Department and appropriate professional practice take precedence when providing professional services for the Department. The professional must have the final responsibility for the accuracy of all input and output of CADD applications.

4.4 DEFINITIONS

Bid Set: A sub-set of files consisting of data derived from the overall Project Data Set containing only those files needed for the advertisement and letting of a project. The files needed for the Bid Set remain in their source folder structure derived from the Project Data set. For Digital Delivery projects, the data in the Bid Set is usually compiled manually and put in a ZIP file with a naming convention defined later in this chapter.

CADD Production: The development of projects utilizing CADD applications, software and discipline-based processes.

Calculations Folder: Excel files, Portable Document Format (PDF) files and any associated quantity backup data for the plan summary boxes.

DQE: Design Quantities and Estimates System. The Department's program for estimating construction cost for projects.

Digital Delivery: A method to deliver project data which relies upon creating a compressed archive (ZIP file) of project data, PDF files of Plans and Specifications documents, which are signed and sealed with a Digital Signature.

Engineering Data: Those electronic files that represent the critical geometric and quantitative controls or other data supporting the graphical representation (design) of a project.

File Checker: An application to assist with the verification of Quality Control (QC) compliance to Delivery standards, such as folder structure, file naming, etcetera.

Journal: Electronic file(s) that document development, correspondence, decisions made, methodology used, exceptions to standards, or other descriptive information about the project. The Electronic Journal includes details that must give future users insight about the project data.

Letting: The process of advertising, selection, and award of a contract for the construction of a project.

Plans Change: (*Plans Preparation Manual* (PPM) Volume 1, Chapter 20 definition) Modification to a set of plans, after Program Management has changed the Control Group, but before the plans are sent to the Department's Central Office.

Project: Projects are identified by the Department through the Financial Project Identification Number (FPID) which becomes the name of the project's root folder. Note that multiple deliveries can occur for a single project, each representing the status of the project at the time of delivery.

Project Component: All electronic files that represent and support a delivery by a discipline as part of a project.

Project Discipline Folder: The data structure and organization of electronic files on the storage media, as a sub-folder of the project's root folder.

Project Data Set: All of the files used or produced during the development of the project and placed in the Project Folder structure.

Project Folder: The parent folder of a project containing all project component Folders and data (see Project Root Folder).

Project Manager: The person responsible for ensuring that the scope of work is accomplished for a project and the receipt, acknowledgment, validation and acceptance of the project data.

Project Root Folder: The file system folder that contains all of the projects' files and folders. The project root folder should not contain files that do not pertain to the project, nor should files that are part of the project reside outside of the project root folder, or one of its sub-folders.

Reference File: A design file or other file type that is attached to and viewed simultaneously with the active design file.

Resolution: The number of addressable points across a given area. For example, printer resolution is measured in lines or dots per inch, while screen resolution is usually given indicating the number of pixels across the width and height of the largest image that can be displayed. MicroStation design files have a user-definable resolution, called Units of Resolution (UORs).

Root Certificate: Cryptographic information installed on a computer that identifies the Certificate Authority and allows the identity of the Signatory to be validated against the identity records held by the Certificate Authority. This process usually requires a connection to the Internet.

Seed File: A predefined settings file used to create a new design files or cell libraries.

Seed Project: A predefined folder structure that contains all folders listed further in this chapter, as well as other project configuration files. The "seed" is the beginning structure of a project which gets populated with data as the project development occurs.

Sheet Navigator: An application which runs within MicroStation, allowing users to browse and open MicroStation files containing sheets for verification or editing. Its purpose is to 'tag' sheets with data that supports later processes for both Indexing and Printing. It is a foundation utility for delivery processes and should be run against every MicroStation design file containing sheets.

Sheet Set Organizer (SSO): An application which runs in conjunction with AutoCAD's Sheet Set Manager. Its purpose is to combine and organize DST files created by Sheet Set Manager. It updates fields in DWG files with data that supports later indexing and printing. It is a foundation utility for subsequent delivery processes using AutoCAD Civil 3D, ensuring sheet data can be extracted properly.

Strung Project: Two or more projects let in the same contract.

Standard Operating Instructions: Instructions for operating CADD applications intended to help guide the user in CADD production activities.

4.5 REFERENCES

[Standard Operating System, Topic No. 025-020-002](#)

[Plans Preparation Manual Volume 1 & 2, Topic Nos. 625-000-007/625-000-008](#)

4.6 CADD RESOURCES

The *CADD Manual* is maintained by Production Support CADD Office (CADD). CADD updates and distributes the *CADD Manual* in conjunction with CADD Software releases.

4.7 STANDARD PROJECT FOLDER

The data for each of the Department’s projects is organized and delivered using a standard Project Folder structure defined in this chapter. The Project Folder (Project Root Folder) must be named the Department’s FPID, using all eleven digits. New projects should be created using tools developed and provided by the CADD and delivered with the CADD Software Suite. The Department provides an application called *CreateProject* can be used to initiate the Project folder structure. The Department also provides an application *FileChecker* to help confirm the Project folder structure during QC processes.

4.7.1 Create Project

The *Create Project* application creates the Project Folder structure and prompts the user for additional project specific information. The project folder contains standard sub-folder names for defined disciplines along with support and resource files specific to the project.

Digital Delivery allows unused sub-folders of the project folder to be deleted if they remain empty. Sub-folders have a purpose for the file content they will receive. For example, a cell library developed for a specific project has a dedicated holding sub-folder named \Cell\ in the standard project folder structure.

The _meta_info\ sub-folder is used by the FDOT Workspace to establish the top level of the project folder structure and for other purposes. The _meta_info\ sub-folder is required and must not be removed for delivery.

Note An exception - Specifications Only Projects do not have a _meta_info\ sub-folder. See Section 4.13.17.

4.7.2 Standard Project Folder Structure

The Department’s standard project folder structure and file naming conventions are based on the anticipated workflow of the Department’s projects and the usual separation of work. Digital Delivery allows any unused (empty) sub-folder to be deleted with the **exception of the _meta_info\ sub-folder.**

The following table displays the standard project folder structure with a descriptive purpose:

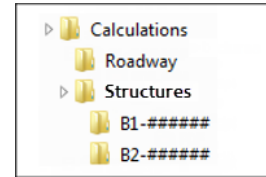
Folder Names	Purpose
Project Name (FPID)	Root Project Folder: contains fpid-PLANS.PDF
_meta_info\	Files used by the FDOT Workspace (Do Not Remove. Required sub-folder.)
_Shortcuts\	Data shortcuts (data for Civil 3D projects only - not used by MicroStation)
\3DDeliverables\	Copies of specific Design Files for Contractor convenience for 3D models, includes LandXML files of critical geometrics and surfaces
\admin\	Administrative documents (email, correspondence, etcetera)
\eng_data\	Typically contain QC reports
\arch\	Architectural design files
\eng_data\	Typically contain QC reports
\brinspect\	Bridge Inspection files
\eng_data\	Typically contain QC reports
\calculations\	Excel files, PDF files and any associated quantity backup data for the Plan Summary Boxes for Roadway and Structures
\Cell\ (or \Block\)	Project specific cell libraries (or project block libraries created for Civil 3D)

Folder Names	Purpose
\concepts\	Various preliminary concepts
\eng_data\	Typically contain QC reports
\const\	Construction files (i.e.: "As-Builts")
\eng_data\	Typically contain QC reports
\data\	Project data files (i.e. journals, material backgrounds for rendering, pen tables, print configuration files, etcetera)
\drainage\	Drainage design files
\eng_data\	Typically contain QC reports and calculations
\emo\	Environmental Management files
\eng_data\	Typically contain QC reports
\estimates\	Estimates files
\eng_data\	Typically contain QC reports
\geotech\	Geotechnical data files
\eng_data\	Typically contain QC reports
\GIS\	Geographic Information System Deliverables
\ITS\	Intelligent Transportation Systems design files
\eng_data\	Typically contain QC reports
\landscpl\	Landscape design files
\eng_data\	Typically contain QC reports
\lighting\	Lighting design files
\eng_data\	Typically contain QC reports
\maint\	Maintenance department (This is not Maintenance of Traffic).
\eng_data\	Typically contain QC reports
\material\	Other Materials data files
\eng_data\	Typically contain QC reports
\out\	Other miscellaneous Output files
\permits\	Permits for various items (i.e.: ponds, driveways, mailboxes, etcetera)
\eng_data\	Typically contain QC reports
\planning\	Planning files
\eng_data\	Typically contain QC reports
\preestim\	Preliminary estimates files
\eng_data\	Typically contain QC reports
\roadway\	Roadway design files
\eng_data\	Typically contain QC reports
\rwmap\	Right of Way Mapping files
\eng_data\	Typically contain QC reports
\seed\	Project specific seed files
\signals\	Signalization design files
\eng_data\	Typically contain QC reports
\signing\	Signing and Pavement Marking design files
\eng_data\	Typically contain QC reports
\specs\	Source files used to create the Specifications Package*
\eng_data\	Typically contain QC reports
\struct\	Structure design files
\eng_data\	Typically contain QC reports
\survey\	Survey database and surveying design files
\eng_data\	Typically contain QC reports
\syml\	Project specific resource files for fonts and custom line styles
\trafops\	Traffic Operations data files
\eng_data\	Typically contain QC reports
\utils\	Utility data and design files
\eng_data\	Typically contain QC reports

4.7.2.1 Calculations Project Folder

This Project sub-folder contains the Excel summary box templates and custom spreadsheets, PDF or TIFF files of hand drawn sketches and calculations, PDF files generated from other programs (i.e. Mathcad), and any associated *quantity backup data* for the Plan Summary Boxes for Roadway and Structures.

Subfolders specific for Roadway and Structures may be created under the \Calculations\ sub-folder to aide in organization of documentation. Under the Project \Calculations\ Structure sub-folder, separate sub-folders may be created for each bridge and/or structure in the project.



4.7.2.2 Discipline Sub-Folders

Discipline sub-folders of a project are generally defined for the division of work and the files they typically would contain. Roadway designers would typically place files they create and “own” under the \Roadway\ sub-folder of the project, Surveyors under the \Survey\ sub-folder, and so forth. In some cases, disciplines may have work that overlaps with other areas of a design. For example, if a Roadway designer develops the drainage sheets, the files produced would, by the above convention, go in the \Roadway\ folder rather than the \Drainage\ folder as the “Roadway” designer is the owner of the work. However, if so desired, those files could have been put in the \Drainage\ sub-folder instead, but file management permissions (for access control systems such as Vault, ProjectWise, Falcon/DMS, and etcetera) must be taken into consideration.

➤ **Engineering Data Sub-Folders:**

Each discipline sub-folder contains an additional sub-folder named \eng_data\. These sub-folders are designated to hold the QC reports (produced by the QC tools) and certain other files.

Note Plan sheets are not required to be printed to the \eng_data\ sub-folder, but may instead be printed directly to a multi-sheet PDF of the plans (stored in the root folder of the project). Remember that empty sub-folders can be deleted in Digital Delivery.

➤ **Custom Sub-Folders:**

In some cases, it is desirable to create “non-standard” or custom sub-folders for additional segregation of work. This is common when multiple parties work in a single discipline. In these cases, the data must be managed, especially when subdivision of the files into additional sub-folders just makes sense. These additional sub-folders can be created under the discipline standard project sub-folders to accommodate these circumstances, but must not to be created under the root folder for the project. These custom sub-folders must adhere to the restrictions for sub-folder names as defined below:

- Certain special characters are not recognized by some programs for sub-folder names and must be avoided (even if they are valid characters for Windows folder names).
- Alphanumeric characters (a-Z), dashes (-), and underscores (_) are therefore the only permissible characters for sub-folder names.
- Spaces must not to be used in any folder or file name for the Department projects.
- Sub-folder names must not exceed 16 characters. File names may exceed 40 characters, but should be kept as concise as possible to help meet full path length restrictions.

Note Examples of characters that should NEVER be used in sub-folder (or file) names include the characters: &, %, |, \$, ?, <, >, !, even if permissible by the Windows Operating System). Some characters represent escape sequences to certain programs and will cause problems.

- Full path lengths are also generally limited to 1024 characters (or less) total by some software. Overall path length (path plus filename) must be taken into account when creating folders (and file) names and may limit the number of sub-folder levels below the project level folder.

Note Remember that the computer (or application) must resolve the full Universal Naming Convention (UNC) path length, even if you have a deep path mapped to a logical drive letter - which could exceed the full path length character limit for some applications. Try to keep your custom folder and file names as concise as possible.

4.8 STANDARD FILE NAMES

This section describes the file naming convention for design files. In the event a particular file name is needed for the project and is not addressed by the schema, consult with either the Project Manager or the District CADD Manager to determine the proper filename to use.

The Department also identifies standard design files as either “critical” or “non-critical.” Critical files are frequently used in downstream applications, shared across disciplines, and used in quantifying pay items. These “critical” files must meet a minimum compliancy for CADD symbology. Standard filenames are discipline specific and are detailed within the respective discipline sections later in this manual. Filename special character restrictions have already been introduced.

4.8.1 Standard Design File Naming Convention

The Department utilizes standard naming conventions for design files and provides applications that depend on these naming conventions being met. The naming convention also confers information to downstream users about the data contained in the design file.

➤ **Standard design file names follow this format: AAAABB##.ext**

AAAA = Abbreviated File Description, as defined in the Discipline Standards later in [Section 4.13](#).

BB = Discipline *Designation*,

= A file Sequence Number (*a padded integer, i.e. “00”, “01”, “02” ... “99”, used to sequence additional files of the same Description + Denotation*),

.ext = File extension indicating the type of file.

For Example: The first proposed Roadway cross section file would be named: *rdxsr01.dgn*

The first six (6) characters of the standard design file naming convention described above are also critical triggers for QC software and symbology filters. If it is necessary to add additional descriptive information in the design filename, this descriptive information should be inserted after the discipline denotation “BB” and preceding the sequence number “##”. Doing so should be only on rare occasion.

For Example: *rdxsr-rampA-01.dgn*, might indicate this proposed cross section file includes Ramp A.

Note Only letters, numbers, dashes, and underscores characters are permitted in file names. Characters and spaces that interfere with operating system path specifications or XML interpretation such as: (*\ . : ; , < & # >*) must be avoided.

Very large projects might also necessitate the need to exceed two-digit sequence numbers (100+); otherwise the sequence should be limited to two digits. The Department delivers a *CreateFiles* application to assist in producing Design files with the standard naming convention.

Note See Discipline Sections 4.13 – 4.28 of this document for comprehensive coverage of design file naming conventions and CADD Standard Rule assignment applicable to each discipline. See Appendix A for the complete listing of level/symbology standards for each applicable CADD Standard Rule.

4.8.2 Print Image File Naming Convention

MicroStation projects use the application *Sheet Navigator* to extract the sheet and title block data from design files containing sheets. The source design file name and data extracted from those files yields resulting PDF print file names (and defines the sheet’s relationship to the plans component of the project). Sheet Navigator uses the *SheetInfo.xml* control file to determine the component order for sheets in the plans set, mining their location in the project folder structure and the sheet number prefix. The *Sheetinfo.xml* control file defines the standard search criteria to identify sheets in a project and is located in the CADD Software \mdlapps\ sub-folder.

AutoCAD Civil 3D projects use a similar tool called *Sheet Set Organizer (SSO)*. *SSO* also uses the source design file name and data extracted from the sheet layouts in drawings assigned to AutoCAD’s Sheet Set Manager (*.dst*) files for names and organizes plans components of the project.

PDF files are the required format for producing an electronic image of Plans for Digital Delivery. Multi-sheet PDF files representing Plans and / or Specifications have been ruled acceptable to the Boards of Professional Regulation and may be signed and sealed with single or multiple digital signatures. Provisions were made to resolve any potential ambiguity regarding who is responsible for content by using a Signature Sheet (see the Department’s PPM, Volume 2, Chapter 3) for each file signed with a Digital Signature. If more than one professional must sign any given file, a Signature Sheet must appear in that Plans Set (or Component Set) to bear the appearance of each Signatory and include a definition of the portions of that Set each Signatory is taking responsibility for. Data producers are no longer required to retain or sign single files representing each individual sheet of a Plans set.

4.8.2.1 Sheet Numbers

Sheet numbers used in the title blocks of plan sheets are composed of multiple parts using the syntax: **AAA-####Z**. Example Sheet Numbers: S-001A, S-001B, PNC-01, A-15, A-16, T-1, T-2, and 1, 2, 3, etcetera.

- o **AAA** - Represents the sheet number prefix, using multiple alpha characters. Refer to the [Plans Preparation Manual](#) and [Structures Manual](#).
- o **####(Z)** - Defines the numeric order of the sheets within the Plans Component. The optional (Z) suffix allows for the insertion of appended sheets after the project has started, such as the case during revisions. A single alpha character suffix, A-Z, is added for each subsequent sheet inserted for a revised sheet.

Note Structures and Architecture disciplines have extended the sheet numbering schema and the respective discipline instructions should be consulted for additional guidance. These are found in their respective sections later in this Manual.

Sheet Navigator uses sheet number prefixes to determine the plans component each sheets belongs to. The following table identifies each sheet number prefix.

Prefix	Component
[No prefix]	Roadway Plans - (Typical - only an integer is used for most of these sheet numbers)
CTL	Roadway Plans - Project Control Sheets
GR	Roadway Plans - Soil Survey and Report of Core Borings normally associated with the roadway plans set (including miscellaneous structures but excluding bridges and walls)
PC	Roadway Plans – Project Control
SQ	Roadway Plans - Summary of Quantities
TR	Roadway Plans - Tree Survey Sheets
UTV	Roadway Plans - Verified Utility Locate Sheets
IT	Intelligent Transportation System (ITS) Plans
GI	Intelligent Transportation System (ITS) Plans - Soil Survey and Report of Core Borings
LD	Landscape Plans
L	Lighting Plans
GL	Lighting Plans - Soil Survey and Report of Core Borings
T	Signalization Plans
PTM	Signalization Plans - Portable Traffic Monitoring Site Sheets
GT	Signalization Plans - Soil Survey and Report of Core Borings
S	Signing and Pavement Marking Plans
GS	Signing and Pavement Marking Plans - Soil Survey and Report of Core Borings
Begins with "A"	Architectural Plans
BW	Structures Bridge Walls
Begins with "B"	Structures Plans
BP	Structures Pedestrian Bridge Data Sheets
BQ	Structures - Summary of Structures
Begins with "U"	Utility Work by Highway Contractor Agreement Plans

Roadway plans are typically the primary component of the Department’s project plans set containing multiple plan components and can have non-prefixed sheet numbers (1, 2, 3, etcetera). Other disciplines can also be the primary plans component - only in the absence of a Roadway plan component. For example: A Lighting only project may omit the plans component prefix and use the numbering format of 1, 2, 3, etcetera.

4.8.2.2 Print Image File Naming Format

Applications that support printing, such as *Sheet Set Organizer* implement a file naming scheme for PDF files it manages that removes ambiguity about which sheet the file represents (regardless of the sheet-numbering scheme used in the design file) and supports more complex sheet numbering being expected by some disciplines. Digital Delivery does not require individual sheet image files to be delivered, however. If individual sheets are printed to PDF and retained, they must follow the naming convention shown below:

EX: **01_BB1-1A_keysrd01.extension**

 ↓ ↓ ↓

Plans Component Code Sheet # Parent Drawing File Name

Note Image file extension must be Portable Document files (PDF) and Tagged Image Format files (TIF).

- Plans Component Code - [01] The first two numbers represent the Plans Component with zero (0) padding (for file name sorting purposes).

The Department's Standard Plans Component codes (as corresponding to the PPM Volume 2 Chapter 2) are as follows:

- 01 – Roadway
- 02 – Signing and Pavement Marking
- 03 – Signalization
- 04 – Intelligent Transportation Systems (ITS)
- 05 – Lighting
- 06 – Landscape
- 07 – Architectural
- 08 – Structures
- 09 – Toll Facilities
- 10 – Utility Work by Highway Contractor Agreement Plans
- 99 – Unknown (used by *Sheet Navigator* if it cannot determine the Plans Component)

- Sheet # - After the Plans Component Code, an underscore (_) is inserted as a separator, followed by the actual sheet number (BB1-1A) appearing in the title block of the sheet.
- Parent Drawing File Name - After the Sheet #, an underscore (_) is inserted as a separator followed by the name of the source design file (keysrd01).

4.8.3 Typical File Name Extensions

Extension	File Description	Saved-in Folder
.3pc	3 Port Criteria Files	Most appropriate discipline folder
.pdf	Files for the PLANS	Root project folder for <i>fpid</i> -PLANS.pdf for Digital Delivery.
.pdf	Files for the SPECS	\specs\ sub-folder for <i>fpid</i> -SPECS.pdf
.dxf	AutoCAD ASCII Drawing Interchange File	Most appropriate discipline folder
.dwg	AutoCAD Design Files	Most appropriate discipline folder
.dst	AutoCAD Drawing Sheet Set	\eng_data\ sub-folder for the discipline
.dwt	AutoCAD Drawing Template	\seed\ sub-folder of the project
.lin	AutoCAD Linetype	\symb\ sub-folder of the project
.pc3	AutoCAD Printer Configuration	Most appropriate discipline folder or \symb\ sub-folder of the project
.shx	AutoCAD Shape Compiled	\symb\ sub-folder of the project
.shp	AutoCAD Shape Files are ASCII Files	\symb\ sub-folder of the project
.stb	AutoCAD Plot Style Tables	Most appropriate discipline folder or \symb\ sub-folder of the project
.csv	Comma Separated Values	Most appropriate discipline folder
.gpk	Coordinate Geometry Database Files	Most appropriate discipline folder
.alg	Corridor Modeling Alignment Database	Most appropriate discipline folder
.xlp	Corridor Modeling Cross Section Labeling Preference File	Most appropriate discipline folder
.xin	Corridor Modeling Drafting Standards	Most appropriate discipline folder
.rdp	Corridor Modeling Roadway Design Preference File	Most appropriate discipline folder
.ird	Corridor Modeling Roadway Designer Database	Most appropriate discipline folder
.dtm	Corridor Modeling Surface Database	Most appropriate discipline folder
.itl	Corridor Modeling Template Library	Most appropriate discipline folder
.hmr	Descartes Raster Image Files	Most appropriate discipline folder
.gpk	GEOPAK COGO Database	Most appropriate discipline folder
.x	GEOPAK Criteria Files	Most appropriate discipline folder
.ddb	GEOPAK D&C Manager Database Files	Most appropriate discipline folder
.gdf	GEOPAK Drainage File	Most appropriate discipline folder
.dlb	GEOPAK Drainage Library	Most appropriate discipline folder
.inp	GEOPAK Input Files	Most appropriate discipline folder
.prj	GEOPAK Project Manager Project File	Most appropriate discipline folder
.tin	GEOPAK Surface Database	Most appropriate discipline folder
.gif	Graphics Interchange Format	Most appropriate discipline folder
.jpeg,/.jpg	Joint Photographic Experts Group	Most appropriate discipline folder
.log	Log File	Most appropriate discipline folder
.xls(x)	Microsoft Excel Spreadsheets	Most appropriate discipline folder
.doc(x)	Microsoft Word Documents	Most appropriate discipline folder
.rsc	MicroStation & GEOPAK Resource Files	\eng_data\ sub-folder for discipline
.cel	MicroStation Cell Libraries	\cell\ sub-folder of the project folder
.dgn	MicroStation Design Files	Most appropriate discipline folder
.tbl	MicroStation Pen Tables	\eng_data\ sub-folder for discipline
.plt	MicroStation Print Drivers	\eng_data\ sub-folder for discipline
.pset	MicroStation Print Organizer Print Set	Most appropriate discipline folder
.pcf	MicroStation Project Configuration	Project Root folder
.dgnlib	MicroStation Standards Database	\symb\ if copied to local project
.sid	Multi-resolution Seamless Image Database	Most appropriate discipline folder
.ps	Postscript Sheet Image Files	\eng_data\ sub-folder for discipline
.xcp	QC Exception Files	\eng_data\ sub-folder for discipline
.txt	QC Reports, QC "Folder Name"	\eng_data\ sub-folder for discipline
.tif	Tagged Image File	Most appropriate discipline folder
.htm/.html	Web Pages	Project Root folder and \data\ sub-folder
.xml	XML Files	Most appropriate discipline folder

4.8.4 Duplicate Files

There must not be duplicate CADD (DGN, DWG, etcetera) design file names within a project folder structure. This is necessary to ensure proper reference attachments in CADD files. The *FileChecker* application can be used to help find duplicate filenames within the project folder structure.

Note MicroStation and AutoCAD, as part of their search sequence, will use the first occurrence of a file name found as they traverse a folder structure looking for reference attachments with no paths.

Duplicate file names for source attachments can “corrupt” data references. Always use the “relative path” option, but never “full” or “no path” when attaching references.

4.9 REFERENCE FILES

A reference file can be many file types, such as a MicroStation design file, an AutoCAD design file, a raster image file (such as a SID, TIF, or HMR), or a PDF. A reference file is attached as a “background file” to an active design file being edited, thus allowing multiple users to share the information in the reference file without the need to copy the reference file(s) into the active design file folder (creating unnecessary and prohibited duplicates), or copy the referenced file’s content into the active design file.

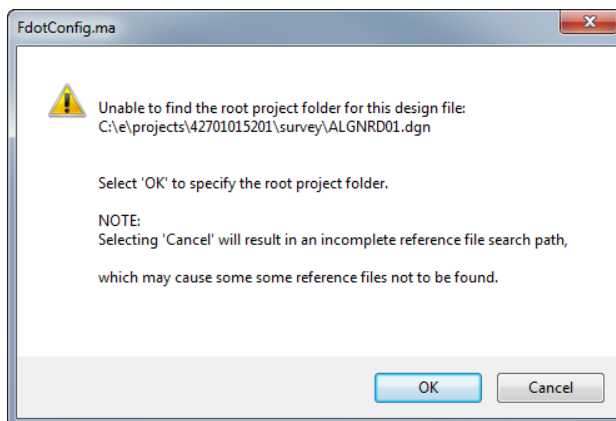
Important Under no circumstances should the “absolute” or “full path” be used when attaching a reference file. Use relative referencing - always! All reference files for the project must reside within the project folder structure.

In MicroStation, reference paths are managed by an application setting (FDOTConfig) that is run at startup of any MicroStation file opened in the FDOT Workspace. This application looks for the `_meta_info\` folder and then moves up one folder to set the root folder for the project. It then dynamically sets the MicroStation configuration variable, `MS_RFDIR`, to search downward from the root folder through all found sub-folders to identify any reference files; therefore, all design files for a project must reside within the Department’s standard folder structure or its sub-folders in order to be located as a reference file.

In AutoCAD Civil 3D, there are two types of reference files used:

- X-references (X-Ref) (Design files)
- Data References (D-Ref) (Data shortcut files located in the `_shortcuts` folder within a project)

If the `_meta_info\` subfolder does not exist, when a file is opened in MicroStation in an FDOT Workspace, the user will be prompted to define the parent folder of the project to enable the application to set the search path for reference files. See the following screenshot:



- If Cancel is selected, any reference to the models of files located in different sub-folders will not be displayed because the `MS_RFDIR` variable could not be populated automatically.
- If OK is selected, the user will be given the opportunity to define the root of the project. The user navigates to the root of the project, named for the Financial Project Identification Number.

Important: If duplicate file names exist in the sub-folders of the project, MicroStation will attach the first matching filename it finds in the path. Therefore, duplicate file names are prohibited!

4.10 SHARING CADD FILES BETWEEN DISCIPLINES

There are times when disciplines share files with other disciplines. If a discipline requires information from another discipline, the needed design file(s) or individual models must be referenced from the original folder, not copied.

For example, the Signing and Pavement Marking design file (*DSGNSP*) references the Roadway design file (*DSGNRD*) and the Topography file (*TOPORD*). These files should not be copied into the Signing and Pavement Marking discipline sub-folder.

Note If there is a specific justification to copy a file into another folder, the filename must be modified to reflect the discipline file name usage. For example, *topord01.dgn* (from the *\survey* sub-folder) would become *toposp01.dgn*, if copied to the *\signing* sub-folder, or as a minimum the sequence number would change to ensure that there is no doubt the copied file differs from the original source file.

The data producer is always responsible to ensure that up-to-date content of the original files is always reflected in their copies of those design files. Making copies of design files to different locations is strongly discouraged for this reason, as the content now must be managed between the originals and the copies.

4.11 PROJECT JOURNAL

A Project Journal must be produced for all projects to document details on project data, design aspects, processes and decisions made during the development that would communicate important information to a down-stream user of the project data. The Journal must be delivered with the Project in either MS Word (*.doc* or *.docx*), text (*.txt*), or Acrobat (*.pdf*) formats.

The Project Journal file(s) may be delivered to document the activities for a given discipline (i.e. a Surveyor's Journal), or may be created to document a particular production activity (i.e. creating cross sections). Journal file entries should document alternate methods employed, variant decisions made, problems encountered, setting selected, fixes included or other issues encountered during the production process outside the normal course of operations.

For example: If custom line styles were created, the justification for the custom line style and the resource file name containing the custom line style should be documented in the Journal. Any information that would help in the regeneration of CADD files and / or prints should be recorded. The critical geometry information, database, controlling alignment(s) and profile names, relevant survey and cross section information and the methodology used to obtain the final geometric controls in the CADD product should be recorded.

4.12 PRINTS

All printing will be generated from the native design files. All print images (PDFs) are produced to scale to match the native application.

Note Not all printer hardware will print paper sheets exactly to scale, even if the source design file, or a resulting print image file (PDF) is to scale.

The Department’s standard sheet borders are defined for the disciplines. Sample print drivers are also provided to generate “drawn to scale” print images for the printer hardware supported. Standard sheet borders delivered with the CADD software comply with the Department’s sheet appearance formats, as defined in the PPM and other controlling procedures.

Print Borders

For MicroStation printing, the Department’s standard sheet files have a print border embedded for each sheet. The defined search criteria for constituting a print area on a sheet is illustrated in the table below.

Note *PlotBorder_dp* and *ShtPlotBorder_c* are the current print border level symbology used in the CADD Software. Typical print border dimension for 11x17 plan sheet prints: 16.5” x 10.6”.

	Border 1	Border 2	Border 3	Border 4	Border 5
Type	Shape	Shape			Shape
Level	PlotBorder_dp	PlotBorderSht	PlotShape	ShtPlotBorder_c	51
Color	BYLEVEL	BYLEVEL	BYLEVEL	BYLEVEL	3

For AutoCAD printing, the Department prints sheets defined in Layout tabs, no search criteria is required.

4.12.2 *Print Image Files*

The PDF print capability provided by both Bentley and Autodesk is the required print format for plans. When PDF files are produced, the user must ensure that no encryption or other PDF security is embedded in the PDF so those print files may be subsequently manipulated (such as rotation to proper viewing orientation, combining into larger multi-page PDF documents, or digitally signing and sealing later in the production process). Note that once a file is digitally signed and sealed, it cannot be manipulated later without invalidating the signatures already applied.

4.12.3 *Foreign Plan Sheets*

In some cases, designers have no choice but to scan pre-existing hardcopy sheets to create digital sheet files. For example, some plan sheets may already exist as hardcopies and were signed & sealed conventionally by wet ink signature and impression seal at some time in the past. This might occur when either pre-existing plans are incorporated into the current delivery, or some professional discipline does not have legal authority to sign and seal their plans digitally. In such cases, those plan sheets should be scanned at minimum of 300 DPI resolution (or higher if warranted), to PDF, or Group-4 Tagged Image File Format (TIFF), according to [Records Management](#). When scanning, use the lightest contrast setting possible such that reprints from the scans have a minimum of scanned “artifacts” and “speckling,” and will read and print legibly.

Note File naming of the scanned sheet files should follow the file naming conventions already described.

If scanning hardcopy plans that bear a raised seal, then the raised seal should be shaded / burnished before scanning so the seal appears clearly in the scanned image. Scanned existing plan sheets already signed and sealed on paper must not be re-signed and sealed with Digital Signature. However, they may be signed-only (not sealed) by a responsible party only to take accountability for their inclusion within a contemporary plan set (using the appropriate qualifiers or exculpatory language).

4.12.4 *Print Drivers*

The example print driver files and the sheet settings provided with the CADD Software are used to generate prints to scale. These driver files are considered “examples,” due to the various site-specific configurations and types of printers that may be encountered. The print driver files were tested and work with the printers for which they were developed, so one may have to make adjustments if their equipment varies.

Each printer has its own “printable” area defined for a paper size which may differ slightly from printer model to printer model. It is the sole responsibility of the person performing the prints to ensure hardcopy printing is operating acceptably for their hardware. All MicroStation print driver files supplied by the Department have raster printing enabled. AutoCAD uses Page Setups and Plot Style tables.

Note See Section 3.10 of this document for a list of MicroStation print driver files delivered by the Department.

4.12.4.1 *MicroStation Half-Toning*

The color 20 is used to define half-toning in the Department’s MicroStation printer driver files. Half-toning of the minor grid lines on the crosssection sheets, the profile portion of the plan / profile sheet and the profile sheet is shown in the *PPM, Volume 2 Exhibits*. The Department’s Project Manager must approve half-toning of any other graphical elements in the design files.

Some Districts have specified half-toning of certain reference files from one discipline to another. For example, the topography file could be half-toned when referenced to the proposed design. This must be approved on a per District basis. A pen table can be set up to equate any referenced file to color 20, thus half-toning the entire reference file at print time.

4.12.4.2 *Quality and Reproduction*

Printed output from the design files or plan sheet image file PDF’s must be legible and of a quality to be reproducible on 2nd generation copies. Line weights as defined in Chapter 3 are default settings, but may need to be adjusted, depending on printer hardware, to produce the required quality of hard-copy printed documents.

4.12.5 *Professional of Record Note*

For those sheets that are digitally signed and sealed by a Professional Engineer, the following note must be placed legibly on the sheet, typically along the right-hand border of the sheet opposite of the binding location:

Note See the PPM; Volume 1, Section 19.2.2, for further information.

“NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.”

Note For additional information about Professional of Record Note and Signature Sheets also see the PPM; Volume 2, Chapter 3.

The regulatory Board Rule number referenced is determined by the discipline of the professional that is signing and sealing (i.e., for Surveyors and Mappers, the Rule is 5J-17.062, F.A.C. For Geologists, the Rule is 61G16-2.005, F.A.C. For Landscape Architects, the Rule is 61G10-11.011, F.A.C. For Registered Architects, the Rule is 61G1-16.005, F.A.C.).

Sheets that are signed by multiple Signatories of different professional types (such as an Architect and an Engineer) will not bear the note unless it can be combined and fit legibly on the border. In such a case, the note might read:

“NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C., AND RULE 61G1-16.005, F.A.C.”

Signatory Sheets have similar notes placed within the body of the sheet within the section for each Signatory, and will not have the note placed along the sheet border. See examples in the PPM, Volume 2 Chapter 3.3.

The Professional of Record Note may be placed on the sheet at any time during the plans production process, however has no force or effect until the sheet is actually signed and sealed.

4.13 DISCIPLINE STANDARDS

4.13.1 Roadway Standards

CADD Standards for component plans are defined in their respective chapters. See the Department's PPM Volume 2 for the Sequence of Plans Preparation and the definition of component plans.

4.13.1.1 Standard File Names

The Department utilizes standard naming conventions and provides automated tools that depend on this naming convention being met. The naming convention confers data information to the downstream customer.

➤ *Standard design file names should follow this format: AAAABB##.ext*

Where **AAA** = abbreviated file description, **BB** = Discipline Denotation, **##** = Sequence number.

The following table defines the Roadway File names with each file including sequential numbering. Standard model names are also provided. Since most Drainage files are shared with Roadway, the two groups must coordinate the creation and ownership of these files.

The file types listed in the following table may be used by other disciplines, and the first four characters of the file name are consistent between disciplines, but the fifth and sixth characters vary to reflect the discipline name. Each discipline chapter details their Standard File Names. Standard Model names are also provided in the table; however, it is not mandatory to use more than the default model, with the exception of those listed in this table.

Note See Section 4.8 of this document for more information about Standard File Names. See Appendix A for the complete listing of level/symbology standards for each applicable CADD Standard Rule.

Sheet Order reflects placement within the Roadway Component of the Contract Plan Set.

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
	Borders & Sheets		BDBRRD##	default	Border Sheet Reference File for Bridge Hydraulic Sheet	planrd	fdotseed2d.dgn	
	Borders & Sheets		BDDMRD##	default	Border Sheet Reference File for Drainage Map Sheet	planrd	fdotseed2d.dgn	
	Borders & Sheets		BDPLRD##	default	Border Sheet Reference File for Plan Sheet	planrd	fdotseed2d.dgn	
	Borders & Sheets		BDPPRD##	default	Border Sheet Reference File for Plan/Profile Sheet	plprrd	fdotseed2d.dgn	
	Borders & Sheets		BDPRRD##	default	Border Sheet Reference File for Profile Sheet	plprrd	fdotseed2d.dgn	
	Borders & Sheets		BDXSRD##	rdxsrd	Border Sheet Reference File for Cross-Section Sheet	rdxsrd	fdotseedxs.dgn	
13	Borders & Sheets		GNNTRD##	default	Project Notes	planrd	fdotseed2d.dgn	fdotmaster.dwt
24	Borders & Sheets		LDPRRD##	default	Lateral Ditch Plan / Profile Sheet	plprrd	fdotseed2d.dgn	fdotmaster.dwt
14	Borders & Sheets		PLANRD##	default	Plan Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
12	Borders & Sheets		PLAYRD##	default	Project Layout Sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt
15	Borders & Sheets		PLPRRD##	default	Plan & Profile Sheets	plprrd	fdotseed2d.dgn	fdotmaster.dwt
	Borders & Sheets		PRDSRD##	default	Project Profile Layout	plprrd	fdotseed2d.dgn	fdotmaster.dwt
17	Borders & Sheets		PROFRD##	default	Profile Sheets	plprrd	fdotseed2d.dgn	fdotmaster.dwt
16	Borders & Sheets		TMSSRD##	default	Traffic Monitoring Site Plan Sheets	open	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		CLIPRD##	default	Clip Borders	cliprd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		MTPLRD##	default	Motif file for plan sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
	Clipping		MTPRRD##	default	Motif file for profile sheets	plprrd	fdotseed2d.dgn	fdotmaster.dwt
21	Cross Sections		DRXSRD##	Pattrd Rdxsrd Rdxsrd_shg Xsshrd	Drainage Structure Cross Section Pattern Lines Drainage Structure Cross Sections Drainage Structure Cross Section Sheets Drainage Structure Cross Section Shapes	drxsrd	fdotseedxs.dgn	fdotmaster.dwt
	Cross Sections		GKLNRD##	default	GEOPAK Lines for Existing Features	survrd	fdotseed2d.dgn	
25	Cross Sections	X	LDXSRD##	Pattrd rdxsrd Rdxsrd_shg Xsshrd	Lateral Ditch Cross Section Pattern Lines Lateral Ditch Cross-Sections Lateral Ditch Cross Section Sheets Lateral Ditch Cross Section Shapes	rdxsrd	fdotseedxs.dgn	fdotmaster.dwt
29	Cross Sections	X	PDXSRD##	Pattrd Rdxsrd Rdxsrd_shg Xsshrd	Pond Cross Section Pattern Lines Pond Cross Sections Pond Cross Section Sheets Pond Cross Section Shapes	pdxsrd	fdotseedxs.dgn	fdotmaster.dwt
40	Cross Sections	X	RDXSRD##	Pattrd rdxsrd Rdxsrd_shg Xsshrd	Roadway Cross Sections Pattern Lines Roadway Cross-Sections Roadway Cross Sections Sheets Roadway Cross Sections Shapes	rdxsrd	fdotseedxs.dgn	fdotmaster.dwt
26	Drainage		DRDTRD##	default	Drainage Detail Sheet	drdtrd	fdotseed2d.dgn	fdotmaster.dwt
	Drainage		DREXRD##	default	Drainage Structures - Existing	drexrd	fdotseed2d.dgn	fdotmaster.dwt
6	Drainage		DRFLRD##	default	Drainage Flood Data Form	drprrd	fdotseed2d.dgn	fdotmaster.dwt
4	Drainage		DRMPRD##	default	Drainage Map	drmprd	fdotseed2d.dgn	fdotmaster.dwt
10	Drainage		DROMRD##	default	Drainage Optional Materials Tabulation	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Drainage	X	DRPRRD##	default	Drainage Structures - Proposed	drprrd	fdotseed2d.dgn	fdotmaster.dwt
21	Drainage	X	DRXSRD##	rdxsrd	Drainage Structure Cross Sections, Pattern Lines and Shapes	drxsrd	fdotseedxs.dgn	fdotmaster.dwt
	Existing DTM		GDTMRD##	default	Digital Terrain Model / TIN Model - 3D	gdtmrd	fdotseed3d.dgn	survey.dwt
	Existing Topography		TOPOEM##	default	Topography-Existing (Locations for Environmental Concerns)	topord	fdotseed2d.dgn	survey.dwt
	Existing Topography	X	TOPORD##	default	Topography-Existing (Utility & Drainage not included)	topord	fdotseed2d.dgn	survey.dwt
32	Existing Topography		TREERD##	default	Tree Survey Sheet	topord	fdotseed2d.dgn	survey.dwt
23	Geotechnical		CLVGEO##	default	Box Culvert Auger & SPT Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
34	Geotechnical		CPTGEO##	default	CPT Soundings	geotech	fdotseed2d.dgn	fdotmaster.dwt
36	Geotechnical		MSEWGEO##	default	MSE Wall SPT Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
51	Geotechnical		MTGEO##	default	Mitigation Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
37	Geotechnical		NWGEO##	default	Noise Wall SPT Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
28	Geotechnical		PGGEO##	default	Pond Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
35	Geotechnical		RDGEO##	default	Augers Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
33	Geotechnical		RDSSGEO##	default	Roadway Soil Survey Sheet	geotech	fdotseed2d.dgn	fdotmaster.dwt
38	Geotechnical		RTWGEO##	default	Retaining Wall SPT Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
39	Geotechnical		SPGEO##	default	Sheet Pile Wall SPT Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
1	Key Sheets		KEYSRD##	default	Key Sheet	keysht	fdotseedkeymap.dgn	keysht.dwt

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
48	Project Control		CTLSRD##	default	Project Control Sheets	planrd	fdotseed2d.dgn	ctlsrd.dwt
	Proposed Design		ALGNRD##	algnrd	Alignment Layout	algnrd	fdotseed2d.dgn	fdotmaster.dwt
18	Proposed Design		BKSWRD##	default	Back of Sidewalk Profiles	plprrd	fdotseed2d.dgn	fdotmaster.dwt
11	Proposed Design		CURCRD##	default	Curve or Coordinate Data Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Proposed Design	X	DSGNRD##	default	Proposed Design	dsgnrd	fdotseed2d.dgn	fdotmaster.dwt
	Proposed Design		DSPFRD##	default	Proposed Profile	plprrd	fdotseed2d.dgn	fdotmaster.dwt
19	Proposed Design		INTDRD##	default	Intersection/Interchange Details	planrd	fdotseed2d.dgn	fdotmaster.dwt
20	Proposed Design		INTPRD##	default	Intersection/Interchange Profiles	plprrd	fdotseed2d.dgn	fdotmaster.dwt
50	Proposed Design		MITGRD##	default	Mitigation Areas	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Proposed Design	X	MODLRD##	default	Proposed Design Model	dsgnrd	fdotseed2d.dgn	fdotmaster.dwt
27	Proposed Design		PDPLRD##	default	Pond Design	drprrd	fdotseed2d.dgn	fdotmaster.dwt
	Proposed Design	X	QTDSRD##	default	Quantity Computation Shapes/Calculations	qtdsrd	fdotseed2d.dgn	fdotmaster.dwt
	Proposed Design	X	QUANRD##	default	Quantity Computation Details	qtdsrd	fdotseed2d.dgn	fdotmaster.dwt
	Proposed Design		RWDTRD##	default	Right of Way Details for Roadway	rwtrrd	fdotseed2d.dgn	fdotmaster.dwt
49	Proposed Design		SCGRRD##	default	Selective Clearing & Grubbing Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Proposed Design		SIGNCB##	default	Signature Sheet Core Borings	open	fdotseed2d.dgn	digitalsignature.dwt
	Proposed Design		SIGNPC##	default	Signature Sheet - Project Control	open	fdotseed2d.dgn	digitalsignature.dwt
2	Proposed Design		SIGNRD##	default	Signature Sheet	open	fdotseed2d.dgn	digitalsignature.dwt
	Proposed Design		SIGNVU##	default	Signature Sheet - Verified Utilities	open	fdotseed2d.dgn	digitalsignature.dwt
41	Proposed Design		SWPPRD##	default	Storm Water Pollution Prevention Plan	plprrd	fdotseed2d.dgn	swpprd.dwt
	Proposed Design		TEXTDR##	default	Text Labels & Miscellaneous Descriptions	planrd	fdotseed2d.dgn	
	Proposed Design		TEXTRD##	default	Text Labels & Miscellaneous Descriptions	planrd	fdotseed2d.dgn	
52	Proposed Design		WETLRD##	default	Wetlands Delineation Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
31	Special Details		CSINRD##	default	Concrete Slab Inventory	planrd	fdotseed2d.dgn	fdotmaster.dwt
30	Special Details		SPDTRD##	default	Special Details Sheet	open	fdotseed2d.dgn	fdotmaster.dwt
5	Summary Boxes / Tables		BRHYRD##	default	Bridge Hydraulics Recommendation Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
22	Summary Boxes / Tables		BXCLRD##	default	Box Culvert Wingwall Design and Special Details	drdtrd	fdotseed2d.dgn	fdotmaster.dwt
3	Summary Boxes / Tables		CESSRD##	default	Summary of Pay Item Sheets	planrd	fdotseed2d.dgn	planrd.dwt
9	Summary Boxes / Tables		SUMDRD##	default	Summary of Drainage Structures	planrd	fdotseed2d.dgn	fdotmaster.dwt
8	Summary Boxes / Tables		SUMQRD##	default	Summary of Quantities Sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Traffic Control	X	TCDSRD##	default	Traffic Control Design	tcdsrd	fdotseed2d.dgn	fdotmaster.dwt
45	Traffic Control		TCDTRD##	default	Traffic Control Detail Sheet	tcdsrd	fdotseed2d.dgn	fdotmaster.dwt
42	Traffic Control		TCGNRD##	default	Traffic Control General Note Sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt
44	Traffic Control		TCPLRD##	default	Traffic Control Plan Sheets	tcdsrd	fdotseed2d.dgn	fdotmaster.dwt

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
43	Traffic Control		TCTYRD##	default	Traffic Control Typical Section Sheets	open	fdotseed2d.dgn	fdotmaster.dwt
	Typical Sections		TYPDRD##	default	Typical Data Sheet	typdrd	fdotseed2d.dgn	fdotmaster.dwt
7	Typical Sections		TYPESRD##	default	Typical Section Sheets & Details	open	fdotseed2d.dgn	planrd.dwt
46	Utilities		UTADR##	default	Utility Adjustment Sheets	utadr	fdotseed2d.dgn	utadr.dwt
	Utilities	X	UTEXRD##	default	Utilities - Existing	utexrd	fdotseed2d.dgn	survey.dwt
	Utilities	X	UTPRRD##	default	Utilities - Proposed	utprrd	fdotseed2d.dgn	utprrd.dwt
47	Verified Utilities		SBVHRD##	default	Summary of Verified Utilities (2D)	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Verified Utilities		UTVHRD##	default	Survey of Verified Utilities (2D)	utexrd	fdotseed2d.dgn	survey.dwt
	Verified Utilities		UTVHRD##	default	Survey of Verified Utilities (3D version of utexrd.dgn)	utexrd	fdotseed3d.dgn	survey.dwt

4.13.1.2 Engineering Data

The \roadway\ discipline folder contains the sub-folder named \eng_data\ designated to store the following:

- Quality Control Reports.
- Engineering Data output files, including LandXML files of the points, alignments, profiles, sections, surfaces, pipe networks.
- Roadway design reports, including any databases used for report generation.
- All supplemental hand design calculations (scanned and saved in PDF format).
- Other data pertinent to the overall roadway design.

4.13.2 Signing and Pavement Marking Standards

Signing and Pavement Marking Plans are usually a component set of plans (see Section 4.17 Roadway Standards). However, if the Signing and Pavement Marking Plans are the lead plan set, then the standards set in Section 4.17 Roadway Standards, pertaining to elements that are specific to the lead plan set, will apply to the Signing and Pavement Marking plan set (i.e., Traffic Control files and elements, preliminary estimate sheets, etcetera).

The Department’s projects requiring minor Signing and Pavement Marking construction work may include these features detailed on sheets in the Roadway Plans. If this is the case, the Signing and Pavement Markings element symbology standards apply. However, an exception to the Standard Rules must be created and documented in the Roadway discipline journal file.

When prepared as component plans, Signing and Pavement Parking plans will be assembled as a separate plan set complete with a key sheet, tabulation of quantities and all other relevant Signing and Pavement Marking sheets. The sheets must be numbered consecutively, with sheet numbers prefixed by the letter “S”.

4.13.2.1 Standard File Names

The Department utilizes standard naming conventions and provides automated tools that depend on this naming convention being met. The naming convention confers data information to the downstream customer.

➤ **Standard design file names should follow this format:** *AAAABB##.ext*

Where **AAA** = *abbreviated file description*, **BB** = *Discipline Denotation*, **##** = *Sequence number*.

The following table defines the Signing and Pavement Marking File names with each file including sequential numbering. Standard model names are also provided.

The file types listed in the following table may be used by other disciplines, and the first four characters of the file name is consistent between disciplines, but the fifth and sixth characters vary to reflect the discipline name. Each discipline chapter details their Standard File Names. Standard Model names are also provided in the table, however, it is not mandatory to use more than the default model, with the exception of those listed in this table.

Note See Section 4.8 of this document for more information about Standard File Names. See Appendix A for the complete listing of level/symbology standards for each applicable CADD Standard Rule.

Sheet Order reflects placement within the Signing Component of Contract Plan Set.

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
	Borders & Sheets		BDPLSP##	default	Border for Plan Sheets when sheet is referenced	planrd	fdotseed2d.dgn	
	Borders & Sheets		BDXSSP##	rdxsrd	Border for Cross Section Sheet when sheet is referenced	rdxssp	fdotseedxs.dgn	
5	Borders & Sheets		GNNTSP##	default	General Notes	planrd	fdotseed2d.dgn	fdotmaster.dwt
6	Borders & Sheets		PLANSP##	default	Plan Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		CLIPSP##	default	Clip Borders	cliprd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		MTPLSP##	default	Motif file for plan sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		MTPRSP##	default	Motif file for profile sheets	plprrd	fdotseed2d.dgn	fdotmaster.dwt
10	Cross Sections	X	RDXSPP##	rdxsrd	Cross-Sections	rdxssp	fdotseedxs.dgn	fdotmaster.dwt
	Existing Topography		TOPOSP##	default	Topography - Existing	topord	fdotseed2d.dgn	survey.dwt
11	Geotechnical		SNGEO##	default	Signs Standard Penetration Test (SPT) Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
1	Key Sheets		KEYSSP##	default	Key Sheet	keysht	fdotseedkeymap.dgn	keysht.dwt

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
	Proposed Design		AUTOSP##	default	AutoTurn Turning Radius Data	autosp	fdotseed2d.dgn	fdotmaster.dwt
	Proposed Design	X	DSGNP##	default	Proposed Design	dsgnsp	fdotseed2d.dgn	fdotmaster.dwt
12	Proposed Design		SAPMSP##	default	Layout as a Typical Design or Passing Zone	dsgnsp	fdotseed2d.dgn	fdotmaster.dwt
2	Proposed Design		SIGNSP##	default	Signature Sheet	open	fdotseed2d.dgn	digitalsignature.dwt
	Proposed Design		TEXTSP##	default	Text Labels & Miscellaneous Descriptions	planrd	fdotseed2d.dgn	
7	Special Details		GSWKSP##	default	Guide Sign Work Sheet & Details	gswksp	fdotseed2d.dgn	fdotmaster.dwt
9	Special Details		MSARSP##	default	Mast Arm Detail for Signing	msarsp	fdotseed2d.dgn	fdotmaster.dwt
13	Special Details		SPDTP##	default	Special Details - Miscellaneous	open	fdotseed2d.dgn	fdotmaster.dwt
8	Special Details		SPSGP##	default	Special Sign Details for Overhead	open	fdotseed2d.dgn	fdotmaster.dwt
3	Summary Boxes /Tables		CESSP##	default	Summary of Pay Item Sheets	planrd	fdotseed2d.dgn	planrd.dwt
4	Summary Boxes /Tables		TABQSP##	default	Tabulation of Quantity Sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt

4.13.2.2 Sign Design

The Draw Sign program is a MicroStation application that draws sign panels and posts and determines the corresponding pay item of the assembly based on the wind load and post properties. The Draw Sign program requires use of the GEOPAK and GEOPAK Design and Computation (D&C) Manager database (*FDOTXXX.ddb*) to provide automated pay item association. (XXX reflects the current version of database.)

The Department's Signs application (FDOT Signs) included in the State Kit for Civil 3D, provides similar functionality. It requires the project's pay item database (payitemdb.xml), also used by Entity Manager, to provide automated pay item associations.

4.13.2.3 GuidSIGN

GuidSIGN is the standard sign design software used by the Department. However, using GuidSIGN is not required and other sign design programs available in the industry may be used. The Department's Level/Symbology Standards must still be met regardless of the software used.

GuidSIGN is a tool to create sign panels. Sign panel design and creation require two (2) separate files: *GSWKSP##.dgn (DWG)* for sign panel design and the worksheet and the *DSGNP##.dgn (DWG)* file for sign panel placement on the project. There is no limit in the number of sign panels that can be placed in a file.

In addition to the GuidSIGN worksheet design file, required for all non-standard sign designs by the PPM, a DXF output file of the sign for use by a sign cutting shop must be delivered for the creation of the physical sign panel.

4.13.2.4 AutoTURN

AutoTURN is the standard turn radius design software used by the Department. However, using AutoTURN is not required. Other vehicle wheel path design software available in the industry may be used for designing the turning movements of roadway intersections. The Department also uses Autodesk Vehicle Tracking. The Department's Level/Symbology Standards must still be met regardless of the software used.

4.13.3 Signalization Standards

Signalization Plans are usually a component set of plans (see Section 4.17 Roadway Standards). However, if the Signalization Plans are the lead plan set, then the standards set in Section 4.17 Roadway Standards, pertaining to elements that are specific to the lead plan set will apply to the Signalization plan set (i.e., Traffic Control files and elements, preliminary estimate sheets, etcetera)

The Department’s projects requiring minor signalization construction work may include these features detailed on sheets in the Roadway Plans. If this is the case, the Signalization Element Level/Symbology Standards within this Section will still apply. However, an exception to the Standard Rules must be created and documented in the Roadway discipline journal file.

When prepared as component plans, Signalization Plans will be assembled as a separate plan set complete with a key sheet, tabulation of quantities and all other relevant signalization sheets. The sheets must be numbered consecutively, with sheet numbers prefixed by the letter “T”. The Signalization Plans show the construction details, signal phasing and other relevant data.

4.13.3.1 Standard File Names

The Department utilizes standard naming conventions and provides automated tools that depend on this naming convention being met. The naming convention confers data information to the downstream customer.

➤ **Standard design file names should follow this format: AAAABB##.ext**

Where **AAA** = abbreviated file description, **BB** = Discipline Denotation, **##** =Sequence number.

The following table defines the Signalization File names with each file including sequential numbering. Standard model names are also provided.

The file types listed in the following table may be used by other disciplines, and the first four characters of the file name are consistent between disciplines, but the fifth and sixth characters vary to reflect the discipline name. Each discipline chapter details their Standard File Names. Standard Model names are also provided in the table; however, it is not mandatory to use more than the default model, with the exception of those listed in this table.

Note See Section 4.8 of this document for more information about Standard File Names. See Appendix A for the complete listing of level/symbology standards for each applicable CADD Standard Rule.

Sheet Order reflects placement within the Signalization Component of the Contract Plan Set.

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
	Borders & Sheets		BDPLSG##	default	Border Sheet Reference File for Plan Sheets	planrd	fdotseed2d.dgn	
5	Borders & Sheets		GNNTSG##	default	General Notes Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
6	Borders & Sheets		PLANS##	default	Plan Sheet	dsgnsg	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		CLIPSG##	default	Clip Borders	cliprd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		MTPLSG##	default	Motif file for plan sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		MTPRSG##	default	Motif file for profile sheets	plprrd	fdotseed2d.dgn	fdotmaster.dwt
	Existing Topography		TOPOSG##	default	Topography - Existing	topord	fdotseed2d.dgn	survey.dwt
12	Geotechnical		SGGEO##	default	Signal Standard Penetration Test (SPT) Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
1	Key Sheets		KEYSSG##	default	Key Sheet	keysht	fdotseedkeymap.dgn	keysht.dwt
	Proposed Design	X	DSGNSG##	default	Proposed Design & Signal information	dsgnsg	fdotseed2d.dgn	fdotmaster.dwt

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
2	Proposed Design		SIGNSG##	default	Signature Sheet	open	fdotseed2d.dgn	digitalsignature.dwt
	Proposed Design		TEXTSG##	default	Text Labels & Miscellaneous Descriptions	planrd	fdotseed2d.dgn	
7	Special Details		GSWKS##	default	Guide Sign Work Sheet & Details	gswksp	fdotseed2d.dgn	fdotmaster.dwt
8	Special Details		SSDTSG##	default	Special Details for Signs & Miscellaneous Items	dsgnsg	fdotseed2d.dgn	fdotmaster.dwt
9	Special Details		VHLPSG##	default	Special Loop Details & Instructions	dsgnsg	fdotseed2d.dgn	fdotmaster.dwt
3	Summary Boxes / Tables		CESSG##	default	Summary of Pay Items	planrd	fdotseed2d.dgn	planrd.dwt
11	Summary Boxes / Tables		MSSG##	default	Mast Arm Detail & Tables	dsgnsg	fdotseed2d.dgn	planrd.dwt
10	Summary Boxes / Tables		PLDTSG##	default	Pole Tabulation & Details for All Types	dsgnsg	fdotseed2d.dgn	planrd.dwt
4	Summary Boxes / Tables		TABQSG##	default	Tabulation of Quantity Sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt

4.13.4 Intelligent Transportation Systems Standards

Intelligent Transportation Systems (ITS) Plans are usually a component set of plans. The Department's Projects with minor ITS involvement may include these features on various applicable sheets in the Roadway plans set. They can also be shown in the Signalization plans set or on applicable Signalization sheets.

4.13.4.1 Standard File Names

The Department utilizes standard naming conventions for all of its files and provides automated tools that depend on this naming convention being met. The naming convention confers data information to the downstream customer.

➤ **Standard file names should follow this format: AAAABB##.ext**

Where **AAAA** = abbreviated file description, **BB** = Discipline Denotation, **##** =Sequence number.

The following table defines the ITS standard file names for Department projects. Each file name must include sequential numbering. Standard model names are also provided; however, it is not mandatory to use more than the default model, with the exception of those listed in this table.

Note See Section 4.8 of this document for more information about Standard File Names. See Appendix A for the complete listing of level/symbology standards for each applicable CADD Standard Rule.

Sheet Order reflects placement within the ITS Component of the Contract Plan Set.

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
	Borders & Sheets		BDPLIT##	default	Border Sheet Reference Model for Plan Sheet	planrd	fdotseed2d.dgn	
	Borders & Sheets		BDXSIT##	rdxsrd	Border Cross-Section Sheet when Referenced	rdxsrd	fdotseedxs.dgn	
5	Borders & Sheets		GNNIT##	default	General Notes	planrd	fdotseed2d.dgn	fdotmaster.dwt
7	Borders & Sheets		PLANIT##	default	Plan Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
6	Borders & Sheets		PLAYIT##	default	Plan Layout Sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt
14	Borders & Sheets		SPLYIT##	default	Splice Layout Sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		CLIPIT##	default	Clip Borders	cliprd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		MTPLIT##	default	Motif file for plan sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		MTPRIT##	default	Motif file for profile sheets	plprrd	fdotseed2d.dgn	fdotmaster.dwt
19	Cross Sections	X	SSXSIT##	rdxsrd	Sign Support Cross-Sections	rdxssp	fdotseedxs.dgn	fdotmaster.dwt
1	Key Sheets		KEYSIT##	default	Key Sheet	keysht	fdotseedkeymap.dgn	keysht.dwt
	Proposed Design	X	DSGNIT##	default	Proposed Signalization Design & information	itssp	fdotseed2d.dgn	fdotmaster.dwt
	Proposed Design	X	DSLIT##	default	Proposed Lighting Design	itssp	fdotseed2d.dgn	fdotmaster.dwt
	Proposed Design	X	DSPMIT##	default	Proposed Signing & Pavement Marking Design	itssp	fdotseed2d.dgn	fdotmaster.dwt
	Proposed Design		INTDIT##	default	Intersection / Interchange Details	planrd	fdotseed2d.dgn	fdotmaster.dwt
2	Proposed Design		SIGNIT##	default	Signature Sheet	open	fdotseed2d.dgn	digitalsignature.dwt
	Proposed Design		TEXTIT##	default	Text Labels & Miscellaneous Descriptions	planrd	fdotseed2d.dgn	
16	Special Details		GSWKIT##	default	Guide Sign Work Sheet & Details	gswksp	fdotseed2d.dgn	fdotmaster.dwt
10	Special Details		JCDTIT##	default	Jacking Detail Sheet	open	fdotseed2d.dgn	fdotmaster.dwt

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
23	Special Details		LUDTIT##	default	Luminaire Detail Sheet (All Types)	open	fdotseed2d.dgn	fdotmaster.dwt
11	Special Details		NWDTIT##	default	Communications Network Details	open	fdotseed2d.dgn	fdotmaster.dwt
12	Special Details		NWLYIT##	default	Communications Network Layout/Block diagram	open	fdotseed2d.dgn	fdotmaster.dwt
20	Special Details		SGDTIT##	default	Special Signal Details	open	fdotseed2d.dgn	fdotmaster.dwt
13	Special Details		SPDTIT##	default	Splice Diagrams	open	fdotseed2d.dgn	fdotmaster.dwt
18	Special Details		SPSGIT##	default	Dynamic Message Sign Detail for Overhead Signs	open	fdotseed2d.dgn	fdotmaster.dwt
15	Special Details		SRPTIT##	default	Service Point Detail Sheets	itssp	fdotseed2d.dgn	fdotmaster.dwt
17	Special Details		SSDTIT##	default	Special Sign Details & Miscellaneous Details	planrd	fdotseed2d.dgn	fdotmaster.dwt
9	Special Details		VHDTIT##	default	Vehicle Detector Details & Instructions	itssp	fdotseed2d.dgn	fdotmaster.dwt
3	Summary Boxes / Tables		CESSIT##	default	Summary of Pay Items	planrd	fdotseed2d.dgn	planrd.dwt
22	Summary Boxes / Tables	X	MSSGIT##	default	Mast Arm Detail and Tables	itssp	fdotseed2d.dgn	fdotmaster.dwt
8	Summary Boxes / Tables		PLDTIT##	default	Pole Tabulation & Details for All Types	open	fdotseed2d.dgn	planrd.dwt
21	Summary Boxes / Tables		SLBRIT##	default	Soil Borings for Poles & Overhead Structures	geotech	fdotseed2d.dgn	fdotmaster.dwt
4	Summary Boxes / Tables		TABQIT##	default	Tabulation Quantity Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
24	Traffic Control		TCDTIT##	default	Traffic Control Design Sheet	itssp	fdotseed2d.dgn	fdotmaster.dwt
25	Utilities		UTADIT##	default	Utility Adjustment Sheets	utadrd	fdotseed2d.dgn	utadrd.dwt

4.13.5 Lighting Standards

Highway Lighting Plans are usually a component set of plans (see Section 4.17 Roadway Standards). However, if the Highway Lighting Plans are the lead plan set, then the standards set in Section 4.17, Roadway Standards, pertaining to elements that are specific to the lead plan set will apply to the Highway Lighting plan set (i.e., Traffic Control files and elements, preliminary estimate sheets, etcetera).

When prepared as component plans, Highway Lighting Plans will be assembled as a separate plan set complete with a key sheet, tabulation of quantities and all other relevant lighting sheets. The sheets must be numbered consecutively, with sheet numbers prefixed by the letter “L”.

4.13.5.1 Standard File Names

The Department utilizes standard naming conventions and provides automated tools that depend on this naming convention being met. The naming convention confers data information to the downstream customer.

➤ **Standard design file names should follow this format: AAAABB##.ext**

Where **AAAA** = *abbreviated file description*, **BB** = *Discipline Denotation*, **##** = *Sequence number*.

The following table defines the Highway Lighting File names with each file including sequential numbering. Standard model names are also provided.

The file types listed in the following table may be used by other disciplines, and the first four characters of the file name are consistent between disciplines, but the fifth and sixth characters vary to reflect the discipline name. Each discipline chapter details their Standard File Names. Standard Model names are also provided in the table; however, it is not mandatory to use more than the default model, with the exception of those listed in this table.

Note See Section 4.8 of this document for more information about Standard File Names. See Appendix A for the complete listing of level/symbology standards for each applicable CADD Standard Rule.

Sheet Order reflects placement within the Lighting Component of the Contract Plan Set.

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
	Borders & Sheets		BDPLLT##	default	Border Sheet Plan	planrd	fdotseed2d.dgn	
5	Borders & Sheets		GNNTLT##	default	General Notes	planrd	fdotseed2d.dgn	fdotmaster.dwt
7	Borders & Sheets		PLANLT##	default	Plan Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		CLIPLT##	default	Clip Borders	cliprd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		MTPLLT##	default	Motif file for plan sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		MTPRLT##	default	Motif file for profile sheets	plprrd	fdotseed2d.dgn	fdotmaster.dwt
	Existing Topography		TOPOLT##	default	Topography - Existing	topord	fdotseed2d.dgn	survey.dwt
12	Geotechnical		LTGEO##	default	Lighting Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
1	Key Sheets		KEYSLT##	default	Key Sheet	keysht	fdotseedkeymap.dgn	keysht.dwt
	Proposed Design	X	DSGNLT##	default	Proposed Design	dsgnlt	fdotseed2d.dgn	fdotmaster.dwt
2	Proposed Design		SIGNLT##	default	Signature Sheet	open	fdotseed2d.dgn	digitalsignature.dwt
	Proposed Design		TEXTLT##	default	Text Labels & Miscellaneous Descriptions	planrd	fdotseed2d.dgn	
8	Special Details		CNPLLT##	default	Special Pole Detail Sheets (All Types)	dsgnlt	fdotseed2d.dgn	fdotmaster.dwt

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
11	Special Details		JCDTLT##	default	Jacking Detail Sheet	open	fdotseed2d.dgn	fdotmaster.dwt
9	Special Details		LUDTLT##	default	Luminaire & Foundation Detail Sheet (All Types)	dsgnlt	fdotseed2d.dgn	fdotmaster.dwt
10	Special Details		SRPTLT##	default	Service Point Detail Sheets	open	fdotseed2d.dgn	fdotmaster.dwt
3	Summary Boxes / Tables		CESSLT##	default	Summary of Pay Item Sheets	planrd	fdotseed2d.dgn	planrd.dwt
6	Summary Boxes / Tables		PLDTLT##	default	Pole Data Sheets	open	fdotseed2d.dgn	planrd.dwt
4	Summary Boxes / Tables		TABQLT##	default	Tabulation of Quantity Sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt

4.13.5.2 AGI32 Lighting Software

AGI32 Lighting Software is the standard Lighting Design software used by the Department. However, using AGI32 is not required. Other Lighting design software available in the industry may be used for the Lighting Design. If AGI32 is not used, the Department's Level/Symbology Standards must still be met to be compliant with CADD Standard Rules and Digital Delivery.

4.13.6 *Landscape Standards*

Landscape means any vegetation, mulches, irrigation systems and any site amenities, such as, street furniture, decorative paving, fences and lighting (excluding public utility streets and area lighting). Landscape plans may be a component set of plans (see Section 4.17 Roadway Standards), or be prepared independently.

The Department's Projects with minor Landscaping may include landscaping features on separate sheets in the Roadway Plans set or landscaping features may be detailed on the Roadway plans sheets.

When prepared as component plans, Landscape Plans will be assembled as a separate plan set complete with a key sheet, tabulation of quantities and all other relevant Landscape sheets. The sheets must be numbered consecutively with the sheet numbers prefixed by the letters "LD".

A complete set of Landscape plans may include the following:

1. Key Sheet
2. Tabulation of Quantities
3. Planting Sheets
4. Irrigation Layout
5. Details Sheet
6. Other relevant plan sheets as required Pay Items Notes, General Notes or Maintenance Notes and Schedules.

These sub-components should be listed on the Landscape Plans Key Sheet under the "Components of Contract Plan Sets" heading.

4.13.6.1 *Standard File Names*

The Department utilizes standard naming conventions and provides automated tools that depend on this naming convention being met. The naming convention confers data information to the downstream customer.

➤ *Standard design file names should follow this format: AAAABB##.ext*

Where **AAAA** = *abbreviated file description*, **BB** = *Discipline Denotation*, **##** = *Sequence number*.

The following table defines the Landscaping File names with each file including sequential numbering. Standard model names are also provided.

The file types listed in the following table may be used by other disciplines, and the first four characters of the file name are consistent between disciplines, but the fifth and sixth characters vary to reflect the discipline name. Each discipline chapter details their Standard File Names. Standard Model names are also provided in the table; however, it is not mandatory to use more than the default model, with the exception of those listed in this table.

Note See Section 4.8 of this document for more information about Standard File Names. See Appendix A for the complete listing of level/symbology standards for each applicable CADD Standard Rule.

Sheet Order reflects placement within the Landscape Component of the Contract Plan Set.

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
	Borders & Sheets		BDPLLD##	default	Border Referencing for Sheet Plan	planrd	fdotseed2d.dgn	
7	Borders & Sheets		GNNTLD##	default	General Notes	planrd	fdotseed2d.dgn	fdotmaster.dwt
8	Borders & Sheets		PLANLD##	default	Plan Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
6	Borders & Sheets		PLAYLD##	default	Project Layout Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		CLIPLD##	default	Clip Borders	cliprd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		MTPPLD##	default	Motif file for plan sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		MTPRLD##	default	Motif file for profile sheets	plprrd	fdotseed2d.dgn	fdotmaster.dwt
	Existing Topography		TOPOLD##	default	Topography - Existing	topord	fdotseed2d.dgn	survey.dwt
1	Key Sheets		KEYSLD##	default	Key Sheet	keysht	fdotseedkeymap.dgn	keysht.dwt
	Proposed Design	X	DSGNLD##	default	Proposed Landscape (Planting) Design	dsgnld	fdotseed2d.dgn	fdotmaster.dwt
10	Proposed Design		HSDTLD##	default	Hardscape details	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Proposed Design		IRRGLD##	default	Proposed Irrigation Design	irrgld	fdotseed2d.dgn	fdotmaster.dwt
2	Proposed Design		SIGNLD##	default	Signature Sheet	open	fdotseed2d.dgn	digitalsignature.dwt
5	Proposed Design		TMOTLD##	default	Technical Maintenance Plan	dsgnld	fdotseed2d.dgn	fdotmaster.dwt
9	Special Details		DETLD##	default	Details	open	fdotseed2d.dgn	fdotmaster.dwt
11	Special Details		GRDTLD##	default	Proposed Grading	planrd	fdotseed2d.dgn	fdotmaster.dwt
3	Summary Boxes / Tables		CESSLD##	default	Summary of Pay Items	planrd	fdotseed2d.dgn	planrd.dwt
4	Summary Boxes / Tables		TABQLD##	default	Tabulation of Quantity Sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt

Note Hardscape Design files must use the same symbology standards as the Landscape Design file.

4.13.7 *Architectural Standards*

Architectural plans consist of all sheets pertaining to Architectural (Building) design, and their component plans. These plans may be comprised of any/all of:

- General Plans
- Hazardous Materials Plans
- Survey Plans (Following the Survey CADD Standards)
- Geotechnical Plans (Following the Geotechnical CADD Standards)
- Civil Plans (Following the Roadway CADD Standards)
- Landscape Plans (Following the Landscape CADD Standards)
- Structural Plans
- Architectural Plans
- Interior Plans
- Fire Protection Plans
- Plumbing Plans
- Mechanical Plans
- Electrical Plans

The bullets above represent an Architectural plan set on a Department Project where the building is the focal point of the project. Architectural (often referred to as “Building”) projects within the Right of Way typically do not include Survey, Civil, Geotechnical, or Landscape plans. These disciplines are normally included in the Roadway Plans. However, when present in the Architectural plans, the Department’s CADD Standards of the appropriate discipline must be used.

Bascule Bridge Control House Architectural plans are to be prepared using the Department’s Structures CADD Standards.

4.13.7.1 *Adopted CADD File Format*

The Department has adopted AutoCAD as the Standard platform format for Architectural projects. All CADD files for Architectural plan sets, including those disciplines within the building (i.e. plumbing, mechanical, electrical and structural) will be submitted in AutoCAD (.*dwg*) format. Plans outside the building envelope must follow the Department’s CADD Standard format for the discipline as defined in their respective Sections.

4.13.7.2 *Adopted CADD Standards*

The Department has adopted the National CAD Standards as the standard format for Building Projects. This Section is a synopsis of the National CAD Standards. More information can be found at:

National CAD Standard
National Institute of Building Sciences
1090 Vermont Ave., NW, Suite 700
Washington, D.C. 20005-4905
(202) 289-7800
Website: <http://www.nationalcadstandard.org/ncs6/>

National Cad Standard also includes chapters from the following organizations:

U.S.CADD/GIS Technology Center
US Army Engineer Research and Development Center
Attn: CEERD-ID (S. Spangler)
3909 Halls Ferry Road
Vicksburg, MS 39180-6199
Website: <http://www.erd.usace.army.mil/>

CAD Layer Guidelines
American Institute of Architects (AIA)
1735 New York Ave, NW
Washington, D.C. 20006
Website: www.aia.org

Uniform Drawing System (UDS)
Construction Specifications Institute
601 Madison Street
Alexandria, Va. 22314-1791
800-689-2900
Website: <http://www.csinet.org>

4.13.7.3 Architectural Projects

Architectural standards apply to the building and building related disciplines outlined in the following list of project types.

➤ **Building Projects:**

- Work Program Projects
 - Rest Areas
 - Weigh Stations
- Fixed-Capital Outlay (FCO) Projects
 - Office Buildings
 - Construction & Maintenance Facilities
 - Other 'Off Right of Way (ROW)' Facilities

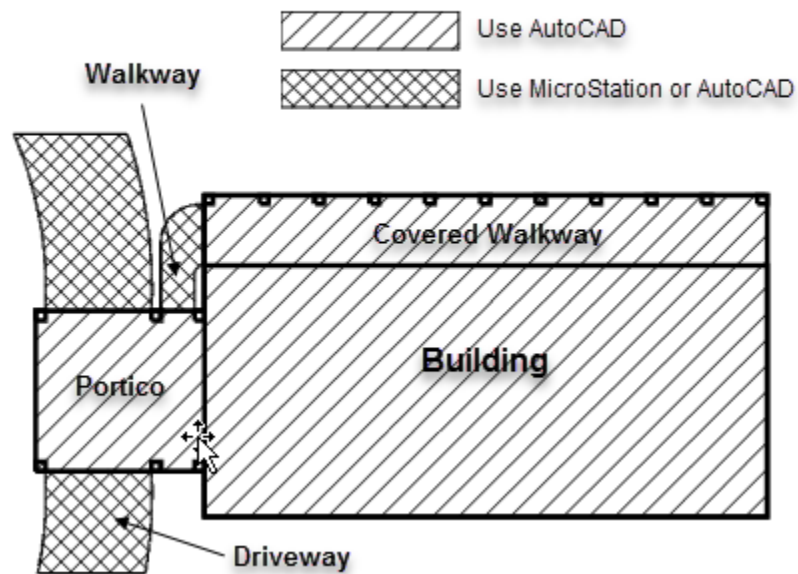
4.13.7.4 Delineation between Architectural & Engineering Plans

➤ **Delineation Line at 'foot print' of Building:**

- Face of Exterior Wall
- Area enclosed by buildings Columns and/or Walls; i.e. Porticos, Carports, covered Walkways and Covered Patios
- Roof and Building Overhangs

Use AutoCAD *inside* the Delineation Line. Items inside the Delineation Line Includes 'Building-Oriented' Facilities & Equipment that are typically designed by an Architect, including but not limited to, picnic shelters, planters which are part of the building and site furniture in covered areas.

CADD Delineation Example



Items outside the delineation or "foot print" of Building must be produced and submitted following the CADD standards for their discipline as defined in their respective chapters, including but not limited to:

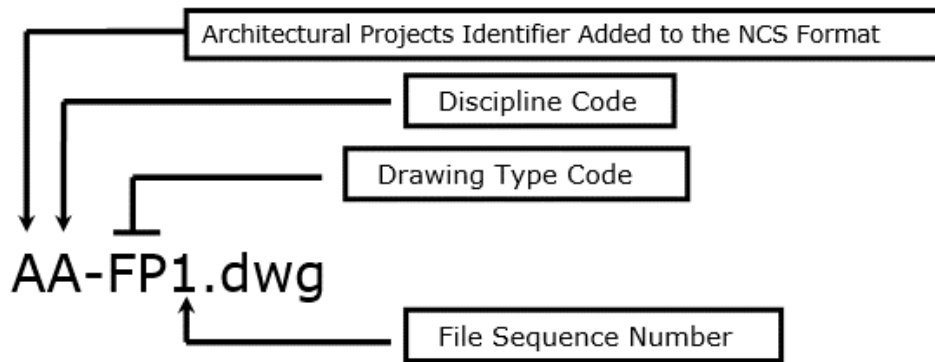
- Pavement
 - Driveways, Parking, Sidewalks
- Landscape Plans
- Site Utilities
 - Electrical, Water, Sanitary Sewer, Storm Sewer, Drainage
- Site Fencing and Walls

4.13.7.5 Standard File Names

AutoCAD files are 3D for large plans, elevations or sections that contain the physical building components (walls, doors, water piping, beams...). These files are drawn in Model Space at full scale. These files are referenced in whole or part into sheet files where text and dimensions are added, then printed.

➤ **Naming Components:**

- Architectural Projects Identifier
- Discipline Codes
- Drawing Type Codes (General and Discipline related)
- File Sequence Number



Note Architectural Projects Identifier: A _-_-_.dwg
 Add "A" before Discipline Code as published in National CAD Standards. This distinguishes Building drawings from Roadway and Structures Plans.

Examples: Project Identifiers, Codes and File Sequence Numbers. For more detailed information refer to National CAD Standards.

• **Architectural Project Identifier**

A _-_-_.dwg Architectural, this differentiates architectural building projects from bridges and roadway projects.

• **Discipline Code**

A--_.dwg	.....	Architectural
C--_.dwg	.....	Civil
Z--_.dwg	.....	Contractor/Shop Drawings
Q--_.dwg	.....	Equipment
E--_.dwg	.....	Electrical
A--_.dwg	.....	Architectural
C--_.dwg	.....	Civil
Z--_.dwg	.....	Contractor/Shop Drawings
Q--_.dwg	.....	Equipment
M--_.dwg	.....	Mechanical
X--_.dwg	.....	Other Disciplines
P--_.dwg	.....	Plumbing
D--_.dwg	.....	Process
R--_.dwg	.....	Resources
S--_.dwg	.....	Structural
T--_.dwg	.....	Telecommunications

- **Drawing Type Code** (*general and discipline related*)

--FP_.dwg	.....	Floor Plan
--SP_.dwg	.....	Site Plan
--DP_.dwg	.....	Dimension Plan
--XP_.dwg	.....	Existing Plan
--EL_.dwg	.....	Elevation
--SC_.dwg	.....	Section
--DT_.dwg	.....	Detail
--CP_.dwg	.....	Ceiling Plan
--EP_.dwg	.....	Enlarged Plan
--NP_.dwg	.....	Finish Plan
--RP_.dwg	.....	Furniture Plan
--SH_.dwg	.....	Schedules
--3D_.dwg	.....	Isometric/3D
--DG_.dwg	.....	Diagrams

- **File Sequence Number**

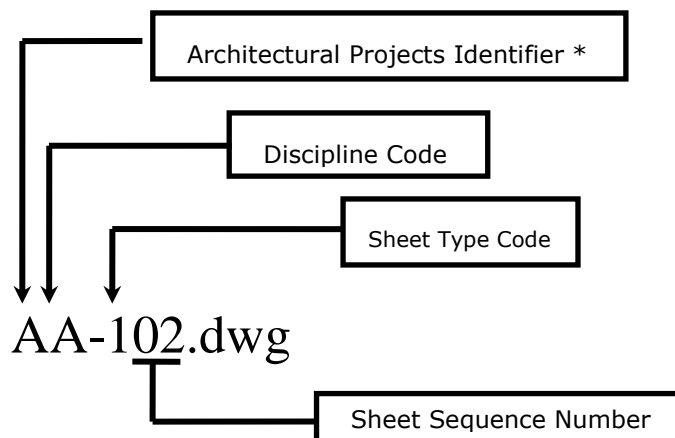
--_--_1.dwg	.....	1st drawing file in sequence
--_--_2.dwg	.....	2nd drawing file in sequence
--_--_3.dwg	.....	3rd drawing file in sequence

4.13.7.6 Standard Sheet File Names

A sheet file is a border sheet with dimensions and/or text added to a portion of a referenced model space file. Plotted sheet files make up the plans set.

➤ **Naming Components**

- Architectural Projects Identifier
- Discipline Code
- Sheet Type Code
- Sheet Sequence Number



Examples: Project Identifiers, Codes and Sheet File Sequence Numbers. For more detailed information refer to National CAD Standards.

- **Architectural Project Identifier**

A _ _ _ .dwg.. Architectural, this differentiates Architectural building projects from bridges and Roadway projects.

- **Discipline Code**

_A- _ _ .dwg	Architectural
_C- _ _ .dwg	Civil
_Z- _ _ .dwg	Contractor/Shop Drawings
_Q- _ _ .dwg	Equipment
_E- _ _ .dwg	Electrical
_F- _ _ .dwg	Fire Protection
_G- _ _ .dwg	General
_B- _ _ .dwg	Geotechnical
_H- _ _ .dwg	Hazardous Materials
_I- _ _ .dwg	Interiors
_M- _ _ .dwg	Mechanical
_X- _ _ .dwg	Other Disciplines
_P- _ _ .dwg	Plumbing
_D- _ _ .dwg	Process
_R- _ _ .dwg	Resources
_S- _ _ .dwg	Structural
_T- _ _ .dwg	Telecommunications

- **Drawing Type Code** (*general and discipline related*)

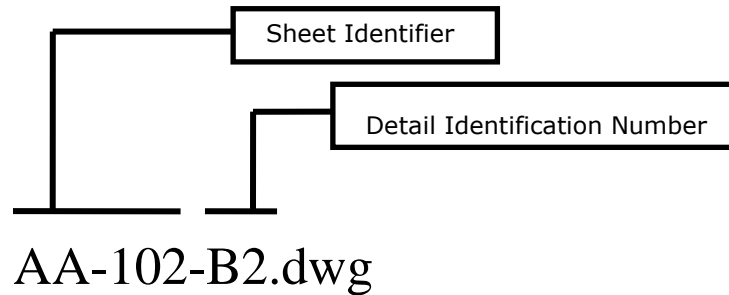
_ _ -0 _ _ .dwg	General (symbols, legend, notes...)
_ _ -1 _ _ .dwg	Floor Plan
_ _ -2 _ _ .dwg	Elevation
_ _ -3 _ _ .dwg	Sections
_ _ -4 _ _ .dwg	Large Scale
_ _ -5 _ _ .dwg	Details
_ _ -6 _ _ .dwg	Schedules and Diagrams
_ _ -7 _ _ .dwg	User Defined
_ _ -8 _ _ .dwg	User Defined
_ _ -9 _ _ .dwg	3D Views (isometrics, perspectives...)

- **File Sequence Number**

_ _ - 01.dwg	1st sheet in sequence
_ _ - 02.dwg	2nd sheet in sequence
_ _ - 03.dwg	3rd sheet in sequence

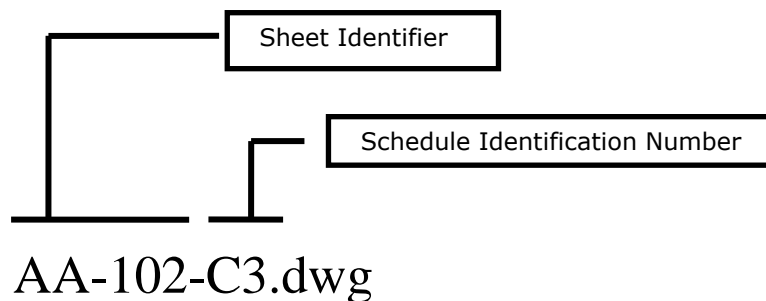
➤ **Detail File Name Format**

The Detail File Name includes the sheet identifier and the detail identification number. Sheet Identifier is the sheet file that the detail is placed in. The detail identification number represents the location of the detail within the sheet file border.



➤ **Schedule File Name Format**

The Schedule File Name includes the sheet identifier and the schedule identification number. Sheet Identifier is the sheet file that the detail is placed in. The detail identification number represents the location of the schedule within the sheet file border.



4.13.7.7 Engineering Data

The Architectural discipline folder contains an additional sub-folder named **\eng_data**. This sub-folder is designated to contain the sheet image files (PDF's) of the plan sheets for the Architecture design, quality control reports, ASCII Engineering Data output files and other data pertinent to the overall design.

4.13.7.8 Layers and Symbology

Refer to the National CAD Standards and Layer Symbology produced by the U.S.CADD/GIS Technology Center, US Army Engineer Research and Development Center for Symbology standards. These standards include space file names, sheet file names, detail file names, schedule file names, abbreviations, symbols, layers, linetypes, and text styles.

All drawings must be drawn at Full Scale 1:1 in Modelspace using Architectural Units. Text and dimensions should be added in Modelspace. The Titleblock Sheet should be in Paperspace and viewport scaled for scalable printing.

4.13.7.9 Architectural Scale Chart

The following chart is intended to aid the user in determining the appropriate scale for placing the border and text on a drawing based on the actual size of the drawing. Calculations are based on a 9 1/2" x 15 1/2" drawing area inside the border.

Drawing Scales for Sheets			
Note: Sheet files must be assembled in paper space & printed at 1:1			
Architectural Scales		Engineering Scales	
Drawing Scale	Plot Scale	Drawing Scale	Plot Scale
Full size	1	1" = 5'	60
6" = 1'-0"	2	1" = 10'	120
3" = 1'-0"	4	1" = 20'	240
1 1/2" = 1'-0"	8	1" = 30'	360
1" = 1'-0"	12	1" = 40'	480
3/4" = 1'-0"	16	1" = 50'	600
1/2" = 1'-0"	24	1" = 100'	1200
3/8" = 1'-0"	32	1" = 200'	2400
1/4" = 1'-0"	48	1" = 500'	6000
3/16" = 1'-0"	64	1" = 1000'	12000
1/8" = 1'-0"	96	1" = 1250'	15000
3/32" = 1'-0"	128	1" = 2500'	30000
1/16" = 1'-0"	192	1" = 5000'	60000

➤ **FORMULAS:**

AS = 12 x Drawing Scale, Ex. 1" = 10', then 12 x 10 = 120, Therefore AS = 120.

4.13.7.10 Text Type, Size and Line Weight

Use the following table to determine the appropriate line weight for each text height. Text line weights are applicable for text places in model and sheet files. Text heights in this chart are used for text in sheet files that are places in paper space.

Text Type	Line Weight (In) All Scales	Height (In) 1:1 Scale
Special Small/Revisions	0.007 in	3/32"
Annotation	0.010 in	1/8"
View/Sheet/Sect Titles	0.014 in	5/32"
Large	0.020 in	3/16"

Note Sizes shown are a 1:1 ratio.

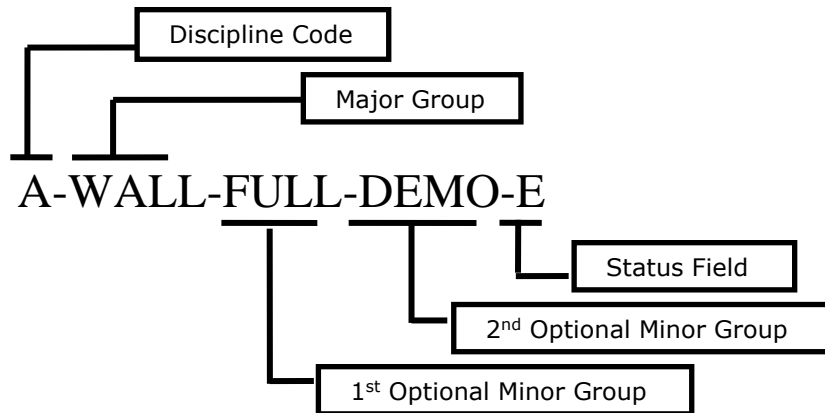
The following charts are intended to aid the user in determining the appropriate text size when placing common text. Scale for placing the border and text on a drawing based on the actual size of the drawing. Calculations are based on a 9 1/2" x 15 1/2" drawing area inside the border.

Text Size for Sheets Using Architectural Scales				
<i>Note</i> For text placed in model files, text in paper space at 1:1				
Drawing Scale	Text Size			
	3/32"	1/8"	5/32"	3/16"
Full size	3/32"	1/8"	5/32"	3/16"
6" = 1'-0"	3/16"	1/4"	5/16"	3/8"
3" = 1'-0"	3/8"	1/2"	5/8"	3/4"
1 1/2" = 1'-0"	3/4"	1"	1 1/4"	1 1/2"
1" = 1'-0"	1 1/8"	1 1/2"	1 7/8"	2 1/4"
3/4" = 1'-0"	1 1/2"	2"	2 1/2"	3"
1/2" = 1'-0"	2 1/4"	3"	3 3/4"	4 1/2"
3/8" = 1'-0"	3"	4"	5"	6"
1/4" = 1'-0"	4 1/2"	6"	7 1/2"	9"
3/16" = 1'-0"	6"	8"	10"	1'
1/8" = 1'-0"	9"	1'-0"	1'-3"	1'-6"
3/32" = 1'-0"	1'	1'-4"	1'-8"	2'
1/16" = 1'-0"	1'-6"	2'	2'-6"	3'

Text Size for Sheets Using Engineering Scales				
<i>Note</i> For text placed in model files, text in paper space at 1:1				
Drawing Scale	Text Size			
	3/32"	1/8"	5/32"	3/16"
1" = 5'	5 5/8"	7 1/2"	9 3/8"	11 1/4"
1" = 10'	11 1/4"	1'-3"	1'-6 3/4"	1'-10 1/2"
1" = 20'	1'-10 1/2"	2'-6"	3'-1 1/2"	3'-9"
1" = 30'	2'-9 3/4"	3'-9"	4'-8 1/4"	5'-7 1/2"
1" = 40'	3'-9 1/2"	5'	6'-3"	7'-6"
1" = 50'	4'-8 1/4"	6'-3"	7'-9 3/4"	9'-4 1/2"
1" = 100'	9'-4 1/2"	12'-6"	15'-7 1/2"	18'-9"
1" = 200'	18'-9"	25'	31'3"	37'-6"
1" = 500'	46'-10 1/2"	62'-6"	78'-1 1/2"	93'-9"
1" = 1000'	93'-9"	125'	156'-3"	187'-6"
1" = 1250'	117'-2 1/4"	156'-3"	195'-3 3/4"	234'-4 1/2"
1" = 2500'	234'-4 1/2"	306'-6"	390'-7 1/2"	468'-9"
1" = 5000'	468'-9"	625'	781'-3"	937'-6"

4.13.7.11 Layer Names

All layer names must follow the format detailed in the National CAD Standards. Below is a brief description of the layer naming convention.



➤ Examples: Codes, Groups and Fields

- | | |
|--|---|
| <ul style="list-style-type: none"> • Discipline Code A-_____ Architectural E-_____ Electrical F-_____ Fire Protection M-_____ Mechanical ETC. • Major Group _-WALL-_____ Walls _-DOOR-_____ Doors _-LITE-_____ Lighting fixtures _-COLS-_____ Columns ETC. | <ul style="list-style-type: none"> • 1st Optional Minor Group _-_____-FULL- Full height _-_____-DIMS- Dimension ETC. • 2nd Optional Minor Group _-_____-IDEN- Identification _-_____-PATT- Pattern ETC. • Status Field _-_____-N New work _-_____-D Demolition _-_____-T Temporary work _-_____-F Future work ETC. |
|--|---|

4.13.7.12 File Structure

The DOT uses a specific folder structure for all digital submittals. (See Section 4.7.4)

4.13.7.13 Signing and Sealing

The Florida Department of Business and Professional Regulation (BPR) approved Architects to electronically sign and seal Plans and Specifications. Architects must use Digital Signature. See Chapter 5 for more information.

Helpful link: [Florida Statutes Part 1 ELECTRONIC SIGNATURES Chapters 668.001-668.006](#)

4.13.7.14 Submittal

As-Built Project CD shall include all files in the latest native version of CADD software the drawings were produced in along with a PDF set of prints and a complete set in AutoCAD DWG files.

Example: If the project CD was produced using Revit, the submittal will include all files in Revit RVT, AutoCAD DWG and a complete set of PDF files.

4.13.8 Structures Standards

The use and generation of CADD files by Structures in regards to the Department's Projects must be in accordance with the general standards for all disciplines, unless superseded by instructions contained within this section.

The following table defines the resource files and features used for the FDOT Structures Workspace.

Feature	Bentley	Autodesk
Color Table	Color.tbl	<i>Not Applicable</i>
Font Files	FDOT*.ttf	FDOT*.ttf
Level Definitions	Strslevels.dgnlib	StructuresTemplateDetail.dwt StructuresTemplatePlan.dwt
Main Cell/Block Library	TTF_V8Structures.cel	Structures.dwg
Models Allowed	Yes	<i>Not Applicable</i>
QC Rule	Spst10	Spst10
Seed/Template Files	StructuresSeed.dgn StructuresSeed3d.dgn	StructuresTemplateDetail.dwt StructuresTemplatePlan.dwt
Text / Dimension Styles Definitions	Strslevels.dgnlib	StructuresTemplateDetail.dwt StructuresTemplatePlan.dwt

4.13.8.1 Standard File Names

The Department utilizes standard naming conventions for all of its CADD files and provides automated tools that depend on this naming convention. The naming convention confers data and information to the downstream customer.

➤ **Standard file names for Bridges should follow this format:** *B#AAAA...##.[ext]*

Where: **B#** = Bridge Plans Sequence Number, **AAAA...** = Abbreviated File Description, **##** = Sequence Number.

For Example: First EndBent sheet of Bridge 1 in a plan set would be named *B1EndBent01.dgn*

Files created by Structures remain in the \struct\ discipline folder, the sheet numbers must be prefixed with the target discipline's sheet prefixes.

<http://www.fdot.gov/structures/StructuresManual/CurrentRelease/StructuresManual.shtm>

The Department delivers the **Create File/Project** applications within the CADD Software Suite to ensure files are named to Department CADD Standards.

Files containing Data Table cells (previously semi-standards) should be named *B#DataTable##.dgn* and should be placed in the plans with the corresponding component detail sheet. Files marked as Geotech are listed to show the order of placement within the Structures plans component only. All Geotech files should be located in the \Geotech\ discipline folder and should follow Geotechnical Standards listed in Section 4.13.13 of this document.

The table below defines the Department’s Structures standard file names; each must include sequence numbering. Sheet Order is the default, but is modifiable to suit project specific requirements.

Note See Section 4.8 of this document for more information about Standard File Names. See Appendix A for the complete listing of level/symbology standards for each applicable CADD Standard Rule. See **Structures Detailing Manual** Volume 2, Chapter 3 for complete details on sheet numbering instructions.

Sheet Order reflects placement within the Structures Component of the Contract Plan Set.

Structures Plans Naming Convention and Numbering Convention						
Sheet Order	File Name	File Title / Description	Control File	File Group	Sheet Prefix	Drawing Prefix
* - Design Format ** - Lead or Component Key Sheet *** - Optional ## - Sheet Sequence Number						
1	KeySheet*	Bridge Key Sheet **	STRUCTURES	PLAN SHEETS		
2	SIGNST*	Signature Sheet	STRUCTURES	PLAN SHEETS		
3	B#Index*	Index of Sheets	STRUCTURES	PLAN SHEETS	B-##	***
4	B#SumOfPayItems*	Summary of Pay Items Sheet <i>(For Structures as Lead Component Only Projects)</i>	STRUCTURES	PLAN SHEETS	B-##, ...	***
5	B#SumOfQuantities*	Summary of Structures Quantities	STRUCTURES	PLAN SHEETS	B#-##	***
6	B#GeneralNotes*	General Notes	STRUCTURES	PLAN SHEETS	B#-##	***
7	B#SurfaceFinishDet*	Surface Finish Details	STRUCTURES	PLAN SHEETS	B1-##,B2-##, ...	***
8	B#PlanElev*	Plan and Elevation	STRUCTURES	PLAN SHEETS	B1-##,B2-##, ...	***
9	B#VertCurveSuperEL*	Profile Grade and Superelevation Transition	STRUCTURES	PLAN SHEETS	B1-##,B2-##, ...	***
10	B#BridgeHydro*	Bridge Hydraulic Recommendations	STRUCTURES	PLAN SHEETS	B1-##,B2-##, ...	***
11	B#Boring*	Report of Core Borings	GEOTECH	GEOTECHNICAL FOR STRUCTURES (DGN)	B1-##,B2-##, ...	***
12	B#CPTGeo*	Cone Penetration Test (CPT) Soundings	GEOTECH	GEOTECHNICAL FOR STRUCTURES (DGN)	B1-##,B2-##, ...	***
13	B#ConstNotes*	Construction Notes	STRUCTURES	CONSTRUCTION	B1-##,B2-##, ...	***
14	B#ConstDet*	Construction Details	STRUCTURES	CONSTRUCTION	B1-##,B2-##, ...	***
15	B#ConstSeq*	Construction Sequence	STRUCTURES	CONSTRUCTION	B1-##,B2-##, ...	***
16	B#ConstAcc*	Construction Access	STRUCTURES	CONSTRUCTION	B1-##,B2-##, ...	***
17	B#RemoveExist*	Removal of Existing Structures	STRUCTURES	CONSTRUCTION	B1-##,B2-##, ...	***
18	B#BridgeSection*	Section Through Bridge	STRUCTURES	MISCELLANEOUS	B1-##,B2-##, ...	***
19	B#RiprapRubble*	Rubble Riprap	STRUCTURES	EROSION PROTECTION	B1-##,B2-##, ...	***
20	B#RiprapSand*	Sand Cement Riprap	STRUCTURES	EROSION PROTECTION	B1-##,B2-##, ...	***
21	B#SlopePavementConcrete*	Concrete Slope Pavement	STRUCTURES	EROSION PROTECTION	B1-##,B2-##, ...	***
22	B#ScourPlan*	Plan View of Scour Protection	STRUCTURES	SCOUR PROTECTION PLAN	B1-##,B2-##, ...	SP-##
23	B#ScourProf*	Profile of Scour Protection	STRUCTURES	SCOUR PROTECTION PLAN	B1-##,B2-##, ...	SP-##
24	B#BotContourMap*	Bottom Contour Map	STRUCTURES	SCOUR PROTECTION PLAN	B1-##,B2-##, ...	SP-##

Structures Plans Naming Convention and Numbering Convention						
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25	B#ScourDetail*	Scour Protection Details	STRUCTURES	SCOUR PROTECTION PLAN	B1-##,B2-##, ...	SP-##
26	B#FoundLay*	Foundation Layout	STRUCTURES	SUBSTRUCTURE	B1-##,B2-##, ...	***
27	B#PileData*	Pile Data Table	STRUCTURES	SUBSTRUCTURE	B1-##,B2-##, ...	***
28	B#PileDet*	Pile Details	STRUCTURES	SUBSTRUCTURE	B1-##,B2-##, ...	***
29	B#DrillShaft*	Drilled Shaft Data Table	STRUCTURES	SUBSTRUCTURE	B1-##,B2-##, ...	***
30	B#DrillShaftDet*	Drilled Shaft Details	STRUCTURES	SUBSTRUCTURE	B1-##,B2-##, ...	***
31	B#EndBent*	End Bent	STRUCTURES	SUBSTRUCTURE	B1-##,B2-##, ...	***
32	B#EndBentDet*	End Bent Details	STRUCTURES	SUBSTRUCTURE	B1-##,B2-##, ...	***
33	B#IntBent*	Intermediate Bent	STRUCTURES	SUBSTRUCTURE	B1-##,B2-##, ...	***
34	B#IntBentDet*	Intermediate Bent Details	STRUCTURES	SUBSTRUCTURE	B1-##,B2-##, ...	***
35	B#Footing*	Footing	STRUCTURES	SUBSTRUCTURE	B1-##,B2-##, ...	***
36	B#FootingDet*	Footing Details	STRUCTURES	SUBSTRUCTURE	B1-##,B2-##, ...	***
37	B#Pier*	Pier	STRUCTURES	SUBSTRUCTURE	B1-##,B2-##, ...	***
38	B#PierDet*	Pier Details	STRUCTURES	SUBSTRUCTURE	B1-##,B2-##, ...	***
39	B#PrecastPierDet*	Precast Pier Details	STRUCTURES	SUBSTRUCTURE	B1-##,B2-##, ...	***
40	B#PierCapSegDim*	Pier Cap Segment Dimensions	STRUCTURES	SUBSTRUCTURE	B1-##,B2-##, ...	***
41	B#PTPierDet*	Pier Post-Tensioning (PT) Details	STRUCTURES	POST-TENSIONING	B1-##,B2-##, ...	***
42	B#BearingPads*	Neoprene Bearing Pads	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
43	B#BearingPlates*	Beveled Bearing Plates	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
44	B#PotBearingDet*	Pot Bearing Details	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
45	B#DiscBearingDet*	Disc Bearing Details	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
46	B#BearingDet*	Bearing Details	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
47	B#BeamLay*	Beam Layout	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
48	B#BeamLayAASHTO*	AASHTO Beam Layout	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
49	B#BeamLayFIB*	Florida-I Beam (FIB) Layout	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
50	B#BeamLayFSB*	Florida Slab Beam (FSB) Layout	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
51	B#BeamLayBTB*	Bulb-T Beam Layout	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
52	B#BeamLayFUB*	Florida-U Beam (FUB) Layout	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
53	B#BeamLayITB*	Inverted T Beam Layout	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***

Structures Plans Naming Convention and Numbering Convention						
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54	B#BeamLayTB*	T Beam Layout	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
55	B#PrestSlab*	Prestressed Slab Units	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
56	B#DataTableBeams*	<i>(Beam Name)</i> Table of Beam Variables	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
57	B#TypicalSection*	Typical Section Through Bridge Deck	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
58	B#FramingPlan*	Framing Plan	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
59	B#SteelGirder*	Steel Girder	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
60	B#SteelDet*	Steel Girder Details	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
61	B#DiaphragmSteelDet*	Diaphragm Details <i>(w/ steel beams/girders)</i>	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
62	B#CrossFrameDet*	Cross Frame Details	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
63	B#Stiffener*	Stiffener Details	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
64	B#FieldSplice*	Bolted Field Splice	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
65	B#FieldSpliceDet*	Bolted Field Splice Details	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
66	B#FloorBeam*	Floor Beams	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
67	B#Camber*	Camber Diagrams	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
68	B#Superst*	Superstructure	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
69	B#SuperstDet*	Superstructure Details	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
70	B#ClosureJointDet*	Closure Joint Details	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
71	B#DiaphragmConcDet*	Diaphragm Details <i>(w/ concrete beams/girders)</i>	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
72	B#SegLayout*	Segment Layout	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
73	B#SegJointCoord*	Segment Joint Coordinates	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
74	B#TypSegDim*	Typical Segment Dimensions	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
75	B#TypSegDet*	Typical Segment Details	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
76	B#TypSegReinf*	Typical Segment Reinforcing	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
77	B#DevSegDim*	Deviation Segment Dimensions	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
78	B#DevSegDet*	Deviation Segment Details	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
79	B#DevSegReinf*	Deviation Segment Reinforcing	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
80	B#PierSegDim*	Pier Segment Dimensions	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
81	B#PierSegDet*	Pier Segment Details	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
82	B#PierSegReinf*	Pier Segment Reinforcing	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***

Structures Plans Naming Convention and Numbering Convention						
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83	B#AbutSegDim*	Abutment Segment Dimensions	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
84	B#AbutSegDet*	Abutment Segment Details	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
85	B#AbutSegReinf*	Abutment Segment Reinforcing	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
86	B#ExpJointSegDim*	Expansion Joint Segment Dimensions	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
87	B#ExpJointSegDet*	Expansion Joint Segment Details	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
88	B#ExpJointSegReinf*	Expansion Joint Segment Reinforcing	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
89	B#ClosurePourDet*	Closure Pour Details	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
90	B#ClosurePourReinf*	Closure Pour Reinforcing	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
91	B#PTTendLayLong*	Longitudinal Post-Tensioning (PT) Tendon Layout	STRUCTURES	POST-TENSIONING	B1-##,B2-##, ...	***
92	B#PTTendLayCont*	Continuity Post-Tensioning (PT) Tendon Layout	STRUCTURES	POST-TENSIONING	B1-##,B2-##, ...	***
93	B#PTTendLayFuture*	Future Post-Tensioning (PT) Tendon Layout	STRUCTURES	POST-TENSIONING	B1-##,B2-##, ...	***
94	B#PTDet*	Post-Tensioning (PT) Details	STRUCTURES	POST-TENSIONING	B1-##,B2-##, ...	***
95	B#PTTransPierSegDet*	Pier Segment Transverse Post-Tensioning (PT) Details	STRUCTURES	POST-TENSIONING	B1-##,B2-##, ...	***
96	B#PTTransAbutSegDet*	Abutment Segment Transverse Post-Tensioning (PT) Details	STRUCTURES	POST-TENSIONING	B1-##,B2-##, ...	***
97	B#PTTransExpJtSegDet*	Expansion Joint Segment Transverse Post-Tensioning (PT) Details	STRUCTURES	POST-TENSIONING	B1-##,B2-##, ...	***
98	B#PTTransDet*	Transverse Post-Tensioning (PT) Details	STRUCTURES	POST-TENSIONING	B1-##,B2-##, ...	***
99	B#PTConstSeq*	Construction Sequence Post-Tensioning (PT)	STRUCTURES	POST-TENSIONING	B1-##,B2-##, ...	***
100	B#ErectSeq*	Erection Sequence	STRUCTURES	CONSTRUCTION	B1-##,B2-##, ...	***
101	B#ErectProced*	Erection Procedure for Launching Girder	STRUCTURES	CONSTRUCTION	B1-##,B2-##, ...	***
102	B#AccessHatch*	Access Hatch Assembly	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
103	B#AccessDoor*	Access Door Assembly	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
104	B#MaintLight*	Maintenance Lighting Plan	STRUCTURES	LIGHTING	B1-##,B2-##, ...	***
105	B#MaintLightDet*	Maintenance Lighting Details	STRUCTURES	LIGHTING	B1-##,B2-##, ...	***
106	B#FinishGrEL*	Finish Grade Elevations	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
107	B#ExpJointDet*	Expansion Joint Details	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
108	B#DrainDet*	Drain Details	STRUCTURES	DETAILS	B1-##,B2-##, ...	***
109	B#SidewalkDet*	Sidewalk Details	STRUCTURES	DETAILS	B1-##,B2-##, ...	***
110	B#TrafficRailing*	Traffic Railing	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
111	B#PedRailing*	Pedestrian Railing	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***

Structures Plans Naming Convention and Numbering Convention						
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112	B#SlidingPlate*	Traffic / Pedestrian Railing Sliding Plate Assembly	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
113	B#ConduitDet*	Conduit Details	STRUCTURES	DETAILS	B1-##,B2-##, ...	***
114	B#JunctBoxDet*	Junction Box Details	STRUCTURES	DETAILS	B1-##,B2-##, ...	***
115	B#LadderDet*	Ladder Details	STRUCTURES	DETAILS	B1-##,B2-##, ...	***
116	B#JackingDet*	Jacking Details	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
117	B#MiscDet*	Miscellaneous Details	STRUCTURES	DETAILS	B1-##,B2-##, ...	***
118	B#FenderSystem*	Fender System	STRUCTURES	FENDERS	B1-##,B2-##, ...	***
119	B#FenderDet*	Fender System Details	STRUCTURES	FENDERS	B1-##,B2-##, ...	***
120	B#ApproachSlab*	Approach Slab	STRUCTURES	SUPERSTRUCTURE	B1-##,B2-##, ...	***
121	B#TempDetourPlanElev*	Temporary Detour Bridge Plan and Elevation	STRUCTURES	TEMPORARY DETOUR	B1-##,B2-##, ...	***
122	B#TempDetourFoundLay*	Temporary Detour Bridge Foundation Layout	STRUCTURES	TEMPORARY DETOUR	B1-##,B2-##, ...	***
123	B#TempDetourPileData*	Temporary Detour Bridge Pile Data Table	STRUCTURES	TEMPORARY DETOUR	B1-##,B2-##, ...	***
124	B#TempDetourPileDet*	Temporary Detour Bridge Pile Details	STRUCTURES	TEMPORARY DETOUR	B1-##,B2-##, ...	***
125	B#TempDetourEndBent*	Temporary Detour Bridge End Bent	STRUCTURES	TEMPORARY DETOUR	B1-##,B2-##, ...	***
126	B#TempDetourEndBentDet*	Temporary Detour Bridge End Bent Details	STRUCTURES	TEMPORARY DETOUR	B1-##,B2-##, ...	***
127	B#TempDetourIntBent*	Temporary Detour Bridge Intermediate Bent	STRUCTURES	TEMPORARY DETOUR	B1-##,B2-##, ...	***
128	B#TempDetourIntBentDet*	Temporary Detour Bridge Intermediate Bent Details	STRUCTURES	TEMPORARY DETOUR	B1-##,B2-##, ...	***
129	B#TempDetourDet*	Temporary Detour Bridge Details	STRUCTURES	TEMPORARY DETOUR	B1-##,B2-##, ...	***
130	B#LTPileProgSum*	Pile Load Test Program Summary	STRUCTURES	LOAD TESTING	B1-##,B2-##, ...	LT-##
131	B#LTDriII ShaftSum*	Drilled Shaft Load Test Program Summary	STRUCTURES	LOAD TESTING	B1-##,B2-##, ...	LT-##
132	B#LTLateralProgSum*	Lateral Load Test Program Summary	STRUCTURES	LOAD TESTING	B1-##,B2-##, ...	LT-##
133	B#LTPileDet*	Pile Load Test Details	STRUCTURES	LOAD TESTING	B1-##,B2-##, ...	LT-##
134	B#LTDriII ShaftDet*	Drilled Shaft Load Test Details	STRUCTURES	LOAD TESTING	B1-##,B2-##, ...	LT-##
135	B#LTOsterbergCellDet*	Osterberg Cell Load Test Details	STRUCTURES	LOAD TESTING	B1-##,B2-##, ...	LT-##
136	B#LTLateralDet*	Lateral Load Test Details	STRUCTURES	LOAD TESTING	B1-##,B2-##, ...	LT-##
137	B#LTDet*	Load Test Details	STRUCTURES	LOAD TESTING	B1-##,B2-##, ...	LT-##
138	B#InstruDet*	Instrumentation Details	STRUCTURES	LOAD TESTING	B1-##,B2-##, ...	***
139	B#CompTestSetup*	Compression Test Setup	STRUCTURES	LOAD TESTING	B1-##,B2-##, ...	***
140	B#TensionTestSetup*	Tension Test Setup	STRUCTURES	LOAD TESTING	B1-##,B2-##, ...	LT-##

Structures Plans Naming Convention and Numbering Convention						
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141	B#LTFrame*	Load Test Frame Configuration	STRUCTURES	LOAD TESTING	B1-##,B2-##, ...	LT-##
142	B#LTGirderBraceDet*	Load Test Reaction Girder Bracing Details	STRUCTURES	LOAD TESTING	B1-##,B2-##, ...	LT-##
143	B#LTGirderDet*	Load Test Reaction Girder Details	STRUCTURES	LOAD TESTING	B1-##,B2-##, ...	LT-##
144	B#PlatformDet*	Service Platform Deck and Frame Details	STRUCTURES	LOAD TESTING	B1-##,B2-##, ...	***
145	B#LTStatnamicDet*	Statnamic Load Test Details	STRUCTURES	LOAD TESTING	B1-##,B2-##, ...	LT-##
146	B#BP-Notes*	Bascule Pier Notes	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Pier	B1-##,B2-##, ...	BP-##
147	B#BL-Elevation*	Bascule Span Elevation	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BP-##
148	B#BP-PlanViewsX*	Bascule Pier X - AA (X = Pier Number) (AA = Footing Level Plan, Pit Level Plan, Machinery Level Plan, Trunnion Level Plan, Roadway Level Plan)	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Pier	B1-##,B2-##, ...	BP-##
149	B#BP-ElevationsX*	Bascule Pier X - BB (X = Pier Number)(BB = East Elevation, West Elevation, North Elevation, South Elevation)	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Pier	B1-##,B2-##, ...	BP-##
150	B#BP-FinishGradeX*	Bascule Pier X Finish Grade Elevations (X = Pier Number)	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Pier	B1-##,B2-##, ...	BP-##
151	B#BP-TransSectX*	Bascule Pier X Transverse Sections (X = Pier Number)	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Pier	B1-##,B2-##, ...	BP-##
152	B#BP-LongSectX*	Bascule Pier X Longitudinal Sections (X = Pier Number)	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Pier	B1-##,B2-##, ...	BP-##
153	B#BP-ClearDiagramX*	Bascule Pier X Clearance Diagram (X = Pier Number)	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Pier	B1-##,B2-##, ...	BP-##
154	B#BP-RailDetX*	Bascule Pier X Railing Details (X = Pier Number)	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Pier	B1-##,B2-##, ...	BP-##
155	B#BP-StairDetX*	Bascule Pier X Stair Details (X = Pier Number)	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Pier	B1-##,B2-##, ...	BP-##
156	B#BP-PierDetX*	Bascule Pier X Details (X = Pier Number)	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Pier	B1-##,B2-##, ...	BP-##
157	B#BP-ReinfPlansX*	Bascule Pier X Reinforcing - AA (X = Pier Number)(AA = Footing Level Plan, Pit Level Plan, Machinery Level Plan, Trunnion Level Plan, Roadway Level Plan)	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Pier	B1-##,B2-##, ...	BP-##
158	B#BP-ReinfElevationsX*	Bascule Pier X Reinforcing - BB (X = Pier Number)(BB = East Elevation, West Elevation, North Elevation, South Elevation)	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Pier	B1-##,B2-##, ...	BP-##
159	B#BP-ReinfTransSectX*	Bascule Pier X Reinforcing Transverse Sections (X = Pier Number)	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Pier	B1-##,B2-##, ...	BP-##
160	B#BP-ReinfLongSectX*	Bascule Pier X Reinforcing Longitudinal Sections (X = Pier Number)	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Pier	B1-##,B2-##, ...	BP-##
161	B#BP-ReinfDetX*	Bascule Pier X Reinforcing Details (X = Pier Number)	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Pier	B1-##,B2-##, ...	BP-##
162	B#BP-RebarListX*	Bascule Pier X Reinforcing Bar List (X = Pier Number)	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Pier	B1-##,B2-##, ...	BP-##
163	B#BT-Notes*	Control House Notes	MECHELEC	MOVABLE BRIDGE - ARCHITECTURAL	B1-##,B2-##, ...	BT-##
164	B#BT-PlanViews*	Control House - AA (AA = Foundation Level Plan and Reinforcement ,	MECHELEC	MOVABLE BRIDGE - ARCHITECTURAL	B1-##,B2-##, ...	BT-##

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		<i>Trunnion Level Plan and Reinforcement, Entry Level Plan and Reinforcement, Tender Level Plan and Reinforcement, Roof Level and Framing Plan)</i>				
165	B#BT-Elevations*	Control House - BB <i>(BB = East Elevation and Reinforcement, West Elevation and Reinforcement, North Elevation and Reinforcement, South Elevation and Reinforcement)</i>	MECHELEC	MOVABLE BRIDGE - ARCHITECTURAL	B1-##,B2-##, ...	BT-##
166	B#BT-Sections*	Control House Sections and Reinforcement	MECHELEC	MOVABLE BRIDGE - ARCHITECTURAL	B1-##,B2-##, ...	BT-##
167	B#BT-Details*	Control House Details	MECHELEC	MOVABLE BRIDGE - ARCHITECTURAL	B1-##,B2-##, ...	BT-##
168	B#BT-StairDet*	Control House Stair Details	MECHELEC	MOVABLE BRIDGE - ARCHITECTURAL	B1-##,B2-##, ...	BT-##
169	B#BT-HVACPlumb*	Control House Heating, Ventilation & Air Conditioning (HVAC) and Plumbing Floor Plans	MECHELEC	MOVABLE BRIDGE - ARCHITECTURAL	B1-##,B2-##, ...	BT-##
170	B#BT-PlumbSchem*	Control House Plumbing Schematic	MECHELEC	MOVABLE BRIDGE - ARCHITECTURAL	B1-##,B2-##, ...	BT-##
171	B#BT-HVACSchem*	Control House Heating, Ventilation & Air Conditioning (HVAC) Schematic	MECHELEC	MOVABLE BRIDGE - ARCHITECTURAL	B1-##,B2-##, ...	BT-##
172	B#BT-HVACPlumbDet*	Control House Heating, Ventilation & Air Conditioning (HVAC) and Plumbing Details	MECHELEC	MOVABLE BRIDGE - ARCHITECTURAL	B1-##,B2-##, ...	BT-##
173	B#BT-RebarList*	Control House Reinforcing Bar List	MECHELEC	MOVABLE BRIDGE - ARCHITECTURAL	B1-##,B2-##, ...	BT-##
174	B#BL-Notes*	Bascule Span Notes	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
175	B#BL-FramingPlan*	Bascule Span Framing Plan	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
176	B#BL-TransSect*	Bascule Span Transverse Sections	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
177	B#BL-GirderElev*	Bascule Span Main Girder Elevation	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
178	B#BL-GirderSectDet*	Bascule Span Main Girder Sections and Details	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
179	B#BL-WebGeoCamberDet*	Bascule Span Web Geometry and Camber Details	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
180	B#BL-ForceDiag*	Bascule Span Force Diagrams	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
181	B#BL-FloorBeamDet*	Bascule Span Floor Beam Details	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
182	B#BL-CountBoxDet*	Bascule Span Counterweight Box Details	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
183	B#BL-CountPlan*	Bascule Span Counterweight Plan	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
184	B#BL-CountSections*	Bascule Span Counterweight Sections	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
185	B#BL-LatBracPlan*	Bascule Span Lateral Bracing Plan	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
186	B#BL-LatBracDet*	Bascule Span Lateral Bracing Details	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
187	B#BL-DeckPanelLay*	Bascule Span Deck Panel Layout	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
188	B#BL-DeckPanelDet*	Bascule Span Deck Panel Details	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
189	B#BL-DeckPlan*	Bascule Span Deck Plan	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
190	B#BL-DeckSectDet*	Bascule Span Deck Sections and Details	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##

Structures Plans Naming Convention and Numbering Convention						
Sheet Order	File Name	File Title / Description	Control File	File Group	Sheet Prefix	Drawing Prefix
* - Design Format ** - Lead or Component Key Sheet *** - Optional ## - Sheet Sequence Number						
191	B#BL-ArmJointLay*	Bascule Span Armored Joint Plan Layout	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
192	B#BL-ArmJointDet*	Bascule Span Armored Joint Details	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
193	B#BL-LLShoeAssem*	Bascule Span Live Load (LL) Shoe Assembly	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
194	B#BL-CentDev*	Bascule Span Centering Device	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
195	B#BL-LockBarHseDet*	Bascule Span Lock Bar Housing Details	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
196	B#BL-BalPlan*	Bascule Span Balance Plan	MECHELEC	MOVABLE BRIDGE – STRUCTURAL – Bascular Span	B1-##,B2-##, ...	BL-##
197	B#Mech-Notes*	Machinery Notes	MECHELEC	MOVABLE BRIDGE - MECHANICAL	B1-##,B2-##, ...	BM-##
198	B#Mech-BLMachSys*	Bascule Span Machinery Systems	MECHELEC	MOVABLE BRIDGE - MECHANICAL	B1-##,B2-##, ...	BM-##
199	B#Mech-SDMachPlan*	Span Drive Machinery Plan	MECHELEC	MOVABLE BRIDGE - MECHANICAL	B1-##,B2-##, ...	BM-##
200	B#Mech-SDMachElev*	Span Drive Machinery Elevation	MECHELEC	MOVABLE BRIDGE - MECHANICAL	B1-##,B2-##, ...	BM-##
201	B#Mech-SDMachElevDet*	Span Drive Machinery Elevation Details	MECHELEC	MOVABLE BRIDGE - MECHANICAL	B1-##,B2-##, ...	BM-##
202	B#Mech-SDMachTable*	Span Drive Machinery Tables	MECHELEC	MOVABLE BRIDGE - MECHANICAL	B1-##,B2-##, ...	BM-##
203	B#Mech-DiffLock*	Differential Lock Out Mechanism Assembly and Floating Shaft	MECHELEC	MOVABLE BRIDGE - MECHANICAL	B1-##,B2-##, ...	BM-##
204	B#Mech-DiffLockDet*	Differential Lock Out Mechanism Details	MECHELEC	MOVABLE BRIDGE - MECHANICAL	B1-##,B2-##, ...	BM-##
205	B#Mech-SDMachSuppDet*	Span Drive Machinery Support Details	MECHELEC	MOVABLE BRIDGE - MECHANICAL	B1-##,B2-##, ...	BM-##
206	B#Mech-RackPinion*	Rack/Pinion and Trunnion Assembly	MECHELEC	MOVABLE BRIDGE - MECHANICAL	B1-##,B2-##, ...	BM-##
207	B#Mech-RackDet*	Rack Assembly Details	MECHELEC	MOVABLE BRIDGE - MECHANICAL	B1-##,B2-##, ...	BM-##
208	B#Mech-PinionDet*	Pinion Assembly Details	MECHELEC	MOVABLE BRIDGE - MECHANICAL	B1-##,B2-##, ...	BM-##
209	B#Mech-TrunAssemDet*	Trunnion Assembly Details	MECHELEC	MOVABLE BRIDGE - MECHANICAL	B1-##,B2-##, ...	BM-##
210	B#Mech-SLimSwitchDet*	Span Limit Switch Details	MECHELEC	MOVABLE BRIDGE - MECHANICAL	B1-##,B2-##, ...	BM-##
211	B#Mech-SLockAssemb*	Span Lock Assembly	MECHELEC	MOVABLE BRIDGE - MECHANICAL	B1-##,B2-##, ...	BM-##
212	B#Mech-SLockDet*	Span Lock Details	MECHELEC	MOVABLE BRIDGE - MECHANICAL	B1-##,B2-##, ...	BM-##
213	B#Elec-Notes*	Electrical Notes	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
214	B#Elec-PlanElev*	Electrical Plan and Elevation	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
215	B#Elec-Abbrev*	Electrical Abbreviations	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
216	B#Elec-Legend*	Electrical Legend	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
217	B#Elec-OneLineDia*	One Line Diagram	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
218	B#Elec-LightPanSched*	Lighting Panel Schedule	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
219	B#Elec-LightPanCirc*	Lighting Panel Circuits	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##

Structures Plans Naming Convention and Numbering Convention						
Sheet Order	File Name	File Title / Description	Control File	File Group	Sheet Prefix	Drawing Prefix
* - Design Format ** - Lead or Component Key Sheet *** - Optional ## - Sheet Sequence Number						
220	B#Elec-BTFloorPlan*	Control House Floor Plans	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
221	B#Elec-BPElectLay*	Bascule Pier Electrical Layout	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
222	B#Elec-BPRefCeilPlan*	Bascule Pier Reflected Ceiling Plans	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
223	B#Elec-MCCLay*	Motor Control Center (MCC) Layout	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
224	B#Elec-DriveCabDet*	Drive Cabinet Details	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
225	B#Elec-CtlDeskLay*	Control Desk Layout	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
226	B#Elec-CtlDeskDet*	Control Desk Details	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
227	B#Elec-CtlCabDet*	Control Cabinet Details	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
228	B#Elec-CtlSysArchDi*	Control System Architectural Diagram	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
229	B#Elec-OperSeqFlow*	Operating Sequence Flowchart	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
230	B#Elec-CtlSchem*	Control Schematics	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
231	B#Elec-NavLight*	Navigational Lighting	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
232	B#Elec-TrafficConDet*	Traffic Control Details	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
233	B#Elec-FireAlarm*	Fire Alarm System	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
234	B#Elec-CCTVSys*	Closed Circuit Television (CCTV) System	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
235	B#Elec-CommSys*	Communication System	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
236	B#Elec-LighProtSyst*	Lightning Protection System	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
237	B#Elec-GeneratorDet*	Generator Details	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
238	B#Elec-SubCondDet*	Submarine Conduit Details	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
239	B#Elec-FlexCableDet*	Flexible Cable Details	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
240	B#Elec-CondSchem*	Conduit Schematic	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
241	B#Elec-CondConductSched*	Conduit and Conductor Schedule	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
242	B#Elec-BTReflCeil*	Control House Reflected Ceiling Plans	MECHELEC	MOVABLE BRIDGE - ELECTRICAL	B1-##,B2-##, ...	BE-##
243	B#PedBridgeDataTable*	Pedestrian Bridge Data	STRUCTURES	TABLES	BP-1, BP-2, BP-##	***
244	B#RebarList*	Reinforcing Bar List	STRUCTURES	CONSTRUCTION	B1-##,B2-##, ...	***
245	B#DataTableLoadRating*	Load Rating Summary Table	STRUCTURES	TABLES	B1-##,B2-##, ...	***
246	B#WallControl*	Wall Control Drawing	STRUCTURES	WALLS	BW-##	W1-##,W2-##, ...
247	B#Bulkhead*	Bulkhead	STRUCTURES	WALLS	BW-##	W1-##,W2-##, ...
248	B#BulkheadDet*	Bulkhead Details	STRUCTURES	WALLS	BW-##	W1-##,W2-##, ...

Structures Plans Naming Convention and Numbering Convention						
Sheet Order	File Name	File Title / Description	Control File	File Group	Sheet Prefix	Drawing Prefix
* - Design Format ** - Lead or Component Key Sheet *** - Optional ## - Sheet Sequence Number						
249	B#SheetPileWallAnchSteel*	Anchored Steel Sheet Pile Wall	STRUCTURES	WALLS	BW-##	W1-##,W2-##, ...
250	B#SheetPileWallAnchConc*	Anchored Concrete Sheet Pile Wall	STRUCTURES	WALLS	BW-##	W1-##,W2-##, ...
251	B#SheetPileWallCantSteel*	Cantilever Steel Sheet Pile Wall	STRUCTURES	WALLS	BW-##	W1-##,W2-##, ...
252	B#SheetPileWallCantConc*	Cantilever Concrete Sheet Pile Wall	STRUCTURES	WALLS	BW-##	W1-##,W2-##, ...
253	B#SheetPileWall*	Sheet Pile Wall	STRUCTURES	WALLS	BW-##	W1-##,W2-##, ...
254	B#MSEWall*	Mechanically Stabilized Earth (MSE) Wall	STRUCTURES	WALLS	BW-##	W1-##,W2-##, ...
255	B#RetainingWall*	Retaining Wall	STRUCTURES	WALLS	BW-##	W1-##,W2-##, ...
256	B#MSEWallGEO*	Mechanically Stabilized Earth (MSE) Wall Standard Penetration Test (SPT) Borings	GEOTECH	GEOTECHNICAL FOR STRUCTURES (DGN)	BW-##	W1-##,W2-##, ...
257	B#RetainingWallGEO*	Retaining Wall Standard Penetration Test (SPT) Borings	GEOTECH	GEOTECHNICAL FOR STRUCTURES (DGN)	BW-##	W1-##,W2-##, ...
258	B#SheetPileWallGEO*	Sheet Pile Wall Standard Penetration Test (SPT) Borings	GEOTECH	GEOTECHNICAL FOR STRUCTURES (DGN)	BW-##	W1-##,W2-##, ...
259	B#NoiseWall*	Noise Wall	STRUCTURES	WALLS	BW#-##	SB1-##, SB2-##, ...
260	B#NoiseWallGEO*	Noise Wall Standard Penetration Test (SPT) Borings	GEOTECH	GEOTECHNICAL FOR STRUCTURES (DGN)	BW#-##	SB1-##, SB2-##, ...
261	B#CrashWall*	Crash Wall	STRUCTURES	WALLS	BW-##	W1-##,W2-##, ...
262	B#RebarListWall*	Reinforcing Bar List (<i>Wall/bulkhead related</i>)	STRUCTURES	WALLS	BW-##	W1-##,W2-##, ...
263	B#MiscStr*	Miscellaneous Structure	STRUCTURES	MISCELLANEOUS	B#-##	***
264	B#MiscStrClvt*	Box Culvert	STRUCTURES	MISCELLANEOUS	B#-##	***
	StrBorder*	Referencing Structures Borders	STRUCTURES	PLAN SHEETS		

➤ **Non-Bridge Related Filenames:**

Create the following non-bridge related files in the Structures workspace using Structures seed files. Include mast arm and overhead sign structure sheets in the Roadway plans. Include the sheets for all other listed items in the Roadway plans when no Structures plans are present.

Sheet Order	File Name	File Title / Description	Control File	File Group	Sheet Prefix	Drawing Prefix
a1	WallControl*	Wall Control Drawing (<i>Non-Bridge Related</i>)	STRUCTURES	WALLS (<i>Non-Bridge Related</i>)	None	W1-##,W2-##, ...
a2	Bulkhead*	Bulkhead (<i>Non-Bridge Related</i>)	STRUCTURES	WALLS (<i>Non-Bridge Related</i>)	None	W1-##,W2-##, ...
a3	BulkheadDet*	Bulkhead Details (<i>Non-Bridge Related</i>)	STRUCTURES	WALLS (<i>Non-Bridge Related</i>)	None	W1-##,W2-##, ...
a4	SheetPileWallAnchSteel*	Anchored Steel Sheet Pile Wall (<i>Non-Bridge Related</i>)	STRUCTURES	WALLS (<i>Non-Bridge Related</i>)	None	W1-##,W2-##, ...
a5	SheetPileWallAnchConc*	Anchored Concrete Sheet Pile Wall (<i>Non-Bridge Related</i>)	STRUCTURES	WALLS (<i>Non-Bridge Related</i>)	None	W1-##,W2-##, ...
a6	SheetPileWallCantSteel*	Cantilever Steel Sheet Pile Wall (<i>Non-Bridge Related</i>)	STRUCTURES	WALLS (<i>Non-Bridge Related</i>)	None	W1-##,W2-##, ...
a7	SheetPileWallCantConc*	Cantilever Concrete Sheet Pile Wall (<i>Non-Bridge Related</i>)	STRUCTURES	WALLS (<i>Non-Bridge Related</i>)	None	W1-##,W2-##, ...
a8	SheetPileWall*	Sheet Pile Wall (<i>Non-Bridge Related</i>)	STRUCTURES	WALLS (<i>Non-Bridge Related</i>)	None	W1-##,W2-##, ...
a9	MSEwall*	Mechanically Stabilized Earth (MSE) Wall (<i>Non-Bridge Related</i>)	STRUCTURES	WALLS (<i>Non-Bridge Related</i>)	None	W1-##,W2-##, ...
a10	RetainingWall*	Retaining Wall (<i>Non-Bridge Related</i>)	STRUCTURES	WALLS (<i>Non-Bridge Related</i>)	None	W1-##,W2-##, ...
a11	MSEWallGEO*	Mechanically Stabilized Earth (MSE) Wall Standard Penetration Test (SPT) Borings (<i>Non-Bridge Related</i>)	GEOTECH	GEOTECHNICAL (<i>Non-Bridge Related</i>)	None	W1-##,W2-##, ...
a12	RetainingWallGEO*	Retaining Wall Standard Penetration Test (SPT) Borings (<i>Non-Bridge Related</i>)	GEOTECH	GEOTECHNICAL (<i>Non-Bridge Related</i>)	None	W1-##,W2-##, ...
a13	SheetPileWallGEO*	Sheet Pile Wall Standard Penetration Test (SPT) Borings (<i>Non-Bridge Related</i>)	GEOTECH	GEOTECHNICAL (<i>Non-Bridge Related</i>)	None	W1-##,W2-##, ...
a14	NoiseWall*	Noise Wall (<i>Non-Bridge Related</i>)	STRUCTURES	WALLS (<i>Non-Bridge Related</i>)	None	SB1-##, SB2-##, ...
a15	NoiseWallGEO*	Noise Wall Standard Penetration Test (SPT) Borings (<i>Non-Bridge Related</i>)	GEOTECH	GEOTECHNICAL (<i>Non-Bridge Related</i>)	None	SB1-##, SB2-##, ...
A16	ConePTGEO*	Cone Penetration Test (CPT) Soundings (<i>Non-Bridge Related</i>)	GEOTECH	GEOTECHNICAL (<i>Non-Bridge Related</i>)	None	SB1-##, SB2-##, ...
a17	CrashWall*	Crash Wall (<i>Non-Bridge Related</i>)	STRUCTURES	WALLS (<i>Non-Bridge Related</i>)	None	W1-##,W2-##, ...
a18	RebarList*	Reinforcing Bar List (<i>Non-Bridge Related</i>)	STRUCTURES	CONSTRUCTION (<i>Non-Bridge Related</i>)	None	W1-##,W2-##, ...
a19	MiscStr*	Miscellaneous Structure (<i>Non-Bridge Related</i>)	STRUCTURES	MISCELLANEOUS (<i>Non-Bridge Related</i>)		
a20	MiscStrClvt*	Culvert (<i>Non-Bridge Related</i>)	STRUCTURES	MISCELLANEOUS (<i>Non-Bridge Related</i>)		
a21	StandardMastArmDataTable*	Standard Mast Arm Assemblies Data Table (<i>Non-Bridge Related</i>)	STRUCTURES	MISCELLANEOUS (<i>Non-Bridge Related</i>)		
a22	SpecialMastArmDataTable*	Special Mast Arm Assemblies Data Table (<i>Non-Bridge Related</i>)	STRUCTURES	MISCELLANEOUS (<i>Non-Bridge Related</i>)		
a23	MastArmTab*	Mast Arm Tabulation (<i>Non-Bridge Related</i>)	STRUCTURES	MISCELLANEOUS (<i>Non-Bridge Related</i>)		
a24	MiscStrMastArm*	Mast Arm Assemblies (<i>Non-standard</i>)	STRUCTURES	MISCELLANEOUS (<i>Non-Bridge Related</i>)		
a25	MiscStrHighMast*	High Mast Light Poles (<i>Non-Bridge Related</i>)	STRUCTURES	MISCELLANEOUS (<i>Non-Bridge Related</i>)		
a26	SignStructCant*	Cantilever Sign Structures Data Table (<i>Non-Bridge Related</i>)	STRUCTURES	MISCELLANEOUS (<i>Non-Bridge Related</i>)		
a27	SignStructSpan*	Span Sign Structures Data Table (<i>Non-Bridge Related</i>)	STRUCTURES	MISCELLANEOUS (<i>Non-Bridge Related</i>)		
a28	MiscStrOHSign*	Overhead Sign Structures (<i>Non-standard</i>)	STRUCTURES	MISCELLANEOUS (<i>Non-Bridge Related</i>)		

4.13.8.2 Resource Files

Files created for the Structures discipline must use the resource files included with the Department's CADD Software packages. All files created for Structures Plans sheets must be created from the supplied Structures Seed or Template files. The Structures Seed/Template files for the FDOT Structures Workspace differs from other Seed files in both working units and unit labeling.

The *StrLevels.dgnlib* library file contains the definitions for Levels, Text, & Dimension styles in MicroStation.

The *StructuresTemplateDetail.dwt* and *StructuresTemplatePlan.dwt* template files contain the definitions Levels, Text, & Dimension Styles in AutoCAD.

Note For V8 format MicroStation files, working units DO NOT define design plane size, only the method of measurement. Therefore, the design plane is the same size for all seed files.

4.13.8.3 Engineering Data

Engineering Data to be delivered with each project must be located in the `\eng_data\` folder and include:

- ASCII files containing Q/C reports
- All computer input and output files used in the design (in native file formats for the software used and printed to PDF format)
- All supplemental design hand design calculations (scanned and saved in PDF or TIFF file formats)

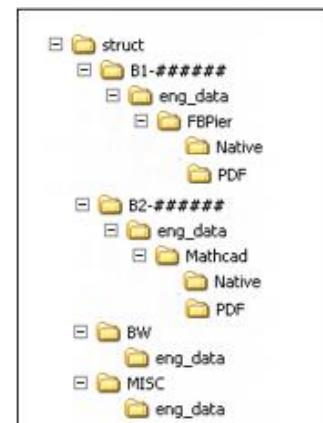
Under the project `\struct\` folder, create separate sub-folders for each bridge and/or structure in the project. Name these sub-folders using the sheet prefix and bridge numbers (when applicable) and locate the MicroStation design files for each bridge under these sub-folders. (e.g...`\struct\B\`; `\struct\B1-#####\`)

Under each bridge and/or structure sub-folder, create an `\eng_data\` sub-folder for the Engineering Data related to the design of the project. (e.g...`\struct\B\eng_data\`; `\struct\B1-#####\eng_data\`). Computer input and output files include files used for all aspects of bridge, retaining wall, and/or miscellaneous structures design. These include, but are not limited to, files generated from the following computer programs:

- | | |
|----------------------------|-----------------|
| • FDOT Structural Software | • FBPIer |
| • GTStrudl | • LEAP Software |
| • STADD | • BD2 |
| • RISA | • MDX |
| • Mathcad Spreadsheets | • BC |
| • Excel Spreadsheets | • Adapt |

Under each of the `\eng_data\` sub-folders for each bridge and/or structure in the project, create subfolders for the applicable programs with two sub-folders: `\PDF\` and `\Native\`. Place the appropriate input and output files in each sub-folder. Only sign and seal these PDF files when required by Contract.

Note For quantity calculations see Section 4.7.2.1.



4.13.8.4 Level and Symbology Standards

For the MicroStation FDOT Structures Workspace, element Level/Symbology Standards are defined in the *StrLevels.dgnlib* Structures Level Library and must be selected from the MicroStation level picker. Each level contains a defined color, line weight, line style, and print property. Color must remain set to BYLEVEL (*except where indicated with ** in the table below*), line weight & line style may be modified as needed.

For AutoCAD, FDOT Structures object Layer Property Standards are defined in the *StructuresTemplateDetail.dwt* and *StructuresTemplatePlan.dwt* template files and must be selected from the AutoCAD layer selector. Each layer contains a defined color, line weight, linetype, and print property. Color must remain set to ByLayer (*except where indicated with ** in the table below*), line weight & line style may be modified as needed. User created Levels ARE NOT acceptable. If additional Levels/Layers are needed, contact the Structures Design Office. The Level named “Default” (in MicroStation) or Layer 0 (in AutoCAD) is not QC compliant and is not to be used for drawing elements. If a discrepancy occurs, the *StrLevels.dgnlib* Structures Level Library or *StructuresTemplate* file supersedes the symbology table on the following pages.

4.13.8.5 Borders and Scales

➤ **Borders:**

Draw all elements at "Full Size" completely before placing text or dimensions. Sheets that reside in the Structures Component of the plan set must use the Structures Border cell “Sheet-Border”. Sheets requiring Structures design that reside within other discipline components of the plan set (Roadway, Lighting, etcetera) must use the Border Roadway w/Initials cell “Sheet-Rdwy”.

Show the scale of the drawing and related details inside the display area of the file, but outside of the Sheet Border area. This is helpful to all users who work on the file.

➤ **Scales:**

The following chart is intended to aid the user in determining the appropriate scale for placing the border and text on a drawing based on the actual size of the drawing. Calculations are based on a 9.60" x 15.40" drawing area inside the border.

• Architect’s Scales

Drawing Scale	Active Scale (AS)	Height (FT.)	Width (FT.)
1/16" = 1'	192	153.59	246.39
3/32" = 1'	128	102.40	164.26
1/8" = 1'	96	76.80	123.20
3/16" = 1'	64	51.20	82.13
1/4" = 1'	48	38.40	61.60
3/8" = 1'	32	25.60	41.07
1/2" = 1'	24	19.20	30.80
3/4" = 1'	16	12.80	20.53
1" = 1'	12	9.60	15.40
1 1/2" = 1'	8	6.40	10.27
3" = 1'	4	3.20	5.13
6" = 1'	2	1.60	2.57
1 = 1	1	.80	1.28

• FORMULAS: Architect’s Scale:

AS = 12 / Drawing Scale (Ex. 1/4" = .25in., then 12/.25 = 48, Therefore AS = 48)

W = Sheet Width (in.) / Drawing Scale (Ex. 1/4" = .25in., then 15.36/.25 = 61.44, Therefore W = 61.44)

H = Sheet Height (in.) / Drawing Scale (Ex. 1/4" = .25in., then 9.72/.25 = 38.88, Therefore H = 38.88)

- **Engineer's Scales**

Drawing Scale	Active Scale (AS)	Height (FT.)	Width (FT.)
1" = 500'	6000	4799.81	7699.69
1" = 400'	4800	3839.85	6159.75
1" = 300'	3600	2879.88	4619.82
1" = 250'	3000	2399.90	3849.85
1" = 200'	2400	1919.92	3079.88
1" = 150'	1800	1439.94	2309.91
1" = 120'	1440	1161.95	1847.93
1" = 100'	1200	959.96	1539.94
1" = 80'	960	767.97	1231.95
1" = 60'	720	575.98	923.96
1" = 50'	600	479.98	769.97
1" = 40'	480	383.98	615.98
1" = 30'	360	287.99	461.98
1" = 20'	240	191.99	307.99
1" = 15'	180	143.99	230.99
1" = 10'	120	96.00	153.99

- **FORMULAS: Engineer's Scale:**

AS = 12 x Drawing Scale *(Ex. 1"=500', then 12 x 500 = 6000, Therefore AS = 6000)*

W = Sheet Width (in.) x Drawing Scale *(Ex. 1"=500', then 15.36 x 500 = 7680, Therefore W = 7680)*

H = Sheet Height (in.) x Drawing Scale *(Ex. 1"=500', then 9.72 x 500 = 4860, Therefore H = 4860)*

4.13.8.6 Text Sizes and Weights

The standard annotation text size for structures drawings is .0063' on a printed sheet. Standard text sizes are provided as custom text styles delivered either via the StrsLevels.dgnlib (MicroStation) or Structures Template (AutoCAD) files.

TITLE	FONT	SIZE (Ft)
Revisions	FDOT	.0050
Initials	FDOT	.0058
Annotation/Table Data	FDOT	.0063
View/Sheet/Sect Titles	FDOTBold	.0080
Large	FDOTBold	.0084
Larger	FDOTBold	.0100

The automatic Annotation Scaling service provided by both CADD platforms should be used for all annotations where possible. The Structures Design Office (SDO) uses special, custom fonts in its drawings and CADD programs; specifically, the FDOT and FDOTMono true type fonts (ttf). These fonts are stored in the *FDOT.ttf* and *FDOTMono.ttf* files supplied with the Department's CADD Software.

The *zDOTFont.rsc* and *StructuresFont.rsc* resource files are delivered in the MicroStation CADD Software Suite providing support for legacy MicroStation fonts 168, 169, 68, and 69. Legacy MicroStation fonts should not be used for new production work.

4.13.8.7 Colors

Colors depend on the color table attached to the design file. Therefore, it is important that "*color.tbl*" provided by Bentley (shipped with MicroStation) is attached to all structures design files.

4.13.8.8 Special Symbols

Special symbol characters are provided in the Department's true type font files. These characters may be accessed via the Insert Symbol tool provided in the MicroStation Text Editor/Word Processor or AutoCAD MText editor dialog.

These characters include, but are not limited to: fractions, mathematical symbols, survey symbols, boring symbols, Greek letters, Super/Sub Scripts.

4.13.8.9 Dimension Settings

Dimension styles are defined in the *strslevels.dgnlib* (MicroStation) or Structures Template files (AutoCAD). Styles are provided for Dimensioning and Notes for various terminators and leaders. Make every effort to use automatic dimensioning with element association enabled.

4.13.8.10 Reference Files

Information from other disciplines, such as Roadway, and Utilities, should not be copied into Structures design files, as they will be flagged as invalid by the QC Software and adversely affect the Standards Compliance Report.

When it is necessary to use or present this type of information, reference it into the Structures design file using relative paths.

4.13.8.11 Existing Bridge Plans

Existing Bridge plan sheets must be submitted in PDF format, not DGN, and manually inserted into the plans using sheet numbers. The January 2017 [Structures Manual Volume 2 - Structures Detailing Manual](#) Section 3.1 B states the following:

"....At the end of the plan set, place all existing bridge sheets for each bridge in one PDF file named "B1ExistingPlans.pdf" for the first bridge (number sheets sequentially "BX1-1", "BX1-2", etc.) and "B2ExistingPlans.pdf" for the second bridge, etc."

Traditionally existing Bridge Plans have been made as a part of the contract documents and therefore should be made part of the plans set; likewise, the PDF file(s) representing the existing Bridge Plans would reside in the \struct\ project folder.

Note The person responsible for assembling the plan set including existing bridge plans may wish to apply a stamp on each existing bridge plan sheet that indicates "FOR INFORMATION ONLY" and the current contract FPID being designed.

4.13.9 Toll Facilities Standards

As per the *Plans Preparation Manual*, Volume 2, Chapter 2, Toll Facility Plans should be prepared in accordance with the Florida's Turnpike Enterprise current *General Tolling Requirements (GTR)* found at the following link: <http://www.floridasturnpike.com/design.html>

4.13.10 Utility Standards

This chapter defines guidelines for sharing data between the District Offices and the Utility Agency/Owner (UAO).

4.13.10.1 Utility File Coordination Options

There are three options available for the UAO to share files with the Department:

- Exchange of design files (DGN or DWG) – the preferred option
- Create American Standard Code for Information Interchange (ASCII) files
- Import of Geographic Information System (GIS) data

➤ *Sharing of Design Files*

Design files are created to the Department's CADD Standards and returned to the District for review. The UAO will use these files as references to create the existing or proposed utility files. These files (existing or proposed) would also be submitted back to the District. It is the District's responsibility to coordinate with the UAO for delivery of design files. For AutoCAD DWG files, all line work for utilities should be preferably in 3D and saved as polylines or feature line objects.

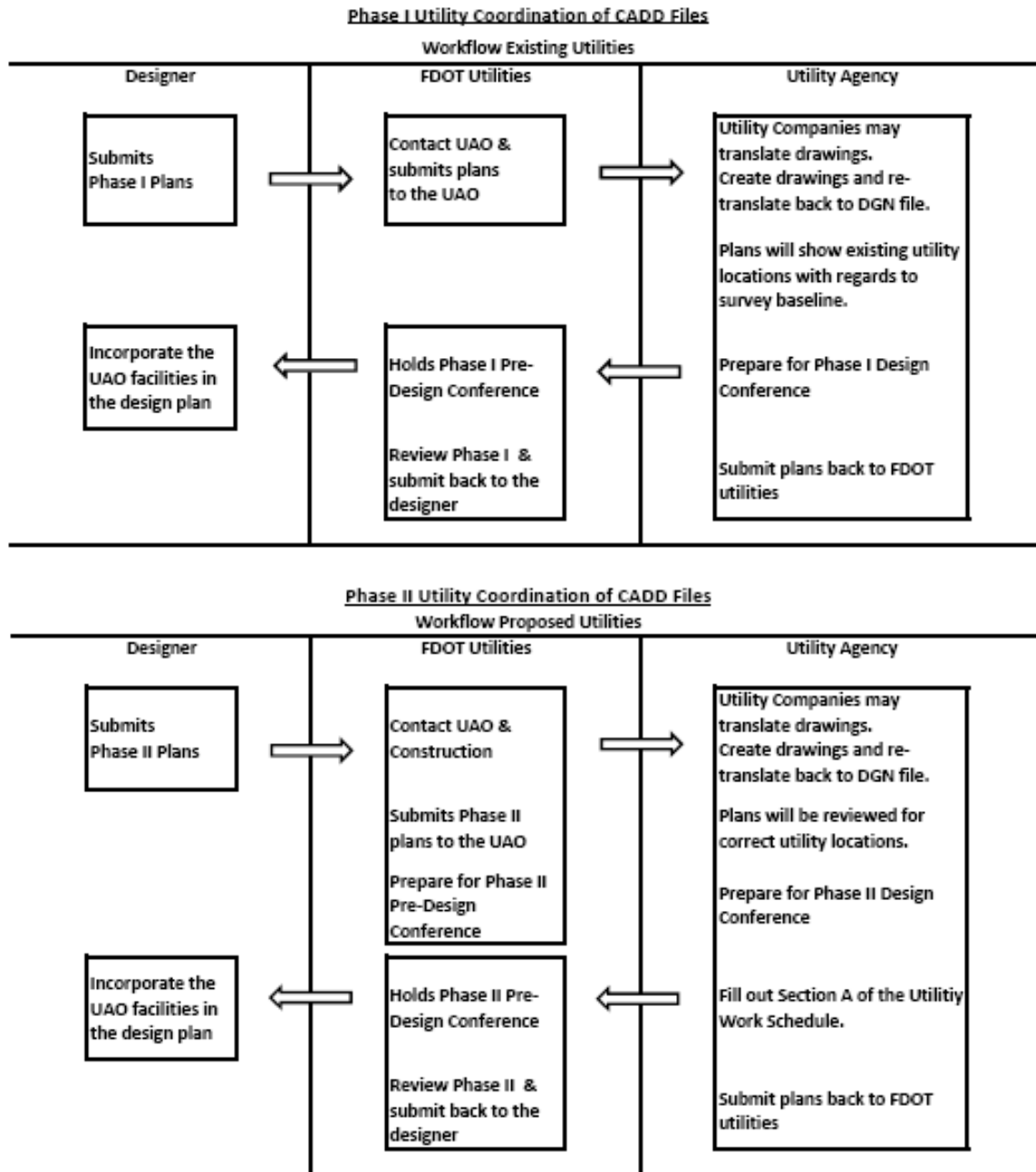
➤ *ASCII Input File*

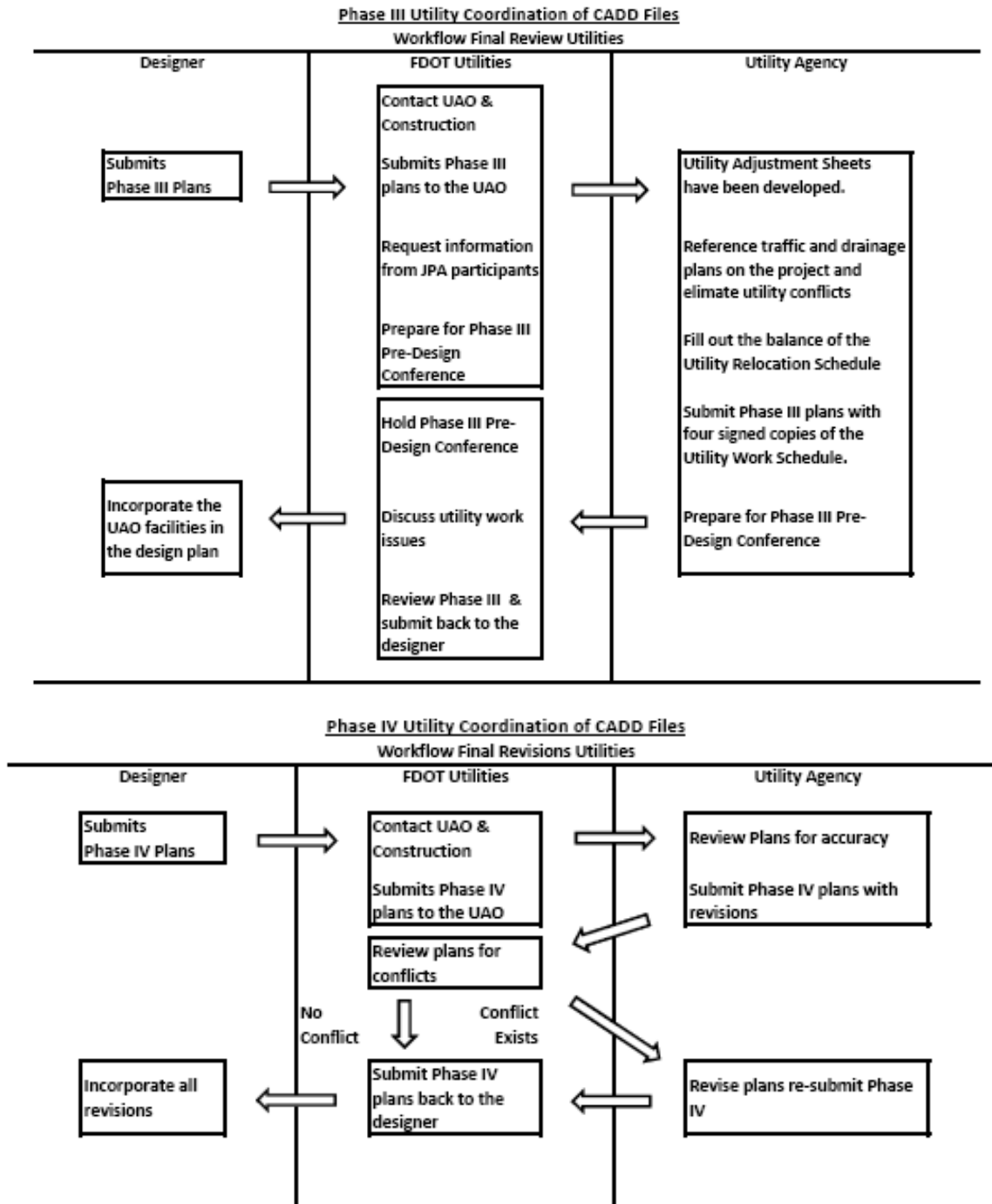
The second option is the ASCII file that can be created from existing or proposed utilities. The ASCII file format will be either LandXML or GEOPAK input format for Station/Offset/Elevation or Northing/Easting/Elevation (State Plane coordinates). These files must contain information pertinent to the location of the utility, as well as the type of utility and where it is located referenced to the (survey baseline) alignment or state plane coordinates.

➤ *Geographic Information System (GIS) File*

In the event that a UAO maintains a GIS database of utility data, that data may be exchanged in GIS shape files.

4.13.10.2 Utility Coordination





Exchange of Design Files

After the Department’s District Utilities Office (via Utility Coordinator) has received the current phase submittal from the Designer, they must contact the involved utilities and notify them of the phase submittal. The UAO will then receive the phase documents from the Department that must contain the Roadway Plans, the necessary CADD files and any Utility Relocation Agreements and Schedules. The required electronic files include the proposed roadway design; the existing topography, the existing and proposed R/W and the existing utilities gathered from the survey and previously supplied data.

No editing of any files provided by the Department will be accepted. The UAO will be placing data into newly created files. File naming standards must be maintained at all times.

4.13.10.4 Standard File Names

The Department utilizes standard naming conventions for all of its files and provides automated tools that depend on this naming convention. The naming convention confers data information to the downstream customer of the files.

➤ **Standard file names should follow this format: AAAABB##.ext**

Where **AAAA** = abbreviated file description, **BB** = Discipline Denotation, **##** =Sequence number.

If the Utility work is accomplished by a Highway Contractor as a separate contract (UWHC plans), the discipline designation for the file name is “UW”.

For example, a MicroStation design file for utility adjustment would be named: *utaduw01.dgn*.

If the Utility adjustments are included in the Roadway Plan set the discipline designation for the file name is “RD”. For example, a utility adjustment file name would be *utard01.dgn*. See Section 4.17 Roadway Standards for the Utilities Standard File Names defined for use by Roadway Design.

Note See Section 4.8 of this document for more information about Standard File Names. See Appendix A for the complete listing of level/symbology standards for each applicable CADD Standard Rule.

Sheet Order reflects placement within the Utilities Component of the Contract Plan Set.

The following table defines the Utility File Names with each file including sequential numbering. Standard model names are also provided.

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
	Borders & Sheets		BDPLUW##	default	UWHC Border Sheet Reference File for Plan Sheets	planrd	fdotseed2d.dgn	
5	Borders & Sheets		GNNTUW##	default	UWHC General Notes	planrd	fdotseed2d.dgn	fdotmaster.dwt
7	Borders & Sheets		PLANUW##	default	UWHC Plan Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
9	Borders & Sheets		PLPRUW## (UTEXRD##)	default	UWHC Plan & Profile Sheet	plprrd	fdotseed2d.dgn	fdotmaster.dwt
10	Borders & Sheets		PROFUW##	default	UWHC Profile Sheet	plprrd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		CLIPUW##	default	UWHC Clip Borders	cliprd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		MTPLUW##	default	UWHC Motif file for plan sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Clipping		MTPRUW##	default	UWHC Motif file for profile sheets	plprrd	fdotseed2d.dgn	fdotmaster.dwt
	Existing Topography		TOPOUW##	default	UWHC Topography - Existing (No Utilities or Drainage included)	topord	fdotseed2d.dgn	survey.dwt
1	Key Sheets		KEYSUW##	default	UWHC Key Sheet	keysht	fdotseedkeymap.dgn	keysht.dwt
	Proposed Design		DSPFUW##	default	UWHC Proposed Profile	plprrd	fdotseed2d.dgn	fdotmaster.dwt
2	Proposed Design		SIGNUW##	default	UWHC Signature Sheet	open	fdotseed2d.dgn	digitalsignature.dwt
	Proposed Design		TEXTUW##	default	UWHC Text Labels & Miscellaneous Descriptions	planrd	fdotseed2d.dgn	
3	Summary Boxes - Tables		CESSUW##	default	UWHC Summary of Pay Items Sheets	planrd	fdotseed2d.dgn	planrd.dwt
4	Summary Boxes - Tables		TABQUW##	default	UWHC Tabulation of Quantity Sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt
8	Utilities		UTADUW## (UTADR##)	default	UWHC Utility Adjustment Sheet	utardr	fdotseed2d.dgn	utardr.dwt
11	Utilities		UTDTUW##	default	UWHC Special Details	open	fdotseed2d.dgn	fdotmaster.dwt
	Utilities	X	UTEXUW## (UTEXRD##)	default	UWHC Utilities – Existing	utexrd	fdotseed2d.dgn	survey.dwt

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
	Utilities	X	UTPRUW## (UTPRRD##)	default	UWHC Utilities – Proposed	utprrd	fdotseed2d.dgn	utprrd.dwt
6	Verified Utilities		SBVHUW##	default	UWHC Summary of Verified Utilities (2D)	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Verified Utilities	X	UTVHUW##	default	UWHC Survey of Verified Utilities (3D version of UTEXRD.dgn)	utexrd	fdotseed3d.dgn	survey.dwt

4.13.10.5 Utility Work by Highway Contractor Agreement Plans

Major highway construction elements such as pavement areas, bridges, drainage structures, right of way, lane widths, control of access limits and highway-straight-line numbers should appear in the Utility Work by Highway Contractor Agreement Plans.

The Department’s plans marked by the UAO will use the following color code:

- **Red:** Existing utilities either (a) To be removed or relocated horizontally or (b) to be placed out-of-service (deactivated) but left in place.
- **Green:** Existing utilities to remain in place with no adjustment.
- **Brown:** Either (a) Existing utilities to be adjusted vertically but to remain in the same horizontal alignment, or (b) Completely new utilities to be installed.

One set of the plans should be returned to the Department with each copy of the Utility Agreement.

4.13.10.6 ASCII Files of Utility Data

ASCII Files of utility data are to be exchanged in the LandXML format which is ubiquitous with most civil design and GIS software. Information about LandXML can be found at: <http://www.LandXML.org>.

- **The File Naming Convention for this ASCII files must be:**
 - *utilx##.xml* for Existing Utilities
 - *utilpr##.xml* for Proposed Utilities
- **Alternately, ASCII files of Utility Data File Naming Convention must be:**
 - *utilx##.inp* for Existing Utilities. Note the *inp* extension for GEOPAK input
 - *utilpr##.inp* for Proposed Utilities. Note the *inp* extension for GEOPAK input

Where ## will be a sequencing number (01, 02, 03, etcetera).

Each electronic ASCII report file must be stored on media according to the Department’s CADD Deliverable Standards. If the provider does not have capability to deliver in LandXML format, a GEOPAK Input format file will also be an acceptable substitute. When delivery is made in GEOPAK Input format, the ASCII report must be accompanied by a printed hardcopy.

4.13.10.7 Utility Scanned Images

If the Utilities are handled through a Joint Utility Agreement and electronic files are not provided to the District for the Utility plans, the paper plans must be scanned. The format must be a published format with a minimum resolution of 300DPI. The required formats are PDF or Group 4 TIFF.

4.13.11 Drainage Standards

The purpose of this chapter is to provide CADD Standards for the Department’s projects generated by Roadway Design and Drainage Design. (See also Section 4.18 of this Chapter for Roadway Standards)

4.13.11.1 Standard File Names

The Department utilizes standard naming conventions and provides automated tools that depend on this naming convention being met. The naming convention confers data information to the downstream customer.

➤ **Standard design file names should follow this format: AAAABB##.ext**

Where **AAAA** = abbreviated file description, **BB** = Discipline Denotation, **##** =Sequence number.

The following table defines the Drainage File names with each file including sequential numbering. Standard model names are also provided. Since most Drainage files are shared with Roadway, the two groups must coordinate the creation and ownership of these files.

See Section 4.8 of this document for more information about Standard File Names. See Appendix A for the complete listing of level/symbology standards for each applicable CADD Standard Rule. Sheet Order reflects placement within the Roadway Component of the Contract Plan Set.

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
	Borders & Sheets		BDDMRD##	default	Border Sheet Reference File for Drainage Map Sheet	planrd	fdotseed2d.dgn	
25	Borders & Sheets		LDPRRD##	default	Lateral Ditch Plan / Profile Sheet	plprrd	fdotseed2d.dgn	fdotmaster.dwt
22	Cross Sections	X	DRXSRD##	rdxsrd Patprd Xsshrd Rdxsrd_shg	Drainage Structure Cross Sections Drainage Structure Pattern Lines Drainage Structure Shapes Drainage Structure Cross Section Sheets	drxsrd	fdotseedxs.dgn	fdotmaster.dwt
26	Cross Sections	X	LDXSRD##	Rdxsrd Patprd Xsshrd Rdxsrd_shg	Lateral Ditch XSections, Pattern Line & Shapes Lateral Ditch Pattern Lines Lateral Ditch Shapes Lateral Ditch Cross Section Sheets	rdxsrd	fdotseedxs.dgn	fdotmaster.dwt
30	Cross Sections	X	PDXSRD##	rdxsrd Patprd Xsshrd Rdxsrd_shg	Pond Cross Sections Pond Pattern Lines Pond Shapes Pond Cross Section Sheets	pdxsrd	fdotseedxs.dgn	fdotmaster.dwt
27	Drainage		DRDTRD##	default	Drainage Detail Sheet	drdrtd	fdotseed2d.dgn	fdotmaster.dwt
	Drainage		DREXRD##	default	Drainage Structures - Existing	drexrd	fdotseed2d.dgn	fdotmaster.dwt
6	Drainage		DRFLRD##	default	Drainage Flood Data Form	drprrd	fdotseed2d.dgn	fdotmaster.dwt
4	Drainage		DRMPRD##	default	Drainage Map	drmprd	fdotseed2d.dgn	fdotmaster.dwt
10	Drainage		DROMRD##	default	Drainage Optional Materials Tabulation	planrd	fdotseed2d.dgn	fdotmaster.dwt
	Drainage	X	DRPRRD##	default	Drainage Structures - Proposed	drprrd	fdotseed2d.dgn	fdotmaster.dwt
28	Proposed Design		PDPLRD##	default	Pond Design	drprrd	fdotseed2d.dgn	fdotmaster.dwt
41	Proposed Design		SWPPRD##	default	Storm Water Pollution Prevention Plan	plprrd	fdotseed2d.dgn	swpprd.dwt
	Proposed Design		TEXTDR##	default	Text Labels & Miscellaneous Descriptions	planrd	fdotseed2d.dgn	

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
52	Proposed Design		WETLRD##	default	Wetlands Delineation for Drainage	planrd	fdotseed2d.dgn	fdotmaster.dwt
5	Summary Boxes /Tables		BRHYRD##	default	Bridge Hydraulics Recommendation Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
23	Summary Boxes /Tables		BXCLRD##	default	Box Culvert Wing wall Design and Special Details	drdtrd	fdotseed2d.dgn	fdotmaster.dwt
9	Summary Boxes /Tables		SUMDRD##	default	Summary of Drainage Structures	planrd	fdotseed2d.dgn	fdotmaster.dwt

4.13.11.2 File Sharing and Merging

Every project utilizes the standard folder structure regardless of the project requirements. Data for each discipline is maintained in its sub-folder. If a discipline requires information from another discipline, the needed file(s) must be referenced from the original folder, not copied.

4.13.11.3 Resource Files

CADD provides software resources for Drainage plans preparation using GEOPAK and Civil 3D. Some Districts utilize other Drainage analysis and design applications, such as Automated Storm Sewer Analysis and Design (ASAD). The Drainage databases produced by drainage design applications must be delivered with the project.

4.13.11.4 Engineering Data

The Drainage discipline folder contains the additional sub-folder named \eng_data\ designated to contain the following:

- Image files of the plan sheets for the drainage design, if applicable
- Quality Control Reports
- Engineering Data output files including Drainage network(s) LandXML as applicable
- Drainage Reports, including drainage databases used for reports
- All supplemental hand calculations (scanned and saved in PDF format)
- Other data pertinent to the overall drainage design

4.13.11.5 Packaging

Listed below are files created by Roadway that are to be treated as Drainage files:

- **DRDTRD##.DGN** - Drainage Detail Sheets
- **DREXRD##.DGN** - Drainage Existing Structures
- **DRFLRD##.DGN** - Flood Data Form
- **DRMPRD##.DGN** - Drainage Map, if required in the PPM) included in the final submittal
- **DRPRRD##.DGN** - Drainage Proposed Structures
- **DRXSRD##.DGN** - Drainage Structure Cross Sections
- **SUMDRD##.DGN** - Summary of Drainage Structures

4.13.12 Survey Standards

This chapter describes the minimum CADD requirements for Survey CADD operations.

4.13.12.1 Standard File Names

The Department utilizes standard naming conventions and provides automated tools that depend on this naming convention being met. The naming convention confers data information to the downstream customer.

➤ **Standard design file names should follow this format: AAAABB##.ext**

Where **AAAA** = abbreviated file description, **BB** = Discipline Denotation, **##** = Sequence number.

The following table defines the Survey file names with each file including sequential numbering. Standard model names are also provided; however, it is not mandatory to use more than the default model.

Note See Section 4.8 of this document for more information about Standard File Names. See Appendix A for the complete listing of level/symbology standards for each applicable CADD Standard Rule.

Sheet Order reflects placement within the Roadway Component of the Contract Plan Set.

Sheet Order	File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
	Drainage	X	DREXRD##	default	Drainage Structures - Existing	drexrd	fdotseed2d.dgn	fdotmaster.dwt
	Existing DTM		GDTMRD##	default	Digital Terrain Model / TIN Model - 3D	gdtmrd	fdotseed3d.dgn	survey.dwt
	Existing Topography	X	TOPORD##	default	Topography - Existing	topord	fdotseed2d.dgn	survey.dwt
32	Existing Topography		TREERD##	default	Tree Survey Sheet	topord	fdotseed2d.dgn	survey.dwt
	Existing Utilities	X	UTEXRD##	default	Utilities - Existing	utexrd	fdotseed2d.dgn	survey.dwt
48	Project Control		CTLSRD##	default	Project Control Sheets	planrd	fdotseed2d.dgn	ctlsrd.dwt
	Survey Development	See note below	SURVRD##	default	Survey Development Model for 3D Design	survrd	fdotseed3d.dgn	survey.dwt
	Verified Utilities	X	UTVHRD##	default	Survey of Verified Utilities (3D version of UTEXRD.dgn)	utexrd	fdotseed3d.dgn	survey.dwt

Note The SURVRD file is a critical file for MicroStation SS4 Corridor Modeling (3D) projects only.

4.13.12.2 Level/Layer and Symbology Standards

Symbology Standards that apply to the Department's Projects are set up under a listing of Standard Level Names with specific ByLevel Color, Style and Weight attributes. These levels are grouped under specific Standard Rules which are associated to each valid Standard Filename of each Discipline for the purpose of performing the Quality Control check for the Department's Standards compliancy of each Project design file. Appendix A provides a listing of all Department CADD Standard Rules with associated Levels and Symbology.

4.13.12.3 FDOT Standard Field Survey Zones for Points & Linear Features / Figures

Zone	Points / Chains	Description
Zone 1	Topo/DTM	Pavement, Sidewalks, Trees, Fences, Buildings, Signs, etc.
Zone 2	Drainage	Drainage Structures, Culverts, Inlets, End Walls, etc.
Zone 3	Utilities	Poles, Service Cabinets, Man Holes, Aerial and Underground Utilities, etc.
Zone 4	Aerial Structure	Superstructures, Bridges and Railroad Overpasses
Zone 5	Primary-Secondary Control Baseline Control (BLC)	Horizontal and Vertical Project Control, Traverse Line and Points
Zone 6	Monumentation Reference Lines, Baseline Survey Field (BL)	Alignment, Property and Boundary Ties (Found or Set)
Zone 7	Cross Section	Check Cross Section Point and Chains to verify DTM
Zone 8	[User Defined]	
Zone 9	Mapping Features	Featurized Mapping Elements (Points or Chains)

4.13.12.4 Utility Quality Levels

Chapter 556, F.S. incorporate locates as described in the 1999 Utility Accommodation Manual (UAM), Section 11.3 Locates. These are no longer described in the UAM.

The following identifies the level of utility locates in ascending order:

- Level “D” -Existing Records
- Level “C” -Surface Visible Feature Survey
- Level “B” -Designating
- Level “A” –Locating

Level “D” locates are information obtained solely from a review of utility records. The comprehensiveness and accuracy of such information is highly limited. Even when existing information for a utility in a particular area is accurate, there are often other underground systems that are not shown on any records. Level “D” may be appropriate for use early in the development of a project to determine the presence of utilities.

Level “C” locates are information obtained to augment Level “D” information. This involves topographic surveying of visible, above ground utility features such as poles, hydrants, valve boxes, circuit breakers, etc. Level “C” may be appropriately used early in the development of a project and will provide better data than Level “D” information alone. Designers can not be sure their design is appropriate nor can construction proceed without caution when using information for underground utilities that is based only on Level “D” and “C” locates.

Level “B” locates are information obtained through the use of designating technologies (e.g. geophysical prospecting technologies). This is an application using scanning technologies, most of which have very specific capabilities and limitations that vary with site conditions. Applying a variety of techniques is essential to the process of preparing a comprehensive horizontal map of utilities and other underground structures on the site. Designating technologies are capable of providing reasonable horizontal information but provide limited vertical information.

Level “A” locates provide the highest level of accuracy of utility locations in three dimensions. This level may apply manual, mechanical or nondestructive (e.g., vacuum excavation) methods to physically expose utilities for measurement and data recording. Levels “B”, “C”, and “D” locates are incorporated in Level “A” locates. The designer should obtain Level “A” locates at highway/utility conflict points where verified information is necessary.

4.13.12.5 FDOT Standard Survey Feature Codes

Features are not limited to one * Field Survey Zone.

[Survey Feature Codes](#) – Link to an Excel spreadsheet for your use.

FDOT Survey Feature Codes				
Point /line	Feature Code	* Field Survey Zone	Level Name	Level Description
L	AC	1	PavtAsphaltCrown_ep	Asphalt Pavement Crown
L	AGF	1	AgricultField_ep	Agricultural Field or Farmland (Not Groves or Orchards)
L	AGV	3	VaultsAG_ep	Vaults Above Grade
L	AP	1	PavtAsphalt_ep	Asphalt Pavement Edge
L	APRS	1	Bridge_ep	Bridge Approaches and Slabs
L	ARST	1	ArchSite_ep	Archeological Site
L	ATTN	1	Attenuator_ep	Attenuation Systems
L	BARW	1	WallBarrier_ep	Barrier Wall Dividing Traffic (All Types)
L	BAS	2	Basins_ep	Sediment Basin, Retention Ponds
L	BCATVA	3	CATVBurB_ep	Cable TV Line Quality Level A Locate (Buried)
L	BCATVB	3	CATVBurB_ep	Cable TV Line Quality Level B Locate (Buried)
L	BCATVC	3	CATVBurC_ep	Cable TV Line Quality Level C Locate (Buried)
L	BCATVD	3	CATVBurD_ep	Cable TV Line Quality Level D Locate (Buried)
L	BGV	3	VaultsBG_ep	Vaults Below Grade
L	BL	6	BLSurveyField_ep	Baseline Survey Field (Calculated from BLC)
L	BLC	5	BLSurveyCntrl_ep	Baseline Survey Control
L	BLDG	1	Building_ep	Buildings
L	BNK	1	BankMent_ep	Embankment (Manmade, Top or Bottom)
L	BOH	1	BuildingOH_ep	Building Roof Overhang (Encroachments)
L	BPWRA	3	ElecBurB_ep	Electrical Quality Level A Locate (Buried)
L	BPWRB	3	ElecBurB_ep	Electrical Quality Level B Locate (Buried)
L	BPWRC	3	ElecBurC_ep	Electrical Quality Level C Locate (Buried)
L	BPWRD	3	ElecBurD_ep	Electrical Quality Level D Locate (Buried)
L	BRCK	1	PavtBrick_ep	Brick Pavement Edge (Roadways and Sidewalks)
L	BRDG	4	BridgeEle_ep	Bridge Elements
L	BSECA	3	ElecBurSecB_ep	Conductor (Secondary Distribution) Quality Level A Locate (Buried)
L	BSECB	3	ElecBurSecB_ep	Conductor (Secondary Distribution) Quality Level B Locate (Buried)
L	BSECC	3	ElecBurSecC_ep	Conductor (Secondary Distribution) Quality Level C Locate (Buried)
L	BSECD	3	ElecBurSecD_ep	Conductor (Secondary Distribution) Quality Level D Locate (Buried)
L	BSTP	1	BusStop_ep	Bus Stop (Chain for Larger Structures)
L	BTA	3	TeleBurB_ep	Telephone (All Sizes) Quality Level A Locate (Buried)
L	BTB	3	TeleBurB_ep	Telephone (All Sizes) Quality Level B Locate (Buried)
L	BTC	3	TeleBurC_ep	Telephone (All Sizes) Quality Level C Locate (Buried)
L	BTB	3	TeleBurD_ep	Telephone (All Sizes) Quality Level D Locate (Buried)
L	BTDA	3	TeleBurDB_ep	Telephone, DUCT (All Sizes) Quality Level A Locate (Buried)
L	BTDB	3	TeleBurDB_ep	Telephone, DUCT (All Sizes) Quality Level B Locate (Buried)
L	BTDC	3	TeleBurDC_ep	Telephone, DUCT (All Sizes) Quality Level C Locate (Buried)

FDOT Survey Feature Codes				
Point /Line	Feature Code	* Field Survey Zone	Level Name	Level Description
L	BTDD	3	TeleBurDD_ep	Telephone, DUCT (All Sizes) Quality Level D Locate (Buried)
L	BTTA	3	TeleBurTB_ep	Telephone, TOLL (All Sizes) Quality Level A Locate (Buried)
L	BTTB	3	TeleBurTB_ep	Telephone, TOLL (All Sizes) Quality Level B Locate (Buried)
L	B TTC	3	TeleBurTC_ep	Telephone, TOLL (All Sizes) Quality Level C Locate (Buried)
L	BTTD	3	TeleBurTD_ep	Telephone, TOLL (All Sizes) Quality Level D Locate (Buried)
L	BXC	2	BoxCulvert_ep	Box Culverts
L	CAN	1	Canal_ep	Canal, Lock
L	CAPA	3	ElecCAPA_ep	Capacitors (Aerial)
L	CAPB	3	ElecCAPB_ep	Capacitors (Buried)
L	CATV	3	CATVAer_ep	Cable TV Line (Aerial)
L	CATVCA	3	CATVCondBurB_ep	Cable TV Conduit System Quality Level A Locate (Buried)
L	CATVCB	3	CATVCondBurB_ep	Cable TV Conduit System Quality Level B Locate (Buried)
L	CATVCC	3	CATVCondBurC_ep	Cable TV Conduit System Quality Level C Locate (Buried)
L	CATVCD	3	CATVCondBurD_ep	Cable TV Conduit System Quality Level D Locate (Buried)
L	CB	2	CatchBasin_ep	Catch Basins
L	CBR	1	CableBarrier_ep	Cable Barrier
L	CCR	1	CurbRamp_ep	Curb Cut Ramp
L	CEM	1	Cemetery_ep	Cemetery, Grave Outlines
L	CG	1	CGep_ep	Curb / Curb and Gutter (at EP & FL)
L	CGB	1	CGBack_ep	Curb and Gutter (Back)
L	CGF	1	CGFace_ep	Curb and Gutter (Face)
L	CINL	2	InletCurb_ep	Curb Inlets
L	CLC	6	CLConst_dp	Centerline (Proposed Construction)
L	CNPY	1	Canopy_ep	Shelters of All Kinds (Gas Station, Toll Plaza, Etc.)
L	COE	1	WetlandCOE_ep	United States Army Corps of Engineers (COE) Wetlands (Marsh or Swamp)
L	COL	9	GovCountyLine_ep	Government: County Line
L	CONV	1	Conveyor_ep	Conveyor Belt Systems (All Types) (Industrial, Agricultural, etc.)
L	CPVC	1	PavtConcreteCrown_ep	Concrete Pavement (Crown)
L	CPVJ	1	PavtConcJoints_ep	Concrete Pavement (Joints)
L	CPVT	1	PavtConcrete_ep	Concrete Pavement (Edges)
L	CRW	1	CurbRampWarning_ep	Detectable Warnings on Curb Ramps
L	CSL	1	ConcSlabs_ep	Concrete Slabs
L	CYL	9	GovCityLimitLine_ep	Government: City Limit Line
L	DECK	1	Deck_ep	Deck / Porch
L	DEP	1	WetlandDEP_ep	Water Management Districts (WMD) & Florida Department of Environmental Protection (DEP) Wetlands
L	DFL	2	FlowLine_ep	Ditch Flow Line Direction (Ditches, Swells, etc.)
L	DOCK	1	Docks_ep	Docks and Wharfs
L	DRIP	1	TreeDripLine_ep	Tree Drip Line for Delineating Root Systems
L	DRNB	2	InletBottom_ep	Drainage Structure Bottoms
L	DRNP	2	DrainPipes_ep	Drainage Pipes and Spouts
L	DTCH	2	Ditch_ep	Ditch (Top, Bottom and Flow Lines)

FDOT Survey Feature Codes				
Point /Line	Feature Code	* Field Survey Zone	Level Name	Level Description
L	DTCHI	2	InletDBL_ep	Ditch Bottom Inlet
L	DTCHP	2	DitchPavt_ep	Ditch Pavement
L	DUCTA	3	ConduitB_ep	Utility Conduit & Encasements Quality Level A Locate
L	DUCTB	3	ConduitB_ep	Utility Conduit & Encasements Quality Level B Locate
L	DUCTC	3	ConduitC_ep	Utility Conduit & Encasements Quality Level C Locate
L	DUCTD	3	ConduitD_ep	Utility Conduit & Encasements Quality Level D Locate
L	DUMB	1	DummyChains_ep	Dummy Chains
L	DWY	1	Driveway_ep	Driveway (Drive, Lane, Turnouts)
L	ECP	3	ElecMultiCtrl_ep	Electric Control Panel (Large Panels with Multiple Controls)
L	ELECS	3	ElecServBox_ep	Electrical Service Box (Large)
L	EM	1	WetlandEM_ep	Edge of Mangrove
L	ESL	1	EndangeredL_ep	Endangered Species Line
L	ESMT	9	EaseLine_ep	Easement Lines
L	EXIST	1	DTMBoundary_ep	Digital Terrain Model (DTM) Boundary
L	FES	2	EndTreatFES_ep	Flared End Section
L	FMA	3	SanitaryFM_B_ep	Sanitary Force Main (All Sizes) Quality Level A Locate
L	FMB	3	SanitaryFM_B_ep	Sanitary Force Main (All Sizes) Quality Level B Locate
L	FMC	3	SanitaryFM_C_ep	Sanitary Force Main (All Sizes) Quality Level C Locate
L	FMD	3	SanitaryFM_D_ep	Sanitary Force Main (All Sizes) Quality Level D Locate
L	FNC	1	Fence_ep	Fence (All Types)
L	FO	3	FOTAer_ep	Fiber Optics Telephone (Aerial) (Size Unknown)
L	FOC	3	FOCAer_ep	Fiber Optics Cable (Aerial)
L	FOCUA	3	FOCBurB_ep	Fiber Optics Cable Quality Level A Locate (Buried)
L	FOCUB	3	FOCBurB_ep	Fiber Optics Cable Quality Level B Locate (Buried)
L	FOCUC	3	FOCBurC_ep	Fiber Optics Cable Quality Level C Locate (Buried)
L	FOCUD	3	FOCBurD_ep	Fiber Optics Cable Quality Level D Locate (Buried)
L	FOP	3	FOEAer_ep	Fiber Optics Electrical (Aerial)
L	FOPUA	3	FOEBurB_ep	Fiber Optics Electrical Quality Level A Locate (Buried)
L	FOPUB	3	FOEBurB_ep	Fiber Optics Electrical Quality Level B Locate (Buried)
L	FOPUC	3	FOEBurC_ep	Fiber Optics Electrical Quality Level C Locate (Buried)
L	FOPUD	3	FOEBurD_ep	Fiber Optics Electrical Quality Level D Locate (Buried)
L	FOTVUA	3	FOTVBurB_ep	Fiber Optics Television Quality Level A Locate (Buried)
L	FOTVUB	3	FOTVBurB_ep	Fiber Optics Television Quality Level B Locate (Buried)
L	FOTVUC	3	FOTVBurC_ep	Fiber Optics Television Quality Level C Locate (Buried)
L	FOTVUD	3	FOTVBurD_ep	Fiber Optics Television Quality Level D Locate (Buried)
L	FOUA	3	FOTBurB_ep	Fiber Optics Telephone Quality Level A Locate (Buried) (Size Unknown)
L	FOUB	3	FOTBurB_ep	Fiber Optics Telephone Quality Level B Locate (Buried) (Size Unknown)
L	FOUC	3	FOTBurC_ep	Fiber Optics Telephone Quality Level C Locate (Buried) (Size Unknown)
L	FOUD	3	FOTBurD_ep	Fiber Optics Telephone Quality Level D Locate (Buried) (Size Unknown)
L	FUSE	3	ElecFuse_ep	Fuses
L	GASA	3	GasB_ep	Gas Line (All Sizes) Quality Level A Locate

FDOT Survey Feature Codes				
Point /Line	Feature Code	* Field Survey Zone	Level Name	Level Description
L	GASB	3	GasB_ep	Gas Line (All Sizes) Quality Level B Locate
L	GASC	3	GasC_ep	Gas Line (All Sizes) Quality Level C Locate
L	GASD	3	GasD_ep	Gas Line (All Sizes) Quality Level D Locate
L	GBRK	1	GroundBrkLine_ep	Ground Break Line (Not Slopes or Embankments)
L	GI	2	InletGutter_ep	Gutter Inlets (All Types)
L	GOLF	1	Golf_ep	Golf Course Features (All Types)
L	GRDBL	1	GuardrailDbl_ep	Guardrail Double Face
L	GRL	1	GuardrailLt_ep	Guardrail Left
L	GRR	1	GuardrailRt_ep	Guardrail Right
L	GRT	2	DrainGrate_ep	Metal Drainage Grate within Concrete Structure
L	GRTL	9	GovGrantLine_ep	Government: Grant Line
L	GRV	1	TreeLineGrove_ep	Groves & Orchards (Boundary)
L	GS	1	GlareScrn_ep	Glare Screen & Blinds
L	GT	1	Gates_ep	Gates
L	GTM	3	GasTestMisc_ep	Gas Test & Miscellaneous
L	GYS	3	GuyWireSpan_ep	Span Guys
L	HED	1	ShrubHedge_ep	Hedges and Shrubs (Boundary)
L	HNDRL	1	Railing_ep	Railings (All Types); Piperail, Guiderail, Handrail Used for Pedestrian and Bicycles
L	HVL	3	ElecAerHVL_ep	High Voltage Transmission Lines
L	ITFCA	1	ITSFiberCableB_ep	Intelligent Transportation System (ITS) Fiber Cable Quality Level A Locate (Buried)
L	ITFCB	1	ITSFiberCableB_ep	Intelligent Transportation System (ITS) Fiber Cable Quality Level B Locate (Buried)
L	ITFCC	1	ITSFiberCableC_ep	Intelligent Transportation System (ITS) Fiber Cable Quality Level C Locate (Buried)
L	ITFCD	1	ITSFiberCableD_ep	Intelligent Transportation System (ITS) Fiber Cable Quality Level D Locate (Buried)
L	JB	2	DrainInctBox_ep	Drainage Junction Box
L	LARW	9	LARWLine_ep	Limited Access Right of Way Lines
L	LARWP	9	LARWLine	Limited Access Right of Way Lines
L	LL	1	LaneLine_ep	Lane Lines - Delineates Travel Lanes
L	LMB	4	LowBrdgMemb_ep	Low Members of Bridge
L	LOTLN	9	GovLotLine_ep	Government: Lot Line
L	LV	1	SlopesLevee_ep	Levees, Dikes, or Dams (Top or Bottom)
L	MAINT	9	MaintLine	Maintenance Line
L	MAR	1	WetlandMAR_ep	Edge of Wetlands (Marsh or Swamp)
L	MEDI	2	InletMedian_ep	Median Inlets
L	MEDRL	9	GovMeanderLine_ep	Government: Meander Line
L	MES	2	EndTreatMES_ep	Mitered End Section
L	MHWL	9	MHWL_TIITF_Line	TIITF:Mean / Ordinary High Water Lines
L	MISC	1	TopoMisc_ep	Topography (Miscellaneous)
L	MP	1	PavtMisc_ep	Pavement Parking Lot/Guardrail/Miscellaneous Pavement
L	MS	1	SignMulti_ep	Multi-column Sign (Large Sign)
L	MURPHY	9	Murphy_TIITF_Line	TIITF: Upland TIITF:Murphy Reservations Lines

FDOT Survey Feature Codes				
Point /Line	Feature Code	* Field Survey Zone	Level Name	Level Description
L	NPWLA	3	WaterNP_B_ep	Non-Potable Water Line (All Sizes) Quality Level A Locate
L	NPWLB	3	WaterNP_B_ep	Non-Potable Water Line (All Sizes) Quality Level B Locate
L	NPWLC	3	WaterNP_C_ep	Non-Potable Water Line (All Sizes) Quality Level C Locate
L	NPWLD	3	WaterNP_D_ep	Non-Potable Water Line (All Sizes) Quality Level D Locate
L	NSPF	9	GovParkLine_ep	Government: National or State Park or Forest Line
L	OBSC	1	AreaObscured_ep	Obscured Area
L	PAVBRK	1	PavtBreak_ep	Pavement Slope Break Line
L	PCULV	2	PipeCulvert_ep	Pipe Culvert
L	PE	9	EasePerpLine	Easement Lines (Perpetual)
L	PETROA	3	Oil_B_ep	Oil Line (All Sizes) Quality Level A Locate
L	PETROB	3	Oil_B_ep	Oil Line (All Sizes) Quality Level B Locate
L	PETROC	3	Oil_C_ep	Oil Line (All Sizes) Quality Level C Locate
L	PETROD	3	Oil_D_ep	Oil Line (All Sizes) Quality Level D Locate
L	PILE	1	PilingColumn_ep	Pilings and Columns (All Types)
L	PIPENA	3	PipeEncaseB_ep	Pipe Encasements Quality Level A Locate
L	PIPENB	3	PipeEncaseB_ep	Pipe Encasements Quality Level B Locate
L	PIPENC	3	PipeEncaseC_ep	Pipe Encasements Quality Level C Locate
L	PIPEND	3	PipeEncaseD_ep	Pipe Encasements Quality Level D Locate
L	PLNT	1	LandscapeBordr_ep	Landscape Planter Structures and Areas
L	PMPIS	1	PumpIsland_ep	Pump Island
L	PMRK	1	PMRK_ep	Pavement Markings (Exclude Travel Lanes)
L	POOL	1	Pools_ep	Pools and Fountains (Not Ponds) (All Types)
L	PRI	3	ElecAerPri_ep	Conductors (Primary Distribution) (Aerial)
L	PROP	9	PropertyLine_ep	Property Lines
L	PWR	3	ElecAer_ep	Electrical Conductors (Distribution & Transmission) (Aerial)
L	QQTRS	9	GovQtrQtrLine_ep	Government: Quarter / Quarter Section Line
L	QTRS	9	GovQuarterLine_ep	Government: Quarter Section Line
L	RAMP	1	AccessRamp_ep	Accessible Ramps (Buildings, Docks, Sidewalks, etc.) (Not Curbs)
L	RD	1	Trail_ep	Roadway, Trail (Unpaved)
L	REFL	6	RefPtLine	Survey Reference Point Line / Detail (Miscellaneous)
L	RETW	1	WallRetainEarth_ep	Wall Holding Earth (All)
L	RIP	1	RipRap_ep	Rip Rap, Rubble
L	ROW	9	RWLine_ep	Right of Way Lines
L	ROWP	9	RWLine	Right of Way Lines
L	RR	1	RailroadTracks_ep	Railroad Tracks (Rail, Bed)
L	RRCL	1	RRBaseline	Railroad Center Line
L	RRX	1	RailroadXing_ep	Railroad Crossing (Roadway Platforms), Railroad Signal w/ Gate
L	SCT	1	TreeLineScatter_ep	Scattered Trees (Boundary)
L	SE	3	SanitarySewerEff_ep	Sanitary Effluent (Open Channel)
L	SEAW	1	WallSea_ep	Sea Walls
L	SEC	3	ElecAerSec_ep	Conductors (Secondary Distribution) (Aerial)

FDOT Survey Feature Codes				
Point /Line	Feature Code	* Field Survey Zone	Level Name	Level Description
L	SECT	9	GovSectionLine_ep	Government: Section Lines
L	SEW	2	EndTreatSEW_ep	Straight Endwall
L	SGNT	1	SignTrussOH_ep	Trusses and Cantilevers for Overhead Signs
L	SHLDR	1	ShldrPaved_ep	Shoulder Edge (Paved)
L	SLC	3	LiteCond_ep	Street Lighting Conductors
L	SLP	1	Slopes_ep	Natural Slopes (Top or Bottom)
L	SLV	9	SubVacOrigLotLine	Subdivision Vacated or Original Lot Line
L	SMAE	1	SignalSupportExt_ep	Signal Support Mast Arm Extension
L	SPD	2	DrainSpecial_ep	Special Drainage Feature (Describe)
L	SPEW	2	EndTreatSPEW_ep	Special Endwall
L	SPL	2	DrainSpillway_ep	Spillways, Flumes or Scuppers
L	SSA	3	SanitarySewerB_ep	Sanitary Sewer (All Sizes) Quality Level A Locate
L	SSB	3	SanitarySewerB_ep	Sanitary Sewer (All Sizes) Quality Level B Locate
L	SSC	3	SanitarySewerC_ep	Sanitary Sewer (All Sizes) Quality Level C Locate
L	SSD	3	SanitarySewerD_ep	Sanitary Sewer (All Sizes) Quality Level D Locate
L	SSW	1	SpanWire_ep	Signal / Span Wire
L	STCKP	1	StockPile_ep	Stock Piles (All Types) (Dirt, Gravel, Sand, etc.)
L	STEAMA	3	SteamB_ep	Steam Line Quality Level A Locate
L	STEAMB	3	SteamB_ep	Steam Line Quality Level B Locate
L	STEAMC	3	SteamC_ep	Steam Line Quality Level C Locate
L	STEAMD	3	SteamD_ep	Steam Line Quality Level D Locate
L	STL	9	GovStateLine_ep	Government: State Line
L	STP	1	Stairs_ep	Stairways, Steps
L	STRM	1	StreamEdge_ep	Stream Edge
L	STRMC	1	StreamCtr_ep	Stream Center
L	STS	2	StormSewer_ep	Storm Sewer (All Sizes) (Drain Pipes & Spouts)
L	SUBL	9	SubDivLine	Subdivision Line
L	SUEL	9	SUEL_TIITF_Line	DEP:TIITF:Safe Upland Elevation Lines or Jurisdictional Lines established by DEP methodology
L	SW	3	Switchgear_ep	Switchgear and Appurtenances
L	SWK	1	SidewalkFront_ep	Sidewalk (Fronts)
L	SWKB	1	SidewalkBack_ep	Sidewalk (Backs)
L	TEL	3	TeleAer_ep	Telephone Line (Aerial)
L	TELS	3	TeleServBox_ep	Telephone Service Box (Large)
L	TESMT	9	EaseTempLine_ep	Easement Lines (Temporary)
L	TESMTP	9	EaseTempLine	Easement Lines Temporary (Proposed)
L	TFD	1	SignalLoop_ep	Traffic Detector Loops
L	TFSP	1	TrafSeparator_ep	Traffic Separator
L	TMPW	1	TempBarrier_ep	Temporary Barrier Dividing Traffic (All)
L	TRANSA	3	ElecBurPriB_ep	Conductors (Primary Distribution) Quality Level A Locate (Buried)
L	TRANSB	3	ElecBurPriB_ep	Conductors (Primary Distribution) Quality Level B Locate (Buried)
L	TRANSC	3	ElecBurPriC_ep	Conductors (Primary Distribution) Quality Level C Locate (Buried)

FDOT Survey Feature Codes				
Point /Line	Feature Code	* Field Survey Zone	Level Name	Level Description
L	TRANSD	3	ElecBurPriD_ep	Conductors (Primary Distribution) Quality Level D Locate (Buried)
L	TRD	1	Treadle_ep	Treadle, Axle Sensor
L	TWP	9	GovTwpRgeLine_ep	Government:Township and Range Government Survey Line
L	TX	1	PavTTractorXing_ep	Tractor Crossings
L	UD	2	UnderDrain_ep	Underdrains and Cross Drains
L	UEW	2	EndTreatUEW_ep	U-Type Endwall
L	UMISC	3	UtilMisc_ep	Utility Items (Miscellaneous)
L	UNPS	1	ShldrUnpaved_ep	Shoulders (Unpaved)
L	VOID	1	VoidArea_ep	Void Area (No Locations Collected)
L	WALL	1	Wall_ep	Walls
L	WDL	1	TreeLineWoods_ep	Woods Line
L	WEDG	1	WaterEdge_ep	Edge of Water
L	WEW	2	EndTreatWEW_ep	Winged Endwall
L	WLA	3	WaterB_ep	Water Line (All Sizes) Quality Level A Locate
L	WLB	3	WaterB_ep	Water Line (All Sizes) Quality Level B Locate
L	WLC	3	WaterC_ep	Water Line (All Sizes) Quality Level C Locate
L	WLD	3	WaterD_ep	Water Line (All Sizes) Quality Level D Locate
L	XO	1	PavtXover_ep	Crossovers and Detours (Temporary)
L	XSC	7	XSPatternlines_ep	Cross Section Chain
L	YD	2	YardDrain_ep	Yard Drain
P	ACU	1	AirCondition_ep	Air Conditioning Unit
P	AHEAD	1	PMAHEAD_ep	Pavement Marking Symbol - AHEAD
P	ANT	3	Antenna_ep	Antenna
P	AT	6	MonumentAT_ep	Monuments - Aerial Targets
P	BIKE	1	PMBIKE_ep	Pavement Marking Symbol - Bicycle
P	BKRK	1	BikeRack_ep	Bicycle Rack (All Sizes)
P	BN	3	Beacons_ep	Beacons and Path Illumination
P	BNCH	1	Bench_ep	Bench
P	BOL	1	Bollard_ep	Bollard
P	BUOY	1	Buoy_ep	Buoys
P	BUS	1	PMBUS_ep	Pavement Marking Symbol - BUS
P	CATVS	3	CATVMisc_ep	Cable TV Service Box and Miscellaneous, Pole
P	CGD	1	CattleGuard_ep	Cattle Guard
P	CLMT	3	TowerTrans_ep	Transmission Tower (Single Column)
P	CLNO	3	SanitarySewerCLNO_ep	Sanitary Sewer Cleanout
P	CMON	6	MonumentCC_ep	Monuments - Concrete (Cast)
P	CMPST	1	Campstove_ep	Campstove, Grill, Firepit, BBQ
P	CSH	1	Core_ep	Core Sample or Test Hole
P	DEFAULT	1	PointLocator_ep	Point Locator Symbol
P	DEFAULT_POINT	1	PointLocator_ep	Point Locator Symbol
P	DF	1	Dolphins_ep	Dolphins and Fenders

FDOT Survey Feature Codes				
Point /Line	Feature Code	* Field Survey Zone	Level Name	Level Description
P	DH	6	MonumentDH_ep	Monuments - Drill Hole, Plug (Control Monumentation)
P	DLP	1	DelineatorPost_ep	Delineator Post, Metal and Flexible
P	DMP	1	Trash_ep	Dumpster, Trash Disposal
P	DMPS	3	SanitarySewerDSta_ep	Sanitary Sewer Dump Station
P	DRM	6	MonumentDR_ep	Monuments - Deep Rod Mark
P	ELEO	3	ElecOutlet_ep	Electrical Outlet
P	EOI	3	SU_Interupt_ep	Subsurface Utility (End of Interruption)
P	ESP	1	EndangeredP_ep	Endangered Species Point
P	FAU	3	WaterFct_ep	Faucet
P	FC	1	TankUG_ep	Fill Cap (Buried Tank)
P	FH	3	FireHydrant_ep	Fire Hydrant
P	FLD	3	FloodLight_ep	Flood Light
P	FP	1	FlagPole_ep	Flag Pole
P	GA	3	Gauges_ep	Gauges
P	GND	1	GroundShot_ep	Ground Shot for Digital Terrain Model (DTM) Densification (Hard Bottom Soundings)
P	GYA	3	GuyWireAnchor_ep	Guy Anchor
P	GYP	3	GuyWirePole_ep	Guy Pole (Dead-Man)
P	HML	3	Tower_ep	High Mast Lighting Poles or Towers
P	HNDC	1	PMAccessible_ep	Pavement Marking Symbol - Accessible (Handicap)
P	HOLE	1	Hole_ep	Empty Hole Test Hole
P	HUMP	1	PMHUMP_ep	Pavement Marking Symbol - HUMP
P	INCN	1	Furnace_ep	Incinerator, Boiler, or Furnace
P	INV	2	FlowlineInvert_ep	Flow Line or Invert Elevations
P	IRC	6	MonumentIRC_ep	Monuments - 5/8 Rod and Cap
P	ITCP	1	ITSCamera_ep	Intelligent Transportation System (ITS) Closed Caption TV Camera Pole
P	ITPS	1	ITSPwrSupply_ep	Intelligent Transportation System (ITS) Closed Caption TV Power Supply (Wired, Solar, etc)
P	ITVS	1	ITSVehSensor_ep	Intelligent Transportation System (ITS) Vehicle Sensor (Infrared)
P	LANE	1	PMLANE_ep	Pavement Marking Symbol - LANE
P	LP	3	Luminaire_ep	Street Light / Pole
P	MBX	1	Mailbox_ep	Mailbox
P	ME	3	MeterElec_ep	Meter (Electric)
P	MERGE	1	PMMERGE_ep	Pavement Marking Symbol - MERGE
P	MEU	3	MeterElecBur_ep	Meter (Electric) (Buried)
P	MG	3	MeterGas_ep	Meter (Gas)
P	MH	3	ManholeUnknown_ep	Manhole (Unknown)
P	MHCATV	3	ManholeCOMM_ep	Manhole (Communications)
P	MHD	2	ManholeSW_ep	Manhole (Storm Water)
P	MHE	3	ManholeElec_ep	Manhole (Electric)
P	MHG	3	ManholeGas_ep	Manhole (Gas)
P	MHS	3	ManholeSS_ep	Manhole (Sanitary Sewer)
P	MHT	3	ManholeTel_ep	Manhole (Telephone)

FDOT Survey Feature Codes				
Point /Line	Feature Code	* Field Survey Zone	Level Name	Level Description
P	MHW	3	ManholeWater_ep	Manhole (Water)
P	MONW	3	WellMon_ep	Well Monitoring, Taps
P	MU	3	MeterUnk_ep	Meter (Unknown)
P	MW	3	MeterWater_ep	Meter (Water)
P	NL	6	MonumentNL_ep	Monuments - Nail, Spike, Pin (Control Monumentation)
P	NOTE	1	TextSurveyLabel	Text Survey Labels
P	OM	6	MonumentOM_ep	Monuments - Other Marker (Control Monumentation)
P	ONLY	1	PMONLY_ep	Pavement Marking Symbol - ONLY
P	OP	1	ShrubOrnamental_ep	Ornamental Plant (Shrub)
P	PHW	1	HazardWaste_ep	Potential Hazardous Waste Site (Old Gas Stations, Dry Cleaners, etc.)
P	PIL	1	PilingPt_ep	Pilings, Piers, or Columns
P	PIP	6	MonumentPIP_ep	Monuments - Metal Pipe, Rod, Bar (Control)
P	PKGGM	1	ParkMeter_ep	Parking Meter
P	PLEQ	1	Playground_ep	Playground Equipment
P	PMON	6	MonumentCP_ep	Monuments - Concrete (Poured)
P	PMP	3	PumpNonPet_ep	Pump (Non Petroleum)
P	PMPF	3	Pump_ep	Pump (Petroleum / Fuel)
P	PMPST	3	SanitarySewerPSta_ep	Pump Station (Sanitary Sewer)
P	POST	1	Post_ep	Post or Pole (Not Monument)
P	PP	3	PoleElec_ep	Electrical Pole
P	PPT	3	PoleElecT_ep	Electrical Pole With Transformer
P	PS	1	PedSignal_ep	Pedestrian Signal Unit, Signage
P	PST	6	MonumentPST_ep	Monuments - Post, Stake, Staub (Control Monumentation)
P	QDEL	3	SU_Delineator_ep	Subsurface Utility (Quality Level Delineator)
P	QLA	3	SU_QLA_ep	Subsurface Utility Quality Level A Locate Point
P	QLB	3	SU_QLB_ep	Subsurface Utility Quality Level B Locate Point
P	QLC	3	SU_QLC_ep	Subsurface Utility Quality Level C Locate Point
P	QLD	3	SU_QLD_ep	Subsurface Utility Quality Level D Locate Point
P	QTREW	6	GovQtrSectCnrEW_ep	Government: 1/4 Section Corner E or W
P	QTRNS	6	GovQtrSectCnrNS_ep	Government: 1/4 Section Corner N or S
P	RG	3	GasReg_ep	Gas Regulator
P	RLS	1	PMRLS_ep	Pavement Marking Symbol - Restricted Lane
P	RRMP	1	RailroadMP_ep	Railroad Milepost
P	RRS	1	RailroadSwitch_ep	Railroad Switch
P	RRWS	1	RailroadWarn_ep	Railroad Warning Sign
P	RXR	1	PMRXXR_ep	Pavement Marking Symbol - Railroad Crossing (RXR)
P	SAT	6	MonumentSAT_ep	Monuments - Hub and Tac
P	SATD	3	SateDish_ep	Satellite Dish Antenna
P	SCHOOL	1	PMSCHOOL_ep	Pavement Marking Symbol - SCHOOL
P	SGNC	1	SignColumn_ep	Cantilever Sign Column (Large)
P	SHP	3	PoleShared_ep	Shared Pole

FDOT Survey Feature Codes				
Point /Line	Feature Code	* Field Survey Zone	Level Name	Level Description
P	SHPT	3	PoleSharedT_ep	Shared Pole with Transformer
P	SHR	1	Shrub_ep	Shrub, Bush
P	SHRC	1	ShrubConiferous_ep	Shrub (Coniferous)
P	SHRD	1	ShrubDeciduous_ep	Shrub (Deciduous)
P	SHWM	2	WaterSeasHghMrk_ep	Seasonal High Water Mark (Bridges, Drainage Ponds and Trees as marked by Environmental)
P	SIG	1	Signal_ep	Signal Head
P	SIGC	1	SignalControl_ep	Signal Controller
P	SIGNAL	1	PMSIGNAL_ep	Pavement Marking Symbol - SIGNAL
P	SIGP	1	SignalPedestal_ep	Signal on Pedestal
P	SILO	1	Silo_ep	Silo
P	SILT	1	GroundShotSilt_ep	Top Elevation of Muck or Silt (Soft Bottom Soundings)
P	SLOW	1	PMSLOW_ep	Pavement Marking Symbol - SLOW
P	SMA	1	SignalSupport_ep	Signal Supports (Including Mast Arm)
P	SP	3	WaterStandpipe_ep	Standpipe (Water)
P	SPH	1	Sprinkler_ep	Sprinkler Head
P	SPLE	1	ITSFiberSpliceE_ep	Intelligent Transportation System (ITS) Fiber Spliced Enclosure
P	SPLV	1	ITSFiberSpliceV_ep	Intelligent Transportation System (ITS) Fiber Spliced Vault (Buried)
P	SPR	1	Tributary_ep	Spring (Water Source)
P	SRVC	3	JunctBox_ep	Junction Box / Service Cabinet (Elec/Tel)
P	SSP	1	SpanWireP_ep	Signal / Span Wire Pole
P	SSS	1	SignSingle_ep	Sign (Single Pole Support)
P	STAL	1	PMSTAL_ep	Pavement Marking Symbol - Straight and Turn Arrow Left
P	STAR	1	PMSTAR_ep	Pavement Marking Symbol - Straight and Turn Arrow Right
P	STAROW	1	PMSTAROW_ep	Pavement Marking Symbol - Straight Direction Arrow
P	STM	1	Stump_ep	Stump
P	STMD	6	MonumentSTD_ep	Monuments - Stamped Disk
P	STMP	6	MonumentSTP_ep	Monuments - Stamped Plate
P	STOP	1	PMSTOP_ep	Pavement Marking Symbol - STOP
P	STTK	1	TankStor_ep	Storage Tank
P	SWG	1	RailroadSignalG_ep	Railroad Signal with Gate
P	TAL	1	PMTAL_ep	Pavement Marking Symbol - Turn Arrow Left
P	TALR	1	PMTALR_ep	Pavement Marking Symbol - Turn Arrow Left and Right
P	TAR	1	PMTAR_ep	Pavement Marking Symbol - Turn Arrow Right
P	TB	3	TeleBooth_ep	Telephone Booth
P	TELP	3	TelePole_ep	Telephone Pole
P	TG	1	StreamGauge_ep	Stream or Tide Gauge
P	THA	3	SU_QLATestHole_ep	Subsurface Utility Test Hole (QLA Only)
P	TPD	3	TelePed_ep	Telephone Pedestal / Service Box
P	TREE	1	Tree_ep	Tree (Unknown)
P	TREEC	1	TreeConiferous_ep	Tree (Coniferous)
P	TREECI	1	TreeCitrus_ep	Tree (Citrus)

FDOT Survey Feature Codes				
Point /Line	Feature Code	* Field Survey Zone	Level Name	Level Description
P	TREECY	1	TreeCypress_ep	Tree (Cypress)
P	TREED	1	TreeDeciduous_ep	Tree (Deciduous)
P	TREEOA	1	TreeOak_ep	Tree (Oak)
P	TREEPA	1	TreePalm_ep	Tree (Palm)
P	TREEPC	1	TreePalmCluster_ep	Tree (Palm Cluster)
P	TREEPI	1	TreePine_ep	Tree (Pine)
P	TRNF	3	Transformer_ep	Transformer
P	TURN	1	PMTURN_ep	Pavement Marking Symbol - TURN
P	UDBX	2	UnderDrainBx_ep	Underdrain Box
P	UMKR	3	UtilMarker_ep	Subsurface Utility Marker
P	VB	3	ValveBox_ep	Valve Box (Unknown)
P	VBG	3	ValveBoxGas_ep	Valve Box (Gas)
P	VBNPW	3	ValveBoxWtrNP_ep	Valve Box (Non-Potable Water)
P	VBS	3	ValveBoxSwr_ep	Valve Box (Sanitary Sewer)
P	VBW	3	ValveBoxWtr_ep	Valve Box (Water)
P	VC	3	ValveCover_ep	Valve Cover (Unknown)
P	VCEF	3	ValveCvrEff_ep	Valve Cover (Effluent)
P	VCG	3	ValveCvrGas_ep	Valve Cover (Gas)
P	VCNPW	3	ValveCvrWaterNP_ep	Valve Cover (Non-Potable Water)
P	VCRW	3	ValveCvrWtrRaw_ep	Valve Cover (Raw Water)
P	VCS	3	ValveCvrSewer_ep	Valve Cover (Sanitary Sewer)
P	VCW	3	ValveCvrWater_ep	Valve Cover (Water)
P	VLV	3	Valve_ep	Valve (Unknown)
P	VLVB	3	ValveBFP_ep	Valve, Valve Box (Back Flow Preventer)
P	VLVG	3	ValveGas_ep	Valve, Valve Box (Gas)
P	VLVNPW	3	ValveWaterNP_ep	Valve, Valve Box (Non Potable Water)
P	VLVS	3	ValveSewer_ep	Valve, Valve Box (Sanitary Sewer)
P	VLVW	3	ValveWater_ep	Valve, Valve Box (Water)
P	VNT	3	Vent_ep	Vent (Unknown)
P	VNTG	3	VentGas_ep	Vent (Gas)
P	VNTS	3	VentSewer_ep	Vent (Sanitary Sewer)
P	WELL	3	Well_ep	Well (All Sizes)
P	WIM	1	WindMill_ep	Wind Mill
P	WLPT	1	WetlandSym_ep	Wetland Point
P	WPB	3	PullBox_ep	Wiring Pull Box (Lighting or Signal)
P	XS	7	XSPt_ep	Cross Section Point, Station
P	YIELD	1	PMYIELD_ep	Pavement Marking Symbol - YIELD
P	ZONE	1	PMZONE_ep	Pavement Marking Symbol - ZONE

4.13.12.6 Data Files Created by Survey

Additional geometry input files are also created for delivery to design. For example: files of existing points, profiles, survey chains, alignments, surfaces, etcetera, should be created in LandXML 1.2 format. For information about LandXML see: <http://www.LandXML.org>. All data delivered to the Department should be placed under the \survey\ discipline folder, which the Department's standard folder structure is included for this purpose. Additional sub-folders may be created under the \survey\ discipline folder to segregate and further organize data. For example: the case where a CAiCE project is placed within the project folder structure under the \survey\ discipline folder for delivery.

Note See Section 4.7 for requirements for creating additional sub-folders.

4.13.12.7 Resource Files

CAiCE and GEOPAK use a feature table to look-up appropriate element symbology for given objects, defined by their "feature" found in the survey. AutoCAD Civil 3D uses similar technology.

For CAiCE, the feature table is found in the folder named x:\FDOTSS4\CAiCE\FTB\, where "x" is the workstation drive letter.

The CAiCE feature table correlates the level numbers (200+ through 9xxx) used in CAiCE to the level names corresponding to the MicroStation DGN file, the SMD features used by GEOPAK Survey and the layer names in the description key/figure prefix database used by AutoCAD Civil 3D. This table is placed in the \CAiCE\FTB\ folder.

A corresponding feature table with an .ftm extension is also loaded to the x:\FDOTSS4\CAiCE\FTB\ folder to control symbology on alignment chains (Geometry Chains with stationing). This table is used by the **Settings > Object Display > Geometry Chains** command in CAiCE to control the proper symbology of alignment stationing, station tics, and station labels based upon scale.

Note The name of the .ftm feature table must match the name of the active .ftb feature table in use during a CAiCE session.

➤ **CAiCE Tables and Cell Libraries**

CAiCE feature tables and cell libraries are provided for existing topography, utilities and drainage features. The tables and cell libraries included for Roadway Design are:

- **FDOT_SS4.FTB** - Feature table containing existing features used by Roadway Design.
 - **FDOT_SS4.FTM** - Corresponding table for controlling alignment / chain symbology and bearing / distance chain labeling (attaches automatically when FDOT_SS4.FTB is attached).
 - **SYENG_SS4.CCL** - CAiCE format of the cell library used by Roadway Design.
 - **FDOT_SS4.TBL** - CAiCE format of the Feature Codes used by Roadway Design
- **SYENG_SS4.CEL** - **MicroStation format of the cell library used by Roadway Design. Feature List Files**

Feature List files; *FDOTTOPO.lis*, *FDOTDran.lis*, and *FDOTUtil.lis*, are also installed into the x:\FDOTSS4\CAiCE\FTB\ folder to assist the user in creating the CAiCE screen graphics containing the appropriate data for producing the three typical design files required by design, *TOPORD00.dgn*, *DREXRD00.dgn*, and *UTEXRD00.dgn*. These List files are listings of the feature codes that belong in the respective design files. Consult your CAiCE documentation on the use of List files.

Note A Department CAiCE application, Theme Viewer, can accomplish a similar function to using CAiCE list files.

➤ **CAiCE Cell Library**

MicroStation Cell libraries cannot be used or attached by CAiCE directly. The MicroStation cell library is translated to CAiCE's own version of a cell library (*.CCL versus MicroStation *.CEL).

➤ **CAiCE Translation Table**

A CAiCE Translation Table, *Edgntype.tbl*, is another resource file provided for CAiCE that maps CAiCE line styles to MicroStation custom line styles. This table is in the CADD Software Install at the x:\FDOTSS4\CAiCE\DGN\ subfolder.

Note To have compatibility with MicroStation long name cells and levels, two files, DGNCell.TBL and DGNLevel.tbl, must reside under your \CAiCE\DGN\ folder.

➤ **Additional CAiCE Tables and Cell Libraries**

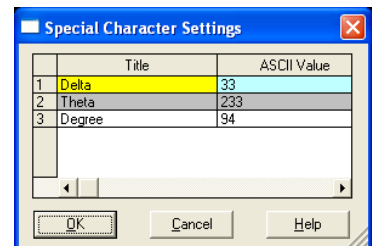
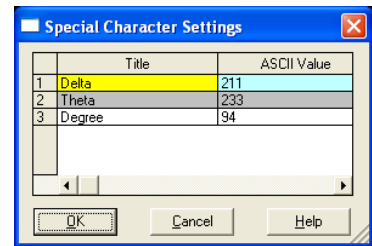
Additional CAiCE feature tables and cell libraries are also provided for existing topography files, created for Right-of-Way mapping purposes. Mapping uses additional consolidation of certain monument symbols and has other symbolization requirements. The tables and cell libraries included are:

- **FDOT_SS4RW.FTB** - Feature table containing the topography features used in ROW Mapping.
- **FDOT_SS4RW.FTM** - Corresponding table for controlling alignment / chain symbology and bearing / distance chain labeling (attaches automatically when FDOT_SS4RW.FTB is attached).
- **RWENG_SS4.CCL** - CAiCE format of the cell library for use in ROW mapping.
- **RWENG_SS4.CEL** - MicroStation format of the topo cell library for use in ROW mapping.

➤ **CAiCE Special Characters**

CAiCE does not support True Type Fonts. CAiCE Font(s) 48 & 58 will have to be manually replaced by True Type Fonts in MicroStation if the CDG2V8 Macro is used for importing CAiCE data.

- **CAiCE font 48 and translating to MicroStation** - Font 48 does not use the standard ASCII table for all special characters. In particular, the degree symbol (°) for MicroStation requires that CAiCE place the Caret Symbol (^) in CAiCE text strings so MicroStation will look correct when data is translated to MicroStation graphics. To force CAiCE to substitute the (^) for the degree (°), CAiCE needs to be set by selecting the menu options: **Settings > Special Characters** and set the ASCII value of 94 to represent degrees as shown in the figure to the right.
- **Right of Way project font 58 in MicroStation** - If exporting to a Right of Way map, CAiCE needs to be set by selecting the menu items: Settings > Special Characters and set the ASCII value 33 to the Delta symbol as shown in the figure to the right.



4.13.12.8 GEOPAK Survey and Bentley Survey

The GEOPAK Survey application uses a feature table called *fdot_ss4.smd*. This feature table is installed into the x:\FDOTSS4\geopak\databases\ folder by the CADD Software Install routine ('x' is the drive letter where the CADD Software is installed). The *fdot_ss4.smd* should be used when processing field measurement .OBS files, importing CAiCE KCP files, reading GEOPAK Input files and visualizing features with the Survey Display dialogue box or the COGO Navigator. The *fdot_ss4rw.smd* feature table is the Right of Way counterpart feature table and should be used when importing or visualizing Right of Way features or products such as the *TOPORW##.dgn* file.

The Bentley Survey application (formerly known as Data Acquisition) uses a XML version of the GEOPAK SMD files named *Survey_display.xml* and *ROW_Display.xml*. Both feature files can be found in the *x:\FDOTSS4\geopak\databases\ folder and are imbedded in the FDOT_SurveyFeatures_RD.dgnlib and FDOT_SurveyFeatures_RW.dgnlib respectively. It is NOT necessary to attach these feature files when working within the FDOT workspace.*

Note AutoCAD Civil 3D DESCRIPTION KEYS for translating point objects are found imbedded in the individual templates provided in the Department’s Civil 3D State Kit and are not separate resource files. The FIGURE PREFIX DATABASE for translating chains into Civil 3D figures is delivered as part of the Department’s State Kit for Civil 3D.

Both GEOPAK and CAiCE use the similar cell libraries for survey graphics. The cell libraries (*syeng.cel* for Roadway design and *rweng.cel* for Right of Way) should be referenced from the *x:\FDOTSS4\RESOURCES\Cell* folder. (*x:\FDOT2015.C3D\DATA\BLOCKS\ROW.DWG* for AutoCAD)

4.13.12.9 AutoCAD Civil 3D

Standard survey files developed for Autodesk workflows are created by using the FDOT2015.C3D software in conjunction with the Department’s standard surveying templates provided by the FDOT2015.C3D software install routine. These standard surveying templates are installed into the *x:\FDOT2015.C3D\Data\Templates* folder by the FDOT2015.C3D software Install routine (‘x’ is the drive letter where the FDOT2015.C3D software is installed).

The LandXMLGrouper is also provided by the FDOT2015.C3D software install routine. The LandXMLGrouper routine presorts XML files exported from EFB or CAiCE into point and figure groups that can be used for building standard surveying deliverables similar to the CAiCE theme viewer.

Note AutoCAD Civil 3D surveying deliverables must be developed within Civil 3D to be compatible with AutoCAD workflows. Surfaces and Alignments are specific formats within Civil 3D. Point objects and figures (chains) are also specific to Civil 3D. Converting Surveying deliverable MicroStation DGN files to DWG or vice versa will not create an acceptable deliverable in the current workflows for either MicroStation or AutoCAD products.

4.13.12.10 Survey Data

The Department’s *Surveying Procedure*, Topic 550-030-101 and the *Surveying Handbook* governs the requirements for survey procedure for the Department’s projects. These documents are available at: http://www.dot.state.fl.us/surveyingandmapping/doc_pubs.shtm

4.13.12.11 County Mapping

The production of County Maps is an internal function of the Department’s Surveying and Mapping Office. This documentation refers to the graphical symbology standards used for the production of those maps. For information regarding file naming conventions and other standards in use during the production of the Department’s County maps, contact the Geographic Mapping Office in the Department’s Surveying and Mapping Office at (850) 414-4111.

File Type	Description	Color	Line Style	Weight	Cell
All	Adjacent County and State Text				
All	Airport Names				
All	Airport Runways			6	
All	Airports Commercial				cscapt
All	Airports Commercial				cap
All	Airports Landing Strip or Private Airport				cslstp

File Type	Description	Color	Line Style	Weight	Cell
All	Masks for Text				
All	Military Bases	66			
All	Military Bases Text	14 6			7
All	Narrow Canals		5		
All	Narrow Canals Text				7
All	Narrow River Creek and Branch and Slough	12		1	

File Type	Description	Color	Line Style	Weight	Cell
All	Airports Landing Strip or Private Airport				ldarsp
All	Airports Military				csmfld
All	Airports Military				milffad
All	Backdrop	30			
All	Backdrop	60			
All	Bay				2
All	Bay Text				2
All	Bayou and Harbor, etc.				3
All	Bayou and Harbor, etc. Text				3
All	Boundary Section Lines (hidden)	31			
All	Bridges			0	
All	Bridges			1	
All	Bridges Interstate	1			
All	Bridges and Drawbridges County Highways	4			
All	Bridges and Drawbridges County Highways Text	8			
All	Bridges and Drawbridges Local Roads				
All	Bridges and Drawbridges Local Roads Text	18			
All	Bridges and Drawbridges State Highways	3			
All	Bridges and Drawbridges State Highways Text	7			
All	Bridges and Drawbridges Toll Roads	5			
All	Bridges and Drawbridges Toll Roads Text	5			
All	Bridges and Drawbridges US Highways	2			
All	Bridges and Drawbridges US Highways Text	6			
All	Bridges Interstate Text	4			
All	Cities Incorporated Area			0	
All	Cities Incorporated Linear Boundaries			1	
All	City Streets			1	
All	Coastal Waterway				csicw
All	Coastal Waterway Text				10
All	College or University	71			
All	College or University Text	30			8
All	Communities and Subdivisions Names without Post Office				3
All	Communities Names with Post Office				2
All	Connecting Roads			2	
All	Coordinate ticks Lat Longs				csotic
All	Coordinate ticks State Plane				csstic
All	County Boundary		7	6	
All	County Parks	70			
All	County Parks Text	148			10

File Type	Description	Color	Line Style	Weight	Cell
All	Narrow River Creek and Branch and Slough Text				6
All	National Forest	65			
All	National Forest Text	44			1
All	National Park	69			
All	National Park Text	44			2
All	National Wildlife Refuge and Preserve	75			
All	National Wildlife Refuge and Preserve Text	144			3
All	Ocean and Gulf				1
All	Ocean and Gulf Text				1
All	Other Incorporated Names				2
All	Other Incorporated Names				3
All	Other Survey Related Text				3
All	Planning Number Interstates				cssir1
All	Planning Number Interstates				cssir2
All	Planning Number Interstates				cssir3
All	Planning Number US Highways				cssus1
All	Planning Number US Highways				cssus2
All	Planning Number US Highways				cssus3
All	Planning Number US Highways				cssus1
All	Planning Number US Highways				cssus2
All	Planning Number US Highways				cssus3
All	Populations				1
All	Quad Borders				
All	Railroad Stations				csrsta
All	Railroads	3			
All	Railroads Text				
All	Road shields County Roads				cs1crs
All	Road shields County Roads				cs2crs
All	Road shields County Roads				cs3crs
All	Road shields County Roads				cs4crs
All	Road shields Interstates				cs1irs
All	Road shields Interstates				cs2irs
All	Road shields Interstates				cs3irs
All	Road shields State Highways				cs1srs
All	Road shields State Highways				cs2srs
All	Road shields State Highways				cs3srs
All	Road shields Toll roads				cs1trs
All	Road shields Toll roads				cs2trs
All	Road shields Toll roads				cs3trs

File Type	Description	Color	Line Style	Weight	Cell
All	County Roads Related Text				
All	County Route Divided Highway Outline and Fill				
All	County Routes Highway Center Lines			3	
All	County Routes Ramps			2	
All	County Seat				cscose
All	County Seat Names			4	
All	County Seat Names			6	
All	Culture			0	
All	Culture			1	
All	Culture			2	
All	Culture Text				1
All	Cut Border				
All	Extended Township Lines	4 3	3	2	
All	Forbes Purchase		3	3	
All	Forbes Purchase Section lines		3	0	
All	Forbes Purchase Township and Range Lines		3	2	
All	Geographic Features Text			1	
All	Heliports				csheli
All	Intermittent Ponds				1
All	Intermittent Ponds Text				8
All	Interstate Divided Highway Outline and Fill				
All	Interstate Highway Center Lines			3	
All	Interstate Ramps			2	
All	Interstates Related Text				
All	Islands				
All	Islands Text Coastal (Keys, etc.)			2	
All	Islands Text Inland (Hammocks and Ridges, etc.)				1
All	Lakes and Ponds				
All	Lakes and Ponds Text				9
All	Land Grant Boundaries		4	0	
All	Legend				
All	Local Roads Divided Highway Outline and Fill				
All	Local Roads Improved	1 1		1	
All	Local Roads Paved	1 1		2	
All	Local Roads Related Cells				cslgf0
All	Local Roads Related Cells				cslgf1
All	Local Roads Related Cells				cslgf2
All	Local Roads Related Cells				cslgf3
All	Local Roads Related Cells				cslgf4
All	Local Roads Related Cells				csp1

File Type	Description	Color	Line Style	Weight	Cell
All	Road shields Toll roads				cstps
All	Road shields US Highways				cs1urs
All	Road shields US Highways				cs2urs
All	Road shields US Highways				cs3urs
All	Road shields US Highways Alternate				cs1usa
All	Road shields US Highways Alternate				cs2usa
All	Road shields US Highways Alternate				cs3usa
All	Road shields US Highways Business				cs1usb
All	Road shields US Highways Business				cs2usb
All	Road shields US Highways Business				cs3usb
All	Seaplane facility				csseap
All	Section Lines		0	0	
All	Section Numbers				1
All	State Boundary		6	6	
All	State Capital				cscptl
All	State Forest	67			
All	State Forest Text	14 5			4
All	State Park	14			
All	State Park Text	14 5			5
All	State Prisons	12 4			
All	State Prisons Text	12 4			9
All	State Roads Related Text				
All	State Route Divided Highway Outline and Fill				
All	State Routes Highway Center Lines			3	
All	State Routes Ramps			2	
All	State Survey Lines		1	1	
All	State Wildlife Refuge and Preserve	72			
All	State Wildlife Refuge and Preserve	74			
All	State Wildlife Refuge and Preserve Text	14 7			6
All	Street Related Text				
All	Strip Mining Area	11 7			
All	Survey by Others		2	1	
All	Survey Correction Text within map				4
All	Swamps				sw3
All	Swamps	15			
All	Swamps Text	45			
All	Toll Divided Highway Outline and Fill				
All	Toll Highway Center Lines			3	
All	Toll Ramps			2	
All	Toll roads Related Text				

File Type	Description	Color	Line Style	Weight	Cell
All	Local Roads Related Cells				csp2
All	Local Roads Related Cells				cspnf1
All	Local Roads Related Cells				cspnf2
All	Local Roads Related Cells				cspsf1
All	Local Roads Related Cells				cspsf2
All	Local Roads Related Text				
All	Local Roads Unimproved	10		1	
All	Mangroves				mg
All	Mangroves				csman1
All	Mangroves				smg
All	Map Border				
All	Map Border Text and Cells				
All	Map Information Text and Cells				
All	Map Information Text and Cells				
All	Masks for Road Features				

File Type	Description	Color	Line Style	Weight	Cell
All	Town Centers				cscctr
All	Township and Range lines		0	2	
All	Township and Range Tics				csttic
All	Township and Range Text				2
All	Triangulation Station				estria
All	Triangulation Station				trista
All	Triangulation Station Text	97			2
All	Un-Inventoried Roads and Features				
All	US Highways Related Text				
All	US Route Divided Highway Outline and Fill				
All	US Routes Highway Center Lines			3	
All	US Routes Ramps			2	
All	Wide Rivers and Canals	12		1	4
All	Wide Rivers and Canals Text				5
All	Wildlife Management Area Text	94			11

4.13.13 Geotechnical Standards

Geotechnical Plans are included in the Roadway Plan Set as Soil Survey, Soil Boring and Bridge Data Sheets.

4.13.13.1 Standard File Names

The Department utilizes standard naming conventions for all of its files and provides automated tools that depend on this naming convention. The naming convention confers data information to the downstream customer.

➤ **Standard file names should follow this format: AAAABB##.ext**

Where **AAA** = abbreviated file description, **BB** = Discipline Denotation, **##** = Sequence number.

Files that are associated with specific bridges must be prepended with a B# prefix corresponding to the appropriate bridge number.

Note See Section 4.8 of this document for more information about Standard File Names. See Section 4.23 Structures Standards of this document for bridge specific filenames & sheet numbering requirements. See Appendix A for the complete listing of level/symbology standards for each applicable CADD Standard Rule.

Sheet Order reflects placement within the Lighting, Roadway, Signalization, Signing, & Structure Components of the Contract Plan Set.

The following table defines the Geotechnical Standard File Names for Department projects. Each file name must include sequence numbering. Standard Model names are also provided.

Sheet Order	File Type	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
12	Lighting	LTGEO##	default	Lighting Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
24	Roadway	CLVGEO##	default	Box Culvert Auger and Standard Penetration Test (SPT) Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
34	Roadway	CPTGEO##	default	Cone Penetration Test (CPT) Soundings (Non-Bridge Related)	geotech	fdotseed2d.dgn	fdotmaster.dwt
36	Roadway	MSEWGEO##	default	Mechanically Stabilized Earth (MSE) Wall Standard Penetration Test (SPT) Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
51	Roadway	MTGEO##	default	Mitigation Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
37	Roadway	NWGEO##	default	Noise Wall Standard Penetration Test (SPT) Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
29	Roadway	PDGEO##	default	Pond Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
35	Roadway	RDGEO##	default	Augers Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
33	Roadway	RDSSGEO##	default	Roadway Soil Survey Sheet	geotech	fdotseed2d.dgn	fdotmaster.dwt
38	Roadway	RTWGEO##	default	Retaining Wall Standard Penetration Test (SPT) Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
39	Roadway	SPGEO##	default	Sheet Pile Wall Standard Penetration Test (SPT) Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
12	Signal	SGGEO##	default	Signal Standard Penetration Test (SPT) Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
11	Signing	SNGEO##	default	Signs Standard Penetration Test (SPT) Borings	geotech	fdotseed2d.dgn	fdotmaster.dwt
13	Structures	B#BORING##	default	Report of Core Borings	geotech	StructuresSeed.dgn	StructuresTemplatePlan.dwt
13	Structures	B#ConePTGEO##	default	CPT Soundings	geotech	StructuresSeed.dgn	StructuresTemplatePlan.dwt
211	Structures	B#MSEWallGEO##	default	MSE Wall SPT Borings	geotech	StructuresSeed.dgn	StructuresTemplatePlan.dwt
216	Structures	B#NoiseWallGEO##	default	Noise Wall SPT Borings	geotech	StructuresSeed.dgn	StructuresTemplatePlan.dwt
210	Structures	B#RetainingWallGEO##	default	Retaining Wall SPT Borings	geotech	StructuresSeed.dgn	StructuresTemplatePlan.dwt
212	Structures	B#SheetPileWallGEO##	default	Sheet Pile Wall SPT Borings	geotech	StructuresSeed.dgn	StructuresTemplatePlan.dwt
	Structures	ConePTGeo*	default	Cone Penetration Test (CPT) Soundings (Non-Bridge Related)	geotech	StructuresSeed.dgn	StructuresTemplatePlan.dwt
	Structures	MSEWallGeo*	default	Mechanically Stabilized Earth (MSE) Wall Standard Penetration Test (SPT) Borings (Non-Bridge Related)	geotech	StructuresSeed.dgn	StructuresTemplatePlan.dwt

Sheet Order	File Type	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
	Structures	NoiseWallGeo*	default	Noise Wall Standard Penetration Test (SPT) Borings (<i>Non-Bridge Related</i>)	geotech	StructuresSeed.dgn	StructuresTemplatePlan.dwt
	Structures	RetainingWallGeo*	default	Retaining Wall Standard Penetration Test (SPT) Borings (<i>Non-Bridge Related</i>)	geotech	StructuresSeed.dgn	StructuresTemplatePlan.dwt
	Structures	SheetPileWallGeo*	default	Sheet Pile Wall Standard Penetration Test (SPT) Borings (<i>Non-Bridge Related</i>)	geotech	StructuresSeed.dgn	StructuresTemplatePlan.dwt

4.13.13.2 Engineering Data

Engineering Data delivered with each project must be located in the `\eng_data\ sub-` folder and include:

- ASCII files containing Q/C reports
- All computer input and output files used in the design (in native file formats for the software used and printed to PDF format)
- All supplemental design hand calculations (scanned and saved in PDF or TIFF file formats)
- Soil boring data

The sheet image from the design files and image files of all other output files from the design and/or analysis programs must be in PDF format. The PDF of the plan sheets must follow the conventions of Digital Delivery. Computer input and output files include files used for all aspects of analysis and design. Geotechnical information must also be delivered (CSV format) as shown in the examples below. The Department has adopted the following standard file naming convention for CSV file imports for the Geotechnical Utility in GEOPAK:

- **Borehole** - *Boreholetpk.brh* - Borehole location data, seasonal high water & design high water data.
- **Material** - *Material.mtl* - Strata Data and Core data.

Standard Penetration Test (SPT) boring information may be drawn using the Department’s Report a Core Boring Tool.

➤ **Example: Boreholetpk.brh**

Format: *borehole_name,alignment_name,station,offset,water_elev_type,water_elev_0,water_elev_0_date,water_elev_24,water_elev_24_date*

Examples: Borehole-01,CLCON,78+00.00,15,0,3,8/9/2007,5,8/10/2007
 Borehole-02,CLCON,80+00.00,3,0,2,8/20/2007,4,8/21/2007
 Borehole-03,CLCON,83+00.00,3,0,3,8/23/2007,5,8/24/2007
 Borehole-04,CLCON,85+00.00,4,0,2,8/24/2007,4,8/25/2007

➤ **Example: Material.mtl**

Format: *borehole_name,material_name,doc_or_se,type_of_elev*

Examples: Borehole-01,1,10,DOC Borehole-03,2,6,DOC
 Borehole-02,1,5,DOC Borehole-04,1,2,DOC
 Borehole-02,2,7,DOC Borehole-04,2,5,DOC
 Borehole-02,3,9,DOC Borehole-04,3,7,DOC
 Borehole-03,1,3,DOC Borehole-04,4,10,DOC

4.13.13.3 Soil Survey

The plans must include the information about the soil classification on the soil survey sheet and by showing the boring data soil boxes on the cross section sheets.

4.13.13.4 Soil Boring Data

The soil boring data must be provided to the Roadway designer in a format to facilitate the drawing of the data on the cross section sheets.

4.13.14 Right of Way (R/W) Mapping Standards

This section will describe the minimum CADD requirements for R / W Mapping operations.

4.13.14.1 Standard File Names

The Department utilizes standard naming conventions for all of its files and provides automated tools that depend on this naming convention. The naming convention confers data information to the downstream customer.

Standard file names should follow this format: AAAABB##.ext

Where **AAA** = abbreviated file description, **BB** = Discipline Denotation, **##** =Sequence number.

The following table defines the R/W Mapping File Name Standards Name with each file including sequential numbering. Standard Model names are also provided, however, it is not mandatory to use more than the default model.



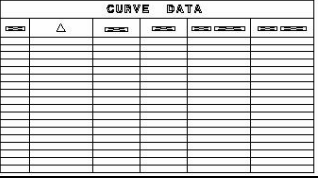












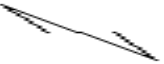
Note See Section 4.8 of this document for more information about Standard File Names. See Appendix A for the complete listing of level / symbology standards for each applicable CADD Standard Rule.

Critical	File Name	Model	File Description	Rule	MicroStation Seed File	Civil 3D Template File
	CS%>%>%>%##	default	Control Survey Master Design File (%...% Enter 7 digit No.)	rweng10	rwseed2d.dgn	rweng10.dwt
X	CSCOVR##	default	Control Survey Cover Sheet	rweng10	rwseed2d.dgn	CSCOVR.dwt
X	CSDETL##	default	Control Survey Detail Sheet	rweng10	rwseed2d.dgn	CSDETL.dwt
X	CSKEYM##	default	Control Survey Key Map Sheet	rweng10	rwseed2d.dgn	CSDETL.dwt
	CTLSRD##	default	Project Control Sheets	open	rwseed2d.dgn	CTLSRD.dwt
	MM%>%>%>%##	default	Maintenance Map Master Design File (%...% Enter 7 digit No.)	rweng10	rwseed2d.dgn	rweng10.dwt
X	MMCOVR##	default	Maintenance Map Cover Sheet	rweng10	rwseed2d.dgn	MMCOVR.dwt
X	MMDETL##	default	Maintenance Map Detail Sheet	rweng10	rwseed2d.dgn	MMDETL.dwt
X	MMKEYM##	default	Maintenance Map Key Map Sheet	rweng10	rwseed2d.dgn	MMDETL.dwt
	RW%>%>%>%##	default	R / W Master Detail Design File (%...% Enter 7 digit No.)	rweng10	rwseed2d.dgn	rweng10.dwt
X	RWCOVR##	default	R / W Cover Sheet	rweng10	rwseed2d.dgn	RWCOVR.dwt
X	RWDETL##	default	R / W Detail Sheet	rweng10	rwseed2d.dgn	RWDETL.dwt
X	RWFACS##	default	R / W Cover Sheet FA Project	rweng10	rwseed2d.dgn	RWCOVR.dwt
X	RWKEYM##	default	R / W Key Map Sheet	rweng10	rwseed2d.dgn	RWDETL.dwt
X	RWPNTAB##	default	R / W Project Network Control Tabulation Sheet	rweng10	rwseed2d.dgn	RWDETL.dwt
X	RWPS##	default	R / W Parcel Sketch Sheet	rweng10	rwseed2d.dgn	RWPS.dwt
X	RWSPS##	default	R / W Specific Purpose Survey Sheet	rweng10	rwseed2d.dgn	RWSPS.dwt
X	RWTAB##	default	R / W Tabulation Sheet	rweng10	rwseed2d.dgn	RWTAB.dwt
	SIGNRW##	default	Signature Sheet	rweng10	rwseed2d.dgn	digitalsignature.dwt
	TOPORW##	default	ROW Mapping File Containing Existing Topography for Mapping Purposes Only	open	rwseed2d.dgn	TOPORW.DWT

4.13.14.2 R/W Cell Library

Note R / W cell library is ROW.CEL. R / W cells must be placed with the True Scale toggle set to "ON".

ELEMENT	TYPE	SYMBOL	Macro
ARROW TERMINATOR LEFT (Place on ByLevel of Text Element Relative Toggle "ON")	C = ARRWLG		Place Delineator
ARROW TERMINATOR RIGHT (Place on ByLevel of Text Element Relative Toggle "ON")	C = ARRWRG		Place Delineator
LINE TERMINATOR@POINT G = Graphic type cell	C =ARRLT		Place Delineator
LINE TERMINATOR@POINT G = Graphic type cell	C =ARRRT		Place Delineator
BAR SCALE 1" = 20'	C = BS20		Place Bar Scale
BAR SCALE 1" = 30'	C = BS30		Place Bar Scale
BAR SCALE 1" = 40'	C = BS40		Place Bar Scale
BAR SCALE 1" = 50'	C = BS50		Place Bar Scale
BAR SCALE 1" = 100'	C = BS100		Place Bar Scale
BAR SCALE 1" = 200'	C = BS200		Place Bar Scale
BAR SCALE 1" = 400'	C = BS400		Place Bar Scale
BASLINE CURVE DATA BOX (Used with GEOPAK Table Tutorial)	C = BLBOX		
BASLINE SYMBOL	C = BL		
CENTERLINE SYMBOL	C = CL		
Block Number Double	C= BLOCKNUMBERD		
Block Number Single	C= BLOCKNUMBERS		
CONCRETE MONUMENT OPEN	C = MONSQ		
CONCRETE MONUMENT SOLID	C = MONSQS		

ELEMENT	TYPE	SYMBOL	Macro
CONCRETE R / W MONUMENT (R/W MONUMENTATION MAP)	C = MON		
COORDINATE DATA BOX (Used with GEOPAK Table Tutorial)	C = COORD		
CURVE DATA BOX (Used with GEOPAK Table Tutorial)	C = CURBOX		
CURVE DATA (English) (Used with GEOPAK Table Tutorial)	C = CDATA	CURVE P.I. STA. Δ = D = T = L = R = P.C. STA. P.T. STA.	
NORTH ARROW	C = NOARR		
PARCEL BUBBLE 100	C = PB100		
PARCEL BUBBLE 700	C = PB700		
PARCEL BUBBLE 800	C = PB800		
PARCEL BUBBLE 900	C = PB900		
PERMANENT R / W MONUMENT (R / W MONUMENTATION MAP)	C = PRWM		
PROPERTY LINE HOOK	C= PLHOOK		
PROPERTY LINE HOOK	C= PLHTOP		
PROPERTY LINE HOOK	C =PLHBOT		
PROPERTY LINE SYMBOL	C = PL		
ROD MONUMENT OPEN	C = MONRD		
ROD MONUMENT SOLID	C = MONRDS		
SEGMENTED CURVE CHORD DIST. / BEARING (Used with GEOPAK Table Tutorial)	C = SEGCUR	Δ = L = R = C.D. = C.B. =	
SPRING LINE (Place on Symbology of Assoc. Element)	C=SPRING		Place SpringLine

4.13.14.3 Level / Layer and Symbology Standards

Refer to the Standard Rule Tables in Appendix A for the listing of the R / W (RWENG10) elements and their symbology. The list of elements shown may not contain all of the elements that appear within a R / W map, as this list would be extensive. The elements shown are those that are required for specific types of R / W maps.

All R / W Levels are ‘Critical’ levels, meaning that the attributes: Level, Color, Style and Weight will all be checked for QC compliancy. The exception is for Text levels, where the Style attribute will be set as Non-Critical and excluded from compliance checking.

Note R/W elements must match the standard symbology for the R/W file they reside in. Non-R/W elements will be drawn in the symbology of their intended file type. For example: edge of pavement drawn in RWDETL01.DGN would be given the symbology as if drawn for DSGNRD01.DGN. All R/W level symbology must use ByLevel settings.

4.13.14.4 R/W Workspace

The Department’s CADD Software incorporates features for R/W Mapping Standards compliance to assist R/W Mapping for Department projects. The **FDOT Right-of-Way Mapping** training manual is also provided to outline these tools and can be accessed from the CADD website:

<http://www.dot.state.fl.us/CADD/downloads/documentation/RightofWayMapping/RightofWayMapping.shtm>

Note FDOT State Kit for AutoCAD Civil 3D includes the same content in the R/W templates.

4.13.15 Construction Standards

The use and generation of CADD files by Construction must be in accordance with the general standards applied to all disciplines.

4.13.15.1 Standard File Names

The Department utilizes standard naming conventions for all of its files and provides automated tools that depend on this naming convention. The naming convention confers data information to the downstream customer.

➤ **Standard file names should follow this format: AAAABB##.ext**

Where **AAAA** = abbreviated file description, **BB** = Discipline Denotation, **##** =Sequence number.

The standard file names defined by the design discipline must be applied for CADD files generated in Construction, except the portion defining the discipline must be “CN” instead of “RD”. Example: *DSGNRD01.DGN* must be *DSGNCN01.DGN*.

Standard Model names are also provided, however, it is not mandatory to use more than the default model, with the exception of those listed in this table.

Note See Section 4.8 of this document for more information about Standard File Names. See Appendix A for the complete listing of level/symbology standards for each applicable CADD Standard Rule.

File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
Cross Sections	X	PDXSCN##	rdxsrd	Pond Cross Sections	rdxsrd	fdotseedxs.dgn	fdotmaster.dwt
Cross Sections	X	RDXSCN##	rdxsrd	Roadway Cross Sections	rdxsrd	fdotseedxs.dgn	fdotmaster.dwt
Drainage	X	DREXCN##	default	Drainage Structures - Existing	drexrd	fdotseed2d.dgn	fdotmaster.dwt
Drainage	X	DRPRCN##	default	Drainage Structures - Proposed	drprrd	fdotseed2d.dgn	fdotmaster.dwt
Drainage	X	DRXSCN##	rdxsrd	Drainage Structure Cross Sections	rdxsrd	fdotseedxs.dgn	fdotmaster.dwt
Existing Topography		TOPOCN##	default	Topography - Existing	topord	fdotseed2d.dgn	survey.dwt
Proposed Design	X	DSGNCN##	default	Proposed Design	dsgnrd	fdotseed2d.dgn	fdotmaster.dwt
Proposed Design	X	DSPFCN##	default	Proposed Profile	plprrd	fdotseed2d.dgn	fdotmaster.dwt
Proposed Design		SIGNCN##	default	Signature Sheet	open	fdotseed2d.dgn	digitalsignature.dwt
Proposed Design	X	TEXTCN##	default	Text Labels & Miscellaneous Descriptions	planrd	fdotseed2d.dgn	
Traffic Control	X	TCDSCN##	default	Traffic Control Design	tcdsrd	fdotseed2d.dgn	fdotmaster.dwt
Utilities	X	UTEXCN##	default	Utilities - Existing	utexrd	fdotseed2d.dgn	survey.dwt
Utilities	X	UTPRCN##	default	Utilities - Proposed	utprrd	fdotseed2d.dgn	utprrd.dwt

4.13.16 Environmental Management Standards

The Environmental Management Office (EMO) has responsibility for the Project Development and Environmental (PD&E) phase. The intent is to give latitude and discretion in performing project analysis, project development, preliminary engineering, public involvement and environmental required tasks while maintaining the necessary level of CADD standards for the products of EMO.

The Project Development and Environmental Clearance process is oriented to presenting the project to the permitting and regulatory agencies, politicians and the general public in a format which is clear and easy to understand. During this process, the production plans should use CADD Standards, where appropriate, for files used in downstream processes (e.g., plan views). After Location and Design Concept Acceptance is obtained, full application of CADD Standard compliance would be implemented to facilitate a seamlessly transfer of CADD files to the final design team to save time and effort and avoiding re-work hours. The goal is to create a presentation that is useful to the plans development process, but public presentation is the primary concern.

4.13.16.1 Standard File Names

The Department utilizes standard naming conventions and provides automated tools that depend on this naming convention being met. The naming convention confers data information to the downstream customer.

➤ **Standard design file names should follow this format: AAAABB##.ext**

Where **AAA** = abbreviated file description, **BB** = Discipline Denotation, **##** =Sequence number.

Note See Section 4.8 for more information about Standard File Names. See Appendix A for the complete listing of level/symbology standards for each applicable CADD Standard Rule.

The following table defines the EMO File Name with each file including sequential numbering. Standard Model names are also provided. Unless otherwise specified, it is not mandatory to use more than the default model.

File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
Borders & Sheets		BDBREM##	default	Border Sheet Reference File for Bridge Hydraulic Sheet	planrd	fdotseed2d.dgn	
Borders & Sheets		BDPLEM##	default	Border Sheet Reference File for Plan Sheet	planrd	fdotseed2d.dgn	
Borders & Sheets		BDPPEM##	default	Border Sheet Reference File for Plan & Profile Sheet	plprrd	fdotseed2d.dgn	
Borders & Sheets		BDPREM##	default	Border Sheet Reference File for Profile Sheet	plprrd	fdotseed2d.dgn	
Borders & Sheets	X	BDXSEM##	rdxsrd	Border Sheet Reference File for Cross-Section Sheet	rdxsrd	fdotseedxs.dgn	
Borders & Sheets		GNNTEM##	default	General Notes	planrd	fdotseed2d.dgn	fdotmaster.dwt
Borders & Sheets		LDPREM##	default	Lateral Ditch Plan / Profile Sheet	plprrd	fdotseed2d.dgn	fdotmaster.dwt
Borders & Sheets		PLANEM##	default	Plan Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
Borders & Sheets		PLAYEM##	default	Project Layout Sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt
Borders & Sheets		PLPREM##	default	Plan & Profile Sheets	plprrd	fdotseed2d.dgn	fdotmaster.dwt
Borders & Sheets		PRDSEM##	default	Project Profile Layout	planrd	fdotseed2d.dgn	fdotmaster.dwt
Borders & Sheets		PROFEM##	default	Profile Sheets	plprrd	fdotseed2d.dgn	fdotmaster.dwt
Clipping		CLIPEM##	default	Clip Borders	cliprd	fdotseed2d.dgn	fdotmaster.dwt
Clipping		MTPLEM##	default	Motif file for plan sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt
Clipping		MTPREM##	default	Motif file for profile sheets	plprrd	fdotseed2d.dgn	fdotmaster.dwt

File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
Cross Sections	X	LDXSEM##	Rdxsrd	Lateral Ditch Cross-Sections	rdxsrd	fdotseedxs.dgn	fdotmaster.dwt
			Rdxsrd	Lateral Ditch Cross-Sections			
			Pattrd	Lateral Ditch Pattern Lines			
			Xsshrd	Lateral Ditch Shapes			
Cross Sections	X	PDXSEM##	Rdxsrd_shg	Lateral Ditch Cross Section Sheets	pdxsrd	fdotseedxs.dgn	fdotmaster.dwt
			Rdxsrd	Pond Cross-Sections			
			Pattrd	Pond Pattern Lines			
			Xsshrd	Pond Shapes			
Cross Sections	X	RDXSEM##	Rdxsrd_shg	Pond Cross Section Sheets	rdxsrd	fdotseedxs.dgn	fdotmaster.dwt
			Rdxsrd	Roadway Cross-Sections			
			Pattrd	Roadway Pattern Lines			
			Xsshrd	Roadway Shapes			
Existing DTM		GDTMEM##	default	Digital Terrain Model / TIN Model - 3D	gdtmrd	fdotseed3d.dgn	survey.dwt
Existing Topography		TOPOEM##	default	Topography-Existing (Utility & Drainage not included)	topord	fdotseed2d.dgn	survey.dwt
Key Sheets		KEYSEM##	default	Key Sheet	keysht	fdotseedkeymap.dgn	keysht.dwt
Project Network Control		CTLSEM##	default	Project Control Sheets	planrd	fdotseed2d.dgn	ctlsrd.dwt
Proposed Design		ALGNEM##	alnrd	Alignment Layout	alnrd	fdotseed2d.dgn	fdotmaster.dwt
Proposed Design		BKSWEM##	default	Back of Sidewalk Profiles	plprrd	fdotseed2d.dgn	fdotmaster.dwt
Proposed Design		CURCEM##	default	Curve or Coordinate Data Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
Proposed Design	X	DSGNEM##	default	Proposed Design	dsgnrd	fdotseed2d.dgn	fdotmaster.dwt
Proposed Design		DSPFEM##	default	Proposed Profile	plprrd	fdotseed2d.dgn	fdotmaster.dwt
Proposed Design		INTDEM##	default	Intersection/Interchange Details	planrd	fdotseed2d.dgn	fdotmaster.dwt
Proposed Design		INTPEM##	default	Intersection/Interchange Profiles	plprrd	fdotseed2d.dgn	fdotmaster.dwt
Proposed Design		MITGEM##	default	Mitigation Areas	planrd	fdotseed2d.dgn	fdotmaster.dwt
Proposed Design		PDPLEM##	default	Pond Design	drprrd	fdotseed2d.dgn	fdotmaster.dwt
Proposed Design	X	QTDESEM##	default	Quantity Computation Shapes/Calculations	qtdsrd	fdotseed2d.dgn	fdotmaster.dwt
Proposed Design	X	QUANEM##	default	Quantity Computation Details	qtdsrd	fdotseed2d.dgn	fdotmaster.dwt
Proposed Design		RWDTEM##	default	R/W Details for Roadway	rwdtrd	fdotseed2d.dgn	rwdtrd.dwt
Proposed Design		SCGREM##	default	Selective Clearing & Grubbing Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
Proposed Design		SIGNEM##	default	Signature Sheet	open	fdotseed2d.dgn	digitalsignature.dwt
Proposed Design		SWPPPEM##	default	Storm Water Pollution Prevention Plan	planrd	fdotseed2d.dgn	fdotmaster.dwt
Proposed Design		TEXTEM##	default	Text Labels & Miscellaneous Descriptions	planrd	fdotseed2d.dgn	
Proposed Design		WETLEM##	default	Wetlands Delineation Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt

File Type	Critical	File Name	Model Name	File Description	Rule	MicroStation Seed File	Civil 3D Template File
Special Details		SPDTEM##	default	Special Details Sheet	open	fdotseed2d.dgn	fdotmaster.dwt
Summary Boxes / Tables		BRHYEM##	default	Bridge Hydraulics Recommendation Sheet	planrd	fdotseed2d.dgn	fdotmaster.dwt
Summary Boxes / Tables		BXCLEM##	default	Box Culvert Wingwall Design & Special Details	drdtrd	fdotseed2d.dgn	fdotmaster.dwt
Summary Boxes / Tables		CESSEM##	default	Summary of Pay Item Sheets	planrd	fdotseed2d.dgn	planrd.dwt
Summary Boxes / Tables		SUMQEM##	default	Summary of Quantities Sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt
Traffic Control		TCDSEM##	default	Traffic Control Design	tcdsrd	fdotseed2d.dgn	fdotmaster.dwt
Traffic Control		TCDTEM##	default	Traffic Control Detail Sheet	tcdsrd	fdotseed2d.dgn	fdotmaster.dwt
Traffic Control		TCGNEM##	default	Traffic Control General Note Sheets	planrd	fdotseed2d.dgn	fdotmaster.dwt
Traffic Control		TCPLEM##	default	Traffic Control Plan Sheets	tcdsrd	fdotseed2d.dgn	fdotmaster.dwt
Traffic Control		TCTYEM##	default	Traffic Control Typical Section Sheets	tcdsrd	fdotseed2d.dgn	fdotmaster.dwt
Typical Sections		TYPDEM##	default	Typical Data Sheet	typdrd	fdotseed2d.dgn	fdotmaster.dwt
Typical Sections		TYPSEM##	default	Typical Section Sheets & Details	open	fdotseed2d.dgn	planrd.dwt
Utilities		UTADEM##	default	Utility Adjustment Sheets	utadrd	fdotseed2d.dgn	utadrd.dwt
Utilities		UTEXEM##	default	Utilities - Existing	utexrd	fdotseed2d.dgn	survey.dwt
Utilities	X	UTPREM##	default	Utilities - Proposed	utprrd	fdotseed2d.dgn	utprrd.dwt
Verified Utilities		SBVHEM##	default	Summary of Verified Utilities (2D)	planrd	fdotseed2d.dgn	fdotmaster.dwt
Verified Utilities		UTVHEM##	default	Survey of Verified Utilities (2D)	utexrd	fdotseed2d.dgn	survey.dwt

4.13.17 Specification Standards

The Program Management Office develops and provides policies, procedures, training, and guidance to support the design, construction and maintenances of Florida roads and bridges, including Specifications, Estimates, Product Evaluation, Utilities and Local Agency Program. Specifications must be prepared in accordance with those policies and procedures. Documentation can be found on the Program Management website: <http://www.dot.state.fl.us/programmanagement/documents.shtm>

4.13.17.1 Standard File Names

For Digital Delivery Bid Sets, the Specification files are copied from the \specs\ sub-folder structure for delivery. Specification file naming convention for Digital Delivery submittals is: *fpid-SPECS[-].pdf*:

- ***fpid*** = full (11 digit) Financial Project Identification Number without dashes.
- **SPECS** = item description
- **[-]** = any additional naming specific to the project (optional)

Supplement file naming convention for submittals is: *fpid-SPECS-SUPP##[-].pdf*, where:

- ***fpid*** = full (11 digit) Financial Project Identification Number without dashes,
- **SPECS** = item description
- **SUPP** = Identifier
- **##** = sequential numbering of the supplements: 01, 02, 03, etcetera
- **[-]** = any additional naming specific to the project (optional)
- **BOE#** = Bases of Estimates – Pay Item number
- **TSP** = Technical Special Provision

<i>Original Delivery</i>	<i>Supplement1</i>	<i>Supplement2</i>
<i>fpid-SPECS[-].PDF</i>	<i>fpid-SPECS-SUPP01[-].PDF</i>	<i>fpid-SPECS-SUPP02[-].PDF</i>
<i>fpid-SPECS-TSP[BOE#](-).PDF</i>	<i>fpid-SPECS-TSP[BOE#]-SUPP01[-].PDF</i>	<i>fpid-SPECS-TSP[BOE#]-SUPP02[-].PDF</i>

For Example: Begin with the *FPID* number, then the item description (SPECS), then supplement number (SUPP##), and finally any naming [-] specific to the project (optional).

This file naming convention allows project files to collate as sorted and combined in a single folder. Text, numbers and dashes are allowed. Characters that interfere with operating system path specifications or XML paths must be excluded, such as underline and spaces and (< \ . : , < & # >).

4.13.17.2 Resource Files

Statewide implemented specifications files are distributed by the State Specifications Office through the District Specifications Offices.

4.13.17.3 Technical Special Provisions

When the use of a Technical Special Provision (TSP) is authorized by the District Specifications Office, the PDF of the TSP file(s) is individually signed and sealed and also becomes part of the overall project’s Specifications package.

For Digital Delivery, certificate based Digital Signature must be used.

The TSP must include the electronic statement incorporated on the TSP cover page. When a TSP is manually signed and sealed, it must be scanned in grey scale for seal visibility and no electronic statement is needed.

When TSPs are combined into the overall Specification package, the Signatory(s) of the TSPs do not have to re-sign the combined documents. Add the image of the seal to the cover page of each TSP. The individual files for each TSP must be digitally signed and sealed.

4.13.17.4 File Structure (Specs Only Projects)

- Specifications Folder Structure
- Supplemental Specifications Folder Structure
- Technical Special Provisions (TSP)*

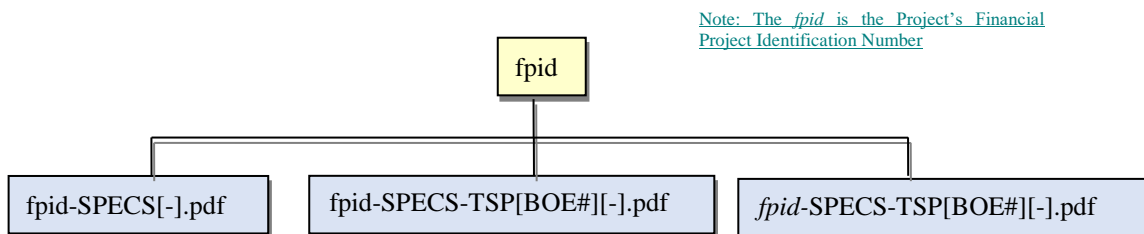
Note If a TSP is applicable to the project, then the folder for TSP(s) would apply to both the Project CD and Bid CD data set. Multiple TSP files may exist in the delivery.

The Specification Package is delivered as *fpid-SPECS.pdf*. Subsequent TSPs are delivered as *fpid-SPECS-TSP[BOE#].pdf* as shown in Chapter 5.8.

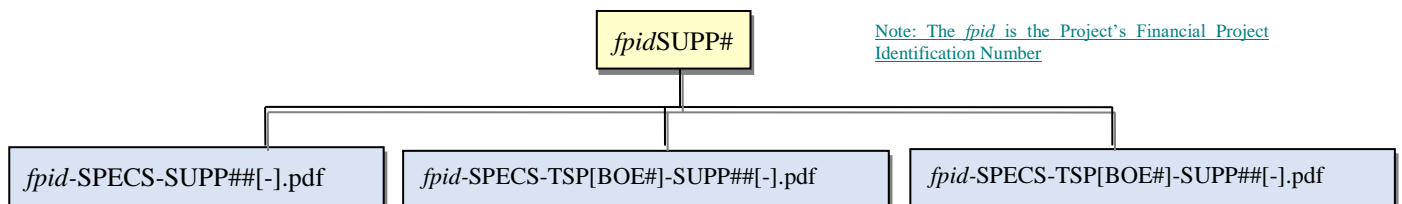
1. Create the project folder using all eleven digits of *fpid* Number. (i.e., 12345678900).
2. Inside the created (project) \FPID\ folder. This is where the Specifications package file (*fpid-SPECS[-].pdf*) is placed.
3. For Supplements, continue to use the ORIGINAL \FPID\ folder created in Step 1.
4. For Supplements. This is where the Supplement package file (*fpid-SPECS-SUPP##[-].pdf*) is placed.
5. Use digital signature to sign and seal the Supplement package file (*fpid-SPECS-SUPP##[-].pdf*).

Note **DO NOT** re-submit the entire Specification package for a Supplemental.

Example of a Specifications Only Package Folder Structure



Example of a Supplemental Specifications Only Package Folder Structure



Chapter 5

DELIVERY PROCEDURE

5.1 PURPOSE

This chapter establishes the minimum requirements and functions necessary for Florida Department of Transportation (Department) CADD delivery, describing how electronic data is to be delivered and made available to customers.

5.2 SCOPE

This chapter covers the Department's functions to receive, authenticate, integrate, package, and distribute electronic project data including the CADD delivery.

5.3 DEFINITIONS

3D Design: The process of creating 3D Models for a project.

3D Model: A 3D model is a digital graphical representation of proposed facility/site data consisting of X, Y, and Z coordinates for producing objects in three dimensions to communicate design intent useful for visualization, analysis, animation, simulation, plans, specifications, estimates production, and life-cycle asset management. An accurately designed 3D model will be tied to a defined coordinate system.

Authentication: For Digital Signature, Authentication is the process where Digital Signatures are compared with identity data held by the issuer of a Digital Certificate (the Certificate Authority) to validate the identity of a Signatory; and that a document that has been signed with a Digital Signature has not been modified since signing. This is an automated process of the document software (such as with Adobe Reader or Acrobat) that provides feedback to the user that the file being examined is signed, the signatures are valid, and the document is unmodified since the Signatory signed it.

Automated Machine Guidance (AMG): Automated machine guidance is a process in which construction equipment is linked directly to the operation of machinery with a high level of precision, improving the speed and accuracy of construction processes. The AMG can utilize the GPS or robotic total stations for positioning information.

Certificate Authority: The 3rd party entity that issues the Digital Certificate to the professional signatory and validates the identity of the signatory.

Compliance Certification Checklist Report: A document that contains the data producers' written assurances that items required by the Department's Computer Aided Drafting and Design (CADD) Manual are included in the delivered project data and that certain Quality Control functions were performed.

Composite PDF: A document containing all of the plan sheet images composing the plans set in their index order. This document must be in Adobe Portable Document Format (PDF) format and reside in the project's root folder.

Digital Certificate: In cryptography, a digital certificate uses a digital signature to bind together a public key with an identity — information such as the name of a person or an organization, their address, and so forth. The certificate can be used to verify that a public key belongs to an individual. The signatures on a certificate are attestations by the certificate signer that the identity information and the public key belong together.

The type of Digital Certificates used for the Department’s design work must meet the Federal Government’s Access Certificates for Electronic Services (ACES) program. The Department currently uses IdenTrust (<http://www.identrust.com/government/index.html>) to provide those digital certificates.

Digital Delivery: The contemporary method of project file delivery that relies upon the composite PDF(s) of the plans and specifications being produced and delivered, a ZIP archive of the CADD and engineering data for the contractor’s use, and Digital Signature as the principal means to secure the composite PDFs of the plans and specifications files.

Digital Signature: Cryptographic data applied to an electronic file which is unique to the signatory, and is very difficult to forge. In addition, the digital signature assures that any changes made to the data or electronic file that has been signed cannot go undetected. A Digital Signature is much the same as a conventional handwritten signature that identifies a person signing the document. While traditional signatures are on paper, every digital signature stores information that will identify the person signing. There can also be information about changes made to a digitally signed document since the first signature was applied. In Digital Delivery, Digital Signatures are applied to Signature Sheet(s) in the plans or may be applied to documents that Professional(s) of Records are taking responsibility for.

Digitally Created Seal: An image of a seal created by electronic means and placed in an electronically produced document. In the CADD environment digitally created seals are usually placed by inserting a block / cell resembling an embossed seal. These may also be produced by means of a “stamp tool” in PDF editing software. The digitally created seal is an image to further communicate the idea that the adjoining digital signature appearance is the application of professional license. The digitally created seal is only an image and has no means of validation whatsoever. A digitally created seal is not to be confused with a digital certificate or digital signature. (For engineering seals see Florida Administrative Code (F.A.C.) 61G15-23.002 Seals Acceptable to the Board).

Digital Signature Appearance: A graphical representation that appears on an electronic document indicating that a digital signature has been applied. As a minimum, the appearance must contain the name of the signatory and a date-time stamp at the instant of signature. When a digital signature is used as an application of a professional’s signature and seal, specific language must accompany the digital signature appearance. See the Department’s *Plans Preparation Manual* (PPM), Volume 2, Chapter 3 & Chapter 3 Exhibits for further explanation and examples. When the digital signature is an application of a professional engineer’s signature and seal, The Signature Appearance is not proof of authenticity, only that a signature was applied. Authenticity is proven through the Validation process (see Validation definition).

Digital Terrain Model (DTM): A DTM is a digital topographic model of the earth’s surface minus objects such as trees, vegetation, and structures that can be manipulated through computer-aided design programs. All elements of the DTM are spatially related to one another in three dimensions.

Early Works: Sheets inserted into the plan set that were prepared early in or prior to the design process. See section 5.10.1.1 below. **Project CD:** Media (CD, DVD, USB, etcetera) containing all data associated with a project. The contents must include the entirety of the Project Folder / Project Data Set.

Revision: Volume 1, Section 20.1.4 of the PPM defines a design revision as a modification to the *Plans, Specifications & Estimates* (PS&E) Package/Bid Set after it has been accepted by Central Office Project Review.

Revision Set: The set of files that includes only the changed files from one revision to the next.

Sheet: A single page in a multipage PDF.

Signatory: The person or professional who secures files in a delivery using electronic cryptographic means such as Digital Signature. If the signatory is a professional, signatures will be governed by the rules defined by the Florida Boards of Professional Regulation. A professional may have multiple signatories for a project as needed by the revision process.

Signature Sheet(s): The Digital Delivery process uses a Signature Sheet to define a professional's area of responsibility for those portions of the document being digitally signed. Signature Sheet(s), in the case of a plans set, is one or more sheets following a Key sheet which bears the digital signatures of the Professional(s) of Records.

The Signature Sheet is a convenient location for placing a digital signature appearance when there are multiple individuals signing a plan set. By placing a digital signature on the signature sheet of a plans set, the Professional(s) of Record associates his/her professional signature with the entire plan set (for example: 61G15-23.004); therefore, notation must be provided on the signature sheet for a scope delineating the extent of the Professional's responsibility and an index of the specific sheets in the plan set for which the Professional is accepting responsibility (also 61G15-30.003 Minimum Requirements for Engineering Documents).

(See the Department's PPM, Volume 2, Chapter 3 & Chapter 3 Exhibits for further explanation and examples.)

Signing: Acts of securing a file or set of files by means Digital Signature (see above definition).

Signing and Sealing: Digital Signature relies upon Public Key Infrastructure to embed secure data into a file the Signatory is signing, or signing and sealing. Any restriction upon the scope of responsibility, usability, or reliability of the file being signed must show with the appearance of the digital signature in that document.

Sub-Consultant: A consultant, separate from the primary consultant, who performs work for a project under the hire of a prime consultant.

Sub-Delivery: A delivery of files made by a sub consultant to a consultant, prime consultant or project manager, where that delivery is only a portion of the overall project.

Surface: A surface, in the context of 3D engineered models, represents an element of design such as existing ground, final grading, or pavement in three-dimensional workspace. All elements of the surface are spatially oriented to one another.

Validation: Validation is done in Digital Signature; however, the validating application will compare hashes embedded cryptically within the file against ones calculated "on the fly" to see if a document has changed. The Validation extends to the hosting application verifying the identity of Signatory by using the Root Certificate to make contact with the Certificate Authority over the internet and checking identity records to ascertain the authenticity of the Signatory.

5.4 REFERENCES

[Construction Project Administration Manual \(CPAM\) Topic 700-000-000](#)

[Federal Highway Administration - 3D Modeling](#)

[Florida Permanent Reference Network \(FPRN\)](#)

[IdenTrust](#)

[LandXML](#)

[Plans Preparation Manual Volume 1 & 2, Topic Nos. 625-000-007/625-000-008](#)

5.5 RECEIPT AND ACCEPTANCE OF ELECTRONIC DATA

The Project Manager is responsible for ensuring that the terms of the scope of services of a project have been met, including the assurance that the Department's Quality Control requirements were fulfilled during production of the electronic data.

➤ ***Receipt of Data***

The Project Manager must receive electronic data under a letter of transmittal.

➤ ***Authentication***

Upon receipt of the delivery media, the Department will validate all digitally signed files.

➤ ***Acceptance***

The Project Manager ensures that the delivery is checked for completeness and meets the terms, conditions and requirements outlined herein. Once the delivery has been determined to be compliant, a record of acceptance must be made.

5.6 ENGINEERING DATA SERVICES

Engineering Data Services is a *function (or functions)* within the Department for handling and re-distributing engineering and CADD data, including consolidation, packaging, archiving, and distribution of data belonging to a project.

➤ ***Contract Packaging***

Engineering Data Services must coordinate regarding contract packaging requirements for a delivery for a letting found in the [Plans Preparation Manual Volume 1 & 2, Topic Nos. 625-000-007/625-000-008](#)

➤ ***Archive and Security of Data***

Engineering Data Services must insure that prescribed safeguards for the data have been met and the archival package for data includes all electronic data available for a project. The data must be preserved where it can be retrieved at future dates, meeting records retention standards set for such data.

5.7 PUBLICATION AND DISTRIBUTION

Engineering Data Services is responsible for publication and distribution of electronic data in accordance with procedures or requests, including but not limited to publishing electronic data to different media.

5.8 DIGITAL DELIVERY

Digital Signature is defined in *Florida Statutes 668.003* and uses a Digital Signature to secure files. Digital Signature is a “paperless” process that relies upon the intrinsic ability of the files themselves to encode cryptographic security features using a Digital Certificate issued to the Professional of Record.

The Digital Delivery comprises two parts:

- One Part that represents the work product of design in the full project directory structure.
- One Part extracted from the full project directory structure that is provided to contractors as defined in 5.8.1 below.

5.8.1 *Production Deliverable Files*

Engineering and CADD data is to be provided to the contractor is to encourage the use of Automated Machine Guidance in Construction and to facilitate more accurate bidding. Advertising projects with both the CADD and Engineering Data is desired (i.e. LandXML of the project geometrics and surfaces).

Project design documentation (like pavement design report, typical section package, exceptions, variations, architectural calculations, drainage calculations, lighting design analysis report, permits, geotechnical reports, structural calculations, toll facility calculations, utility schedules, etcetera) will be delivered per PPM, Volume 1, Chapter 20. Some districts specify these documents be delivered under \admin\ or \calcs\ specific folders.

The Bid Set is made available to contractors for bidding during the advertisement period and generally includes:

- Plans Component PDF file(s) representing the Plans Set
- Specifications PDF file(s)
- Archival native CADD ZIP file
- Automated Machine Guidance files

Plans will be divided by plans components. The Department’s Standard Plans Component codes (corresponding to the component order defined in the PPM, Volume 2, Chapter 2 (component description in parenthesis) are as follows:

- 01 – Roadway Plans
- 02 – Signing and Pavement Marking Plans
- 03 – Signalization Plans
- 04 – Intelligent Transportation System Plans
- 05 – Lighting Plans
- 06 – Landscaping Plans
- 07 – Architectural Plans
- 08 – Structures Plans
- 09 – Toll Facilities
- 10 – Utility Work by Highway Contractor Agreement Plans

5.9 PRE-PRODUCTION

Pre-production activities involve the creation of a “seed” project to provide a framework for meeting the Department’s CADD standards and delivery requirements. Activities include the creation of the Project folder structure. The project must begin correctly so the Department’s standards for Delivery can be met.

The Department’s CADD Software Suite contains a tool to help create a Project folder structure with the appropriate project information. The newly generated Project folder structure and its content are referred to as the “seed project”.

For creating a “seed project” the *Create Project* application can be used to enter key financial, administrative and location data into the project as project identification information. This project identification information is contained in an XML file format (*ProjectID.xml*) stored in the _meta_info\ sub-folder of the project.

5.10 PRODUCTION

During the production phase, tasks are performed prior to the creation of the media for delivery of the data meeting the Department’s delivery requirements. The Department provides several applications and resources to aid the user to meet the Department’s specific requirements.

➤ **Tasks Performed During the Production Phase Include:**

- Follow the folder structure and file naming requirements for Delivery.
- Produce CADD design files to the Department’s CADD Standards, using the workspaces and resources provided.
- Assemble any non-standard user created CADD resources, such as custom created cell libraries, in appropriate folders and document their use.
- Document all approved deviations from the Department’s CADD Standards in the Project Journal file(s), including important applications, methods and decisions made during design. This is important for downstream users of data to follow in the designer’s footsteps.
- Create required Engineering Data and output files.
- Generate Quality Control (QC) Reports for all design files using the CADD QC tool provided. These reports indicate compliance to file naming and CADD element symbology standards.
- Merge any external project files into the project folder structure, including all files from sub-consultants, external reference files, scanned images for sheets (if any) and specifications documents.
- Bundle any non-standard graphics dependent resource files into the project sub-folders:
 - **\symb** - to include user created fonts, shape files and/or line styles/linetypes
 - **\cell** - to include project specific / user created cell or block libraries
- Check for any duplication of files and resolve. Remove non-essential file duplication. Remove non-essential “junk” files.
- Review the project for completeness, accuracy, and compliance with delivery standards. The application *FileChecker* is provided to help assist with this task.
- Create any files needed to support 3D modeling as required by the scope and to communicate design intention to the contractor.

5.10.1 Plans Component PDF Files

Each plan component will be delivered as a separate PDF file. Component file PDFs will have one of the applicable file names from the table below.

<i>fpid</i> -PLANS-01-ROADWAY.PDF	<i>fpid</i> -PLANS-06-LANDSCAPE.PDF
<i>fpid</i> -PLANS-02-SIGNINGMARKING.PDF	<i>fpid</i> -PLANS-07-ARCHITECTURAL.PDF
<i>fpid</i> -PLANS-03-SIGNALIZATION.PDF	<i>fpid</i> -PLANS-08-STRUCTURES.PDF
<i>fpid</i> -PLANS-04-ITS.PDF	<i>fpid</i> -PLANS-09-TOLLFACILITIES.PDF
<i>fpid</i> -PLANS-05-LIGHTING.PDF	<i>fpid</i> -PLANS-10-UTILITYWORK.PDF

Each Plans Component PDF will contain all of the sheets in that component set in consecutive order and suitable for inclusion into the overall plan set. The only exception to this requirement is **Early Work** sheets discussed in Section 5.10.1.1 below.

Each Plans Component PDF will have its own key sheet. In the event that there is more than one professional of record signing a plan component, a signature sheet(s) will be inserted directly behind the key sheet to contain the digital signatures. If a plan component or an early work sheet has only one professional of record signing, then NO signature sheet will accompany that component or Early Work sheet. In the instance of a single signer the digital signature appearance will be placed on the lead sheet in the set in the same location as a physical wet-ink signature and seal would appear; on the key sheet for a component set or the first sheet for an Early Work sheet set.

Produce Plan Component PDF's and Early Works Sheets in Black and White or Grayscale, unless color PDFs are required. Production of the PDF in color enlarges the file size considerably. All plans sheets must be produced in the PDF in the same reading orientation, preferably Landscape, with the title block displaying at the bottom of the sheet.

Note For strung projects, each "Lead" and "Goes-with" Project dataset and Bid Set data is delivered separately. Each "lead" and "Goes-with" will have its own set of PDFs, *fpid*-CADD.ZIP, etcetera.

5.10.1.1 Early Work Sheets of Plan Sets

Portions, certain Early Works sheets, of a plan set that are delivered early in the project development cycle as per the PPM may be digitally signed at the time of sheet development. In so doing, the professional of record signs said Early Works sheets only once when those sheets are completed, unless subsequent changes are made to the sheets.

Early Works may only be provided in one of four instances; Project Control, Geotechnical Core Borings, Verification of Underground Utilities Survey, or a Tree Survey. Each Early Work set is provided as a separate multi-sheet PDF file. Those PDF files will be named accordingly using the following file naming convention:

- Project Control:** <fpid>-PLANS-<component code>-<component>-**PC**.PDF
- Geotechnical Core Borings:** <fpid>-PLANS-<component code>-<component>-**COREBORINGS**.PDF
- Underground Utilities:** <fpid>-PLANS-<component code>-<component>-**VERIFIEDUTILITIES**.PDF
- Tree Survey:** <fpid>-PLANS-<component code>-<component>-**TREESURVEY**.PDF

Typically, these are delivered with the roadway component. An example where the primary plans component is roadway (01-ROADWAY), early works are delivered is shown in the following table:

<i>fpid</i> -PLANS-01-ROADWAY- PC .PDF
<i>fpid</i> -PLANS-01-ROADWAY- COREBORINGS .PDF
<i>fpid</i> -PLANS-01-ROADWAY- VERIFIEDUTILITIES .PDF
<i>fpid</i> -PLANS-01-ROADWAY- TREESURVEY .PDF

As another example, if the primary plans component is structures (08-STRUCTURES), then the early work sheets will be named as shown in the following table:

<i>fpid-PLANS-08-STRUCTURES-PC.PDF</i>
<i>fpid-PLANS-08-STRUCTURES-COREBORINGS.PDF</i>
<i>fpid-PLANS-08-STRUCTURES-VERIFIEDUTILITIES.PDF</i>
<i>fpid-PLANS-08-STRUCTURES-TREESURVEY.PDF</i>

And likewise other plans components.

5.10.1.2 Plans Component PDF Deviation

In the rare event that the complexity and sheer size of a project dictates that the project be further subdivided than by the means provided by the above file names, an approval may be granted as follows:

- A request to deviate from the required process must be made in writing by the District Plans, Specification & Estimates Engineer to the Central Office, Program Management Office.
- The request must be specific regarding the proposed file structure and delivery method that will be used for the project in question.
- The request should be made as early in the design phase as practical, but no later than Phase III Plans Submittal.
- Central Office, Program Management Office will grant approval if the need for deviation is demonstrated and the proposed process is acceptable.
- An approval granted on one project may not be construed as to extend to other projects regardless of similar circumstances. Approvals are granted on a project by project basis.

5.10.2 3D Model PDF Files

All projects modeled in 3D will deliver a separate 3D PDF file. Project file PDFs will have the file name as shown below.

- ***fpid-3DMODEL.PDF***

5.10.3 Specifications PDF Files

- ***fpid-SPECS.PDF*** – Specifications PDF format file delivered separate from the project folder structure. This file is signed and sealed with Digital Signature.
- ***fpid-SPECS-SUPP##.PDF*** – Supplemental Specifications file signed and sealed with Digital Signature.

Note Refer to Chapter 4.13.17.3, Specifications Standards - Technical Special Provisions (TSPs) in the Bid Set.

5.10.4 CAD ZIP Files

An archive of the Project folder structure containing the CADD files (Native DGN's / DWG's of the platform used to design the project) and supporting data files from which the final plans were developed will be delivered in the format of a ZIP file (*fpid-CADD.ZIP*). This ZIP file is not signed and sealed and is delivered as a separate file outside of the project folder structure. The designer must determine which files should be included inside the *fpid-CADD.ZIP* file to support the plans and facilitate the contractor constructing the project. The folder structure inside *fpid-CADD.ZIP* closely resembles the Project Folder structure (as a sub-set), where files found in *fpid-CADD.ZIP* would be found at the same path as in the project Folder structure.

As a minimum, the *fpid-CADD.ZIP* should include:

- CADD Drawing Files (.DGNs, .DWGs, etcetera)
- Engineering Data Files (*described later in this chapter and prior chapters*)
- Summary of Quantity Sheet Backup Drawings (*includes data such as, shapes and area identifications*)
- 3D Deliverable Files (*a culling out of selected CADD and other files from the Project CD specifically for the contractor*)

DO NOT include the following files (and their variants) in the *fpid-CADD.ZIP*:

- *fpid-PLANS-<component code>-<component>.PDF*
- *fpid-PLANS-<component code>-<component>-REV##.PDF*
- *fpid-SPECS[-].PDF*
- *fpid-SPECS-SUPP##.PDF*

Note Because *fpid-CADD.ZIP* does not represent the entire Digital Delivery, certain tools, such as *FileChecker*, should not be run against only the contents within *fpid-CADD.ZIP*. *FileChecker* should only be run against the full Project folder structure containing all of the Digital Delivery.

5.10.4.1 Engineering Data

In addition to the delivery of the files produced during the course of development, the Department requires the inclusion of certain Engineering Data files for critical geometrics in the design. These can include the alignments, profiles, cross sections, and surfaces. Critical roadway geometric items, such as the centerlines and profiles of the proposed mainline, side streets, special ditches, and utilities, must be included.

➤ ***Delivery Standards for Engineering Data***

The required formats for Engineering Data files for a project as part of the Delivery includes LandXML, which covers basic geometry element types, and is readable by the Department's software systems, from both Bentley and Autodesk. In addition, LandXML may be consumed by many software used by the highway construction industry including AGTEK, Trimble, Carlson, and others.

The LandXML format defines data exchange format for basic roadway geometrics including:

Point data	Profiles
Curve data	Pipe Networks
Spiral data	Terrain Model Surfaces
Alignments (with station equations)	Survey Data.
Cross Sections (surface and design sections)	

Note LandXML is also widely supported by many civil engineering software. Read more about LandXML at: <http://www.LandXML.org>

➤ ***Cross Sections***

➤ ***LandXML defines a specification for the exchange of cross section data. This format includes surface definitions such as existing ground terrain, and bottom of the proposed template, to define materials set forth in the Department's Design Standards Indexes 500 and 505. Quantity Files***

Engineering Data supporting Quantity calculations must be delivered according to the guidelines and formats defined by the ***Construction Project Administration Manual (CPAM) Topic 700-000-000*** found at: <http://www.fdot.gov/construction/manuals/cpam/CPAMManual.shtm>

5.10.5 3D Deliverables - Automated Machine Guidance in Construction

3D Design and Modeling is intended to facilitate Automated Machine Guidance (AMG) in construction. Both Bentley and Autodesk provide 3D Design tools and have been augmented through the Department's workspaces for the Department's projects and help support exporting data usable in AMG processes. AMG technology can reduce time and cost of construction because of greater productivity by equipment operators,

fewer grade checks are needed, greener construction (less fuel and equipment wear), greater safety, less rework, and less survey staking required. Contractors invest in AMG for safety, productivity, and to stay competitive.

The benefits of 3D Design and AMG are well documented on the Federal Highway Administration web pages here: <http://www.fhwa.dot.gov/construction/3d/>

Some goals in providing the Engineering and CADD data to the contractor is to encourage the use of AMG in Construction and to facilitate more accurate bidding. Other automation is also possible and Building Information Modeling (BIM) processes have demonstrated this automation in other industries. Advertising projects with both the CADD and Engineering Data is desired (i.e. LandXML of the project geometrics and surfaces).

In general, projects characterized by the following are the best candidates for modeling and AMG:

- Projects with large amounts of earthwork or paving, including new road construction or significant reconstruction. Resurfacing, Restoration & Rehabilitation (RRR) projects involving variable cross slope and superelevation correction are also good candidates. When scoping projects, preliminary design and planning should question why 3D Design should not be used, rather than if it should. As a matter of guidance, the designer should consider that if controlled cross sections are going to be needed in the plans to communicate design intent to the contractor, then the project is a good candidate for 3D modeling.
- Projects with a good GPS environment for receiving satellite signals, or enough line of sight for using total station and laser controlled systems. The Department's Florida Permanent Reference Network (FPRN) provides statewide GPS coverage: <http://www.fdot.gov/geospatial/FPRN.shtm>
- Projects with designs that are based on accurate existing ground Digital Terrain Models (DTM).

3D Design workflow must start at the beginning of the project and create the needed data from survey, and is contingent upon data being tied to an AMG field usable coordinate system. The Department requires projects to be performed on the State Plane coordinate system, and the vertical datum is referenced at time of survey activities. After design, the overall reduction of construction costs by modeling and AMG should be realized. For design, the 3D workflow enables the project development team to visualize potential impacts and promote intense collaboration during the planning and design process. Discovering design errors by inspection of the 3D models will reduce costly change orders during construction.

The use of modeling will eventually require conversion of CADD data and other model data to AMG formats. This conversion is the responsibility of the contractor, as the contractor may have special needs that the designer may not anticipate. However, the formats of data delivered as prescribed by this Manual should enable successful translation by the contractor.

The electronic files delivered with the contract documents are provided as a courtesy to the contractor. The Department's Contracts Administration Office releases this CADD data with accompanying exculpatory language stating the contractor cannot use the data as a basis for claims. Contractors will be completely responsible for any data conversions or information derived from model data provided by designer. Post-design services may employ a designer to convert model data to needed AMG formats, or refine the models to meet contractor specific needs. Since the intention of the Department is to encourage 3D modeling and AMG in construction, requirements for accountability and certification of 3D models will also be forthcoming.

5.10.5.1 Types of Modeling Data Needed

➤ Control

The survey control for the design of the project needs to be clearly transmitted to the contractor, including the coordinate system and datum of that control. This is important because the contractor must calibrate his AMG equipment to that control upon which the design model is tied. The State Surveying and Mapping Office provides instructions for establishment and densification of field survey control, and the State Construction Office's Proposed Specification: **0050700 Control of the Work** has further guidance for AMG operations.

➤ Alignments/PGLs

As described in Section 5.10.2, LandXML file(s) of the controlling alignments and profiles that represent the controlling geometrics of the project will be delivered and can be extracted from other CADD files delivered. These tie all other data provided directly to the contract plans set. The data must be in the coordinate system of the control that can resolve to the field and be in harmony with all the other data that will be provided.

➤ Surfaces

Surfaces created by survey can represent existing conditions and those created during design using CADD software indicate the designer's intent. Surfaces representing existing conditions at the time of the survey used for design (the pre-design existing (Ground) surface), as well as the finished construction (Top) surface are delivered. LandXML Triangular Irregular Network (TIN) surfaces would typically be delivered for most projects and the same surfaces also delivered as 3D design files in their native CADD systems. Surfaces represented by LandXML files can become unwieldy for larger projects (surfaces should be represented in LandXML files of less than 500 MB per surface-file), so it may be necessary to subdivide a project's surface data into logical sections when delivering large LandXML surface files.

For Example: A relatively small TIN surface (i.e. 32,208 points, 63,462 triangles) can be represented as a LandXML file of approximately 5 MB. So a LandXML surface file of approximately 100 times this data content (about 3 million points) could be manageable as LandXML. Since LandXML is text-based, it will also compress significantly when creating a ZIP to deliver the data (for example, a 50 Megabyte LandXML file of a TIN surface will ZIP down to approximately 10 Megabytes for delivery).

Surfaces delivered in MicroStation DGN or AutoCAD DWG 3D design formats (meeting the Department's CADD standards for symbology) are most usable when each surface is separated into their own drawing files. Points and Break lines should be contained in the surface files.

Note If the native to CADD system used to produce those surfaces mentioned above also stores surface data in alternative formats, as such the case with GEOPAK: i.e. a .TIN, a GEOPAK .DAT, or an InROADS / GEOPAK Roadway Modeler .DTM, then those files must also be delivered.

Surfaces may also be needed in more common formats used in software by the contracting industry. Contractors have communicated a preference for AutoCAD 3D design formats (3D DWG and 3D DXF) which are exportable by both MicroStation and AutoCAD tools. Some contractors have also communicated the need for finished top surfaces to be "smoother" and be represented differently than in TIN formats. These finished surfaces can sometimes be exported in alternate 3D representations called "mesh," "grid," or "lattice" surfaces depending upon which design platform is used.

➤ Break Lines

Hard surface breaks must be respected during construction (i.e. edges of pavement, shoulder breaks, etcetera) and need to be provided to enhance the surface data. These aid the field AMG equipment operator during grading and string-less staking operations by preventing the "shaving" that could occur as the equipment transitions the break.

➤ Denigrating Geometry

When finishing drawings, 2D & 3D controlling geometry is to be represented by basic vector geometry types such as lines, arcs, and polylines. This Geometry should not be combined into Blocks or Cells which destroys any attached original design intelligence.

5.10.5.2 3D Deliverables Supporting AMG for 3D Designed Projects

The following table describes the file(s) to be provided for construction. Contractors have requested the Department isolate the CADD and LandXML files they would typically need with a consistent name scheme. These files are usually copies of files already produced in the ordinary course of 3D Design CADD work and copied to a convenient Project folder location (**\3DDeliverables**) for the contractor's usage.

Note All 3D Deliverable files should be set to 'READ ONLY'.

3D DELIVERABLES SUPPORTING AMG for 3D PROJECTS	
File Name <i>(put in \3DDeliverables\)</i>	Description
Design Alignments and Profiles	
AMG-ALGN##.xml	All Alignments and Profiles extracted from the \Roadway\ALGNRD, PROF or model files and \Roadway\DSGNRD or CORRRD files in LandXML format.
2D Proposed Planimetrics Design	
AMG-2DSGN##.dwg/dgn	2D proposed Roadway design extracted from the \Roadway\DSGNRD file. (Production of this file for construction is at the designer's discretion.)
AMG-2DRPR##.dwg/dgn	2D proposed Drainage design extracted from the \Roadway\DRPRRD file. (Production of this file for construction is at the designer's discretion.)
AMG-2PDPL##.dwg/dgn	2D proposed Pond design extracted from the \Roadway\PDPLRD file. (Production of this file for construction is at the designer's discretion.)
2D Existing Survey <i>(Note: These are being considered to merge into a single survey Planimetrics file)</i>	
AMG-2TOPO##.dwg/dgn	2D proposed existing Topography extracted from the \Survey\TOPORD file. (Production of this file for construction is at the designer's discretion.)
AMG-2DREX##.dwg/dgn	2D proposed existing Drainage extracted from the \Survey\DREXRD file. (Production of this file for construction is at the designer's discretion.)
AMG-2UTEX##.dwg/dgn	2D proposed existing Utilities extracted from the \Survey\UTEXRD file. (Production of this file for construction is at the designer's discretion.)
3D Existing Survey Surfaces	
AMG-3SURFACEEX##.xml	3D existing terrain surface to be exported from the \Survey\GDTMRD file as LandXML format. (Production of this file for construction is at the designer's discretion. This file will be produced if the 3D Existing Surface dwg/dgn file(s) are not produced.)
AMG-3SURFACEEX##.dwg/dgn	3D existing terrain surface to be exported from the \Survey\GDTMRD file. (Production of this file for construction is at the designer's discretion. This file will be produced if the 3D Existing Surface LandXML file(s) are not produced.)
3D Proposed Surfaces	
AMG-3SURFACEPR##.xml	3D proposed finished (top) surface to be exported as LandXML format from the \Roadway\MODLRD file.
AMG-3SURFACEEW##.xml	3D proposed finished (bottom) surface to be exported as LandXML format from the \Roadway\MODLRD file. This file will be used to generate surface to surface earthwork volumes.
3D Proposed Break Lines	
AMG-3DSGN##.dwg/dgn	3D proposed Roadway design extracted from the \Roadway\DSGNRD file. (Production of this file for construction is at the designer's discretion. This file will be produced if the 3D Proposed Surface(s) LandXML file(s) is not produced. Geometric elements should be in vector.)

Note All LandXML .xml files must use the LandXML 1.2 schema published at <http://www.LandXML.org>

5.10.5.3 Maximum Corridor Frequency Interval Spacing for 3D Design

Design software used by the Department samples the 3D corridor models at user defined intervals in order to create surfaces. To ensure reasonable fidelity in surface models for AMG operations, maximum sampling intervals are described below:

Note The designer may choose to sample more frequently to more accurately represent his design model, although, there is a limiting return (larger files and poorer computer performance) if sampling too frequently. Designers must balance these competing consequences when deciding appropriate sampling frequency for their projects.

Facility	Design Speed < 45 MPH	Design Speed > 45 MPH
Rural Sections	maximum corridor interval	
Tangents	20 feet	20 feet
Curves	10 feet	10 feet
Intersections	5 feet	5 feet
Urban Sections	maximum corridor interval	
Tangents	10 feet	20 feet
Curves	5 feet	10 feet
Intersections	2 feet	5 feet

Additional sampling intervals will normally be needed at critical regions in horizontal geometry stations (i.e. PC's, PT's), superelevation transition locations, and at profile geometry critical locations (i.e. PVC's, PVT's, and profile high/low points). The designer must also add sampling at other critical regions along the corridor, such as changes of typical section, critical drainage locations, approach and interior to intersections, and median crossovers.

5.10.5.4 Quality Control of Corridor Models and Extracted Surface

3D Design for roadways is intended to produce output of a corridor model from which surfaces may be derived. It is incumbent upon the designer to verify these corridor and surface models representing their design intent so the resulting models and data derived from them can be relied upon. The previous Section describes maximum sampling intervals for developing corridor models based upon facility and design speed; however more frequent sampling may be required to achieve the desired accuracy or resolution of the 3D model.

There are several methods that can be used to check the “quality” of the proposed models and surfaces, and many checks rely upon visualization techniques on the data. These can include:

- Visual inspection through examining the models/surfaces using 3D perspective views and orbits. The Z (elevation) can sometimes be exaggerated during these operations to show discontinuity in the surfaces where problems might lie.
- Visual Inspection through examining the models/surfaces using drive through and fly through view manipulations and animations. Other simulation techniques can be employed also.
- Contouring the surface models and examining the resulting contours.
- Surface display by means of rendered/stylized surfaces (and solids). In some software these views can be thematically colored and or shaded, indicating slope or elevation change.
- Cross Section and Profile extraction - Do these extractions corroborate the contract plans? Equally, are plan sections and profiles contemporary with the model?
- “Rain Drop” analysis to see where water distributed over a surface would flow or accumulate if the surface were treated as if it were impervious and perfectly smooth.
- Representing elements in either wire-frame or as solid bodies, where they can be examined for conflict or “interference” relative to neighboring or crossing elements.
- Use of temporary dimensioning and labels to test the models elements for appropriate length, elevation, slope, etcetera.
- Design criteria can also be checked for critical design standards such as sight distance, K-value, rate of curvature, cross slope, and curve widening criteria.

Note Visualization can be embellished with applications of various rendering materials, lighting, and shading.

5.10.6 Merging External Project Files

Files must be merged into the main Project folder structure prior to the project delivery. These include CADD system dependency files, and files provided from outside sources, such as those produced by sub-consultants.

➤ **CADD System Dependency Files:**

Certain CADD references might reside external to the project folder during the production phase. Before delivery to the Department, these files must be placed in the appropriate locations within the Project folder structure. It is strongly recommended that these files be included in the Project folder structure early on in project development and verified that referencing functions work properly.

Note Reference files must also be attached without the “save full path” option, and should be located by their relative paths from the root of the Project folder.

For printing purposes, any user created custom line style/linetype, font resource, and cell / block library files used for the project must be included with the project in the sub-folder \symb\. In addition, any external design files that are referenced, such as sheet border files, must be copied to the project folder. This allows the view or recreation of prints matching the original delivery for future customers of the data.

Note The designer does not need to include the Department's standard CADD resources delivered in the Department's CADD Software (either MicroStation or AutoCAD resources). However, the Department's CADD Software version information must be provided in the Project Journal.

➤ **Files from Outside Sources:**

Files that come from an outside source include files produced by a sub-consultant. Files from sub-consultants must be delivered to the primary consultant, or the Department's designer, following the same requirements for Delivery.

➤ **Merging Previously Digitally Signed Documents:**

Once a document is signed using a digital certificate, the document is valid when it is completely unaltered. Merging two or more documents together, even if those documents are signed and completely valid independently, produce a completely new document - thus an altered document. When merging previously signed documents, the PDF editing software will strip off all digital signatures that have been applied.

In situations where it is necessary to merge previously digitally signed documents, retain the original signed documents from which the merged document is produced. If it is necessary for the merged document to be signed, then it must be signed by the original signatories or their successors.

5.10.7 Reviewing the Project

A basic Compliance Certification Checklist Report is found in Section 5.10.9 may be employed to help the data producer consider critical items in their QC review for delivery. The Department's CADD Software Suite provides tools (including *QC Inspector* and *FileChecker*) to help ensure quality control which helps enable a successful review. One must use due diligence to make sure all delivery requirements are met.

Note Some of the Department's Districts may have their own supplemental checklists. Contact your District Project Manager for additional District specific supplemental delivery requirements.

➤ **Example: Some items to review would include:**

- Take particular care to look for missing sheets, gaps in the sheet numbering, duplicate sheet numbering, etcetera. Check for misspellings in sheet borders and other grammatical errors.
- Take particular care to find multiple files in the Project folder structure with the same file name, but different content, which must be resolved. Likewise, find files with the same content, but different filenames (which could occur as with the case of the files beginning with “AMG...” as described previously).

- Make certain the Professional of Record Note appears on plan sheets indicating the source of the official record.
- Ascertain whether the Component PDF's and Early Works Sheets contains all sheets, in a properly indexed order, and is scaled and rotated properly.
- Validate the digital signatures of signed files.
- Confirm that the Project Journal(s) are complete and accurate.

The Department's tools mentioned should be used to find and resolve potential issues, but they are only tools to aid the producer in their Delivery. It is the responsibility of the producer to perform a thorough review. This procedure does not prescribe every potential item that might need to be checked.

5.10.8 Sign and Seal Project Files

Digital Delivery uses Digital Signature for documents and complies with *Florida Administrative Code* governing the specific discipline for the professional signing those documents.

Regulated transactions, such as the development and submission of engineering plans, specifications, reports, and surveys, require high assurance when signing documents. When documents are distributed electronically it is important that recipients can:

- Verify document authenticity - confirming the identity of each person signing the document
- Verify document integrity - confirming that the document has not been altered

Certificate-based signatures provide both of these security services. The Department chose to use certificate-based digital signature infrastructure using third party certificate authorities to provide independent identity validation. Once certificate-based digital IDs are acquired by professional Signatories, PDF software can be used to sign PDF files and validate files received from others. In addition, the Department provides a tool, *XML Signer*, to digitally sign any XML based file with a Digital Certificate. Likewise, any applications that support Digital Signature with public key infrastructure can be used to sign their respective files.

Digital Signature allows one to:

➤ **Sign Documents:**

- Sign PDF files using certificate IDs
- Place a signature box anywhere on the appropriate page or sheet
- Add multiple signatures to a document or page
- Add a time stamp to the document
- Certify a document with a visible (or hidden) signature to enable recipients to verify authenticity with or without seeing a visible signature on the currently viewed page
- Automatically embed certificate data to support long-term validation

➤ **Validate Documents:**

- Validate all signatures, confirming the identity of everyone signing the document
- Validate document integrity by tracking all previously signed versions of a document to verify changes made during the document's lifecycle

➤ **Set Privileges and Permissions for Others:**

- Certify a document while leaving portions available for form filling, additional signatures, or comments
- Lock a PDF document with a Certificate ID to restrict editing or copying

5.10.8.1 Digital Certificates

An Access Certificate for Electronics Services (ACES) digital certificate is used to ensure identity, authenticity and accountability in citizen-to-government, business-to-government, and government-to-government electronic transactions. An ACES digital certificate is an electronic identity issued by a Certification Authority that establishes an individual's identity per the Federal Government Services Administration (GSA) standards when using electronic transactions. There are several 3rd party Certificate Authorities that issue ACES certificates. The Department internally uses ACES certificates issued by IdenTrust: <http://www.identrust.com/fdot/index.html>. The Department's Office of Information Technology (OIT) has recently adopted additional Certificate Authorities found here:

<http://www.dot.state.fl.us/OIS/ApprovedDigitalCertificateAuthorities.shtm>

When applying Digital Signatures, many software applications allow the signature to have an "appearance." As a minimum, use an appearance with the text name of the Signatory and the date-time stamp at the instant of signing. (See PPM Volume 2, Section 3.3.2)

- ❖ Do not include any additional watermark or overlay.
- ❖ Do not include an image of the "wet ink" signature of the Signatory (a violation of Board rules).
- ❖ Do not include company logos, or other images within the Digital Signature appearance.

The reason (text) for signing may be placed in a text block within the drawing where more space is available. The image of an impression seal may also be included, but is not part of the Digital Signature itself. For the Department's Plans are provided with the CADD Software Suite that contain images of seals and may be found in the *Seals.cel* or *Seals.dwg* Cell / Block Library(s).

5.10.8.2 Managing Digital Certificates

ACES Digital Certificates uniquely identify an individual. As such, these certificates must be closely guarded against unauthorized usage. Digital Certificates used for signing and sealing must be "Under the sole control of the person using it", as stated in Florida Administrative Code 61G15-23.004 and others. Install certificates using "High" security options and disallow exportation of certificates from the primary Professional of Record (POR) workstation. The POR may not "delegate" the use of a digital certificate by sharing a certificate, sharing a password, or otherwise compromising sole possession and use of the certificate.

5.10.8.3 Multiple Signature Sheets

In situations where there are multiple signatories for a plan set where there are too many to list on a single signature sheet, multiple signature sheets may be added to the plan set. All signature sheets for a given component must be placed successively after the component Key Sheet.

Please refer to the Department's *PPM, Volume 2 Section 3.3* for examples:

<http://www.dot.state.fl.us/rddesign/PPMManual/2016/Volume2/V2Chap03.pdf>

Note Finished sheets digitally signed and sealed must bear the Professional of Record Note as shown in the Department's *PPM* Exhibits. The note must be applied before signing and sealing and final delivery.

5.10.8.4 Securing the Project for Delivery

Digitally signed documents have the security key information embedded in the files themselves. Digitally signed files are secured and authenticated using commercially available software (Adobe, Bluebeam, and etcetera).

5.10.9 Legacy Electronic Signature Projects

Provenance and uninterrupted legal record of the project data must occur, whether it be by product or management practice. Therefore, it is important that both the data producer and the Department make a sensible effort to ensure the documents supporting the digital signing and sealing of files by a professional signatory and the securing of the delivery be preserved in a manner consistent with those responsibilities under the rules of the Boards of Professional Regulation in Florida.

For projects that were once performed under the old Electronic Delivery process, the Department will maintain the paper copies of tention Signature and Manifest documents until it is determined how these records may be preserved in other media that meets the requirements of the Florida Boards of Professional Regulation.

5.10.10 Media Requirements for Delivery

All electronic projects submitted to the Department must be on write protected physical media (CD-ROM or DVD-ROM) unless otherwise approved by the Department's District **Plans, Specifications & Estimates** (PS&E) Manager or Program Management Administrator. Use only 1st Class archival quality writable media.

If the project is too large to fit on one CD/DVD, then the process for delivery to the Department's must be reviewed with the Department's Project Manager before splitting the project on multiple CD/DVDs or choosing an alternate media. If approved by the appropriate authority other means of transmission of data, such as File Transfer Protocol (ftp) or File Transfer Appliance (FTA) may be used.

➤ **All Physical Project Media Must have a Project Identification Label with the Following:**

- Financial Project ID Number of Project
- Project Description (*including County and State Road numbers, local road designation*)
- Firm or District Performing the Work
- Name of the Department and Consultant Project Manager(s)
- Creation Date of the Media
- Disk (#) of (Total #) (*if multiple ROMs are needed*)
- Delivery Type Label (*Project CD, Bid CD, etcetera*)
- Anticipated Letting Date for the Project

With the increase of storage capacity and more cost efficiency of USB removable memory drives (thumb drives), use of this media will grow in popularity for the Department's Deliveries.

If memory drives are used:

- *The physical drive must be labeled with the Project Identification (fpid) number and District as a minimum.*
- ❖ A text file must be included on the media's root folder (not Project folder) containing the Project Identification label information and Transmittal Letter containing the same.

5.10.11 Compliance Certification Checklist Report

All Department Project deliveries must be provided to the Department's Project Manager, unless an alternate agreement is reached, along with a Compliance Certification Checklist Report (or similar document).

Note Department's Districts may use a more comprehensive form in their QA process than the following example. The Department prefers this or similar documentation of QC compliance be submitted digitally and included in the \admin\ or \data\ project sub-folders.

All electronic data submittals are to be transmitted to the Department's Project Manager. At a minimum, the following questions must be addressed before submittal, and this or a similar checklist given to the Project Manager along with the submittal.

- 1. Have Project Journal(s) been created containing all necessary project information?
- 2. Is the listing of the software packages and versions used to create all delivered files included in the journal?
- 3. Are all the native files generated by the CADD/Design software in checklist item 2 included in the delivery package?
- 4. Are design files compliant with the Department's CADD Standards for folder structure, file naming, and element symbology?
- 5. Does the submittal include all user-created CADD System resource files (line styles/linetypes, fonts, etcetera) that may have been used with the project?
- 6. Has the QC software been run against the design files? Are the resultant QC Reports of compliance included in the delivery submittal? Has FileChecker been run to verify folder structure, file naming standard, etcetera?
- 7. Have the prescribed engineering data files been created and submitted for the control, alignments, profiles, and surfaces in the formats? Is this information stored in the appropriate directories?
- 8. Where Multi-line (GEN) general file format files created and included for the surfaces representing the cross sections? Have LandXML files of the critical geometrics and surfaces been produced and delivered?
- 9. Have images for the plans been checked and included for all sheets in the plan set? PDF format? Checked for sheet size, scale, and rotation/orientation?
- 10. Are the files representing the plans, referenced by the Department's Plans Preparation Manual, Chapter 19 signed and sealed? Is the Electronic Plan Note on each sheet?
- 11. Has Digital Signature been applied to the correct files signed with the appropriate Digital Certificate and independently validated?
- 12. Has the final media for submission been properly labeled and re-checked to make sure the data is readable and can be authenticated?
- 13. For projects that were scoped for 3D Design deliverables, have the 3D surface models (Ground and Top) been delivered in the formats prescribed?

FPID: _____

Date of Scope: _____

Certified by EOR: _____

5.11 POST-PRODUCTION

The “Post-Production” involves the review and acceptance of a Delivery and making that Delivery available to the Department’s internal services for posting. Functions include: receipt and authentication of delivery media and placement of project data into systems for general use.

Upon receipt of the secured Delivery package and the accompanying documents, the Compliance Certification Checklist Report(s) must also be reviewed for completion and the signed files must be opened and authenticated.

Note Following the requirements within this manual does not guarantee an acceptable work product, as this procedure does not address the quality of the engineering or survey work performed.

Once the Delivery is accepted, the electronic project will be imported into the Department’s file management systems for subsequent use. (See the PPM Volume 1 Chapter 20 Section 20.3 Retention of Electronic Documents for information on the Department’s file management systems). Various stakeholders such as Construction and Maintenance have access to submittals via the Department’s file management system.

5.12 REVISIONS

Revisions to the Department’s projects require the files that have changed since the previous delivery. Revision files use the original file name with a “-REV##” suffix after the file type; CADD, PLANS, SPECS.

As an example, the first revision to a Roadway Component will be named as follows:

fpid-PLANS -01-ROADWAY-REV01.PDF

The first revision to Project Control, Early Work sheets as part of a Roadway Component, for example, will be named as follows:

fpid-PLANS -01-ROADWAY-PNC-REV01.PDF

A second revision will have a “REV02” suffix, third revision will have a “REV03” suffix, and so forth.

The designer must deliver:

- ❖ Ensure the Department has a complete copy of the original Delivery:
 - The native CADD files delivery *fpid-CADD.ZIP*
 - The plan component PDF files *fpid-PLANS-[component code-component].PDF*
 - The initial specifications document *fpid-SPECS.PDF*
 - The initial Technical Special Provisions *fpid-SPECS-TSP[BOE#].PDF*

- ❖ The Revision: (The Bid Set must only contain the changed files in the revision/supplement.)
 - *fpid-CADD-REV01.ZIP*
 - *fpid-PLANS-[component code-component]REV01.PDF*
 - *fpid-SPECS-SUPP01.PDF*
 - *fpid-SPECS-TSP[BOE#]-SUPP01.PDF*.

- ❖ The complete Project folder structure with all contemporary files included.

5.13 STRUNG PROJECTS

Digital Delivery requires that each “Lead” and “Goes-with” project to be delivered as separate datasets under their own *fpid*, and never combined or intermingled in their respective project folder structures. Strung projects are delivered in separate folders just as individual projects in the above procedure. These ARE NOT combined under a folder with an ETC suffix.

5.14 RE-LET PROJECTS AND ROLL BACK REVISIONS

In rare cases, the Department must Re-Let a project. If no revisions have occurred to the project set for Re-Letting, the Department will simply re-advertise and Let the project with the submitted Project CD or Bid Set CD data. However, if a revision has been applied to the project set for Re-Letting, then the revision is no longer relevant. The Re-Let project is essentially an original letting all over again. In this case, the data producer may be asked to Roll Back the revision indexing as if the Delivery were an original Delivery. This could involve updating the plan sheets to remove the revision enumerations. The changes to plans that were once identified as a revision are now considered simply a plan change.

5.15 DESIGN BUILD PROJECTS

The Scope of Services between the designer and contractor defines the deliverables to one another. If either party is bound by agreement to make a delivery of data to the Department, then the guidance for Digital Delivery should be applied.

Chapter 6

SUPPORT

6.1 PURPOSE

This chapter establishes the primary components of Florida Department of Transportation (Department) Computer Aided Design and Drafting (CADD) support structure and services, including the statewide training, and defines the applications and tools supported by the Production Support CADD Office (CADD).

6.2 SCOPE

This procedure establishes the hierarchy of CADD-related support roles and responsibilities from the peer level to the statewide level of the CADD, the District CADD support function, and the Technical Advisory Committees (TAC).

6.3 REFERENCES

- [FDOT CADD Customer Support Guide](#)

6.4 COMPONENTS OF CADD SUPPORT

The Department supports a core group of CADD software products for in-house production as specified herein. Consultant support is generally limited to the Department developed CADD software modules, interfaces, and configurations. The statewide CADD support is coordinated through the Production Support CADD Office. Currently supported versions of CADD software products can be found on the Production Support CADD websites:

- [Supported CADD Software Versions](#)
- [CADD Software Downloads](#)
- [CADD Manual for the CADD Software](#)

Most of the core CADD software products are commercial programs that the Department has purchased a license to use. Note that the Department makes no warranty, expressed or implied, as to the documentation, functionality or performance of these or other Department developed programs described herein.

The primary components of CADD Support structure include:

- Systems Support
- Operational Support
- Training Support

6.4.1 *Systems Support*

The Production Support CADD Office manages and coordinates the testing, selection, procurement, and maintenance of the supported CADD applications with assistance from the district CADD Managers and/or OIT personnel assigned to support CADD.

6.4.2 *Operational Support*

The Production Support CADD Office manages and coordinates the development, enhancement and support of the CADD software applications used by the engineering community to perform the Department's CADD production with assistance from the district CADD Managers and/or OIT personnel assigned to support CADD.

6.4.3 *Training Support*

The Production Support CADD Office manages and coordinates the provision of CADD technical materials and education to assist in maintaining user proficiency with assistance from the district CADD Managers and/or OIT personnel assigned to support CADD.

6.5 HIERARCHY OF CADD SUPPORT

The CADD statewide support structure provides for the handling of support at different levels for each of the support components. Users must seek support at the lowest level before escalating a support request to the next level. The Production Support CADD Office maintains the [CADD Customer Support Guide](#) to provide users quick access to detailed product support information and training resources.

6.5.1 *Systems Support*

- **First Level:** The First Level of Systems Support is the District staff. The CADD Manager and/or District CADD IT contact are the primary liaisons with the Production Support CADD Office for addressing CADD systems issues. District CADD systems support activities involving the CADD Manager and/or OIT personnel include the following:
 - Assist with identifying the users' hardware and software needs.
 - Distribute and setup equipment and CADD software.
 - Provide input for the statewide procurement.
 - Provide day-to-day technical support of the computer hardware and CADD software systems used in the District.
- **Second Level:** The Second Level of Systems Support is the OIT staff. The OIT support responsibilities include the following:
 - Manage the budget for procurement of CADD hardware.
 - Procure CADD hardware and maintenance.
 - Provide inventory management associated with the statewide CADD hardware.
 - Provide as-needed technical support of the hardware.

6.5.2 Operational Support

- **First Level:** The First Level of Operational Support is through your own Peer Support.
Second Level: The Second Level of Operational Support is through the Technical Advisory Committee (TAC) Members Support, who represents the districts and disciplines on task teams to communicate and resolve support issues of statewide interest. Contact information can be found on the Production Support CADD Office website: [CADD Technical Advisory Committees \(TACs\)](#)
- **Third Level:** The Third Level of Operational Support is District Support Staff, including, but not limited to your: CADD Managers, CADD IT contacts, and engineering services personnel. These support personnel, collectively, are responsible for supporting the core CADD software products for each respective district.
- **Fourth Level:** The Fourth Level of Operational Support is the Production Support CADD Office support staff. The Production Support CADD Office is responsible for the Department's CADD application development, enhancements, and support to provide or procure required vendor services, as necessary, for user assistance.

6.5.3 Training Support

The Production Support CADD Office manages and coordinates a statewide CADD Training Plan for the Department's personnel. Training instructors will be pulled from the Department's Central Office Experts or from the augmented Training Support Contracts specifically setup for this training. The CADD Training Plan will cover all Software platforms and will offer three (3) areas of training format opportunities:

- **CADD Regional Training** – Full scheduled workflow instructor-led curriculum
- **CADD Academy Training** – Full scheduled workflow web-based curriculum set in the Department's statewide Learning Curve system.
- **District Al la carte Training** – One (1) Week per district of Project based hands-on training coordinated by each district with the Production Support CADD Office to schedule as needed.

The CADD Training Plan will encompass the core CADD Software and CADD production procedures. The District CADD Managers, District and Unit Training Coordinators, and/or OIT personnel assigned to support CADD are responsible for respective District CADD training coordination.

The Production Support CADD Office maintains the [CADD Customer Support Guide](#) to provide users quick access to detailed product support information and training resources, including CADD Links, Events, CADD Support Community, Training Course Guides with datasets, Live & Recorded Webinars, Contact Mail Alert System, FDOT Training YouTube Channel, etcetera.

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Chapter 7

SOFTWARE DEVELOPMENT AND DISTRIBUTION

7.1 PURPOSE

This chapter establishes how Florida Department of Transportation (Department) Computer Aided Design and Drafting (CADD) software is developed, tested, approved and distributed.

7.2 SCOPE

This chapter applies to all of the Department's supported CADD Software products procured or developed to produce the Department's projects and covers the steps used to develop, test, approve and distribute these CADD Software products. This CADD Software is the responsibility of the Production Support CADD Office (CADD) and other designated offices.

7.3 DEFINITIONS

Alpha Testing: Initial testing of CADD software products or enhancements by the development staff and testing by the support staff outside of the development environment.

Beta Testing: Secondary testing of CADD software products performed in a production-like environment by end-users.

Beta Testing Coordinator: An individual responsible for facilitating the beta testing of CADD software.

7.4 DEVELOPMENT

Development encompasses new CADD software applications, enhancements to existing CADD software (added features), and the maintenance releases (bug fixes) of CADD software. Development is based upon needs identification and may include the purchase of commercial software when appropriate.

CADD software needs are communicated to the CADD by user requests or by Technical Advisory Committee(s) (TACs). The CADD also identifies needs based upon experiences with CADD support activities and the evolution of trends in the CADD software industry.

Development request specifications compiled by CADD may be coordinated with the appropriate TAC(s), CADD Managers and OIT personnel assigned to support CADD.

7.4.1 *Development or Acquisition*

The Statewide CADD Coordinator will decide whether to develop CADD software in-house, contract for development services, or purchase a CADD software commodity. The CADD will keep the user community informed as to procurement status (including training and implementation schedules) of major CADD development projects of statewide interest.

7.5 SOFTWARE UPDATES

The Department's Computer Aided Design and Drafting (CADD) Software is upgraded periodically and as needed to issue enhancements and fixes. Updates occur for major releases (generally released when major upgrades to platform CADD software by our vendors becomes available), or when major upgrades to the Department's design standards are implemented. Interim Maintenance Releases and Hot fixes (released as required) are available for download from the CADD internet website. Notification of new releases and updates are posted on the CADD website, via the Department's *Contact Mailer* application, during training sessions, and notified through other venues as appropriate.

The Department supports both Bentley's PowerGEOPAK (or MicroStation and GEOPAK Suite) and Autodesk's AutoCAD Civil 3D as the standard roadway design platforms. Regardless whether Bentley's or Autodesk's design software is used, efforts are made to maintain similar standards and deliverables so the resulting product is consistent, predictable, and repeatable (CPR).

7.6 SOFTWARE TESTING

CADD, or the designated office, performs alpha testing of CADD software products during software development as required. Beta testing is to be performed prior to the general release of CADD software. The CADD will track the progress of Beta testing.

When alpha testing demonstrates CADD software is believed to be in working order for the features intended, the software will be beta tested by end users prior to release. The "beta testing coordinator," from the CADD or the designated office, will facilitate these activities.

The beta testing by any of the Department's disciplines must only be initialized following review and approval by either the CADD Manager or CADD IT contacts.

The request for approval to proceed with beta testing, based on the appropriate recommendation, will be initialized by CADD.

Each major CADD Application has a primary support contact assigned by the CADD. This person, or their delegate, may also serve as the Beta Testing Coordinator.

7.7 TAC REVIEW AND RECOMMENDATION

CADD may coordinate with the TACs seeking recommendation for distribution and production use after conclusion of Beta testing.

7.8 CADD PRODUCT APPROVAL AND DISTRIBUTION

Major CADD Software releases are approved by CADD and notification to the Technology Services and Support Managers are made using the Software Distribution Notification Application (SDNA). CADD may also use other means of notification for CADD Managers, CADD IT Contacts and Consultants.

The CADD Managers and/or CADD IT Contacts are responsible for distributing the approved software for production use to the end users. External distribution will be at the discretion of CADD.

In most cases, users are expected to operate the most contemporary version of the Department's CADD Software release on Department projects, unless otherwise exempted by either the project's Scope of Services or a written exemption by the Department's Project Manager.

Consultants can acquire the Department's CADD Software, fixes and upgrades from the CADD internet website: <http://www.fdot.gov/cadd/downloads/software/software.shtm>

7.9 MINIMUM SYSTEM REQUIREMENTS

The current Department's CADD Software was developed and tested for the Department's standard workstation configurations. This standard configuration is published in the *Adopted Information Technology Resource Standards* and is available from the Department's Office of Information Technology (OIT) intranet website.

The Department's CADD Software is listed on CADD Current Version website:

<http://www.fdot.gov/cadd/main/Version/CurrentVersions.shtm>.

Other software configurations may operate with the Department's CADD Software. Use and support of the Department's CADD Software on other configurations are the sole responsibility of the user.

7.10 TRANSLATION OF FILES

The Department requires MicroStation DGN format (V8 and higher) or AutoCAD .DWG format (2014 or higher) for the delivery of all design files, except as specifically defined in subsequent *CADD Manual* chapters for specific disciplines.

The data producer is solely responsible for any translation required for delivery to the Department. The accuracy of translation of the design files and adherence to the standards and specifications contained herein, including the validity of the geometric elements, is the sole responsibility of the person performing the translation.

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Chapter 8

QUALITY ASSURANCE

8.1 PURPOSE

This chapter establishes the basis for Quality Assurance (QA) monitoring of the Florida Department of Transportation (Department) District Computer Aided Design and Drafting (CADD) functions, including the areas of responsibility, frequency of monitoring and reporting methods.

Offices under the direction of the Department's Chief Engineer are responsible for determining the critical QA requirements for their functional areas and develop plans to monitor those requirements. The Production Support CADD Office (CADD) defines the critical Quality requirements for deliverables in this Manual. These include standard file formats and components for data delivery, adherence to a standard Project folder structure, file naming conventions and CADD Standards for electronic files. CADD also establishes a QA monitoring plan for CADD to facilitate compliance with these deliverable requirements.

8.2 AUTHORITY

Section 20.23(3), Florida Statutes (F.S.) states that the Department must ensure quality and monitor implementation of policies and procedures.

Quality Assurance and Quality Control Policy, Topic No. 001-260-001 states that it is the policy of the Department to use a systematic but flexible approach to Quality Assurance (QA) and Quality Control (QC) to monitor work processes to implement laws, rules, procedures, policies and standards. This is intended to ensure compliance and quality performance by the Central Office and District units responsible for the delivery of transportation products, services and information.

8.3 SCOPE

Each central office function has the responsibility of monitoring the implementation of policies, procedures and standards established for their respective processes. This Manual applies to all CADD functions and will be monitored.

8.4 REFERENCES

[Section 20.23\(3\), Florida Statutes \(F.S.\)](#)

[Quality Assurance and Quality Control Policy, Topic No. 001-260-001](#)

8.5 DEFINITIONS

Critical Area: Those steps in the CADD process where significant problems may be introduced unless the production criteria and standards are followed.

Critical Requirement: A decision, standard or process operation that will substantially and negatively affect the quality of the product or results if omitted or not performed to the expected level.

Compliance Indicator: Evidence that the critical requirements which are being applied are producing the desired result.

Monitoring Plan: A QA work plan for CADD developed with District input that identifies what, where, when and how monitoring, reporting, tracking and follow up are to be performed.

Quality Assurance (QA): The planned, coordinated and continued activities performed to measure processes against predetermined critical requirements.

Quality Control (QC): The planned, integrated activities performed during work processes to ensure completeness, accuracy, proper decision making, and conformance with all other valid requirements.

Quality Control (QC) Reports: Reports that must be included with the final project delivery, including the Compliance Certification Checklist Report and all reports listed therein. Some reports are produced by software within the Department's CADD Software Suite.

8.6 QA MONITORING PLAN

The QA Monitoring Plan identifies the critical areas of CADD to be monitored, critical requirements and the criteria to measure process compliance. Compliance indicators will be used by the CADD to determine how well the process is performing.

The monitoring plan provides the method for monitoring CADD processes, the frequency of team visits, the method for reporting and sharing monitored results with the districts, and the method for tracking and eliminating non-compliance issues.

The plan covers the major delivery requirements in this Manual, but users are reminded that quality CADD production is the result of performing many individual CADD activities correctly and in accordance with the current criteria and standards.

The *CADD Quality Assurance Monitoring Plan* is published on the Department's SharePoint per Department policy.

8.7 ACCOUNTABILITY

Production units must follow the procedures for preparing plans and maps. Each district must establish quality compliance indicators for all projects and monitor performance and compliance using those indicators. Consultants are agents of the Department and are responsible for the quality of projects they prepare. They must comply with the Department's *CADD Manual* and must perform QC activities to ensure the completeness and accuracy of services performed for the Department.

8.8 QUALITY ASSURANCE (QA) REVIEWS

CADD QA Reviews will be conducted per Department requirements. The CADD will report the results of these reviews to the District Secretary. Measuring compliance with the critical requirements as outlined in the *CADD Quality Assurance Monitoring Plan* will be the purpose of these reviews.

8.9 QUALITY CONTROL (QC) – DATA PRODUCERS’ ROLE

Each district must maintain an established review process to determine and report the quality and compliance levels of project data. Each district is also responsible for having a management plan for quality control of the Delivery with the expectation that quality control plans comply with this Manual.

The Department provides tools to help ensure the creation of a standard Project folder structure, standard file names and the standard level symbology for all design files. The Department provides QC software to check a design file’s adherence to the Department’s level-symbology standards at any time during the production phase of the project. Tools are listed below:

- **FileChecker** – Provides reporting for certain portions of the Delivery compliance with standards and business rules.
- **QC Software** – The *QC Inspector* contains tools used to check, correct and report the compliancy of elements within any design file against the Department’s CADD Standards. All checking and reporting is performed in real time and the results recorded into reporting documents that are saved to the current active project.

8.10 QUALITY ASSURANCE (QA) – CENTRAL OFFICE ROLE

The CADD Quality Assurance Reviews (QAR) is to monitor the districts’ individual QC Plans. QA also encourages continuous improvement through sharing both ideas and improved technology advances.

Districts will be expected to ensure that their own Process Management Plan is in place for Delivery and that projects comply with that process.

The QAR of the Districts’ will be conducted periodically following the CADD QA monitoring plan. Reports are distributed to the District Secretaries and other affected offices.

Appendix A – CADD Standard Rule Tables

The *Appendix A* of the CADD Manual holds the complete set of tables for all of the FDOT CADD Standard Rules used to check compliancy of all design files created for FDOT projects. These tables are expanded listings of all FDOT Standard Levels valid for each FDOT Standard Rule. The *Appendix A* document can be access as needed by CADD users from the following link:

[CADD Manual - Appendix A - CADD Standard Rule Tables](#)

Appendix A – CADD Standard Rule Tables

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APPENDIX A

CADD STANDARD RULE TABLES

Note Platform Designation – (A) Autodesk Only; (B) Bentley Only; (Blank) Both Platforms

ALGNRD - Alignment Design

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	alnrd	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	alnrd	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		alnrd	BaselineSurvey	Baseline Survey	0	0 / Continuous	2
		alnrd	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
		alnrd	ClipBorder_dp	CLIP Border and Civil 3D View Frame	4	2 / DGN2	0
	B	alnrd	ClipDrawingBound_dp	CLIP Drawing Boundary	3	3 / DGN3	0
		alnrd	COGO_dp	COGO Information	3	0 / Continuous	1
		alnrd	ConstLines	Construction Lines and References	1	0 / Continuous	0
		alnrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
		alnrd	CurveData_dp	Curve and Coordinate Data Elements Including PC, PT, PI Symbols	4	0 / Continuous	2
		alnrd	CurveDataLabel_dp	Curve Data Labels PC,PI, PT	0	0 / Continuous	2
		alnrd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		alnrd	EaseLicLine	Easement License Agreement Line	0	RW-License	1
		alnrd	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		alnrd	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		alnrd	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
		alnrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		alnrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		alnrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		alnrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
		alnrd	MatchLines_dp	Match Lines with Text, Arrows for Station Notations	1	0 / Continuous	2
		alnrd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		alnrd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		alnrd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		alnrd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		alnrd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		alnrd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		alnrd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		alnrd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		alnrd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		alnrd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		alnrd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		alnrd	NorthArw_dp	North Arrows	0	0 / Continuous	2

Critical Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	algnrd	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X	algnrd	PlotBorder_dp	Plot Border	3	0 / Continuous	0
	algnrd	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
	algnrd	RoadwayMisc	Roadway Items (Miscellaneous)	4	0 / Continuous	2
	algnrd	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2
	algnrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
	algnrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
	algnrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
	algnrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101	algnrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
	algnrd	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
	algnrd	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
	algnrd	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
	algnrd	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
	algnrd	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
	algnrd	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
	algnrd	SpecialDetails	Special Details	6	0 / Continuous	1
	algnrd	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
	algnrd	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
B	algnrd	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
B	algnrd	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
B	algnrd	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
A	algnrd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
	algnrd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
	algnrd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
	algnrd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
	algnrd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
	algnrd	TextLabel	Text - Label	0	0 / Continuous	2
	algnrd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
	algnrd	TextMajor	Text - Major	0	0 / Continuous	5
	algnrd	TextMinor	Text - Minor	0	0 / Continuous	0
	algnrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
	algnrd	TextNotes	Text - Notes	4	0 / Continuous	1
	algnrd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
	algnrd	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
	algnrd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
	algnrd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
	algnrd	TextTitle	Text - Title	0	0 / Continuous	3
	algnrd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X	algnrd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X	algnrd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
A	algnrd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
A	algnrd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	A	algnrd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	algnrd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	algnrd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		algnrd	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1

AUTOSP - AutoTURN

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	autosp	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	autosp	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		autosp	ATDims	AutoTurn Profile Dimensions, Tire Envelope	1	0 / Continuous	1
		autosp	ATTText	AutoTurn Profile and TT Dimensions, Annotation, TT Overhang	0	0 / Continuous	1
		autosp	ATVHP	AutoTurn Temporary Profile for Building Custom Type	1	0 / Continuous	1
		autosp	COGO_dp	COGO Information	3	0 / Continuous	1
		autosp	ConstLines	Construction Lines and References	1	0 / Continuous	0
		autosp	ConstLines_pm	Construction Lines	4	0 / Continuous	0
		autosp	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		autosp	EaseLicLine	Easement License Agreement Line	0	RW-License	1
		autosp	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		autosp	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		autosp	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
		autosp	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		autosp	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		autosp	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		autosp	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
		autosp	MatchLines_dp	Match Lines with Text, Arrows for Station Notations	1	0 / Continuous	2
		autosp	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		autosp	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		autosp	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		autosp	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		autosp	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		autosp	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		autosp	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		autosp	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		autosp	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		autosp	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		autosp	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		autosp	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		autosp	PlotBorder_dp	Plot Border	3	0 / Continuous	0
		autosp	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
		autosp	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
		autosp	RoadwayMisc	Roadway Items (Miscellaneous)	4	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		autosp	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		autosp	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		autosp	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		autosp	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		autosp	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		autosp	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		autosp	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		autosp	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		autosp	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		autosp	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		autosp	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
		autosp	SpecialDetails	Special Details	6	0 / Continuous	1
B		autosp	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
B		autosp	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
B		autosp	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
A		autosp	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
		autosp	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		autosp	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		autosp	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		autosp	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		autosp	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		autosp	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		autosp	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		autosp	TextLabel	Text - Label	0	0 / Continuous	2
		autosp	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		autosp	TextMinor	Text - Minor	0	0 / Continuous	0
		autosp	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		autosp	TextNotes	Text - Notes	4	0 / Continuous	1
		autosp	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		autosp	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		autosp	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		autosp	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		autosp	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		autosp	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		autosp	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		autosp	TextTitle	Text - Title	0	0 / Continuous	3
		autosp	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		autosp	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		autosp	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X		autosp	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		autosp	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
		autosp	TurningEle_dp	Turning Radius Elements (Miscellaneous)	4	0 / Continuous	1
		autosp	TurningRadius_dp	Turning Radius Line	3	3 / DGN3	1
		autosp	Vehicle	Vehicle for Calculating Turning Radius	7	0 / Continuous	2
	A	autosp	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
	A	autosp	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	A	autosp	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	autosp	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	autosp	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		autosp	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1
		autosp	XSPT_ep	Cross Section Point, Station (Existing)	2	1 / DGN1	0

CLIPRD - Clip Border

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	cliprd	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	cliprd	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		cliprd	ClipBorder_dp	CLIP Border and Civil 3D View Frame	4	2 / DGN2	0
	B	cliprd	ClipDrawingBound_dp	CLIP Drawing Boundary	3	3 / DGN3	0
		cliprd	Cloud_dp	Construction Cloud	7	0 / Continuous	2
		cliprd	COGO_dp	COGO Information	3	0 / Continuous	1
		cliprd	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		cliprd	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
		cliprd	ConstLines	Construction Lines and References	1	0 / Continuous	0
		cliprd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
		cliprd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		cliprd	EaseLicLine	Easement License Agreement Line	0	RW-License	1
		cliprd	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		cliprd	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		cliprd	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
		cliprd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		cliprd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		cliprd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		cliprd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
		cliprd	MatchLines_dp	Match Lines with Text, Arrows for Station Notations	1	0 / Continuous	2
		cliprd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		cliprd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		cliprd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		cliprd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		cliprd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		cliprd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		cliprd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		cliprd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		cliprd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		cliprd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		cliprd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		cliprd	NorthArw_dp	North Arrows	0	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		cliprd	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		cliprd	PlotBorder_dp	Plot Border	3	0 / Continuous	0
		cliprd	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
		cliprd	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
		cliprd	RoadwayMisc	Roadway Items (Miscellaneous)	4	0 / Continuous	2
		cliprd	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2
		cliprd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		cliprd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		cliprd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		cliprd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		cliprd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		cliprd	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		cliprd	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		cliprd	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		cliprd	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		cliprd	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		cliprd	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
		cliprd	SpecialDetails	Special Details	6	0 / Continuous	1
B		cliprd	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
B		cliprd	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
B		cliprd	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
A		cliprd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
		cliprd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		cliprd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		cliprd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		cliprd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		cliprd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		cliprd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		cliprd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		cliprd	TextLabel	Text - Label	0	0 / Continuous	2
		cliprd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		cliprd	TextMajor	Text - Major	0	0 / Continuous	5
		cliprd	TextMinor	Text - Minor	0	0 / Continuous	0
		cliprd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		cliprd	TextNotes	Text - Notes	4	0 / Continuous	1
		cliprd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		cliprd	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		cliprd	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		cliprd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		cliprd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		cliprd	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		cliprd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		cliprd	TextTitle	Text - Title	0	0 / Continuous	3
		cliprd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		cliprd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		cliprd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X		cliprd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		cliprd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
	A	cliprd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
	A	cliprd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	cliprd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	cliprd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	cliprd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		cliprd	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1

DRDTRD - Drainage Detail

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	drdtrd	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	drdtrd	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
X		drdtrd	ArtificialCovering	Artificial Coverings	10	0 / Continuous	2
X		drdtrd	Berm	Berm (Top, Front, or Back)	10	0 / Continuous	2
X		drdtrd	BoxCulvert	Box Culvert	10	0 / Continuous	2
X		drdtrd	Canal	Canal	7	0 / Continuous	1
X		drdtrd	CatchBasin	Catch Basin	10	0 / Continuous	2
		drdtrd	Cloud_dp	Construction Cloud	7	0 / Continuous	2
		drdtrd	COGO_dp	COGO Information	3	0 / Continuous	1
		drdtrd	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		drdtrd	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
		drdtrd	ConstLines	Construction Lines and References	1	0 / Continuous	0
		drdtrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
X		drdtrd	ContoursMinor	Contour Lines Minor	4	0 / Continuous	2
X		drdtrd	DesiltingPipes	De-silting Pipes	10	0 / Continuous	2
		drdtrd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		drdtrd	Ditch	Ditch Top	7	6 / DGN6	1
X		drdtrd	DitchBot	Ditch Bottom	10	0 / Continuous	2
X		drdtrd	DitchPavt	Ditch Pavement Including Quantity Shapes	3	0 / Continuous	1
		drdtrd	DitchProfLt_er	Ditch Profile Left (Existing)	8	3 / DGN3	1
		drdtrd	DitchProfLt_pr	Ditch Profile Left	8	0 / Continuous	1
		drdtrd	DitchProfMdn_er	Ditch Profile Median (Existing)	10	3 / DGN3	1
		drdtrd	DitchProfMdn_pr	Ditch Profile Median	10	0 / Continuous	1
		drdtrd	DitchProfRt_er	Ditch Profile Right (Existing)	9	3 / DGN3	1
		drdtrd	DitchProfRt_pr	Ditch Profile Right	9	0 / Continuous	1
		drdtrd	DrainDivideArw	Drainage Divide Arrow	0	0 / Continuous	1
		drdtrd	DrainDivides00	Drainage Divides	10	2 / DGN2	4

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		drdtrd	DrainDivides00_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drdtrd	DrainDivides01	Drainage Divides	10	2 / DGN2	4
		drdtrd	DrainDivides01_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drdtrd	DrainDivides02	Drainage Divides	10	2 / DGN2	4
		drdtrd	DrainDivides02_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drdtrd	DrainDivides03	Drainage Divides	10	2 / DGN2	4
		drdtrd	DrainDivides03_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drdtrd	DrainDivides04	Drainage Divides	10	2 / DGN2	4
		drdtrd	DrainDivides04_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drdtrd	DrainDivides05	Drainage Divides	10	2 / DGN2	4
		drdtrd	DrainDivides05_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drdtrd	DrainDivides06	Drainage Divides	10	2 / DGN2	4
		drdtrd	DrainDivides06_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drdtrd	DrainDivides07	Drainage Divides	10	2 / DGN2	4
		drdtrd	DrainDivides07_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drdtrd	DrainDivides08	Drainage Divides	10	2 / DGN2	4
		drdtrd	DrainDivides08_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drdtrd	DrainDivides09	Drainage Divides	10	2 / DGN2	4
		drdtrd	DrainDivides09_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drdtrd	DrainMisc	Drainage Items (Miscellaneous)	10	0 / Continuous	1
		drdtrd	DrainMisc_pm	Drainage Items (Proposed Model) (Miscellaneous)	10	0 / Continuous	1
X		drdtrd	DrainStruct	Drainage Structure in Plan	10	2 / DGN2	2
X		drdtrd	DrainStruct_pr	Drainage Structures (All Types)	10	0 / Continuous	2
X		drdtrd	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		drdtrd	EasePerpLine	Easement Lines Perpetual	4	RW-PerpetualEasement	2
X		drdtrd	EaseTempLine	Easement Lines Temporary	6	RW-TemporaryEasement	1
X		drdtrd	EdgeDrain	Edge Drain, Material and Outlet Pipe	10	0 / Continuous	2
X		drdtrd	Endwall	Endwall (All Types)	10	0 / Continuous	2
		drdtrd	Fence_ex	Fence Lines on Cross Sections (Existing)	6	3 / DGN3	1
X		drdtrd	FES	Flared End Sections	10	0 / Continuous	2
X		drdtrd	FlapGate	Flap Gates	10	0 / Continuous	2
X		drdtrd	FlowLine	Flow Line	10	0 / Continuous	2
		drdtrd	FlowLine_pr	Flow Line (Roadway Profile View)	0	0 / Continuous	2
X		drdtrd	FrenchDrain	French Drain	10	0 / Continuous	2
X		drdtrd	GovSectionLine_ep	Government: Section Lines (Existing)	3	RW-SectionLine	2
X		drdtrd	GovTwpRgeLine_ep	Government:Township and Range Government Survey Line	2	RW-TownshipRange	3
B		drdtrd	GPKDrBack_dp	Back Point on Drainage Cells	2	2 / DGN2	2
B		drdtrd	GPKDrBottom_dp	Bottom Point on Drainage Cells	3	3 / DGN3	2
B		drdtrd	GPKDrCellIns_dp	Cell Insertion Point on Drainage Cells	4	4 / DGN4	2
B		drdtrd	GPKDrCentroid_dp	Point on Centroid for Drainage	7	7 / DGN7	2
B		drdtrd	GPKDrElv	Location Point for Drainage Cells	5	5 / DGN5	2
B		drdtrd	GPKDrFront_dp	Front Point on Drainage Cells	1	1 / DGN1	2
B		drdtrd	GPKDrPipe_dp	Point on Drainage Pipe	6	6 / DGN6	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	drdtrd	GPKDrPipeCir_dp	Point on Pipe Circular	6	6 / DGN6	0
		drdtrd	GradeLine_er	Grade Line Profile (Existing)	2	2 / DGN2	1
		drdtrd	GradeLine_pr	Grade Line Profile	5	0 / Continuous	2
		drdtrd	GradeLineCtr_dp	Grade Line Profile Center (Shown in Plan View)	5	0 / Continuous	0
		drdtrd	GradeLineCtr_pr	Grade Line Profile Center	5	0 / Continuous	2
		drdtrd	GradeLineLt_dp	Grade Line Profile Left (Shown in Plan View)	1	0 / Continuous	0
		drdtrd	GradeLineLt_er	Grade Line Profile Left (Existing)	1	2 / DGN2	1
		drdtrd	GradeLineLt_pr	Grade Line Profile Left	1	0 / Continuous	2
		drdtrd	GradeLineRt_dp	Grade Line Profile Right (Shown in Plan View)	4	0 / Continuous	0
		drdtrd	GradeLineRt_er	Grade Line Profile Right (Existing)	4	2 / DGN2	1
		drdtrd	GradeLineRt_pr	Grade Line Profile Right	4	0 / Continuous	2
		drdtrd	GradeSecPat	Grade Section Patterns	0	0 / Continuous	0
		drdtrd	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		drdtrd	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		drdtrd	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
		drdtrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		drdtrd	InletBottomJ	Inlet Bottom Type J	10	0 / Continuous	1
X		drdtrd	InletBottomP	Inlet Bottom Type P	10	0 / Continuous	1
X		drdtrd	InletClosedFlume	Closed Flume Inlet	10	0 / Continuous	2
X		drdtrd	InletCurb	Curb Inlet (All Types)	10	0 / Continuous	2
X		drdtrd	InletDBI	Ditch Bottom Inlet (All Types)	10	0 / Continuous	2
X		drdtrd	InletGutter	Gutter Inlet (All Types)	10	0 / Continuous	2
X		drdtrd	InletMedian	Median Barrier Inlet	10	0 / Continuous	2
X		drdtrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
X		drdtrd	LARWLine	Limited Access Right of Way Lines	4	RW-LimitedAccess-Proposed	3
X		drdtrd	LARWLine_ep	Limited Access Right of Way Lines (Existing)	7	RW-LimitedAccess-Existing	0
		drdtrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		drdtrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
X		drdtrd	Manhole	Manhole (Drainage and Unknown)	10	0 / Continuous	2
X		drdtrd	MES	Mitered End Section	10	0 / Continuous	2
		drdtrd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		drdtrd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		drdtrd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		drdtrd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		drdtrd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		drdtrd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		drdtrd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		drdtrd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		drdtrd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		drdtrd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		drdtrd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		drdtrd	PatternLines1_dp	Pattern Lines on Cross Sections and All Autodesk (Civil 3D) Tables	3	0 / Continuous	2
		drdtrd	PatternLines2_dp	Pattern Lines on Cross Sections Alternate for Side Streets, CriticalCross Sections or Drainage Structures	4	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		drdtrd	PatternLines3_dp	Pattern Lines on Cross Sections Alternate for Side Streets, Critical Cross Sections or Drainage Structures	5	0 / Continuous	2
		drdtrd	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
		drdtrd	Permit1	Permit 1 Wetlands, Mitigation Sites, Planting Areas	1	0 / Continuous	1
		drdtrd	Permit2	Permit 2 Wetlands, Mitigation Sites, Planting Areas	2	0 / Continuous	1
		drdtrd	Permit3	Permit 3 Wetlands, Mitigation Sites, Planting Areas	4	0 / Continuous	1
X		drdtrd	PipeCulvert	Pipe Culvert in Plan	10	0 / Continuous	2
		drdtrd	PipeCulvert_ep	Pipe Culvert (Existing)	10	3 / DGN3	1
X		drdtrd	PipeCulvert_pr	Pipe Culvert in Profile	10	0 / Continuous	2
X		drdtrd	PipeCulvert_px	Pipe Culvert on Cross Section View	10	0 / Continuous	2
X		drdtrd	PipeCulvertCD	Pipe Culvert Cross Drain	10	0 / Continuous	2
X		drdtrd	PipeCulvertGD	Pipe Culvert Gutter Drain	10	0 / Continuous	2
X		drdtrd	PipeCulvertSD	Pipe Culvert Side Drain	10	0 / Continuous	2
X		drdtrd	PipeCulvertSS	Pipe Culvert Storm Sewer	10	0 / Continuous	2
X		drdtrd	PlotBorder_dp	Plot Border	3	0 / Continuous	0
		drdtrd	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
X		drdtrd	Pond_px	Pond Lines on Cross Sections	2	0 / Continuous	2
X		drdtrd	PondSideSlope	Pond Side Slope	0	0 / Continuous	2
X		drdtrd	PropertyLine_ep	Property Lines (Existing)	7	0 / Continuous	0
		drdtrd	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X		drdtrd	RetentionArea	Retention Area	2	0 / Continuous	2
X		drdtrd	RipRap	Rip Rap, Rubble	4	0 / Continuous	2
X		drdtrd	RockGravelStone	Rock, Gravel, Stone, Boulders, Etc.	1	0 / Continuous	2
X		drdtrd	RWLine	Right of Way Lines	4	RW-Proposed	3
X		drdtrd	RWLine_ep	Right of Way Lines (Existing)	7	RW-Existing	0
		drdtrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		drdtrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		drdtrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		drdtrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		drdtrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
X		drdtrd	SedimentBasin	Sediment Basin Index 101	10	0 / Continuous	2
X		drdtrd	SedimentBasin_ep	Sediment Basin Index 101 (Existing)	10	3 / DGN3	1
		drdtrd	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		drdtrd	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		drdtrd	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		drdtrd	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		drdtrd	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		drdtrd	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
X		drdtrd	SlideGate	Slide Gate	10	0 / Continuous	2
X		drdtrd	Slopes	Slopes (Top, Bottom)	9	3 / DGN3	0
X		drdtrd	SlopeStakes1	Slope Stakes 1	4	1 / DGN1	3
X		drdtrd	SlopeStakes2	Slope Stakes 2	1	1 / DGN1	3
X		drdtrd	SlottedDrainPipe	Slotted Drain Pipe	10	0 / Continuous	1
X		drdtrd	SlottedStormSewer	Storm Sewer (Slotted or Perforated)	10	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		drdtrd	SpecialDetails	Special Details	6	0 / Continuous	1
		drdtrd	SpecialDetails_px	Special Details on Cross Sections	6	0 / Continuous	1
X		drdtrd	Spillway	Spillway/ Flume/ Slope Drain	10	0 / Continuous	2
X		drdtrd	StormSewer	Storm Sewer (All Types), Drain Pipes and Spouts	10	0 / Continuous	2
	B	drdtrd	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
	B	drdtrd	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
	B	drdtrd	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
	A	drdtrd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
X		drdtrd	TerrainLine_ex	Ground Line for Multiline on Cross Sections (Existing)	5	0 / Continuous	1
		drdtrd	TextAlert	Text - Alert Label to Highlight a Problem	3	0 / Continuous	2
		drdtrd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		drdtrd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		drdtrd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		drdtrd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		drdtrd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		drdtrd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		drdtrd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		drdtrd	TextLabel	Text - Label	0	0 / Continuous	2
		drdtrd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		drdtrd	TextMajor	Text - Major	0	0 / Continuous	5
		drdtrd	TextMinor	Text - Minor	0	0 / Continuous	0
		drdtrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		drdtrd	TextNotes	Text - Notes	4	0 / Continuous	1
		drdtrd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		drdtrd	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		drdtrd	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		drdtrd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		drdtrd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		drdtrd	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		drdtrd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		drdtrd	TextTitle	Text - Title	0	0 / Continuous	3
		drdtrd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		drdtrd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		drdtrd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X		drdtrd	Trench	Storm Sewer Trench	10	0 / Continuous	2
X		drdtrd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
		drdtrd	TurbidityBarrier1_ep	Turbidity Barrier 1 (Floating) (Existing)	10	1 / DGN1	2
X		drdtrd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
		drdtrd	TurbidityBarrier2_ep	Turbidity Barrier 2 (Staked) (Existing)	10	1 / DGN1	2
X		drdtrd	UnderDrain	Underdrains (All Types)	10	0 / Continuous	2
X		drdtrd	UnderDrainOP	Underdrains Outlet Pipes	10	0 / Continuous	2
	A	drdtrd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
		drdtrd	Wetland	Wetland Boundary	2	RD-Wetland-Proposed	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	A	drdtrd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	drdtrd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	drdtrd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	drdtrd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		drdtrd	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1
X		drdtrd	XSExtendGrdLine_ex	Cross Section Extend Ground Lines (Existing)	21	2 / DGN2	1
X		drdtrd	XSGrdLine_ex	Cross Section Ground Lines (Existing)	2	2 / DGN2	1
X		drdtrd	XSGrdLine_px	Cross Section Roadway Ground Lines	1	0 / Continuous	2
		drdtrd	XSPatterlines_ep	Cross Section Chain (Existing)	2	1 / DGN1	0
		drdtrd	XSPt_ep	Cross Section Point, Station (Existing)	2	1 / DGN1	0
X		drdtrd	YardDrain	Yard Drain	10	3 / DGN3	1

DREXRD - Existing Drainage

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		drexrd	Basins_ep	Sediment Basin, Retention Ponds (Existing)	10	3 / DGN3	1	L	BAS
		drexrd	BoxCulvert_ep	Box Culverts (Existing)	10	3 / DGN3	1	L	BXC
		drexrd	CatchBasin_ep	Catch Basins (Existing)	10	3 / DGN3	1	L	CB
		drexrd	ConstLines	Construction Lines and References	1	0 / Continuous	0		
		drexrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0		
		drexrd	Ditch_ep	Ditch (Top, Bottom and Flow Lines) (Existing)	7	6 / DGN6	0	L	DTCH
		drexrd	DitchPavt_ep	Ditch Pavement (Existing)	0	1 / DGN1	0	L	DTCHP
		drexrd	DrainGrate_ep	Metal Drainage Grate within Concrete Structure (Existing)	10	1 / DGN1	1	L	GRT
		drexrd	DrainJnctBox_ep	Drainage Junction Box (Existing)	10	3 / DGN3	1	L	JB
		drexrd	DrainMisc_ep	Drainage Items (Miscellaneous)	10	3 / DGN3	1		
		drexrd	DrainPipes_ep	Drainage Pipes and Spouts (Existing)	10	3 / DGN3	1	L	DRNP
		drexrd	DrainSpecial_ep	Special Drainage Feature (Describe) (Existing)	10	3 / DGN3	1	L	SPD
		drexrd	DrainSpillway_ep	Spillways, Flumes or Scuppers (Existing)	10	3 / DGN3	1	L	SPL
		drexrd	EndTreatFES_ep	Flared End Section (Existing)	10	3 / DGN3	1	L	FES
		drexrd	EndTreatMES_ep	Mitered End Section (Existing)	10	3 / DGN3	1	L	MES
		drexrd	EndTreatSEW_ep	Straight Endwall (Existing)	10	3 / DGN3	1	L	SEW
		drexrd	EndTreatSPEW_ep	Special Endwall (Existing)	10	3 / DGN3	1	L	SPEW
		drexrd	EndTreatUEW_ep	U-Type Endwall (Existing)	10	3 / DGN3	1	L	UEW
		drexrd	EndTreatWEW_ep	Winged Endwall (Existing)	10	3 / DGN3	1	L	WEW
		drexrd	FlowLine_ep	Ditch Flow Line Direction (Ditches, Swells, etc.) (Existing)	0	RD-FlowLine	1	L	DFL
		drexrd	FlowlineInvert_ep	Flow Line or Invert Elevations (Existing)	4	0 / Continuous	0	P	INV
		drexrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0		
		drexrd	InletBottom_ep	Drainage Structure Bottoms (Existing)	10	3 / DGN3	1	L	DRNB
		drexrd	InletCurb_ep	Curb Inlets (Existing)	10	3 / DGN3	1	L	CINL
		drexrd	InletDBI_ep	Ditch Bottom Inlet (Existing)	10	3 / DGN3	1	L	DTCHI
		drexrd	InletGutter_ep	Gutter Inlets (All Types) (Existing)	10	3 / DGN3	1	L	GI

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		drexrd	InletMedian_ep	Median Inlets (Existing)	10	3 / DGN3	1	L	MEDI
X		drexrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2	X	
		drexrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1		
		drexrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1		
		drexrd	ManholeSW_ep	Manhole (Storm Water) (Existing)	10	1 / DGN1	1	P	MHD
		drexrd	ManholeUnknown_ep	Manhole (Unknown) (Existing)	0	1 / DGN1	1	P	MH
		drexrd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0		
		drexrd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1		
		drexrd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2		
		drexrd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0		
		drexrd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1		
		drexrd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2		
		drexrd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0		
		drexrd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1		
		drexrd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2		
		drexrd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3		
		drexrd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0		
		drexrd	PipeCulvert_ep	Pipe Culvert (Existing)	10	3 / DGN3	1	L	PCULV
		drexrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0		
		drexrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0		
		drexrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0		
		drexrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0		
101		drexrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2	101	
		drexrd	SpecialDetails	Special Details	6	0 / Continuous	1		
		drexrd	StormSewer_ep	Storm Sewer (All Sizes) (Drain Pipes and Spouts) (Existing)	10	3 / DGN3	1	L	STS
A		drexrd	Tables_dp	Data Tables and All Autodesk Tables (Existing)	0	0 / Continuous	1		
		drexrd	TextConstEle	Text - Construction Element	0	0 / Continuous	1		
		drexrd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1		
		drexrd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1		
		drexrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1		
		drexrd	TextNotes	Text - Notes	4	0 / Continuous	1		
X		drexrd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2		
X		drexrd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2		
		drexrd	UnderDrain_ep	Underdrains and Cross Drains (Existing)	10	3 / DGN3	1	L	UD
		drexrd	UnderDrainBx_ep	Under Drain Box (Existing)	10	3 / DGN3	0	P	UDBX
A		drexrd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0		
		drexrd	WaterSeasHghMrk_ep	Seasonal High Water Mark (Bridges, Drainage Ponds and Trees as marked by Environmental) (Existing)	7	0 / Continuous	0	P	SHWM
A		drexrd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1		
A		drexrd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1		
A		drexrd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1		
A		drexrd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1		
		drexrd	YardDrain_ep	Yard Drain (Existing)	10	3 / DGN3	1	L	YD

DRMPRD - Drainage Map

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	drmprd	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	drmprd	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
X		drmprd	ArtificialCovering	Artificial Coverings	10	0 / Continuous	2
	A	drmprd	Assembly_dp	Civil 3D Assemblies and Subassemblies	4	0 / Continuous	2
		drmprd	BaselineSurvey	Baseline Survey	0	0 / Continuous	2
X		drmprd	Berm	Berm (Top, Front, or Back)	10	0 / Continuous	2
X		drmprd	BoxCulvert	Box Culvert	10	0 / Continuous	2
X		drmprd	Canal	Canal	7	0 / Continuous	1
X		drmprd	CatchBasin	Catch Basin	10	0 / Continuous	2
		drmprd	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
		drmprd	Cloud_dp	Construction Cloud	7	0 / Continuous	2
		drmprd	COGO_dp	COGO Information	3	0 / Continuous	1
		drmprd	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		drmprd	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
		drmprd	ConstLines	Construction Lines and References	1	0 / Continuous	0
		drmprd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
	A	drmprd	Corridors_dp	Civil 3D Corridors	0	0 / Continuous	2
		drmprd	CurveData_dp	Curve and Coordinate Data Elements Incl. PC, PT, PI Symbols	4	0 / Continuous	2
		drmprd	CurveDataLabel_dp	Curve Data Labels PC,PI, PT	0	0 / Continuous	2
X		drmprd	DesiltingPipes	DesiltingDe-silting Pipes	10	0 / Continuous	2
		drmprd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		drmprd	Ditch	Ditch Top	7	6 / DGN6	1
X		drmprd	DitchBot	Ditch Bottom	10	0 / Continuous	2
X		drmprd	DitchPavt	Ditch Pavement Including Quantity Shapes	3	0 / Continuous	1
		drmprd	DitchProfLt_er	Ditch Profile Left (Existing)	8	3 / DGN3	1
		drmprd	DitchProfLt_pr	Ditch Profile Left	8	0 / Continuous	1
		drmprd	DitchProfMdn_er	Ditch Profile Median (Existing)	10	3 / DGN3	1
		drmprd	DitchProfMdn_pr	Ditch Profile Median	10	0 / Continuous	1
		drmprd	DitchProfRt_er	Ditch Profile Right (Existing)	9	3 / DGN3	1
		drmprd	DitchProfRt_pr	Ditch Profile Right	9	0 / Continuous	1
		drmprd	DrainAlert_px	Alert Symbology for Structural Elements on Cross Sections	3	0 / Continuous	2
		drmprd	DrainDivideArw	Drainage Divide Arrow	0	0 / Continuous	1
		drmprd	DrainDivides00	Drainage Divides	10	2 / DGN2	4
		drmprd	DrainDivides00_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drmprd	DrainDivides01	Drainage Divides	10	2 / DGN2	4
		drmprd	DrainDivides01_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drmprd	DrainDivides02	Drainage Divides	10	2 / DGN2	4
		drmprd	DrainDivides02_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drmprd	DrainDivides03	Drainage Divides	10	2 / DGN2	4
		drmprd	DrainDivides03_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drmprd	DrainDivides04	Drainage Divides	10	2 / DGN2	4
		drmprd	DrainDivides04_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drmprd	DrainDivides05	Drainage Divides	10	2 / DGN2	4

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		drmprd	DrainDivides05_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drmprd	DrainDivides06	Drainage Divides	10	2 / DGN2	4
		drmprd	DrainDivides06_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drmprd	DrainDivides07	Drainage Divides	10	2 / DGN2	4
		drmprd	DrainDivides07_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drmprd	DrainDivides08	Drainage Divides	10	2 / DGN2	4
		drmprd	DrainDivides08_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drmprd	DrainDivides09	Drainage Divides	10	2 / DGN2	4
		drmprd	DrainDivides09_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drmprd	DrainMisc	Drainage Items (Miscellaneous)	10	0 / Continuous	1
		drmprd	DrainMisc_pm	Drainage Items (Proposed Model) (Miscellaneous)	10	0 / Continuous	1
X		drmprd	DrainStruct	Drainage Structure in Plan	10	2 / DGN2	2
X		drmprd	DrainStruct_pr	Drainage Structures (All Types)	10	0 / Continuous	2
X		drmprd	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		drmprd	EasePerpLine	Easement Lines Perpetual	4	RW-PerpetualEasement	2
X		drmprd	EaseTempLine	Easement Lines Temporary	6	RW-TemporaryEasement	1
X		drmprd	EdgeDrain	Edge Drain, Material and Outlet Pipe	10	0 / Continuous	2
X		drmprd	Endwall	Endwall (All Types)	10	0 / Continuous	2
		drmprd	Fence_ex	Fence Lines on Cross Sections (Existing)	6	3 / DGN3	1
X		drmprd	FES	Flared End Sections	10	0 / Continuous	2
X		drmprd	FlapGate	Flap Gates	10	0 / Continuous	2
X		drmprd	FlowLine	Flow Line	10	0 / Continuous	2
		drmprd	FlowLine_pr	Flow Line (Roadway Profile View)	0	0 / Continuous	2
X		drmprd	FlowPaths	Time of Concentration Flow Paths	10	1 / DGN1	1
X		drmprd	FrenchDrain	French Drain	10	0 / Continuous	2
X		drmprd	Gabions	Gabion Baskets or Mats	10	0 / Continuous	2
X		drmprd	Gabions_ep	Gabion Baskets or Mats (Existing)	10	1 / DGN1	2
X		drmprd	GovTwpRgeLine_ep	Government:Township and Range Government Survey Line	2	RW-TownshipRange	3
	B	drmprd	GPKDrBack_dp	Back Point on Drainage Cells	2	2 / DGN2	2
	B	drmprd	GPKDrBottom_dp	Bottom Point on Drainage Cells	3	3 / DGN3	2
	B	drmprd	GPKDrCellIns_dp	Cell Insertion Point on Drainage Cells	4	4 / DGN4	2
	B	drmprd	GPKDrCentroid_dp	Point on Centroid for Drainage	7	7 / DGN7	2
	B	drmprd	GPKDrElv	Location Point for Drainage Cells	5	5 / DGN5	2
	B	drmprd	GPKDrFront_dp	Front Point on Drainage Cells	1	1 / DGN1	2
	B	drmprd	GPKDrPipe_dp	Point on Drainage Pipe	6	6 / DGN6	2
	B	drmprd	GPKDrPipeCir_dp	Point on Pipe Circular	6	6 / DGN6	0
		drmprd	GradeLine_er	Grade Line Profile (Existing)	2	2 / DGN2	1
		drmprd	GradeLine_pr	Grade Line Profile	5	0 / Continuous	2
		drmprd	GradeLineCtr_dp	Grade Line Profile Center (Shown in Plan View)	5	0 / Continuous	0
		drmprd	GradeLineCtr_pr	Grade Line Profile Center	5	0 / Continuous	2
		drmprd	GradeLineLt_dp	Grade Line Profile Left (Shown in Plan View)	1	0 / Continuous	0
		drmprd	GradeLineLt_er	Grade Line Profile Left (Existing)	1	2 / DGN2	1
		drmprd	GradeLineLt_pr	Grade Line Profile Left	1	0 / Continuous	2
		drmprd	GradeLineRt_dp	Grade Line Profile Right (Shown in Plan View)	4	0 / Continuous	0
		drmprd	GradeLineRt_er	Grade Line Profile Right (Existing)	4	2 / DGN2	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		drmprd	GradeLineRt_pr	Grade Line Profile Right	4	0 / Continuous	2
		drmprd	GradeSecPat	Grade Section Patterns	0	0 / Continuous	0
		drmprd	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		drmprd	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		drmprd	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
		drmprd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		drmprd	InletClosedFlume	Closed Flume Inlet	10	0 / Continuous	2
X		drmprd	InletCurb	Curb Inlet (All Types)	10	0 / Continuous	2
X		drmprd	InletDBI	Ditch Bottom Inlet (All Types)	10	0 / Continuous	2
X		drmprd	InletGutter	Gutter Inlet (All Types)	10	0 / Continuous	2
X		drmprd	InletMedian	Median Barrier Inlet	10	0 / Continuous	2
X		drmprd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		drmprd	KeyShtMisc	Key Sheet Items (Miscellaneous)	0	0 / Continuous	2
X		drmprd	LARWLine	Limited Access Right of Way Lines	4	RW-LimitedAccess-Proposed	3
X		drmprd	LARWLine_ep	Limited Access Right of Way Lines (Existing)	7	RW-LimitedAccess-Existing	0
		drmprd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		drmprd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
X		drmprd	Manhole	Manhole (Drainage and Unknown)	10	0 / Continuous	2
		drmprd	MatchLines_dp	Match Lines with Text, Arrows for Station Notations	1	0 / Continuous	2
X		drmprd	MES	Mitered End Section	10	0 / Continuous	2
		drmprd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		drmprd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		drmprd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		drmprd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		drmprd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		drmprd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		drmprd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		drmprd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		drmprd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		drmprd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		drmprd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		drmprd	NorthArw_dp	North Arrows	0	0 / Continuous	2
		drmprd	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
		drmprd	Permit1	Permit 1 Wetlands, Mitigation Sites, Planting Areas	1	0 / Continuous	1
		drmprd	Permit2	Permit 2 Wetlands, Mitigation Sites, Planting Areas	2	0 / Continuous	1
		drmprd	Permit3	Permit 3 Wetlands, Mitigation Sites, Planting Areas	4	0 / Continuous	1
X		drmprd	PipeCulvert	Pipe Culvert in Plan	10	0 / Continuous	2
		drmprd	PipeCulvert_ep	Pipe Culvert (Existing)	10	3 / DGN3	1
X		drmprd	PipeCulvert_pr	Pipe Culvert in Profile	10	0 / Continuous	2
X		drmprd	PipeCulvert_px	Pipe Culvert on Cross Section View	10	0 / Continuous	2
X		drmprd	PipeCulvertCD	Pipe Culvert Cross Drain	10	0 / Continuous	2
X		drmprd	PipeCulvertGD	Pipe Culvert Gutter Drain	10	0 / Continuous	2
X		drmprd	PipeCulvertSD	Pipe Culvert Side Drain	10	0 / Continuous	2
X		drmprd	PipeCulvertSS	Pipe Culvert Storm Sewer	10	0 / Continuous	2
X		drmprd	PlotBorder_dp	Plot Border	3	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		drmprd	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
X		drmprd	Pond_px	Pond Lines on Cross Sections	2	0 / Continuous	2
X		drmprd	PondSideSlope	Pond Side Slope	0	0 / Continuous	2
X		drmprd	PropertyLine_ep	Property Lines (Existing)	7	0 / Continuous	0
		drmprd	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X		drmprd	RetentionArea	Retention Area	2	0 / Continuous	2
X		drmprd	RipRap	Rip Rap, Rubble	4	0 / Continuous	2
X		drmprd	RockGravelStone	Rock, Gravel, Stone, Boulders, Etc.	1	0 / Continuous	2
X		drmprd	RWLine	Right of Way Lines	4	RW-Proposed	3
X		drmprd	RWLine_ep	Right of Way Lines (Existing)	7	RW-Existing	0
		drmprd	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2
		drmprd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		drmprd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		drmprd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		drmprd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		drmprd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
X		drmprd	SedimentBasin	Sediment Basin Index 101	10	0 / Continuous	2
X		drmprd	SedimentBasin_ep	Sediment Basin Index 101 (Existing)	10	3 / DGN3	1
		drmprd	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		drmprd	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		drmprd	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		drmprd	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		drmprd	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		drmprd	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
X		drmprd	SlideGate	Slide Gate	10	0 / Continuous	2
X		drmprd	Slopes	Slopes (Top, Bottom)	9	3 / DGN3	0
X		drmprd	SlopeStakes1	Slope Stakes 1	4	1 / DGN1	3
X		drmprd	SlopeStakes2	Slope Stakes 2	1	1 / DGN1	3
X		drmprd	SlottedDrainPipe	Slotted Drain Pipe	10	0 / Continuous	1
X		drmprd	SlottedStormSewer	Storm Sewer (Slotted or Perforated)	10	0 / Continuous	2
		drmprd	SpecialDetails	Special Details	6	0 / Continuous	1
		drmprd	SpecialDetails_px	Special Details Cross Sections	6	0 / Continuous	1
X		drmprd	Spillway	Spillway/ Flume/ Slope Drain	10	0 / Continuous	2
		drmprd	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
		drmprd	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
X		drmprd	StormSewer	Storm Sewer (All Types), Drain Pipes and Spouts	10	0 / Continuous	2
B		drmprd	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
B		drmprd	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
B		drmprd	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
A		drmprd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
X		drmprd	TerrainLine_ex	Ground Line for Multiline on Cross Sections (Existing)	5	0 / Continuous	1
		drmprd	TextAlert	Text - Alert Label to Highlight a Problem	3	0 / Continuous	2
		drmprd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		drmprd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		drmprd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		drmprd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		drmprd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		drmprd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		drmprd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		drmprd	TextLabel	Text - Label	0	0 / Continuous	2
		drmprd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		drmprd	TextMajor	Text - Major	0	0 / Continuous	5
		drmprd	TextMinor	Text - Minor	0	0 / Continuous	0
		drmprd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		drmprd	TextNotes	Text - Notes	4	0 / Continuous	1
		drmprd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		drmprd	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		drmprd	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		drmprd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		drmprd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		drmprd	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		drmprd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		drmprd	TextTitle	Text - Title	0	0 / Continuous	3
		drmprd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		drmprd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		drmprd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X		drmprd	Trench	Storm Sewer Trench	10	0 / Continuous	2
X		drmprd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
		drmprd	TurbidityBarrier1_ep	Turbidity Barrier 1 (Floating) (Existing)	10	1 / DGN1	2
X		drmprd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
		drmprd	TurbidityBarrier2_ep	Turbidity Barrier 2 (Staked) (Existing)	10	1 / DGN1	2
X		drmprd	UnderDrain	Underdrains (All Types)	10	0 / Continuous	2
X		drmprd	UnderDrainOP	Underdrains Outlet Pipes	10	0 / Continuous	2
A		drmprd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
		drmprd	Wetland	Wetland Boundary	2	RD-Wetland-Proposed	1
A		drmprd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
A		drmprd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
A		drmprd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
A		drmprd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		drmprd	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1
X		drmprd	XSExtendGrdLine_ex	Cross Section Extend Ground Lines (Existing)	21	2 / DGN2	1
X		drmprd	XSGrdLine_ex	Cross Section Ground Lines (Existing)	2	2 / DGN2	1
X		drmprd	XSGrdLine_px	Cross Section Roadway Ground Lines	1	0 / Continuous	2
X		drmprd	YardDrain	Yard Drain	10	3 / DGN3	1

DRPRRD - Drainage Proposed

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	drprrd	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	drprrd	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
X		drprrd	ArtificialCovering	Artificial Coverings	10	0 / Continuous	2
X		drprrd	Berm	Berm (Top, Front, or Back)	10	0 / Continuous	2
		drprrd	BoundaryLineImp	Boundary Lines - Impervious	11	0 / Continuous	2
		drprrd	BoundaryLineP	Boundary Lines - Pervious	9	0 / Continuous	2
X		drprrd	BoxCulvert	Box Culvert	10	0 / Continuous	2
X		drprrd	BuildingRes1	Boundaries of Single Family Residential Buildings	1	0 / Continuous	2
X		drprrd	BuildingRes2	Boundaries of Multi-Family Residential Buildings	1	0 / Continuous	2
X		drprrd	Canal	Canal	7	0 / Continuous	1
X		drprrd	CatchBasin	Catch Basin	10	0 / Continuous	2
		drprrd	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
		drprrd	ClipBorder_dp	CLIP Border and Civil 3D View Frame	4	2 / DGN2	0
	B	drprrd	ClipDrawingBound_dp	CLIP Drawing Boundary	3	3 / DGN3	0
		drprrd	COGO_dp	COGO Information	3	0 / Continuous	1
		drprrd	ConstLines	Construction Lines and References	1	0 / Continuous	0
		drprrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
X		drprrd	DesiltingPipes	DesiltingDe-silting Pipes	10	0 / Continuous	2
		drprrd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		drprrd	Ditch	Ditch Top	7	6 / DGN6	1
X		drprrd	DitchBot	Ditch Bottom	10	0 / Continuous	2
X		drprrd	DitchPavt	Ditch Pavement Including Quantity Shapes	3	0 / Continuous	1
		drprrd	DitchProfLt_er	Ditch Profile Left (Existing)	8	3 / DGN3	1
		drprrd	DitchProfLt_pr	Ditch Profile Left	8	0 / Continuous	1
		drprrd	DitchProfMdn_er	Ditch Profile Median (Existing)	10	3 / DGN3	1
		drprrd	DitchProfMdn_pr	Ditch Profile Median	10	0 / Continuous	1
		drprrd	DitchProfRt_er	Ditch Profile Right (Existing)	9	3 / DGN3	1
		drprrd	DitchProfRt_pr	Ditch Profile Right	9	0 / Continuous	1
		drprrd	DrainAlert_px	Alert Symbology for Structural Elements on Cross Sections	3	0 / Continuous	2
		drprrd	DrainDivideArw	Drainage Divide Arrow	0	0 / Continuous	1
		drprrd	DrainDivides00	Drainage Divides	10	2 / DGN2	4
		drprrd	DrainDivides00_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drprrd	DrainDivides01	Drainage Divides	10	2 / DGN2	4
		drprrd	DrainDivides01_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drprrd	DrainDivides02	Drainage Divides	10	2 / DGN2	4
		drprrd	DrainDivides02_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drprrd	DrainDivides03	Drainage Divides	10	2 / DGN2	4
		drprrd	DrainDivides03_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drprrd	DrainDivides04	Drainage Divides	10	2 / DGN2	4
		drprrd	DrainDivides04_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drprrd	DrainDivides05	Drainage Divides	10	2 / DGN2	4
		drprrd	DrainDivides05_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drprrd	DrainDivides06	Drainage Divides	10	2 / DGN2	4
		drprrd	DrainDivides06_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drprrd	DrainDivides07	Drainage Divides	10	2 / DGN2	4

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		drprrd	DrainDivides07_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drprrd	DrainDivides08	Drainage Divides	10	2 / DGN2	4
		drprrd	DrainDivides08_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drprrd	DrainDivides09	Drainage Divides	10	2 / DGN2	4
		drprrd	DrainDivides09_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		drprrd	DrainMisc	Drainage Items (Miscellaneous)	10	0 / Continuous	1
		drprrd	DrainMisc_pm	Drainage Items (Proposed Model) (Miscellaneous)	10	0 / Continuous	1
X		drprrd	DrainStruct	Drainage Structure in Plan	10	2 / DGN2	2
X		drprrd	DrainStruct_pr	Drainage Structures (All Types)	10	0 / Continuous	2
X		drprrd	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		drprrd	EasePerpLine	Easement Lines Perpetual	4	RW-PerpetualEasement	2
X		drprrd	EaseTempLine	Easement Lines Temporary	6	RW-TemporaryEasement	1
X		drprrd	EdgeDrain	Edge Drain, Material and Outlet Pipe	10	0 / Continuous	2
X		drprrd	Endwall	Endwall (All Types)	10	0 / Continuous	2
X		drprrd	Fence	Fence, Sand Fence	6	RD-Fence	1
X		drprrd	FES	Flared End Sections	10	0 / Continuous	2
X		drprrd	FlapGate	Flap Gates	10	0 / Continuous	2
X		drprrd	FlowLine	Flow Line	10	0 / Continuous	2
		drprrd	FlowLine_pr	Flow Line (Roadway Profile View)	0	0 / Continuous	2
X		drprrd	FlowPaths	Time of Concentration Flow Paths	10	1 / DGN1	1
X		drprrd	FrenchDrain	French Drain	10	0 / Continuous	2
X		drprrd	Gabions	Gabion Baskets or Mats	10	0 / Continuous	2
X		drprrd	Gabions_ep	Gabion Baskets or Mats (Existing)	10	1 / DGN1	2
X		drprrd	GovTwpRgeLine_ep	Government:Township and Range Government Survey Line	2	RW-TownshipRange	3
	B	drprrd	GPKDrBack_dp	Back Point on Drainage Cells	2	2 / DGN2	2
	B	drprrd	GPKDrBottom_dp	Bottom Point on Drainage Cells	3	3 / DGN3	2
	B	drprrd	GPKDrCellIns_dp	Cell Insertion Point on Drainage Cells	4	4 / DGN4	2
	B	drprrd	GPKDrCentroid_dp	Point on Centroid for Drainage	7	7 / DGN7	2
	B	drprrd	GPKDrElv	Location Point for Drainage Cells	5	5 / DGN5	2
	B	drprrd	GPKDrFront_dp	Front Point on Drainage Cells	1	1 / DGN1	2
	B	drprrd	GPKDrPipe_dp	Point on Drainage Pipe	6	6 / DGN6	2
	B	drprrd	GPKDrPipeCir_dp	Point on Pipe Circular	6	6 / DGN6	0
		drprrd	GradeLine_er	Grade Line Profile (Existing)	2	2 / DGN2	1
		drprrd	GradeLine_pr	Grade Line Profile	5	0 / Continuous	2
		drprrd	GradeLineCtr_dp	Grade Line Profile Center (Shown in Plan View)	5	0 / Continuous	0
		drprrd	GradeLineCtr_pr	Grade Line Profile Center	5	0 / Continuous	2
		drprrd	GradeLineLt_dp	Grade Line Profile Left (Shown in Plan View)	1	0 / Continuous	0
		drprrd	GradeLineLt_er	Grade Line Profile Left (Existing)	1	2 / DGN2	1
		drprrd	GradeLineLt_pr	Grade Line Profile Left	1	0 / Continuous	2
		drprrd	GradeLineRt_dp	Grade Line Profile Right (Shown in Plan View)	4	0 / Continuous	0
		drprrd	GradeLineRt_er	Grade Line Profile Right (Existing)	4	2 / DGN2	1
		drprrd	GradeLineRt_pr	Grade Line Profile Right	4	0 / Continuous	2
		drprrd	GradeSecPat	Grade Section Patterns	0	0 / Continuous	0
		drprrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		drprrd	InletBottomJ	Inlet Bottom Type J	10	0 / Continuous	1
X		drprrd	InletBottomP	Inlet Bottom Type P	10	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		drprdd	InletClosedFlume	Closed Flume Inlet	10	0 / Continuous	2
X		drprdd	InletCurb	Curb Inlet (All Types)	10	0 / Continuous	2
X		drprdd	InletDBI	Ditch Bottom Inlet (All Types)	10	0 / Continuous	2
X		drprdd	InletGutter	Gutter Inlet (All Types)	10	0 / Continuous	2
X		drprdd	InletMedian	Median Barrier Inlet	10	0 / Continuous	2
X		drprdd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
X		drprdd	LARWLine	Limited Access Right of Way Lines	4	RW-LimitedAccess-Proposed	3
X		drprdd	LARWLine_ep	Limited Access Right of Way Lines (Existing)	7	RW-LimitedAccess-Existing	0
		drprdd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		drprdd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
X		drprdd	Manhole	Manhole (Drainage and Unknown)	10	0 / Continuous	2
X		drprdd	MES	Mitered End Section	10	0 / Continuous	2
		drprdd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		drprdd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		drprdd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		drprdd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		drprdd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		drprdd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		drprdd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		drprdd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		drprdd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		drprdd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		drprdd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		drprdd	NorthArw_dp	North Arrows	0	0 / Continuous	2
		drprdd	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
		drprdd	Permit1	Permit 1 Wetlands, Mitigation Sites, Planting Areas	1	0 / Continuous	1
		drprdd	Permit2	Permit 2 Wetlands, Mitigation Sites, Planting Areas	2	0 / Continuous	1
		drprdd	Permit3	Permit 3 Wetlands, Mitigation Sites, Planting Areas	4	0 / Continuous	1
X		drprdd	PipeCulvert	Pipe Culvert in Plan	10	0 / Continuous	2
		drprdd	PipeCulvert_ep	Pipe Culvert (Existing)	10	3 / DGN3	1
X		drprdd	PipeCulvert_ex	Pipe Culvert in Cross Sections (Existing)	10	3 / DGN3	1
X		drprdd	PipeCulvert_pr	Pipe Culvert in Profile	10	0 / Continuous	2
X		drprdd	PipeCulvert_px	Pipe Culvert on Cross Section View	10	0 / Continuous	2
X		drprdd	PipeCulvertCD	Pipe Culvert Cross Drain	10	0 / Continuous	2
X		drprdd	PipeCulvertGD	Pipe Culvert Gutter Drain	10	0 / Continuous	2
X		drprdd	PipeCulvertSD	Pipe Culvert Side Drain	10	0 / Continuous	2
X		drprdd	PipeCulvertSS	Pipe Culvert Storm Sewer	10	0 / Continuous	2
		drprdd	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
X		drprdd	PondSideSlope	Pond Side Slope	0	0 / Continuous	2
X		drprdd	PropertyLine_ep	Property Lines (Existing)	7	0 / Continuous	0
		drprdd	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X		drprdd	RetentionArea	Retention Area	2	0 / Continuous	2
X		drprdd	RipRap	Rip Rap, Rubble	4	0 / Continuous	2
X		drprdd	RockGravelStone	Rock, Gravel, Stone, Boulders, Etc.	1	0 / Continuous	2
X		drprdd	RWLine	Right of Way Lines	4	RW-Proposed	3
X		drprdd	RWLine_ep	Right of Way Lines (Existing)	7	RW-Existing	0
		drprdd	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		drprdd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		drprdd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		drprdd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		drprdd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		drprdd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
X		drprdd	SedimentBasin	Sediment Basin Index 101	10	0 / Continuous	2
X		drprdd	SedimentBasin_ep	Sediment Basin Index 101 (Existing)	10	3 / DGN3	1
X		drprdd	SlideGate	Slide Gate	10	0 / Continuous	2
X		drprdd	Slopes	Slopes (Top, Bottom)	9	3 / DGN3	0
		drprdd	Slopes_ep	Natural Slopes (Top or Bottom) (Existing)	9	3 / DGN3	0
		drprdd	SlopesLevee_ep	Levees, Dikes, or Dams (Top or Bottom) (Existing)	9	3 / DGN3	0
X		drprdd	SlopeStakes1	Slope Stakes 1	4	1 / DGN1	3
X		drprdd	SlopeStakes2	Slope Stakes 2	1	1 / DGN1	3
X		drprdd	SlottedDrainPipe	Slotted Drain Pipe	10	0 / Continuous	1
X		drprdd	SlottedStormSewer	Storm Sewer (Slotted or Perforated)	10	0 / Continuous	2
		drprdd	SpecialDetails	Special Details	6	0 / Continuous	1
X		drprdd	Spillway	Spillway/ Flume/ Slope Drain	10	0 / Continuous	2
		drprdd	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
		drprdd	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
X		drprdd	StormSewer	Storm Sewer (All Types), Drain Pipes and Spouts	10	0 / Continuous	2
A		drprdd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
		drprdd	TextAlert	Text - Alert Label to Highlight a Problem	3	0 / Continuous	2
		drprdd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		drprdd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		drprdd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		drprdd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		drprdd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		drprdd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		drprdd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		drprdd	TextLabel	Text - Label	0	0 / Continuous	2
		drprdd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		drprdd	TextMajor	Text - Major	0	0 / Continuous	5
		drprdd	TextMinor	Text - Minor	0	0 / Continuous	0
		drprdd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		drprdd	TextNotes	Text - Notes	4	0 / Continuous	1
		drprdd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		drprdd	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		drprdd	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		drprdd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		drprdd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		drprdd	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		drprdd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		drprdd	TextTitle	Text - Title	0	0 / Continuous	3
		drprdd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		drprdd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		drprdd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X		drprdd	Trench	Storm Sewer Trench	10	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		drprdd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
		drprdd	TurbidityBarrier1_ep	Turbidity Barrier 1 (Floating) (Existing)	10	1 / DGN1	2
X		drprdd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
		drprdd	TurbidityBarrier2_ep	Turbidity Barrier 2 (Staked) (Existing)	10	1 / DGN1	2
X		drprdd	UnderDrain	Underdrains (All Types)	10	0 / Continuous	2
X		drprdd	UnderDrainOP	Underdrains Outlet Pipes	10	0 / Continuous	2
	A	drprdd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
		drprdd	Wetland	Wetland Boundary	2	RD-Wetland-Proposed	1
	A	drprdd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	drprdd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	drprdd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	drprdd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		drprdd	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1
X		drprdd	YardDrain	Yard Drain	10	3 / DGN3	1

DRXSRD - Drainage Cross Section

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	drxsrd	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	drxsrd	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
X		drxsrd	Barricade_px	Barricades Type I and II, Vertical Panels on Typical	6	0 / Continuous	2
X		drxsrd	BarricadeIII_px	Barricade Type III on Typical	6	0 / Continuous	2
		drxsrd	BaselineSurvey	Baseline Survey	0	0 / Continuous	2
X		drxsrd	Berm_px	Berm (Top, Front, or Back) on Cross Sections	10	0 / Continuous	2
X		drxsrd	BLSurvey_px	Baseline Survey on Cross Sections	0	0 / Continuous	2
X		drxsrd	Bridge_px	Bridge Component on Cross Sections - Component Property	0	0 / Continuous	2
X		drxsrd	CableBarrier_px	Cable Barrier on CrossSections	0	0 / Continuous	2
X		drxsrd	CandG_ex	Curb and Gutter on Cross Sections (All Types) (Existing)	4	2 / DGN2	1
X		drxsrd	CandG_px	Curb and Gutter on Cross Sections (All Types)	4	0 / Continuous	2
X		drxsrd	CandGBase_px	Curb and Gutter Base on Cross Sections	3	0 / Continuous	1
X		drxsrd	CATVBur_ex	Cable TV and Miscellaneous on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		drxsrd	CATVBur_px	Cable TV and Miscellaneous on Cross Sections (Buried)	6	0 / Continuous	1
X		drxsrd	ChannelDevPed_px	Longitudinal Channelizing Device for Pedestrians on Typical	6	0 / Continuous	2
		drxsrd	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
X		drxsrd	CLConst_px	Center Line of Construction on Cross Sections	0	0 / Continuous	2
		drxsrd	Cloud_dp	Construction Cloud	7	0 / Continuous	2
		drxsrd	COGO_dp	COGO Information	3	0 / Continuous	1
X		drxsrd	Concrete_px	Concrete Boundary Lines on Cross Sections	0	0 / Continuous	2
X		drxsrd	Conduit_ex	Conduit and Encasements on Cross Sections (Existing)	3	2 / DGN2	1
X		drxsrd	Conduit_px	Conduit and Encasements on Cross Sections	3	0 / Continuous	1
X		drxsrd	Cone_px	Cone and Tubular Marker on Typical	6	0 / Continuous	2
		drxsrd	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		drxsrd	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
		drxsrd	ConstLines	Construction Lines and References	1	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		drxsrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
		drxsrd	CurveData_dp	Curve & Coordinate Data Elements Incl. PC, PT, PI Symbols	4	0 / Continuous	2
		drxsrd	CurveDataLabel_dp	Curve Data Labels PC,PI, PT	0	0 / Continuous	2
		drxsrd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		drxsrd	Ditch_px	Ditch Top on Cross Sections	7	0 / Continuous	2
X		drxsrd	DitchBot_px	Ditch Bottom on Cross Sections	10	0 / Continuous	2
X		drxsrd	DitchPavt_px	Ditch Pavement on Cross Sections	3	0 / Continuous	3
		drxsrd	DrainAlert_px	Alert Symbology for Structural Elements on Cross Sections	3	0 / Continuous	2
		drxsrd	DrainMisc_ex	Drainage Elements on Cross Sections (All) (Miscellaneous) (Existing)	10	3 / DGN3	1
X		drxsrd	DrainStruct_ex	Drainage Structures on Cross Sections (All) (Existing)	10	3 / DGN3	1
X		drxsrd	DrainStruct_px	Drainage Structures and Elements on Cross Sections (Miscellaneous)	10	0 / Continuous	2
X		drxsrd	Driveway_ex	Driveway Lines on Cross Sections (Existing)	7	2 / DGN2	2
X		drxsrd	Driveway_px	Driveway Lines on Cross Sections	7	0 / Continuous	2
X		drxsrd	DrivewayBase_px	Driveway Subgrade on Cross Sections	3	0 / Continuous	2
X		drxsrd	Drum_px	Drum on Typical	6	0 / Continuous	2
X		drxsrd	DTM_ex	Digital Terrain Model on Cross Sections (Existing)	2	2 / DGN2	1
X		drxsrd	DTM_px	Digital Terrain Model on Cross Sections	1	0 / Continuous	0
		drxsrd	Earthwork1_px	Earthwork (Color 0) on Cross Sections	0	0 / Continuous	1
		drxsrd	Earthwork2_px	Earthwork (Color 1) on Cross Sections	1	0 / Continuous	1
		drxsrd	Earthwork3_px	Earthwork (Color 2) on Cross Sections	2	0 / Continuous	1
		drxsrd	Earthwork4_px	Earthwork (Color 3) on Cross Sections	3	0 / Continuous	1
		drxsrd	Earthwork5_px	Earthwork (Color 4) on Cross Sections	4	0 / Continuous	1
X		drxsrd	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		drxsrd	EaseLine_ep	Easement Lines (Existing)	1	2 / DGN2	0
X		drxsrd	EasePerpLine_px	Easement Lines Perpetual on Cross Sections	4	RW-PerpetualEasement	2
X		drxsrd	EaseTempLine_px	Easement Lines Temporary on Cross Sections	6	RW-TemporaryEasement	0
X		drxsrd	ElecBur_ex	Electrical on Cross Sections (Buried) (Existing)	3	2 / DGN2	1
X		drxsrd	ElecBur_px	Electrical on Cross Sections (Buried)	3	0 / Continuous	1
X		drxsrd	Endwall_px	Endwall on Cross Sections	10	0 / Continuous	2
		drxsrd	ExcavationLimits_dp	Excavation Limits on Cross Sections	0	0 / Continuous	1
		drxsrd	Fence_ex	Fence Lines on Cross Sections (Existing)	6	3 / DGN3	1
X		drxsrd	Fence_px	Fence Lines on Cross Sections	6	RD-Fence	2
X		drxsrd	FES_px	Flared End Sections on Cross Sections	10	0 / Continuous	2
X		drxsrd	FOCBur_ex	Fiber Optics Cable on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		drxsrd	FOCBur_px	Fiber Optics Cable on Cross Sections (Buried)	6	0 / Continuous	1
X		drxsrd	FOEBur_ex	Fiber Optics Electrical on Cross Sections (Buried) (Existing)	3	2 / DGN2	1
X		drxsrd	FOEBur_px	Fiber Optics Electrical on Cross Sections (Buried)	3	0 / Continuous	1
X		drxsrd	FOTBur_ex	Fiber Optics Telephone on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		drxsrd	FOTBur_px	Fiber Optics Telephone on Cross Sections (Buried)	6	0 / Continuous	1
X		drxsrd	Gas_ex	Gas Pipe and Fittings on Cross Sections (Miscellaneous) (Existing)	4	2 / DGN2	1
X		drxsrd	Gas_px	Gas Pipe and Fittings on Cross Sections (Miscellaneous)	4	0 / Continuous	1
		drxsrd	GeotechFillPatt1	Geotechnical Fill Pattern - (Earth, Wood, Muck, Concrete, Rock, Riprap) as Defined in Project	3	0 / Continuous	0
		drxsrd	GeotechFillPatt1_px	Geotechnical Fill Pattern on Cross Sections - (Earth, Wood, Muck, Concrete, Rock, Riprap) as Defined in Project	3	0 / Continuous	0
		drxsrd	GeotechFillPatt2	Geotechnical Fill Pattern - Clay, Sand	0	1 / DGN1	0
		drxsrd	GeotechFillPatt2_px	Geotechnical Fill Pattern on Cross Sections - Clay, Sand	0	1 / DGN1	0
		drxsrd	GeotechFillPatt3	Geotechnical Fill Pattern - Shell	3	1 / DGN1	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		drxsrd	GeotechFillPatt3_px	Geotechnical Fill Pattern on Cross Sections - Shell	3	1 / DGN1	0
		drxsrd	GeotechFillPatt4	Geotechnical Fill Pattern - Sand	4	0 / Continuous	0
		drxsrd	GeotechFillPatt4_px	Geotechnical Fill Pattern on Cross Sections - Sand	4	0 / Continuous	0
		drxsrd	GeotechFillPatt5	Geotechnical Fill Pattern - Coquina	1	0 / Continuous	1
		drxsrd	GeotechFillPatt5_px	Geotechnical Fill Pattern on Cross Sections - Coquina	1	0 / Continuous	1
		drxsrd	GeotechFillPatt6	Geotechnical Fill Pattern - Limestone	2	0 / Continuous	0
		drxsrd	GeotechFillPatt6_px	Geotechnical Fill Pattern on Cross Sections - Limestone	2	0 / Continuous	0
		drxsrd	GeotechFillPatt7	Geotechnical Fill Pattern - Gravel	6	0 / Continuous	0
		drxsrd	GeotechFillPatt7_px	Geotechnical Fill Pattern on Cross Sections - Gravel	6	0 / Continuous	0
		drxsrd	GeotechFillPatt8	Geotechnical Fill Pattern - Silt	0	0 / Continuous	1
		drxsrd	GeotechFillPatt8_px	Geotechnical Fill Pattern on Cross Sections - Silt	0	0 / Continuous	1
		drxsrd	GeotechMisc	Geotechnical Elements (Miscellaneous)	0	0 / Continuous	1
	B	drxsrd	GPKDrBack_dp	Back Point on Drainage Cells	2	2 / DGN2	2
	B	drxsrd	GPKDrBottom_dp	Bottom Point on Drainage Cells	3	3 / DGN3	2
	B	drxsrd	GPKDrCellIns_dp	Cell Insertion Point on Drainage Cells	4	4 / DGN4	2
	B	drxsrd	GPKDrCentroid_dp	Point on Centroid for Drainage	7	7 / DGN7	2
	B	drxsrd	GPKDrElv	Location Point for Drainage Cells	5	5 / DGN5	2
	B	drxsrd	GPKDrFront_dp	Front Point on Drainage Cells	1	1 / DGN1	2
	B	drxsrd	GPKDrPipe_dp	Point on Drainage Pipe	6	6 / DGN6	2
	B	drxsrd	GPKDrPipeCir_dp	Point on Pipe Circular	6	6 / DGN6	0
		drxsrd	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		drxsrd	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		drxsrd	GridMinG_dp	Grid Lines Minor Sub 2 on Cross Section Sheets	20	0 / Continuous	0
		drxsrd	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
X		drxsrd	Guardrail_ex	Guardrail Lines on Cross Sections (Existing)	0	2 / DGN2	2
X		drxsrd	GuardrailPanel_px	Guardrail Component Property on Cross Sections for 3D Guardrail Panels	11	0 / Continuous	1
X	B	drxsrd	GuardrailPost_px	Guardrail Component Property on Cross Sections for 3D Guardrail Posts	10	0 / Continuous	0
		drxsrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		drxsrd	Inlet_px	Inlets on Cross Sections	10	0 / Continuous	2
X		drxsrd	InletBottom_px	Inlet Bottom on Cross Sections (All Types)	10	0 / Continuous	2
X		drxsrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		drxsrd	KeyShtMisc	Key Sheet Items (Miscellaneous)	0	0 / Continuous	2
X		drxsrd	LARWLine_ex	Limited Access Right of Way Lines on Cross Sections (Existing)	4	RW-LimitedAccess-Existing	1
X		drxsrd	LARWLine_px	Limited Access Right of Way Lines on Cross Sections		RW-LimitedAccess-Proposed	2
X		drxsrd	LateralLimits_px	Lateral Limits on Cross Sections	6	0 / Continuous	2
		drxsrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		drxsrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
		drxsrd	Manhole_ex	Manhole on Cross Sections (Existing)	10	3 / DGN3	2
X		drxsrd	Manhole_px	Manhole on Cross Sections	10	0 / Continuous	2
X		drxsrd	MES_px	Mitered End Section on Cross Sections	10	0 / Continuous	2
		drxsrd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		drxsrd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		drxsrd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		drxsrd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		drxsrd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		drxsrd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		drxsrd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		drxsrd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		drxsrd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		drxsrd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		drxsrd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		drxsrd	PatternLines1_dp	Pattern Lines on Cross Sections and All Autodesk (Civil 3D) Tables	3	0 / Continuous	2
		drxsrd	PatternLines2_dp	Pattern Lines on Cross Sections Alternate for Side Streets, Critical Cross Sections or Drainage Structures	4	0 / Continuous	2
		drxsrd	PatternLines3_dp	Pattern Lines on Cross Sections Alternate for Side Streets, Critical Cross Sections or Drainage Structures	5	0 / Continuous	2
X		drxsrd	PavedMedianBase_px	Median Subgrade on Cross Sections (Paved)	3	0 / Continuous	2
		drxsrd	PavtAsphalt_ep	Asphalt Pavement Edge (Existing)	0	3 / DGN3	1
X		drxsrd	PavtAsphalt_px	Asphalt Pavement on Cross Sections and Components in Models	1	0 / Continuous	2
X		drxsrd	PavtBase_ex	Base Material on Cross Sections (All Types) (Existing)	3	3 / DGN3	1
X		drxsrd	PavtBase_px	Base Material on Cross Sections (All Types)	3	0 / Continuous	2
X		drxsrd	PavtConcrete_px	Concrete Pavement on Cross Sections and Components in Models	0	0 / Continuous	2
X		drxsrd	PavtMilling_px	Asphalt Milling Lines on Cross Sections	7	0 / Continuous	2
X		drxsrd	PavtMisc_px	Pavement on Cross Sections (Miscellaneous)	1	0 / Continuous	2
X		drxsrd	PavtOverbuild_px	Pavement Overbuild Areas on Cross Sections - Component Property	4	0 / Continuous	2
X		drxsrd	PavtOverlay_px	Pavement Overlay on Cross Sections - Component Property	1	0 / Continuous	2
X		drxsrd	PavtOverlay1_px	Pavement Overlay on Cross Sections - Component Property	14	0 / Continuous	2
X		drxsrd	PavtOverlay2_px	Pavement Overlay on Cross Sections - Component Property	7	0 / Continuous	2
X		drxsrd	PavtStabilization_px	Stabilization on Cross Sections	5	2 / DGN2	2
		drxsrd	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
		drxsrd	PipeCulvert_ep	Pipe Culvert (Existing)	10	3 / DGN3	1
X		drxsrd	PipeCulvert_ex	Pipe Culvert in Cross Sections (Existing)	10	3 / DGN3	1
X		drxsrd	PipeCulvert_pr	Pipe Culvert in Profile	10	0 / Continuous	2
X		drxsrd	PipeCulvert_px	Pipe Culvert on Cross Section View	10	0 / Continuous	2
X		drxsrd	PlotBorder_dp	Plot Border	3	0 / Continuous	0
		drxsrd	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
X		drxsrd	Pond_px	Pond Lines on Cross Sections	2	0 / Continuous	2
X		drxsrd	PropertyLine_ep	Property Lines (Existing)	7	0 / Continuous	0
X	B	drxsrd	PvtAnalysisCrown_px	Pavement Analysis Crowning on Cross Sections - Component Property	7	0 / Continuous	1
X	B	drxsrd	PvtAnalysisFail_px	Pavement Analysis Failure on Cross Sections - Component Property	3	0 / Continuous	1
X	B	drxsrd	PvtAnalysisMax_px	Pavement Analysis Acceptable Maximum Range on Cross Sections - Component Property	5	0 / Continuous	1
X	B	drxsrd	PvtAnalysisMin_px	Pavement Analysis Acceptable Minimum Range on Cross Sections - Component Property	4	0 / Continuous	1
X	B	drxsrd	PvtAnalysisOptiml_px	Pavement Analysis Optimal on Cross Sections - Component Property	2	0 / Continuous	1
X		drxsrd	Railing_px	Railing Components and Cross Sections Shapes	9	0 / Continuous	2
		drxsrd	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
	A	drxsrd	RegionBdry_dp	Boundary Line for Regions in Corridor Design (For AutoCAD Use)	0	0 / Continuous	0
X		drxsrd	RipRap_px	Rip Rap, Rubble on Cross Sections	4	1 / DGN1	2
X		drxsrd	RumbleStrip1	Rumble Strips Continuous Array (16 in)	0	PM-RumbleSolid	2
X		drxsrd	RumbleStrip2	Rumble Strips Skip Array (16 in)	0	PM-RumbleSkip	2
X		drxsrd	RumbleStrip3	Rumble Strips Continuous Array (8 in)	0	PM-RumbleSolid8in	2
X		drxsrd	RumbleStrip4	Rumble Strips Skip Array (8 in)	0	PM-RumbleSkip8in	2
X		drxsrd	RWLine	Right of Way Lines	4	RW-Proposed	3
X		drxsrd	RWLine_ep	Right of Way Lines (Existing)	7	RW-Existing	0
X		drxsrd	RWLine_ex	Right of Way Lines on Cross Sections (Existing)	3	RW-Existing	1
X		drxsrd	RWLine_px	Right of Way Lines on Cross Sections	4	RW-Proposed	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		drxsrd	SanitaryFM_ex	Force Main Lines on Cross Sections (Existing)	2	2 / DGN2	1
X		drxsrd	SanitaryFM_px	Force Main Lines on Cross Sections	2	0 / Continuous	1
X		drxsrd	SanitarySewer_ex	Sanitary Sewer on Cross Sections (Existing)	2	2 / DGN2	0
X		drxsrd	SanitarySewer_px	Sanitary Sewer on Cross Sections	2	0 / Continuous	1
X		drxsrd	SanitarySewerEff_ex	Sanitary Sewer Effluent on Cross Sections (Existing)	5	0 / Continuous	0
X		drxsrd	SanitarySewerEff_px	Sanitary Sewer Effluent on Cross Sections	5	0 / Continuous	0
		drxsrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		drxsrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		drxsrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		drxsrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		drxsrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		drxsrd	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		drxsrd	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		drxsrd	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		drxsrd	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		drxsrd	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		drxsrd	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
X		drxsrd	ShldrBase_px	Shoulder Base on Cross Sections	3	0 / Continuous	2
X		drxsrd	ShldrMilling_px	Shoulder Milling Component on Cross Sections - Component Property	7	0 / Continuous	2
X		drxsrd	ShldrOverbuild_px	Shoulder Overbuild on Cross Sections - Component Property	4	0 / Continuous	1
X		drxsrd	ShldrOverlay_px	Shoulder Overlay on Cross Sections - Component Property	1	0 / Continuous	1
X		drxsrd	ShldrPaved_px	Shoulder Lines on Cross Sections (Paved)	1	0 / Continuous	2
X		drxsrd	ShldrUnpaved_px	Shoulder Lines on Cross Sections (Unpaved)	2	0 / Continuous	2
X		drxsrd	Sidewalk_ex	Sidewalk Elements on Cross Sections (Existing)	0	2 / DGN2	1
X		drxsrd	Sidewalk_px	Sidewalk Elements on Cross Sections	0	0 / Continuous	2
		drxsrd	SidewalkBack_er	Back of Sidewalk Line Profile (Existing)	2	2 / DGN2	1
		drxsrd	SidewalkBack_pr	Back of Sidewalk Line Profile	5	0 / Continuous	2
X		drxsrd	SidewalkBase_px	Sidewalk Subgrade on Cross Sections	3	0 / Continuous	2
X		drxsrd	SignSymbol_px	Sign Structure and Foundation on Cross Sections	4	0 / Continuous	2
X		drxsrd	Slopes_px	Slope Lines on Cross Sections	9	0 / Continuous	2
X		drxsrd	SoilBoxes_px	Soil Boxes and Borings on Cross Sections	4	0 / Continuous	1
		drxsrd	SpecialDetails	Special Details	6	0 / Continuous	1
		drxsrd	SpecialDetails_px	Special Details on Cross Sections	6	0 / Continuous	1
		drxsrd	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
		drxsrd	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
X		drxsrd	StreetLights_px	Street Lights on Cross Sections	3	0 / Continuous	1
		drxsrd	Structure_px	Signal and Sign Structures on Cross Sections	0	0 / Continuous	2
X		drxsrd	SubDsgn_px	Sub Design on Cross Sections Including Sub-base	4	0 / Continuous	1
X		drxsrd	Subsoil_px	Subsoil or Undercut on Cross Sections	4	0 / Continuous	2
X		drxsrd	SubsoilFinal_px	Subsoil Final for Multiline on Cross Sections	18	0 / Continuous	1
X		drxsrd	SubsoilProp_px	Subsoil Proposed for Multiline on Cross Sections	8	0 / Continuous	1
B		drxsrd	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
B		drxsrd	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
B		drxsrd	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
A		drxsrd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
X		drxsrd	TeleBur_ex	Telephone on Cross Sections (Buried) (Miscellaneous) (Existing)	6	2 / DGN2	1
X		drxsrd	TeleBur_px	Telephone on Cross Sections (Buried) (Miscellaneous)	6	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		drxsrd	TempBarrier_px	Temporary Barrier on Typical	6	0 / Continuous	2
X	B	drxsrd	TemplateBottom_px	Bottom of Template for Multiline on Cross Sections	6	0 / Continuous	1
X	B	drxsrd	TemplateFinal_px	Final Template for Multiline on Cross Sections	2	0 / Continuous	1
X	B	drxsrd	TemplateTop_px	Top of Template for Multiline on Cross Sections	7	0 / Continuous	1
X		drxsrd	TerrainLine_ex	Ground Line for Multiline on Cross Sections (Existing)	5	0 / Continuous	1
		drxsrd	TextAlert	Text - Alert Label to Highlight a Problem	3	0 / Continuous	2
		drxsrd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		drxsrd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		drxsrd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		drxsrd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		drxsrd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		drxsrd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		drxsrd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		drxsrd	TextGeotech	Text - Soil Borings and Labels	0	0 / Continuous	2
		drxsrd	TextLabel	Text - Label	0	0 / Continuous	2
		drxsrd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		drxsrd	TextMajor	Text - Major	0	0 / Continuous	5
		drxsrd	TextMinor	Text - Minor	0	0 / Continuous	0
		drxsrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		drxsrd	TextNotes	Text - Notes	4	0 / Continuous	1
		drxsrd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		drxsrd	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		drxsrd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		drxsrd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		drxsrd	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		drxsrd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		drxsrd	TextTitle	Text - Title	0	0 / Continuous	3
		drxsrd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		drxsrd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		drxsrd	TextXSBL_dp	Text - Cross Section Baseline Labels	0	0 / Continuous	2
		drxsrd	TextXSDrain_ex	Text - Cross Section Drainage Labels (Existing)	10	0 / Continuous	2
		drxsrd	TextXSDrain_px	Text - Cross Section Drainage Labels	10	0 / Continuous	2
		drxsrd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
		drxsrd	TextXSElev_ex	Text - Cross Section Elevations (Existing)	2	0 / Continuous	1
		drxsrd	TextXSElev_px	Text - Cross Section Elevations	0	0 / Continuous	1
	B	drxsrd	TextXSGPKPts_dp	Text - Cross Section Points Labels	4	0 / Continuous	0
		drxsrd	TextXSNNotes_dp	Text - Cross Section Notes	0	0 / Continuous	2
		drxsrd	TextXSSlope_dp	Text - Cross Section Slope Labels (rise:run format)	0	0 / Continuous	2
		drxsrd	TextXSSlopePvt_dp	Text - Cross Section Pavement Slope Labels	0	0 / Continuous	2
X		drxsrd	TrafSeparator_ex	Traffic Separator on Cross Sections (All Types) (Existing)	6	2 / DGN2	1
X		drxsrd	TrafSeparator_px	Traffic Separator on Cross Sections (All Types)	6	0 / Continuous	2
X		drxsrd	TrafSeparatorBase_px	Traffic Separator Subgrade on Cross Sections	3	0 / Continuous	2
X		drxsrd	TubularMarker_px	Tubular Markers on Typical	6	0 / Continuous	2
X		drxsrd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		drxsrd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
		drxsrd	TypicalMisc	Typical Items (Miscellaneous)	0	0 / Continuous	2
		drxsrd	UtilsMisc_ex	Utility Items on Cross Sections (Miscellaneous) (Existing)	8	2 / DGN2	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		drxsrd	UtilsMisc_px	Utility Items on Cross Sections (Miscellaneous)	8	0 / Continuous	1
		drxsrd	Vehicle	Vehicle for Calculating Turning Radius	7	0 / Continuous	2
	A	drxsrd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
		drxsrd	VoidArea_dx	Void Area on Cross Sections	1	0 / Continuous	0
X		drxsrd	WallBarrier_ex	Barrier Wall on Cross Section (Existing)	6	3 / DGN3	1
X		drxsrd	WallBarrier_px	Barrier Wall on Cross Section	6	0 / Continuous	2
X		drxsrd	WallFooter_px	Wall Footer (Concrete) on Cross Sections - Component Symbolology/Material on All Wall Footers/Leveling Pads	2	0 / Continuous	1
X		drxsrd	WallGravBase_px	Gravity Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		drxsrd	WallGravity_px	Gravity Wall on Cross Sections	11	0 / Continuous	2
X		drxsrd	WallMedianBase_px	Median Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		drxsrd	WallRetain_px	Retaining Walls on Cross Sections	6	0 / Continuous	1
X		drxsrd	WallShldrBase_px	Shoulder Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		drxsrd	Water_ex	Water on Cross Sections (Existing)	1	2 / DGN2	1
X		drxsrd	Water_px	Water on Cross Sections	1	0 / Continuous	1
X		drxsrd	WaterNP_ex	Raw Water Pipes on Cross Sections (Existing)	5	0 / Continuous	1
X		drxsrd	WaterNP_px	Raw Water Pipes on Cross Sections	5	0 / Continuous	1
		drxsrd	Wetland_ex	Wetland Boundary on Cross Sections (Existing)	2	RD-Wetland-Existing	1
		drxsrd	WetlandEM_ep	Edge of Mangrove (Existing)	2	RD-Wetland-Existing	0
		drxsrd	WetlandMAR_ep	Edge of Wetlands (Marsh or Swamp) (Existing)	2	RD-Wetland-Existing	0
A		drxsrd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
A		drxsrd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
A		drxsrd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
A		drxsrd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
X		drxsrd	XSBaseTop_px	Cross Section Top of Base	3	0 / Continuous	2
		drxsrd	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1
X		drxsrd	XSExtendGrdLine_ex	Cross Section Extend Ground Lines (Existing)	21	2 / DGN2	1
X		drxsrd	XSGrdLine_ex	Cross Section Ground Lines (Existing)	2	2 / DGN2	1
X		drxsrd	XSGrdLine_px	Cross Section Roadway Ground Lines	1	0 / Continuous	2
		drxsrd	XMisc_ex	Cross Section Roadway Items (Miscellaneous) (Existing)	4	3 / DGN3	1
		drxsrd	XSMisc_px	Cross Section Items (Miscellaneous)	0	0 / Continuous	2
		drxsrd	XSPatternlines_ep	Cross Section Chain (Existing)	2	1 / DGN1	0
		drxsrd	XSPT_ep	Cross Section Point, Station (Existing)	2	1 / DGN1	0
B		drxsrd	XSShapeDep01_dp	Cross Section Shape Dependent	11	0 / Continuous	2
B		drxsrd	XSShapeDep02_dp	Cross Section Shape Dependent	12	0 / Continuous	2
B		drxsrd	XSShapeDep03_dp	Cross Section Shape Dependent	13	0 / Continuous	2
B		drxsrd	XSShapeDep04_dp	Cross Section Shape Dependent	14	0 / Continuous	2
B		drxsrd	XSShapeDep05_dp	Cross Section Shape Dependent	15	0 / Continuous	2
B		drxsrd	XSShapeDep06_dp	Cross Section Shape Dependent	16	0 / Continuous	2
B		drxsrd	XSShapeDep07_dp	Cross Section Shape Dependent	17	0 / Continuous	2
B		drxsrd	XSShapeDep08_dp	Cross Section Shape Dependent	18	0 / Continuous	2
B		drxsrd	XSShapeDep09_dp	Cross Section Shape Dependent	19	0 / Continuous	2
B		drxsrd	XSShapeDep10_dp	Cross Section Shape Dependent	20	0 / Continuous	2
B		drxsrd	XSShapeIndep01_dp	Cross Section Shape Independent	1	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	drxsrd	XSShapeIndep02_dp	Cross Section Shape Independent	2	0 / Continuous	2
	B	drxsrd	XSShapeIndep03_dp	Cross Section Shape Independent	3	0 / Continuous	2
	B	drxsrd	XSShapeIndep04_dp	Cross Section Shape Independent	4	0 / Continuous	2
	B	drxsrd	XSShapeIndep05_dp	Cross Section Shape Independent	5	0 / Continuous	2
	B	drxsrd	XSShapeIndep06_dp	Cross Section Shape Independent	6	0 / Continuous	2
	B	drxsrd	XSShapeIndep07_dp	Cross Section Shape Independent	7	0 / Continuous	2
	B	drxsrd	XSShapeIndep08_dp	Cross Section Shape Independent	8	0 / Continuous	2
	B	drxsrd	XSShapeIndep09_dp	Cross Section Shape Independent	9	0 / Continuous	2
	B	drxsrd	XSShapeIndep10_dp	Cross Section Shape Independent	10	0 / Continuous	2
X		drxsrd	XSTypical_px	Cross Section Roadway Pavement Typical	1	0 / Continuous	2

DSGNLD - Landscaping Design

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	dsgnld	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	dsgnld	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		dsgnld	BillboardDim	Billboard Dimension	0	0 / Continuous	2
		dsgnld	BillboardHt	Billboard Height	0	0 / Continuous	2
		dsgnld	BillboardLoc	Billboard Location	0	0 / Continuous	2
		dsgnld	BillboardVeg	Billboard Vegetation Area	6	1 / DGN1	1
		dsgnld	BillboardZone	Billboard View Zone	3	3 / DGN3	4
		dsgnld	ClearSight_dp	Clear Sight Lines and Limits	3	4 / DGN4	2
		dsgnld	ClearZone_dp	Clear Zone Elements	3	1 / DGN1	1
		dsgnld	COGO_dp	COGO Information	3	0 / Continuous	1
		dsgnld	ConstLines	Construction Lines and References	4	0 / Continuous	0
		dsgnld	ConstLines_pm	Construction Lines	4	0 / Continuous	0
		dsgnld	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		dsgnld	DitchBankArea	Ditch Bank Areas for Landscape	1	0 / Continuous	1
X		dsgnld	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		dsgnld	Fertilizer	Fertilizer	11	0 / Continuous	1
X		dsgnld	Flower	Flower Edge / Flower Symbol	2	0 / Continuous	1
		dsgnld	GroundCover	Groundcover Edge Symbol	2	0 / Continuous	1
		dsgnld	GroundCoverHatch	Groundcover Hatch Pattern	2	0 / Continuous	0
X		dsgnld	HandWaterArea	Hand Watering Area	1	0 / Continuous	0
X		dsgnld	HerbicideArea	Area to Receive Herbicide	5	0 / Continuous	1
		dsgnld	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		dsgnld	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		dsgnld	LandscapeAccs	Landscape Accessories (Barbeque Grill, Bike Rack etc.)	1	0 / Continuous	1
		dsgnld	LandscapeBllder	Landscape Boulders and Cobble	4	0 / Continuous	2
		dsgnld	LandscapeBlock	Landscape Concrete Blocks, Patterns and Walls	3	0 / Continuous	1
		dsgnld	LandscapeFills	Fills and Rock Sections	4	0 / Continuous	1
		dsgnld	LandscapeMisc	Landscaping Items (Miscellaneous)	3	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		dsgnld	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		dsgnld	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
X		dsgnld	Luminaire	Luminaires (Decorative - All Types)	2	0 / Continuous	1
X		dsgnld	MaintArea	Maintenance Areas for Landscape	10	0 / Continuous	2
		dsgnld	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		dsgnld	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		dsgnld	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		dsgnld	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		dsgnld	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		dsgnld	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		dsgnld	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		dsgnld	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		dsgnld	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		dsgnld	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
X		dsgnld	MowingAreaLarge	Mowing and Maintenance Areas for Large Machine	2	0 / Continuous	2
X		dsgnld	MowingAreaSmall	Mowing and Maintenance Areas (Includes Litter Removal Areas)	68	0 / Continuous	1
X		dsgnld	Mulch	Mulch Area	10	0 / Continuous	1
X		dsgnld	NaturalArea	Natural Landscape Areas	30	0 / Continuous	1
X		dsgnld	NoMaint	Maintained by Others	7	0 / Continuous	1
		dsgnld	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		dsgnld	Pavers	Pavers - Brick and Block	5	0 / Continuous	1
		dsgnld	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		dsgnld	PlantingArea	Plant Areas, Patterns and Boundary Elements	13	0 / Continuous	0
X		dsgnld	PlantPreservation	Areas where vegetation is to be preserved.	5	0 / Continuous	2
		dsgnld	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
		dsgnld	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X		dsgnld	RockGravelStone	Rock, Gravel, Stone, Boulders, Etc.	1	0 / Continuous	2
		dsgnld	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		dsgnld	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		dsgnld	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		dsgnld	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
10 1		dsgnld	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
X		dsgnld	SelectiveClearingGrubbing	Areas of selective vegetation removal.	2	RD-SelectiveClearingGrubbing	1
X		dsgnld	Shrub	Shrubs	2	0 / Continuous	1
X		dsgnld	SlopeArea	Slope Areas for Landscape	3	0 / Continuous	1
		dsgnld	SpecialDetails	Special Details	6	0 / Continuous	1
X		dsgnld	StakingArea	Staking Area	14	0 / Continuous	1
		dsgnld	StreetFurniture	Benches, Trash Receptacles, Bus Stop Covers, etc.	4	0 / Continuous	1
X		dsgnld	StreetLights	Street Lights	2	0 / Continuous	1
	A	dsgnld	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
		dsgnld	TextAlert	Text - Alert Label to Highlight a Problem	3	0 / Continuous	2
		dsgnld	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		dsgnld	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		dsgnld	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		dsgnld	TextDetails	Text - Detail Notes	4	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		dsgnld	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		dsgnld	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		dsgnld	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		dsgnld	TextLabel	Text - Label	0	0 / Continuous	2
		dsgnld	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		dsgnld	TextMajor	Text - Major	0	0 / Continuous	5
		dsgnld	TextMinor	Text - Minor	0	0 / Continuous	0
		dsgnld	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		dsgnld	TextNotes	Text - Notes	4	0 / Continuous	1
		dsgnld	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		dsgnld	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		dsgnld	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		dsgnld	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		dsgnld	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		dsgnld	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		dsgnld	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		dsgnld	TextTitle	Text - Title	0	0 / Continuous	3
		dsgnld	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		dsgnld	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		dsgnld	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X		dsgnld	Tree	Trees, Tree Line Pattern	2	0 / Continuous	1
X		dsgnld	TreeGrate	Tree Grate	5	0 / Continuous	1
X		dsgnld	TreeMaintArea	Area Designation for Tree Sheering and Pruning	6	0 / Continuous	1
X		dsgnld	TreeProtection	Tree Protection Symbol	5	RD-TreeProtection	2
X		dsgnld	TreeRootPruning	Roots are cleanly severed below the soil surface to mitigate damage from construction.	2	RE-TreeRootPruning	2
X		dsgnld	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		dsgnld	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
	A	dsgnld	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
X		dsgnld	WeedArea	Weeding Area	11	0 / Continuous	0
	A	dsgnld	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dsgnld	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dsgnld	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dsgnld	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		dsgnld	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1

DSGNLT - Lighting Design

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	dsgnlt	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	dsgnlt	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		dsgnlt	Cloud_dp	Construction Cloud	7	0 / Continuous	2
		dsgnlt	COGO_dp	COGO Information	3	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		dsgnlt	ConduitAG	Conduit (Above Ground)	4	SG-ConduitAG-Proposed	1
X		dsgnlt	ConduitBM	Conduit – Bridge Mount	5	SG-ConduitBM-Proposed	1
X		dsgnlt	ConduitDB	Conduit – Directional Bore	2	SG-ConduitDB-Proposed	1
X		dsgnlt	ConduitJB	Conduit – Jack & Bore Under Rail	3	SG-ConduitJB-Proposed	1
X		dsgnlt	ConduitOT	Conduit – Open Trench	1	SG-ConduitOT-Proposed	1
		dsgnlt	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		dsgnlt	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
		dsgnlt	ConstLines	Construction Lines and References	1	0 / Continuous	0
		dsgnlt	ConstLines_pm	Construction Lines	4	0 / Continuous	0
		dsgnlt	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		dsgnlt	EaseLicLine	Easement License Agreement Line	0	RW-License	1
		dsgnlt	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		dsgnlt	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		dsgnlt	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
		dsgnlt	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		dsgnlt	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
X		dsgnlt	InterconCable	Cable Interconnect	1	SG-InterconCable-Proposed	1
X		dsgnlt	InterconCable_ep	Interconnect Cable (Existing)	1	SG-InterconCable-Existing	0
X		dsgnlt	JunctBoxA	Junction Boxes (Aerial)	3	0 / Continuous	1
X		dsgnlt	JunctBoxA_ep	Junction Boxes (Aerial) (Existing)	3	1 / DGN1	0
		dsgnlt	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		dsgnlt	LightingMisc	Lighting Items (Miscellaneous)	4	0 / Continuous	2
X		dsgnlt	LightingSP	Lighting Service Points	0	0 / Continuous	1
X		dsgnlt	LoadCenter	Load Center	2	0 / Continuous	1
X		dsgnlt	LoadCenter_ep	Load Center (Existing)	2	5 / DGN5	0
		dsgnlt	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
X		dsgnlt	Luminaire	Luminaires (Decorative - All Types)	2	0 / Continuous	1
		dsgnlt	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		dsgnlt	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		dsgnlt	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		dsgnlt	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		dsgnlt	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		dsgnlt	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		dsgnlt	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		dsgnlt	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		dsgnlt	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		dsgnlt	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		dsgnlt	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		dsgnlt	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		dsgnlt	PlotBorder_dp	Plot Border	3	0 / Continuous	0
		dsgnlt	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
X		dsgnlt	PoleConc	Concrete Strain Pole	0	0 / Continuous	2
X		dsgnlt	PoleConc_ep	Concrete Strain Pole (Existing)	0	2 / DGN2	1
X		dsgnlt	PoleElec	Electrical Pole w/ Transformer	3	0 / Continuous	2
X		dsgnlt	PoleFound	Pole Foundation	0	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		dsgnlt	PoleLight	Light Pole	2	0 / Continuous	1
X		dsgnlt	PoleLight_ep	Light Pole (Existing)	2	2 / DGN2	1
X		dsgnlt	PoleLightHM	High Mast Light Pole	3	0 / Continuous	1
X		dsgnlt	PoleLightHM_ep	High Mast Light Pole (Existing)	2	2 / DGN2	1
		dsgnlt	PoleLightID	Light Pole Location / ID	4	0 / Continuous	1
X		dsgnlt	PoleShared	Power Pole Electric (Above Ground) Shared w/ Transformer	3	0 / Continuous	2
X		dsgnlt	PoleSteelStrain	Steel Strain Pole	0	0 / Continuous	2
X		dsgnlt	PoleSteelStrain_ep	Steel Strain Pole (Existing)	0	2 / DGN2	1
X		dsgnlt	PoleTel	Telephone Pole	6	0 / Continuous	2
X		dsgnlt	PoleUtil	Utility Pole	0	0 / Continuous	2
X		dsgnlt	PoleWoodStrain	Wood Strain Pole	0	0 / Continuous	2
X		dsgnlt	PoleWoodStrain_ep	Wood Strain Pole (Existing)	0	2 / DGN2	1
X		dsgnlt	PullBox	Pull Boxes (All Types)	3	0 / Continuous	1
		dsgnlt	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X		dsgnlt	SawCuts	Saw Cuts	3	3 / DGN3	0
		dsgnlt	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		dsgnlt	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		dsgnlt	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
101		dsgnlt	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		dsgnlt	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
		dsgnlt	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		dsgnlt	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		dsgnlt	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		dsgnlt	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		dsgnlt	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		dsgnlt	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
		dsgnlt	SpecialDetails	Special Details	6	0 / Continuous	1
	B	dsgnlt	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
	B	dsgnlt	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
	B	dsgnlt	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
	A	dsgnlt	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
		dsgnlt	TextAlert	Text - Alert Label to Highlight a Problem	3	0 / Continuous	2
		dsgnlt	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		dsgnlt	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		dsgnlt	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		dsgnlt	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		dsgnlt	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		dsgnlt	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		dsgnlt	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		dsgnlt	TextLabel	Text - Label	0	0 / Continuous	2
		dsgnlt	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		dsgnlt	TextMajor	Text - Major	0	0 / Continuous	5
		dsgnlt	TextMinor	Text - Minor	0	0 / Continuous	0
		dsgnlt	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		dsgnlt	TextNotes	Text - Notes	4	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		dsgnlt	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		dsgnlt	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		dsgnlt	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		dsgnlt	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		dsgnlt	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		dsgnlt	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		dsgnlt	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		dsgnlt	TextTitle	Text - Title	0	0 / Continuous	3
		dsgnlt	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		dsgnlt	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		dsgnlt	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X		dsgnlt	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		dsgnlt	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
	A	dsgnlt	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
	A	dsgnlt	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dsgnlt	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dsgnlt	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dsgnlt	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		dsgnlt	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1

DSGNRD - Roadway Design

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	dsgnrd	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	dsgnrd	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		dsgnrd	ArchSite_ep	Archeological Site (Existing)	2	0 / Continuous	1
X		dsgnrd	ArtificialCovering	Artificial Coverings	10	0 / Continuous	2
	A	dsgnrd	Assembly_dp	Civil 3D Assemblies and Subassemblies	4	0 / Continuous	2
		dsgnrd	ATDims	AutoTurn Profile Dimensions, Tire Envelope	1	0 / Continuous	1
X		dsgnrd	Attenuator	Attenuator Systems	6	MOT-Attenuator	1
X		dsgnrd	AttenuatorTM	Attenuator Truck Mount	6	0 / Continuous	2
		dsgnrd	ATTtext	AutoTurn Profile and TT Dimensions, Annotation, TT Overhang	0	0 / Continuous	1
		dsgnrd	ATVHP	AutoTurn Temporary Profile for Building Custom Type	1	0 / Continuous	1
X		dsgnrd	Barricade_px	Barricades Type I and II, Vertical Panels on Typical	6	0 / Continuous	2
X		dsgnrd	BarricadeIII_px	Barricade Type III on Typical	6	0 / Continuous	2
		dsgnrd	BaselineSurvey	Baseline Survey	0	0 / Continuous	2
X		dsgnrd	Berm	Berm (Top, Front, or Back)	10	0 / Continuous	2
X		dsgnrd	Berm_pm	Berm - Component Point Property and Model Break Line (Above Ground)	10	0 / Continuous	1
X		dsgnrd	Berm_px	Berm (Top, Front, or Back) on Cross Sections	10	0 / Continuous	2
X		dsgnrd	BLSurvey_px	Baseline Survey on Cross Sections	0	0 / Continuous	2
X		dsgnrd	BikeLaneColorPavt	Green Bike Lane Pavement	2	0 / Continuous	2
X		dsgnrd	Bollard	Concrete Filled Pipe Bollards	11	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		dsgnrd	Bottom_pm	Bottom - Component Point Property and Model Break Line (All)	0	0 / Continuous	1
X		dsgnrd	Bridge	Bridge	0	0 / Continuous	2
X		dsgnrd	Bridge_pm	Bridge - Component Point Property and Model Break Line (Above Ground)	2	0 / Continuous	1
X		dsgnrd	Bridge_px	Bridge Component on Cross Sections - Component Property	0	0 / Continuous	2
X		dsgnrd	BridgeAppSlab	Bridge Approaches and Slabs	0	0 / Continuous	2
X		dsgnrd	BridgeBot_pm	Bridge Bottom - Component Point Property and Model Break Line (Buried)	2	0 / Continuous	1
X		dsgnrd	BridgePiers	Bridge Piers	0	0 / Continuous	2
X		dsgnrd	Building	Buildings	1	0 / Continuous	2
X		dsgnrd	CableBarrier	Cable Barrier	0	RD-CableBarrier	2
X		dsgnrd	CableBarrier_px	Cable Barrier on Cross Sections	0	0 / Continuous	2
X		dsgnrd	Canal	Canal	7	0 / Continuous	1
X		dsgnrd	CandG_ex	Curb and Gutter on Cross Sections (All Types) (Existing)	4	2 / DGN2	1
X		dsgnrd	CandG_px	Curb and Gutter on Cross Sections (All Types)	4	0 / Continuous	2
X		dsgnrd	CandGBase_px	Curb and Gutter Base on Cross Sections	3	0 / Continuous	1
X		dsgnrd	CATVBur_ex	Cable TV and Miscellaneous on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		dsgnrd	CATVBur_px	Cable TV and Miscellaneous on Cross Sections (Buried)	6	0 / Continuous	1
X		dsgnrd	ChannelDevPed_px	Longitudinal Channelizing Device for Pedestrians on Typical	6	0 / Continuous	2
		dsgnrd	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
X		dsgnrd	CLConst_px	Center Line of Construction on Cross Sections	0	0 / Continuous	2
X		dsgnrd	ClearingGrubbing	Clearing and Grubbing Limits and Quantity Items	4	0 / Continuous	1
		dsgnrd	ClearZone_dp	Clear Zone Elements	3	1 / DGN1	1
		dsgnrd	ClipBorder_dp	CLIP Border and Civil 3D View Frame	4	2 / DGN2	0
	B	dsgnrd	ClipDrawingBound_dp	CLIP Drawing Boundary	3	3 / DGN3	0
		dsgnrd	Cloud_dp	Construction Cloud	7	0 / Continuous	2
		dsgnrd	COGO_dp	COGO Information	3	0 / Continuous	1
X		dsgnrd	Concrete	Concrete Areas and Miscellaneous (All Types)	0	0 / Continuous	2
X		dsgnrd	Concrete_px	Concrete Boundary Lines on Cross Sections	0	0 / Continuous	2
X		dsgnrd	ConcSlabs	Concrete Slabs	0	0 / Continuous	2
X		dsgnrd	Conduit_ex	Conduit and Encasements on Cross Sections (Existing)	3	2 / DGN2	1
X		dsgnrd	Conduit_px	Conduit and Encasements on Cross Sections	3	0 / Continuous	1
X		dsgnrd	Cone_px	Cone and Tubular Marker on Typical	6	0 / Continuous	2
		dsgnrd	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		dsgnrd	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
		dsgnrd	ConstLines	Construction Lines and References	1	0 / Continuous	0
		dsgnrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
X		dsgnrd	ContoursMajor	Contour Lines Major	3	0 / Continuous	2
X		dsgnrd	ContoursMajor_ep	Contour Lines Major (Existing)	3	1 / DGN1	1
X		dsgnrd	ContoursMinor	Contour Lines Minor	4	0 / Continuous	2
X		dsgnrd	ContoursMinor_ep	Contour Lines Minor (Existing)	4	1 / DGN1	1
		dsgnrd	ControlZone_dp	Control Zone	3	1 / DGN1	2
		dsgnrd	Core	Core Test Hole	9	1 / DGN1	1
X	B	dsgnrd	CorrHndlStg1_dp	Corridor Handle Display Setting for Corridor Design Stage 1	0	0 / Continuous	1
X	B	dsgnrd	CorrHndlStg2_dp	Corridor Handle Display Setting for Corridor Design Stage 2	4	0 / Continuous	1
X	B	dsgnrd	CorrHndlStg3_dp	Corridor Handle Display Setting for Corridor Design Stage 3	3	0 / Continuous	1
	A	dsgnrd	Corridor_dp	Civil 3D Corridors	0	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		dsgnrd	Curb_pm	Curb - Component Point Property and Model Break Line	4	0 / Continuous	1
X		dsgnrd	CurbBack	Back of Curb	4	0 / Continuous	1
X		dsgnrd	CurbBase_pm	Curb Base Top - Component Point Property and Model Break Line	3	0 / Continuous	1
X		dsgnrd	CurbFace	Curb and Gutter (Face)	4	0 / Continuous	1
X		dsgnrd	CurbFlowLine_pm	Curb Flow Line - Component Point Property and Model Break Line	4	0 / Continuous	1
X		dsgnrd	CurbRamp	Curb Cut Ramp	8	0 / Continuous	1
X		dsgnrd	CurbRampWarning	Detectable Warnings on Curb Ramps	4	0 / Continuous	2
		dsgnrd	CurveData_dp	Curve & Coordinate Data Elements Including PC, PT, PI Symbols	4	0 / Continuous	2
		dsgnrd	CurveDataLabel_dp	Curve Data Labels PC,PI, PT	0	0 / Continuous	2
X		dsgnrd	Cut_pm	Tie to Ground in Cut - Component Point Property and Model Break Line	3	0 / Continuous	1
		dsgnrd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		dsgnrd	Ditch	Ditch Top	7	6 / DGN6	1
X		dsgnrd	Ditch_px	Ditch Top on Cross Sections	7	0 / Continuous	2
X		dsgnrd	DitchBot	Ditch Bottom	10	0 / Continuous	2
X		dsgnrd	DitchBot_pm	Ditch Bottom - Component Point Property and Model Break Line	10	0 / Continuous	1
X		dsgnrd	DitchBot_px	Ditch Bottom on Cross Sections	10	0 / Continuous	2
X		dsgnrd	DitchPavt	Ditch Pavement Including Quantity Shapes	3	0 / Continuous	1
X		dsgnrd	DitchPavt_pm	Ditch Pavement Top - Component Point Property and Model Break Line	3	0 / Continuous	1
X		dsgnrd	DitchPavt_px	Ditch Pavement on Cross Sections	3	0 / Continuous	3
		dsgnrd	DitchProfLt_er	Ditch Profile Left (Existing)	8	3 / DGN3	1
		dsgnrd	DitchProfLt_pr	Ditch Profile Left	8	0 / Continuous	1
		dsgnrd	DitchProfMdn_er	Ditch Profile Median (Existing)	10	3 / DGN3	1
		dsgnrd	DitchProfMdn_pr	Ditch Profile Median	10	0 / Continuous	1
		dsgnrd	DitchProfRt_er	Ditch Profile Right (Existing)	9	3 / DGN3	1
		dsgnrd	DitchProfRt_pr	Ditch Profile Right	9	0 / Continuous	1
X		dsgnrd	DitchTop_pm	Ditch Top - Component Point Property and Model Break Line	9	0 / Continuous	1
		dsgnrd	DrainAlert_px	Alert Symbolology for Structural Elements on Cross Sections	3	0 / Continuous	3
		dsgnrd	DrainMisc_ex	Drainage Elements on Cross Sections (All) (Miscellaneous) (Existing)	10	3 / DGN3	1
X		dsgnrd	DrainStruct	Drainage Structure in Plan	10	2 / DGN2	2
X		dsgnrd	DrainStruct_ex	Drainage Structures on Cross Sections (All) (Existing)	10	3 / DGN3	1
X		dsgnrd	DrainStruct_pr	Drainage Structures (All Types)	10	0 / Continuous	2
X		dsgnrd	DrainStruct_px	Drainage Structures and Elements on Cross Sections (Miscellaneous)	10	0 / Continuous	2
		dsgnrd	Driveway	Driveway (Drive, Lane, Turnouts)	7	0 / Continuous	2
X		dsgnrd	Driveway_ex	Driveway Lines on Cross Sections (Existing)	7	2 / DGN2	2
X		dsgnrd	Driveway_pm	Component Point Property and Model Break Line	7	0 / Continuous	1
X		dsgnrd	Driveway_px	Driveway Lines on Cross Sections	7	0 / Continuous	2
X		dsgnrd	DrivewayBase_px	Driveway Subgrade on Cross Sections	3	0 / Continuous	2
X		dsgnrd	Drum_px	Drum on Typical	6	0 / Continuous	2
X		dsgnrd	DTM	Digital Terrain Model, TIN Model Elements	1	0 / Continuous	2
X		dsgnrd	DTM_ep	Digital Terrain Model, TIN Model Elements (Existing)	2	0 / Continuous	1
X		dsgnrd	DTM_ex	Digital Terrain Model on Cross Sections (Existing)	2	2 / DGN2	1
X		dsgnrd	DTM_px	Digital Terrain Model on Cross Sections	1	0 / Continuous	0
X		dsgnrd	DTMBotMesh	Bottom Surface TIN/DTM of the Proposed Corridor	60	0 / Continuous	1
X		dsgnrd	DTMSource	Digital Terrain Model, Source Feature	0	0 / Continuous	2
X		dsgnrd	DTMSource_ep	Digital Terrain Model, Source Feature (Existing)	0	1 / DGN1	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		dsgnrd	DTMTopMesh	Top Surface TIN/DTM of the Proposed Corridor	20	0 / Continuous	1
X		dsgnrd	DTMTriangles	Digital Terrain Model, Triangles	1	0 / Continuous	2
X		dsgnrd	DTMTriangles_ep	Digital Terrain Model, Triangles (Existing)	2	0 / Continuous	1
X		dsgnrd	DTMVertices	Digital Terrain Model, Triangle Vertices	0	0 / Continuous	2
X		dsgnrd	DTMVertices_ep	Digital Terrain Model, Triangle Vertices (Existing)	0	0 / Continuous	1
		dsgnrd	Earthwork1_px	Earthwork (Color 0) on Cross Sections	0	0 / Continuous	1
		dsgnrd	Earthwork2_px	Earthwork (Color 1) on Cross Sections	1	0 / Continuous	1
		dsgnrd	Earthwork3_px	Earthwork (Color 2) on Cross Sections	2	0 / Continuous	1
		dsgnrd	Earthwork4_px	Earthwork (Color 3) on Cross Sections	3	0 / Continuous	1
		dsgnrd	Earthwork5_px	Earthwork (Color 4) on Cross Sections	4	0 / Continuous	1
X		dsgnrd	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		dsgnrd	EaseLine_ep	Easement Lines (Existing)	1	2 / DGN2	0
X		dsgnrd	EasePerpLine	Easement Lines Perpetual	4	RW-PerpetualEasement	2
X		dsgnrd	EasePerpLine_px	Easement Lines Perpetual on Cross Sections	4	RW-PerpetualEasement	2
X		dsgnrd	EaseTempLine	Easement Lines Temporary (Proposed)	6	RW-TemporaryEasement	1
X		dsgnrd	EaseTempLine_ep	Easement Lines Temporary (Existing)	6	RW-TemporaryEasement	1
X		dsgnrd	EaseTempLine_px	Easement Lines Temporary on Cross Sections	6	RW-TemporaryEasement	0
X		dsgnrd	ElecBur_ex	Electrical on Cross Sections (Buried) (Existing)	3	2 / DGN2	1
X		dsgnrd	ElecBur_px	Electrical on Cross Sections (Buried)	3	0 / Continuous	1
X		dsgnrd	Endwall_px	Endwall on Cross Sections	10	0 / Continuous	2
		dsgnrd	EnvImpact_ep	Locations for Potential Environmental Concerns (Existing)	3	0 / Continuous	1
		dsgnrd	ExcavationLimits_dp	Excavation Limits on Cross Sections	0	0 / Continuous	1
X		dsgnrd	Fence	Fence, Sand Fence	6	RD-Fence	1
		dsgnrd	Fence_ex	Fence Lines on Cross Sections (Existing)	6	3 / DGN3	1
X		dsgnrd	Fence_pm	Fence - Component Point Property and Model Break Line Above Ground	6	0 / Continuous	1
X		dsgnrd	Fence_px	Fence Lines on Cross Sections	6	RD-Fence	2
X		dsgnrd	FenceLt	Fence - Limited Access Left	6	RD-Fence	1
X		dsgnrd	FenceRt	Fence - Limited Access Right	6	RD-Fence	1
X		dsgnrd	FES_px	Flared End Sections on Cross Sections	10	0 / Continuous	2
X		dsgnrd	Fill_pm	Tie to Ground in Fill - Component Point Property and Model Break Line	1	0 / Continuous	1
X		dsgnrd	FlowArrow	Digital Terrain Model, Triangle Flow Arrows	10	0 / Continuous	2
X		dsgnrd	FlowArrow_ep	Digital Terrain Model, Triangle Flow Arrows (Existing)	10	0 / Continuous	2
		dsgnrd	FlowLine_pr	Flow Line (Roadway Profile View)	0	0 / Continuous	2
X		dsgnrd	FlowPaths	Time of Concentration Flow Paths	10	1 / DGN1	1
X		dsgnrd	FOCBur_ex	Fiber Optics Cable on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		dsgnrd	FOCBur_px	Fiber Optics Cable on Cross Sections (Buried)	6	0 / Continuous	1
X		dsgnrd	FOEBur_ex	Fiber Optics Electrical on Cross Sections (Buried) (Existing)	3	2 / DGN2	1
X		dsgnrd	FOEBur_px	Fiber Optics Electrical on Cross Sections (Buried)	3	0 / Continuous	1
X		dsgnrd	FOTBur_ex	Fiber Optics Telephone on Cross Sections (Existing)	6	2 / DGN2	1
X		dsgnrd	FOTBur_px	Fiber Optics Telephone on Cross Sections (Buried)	6	0 / Continuous	1
X		dsgnrd	Gabions	Gabion Baskets or Mats	10	0 / Continuous	2
X		dsgnrd	Gabions_ep	Gabion Baskets or Mats (Existing)	10	1 / DGN1	2
X		dsgnrd	Gas_ex	Gas Pipe and Fittings on Cross Sections (Miscellaneous) (Existing)	4	2 / DGN2	1
X		dsgnrd	Gas_px	Gas Pipe and Fittings on Cross Sections (Miscellaneous)	4	0 / Continuous	1
		dsgnrd	GeotechFillPatt1	Geotechnical Fill Pattern - (Earth, Wood, Muck, Concrete, Rock, Riprap) as Defined in Project	3	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		dsgnrd	GeotechFillPatt1_px	Geotechnical Fill Pattern on Cross Sections - (Earth, Wood, Muck, Concrete, Rock, Riprap) as Defined in Project	3	0 / Continuous	0
		dsgnrd	GeotechFillPatt2	Geotechnical Fill Pattern - Clay, Sand	0	1 / DGN1	0
		dsgnrd	GeotechFillPatt2_px	Geotechnical Fill Pattern on Cross Sections - Clay, Sand	0	1 / DGN1	0
		dsgnrd	GeotechFillPatt3	Geotechnical Fill Pattern - Shell	3	1 / DGN1	0
		dsgnrd	GeotechFillPatt3_px	Geotechnical Fill Pattern on Cross Sections - Shell	3	1 / DGN1	0
		dsgnrd	GeotechFillPatt4	Geotechnical Fill Pattern - Sand	4	0 / Continuous	0
		dsgnrd	GeotechFillPatt4_px	Geotechnical Fill Pattern on Cross Sections - Sand	4	0 / Continuous	0
		dsgnrd	GeotechFillPatt5	Geotechnical Fill Pattern - Coquina	1	0 / Continuous	1
		dsgnrd	GeotechFillPatt5_px	Geotechnical Fill Pattern on Cross Sections - Coquina	1	0 / Continuous	1
		dsgnrd	GeotechFillPatt6	Geotechnical Fill Pattern - Limestone	2	0 / Continuous	0
		dsgnrd	GeotechFillPatt6_px	Geotechnical Fill Pattern on Cross Sections - Limestone	2	0 / Continuous	0
		dsgnrd	GeotechFillPatt7	Geotechnical Fill Pattern - Gravel	6	0 / Continuous	0
		dsgnrd	GeotechFillPatt7_px	Geotechnical Fill Pattern on Cross Sections - Gravel	6	0 / Continuous	0
		dsgnrd	GeotechFillPatt8	Geotechnical Fill Pattern - Silt	0	0 / Continuous	1
		dsgnrd	GeotechFillPatt8_px	Geotechnical Fill Pattern on Cross Sections - Silt	0	0 / Continuous	1
		dsgnrd	GeotechMisc	Geotechnical Elements (Miscellaneous)	0	0 / Continuous	1
X		dsgnrd	GovTwpRgeLine_ep	Government:Township and Range Government Survey Line	2	RW-TownshipRange	3
	B	dsgnrd	GPKDrBack_dp	Back Point on Drainage Cells	2	2 / DGN2	2
	B	dsgnrd	GPKDrBottom_dp	Bottom Point on Drainage Cells	3	3 / DGN3	2
	B	dsgnrd	GPKDrCellIns_dp	Cell Insertion Point on Drainage Cells	4	4 / DGN4	2
	B	dsgnrd	GPKDrCentroid_dp	Point on Centroid for Drainage	7	7 / DGN7	2
	B	dsgnrd	GPKDrElv	Location Point for Drainage Cells	5	5 / DGN5	2
	B	dsgnrd	GPKDrFront_dp	Front Point on Drainage Cells	1	1 / DGN1	2
	B	dsgnrd	GPKDrPipe_dp	Point on Drainage Pipe	6	6 / DGN6	2
	B	dsgnrd	GPKDrPipeCir_dp	Point on Pipe Circular	6	6 / DGN6	0
		dsgnrd	GradeLine_er	Grade Line Profile (Existing)	2	2 / DGN2	1
		dsgnrd	GradeLine_pr	Grade Line Profile	5	0 / Continuous	2
		dsgnrd	GradeLineCtr_dp	Grade Line Profile Center (Shown in Plan View)	5	0 / Continuous	0
		dsgnrd	GradeLineCtr_pr	Grade Line Profile Center	5	0 / Continuous	0
		dsgnrd	GradeLineLt_dp	Grade Line Profile Left (Shown in Plan View)	1	0 / Continuous	0
		dsgnrd	GradeLineLt_er	Grade Line Profile Left (Existing)	1	2 / DGN2	0
		dsgnrd	GradeLineLt_pr	Grade Line Profile Left	1	0 / Continuous	0
		dsgnrd	GradeLineRt_dp	Grade Line Profile Right (Shown in Plan View)	4	0 / Continuous	0
		dsgnrd	GradeLineRt_er	Grade Line Profile Right (Existing)	4	2 / DGN2	0
		dsgnrd	GradeLineRt_pr	Grade Line Profile Right	4	0 / Continuous	0
		dsgnrd	GradeSecPat	Grade Section Patterns	0	0 / Continuous	0
X		dsgnrd	Grass	Grass, Seeding and Mulching Areas	2	1 / DGN1	2
		dsgnrd	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		dsgnrd	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		dsgnrd	GridMinG_dp	Grid Lines Minor Sub 2 on Cross Section Sheets	20	0 / Continuous	0
		dsgnrd	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
X		dsgnrd	Guardrail	Guardrail	1	0 / Continuous	1
X		dsgnrd	Guardrail_ex	Guardrail Lines on Cross Sections (Existing)	0	2 / DGN2	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X	B	dsgnrd	Guardrail3dDbL_pm	Guardrail - Component Point Property and Model Break Line for 3D Guardrail Posts (Double)	9	3D-Guardrail-Double / Continuous	0
X	B	dsgnrd	Guardrail3dLt_pm	Guardrail - Component Point Property and Model Break Line for 3D Guardrail Posts (Left)	9	3D-Guardrail-Left / Continuous	0
X	B	dsgnrd	Guardrail3dRt_pm	Guardrail - Component Point Property and Model Break Line for 3D Guardrail Posts (Right)	9	3D-Guardrail-Right / Continuous	0
X		dsgnrd	GuardrailBRLt	Guardrail Bridge (Left)	0	RD-Guardrail-Left	1
X		dsgnrd	GuardrailBRRt	Guardrail Bridge (Right)	0	RD-Guardrail-Right	1
X		dsgnrd	GuardrailDbL	Guardrail (Double Face)	0	RD-Guardrail-Double	1
X		dsgnrd	GuardrailEndAch	Guardrail (End Anchorage)	0	0 / Continuous	1
X		dsgnrd	GuardrailLt	Guardrail (Left)	0	RD-Guardrail-Left	1
X		dsgnrd	GuardrailModThrieDbL	Guardrail Modified Thrie Beam (Double Face)	0	RD-Guardrail-Double	1
X		dsgnrd	GuardrailModThrieLt	Guardrail Modified Thrie Beam (Left)	0	RD-Guardrail-Left	1
X		dsgnrd	GuardrailModThrieRt	Guardrail Modified Thrie Beam (Right)	0	RD-Guardrail-Right	1
X		dsgnrd	GuardrailPanel_pm	Guardrail - Component Point Property and Model Break Line for Guardrail Panels	11	0 / Continuous	1
X		dsgnrd	GuardrailPanel_px	Guardrail Component Property on Cross Sections for 3D Guardrail Panels	11	0 / Continuous	1
X	B	dsgnrd	GuardrailPost_pm	Guardrail - Component Point Property and Model Break Line for Guardrail Posts	10	0 / Continuous	1
X	B	dsgnrd	GuardrailPost_px	Guardrail Component Property on Cross Sections for 3D Guardrail Posts	10	0 / Continuous	0
X		dsgnrd	GuardrailPRDbL	Guardrail Double Face w/ Pipe Rail	0	RD-Guardrail-Double	1
X		dsgnrd	GuardrailPRLt	Guardrail Left w/ Pipe Rail	0	RD-Guardrail-Left	1
X		dsgnrd	GuardrailPRRt	Guardrail Right w/ Pipe Rail	0	RD-Guardrail-Right	1
X		dsgnrd	GuardrailRRDbL	Guardrail Double Face w/ Rub Rail	0	RD-Guardrail-Double	1
X		dsgnrd	GuardrailRRLt	Guardrail Left w/ Rub Rail	0	RD-Guardrail-Left	1
X		dsgnrd	GuardrailRRRt	Guardrail Right w/ Rub Rail	0	RD-Guardrail-Right	1
X		dsgnrd	GuardrailRt	Guardrail Right	0	RD-Guardrail-Right	1
X		dsgnrd	GuardrailThrieDbL	Guardrail Thrie Beam Double Face	0	RD-Guardrail-Double	1
X		dsgnrd	GuardrailThrieLt	Guardrail Thrie Beam Left	0	RD-Guardrail-Left	1
X		dsgnrd	GuardrailThriePRLt	Guardrail Thrie Beam Left w/ Pipe Rail	0	RD-Guardrail-Left	1
X		dsgnrd	GuardrailThriePRRt	Guardrail Thrie Beam Right w/ Pipe Rail	0	RD-Guardrail-Right	1
X		dsgnrd	GuardrailThrieRt	Guardrail Thrie Beam Right	0	RD-Guardrail-Right	1
		dsgnrd	HardscapeDetails	Paving Details, Fence Railing, Stamped Asphalt	4	0 / Continuous	2
		dsgnrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		dsgnrd	Inlet_px	Inlets on Cross Sections	10	0 / Continuous	2
X		dsgnrd	InletBottom_px	Inlet Bottom on Cross Sections (All Types)	10	0 / Continuous	2
X		dsgnrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		dsgnrd	KeyShtMisc	Key Sheet Items (Miscellaneous)	0	0 / Continuous	2
		dsgnrd	LaneLine	Lane Lines - Delineates Travel Lanes (Non-Plotting)	4	3 / DGN3	2
X		dsgnrd	LARWLine	Limited Access Right of Way Lines	4	RW-LimitedAccess-Proposed	3
X		dsgnrd	LARWLine_ep	Limited Access Right of Way Lines (Existing)	7	RW-LimitedAccess-Existing	0
X		dsgnrd	LARWLine_ex	Limited Access Right of Way Lines on Cross Sections (Existing)	4	RW-LimitedAccess-Existing	1
X		dsgnrd	LARWLine_px	Limited Access Right of Way Lines on Cross Sections	4	RW-LimitedAccess-Proposed	2
X		dsgnrd	Laterallimits_px	Lateral Limits on Cross Sections	6	0 / Continuous	2
		dsgnrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		dsgnrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
X		dsgnrd	Mailbox	Mailboxes	8	0 / Continuous	1
		dsgnrd	Manhole_ex	Manhole on Cross Sections (Existing)	10	3 / DGN3	2
X		dsgnrd	Manhole_px	Manhole on Cross Sections	10	0 / Continuous	2
	A	dsgnrd	MatchLineMask_dp	Mask Area for Match Line Overlap Areas (For AutoCAD Use)	0	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		dsgnrd	MatchLines_dp	Match Lines with Text, Arrows for Station Notations	1	0 / Continuous	2
X		dsgnrd	MedianCrown_pm	Median Crown - Component Point Property and Model Break Line	9	0 / Continuous	1
X		dsgnrd	MES_px	Mitered End Section on Cross Sections	10	0 / Continuous	2
		dsgnrd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		dsgnrd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		dsgnrd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		dsgnrd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		dsgnrd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		dsgnrd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		dsgnrd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		dsgnrd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		dsgnrd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		dsgnrd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		dsgnrd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		dsgnrd	NorthArw_dp	North Arrows	0	0 / Continuous	2
		dsgnrd	PatternLines1_dp	Pattern Lines on Cross Sections and All Autodesk (Civil 3D) Tables	3	0 / Continuous	2
		dsgnrd	PatternLines2_dp	Pattern Lines on Cross Sections Alternate for Side Streets, CriticalCross Sections or Drainage Structures	4	0 / Continuous	2
		dsgnrd	PatternLines3_dp	Pattern Lines on Cross Sections Alternate for Side Streets, CriticalCross Sections or Drainage Structures	5	0 / Continuous	2
X		dsgnrd	PavedMedianBase_px	Median Subgrade on Cross Sections (Paved)	3	0 / Continuous	2
		dsgnrd	Pavers	Pavers - Brick and Block	5	0 / Continuous	1
X		dsgnrd	PavtAsphalt	Asphalt Pavement Edge Line and Quantity Shapes	0	0 / Continuous	2 / 0.35
		dsgnrd	PavtAsphalt_ep	Asphalt Pavement Edge (Existing)	0	3 / DGN3	1
X		dsgnrd	PavtAsphalt_pm	Asphalt Pavement Edge Line - Component Point Property and Model Break Line	0	0 / Continuous	1
X		dsgnrd	PavtAsphalt_px	Asphalt Pavement on Cross Sections and Components in Models	1	0 / Continuous	2
X		dsgnrd	PavtBase	Base Material (All Types)	3	0 / Continuous	2
X		dsgnrd	PavtBase_ex	Base Material on Cross Sections (All Types) (Existing)	3	3 / DGN3	1
X		dsgnrd	PavtBase_pm	Pavement Base Top - Component Point Property and Model Break Line	3	0 / Continuous	1
X		dsgnrd	PavtBase_px	Base Material on Cross Sections (All Types)	3	0 / Continuous	2
		dsgnrd	PavtBreak_dp	Line Defining a Pavement Slope Break	0	0 / Continuous	1
X		dsgnrd	PavtBreak_pm	Break in Slope or Lane on Pavement - Component Point Property and Model Break Line	0	0 / Continuous	1
X		dsgnrd	PavtConcrete	Concrete Pavement Edge Lines and Quantity Shapes	10	0 / Continuous	2
X		dsgnrd	PavtConcrete_pm	Concrete Pavement - Component Point Property and Model Break Line	0	0 / Continuous	1
X		dsgnrd	PavtConcrete_px	Concrete Pavement on Cross Sections and Components in Models	0	0 / Continuous	2
X		dsgnrd	PavtConcreteSC	Concrete Surface Coloring	9	0 / Continuous	1
		dsgnrd	PavtCrown	Pavement Crown	16	0 / Continuous	2
X		dsgnrd	PavtCrown_pm	Pavement Crown - Component Point Property and Model Break Line	16	0 / Continuous	1
X		dsgnrd	PavtFrictionCourse	Asphalt Concrete Friction Course	4	0 / Continuous	2
		dsgnrd	PavtMilling	Milling and Resurfacing Limits and Quantity Shapes	1	0 / Continuous	2
X		dsgnrd	PavtMilling_pm	Asphalt Milling - Component Point Property and Model Break Line	7	0 / Continuous	1
X		dsgnrd	PavtMilling_px	Asphalt Milling Lines on Cross Sections	7	0 / Continuous	2
		dsgnrd	PavtMisc	Asphalt Material (Miscellaneous)	1	0 / Continuous	1
X		dsgnrd	PavtMisc_pm	Pavement - Component Point Property and Model Break Line (Miscellaneous)	1	0 / Continuous	1
X		dsgnrd	PavtMisc_px	Pavement on Cross Sections (Miscellaneous)	1	0 / Continuous	2
X		dsgnrd	PavtOverbuild_pm	Pavement Overbuild - Component Point Property and Model Break Line	1	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		dsgnrd	PavtOverbuild_px	Pavement Overbuild Areas on Cross Sections - Component Property	4	0 / Continuous	2
X		dsgnrd	PavtOverlay_pm	Pavement Overlay - Component Point Property and Model Break Line	1	0 / Continuous	1
X		dsgnrd	PavtOverlay_px	Pavement Overlay on Cross Sections - Component Property	1	0 / Continuous	2
X		dsgnrd	PavtOverlay1_px	Pavement Overlay on Cross Sections - Component Property	14	0 / Continuous	2
X		dsgnrd	PavtOverlay2_px	Pavement Overlay on Cross Sections - Component Property	7	0 / Continuous	2
X		dsgnrd	PavtStabilization	Stabilization Material Lines and Shapes	9	0 / Continuous	2
X		dsgnrd	PavtStabilization_px	Stabilization on Cross Sections	5	2 / DGN2	2
		dsgnrd	PavtXover_ep	Crossovers and Detours (Temporary) (Existing)	0	3 / DGN3	0
		dsgnrd	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
		dsgnrd	Permit1	Permit 1 Wetlands, Mitigation Sites, Planting Areas	1	0 / Continuous	1
		dsgnrd	Permit2	Permit 2 Wetlands, Mitigation Sites, Planting Areas	2	0 / Continuous	1
		dsgnrd	Permit3	Permit 3 Wetlands, Mitigation Sites, Planting Areas	4	0 / Continuous	1
X		dsgnrd	Piling	Piling Piers or Column	8	0 / Continuous	2
X		dsgnrd	PipeCulvert	Pipe Culvert in Plan	10	0 / Continuous	2
		dsgnrd	PipeCulvert_ep	Pipe Culvert (Existing)	10	3 / DGN3	1
X		dsgnrd	PipeCulvert_ex	Pipe Culvert in Cross Sections (Existing)	10	3 / DGN3	1
X		dsgnrd	PipeCulvert_pr	Pipe Culvert in Profile	10	0 / Continuous	2
X		dsgnrd	PipeCulvert_px	Pipe Culvert on Cross Section View	10	0 / Continuous	2
X		dsgnrd	PlotBorder_dp	Plot Border	3	0 / Continuous	0
		dsgnrd	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
X		dsgnrd	Pond_px	Pond Lines on Cross Sections	2	0 / Continuous	2
X		dsgnrd	PondSideSlope	Pond Side Slope	0	0 / Continuous	2
X		dsgnrd	PropertyLine_ep	Property Lines (Existing)	7	0 / Continuous	0
X	B	dsgnrd	PvtAnalysisCrown_pm	Pavement Analysis Crowning - Point Property	7	0 / Continuous	1
X	B	dsgnrd	PvtAnalysisCrown_px	Pavement Analysis Crowning on Cross Sections - Component Property	7	0 / Continuous	1
X		dsgnrd	PvtAnalysisFail_pm	Pavement Analysis Failure - Point Property	3	0 / Continuous	1
X	B	dsgnrd	PvtAnalysisFail_px	Pavement Analysis Failure on Cross Sections - Component Property	3	0 / Continuous	1
X		dsgnrd	PvtAnalysisMax_pm	Pavement Analysis Acceptable Maximum Range - Point Property	5	0 / Continuous	1
X	B	dsgnrd	PvtAnalysisMax_px	Pavement Analysis Acceptable Maximum Range on Cross Sections - Component Property	5	0 / Continuous	1
X		dsgnrd	PvtAnalysisMin_pm	Pavement Analysis Acceptable Minimum Range - Point Property	4	0 / Continuous	1
X	B	dsgnrd	PvtAnalysisMin_px	Pavement Analysis Acceptable Minimum Range on Cross Sections - Component Property	4	0 / Continuous	1
X		dsgnrd	PvtAnalysisOptiml_pm	Pavement Analysis Optimal - Point Property	2	0 / Continuous	1
X	B	dsgnrd	PvtAnalysisOptiml_px	Pavement Analysis Optimal on Cross Sections - Component Property	2	0 / Continuous	1
X		dsgnrd	Railing	Railings; Piperail, Guiderail, Handrail used for Pedestrian and Bicycles (All)	9	0 / Continuous	2
X		dsgnrd	Railing_pm	Railing Top - Component Point Property and Model Break Line	9	0 / Continuous	1
X		dsgnrd	Railing_px	Railing Components and Cross Sections Shapes	9	0 / Continuous	2
		dsgnrd	RailroadDetails	Railroad Crossing Details	3	0 / Continuous	2
		dsgnrd	RailroadXing	Railroad Crossing Elements	11	0 / Continuous	0
		dsgnrd	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
	A	dsgnrd	RegionBdry_dp	Boundary Line for Regions in Corridor Design (For AutoCAD Use)	0	0 / Continuous	0
X		dsgnrd	RetentionArea	Retention Area	2	0 / Continuous	2
X		dsgnrd	RipRap	Rip Rap, Rubble	4	0 / Continuous	2
X		dsgnrd	RipRap_px	Rip Rap, Rubble on Cross Sections	4	1 / DGN1	
		dsgnrd	RoadwayMisc	Roadway Items (Miscellaneous)	4	0 / Continuous	2
X		dsgnrd	RumbleStrip1	Rumble Strips Continuous Array (16 in)	0	PM-RumbleSolid	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		dsgnrd	RumbleStrip2	Rumble Strips Skip Array (16 in)	0	PM-RumbleSkip	2
X		drxsrd	RumbleStrip3	Rumble Strips Continuous Array (8 in)	0	PM-RumbleSolid8in	2
X		drxsrd	RumbleStrip4	Rumble Strips Skip Array (8 in)	0	PM-RumbleSkip8in	2
X		dsgnrd	RWLine	Right of Way Lines	4	RW-Proposed	3
X		dsgnrd	RWLine_ep	Right of Way Lines (Existing)	7	RW-Existing	0
X		dsgnrd	RWLine_ex	Right of Way Lines on Cross Sections (Existing)	3	RW-Existing	1
X		dsgnrd	RWLine_px	Right of Way Lines on Cross Sections	4	RW-Proposed	2
X		dsgnrd	SanitaryFM_ex	Force Main Lines on Cross Sections (Existing)	2	2 / DGN2	1
X		dsgnrd	SanitaryFM_px	Force Main Lines on Cross Sections	2	0 / Continuous	1
X		dsgnrd	SanitarySewer_ex	Sanitary Sewer on Cross Sections (Existing)	2	2 / DGN2	0
X		dsgnrd	SanitarySewer_px	Sanitary Sewer on Cross Sections	2	0 / Continuous	1
X		dsgnrd	SanitarySewerEff_ex	Sanitary Sewer Effluent on Cross Sections (Existing)	5	0 / Continuous	0
X		dsgnrd	SanitarySewerEff_px	Sanitary Sewer Effluent on Cross Sections	5	0 / Continuous	0
X		dsgnrd	SawCuts	Saw Cuts	3	3 / DGN3	0
		dsgnrd	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2
		dsgnrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		dsgnrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		dsgnrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		dsgnrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		dsgnrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
X		dsgnrd	SedimentBasin	Sediment Basin Index 101	10	0 / Continuous	2
X		dsgnrd	SedimentBasin_ep	Sediment Basin Index 101 (Existing)	10	3 / DGN3	1
		dsgnrd	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		dsgnrd	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		dsgnrd	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		dsgnrd	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		dsgnrd	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		dsgnrd	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
X		dsgnrd	ShldrBase_pm	Shoulder Base - Component Point Property and Model Break Line	3	0 / Continuous	1
X		dsgnrd	ShldrBase_px	Shoulder Base on Cross Sections	3	0 / Continuous	2
		dsgnrd	ShldrHatch	Shoulder Hatch Pattern	1	0 / RD-PavedShldr6	1
X		dsgnrd	ShldrMilling_pm	Shoulder Milling - Component Point Property and Model Break Line	7	0 / Continuous	1
X		dsgnrd	ShldrMilling_px	Shoulder Milling on Cross Sections - Component Property	7	0 / Continuous	2
X		dsgnrd	ShldrOverbuild_px	Shoulder Overbuild on Cross Sections - Component Property	4	0 / Continuous	1
X		dsgnrd	ShldrOverlay_px	Shoulder Overlay on Cross Sections - Component Property	1	0 / Continuous	1
X		dsgnrd	ShldrPavBreak_pm	Shoulder Pavement Roll Over Break - Component Point Property and Model Break Line	1	0 / Continuous	1
X		dsgnrd	ShldrPaved	Shoulder Line (Paved)	1	0 / Continuous	1
X		dsgnrd	ShldrPaved_pm	Shoulder Pavement - Component Point Property and Model Break Line	1	0 / Continuous	1
X		dsgnrd	ShldrPaved_px	Shoulder Lines on Cross Sections (Paved)	1	0 / Continuous	2
X		dsgnrd	ShldrUnpavBreak_pm	Shoulder Roll Over Break - Component Point Property and Model Break Line (Unpaved)	2	0 / Continuous	1
X		dsgnrd	ShldrUnpaved	Shoulder Line (Unpaved)	0	0 / Continuous	0
X		dsgnrd	ShldrUnpaved_px	Shoulder Line on Cross Sections (Unpaved)	2	0 / Continuous	2
X		dsgnrd	Sidewalk_ex	Sidewalk Elements on Cross Sections (Existing)	0	2 / DGN2	1
X		dsgnrd	Sidewalk_pm	Sidewalk - Component Point Property and Model Break Line	0	0 / Continuous	1
X		dsgnrd	Sidewalk_px	Sidewalk Elements on Cross Sections	0	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		dsgnrd	SidewalkBack	Back of Sidewalk	2	0 / Continuous	1
		dsgnrd	SidewalkBack_er	Back of Sidewalk Line Profile (Existing)	2	2 / DGN2	1
		dsgnrd	SidewalkBack_pr	Back of Sidewalk Line Profile	5	0 / Continuous	2
X		dsgnrd	SidewalkBase_px	Sidewalk Subgrade on Cross Sections	3	0 / Continuous	2
X		dsgnrd	SidewalkConc	Sidewalk Concrete Shape	0	0 / Continuous	2
X		dsgnrd	SidewalkFront	Front of Sidewalk	1	0 / Continuous	1
X		dsgnrd	SignSymbol_px	Sign Structure and Foundation on Cross Sections	4	0 / Continuous	2
X		dsgnrd	Slopes	Slopes (Top, Bottom)	9	3 / DGN3	0
X		dsgnrd	Slopes_px	Slope Lines on Cross Sections	9	0 / Continuous	2
X		dsgnrd	SlopesBreak_pm	Slopes - Component Point Property and Model Break Line	9	0 / Continuous	1
X		dsgnrd	SlopeStakes1	Slope Stakes 1	4	1 / DGN1	3
X		dsgnrd	SlopeStakes2	Slope Stakes 2	1	1 / DGN1	3
X	B	dsgnrd	SnglStaHndl_dp	Single Station Handle Display Setting for All Design Stages	44	0 / Continuous	1
X		dsgnrd	Sod	Performance Sod	2	0 / Continuous	2
X		dsgnrd	SoilBoring	Soil Boring Elements	5	0 / Continuous	1
		dsgnrd	SoilBoringLoc_dp	Soil Boring Location Symbol	4	0 / Continuous	2
		dsgnrd	SoilBoxes_dp	Soil Boxes	4	0 / Continuous	1
X		dsgnrd	SoilBoxes_px	Soil Boxes and Borings on Cross Sections	4	0 / Continuous	1
		dsgnrd	SpecialDetails	Special Details	6	0 / Continuous	1
		dsgnrd	SpecialDetails_px	Special Details on Cross Sections	6	0 / Continuous	1
		dsgnrd	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
		dsgnrd	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
X		dsgnrd	StreetLights_px	Street Lights on Cross Sections	3	0 / Continuous	1
X		dsgnrd	StructuralCourse	Asphaltic Concrete Structural Course	6	0 / Continuous	2
		dsgnrd	Structure	Structures	0	0 / Continuous	2
		dsgnrd	Structure_px	Signal and Sign Structures on Cross Sections	0	0 / Continuous	2
X		dsgnrd	SubDsgn_px	Sub Design on Cross Sections Including Sub-base	4	0 / Continuous	1
X		dsgnrd	Subsoil_px	Subsoil Or Undercut on Cross Sections	4	0 / Continuous	2
X		dsgnrd	SubsoilFinal_px	Subsoil Final for Multiline on Cross Sections	18	0 / Continuous	1
X		dsgnrd	SubsoilProp_px	Subsoil Proposed for Multiline on Cross Sections	8	0 / Continuous	1
	B	dsgnrd	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
	B	dsgnrd	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
	B	dsgnrd	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
	A	dsgnrd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
X		dsgnrd	TeleBur_ex	Telephone on Cross Sections (Buried) (Miscellaneous) (Existing)	6	2 / DGN2	1
X		dsgnrd	TeleBur_px	Telephone on Cross Sections (Buried) (Miscellaneous)	6	0 / Continuous	1
X		dsgnrd	TempBarrier_px	Temporary Barrier on Typical	6	0 / Continuous	2
X	B	dsgnrd	TemplateBottom_px	Bottom of Template for Multiline on Cross Sections	6	0 / Continuous	1
X	B	dsgnrd	TemplateFinal_px	Final Template for Multiline on Cross Sections	2	0 / Continuous	1
X	B	dsgnrd	TemplateTop_px	Top of Template for Multiline on Cross Sections	7	0 / Continuous	1
X		dsgnrd	TerrainLine_ex	Ground Line for Multiline on Cross Sections (Existing)	5	0 / Continuous	1
		dsgnrd	TextAlert	Text - Alert Label to Highlight a Problem	3	0 / Continuous	2
		dsgnrd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		dsgnrd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		dsgnrd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		dsgnrd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		dsgnrd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		dsgnrd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		dsgnrd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		dsgnrd	TextGeotech	Text - Soil Borings and Labels	0	0 / Continuous	2
		dsgnrd	TextLabel	Text - Label	0	0 / Continuous	2
		dsgnrd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		dsgnrd	TextMajor	Text - Major	0	0 / Continuous	5
		dsgnrd	TextMinor	Text - Minor	0	0 / Continuous	0
		dsgnrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		dsgnrd	TextNotes	Text - Notes	4	0 / Continuous	1
		dsgnrd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		dsgnrd	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		dsgnrd	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		dsgnrd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		dsgnrd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		dsgnrd	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		dsgnrd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		dsgnrd	TextTitle	Text - Title	0	0 / Continuous	3
		dsgnrd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		dsgnrd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		dsgnrd	TextXSBL_dp	Text - Cross Section Baseline Labels	0	0 / Continuous	2
		dsgnrd	TextXSDrain_ex	Text - Cross Section Drainage Labels (Existing)	10	0 / Continuous	2
		dsgnrd	TextXSDrain_px	Text - Cross Section Drainage Labels	10	0 / Continuous	2
		dsgnrd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
		dsgnrd	TextXSElev_ex	Text - Cross Section Elevations (Existing)	2	0 / Continuous	1
		dsgnrd	TextXSElev_px	Text - Cross Section Elevations	0	0 / Continuous	1
	B	dsgnrd	TextXSGPKPts_dp	Text - Cross Section Points Labels	4	0 / Continuous	0
		dsgnrd	TextXSNotes_dp	Text - Cross Section Notes	0	0 / Continuous	2
		dsgnrd	TextXSSlope_dp	Text - Cross Section Slope Labels (rise:run format)	0	0 / Continuous	2
		dsgnrd	TextXSSlopePvt_dp	Text - Cross Section Pavement Slope Labels	0	0 / Continuous	2
X	B	dsgnrd	TmpDrpHndlStg1_dp	Template Drop Handle Display Setting on Corridor Design Stage 1	14	0 / Continuous	1
X	B	dsgnrd	TmpDrpHndlStg2_dp	Template Drop Handle Display Setting on Corridor Design Stage 2	10	0 / Continuous	1
X	B	dsgnrd	TmpDrpHndlStg3_dp	Template Drop Handle Display Setting on Corridor Design Stage 3	6	0 / Continuous	1
X		dsgnrd	TrafSeparator	Traffic Separator (All Types)	6	0 / Continuous	1
X		dsgnrd	TrafSeparator_ex	Traffic Separator on Cross Sections (All Types) (Existing)	6	2 / DGN2	1
X		dsgnrd	TrafSeparator_pm	Traffic Separator Top - Component Point Property and Model Break Line	6	0 / Continuous	1
X		dsgnrd	TrafSeparator_px	Traffic Separator on Cross Sections (All Types)	6	0 / Continuous	2
X		dsgnrd	TrafSeparatorBase_px	Traffic Separator Subgrade on Cross Sections	3	0 / Continuous	2
X	B	dsgnrd	TranstionHndl_dp	Transition Handle Display Setting for All Design Stages	29	0 / Continuous	1
X		dsgnrd	TubularMarker_px	Tubular Markers on Typical	6	0 / Continuous	2
X		dsgnrd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
		dsgnrd	TurbidityBarrier1_ep	Turbidity Barrier 1 (Floating) (Existing)	10	1 / DGN1	2
X		dsgnrd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
		dsgnrd	TurbidityBarrier2_ep	Turbidity Barrier 2 (Staked) (Existing)	10	1 / DGN1	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		dsgnrd	Turf	Performance Turf	100	0 / Continuous	2
		dsgnrd	TurningEle_dp	Turning Radius Elements (Miscellaneous)	4	0 / Continuous	1
		dsgnrd	TurningRadius_dp	Turning Radius Line	3	3 / DGN3	1
		dsgnrd	TypicalMisc	Typical Items (Miscellaneous)	0	0 / Continuous	2
		dsgnrd	UtilsMisc_ex	Utility Items on Cross Sections (Miscellaneous) (Existing)	8	2 / DGN2	1
		dsgnrd	UtilsMisc_px	Utility Items on Cross Sections (Miscellaneous)	8	0 / Continuous	1
		dsgnrd	Vehicle	Vehicle for Calculating Turning Radius	7	0 / Continuous	2
	A	dsgnrd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
		dsgnrd	VoidArea_dx	Void Area on Cross Sections	1	0 / Continuous	0
X		dsgnrd	WallBarrier	Barrier Wall (All Types)	6	0 / Continuous	2
X		dsgnrd	WallBarrier_ex	Barrier Wall on Cross Section (Existing)	6	3 / DGN3	2
X		dsgnrd	WallBarrier_pm	Barrier Wall Top - Component Point Property and Model Break Line	6	0 / Continuous	1
X		dsgnrd	WallBarrier_px	Barrier Wall on Cross Sections	6	0 / Continuous	2
X		dsgnrd	WallFooter_pm	Wall Footer Top - Component Point Property and Model Break Line	2	0 / Continuous	1
X		dsgnrd	WallFooter_px	Wall Footer (Concrete) on Cross Sections - Component Symbolology/Material on All Wall Footers/Leveling Pads	2	0 / Continuous	1
X		dsgnrd	WallGravBase_px	Gravity Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		dsgnrd	WallGravity	Gravity Wall	11	0 / Continuous	1
X		dsgnrd	WallGravity_pm	Gravity Wall Top - Component Point Property and Model Break Line	11	0 / Continuous	1
X		dsgnrd	WallGravity_px	Gravity Wall on Cross Sections	11	0 / Continuous	2
X		dsgnrd	WallMedianBase_px	Median Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		dsgnrd	WallNoise	Noise Wall (All Types)	11	0 / Continuous	2
X		dsgnrd	WallRetain	Retaining Wall System	6	0 / Continuous	1
X		dsgnrd	WallRetain_pm	Retaining Wall Top - Component Point Property and Model Break Line	6	0 / Continuous	1
X		dsgnrd	WallRetain_pr	Retaining Wall Profile	9	0 / Continuous	2
X		dsgnrd	WallRetain_px	Retaining Walls on Cross Sections	6	0 / Continuous	1
X		dsgnrd	WallShldrBase_px	Shoulder Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		dsgnrd	Water_ex	Water on Cross Sections (Existing)	1	2 / DGN2	1
X		dsgnrd	Water_px	Water on Cross Sections	1	0 / Continuous	1
X		dsgnrd	WaterNP_ex	Raw Water Pipes on Cross Sections (Existing)	5	0 / Continuous	1
X		dsgnrd	WaterNP_px	Raw Water Pipes on Cross Sections	5	0 / Continuous	1
		dsgnrd	Wetland	Wetland Boundary	2	RD-Wetland-Proposed	1
		dsgnrd	Wetland_ex	Wetland Boundary on Cross Sections (Existing)	2	RD-Wetland-Existing	1
		dsgnrd	WetlandEM_ep	Edge of Mangrove (Existing)	2	RD-Wetland-Existing	0
		dsgnrd	WetlandMAR_ep	Edge of Wetlands (Marsh or Swamp) (Existing)	2	RD-Wetland-Existing	0
		dsgnrd	Widening	Widening Patterns and Miscellaneous Elements	1	0 / Continuous	1
	A	dsgnrd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dsgnrd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dsgnrd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dsgnrd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
X		dsgnrd	XSBaseTop_px	Cross Section Top of Base	3	0 / Continuous	2
		dsgnrd	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1
X		dsgnrd	XSExtendGrdLine_ex	Cross Section Extend Ground Lines (Existing)	21	2 / DGN2	1
X		dsgnrd	XSGrdLine_ex	Cross Section Ground Lines (Existing)	2	2 / DGN2	1
X		dsgnrd	XSGrdLine_px	Cross Section Roadway Ground Lines	1	0 / Continuous	2
		dsgnrd	XSMisc_ex	Cross Section Roadway Items (Miscellaneous (Existing)	4	3 / DGN3	1
		dsgnrd	XSMisc_px	Cross Section Items (Miscellaneous)	0	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		dsgnrd	XSPatternlines_ep	Cross Section Chain (Existing)	2	1 / DGN1	0
		dsgnrd	XSPt_ep	Cross Section Point, Station (Existing)	2	1 / DGN1	0
	B	dsgnrd	XSShapeDep01_dp	Cross Section Shape Dependent	11	0 / Continuous	2
	B	dsgnrd	XSShapeDep02_dp	Cross Section Shape Dependent	12	0 / Continuous	2
	B	dsgnrd	XSShapeDep03_dp	Cross Section Shape Dependent	13	0 / Continuous	2
	B	dsgnrd	XSShapeDep04_dp	Cross Section Shape Dependent	14	0 / Continuous	2
	B	dsgnrd	XSShapeDep05_dp	Cross Section Shape Dependent	15	0 / Continuous	2
	B	dsgnrd	XSShapeDep06_dp	Cross Section Shape Dependent	16	0 / Continuous	2
	B	dsgnrd	XSShapeDep07_dp	Cross Section Shape Dependent	17	0 / Continuous	2
	B	dsgnrd	XSShapeDep08_dp	Cross Section Shape Dependent	18	0 / Continuous	2
	B	dsgnrd	XSShapeDep09_dp	Cross Section Shape Dependent	19	0 / Continuous	2
	B	dsgnrd	XSShapeDep10_dp	Cross Section Shape Dependent	20	0 / Continuous	2
	B	dsgnrd	XSShapeIndep01_dp	Cross Section Shape Independent	1	0 / Continuous	2
	B	dsgnrd	XSShapeIndep02_dp	Cross Section Shape Independent	2	0 / Continuous	2
	B	dsgnrd	XSShapeIndep03_dp	Cross Section Shape Independent	3	0 / Continuous	2
	B	dsgnrd	XSShapeIndep04_dp	Cross Section Shape Independent	4	0 / Continuous	2
	B	dsgnrd	XSShapeIndep05_dp	Cross Section Shape Independent	5	0 / Continuous	2
	B	dsgnrd	XSShapeIndep06_dp	Cross Section Shape Independent	6	0 / Continuous	2
	B	dsgnrd	XSShapeIndep07_dp	Cross Section Shape Independent	7	0 / Continuous	2
	B	dsgnrd	XSShapeIndep08_dp	Cross Section Shape Independent	8	0 / Continuous	2
	B	dsgnrd	XSShapeIndep09_dp	Cross Section Shape Independent	9	0 / Continuous	2
	B	dsgnrd	XSShapeIndep10_dp	Cross Section Shape Independent	10	0 / Continuous	2
X		dsgnrd	XSTypical_px	Cross Section Roadway Pavement Typical	1	0 / Continuous	2

DSGNSG - Signalization Design

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	dsgnsg	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	dsgnsg	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		dsgnsg	BaselineSurvey	Baseline Survey	0	0 / Continuous	2
		dsgnsg	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
		dsgnsg	Cloud_dp	Construction Cloud	7	0 / Continuous	2
		dsgnsg	COGO_dp	COGO Information	3	0 / Continuous	1
X		dsgnsg	Conduit	Conduit for Utilities and Encasements	3	SG-Conduit	2
X		dsgnsg	ConduitAG	Conduit (Above Ground)	4	SG-ConduitAG-Proposed	1
X		dsgnsg	ConduitBM	Conduit – Bridge Mount	5	SG-ConduitBM-Proposed	1
X		dsgnsg	ConduitDB	Conduit – Directional Bore	2	SG-ConduitDB-Proposed	1
X		dsgnsg	ConduitJB	Conduit – Jack & Bore Under Rail	3	SG-ConduitJB-Proposed	1
X		dsgnsg	ConduitOT	Conduit – Open Trench	1	SG-ConduitOT-Proposed	1
		dsgnsg	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		dsgnsg	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
		dsgnsg	ConstLines	Construction Lines and References	1	0 / Continuous	0
		dsgnsg	ConstLines_pm	Construction Lines	4	0 / Continuous	0
X		dsgnsg	Controller	Controller and Accessories	0	0 / Continuous	2
X		dsgnsg	Controller_ep	Controller and Accessories (Existing)	0	2 / DGN2	1
X		dsgnsg	ControllerAcess	Controller Accessories	0	0 / Continuous	1
X		dsgnsg	ControllerB	Controller - Base Mounted	0	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		dsgnsg	ControllerB_ep	Controller - Base Mounted (Existing)	0	2 / DGN2	1
X		dsgnsg	ControllerP	Controller Pole Mount	0	0 / Continuous	2
X		dsgnsg	ControllerP_ep	Controller Pole Mount (Existing)	0	2 / DGN2	1
		dsgnsg	CurveData_dp	Curve and Coordinate Data Elements Including PC, PT, PI Symbols	4	0 / Continuous	2
		dsgnsg	CurveDataLabel_dp	Curve Data Labels PC,PI, PT	0	0 / Continuous	2
X		dsgnsg	Delineator	Delineators (All Types)	4	0 / Continuous	1
X		dsgnsg	Detector	Detector Cabinet, Button and Miscellaneous Assemblies	3	0 / Continuous	2
X		dsgnsg	DetectorVeh	Detector Vehicle Assemblies (All Types)	3	0 / Continuous	1
		dsgnsg	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		dsgnsg	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		dsgnsg	ElecBur	Electrical (Buried)	3	UT-BuriedElec-Proposed	2
X		dsgnsg	ElecServ	Electrical Service (Miscellaneous)	3	0 / Continuous	2
X		dsgnsg	ElecServWire	Electrical Service Wire	3	0 / Continuous	2
X		dsgnsg	FOCBur	Fiber Optics Cable (Buried)	6	UT-BuriedFOC-Proposed	2
		dsgnsg	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		dsgnsg	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		dsgnsg	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
		dsgnsg	GSBWFill	GuidSign Black and White Fill Level for GuidSign Cells	0	0 / Continuous	1
		dsgnsg	GSColorFill	GuidSign Color Fill Level for GuidSign Cells	2	0 / Continuous	1
		dsgnsg	GSDims	GuidSign Dimensions	0	0 / Continuous	1
		dsgnsg	GSOOutline	GuidSign Outline Level for GuidSign Cells	0	0 / Continuous	2
		dsgnsg	GSSign	GuidSign Panel and Tag	7	0 / Continuous	0
X		dsgnsg	GuyWire	Guy Wire	3	0 / Continuous	2
		dsgnsg	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		dsgnsg	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		dsgnsg	InRoadLight	In-Roadway Light Assembly	0	0 / Continuous	2
X		dsgnsg	Insulator	Insulator, Fiberglass	3	0 / Continuous	4
X		dsgnsg	InterconCable	Cable Interconnect	1	SG-InterconCable-Proposed	1
X		dsgnsg	InterconCable_ep	Interconnect Cable (Existing)	1	SG-InterconCable-Existing	0
X		dsgnsg	JunctBox	Junction Boxes, Service Cabinet (Elec/Tel)	3	0 / Continuous	2
		dsgnsg	JunctBox_ep	Junction Box / Service Cabinet (Elec/Tel) (Existing)	3	1 / DGN1	1
X		dsgnsg	JunctBoxA	Junction Boxes (Aerial)	3	0 / Continuous	1
X		dsgnsg	JunctBoxA_ep	Junction Boxes (Aerial) (Existing)	3	1 / DGN1	0
		dsgnsg	LaneDirArrow	Lane Directional Arrow	0	0 / Continuous	1
		dsgnsg	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
X		dsgnsg	LoadCenter	Load Center	2	0 / Continuous	1
X		dsgnsg	LoadCenter_ep	Load Center (Existing)	2	5 / DGN5	0
		dsgnsg	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
X		dsgnsg	LoopLI	Loop Lead-In	3	0 / Continuous	1
X		dsgnsg	LoopLI_ep	Loop Lead-In (Existing)	3	2 / DGN2	0
X		dsgnsg	Loops	Loop Assembly (All Types)	2	0 / Continuous	2
X		dsgnsg	Loops_ep	Loop Assembly (All Types) (Existing)	2	2 / DGN2	2
		dsgnsg	MatchLines_dp	Match Lines with Text, Arrows for Station Notations	1	0 / Continuous	2
X		dsgnsg	MessengerWire	Messenger Wire	3	0 / Continuous	1
		dsgnsg	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		dsgnsg	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		dsgnsg	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		dsgnsg	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		dsgnsg	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		dsgnsg	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		dsgnsg	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		dsgnsg	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		dsgnsg	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		dsgnsg	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		dsgnsg	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		dsgnsg	NorthArw_dp	North Arrows	0	0 / Continuous	2
X		dsgnsg	ObjectMarker	Object and Reflective Markers	3	0 / Continuous	1
X		dsgnsg	OverheadSign	Overhead Sign Panels	0	0 / Continuous	2
X		dsgnsg	OverheadSign_ep	Overhead Sign Panels (Existing)	0	3 / DGN3	1
X		dsgnsg	OverheadStr	Mast Arm, Truss Assemblies, Signal Arms and Supports	0	0 / Continuous	2
X		dsgnsg	OverheadStr_ep	Mast Arm, Truss Assemblies, Signal Arms and Supports (Existing)	0	3 / DGN3	1
X		dsgnsg	PavtMessage	Pavement Message (All Types)	0	0 / Continuous	1
X		dsgnsg	PavtMessage_ep	Pavement Message (All Types) (Existing)	0	2 / DGN2	0
		dsgnsg	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		dsgnsg	PedDetector	Pedestrian Detector	0	0 / Continuous	2
X		dsgnsg	Pedestal	Pedestal	1	0 / Continuous	1
X		dsgnsg	Pedestal_ep	Pedestal (Existing)	1	2 / DGN2	1
X		dsgnsg	PedHead	Pedestrian Head (All Types)	1	0 / Continuous	1
X		dsgnsg	PedHead_ep	Pedestrian Head (All Types) (Existing)	0	2 / DGN2	1
X		dsgnsg	PlotBorder_dp	Plot Border	3	0 / Continuous	0
X		dsgnsg	PMCeramic	Pavement Markers Ceramic	0	0 / Continuous	1
		dsgnsg	PMMisc	Pavement Marking Items (Miscellaneous)	0	0 / Continuous	2
X	A	dsgnsg	PMSkip(10-10-20)	Pavement Marking 10/10/20 Skip Traffic Stripe 6in Contrast	0	0 / PM-Skip-Stripe 10-10-20	2
X	A	dsgnsg	PMSkip(2-2-2)	Pavement Marking 2/2/2 Skip Traffic Stripe 6in Contrast	0	0 / PM-Skip-Stripe 2-2-2	2
X	A	dsgnsg	PMSkip12W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 12in White	0	0 / PM-Skip-Stripe 2-4	4
X	A	dsgnsg	PMSkip12W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 12in White	0	0 / PM-Skip-Stripe 3-9	4
X	A	dsgnsg	PMSkip6B(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Black	3	0 / PM-Skip-Stripe 10-30	2
X	A	dsgnsg	PMSkip6W(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 10-30	2
X	A	dsgnsg	PMSkip6W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 2-4	2
X	A	dsgnsg	PMSkip6W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 3-9	2
X	A	dsgnsg	PMSkip6W(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 6-10	2
X	A	dsgnsg	PMSkip6Y(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 10-30	2
X	A	dsgnsg	PMSkip6Y(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 2-4	2
X	A	dsgnsg	PMSkip6Y(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 6-10	2
X	A	dsgnsg	PMSkip8W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 8in White	0	0 / PM-Skip-Stripe 3-9	2
X	A	dsgnsg	PMSkip9C(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 9in Contrast	0	0 / PM-Skip-Stripe 10-30	2
X		dsgnsg	PMStripe(10-10-20)	Pavement Marking 10/10/20 Skip Traffic Stripe 6in Contrast	0	PM-Stripe-10' 20'Skip / PM-Stripe-SKIP 10-10-20	2
X		dsgnsg	PMStripe(2-2-2)	Pavement Marking 2/2/2 Skip Traffic Stripe 6in Contrast	0	PM-Stripe-2' 2'Skip / PM-Stripe-SKIP 2-2-2	2
X		dsgnsg	PMStripe12B	Pavement Marking Traffic Stripe 12in Black	3	0 / Continuous	4
X		dsgnsg	PMStripe12W	Pavement Marking Traffic Stripe 12in White	0	0 / Continuous	4
X		dsgnsg	PMStripe12W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 12in White	0	0 / PM-Stripe-SKIP 2-4	4
X		dsgnsg	PMStripe12W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 12in White	0	0 / PM-Stripe-SKIP 3-9	4
X		dsgnsg	PMStripe12Y	Pavement Marking Traffic Stripe 12in Yellow	4	0 / Continuous	4
X		dsgnsg	PMStripe16B	Pavement Marking Traffic Stripe 16in Black	3	0 / Continuous	5
X		dsgnsg	PMStripe16W	Pavement Marking Traffic Stripe 16in White	0	0 / Continuous	5
X		dsgnsg	PMStripe16Y	Pavement Marking Traffic Stripe 16in Yellow	4	0 / Continuous	5
X		dsgnsg	PMStripe18B	Pavement Marking Traffic Stripe 18in Black	3	0 / Continuous	6
X		dsgnsg	PMStripe18W	Pavement Marking Traffic Stripe 18in White	0	0 / Continuous	6
X		dsgnsg	PMStripe18Y	Pavement Marking Traffic Stripe 18in Yellow	4	0 / Continuous	6
X		dsgnsg	PMStripe24W	Pavement Marking Traffic Stripe 24in White	0	0 / Continuous	7

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		dsgnsg	PMStripe24Y	Pavement Marking Traffic Stripe 24in Yellow	4	0 / Continuous	7
X		dsgnsg	PMStripe6B	Pavement Marking Traffic Stripe 6in Black	3	0 / Continuous	2
X		dsgnsg	PMStripe6B(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Black	3	0 / PM-Stripe-SKIP 10-30	2
X		dsgnsg	PMStripe6Bl	Pavement Marking Traffic Stripe 6in Blue	1	0 / Continuous	2
X		dsgnsg	PMStripe6DY	Pavement Marking Traffic Stripe 6in Double Yellow	4	0 / Continuous	2
X		dsgnsg	PMStripe6W	Pavement Marking Traffic Stripe 6in White	0	0 / Continuous	2
X		dsgnsg	PMStripe6W(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 10-30	2
X		dsgnsg	PMStripe6W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 2-4	2
X		dsgnsg	PMStripe6W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 3-9	2
X		dsgnsg	PMStripe6W(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 6-10	2
X		dsgnsg	PMStripe6Y	Pavement Marking Traffic Stripe 6in Yellow	4	0 / Continuous	2
X		dsgnsg	PMStripe6Y(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 10-30	2
X		dsgnsg	PMStripe6Y(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 2-4	2
X		dsgnsg	PMStripe6Y(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 6-10	2
X		dsgnsg	PMStripe8B	Pavement Marking Traffic Stripe 8in Black	3	0 / Continuous	3
X		dsgnsg	PMStripe8W	Pavement Marking Traffic Stripe 8in White	0	0 / Continuous	3
X		dsgnsg	PMStripe8W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 8in White	0	0 / PM-Stripe-SKIP 3-9	2
X		dsgnsg	PMStripe8Y	Pavement Marking Traffic Stripe 8in Yellow	4	0 / Continuous	3
X		dsgnsg	PMStripe9C(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 9in Contrast	0	0 / PM-Stripe-SKIP 10-30	2
X		dsgnsg	PMStripeRumbleCL	Center Line Rumble Stripes (Use to Quantify Rumble Strips) (NonPlotting)	4	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		dsgnsg	PMStripeRumbleWL	Rumble Stripes (6in White Thermoplastic Over Rumble Strips) (Left)	0	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		dsgnsg	PMStripeRumbleWR	Rumble Stripes (6in White Thermoplastic Over Rumble Strips) (Right)	0	PM-Stripe-RumbleStripeRight / PM-Stripe-RumbleStripe	2
X		dsgnsg	PMStripeRumbleYL	Rumble Stripes (6in Yellow Thermoplastic Over Rumble Strips) (Left)	4	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		dsgnsg	PMStripeRumbleYR	Rumble Stripes (6in Yellow Thermoplastic Over Rumble Strips) (Right)	4	PM-Stripe-RumbleStripeRight / PM-Stripe-RumbleStripe	2
X		dsgnsg	PMStripeVibeWL	Pavement Marking Auditory and Vibratory 6in White (Left)	0	PM-Stripe-VibratoryLeft / PM-Stripe-Vibratory	2
X		dsgnsg	PMStripeVibeWR	Pavement Marking Auditory and Vibratory 6in White (Right)	0	PM-Stripe-VibratoryRight / PM-Stripe-Vibratory	2
X		dsgnsg	PMStripeVibeYL	Pavement Marking Auditory and Vibratory 6in Yellow (Left)	4	PM-Stripe-VibratoryLeft / PM-Stripe-Vibratory	2
X		dsgnsg	PMStripeVibeYR	Pavement Marking Auditory and Vibratory 6in Yellow (Right)	4	PM-Stripe-VibratoryRight / PM-Stripe-Vibratory	2
		dsgnsg	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
X		dsgnsg	PoleConc	Concrete Strain Pole	0	0 / Continuous	2
X		dsgnsg	PoleConc_ep	Concrete Strain Pole (Existing)	0	2 / DGN2	1
X		dsgnsg	PoleElec	Electrical Pole w/ Transformer	3	0 / Continuous	2
X		dsgnsg	PoleFound	Pole Foundation	0	0 / Continuous	2
X		dsgnsg	PoleLight	Light Pole	2	0 / Continuous	1
X		dsgnsg	PoleLight_ep	Light Pole (Existing)	2	2 / DGN2	1
X		dsgnsg	PoleLightHM	High Mast Light Pole	3	0 / Continuous	1
X		dsgnsg	PoleLightHM_ep	High Mast Light Pole (Existing)	2	2 / DGN2	1
		dsgnsg	PoleLightID	Light Pole Location / ID	4	0 / Continuous	1
X		dsgnsg	PoleShared	Power Pole Electric (Above Ground) Shared w/ Transformer	3	0 / Continuous	2
X		dsgnsg	PoleSteelStrain	Steel Strain Pole	0	0 / Continuous	2
X		dsgnsg	PoleSteelStrain_ep	Steel Strain Pole (Existing)	0	2 / DGN2	1
X		dsgnsg	PoleTel	Telephone Pole	6	0 / Continuous	2
X		dsgnsg	PoleUtil	Utility Pole	0	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		dsgnsg	PoleWoodStrain	Wood Strain Pole	0	0 / Continuous	2
X		dsgnsg	PoleWoodStrain_ep	Wood Strain Pole (Existing)	0	2 / DGN2	1
X		dsgnsg	PullBox	Pull Boxes (All Types)	3	0 / Continuous	1
		dsgnsg	PullBox_ep	Wiring Pull Box (Lighting or Signal) (Existing)	3	1 / DGN1	1
		dsgnsg	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X		dsgnsg	SawCuts	Saw Cuts	3	3 / DGN3	0
		dsgnsg	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2
		dsgnsg	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		dsgnsg	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		dsgnsg	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		dsgnsg	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		dsgnsg	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		dsgnsg	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		dsgnsg	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		dsgnsg	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		dsgnsg	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		dsgnsg	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		dsgnsg	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
X		dsgnsg	SignalCable	Signal Cable	3	SG-Cable / Continuous	1
X		dsgnsg	SignalCableAccs	Signal Cable Accessories	0	0 / Continuous	2
X		dsgnsg	SignalDetail	Signal Details	0	0 / Continuous	1
		dsgnsg	SignalHead	Signal Head Section Details	2	0 / Continuous	1
X		dsgnsg	SignalHead_ep	Signal Head Section Details (Existing)	2	2 / DGN2	0
		dsgnsg	SignalMisc	Signal Equipment (Miscellaneous)	3	0 / Continuous	1
X		dsgnsg	SignalSOP	Signal Operating Plan (SOP) Box and Movements	0	0 / Continuous	2
X		dsgnsg	SignalSym	Signal Head Symbols	0	0 / Continuous	1
X		dsgnsg	SignalSym_ep	Signal Head Symbols (Existing)	3	2 / DGN2	0
X		dsgnsg	SignCantilever	Sign Symbol Cantilever	0	0 / Continuous	1
X		dsgnsg	SignCantilever_ep	Sign Symbol Cantilever (Existing)	0	2 / DGN2	0
		dsgnsg	SignDetail	Sign Details	0	0 / Continuous	2
X		dsgnsg	SignDMS	Dynamic Message Sign	0	0 / Continuous	1
		dsgnsg	SignLettersAZ	Alphabet Cell Library Letter A-Z Numbers 0-9	0	0 / Continuous	0
		dsgnsg	SignMisc	Sign Symbols (Miscellaneous)	3	0 / Continuous	1
		dsgnsg	SignMisc_ep	Sign Symbols (Miscellaneous) (Existing)	1	1 / DGN1	1
X		dsgnsg	SignPanel	Sign Panels - Regulatory	0	0 / Continuous	2
X		dsgnsg	SignPanel_ep	Sign Panel Elements (Existing)	0	2 / DGN2	1
X		dsgnsg	SignPanelBorder	Sign Panel Border on Sign Details	0	0 / Continuous	1
X		dsgnsg	SignPanelC	Sign Panels - Civil	1	0 / Continuous	2
X		dsgnsg	SignPanelDetRed	Sign Panel Details in Red	3	0 / Continuous	2
X		dsgnsg	SignPanelG	Sign Panels - Guide	2	0 / Continuous	2
X		dsgnsg	SignPanell	Sign Panels - Special Interest	9	0 / Continuous	2
X		dsgnsg	SignPanelT	Sign Panels - Construction	6	0 / Continuous	2
X		dsgnsg	SignPanelW	Sign Panels - Warning	4	0 / Continuous	2
X		dsgnsg	SignSpanwire	Span Wire Signing Assembly	2	0 / Continuous	1
X		dsgnsg	SignSpanwire_ep	Span Wire Signing Assembly (Existing)	2	2 / DGN2	1
X		dsgnsg	SignSpecial	Special Signs / Guide Signs	2	0 / Continuous	2
X		dsgnsg	SignSupport	Ground Mounted Sign Support Symbol (All Types)	1	0 / Continuous	1
		dsgnsg	SignSupport_ep	Ground Mounted Sign Support Symbol (All Types) (Existing)	0	3 / DGN3	1
X		dsgnsg	SignSymbol_px	Sign Structure and Foundation on Cross Sections	4	0 / Continuous	2
X		dsgnsg	SignTruss	Sign Symbol Truss	3	0 / Continuous	1
X		dsgnsg	SignTruss_ep	Sign Symbol Truss (Existing)	3	2 / DGN2	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		dsgnsg	SpecialDetails	Special Details	6	0 / Continuous	1
		dsgnsg	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
		dsgnsg	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
	B	dsgnsg	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
	B	dsgnsg	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
	B	dsgnsg	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
	A	dsgnsg	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
		dsgnsg	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		dsgnsg	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		dsgnsg	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		dsgnsg	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		dsgnsg	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		dsgnsg	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		dsgnsg	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		dsgnsg	TextLabel	Text - Label	0	0 / Continuous	2
		dsgnsg	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		dsgnsg	TextMajor	Text - Major	0	0 / Continuous	5
		dsgnsg	TextMinor	Text - Minor	0	0 / Continuous	0
		dsgnsg	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		dsgnsg	TextNotes	Text - Notes	4	0 / Continuous	1
		dsgnsg	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		dsgnsg	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		dsgnsg	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		dsgnsg	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		dsgnsg	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		dsgnsg	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		dsgnsg	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		dsgnsg	TextTitle	Text - Title	0	0 / Continuous	3
		dsgnsg	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		dsgnsg	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		dsgnsg	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X		dsgnsg	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		dsgnsg	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
	A	dsgnsg	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
	A	dsgnsg	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dsgnsg	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dsgnsg	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dsgnsg	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		dsgnsg	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1

DSGNP - Signing and Pavement Marking Design

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	dsgnsp	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	dsgnsp	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		dsgnsp	BaselineSurvey	Baseline Survey	0	0 / Continuous	2
X		dsgnsp	BikeLaneColorPavt	Green Bike Lane Pavement	2	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		dsgnsp	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
		dsgnsp	Cloud_dp	Construction Cloud	7	0 / Continuous	2
		dsgnsp	COGO_dp	COGO Information	3	0 / Continuous	1
X		dsgnsp	ConduitAG	Conduit (Above Ground)	4	SG-ConduitAG-Proposed	1
X		dsgnsp	ConduitBM	Conduit – Bridge Mount	5	SG-ConduitBM-Proposed	1
X		dsgnsp	ConduitDB	Conduit – Directional Bore	2	SG-ConduitDB-Proposed	1
X		dsgnsp	ConduitJB	Conduit – Jack & Bore Under Rail	3	SG-ConduitJB-Proposed	1
X		dsgnsp	ConduitOT	Conduit – Open Trench	1	SG-ConduitOT-Proposed	1
		dsgnsp	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		dsgnsp	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
		dsgnsp	ConstLines	Construction Lines and References	1	0 / Continuous	0
		dsgnsp	ConstLines_pm	Construction Lines	4	0 / Continuous	0
X		dsgnsp	CrossWalk1	Emphasis Crosswalk 6ft High	0	PM-Stripe-6' Crosswalk	4
X		dsgnsp	CrossWalk2	Emphasis Crosswalk 10ft High	0	PM-Stripe-10' Crosswalk	4
		dsgnsp	CurveData_dp	Curve and Coordinate Data Elements Including PC, PT, PI Symbols	4	0 / Continuous	2
		dsgnsp	CurveDataLabel_dp	Curve Data Labels PC,PI, PT	0	0 / Continuous	2
X		dsgnsp	Delineator	Delineators (All Types)	4	0 / Continuous	1
		dsgnsp	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		dsgnsp	DirArrowsPavt	Pavement Marking Directional Arrows	0	0 / Continuous	1
X		dsgnsp	EaseLicLine	Easement License Agreement Line	0	RW-License	1
		dsgnsp	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		dsgnsp	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		dsgnsp	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
		dsgnsp	GSBWFill	GuidSign Black and White Fill Level for GuidSign Cells	0	0 / Continuous	1
		dsgnsp	GSColorFill	GuidSign Color Fill Level for GuidSign Cells	2	0 / Continuous	1
		dsgnsp	GSDims	GuidSign Dimensions	0	0 / Continuous	1
		dsgnsp	GSOOutline	GuidSign Outline Level for GuidSign Cells	0	0 / Continuous	2
		dsgnsp	GSSign	GuidSign Panel and Tag	7	0 / Continuous	0
		dsgnsp	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		dsgnsp	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		dsgnsp	InRoadLight	In-Roadway Light Assembly	0	0 / Continuous	2
		dsgnsp	LaneDirArrow	Lane Directional Arrow	0	0 / Continuous	1
		dsgnsp	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		dsgnsp	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
		dsgnsp	MatchLines_dp	Match Lines with Text, Arrows for Station Notations	1	0 / Continuous	2
X		dsgnsp	MetalButtons	Metal Buttons	0	0 / Continuous	2
		dsgnsp	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		dsgnsp	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		dsgnsp	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		dsgnsp	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		dsgnsp	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		dsgnsp	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		dsgnsp	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		dsgnsp	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		dsgnsp	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		dsgnsp	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		dsgnsp	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		dsgnsp	NorthArw_dp	North Arrows	0	0 / Continuous	2
X		dsgnsp	ObjectMarker	Object and Reflective Markers	3	0 / Continuous	1
X		dsgnsp	OverheadSign	Overhead Sign Panels	0	0 / Continuous	2
X		dsgnsp	OverheadSign_ep	Overhead Sign Panels (Existing)	0	3 / DGN3	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		dsgnsp	OverheadStr	Mast Arm, Truss Assemblies, Signal Arms and Supports	0	0 / Continuous	2
X		dsgnsp	OverheadStr_ep	Mast Arm, Truss Assemblies, Signal Arms and Supports (Existing)	0	3 / DGN3	1
X		dsgnsp	PavtMessage	Pavement Message (All Types)	0	0 / Continuous	1
X		dsgnsp	PavtMessage_ep	Pavement Message (All Types) (Existing)	0	2 / DGN2	0
		dsgnsp	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		dsgnsp	PlotBorder_dp	Plot Border	3	0 / Continuous	0
		dsgnsp	PMAccessible_ep	Pavement Marking Symbol - Accessible (Handicap) (Existing)	0	2 / DGN2	0
		dsgnsp	PMAHEAD_ep	Pavement Marking Symbol - AHEAD (Existing)	0	2 / DGN2	0
		dsgnsp	PMBIKE_ep	Pavement Marking Symbol Bicycle (Existing)	0	2 / DGN2	0
		dsgnsp	PMBUS_ep	Pavement Marking Symbol BUS (Existing)	0	2 / DGN2	0
X		dsgnsp	PMCeramic	Pavement Markers Ceramic	0	0 / Continuous	1
		dsgnsp	PMHUMP_ep	Pavement Marking Symbol HUMP (Existing)	0	2 / DGN2	0
		dsgnsp	PMLANE_ep	Pavement Marking Symbol LANE (Existing)	0	2 / DGN2	0
		dsgnsp	PMMERGE_ep	Pavement Marking Symbol MERGE (Existing)	0	2 / DGN2	0
		dsgnsp	PMMisc	Pavement Marking Items (Miscellaneous)	0	0 / Continuous	2
		dsgnsp	PMONLY_ep	Pavement Marking Symbol ONLY (Existing)	0	2 / DGN2	0
		dsgnsp	PMRK_ep	Pavement Markings (Exclude Travel Lanes) (Existing)	0	2 / DGN2	0
		dsgnsp	PMRLS_ep	Pavement Marking Symbol Restricted Lane Pavement MarkingSymbol (Existing)	0	2 / DGN2	0
		dsgnsp	PMRXR_ep	Pavement Marking Symbol RXR (Railroad Crossing) (Existing)	0	2 / DGN2	0
		dsgnsp	PMSCHOOL_ep	Pavement Marking Symbol SCHOOL (Existing)	0	2 / DGN2	0
		dsgnsp	PMSIGNAL_ep	Pavement Marking Symbol SIGNAL (Existing)	0	2 / DGN2	0
X	A	dsgnsp	PMSkip(10-10-20)	Pavement Marking 10/10/20 Skip Traffic Stripe 6in Contrast	0	0 / PM-Skip-Stripe 10-10-20	2
X	A	dsgnsp	PMSkip(2-2-2)	Pavement Marking 2/2/2 Skip Traffic Stripe 6in Contrast	0	0 / PM-Skip-Stripe 2-2-2	2
X	A	dsgnsp	PMSkip12W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 12in White	0	0 / PM-Skip-Stripe 2-4	4
X	A	dsgnsp	PMSkip12W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 12in White	0	0 / PM-Skip-Stripe 3-9	4
X	A	dsgnsp	PMSkip6B(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Black	3	0 / PM-Skip-Stripe 10-30	2
X	A	dsgnsp	PMSkip6W(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 10-30	2
X	A	dsgnsp	PMSkip6W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 2-4	2
X	A	dsgnsp	PMSkip6W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 3-9	2
X	A	dsgnsp	PMSkip6W(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 6-10	2
X	A	dsgnsp	PMSkip6Y(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Yellow	4	- / PM-Skip-Stripe 10-30	2
X	A	dsgnsp	PMSkip6Y(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 2-4	2
X	A	dsgnsp	PMSkip6Y(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 6-10	2
X	A	dsgnsp	PMSkip8W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 8in White	0	0 / PM-Skip-Stripe 3-9	2
X	A	dsgnsp	PMSkip9C(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 9in Contrast	0	0 / PM-Skip-Stripe 10-30	2
		dsgnsp	PMSLOW_ep	Pavement Marking Symbol SLOW (Existing)	0	2 / DGN2	0
		dsgnsp	PMSTAL_ep	Pavement Marking Symbol Straight and Turn Arrow Left (Existing)	0	2 / DGN2	0
		dsgnsp	PMSTAR_ep	Pavement Marking Symbol Straight and Turn Arrow Right (Existing)	0	2 / DGN2	0
		dsgnsp	PMSTAROW_ep	Pavement Marking Symbol Straight Direction Arrow (Existing)	0	2 / DGN2	0
		dsgnsp	PMSTOP_ep	Pavement Marking Symbol STOP (Existing)	0	2 / DGN2	0
X		dsgnsp	PMStripe(10-10-20)	Pavement Marking 10/10/20 Skip Traffic Stripe 6in Contrast	0	PM-Stripe-10' 20'Skip / PM-Stripe-SKIP 10-10-20	2
X		dsgnsp	PMStripe(2-2-2)	Pavement Marking 2/2/2 Skip Traffic Stripe 6in Contrast	0	PM-Stripe-2' 2'Skip / PM-Stripe-SKIP 2-2-2	2
X		dsgnsp	PMStripe12B	Pavement Marking Traffic Stripe 12in Black	3	0 / Continuous	4
X		dsgnsp	PMStripe12W	Pavement Marking Traffic Stripe 12in White	0	0 / Continuous	4
X		dsgnsp	PMStripe12W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 12in White	0	0 / PM-Stripe-SKIP 2-4	4
X		dsgnsp	PMStripe12W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 12in White	0	0 / PM-Stripe-SKIP 3-9	4
X		dsgnsp	PMStripe12Y	Pavement Marking Traffic Stripe 12in Yellow	4	0 / Continuous	4
X		dsgnsp	PMStripe16B	Pavement Marking Traffic Stripe 16in Black	3	0 / Continuous	5
X		dsgnsp	PMStripe16W	Pavement Marking Traffic Stripe 16in White	0	0 / Continuous	5

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		dsgnsp	PMStripe16Y	Pavement Marking Traffic Stripe 16in Yellow	4	0 / Continuous	5
X		dsgnsp	PMStripe18B	Pavement Marking Traffic Stripe 18in Black	3	0 / Continuous	6
X		dsgnsp	PMStripe18W	Pavement Marking Traffic Stripe 18in White	0	0 / Continuous	6
X		dsgnsp	PMStripe18Y	Pavement Marking Traffic Stripe 18in Yellow	4	0 / Continuous	6
X		dsgnsp	PMStripe24W	Pavement Marking Traffic Stripe 24in White	0	0 / Continuous	7
X		dsgnsp	PMStripe24Y	Pavement Marking Traffic Stripe 24in Yellow	4	0 / Continuous	7
X		dsgnsp	PMStripe6B	Pavement Marking Traffic Stripe 6in Black	3	0 / Continuous	2
X		dsgnsp	PMStripe6B(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Black	3	0 / PM-Stripe-SKIP 10-30	2
X		dsgnsp	PMStripe6Bl	Pavement Marking Traffic Stripe 6in Blue	1	0 / Continuous	2
X		dsgnsp	PMStripe6DY	Pavement Marking Traffic Stripe 6in Double Yellow	4	0 / Continuous	2
X		dsgnsp	PMStripe6W	Pavement Marking Traffic Stripe 6in White	0	0 / Continuous	2
X		dsgnsp	PMStripe6W(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 10-30	2
X		dsgnsp	PMStripe6W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 2-4	2
X		dsgnsp	PMStripe6W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 3-9	2
X		dsgnsp	PMStripe6W(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 6-10	2
X		dsgnsp	PMStripe6Y	Pavement Marking Traffic Stripe 6in Yellow	4	0 / Continuous	2
X		dsgnsp	PMStripe6Y(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 10-30	2
X		dsgnsp	PMStripe6Y(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 2-4	2
X		dsgnsp	PMStripe6Y(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 6-10	2
X		dsgnsp	PMStripe8B	Pavement Marking Traffic Stripe 8in Black	3	0 / Continuous	3
X		dsgnsp	PMStripe8W	Pavement Marking Traffic Stripe 8in White	0	0 / Continuous	3
X		dsgnsp	PMStripe8W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 8in White	0	0 / PM-Stripe-SKIP 3-9	2
X		dsgnsp	PMStripe8Y	Pavement Marking Traffic Stripe 8in Yellow	4	0 / Continuous	3
X		dsgnsp	PMStripe9C(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 9in Contrast	0	0 / PM-Stripe-SKIP 10-30	2
X		dsgnsp	PMStripeRumbleCL	Center Line Rumble Stripes (Use to Quantify Rumble Strips) (NonPlotting)	4	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		dsgnsp	PMStripeRumbleWL	Rumble Stripes (6" White Thermoplastic Over Rumble Strips) (Left)	0	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		dsgnsp	PMStripeRumbleWR	Rumble Stripes (6" White Thermoplastic Over Rumble Strips) (Right)	0	PM-Stripe-RumbleStripeRight / PM-Stripe-RumbleStripe	2
X		dsgnsp	PMStripeRumbleYL	Rumble Stripes (6" Yellow Thermoplastic Over Rumble Strips) (Left)	4	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		dsgnsp	PMStripeRumbleYR	Rumble Stripes (6" Yellow Thermoplastic Over Rumble Strips) (Right)	4	PM-Stripe-RumbleStripeRight / PM-Stripe-RumbleStripe	2
X		dsgnsp	PMStripeVibeWL	Pavement Marking Auditory and Vibratory 6in White (Left)	0	PM-Stripe-VibratoryLeft / PM-Stripe-Vibratory	2
X		dsgnsp	PMStripeVibeWR	Pavement Marking Auditory and Vibratory 6in White (Right)	0	PM-Stripe-VibratoryRight / PM-Stripe-Vibratory	2
X		dsgnsp	PMStripeVibeYL	Pavement Marking Auditory and Vibratory 6in Yellow (Left)	4	PM-Stripe-VibratoryLeft / PM-Stripe-Vibratory	2
X		dsgnsp	PMStripeVibeYR	Pavement Marking Auditory and Vibratory 6in Yellow (Right)	4	PM-Stripe-VibratoryRight / PM-Stripe-Vibratory	2
		dsgnsp	PMTAL_ep	Pavement Marking Symbol Turn Arrow Left (Existing)	0	2 / DGN2	0
		dsgnsp	PMTALR_ep	Pavement Marking Symbol Turn Arrow Left and Right (Existing)	0	2 / DGN2	0
		dsgnsp	PMTAR_ep	Pavement Marking Symbol Turn Arrow Right (Existing)	0	2 / DGN2	0
		dsgnsp	PMTURN_ep	Pavement Marking Symbol TURN (Existing)	0	2 / DGN2	0
		dsgnsp	PMYIELD_ep	Pavement Marking Symbol YIELD (Existing)	0	2 / DGN2	0
X		dsgnsp	PMYieldL	Special Marking Area Yield Lines Large	0	PM-Stripe-YieldLarge	2
X		dsgnsp	PMYieldS	Special Marking Area Yield Lines Small	0	PM-Stripe-YieldSmall	2
		dsgnsp	PMZONE_ep	Pavement Marking Symbol ZONE (Existing)	0	2 / DGN2	0
		dsgnsp	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		dsgnsp	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X		dsgnsp	ReflPaintWht	Reflective Paint - Island Nose (White)	0	0 / Continuous	3
X		dsgnsp	ReflPaintYel	Reflective Paint - Island Nose (Yellow)	4	0 / Continuous	3
X		dsgnsp	RPM_ep	Reflective Pavement Markers (Existing)	2	2 / DGN2	1
X		dsgnsp	RPM1	Raised Pavement Markers, White	0	0 / Continuous	2
X		dsgnsp	RPM2	Raised Pavement Markers, White - Red	3	0 / Continuous	2
X		dsgnsp	RPM3	Raised Pavement Markers, Yellow	4	0 / Continuous	2
X		dsgnsp	RPM4	Raised Pavement Markers, Yellow - Yellow	9	0 / Continuous	2
X		dsgnsp	RPM5	Raised Pavement Markers, Yellow - Red	6	0 / Continuous	2
X		dsgnsp	RPM6	Raised Pavement Markers, Blue	1	0 / Continuous	2
X		dsgnsp	SawCuts	Saw Cuts	3	3 / DGN3	0
		dsgnsp	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2
		dsgnsp	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		dsgnsp	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		dsgnsp	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		dsgnsp	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		dsgnsp	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		dsgnsp	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		dsgnsp	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		dsgnsp	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		dsgnsp	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		dsgnsp	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		dsgnsp	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
X		dsgnsp	SignCantilever	Sign Symbol Cantilever	0	0 / Continuous	1
X		dsgnsp	SignCantilever_ep	Sign Symbol Cantilever (Existing)	0	2 / DGN2	0
		dsgnsp	SignDetail	Sign Details	0	0 / Continuous	2
		dsgnsp	SignLettersAZ	Alphabet Cell Library Letter A-Z Numbers 0-9	0	0 / Continuous	0
		dsgnsp	SignMisc	Sign Symbols (Miscellaneous)	3	0 / Continuous	1
		dsgnsp	SignMisc_ep	Sign Symbols (Miscellaneous) (Existing)	1	1 / DGN1	1
X		dsgnsp	SignPanel	Sign Panels - Regulatory	0	0 / Continuous	2
X		dsgnsp	SignPanel_ep	Sign Panel Elements (Existing)	0	2 / DGN2	1
X		dsgnsp	SignPanelBorder	Sign Panel Border on Sign Details	0	0 / Continuous	1
X		dsgnsp	SignPanelC	Sign Panels - Civil	1	0 / Continuous	2
X		dsgnsp	SignPanelDetRed	Sign Panel Details in Red	3	0 / Continuous	2
X		dsgnsp	SignPanelG	Sign Panels - Guide	2	0 / Continuous	2
X		dsgnsp	SignPanelI	Sign Panels - Special Interest	9	0 / Continuous	2
X		dsgnsp	SignPanelT	Sign Panels - Construction	6	0 / Continuous	2
X		dsgnsp	SignPanelW	Sign Panels - Warning	4	0 / Continuous	2
		dsgnsp	SignSingle_ep	Sign (Single Pole Support) (Existing)	3	2 / DGN2	0
X		dsgnsp	SignSpanwire	Span Wire Signing Assembly	2	0 / Continuous	1
X		dsgnsp	SignSpanwire_ep	Span Wire Signing Assembly (Existing)	2	2 / DGN2	1
X		dsgnsp	SignSpecial	Special Signs / Guide Signs	2	0 / Continuous	2
X		dsgnsp	SignSupport	Ground Mounted Sign Support Symbol (All Types)	1	0 / Continuous	1
		dsgnsp	SignSupport_ep	Ground Mounted Sign Support Symbol (All Types)(Existing)	0	3 / DGN3	1
X		dsgnsp	SignSymbol_px	Sign Structure and Foundation on Cross Sections	4	0 / Continuous	2
X		dsgnsp	SignTruss	Sign Symbol Truss	3	0 / Continuous	1
X		dsgnsp	SignTruss_ep	Sign Symbol Truss (Existing)	3	2 / DGN2	1
		dsgnsp	SignTrussOH_ep	Trusses and Cantilevers for Overhead Signs (Existing)	0	3 / DGN3	1
		dsgnsp	SpecialDetails	Special Details	6	0 / Continuous	1
		dsgnsp	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
		dsgnsp	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	dsgnsp	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
	B	dsgnsp	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
	B	dsgnsp	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
	A	dsgnsp	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
		dsgnsp	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		dsgnsp	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		dsgnsp	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		dsgnsp	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		dsgnsp	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		dsgnsp	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		dsgnsp	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		dsgnsp	TextLabel	Text - Label	0	0 / Continuous	2
		dsgnsp	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		dsgnsp	TextMajor	Text - Major	0	0 / Continuous	5
		dsgnsp	TextMinor	Text - Minor	0	0 / Continuous	0
		dsgnsp	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		dsgnsp	TextNotes	Text - Notes	4	0 / Continuous	1
		dsgnsp	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		dsgnsp	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		dsgnsp	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		dsgnsp	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		dsgnsp	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		dsgnsp	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		dsgnsp	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		dsgnsp	TextTitle	Text - Title	0	0 / Continuous	3
		dsgnsp	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		dsgnsp	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		dsgnsp	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X		dsgnsp	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		dsgnsp	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
	A	dsgnsp	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
	A	dsgnsp	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dsgnsp	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dsgnsp	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dsgnsp	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		dsgnsp	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1

DTMRD - Digital Terrain (Proposed)

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	dtmrd	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	dtmrd	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		dtmrd	BreakLine_dp	Break Lines	0	0 / Continuous	1
		dtmrd	COGO_dp	COGO Information	3	0 / Continuous	1
		dtmrd	ConstLines	Construction Lines and References	1	0 / Continuous	0
		dtmrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
X		dtmrd	ContoursMajor	Contour Lines Major	3	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		dtmrd	ContoursMinor	Contour Lines Minor	4	0 / Continuous	2
		dtmrd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		dtmrd	DTM	Digital Terrain Model, TIN Model Elements	1	0 / Continuous	2
X		dtmrd	DTM_px	Digital Terrain Model on Cross Sections	1	0 / Continuous	0
X		dtmrd	DTMSource	Digital Terrain Model, Source Feature	0	0 / Continuous	2
X		dtmrd	DTMTriangles	Digital Terrain Model, Triangles	1	0 / Continuous	2
X		dtmrd	DTMVertices	Digital Terrain Model, Triangle Vertices	2	0 / Continuous	1
X		dtmrd	FlowArrow	Digital Terrain Model, Triangle Flow Arrows	10	0 / Continuous	2
		dtmrd	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		dtmrd	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		dtmrd	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
		dtmrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		dtmrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		dtmrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		dtmrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
		dtmrd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		dtmrd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		dtmrd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		dtmrd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		dtmrd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		dtmrd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		dtmrd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		dtmrd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		dtmrd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		dtmrd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		dtmrd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		dtmrd	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
		dtmrd	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
		dtmrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		dtmrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		dtmrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		dtmrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		dtmrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		dtmrd	SpecialDetails	Special Details	6	0 / Continuous	1
	A	dtmrd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
		dtmrd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		dtmrd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		dtmrd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		dtmrd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		dtmrd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		dtmrd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		dtmrd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		dtmrd	TextLabel	Text - Label	0	0 / Continuous	2
		dtmrd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		dtmrd	TextMajor	Text - Major	0	0 / Continuous	5
		dtmrd	TextMinor	Text - Minor	0	0 / Continuous	0
		dtmrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		dtmrd	TextNotes	Text - Notes	4	0 / Continuous	1
		dtmrd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		dtmrd	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		dtmrd	TextPtLabel	Text - Point Labels	4	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		dtmrd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		dtmrd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		dtmrd	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		dtmrd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		dtmrd	TextTitle	Text - Title	0	0 / Continuous	3
		dtmrd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		dtmrd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		dtmrd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X		dtmrd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		dtmrd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
	A	dtmrd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
		dtmrd	VoidArea_dx	Void Area on Cross Sections	1	0 / Continuous	0
		dtmrd	Voids_dp	Voids	11	3 / DGN3	1
	A	dtmrd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dtmrd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dtmrd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	dtmrd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		dtmrd	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1

GDTMRD - Digital Terrain (Existing)

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		gdtmrd	ConstLines	Construction Lines and References	1	0 / Continuous	0
		gdtmrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
X		gdtmrd	ContoursMajor_ep	Contour Lines Major (Existing)	3	1 / DGN1	1
X		gdtmrd	ContoursMinor_ep	Contour Lines Minor (Existing)	4	1 / DGN1	1
X		gdtmrd	DTM_ep	Digital Terrain Model, TIN Model Elements (Existing)	2	0 / Continuous	1
X		gdtmrd	DTM_ex	Digital Terrain Model on Cross Sections (Existing)	2	2 / DGN2	1
		gdtmrd	DTMBoundary_ep	Digital Terrain Model (DTM) Boundary (Existing)	2	0 / Continuous	0
X		gdtmrd	DTMSource_ep	Digital Terrain Model, Source Feature (Existing)	0	1 / DGN1	1
X		gdtmrd	DTMTriangles_ep	Digital Terrain Model Triangles (Existing)	2	0 / Continuous	1
X		gdtmrd	DTMVertices_ep	Digital Terrain Model, Triangle Vertices (Existing)	0	0 / Continuous	1
X		gdtmrd	FlowArrow_ep	Digital Terrain Model, Triangle Flow Arrows (Existing)	10	0 / Continuous	1
		gdtmrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		gdtmrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		gdtmrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
		gdtmrd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		gdtmrd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		gdtmrd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		gdtmrd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		gdtmrd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		gdtmrd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		gdtmrd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		gdtmrd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		gdtmrd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		gdtmrd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		gdtmrd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		gdtmrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		gdtmrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		gdtmrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		gdtmrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		gdtmrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		gdtmrd	SpecialDetails	Special Details	6	0 / Continuous	1
		gdtmrd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
X		gdtmrd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		gdtmrd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2

GEOTECH - Geotechnical

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	geotech	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		geotech	COGO_dp	COGO Information	3	0 / Continuous	1
		geotech	ConstLines	Construction Lines and References	1	0 / Continuous	0
		geotech	ConstLines_pm	Construction Lines	4	0 / Continuous	0
		geotech	Dimension	Dimension Lines (Structures)	0	0 / Continuous	0
		geotech	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		geotech	EaseLicLine	Easement License Agreement Line	0	RW-License	1
		geotech	GeotechFillPatt1	Geotechnical Fill Pattern - (Earth, Wood, Muck, Concrete, Rock, Riprap) as Defined in Project	3	0 / Continuous	0
		geotech	GeotechFillPatt2	Geotechnical Fill Pattern - Clay, Sand	0	1 / DGN1	0
		geotech	GeotechFillPatt3	Geotechnical Fill Pattern - Shell	3	1 / DGN1	0
		geotech	GeotechFillPatt4	Geotechnical Fill Pattern - Sand	4	0 / Continuous	0
		geotech	GeotechFillPatt5	Geotechnical Fill Pattern - Coquina	1	0 / Continuous	1
		geotech	GeotechFillPatt6	Geotechnical Fill Pattern - Limestone	2	0 / Continuous	0
		geotech	GeotechFillPatt7	Geotechnical Fill Pattern - Gravel	6	0 / Continuous	0
		geotech	GeotechFillPatt8	Geotechnical Fill Pattern - Silt	0	0 / Continuous	1
		geotech	GeotechMisc	Geotechnical Elements (Miscellaneous)	0	0 / Continuous	1
		geotech	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		geotech	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		geotech	GridMinG_dp	Grid Lines Minor Sub 2 on Cross Section Sheets	20	0 / Continuous	0
		geotech	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
		geotech	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		geotech	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		geotech	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		geotech	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
		geotech	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		geotech	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		geotech	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		geotech	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		geotech	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		geotech	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		geotech	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		geotech	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		geotech	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		geotech	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		geotech	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		geotech	NorthArw_dp	North Arrows	0	0 / Continuous	2
		geotech	Patterning	All; Any Patterning	3	0 / Continuous	1
		geotech	PatternLines1_dp	Pattern Lines on Cross Sections and All Autodesk (Civil 3D) Tables	3	0 / Continuous	2
		geotech	PatternLines2_dp	Pattern Lines on Cross Sections Alternate for Side Streets, CriticalCross Sections or Drainage Structures	4	0 / Continuous	2
		geotech	PatternLines3_dp	Pattern Lines on Cross Sections Alternate for Side Streets, CriticalCross Sections or Drainage Structures	5	0 / Continuous	2
		geotech	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		geotech	PlotBorder_dp	Plot Border	3	0 / Continuous	0
		geotech	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
		geotech	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
		geotech	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2
		geotech	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		geotech	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		geotech	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		geotech	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		geotech	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		geotech	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		geotech	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		geotech	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		geotech	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		geotech	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		geotech	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
X		geotech	SoilBoring	Soil Boring Elements	5	0 / Continuous	1
		geotech	SoilBoringLoc_dp	Soil Boring Location Symbol	4	0 / Continuous	2
		geotech	SoilBoxes_dp	Soil Boxes	4	0 / Continuous	1
X		geotech	SoilBoxes_px	Soil Boxes and Borings on Cross Sections	4	0 / Continuous	1
		geotech	SpecialDetails	Special Details	6	0 / Continuous	1
	B	geotech	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
	B	geotech	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
	B	geotech	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
	A	geotech	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
		geotech	TextAlert	Text - Alert Label to Highlight a Problem	3	0 / Continuous	2
		geotech	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		geotech	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		geotech	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		geotech	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		geotech	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		geotech	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		geotech	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		geotech	TextGeotech	Text - Soil Borings and Labels	0	0 / Continuous	2
		geotech	TextLabel	Text - Label	0	0 / Continuous	2
		geotech	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		geotech	TextMajor	Text - Major	0	0 / Continuous	5
		geotech	TextMinor	Text - Minor	0	0 / Continuous	0
		geotech	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		geotech	TextNotes	Text - Notes	4	0 / Continuous	1
		geotech	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		geotech	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		geotech	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		geotech	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		geotech	TextStructures	Text - Structures	0	0 / Continuous	0
		geotech	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		geotech	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		geotech	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		geotech	TextTitle	Text - Title	0	0 / Continuous	3
		geotech	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		geotech	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		geotech	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X		geotech	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		geotech	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
	A	geotech	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
	A	geotech	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	geotech	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	geotech	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	geotech	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		geotech	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1
		geotech	XSPatternlines_ep	Cross Section Chain (Existing)	2	1 / DGN1	0

GSWKSP - GuidSIGN

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	gswksp	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	gswksp	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		gswksp	COGO_dp	COGO Information	3	0 / Continuous	1
		gswksp	ConstLines	Construction Lines and References	1	0 / Continuous	0
		gswksp	ConstLines_pm	Construction Lines	4	0 / Continuous	0
		gswksp	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		gswksp	EaseLicLine	Easement License Agreement Line	0	RW-License	1
		gswksp	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		gswksp	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		gswksp	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
		gswksp	GSBWFill	GuidSign Black and White Fill Level for GuidSign Cells	0	0 / Continuous	1
		gswksp	GSColorFill	GuidSign Color Fill Level for GuidSign Cells	2	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		gswksp	GSDims	GuidSign Dimensions	0	0 / Continuous	1
		gswksp	GSOOutline	GuidSign Outline Level for GuidSign Cells	0	0 / Continuous	2
		gswksp	GSSign	GuidSign Panel and Tag	7	0 / Continuous	0
		gswksp	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		gswksp	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		gswksp	KeyShtMisc	Key Sheet Items (Miscellaneous)	0	0 / Continuous	2
		gswksp	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		gswksp	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
		gswksp	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		gswksp	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		gswksp	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		gswksp	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		gswksp	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		gswksp	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		gswksp	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		gswksp	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		gswksp	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		gswksp	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		gswksp	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		gswksp	NorthArw_dp	North Arrows	0	0 / Continuous	2
X		gswksp	ObjectMarker	Object and Reflective Markers	3	0 / Continuous	1
X		gswksp	OverheadSign	Overhead Sign Panels	0	0 / Continuous	2
X		gswksp	OverheadSign_ep	Overhead Sign Panels (Existing)	0	3 / DGN3	1
X		gswksp	OverheadStr	Mast Arm, Truss Assemblies, Signal Arms and Supports	0	0 / Continuous	2
X		gswksp	OverheadStr_ep	Mast Arm, Truss Assemblies, Signal Arms and Supports (Existing)	0	3 / DGN3	1
		gswksp	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		gswksp	PlotBorder_dp	Plot Border	3	0 / Continuous	0
		gswksp	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
		gswksp	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
		gswksp	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2
		gswksp	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		gswksp	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		gswksp	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		gswksp	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		gswksp	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		gswksp	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		gswksp	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		gswksp	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		gswksp	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		gswksp	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
X		gswksp	SignCantilever	Sign Symbol Cantilever	0	0 / Continuous	1
X		gswksp	SignCantilever_ep	Sign Symbol Cantilever (Existing)	0	2 / DGN2	0
		gswksp	SignDetail	Sign Details	0	0 / Continuous	2
		gswksp	SignLettersAZ	Alphabet Cell Library Letter A-Z Numbers 0-9	0	0 / Continuous	0
		gswksp	SignMisc	Sign Symbols (Miscellaneous)	3	0 / Continuous	1
		gswksp	SignMisc_ep	Sign Symbols (Miscellaneous) (Existing)	1	1 / DGN1	1
X		gswksp	SignPanel	Sign Panels - Regulatory	0	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		gswksp	SignPanel_ep	Sign Panel Elements (Existing)	0	2 / DGN2	1
X		gswksp	SignPanelBorder	Sign Panel Border on Sign Details	0	0 / Continuous	1
X		gswksp	SignPanelC	Sign Panels - Civil	1	0 / Continuous	2
X		gswksp	SignPanelDetRed	Sign Panel Details in Red	3	0 / Continuous	2
X		gswksp	SignPanelG	Sign Panels - Guide	2	0 / Continuous	2
X		gswksp	SignPanelI	Sign Panels - Special Interest	9	0 / Continuous	2
X		gswksp	SignPanelT	Sign Panels - Construction	6	0 / Continuous	2
X		gswksp	SignPanelW	Sign Panels - Warning	4	0 / Continuous	2
X		gswksp	SignSpanwire	Span Wire Signing Assembly	2	0 / Continuous	1
X		gswksp	SignSpanwire_ep	Span Wire Signing Assembly (Existing)	2	2 / DGN2	1
X		gswksp	SignSpecial	Special Signs / Guide Signs	2	0 / Continuous	2
X		gswksp	SignSupport	Ground Mounted Sign Support Symbol (All Types)	1	0 / Continuous	1
		gswksp	SignSupport_ep	Ground Mounted Sign Support Symbol (All Types)(Existing)	0	3 / DGN3	1
X		gswksp	SignSymbol_px	Sign Structure and Foundation on Cross Sections	4	0 / Continuous	2
X		gswksp	SignTruss	Sign Symbol Truss	3	0 / Continuous	1
X		gswksp	SignTruss_ep	Sign Symbol Truss (Existing)	3	2 / DGN2	1
		gswksp	SpecialDetails	Special Details	6	0 / Continuous	1
	B	gswksp	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
	B	gswksp	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
	B	gswksp	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
	A	gswksp	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
		gswksp	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		gswksp	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		gswksp	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		gswksp	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		gswksp	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		gswksp	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		gswksp	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		gswksp	TextLabel	Text - Label	0	0 / Continuous	2
		gswksp	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		gswksp	TextMajor	Text - Major	0	0 / Continuous	5
		gswksp	TextMinor	Text - Minor	0	0 / Continuous	0
		gswksp	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		gswksp	TextNotes	Text - Notes	4	0 / Continuous	1
		gswksp	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		gswksp	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		gswksp	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		gswksp	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		gswksp	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		gswksp	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		gswksp	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		gswksp	TextTitle	Text - Title	0	0 / Continuous	3
		gswksp	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		gswksp	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		gswksp	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X		gswksp	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		gswksp	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	A	gswksp	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
	A	gswksp	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	gswksp	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	gswksp	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	gswksp	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		gswksp	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1

IRRGLD - Irrigation

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	irrgld	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	irrgld	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4/ DGN4	0
		irrgld	COGO_dp	COGO Information	3	0 / Continuous	1
		irrgld	ConstLines	Construction Lines and References	1	0 / Continuous	0
		irrgld	ConstLines_pm	Construction Lines	4	0 / Continuous	0
		irrgld	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
		irrgld	DripSystem	Irrigation Drip System	1	0 / Continuous	2
X		irrgld	EaseLicLine	Easement License Agreement Line	0	RW-License	1
		irrgld	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		irrgld	IrrigationHeads	Irrigation Heads (All Types)	5	0 / Continuous	2
X		irrgld	IrrigationLateral	Irrigation Lateral Line	7	0 / Continuous	1
X		irrgld	IrrigationLateralNP	Irrigation Lateral (Reclaimed)	12	0 / Continuous	1
X		irrgld	IrrigationMain	Irrigation Main Line	1	3 / DGN3	3
X		irrgld	IrrigationMainNP	Irrigation Main Line (Reclaimed)	8	3 / DGN3	3
		irrgld	IrrigationMisc	Irrigation Items (Miscellaneous)	0	0 / Continuous	2
X		irrgld	IrrigationMiscNP	Irrigation Equipment (Reclaimed)	8	0 / Continuous	1
X		irrgld	IrrigationSleeve	Irrigation Sleeve	6	5 / DGN5	1
		irrgld	IrrigationSprayPat	Irrigation Head Spray Pattern	1	1 / DGN1	1
X		irrgld	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		irrgld	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		irrgld	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
X		irrgld	MechanicalAccs	Mechanical Irrigation Items (Valves, Meters, Pipe, Clocks, Back Flow)	3	0 / Continuous	1
		irrgld	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		irrgld	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		irrgld	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		irrgld	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		irrgld	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		irrgld	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		irrgld	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		irrgld	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		irrgld	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		irrgld	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		irrgld	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		irrgld	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		irrgld	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
		irrgld	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
		irrgld	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		irrgld	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		irrgld	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		irrgld	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		irrgld	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		irrgld	SpecialDetails	Special Details	6	0 / Continuous	1
	A	irrgld	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
		irrgld	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		irrgld	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		irrgld	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		irrgld	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		irrgld	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		irrgld	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		irrgld	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		irrgld	TextLabel	Text - Label	0	0 / Continuous	2
		irrgld	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		irrgld	TextMajor	Text - Major	0	0 / Continuous	5
		irrgld	TextMinor	Text - Minor	0	0 / Continuous	0
		irrgld	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		irrgld	TextNotes	Text - Notes	4	0 / Continuous	1
		irrgld	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		irrgld	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		irrgld	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		irrgld	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		irrgld	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		irrgld	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		irrgld	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		irrgld	TextTitle	Text - Title	0	0 / Continuous	3
		irrgld	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		irrgld	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		irrgld	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X		irrgld	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		irrgld	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
	A	irrgld	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
	A	irrgld	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	irrgld	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	irrgld	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	irrgld	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		irrgld	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1

ITSSP - Intelligent Transportation System

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	itssp	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	itssp	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		itssp	BaselineSurvey	Baseline Survey	0	0 / Continuous	2
X		itssp	CCTV	CLOSED CIRCUIT TV Camera and Accessories	4	0 / Continuous	1
X		itssp	CCTV_ep	CLOSED CIRCUIT TV Camera and Accessories (Existing)	4	0 / Continuous	0
X		itssp	CCTVAer	CLOSED CIRCUIT TV Cable - Aerial	6	UT-OverheadCable-Proposed	1
X		itssp	CCTVBur	CLOSED CIRCUIT TV Cable - Buried	5	UT-BuriedCable-Proposed	1
		itssp	CCTVMisc	CLOSED CIRCUIT TV Service Box and Miscellaneous	6	0 / Continuous	0
		itssp	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
		itssp	Cloud_dp	Construction Cloud	7	0 / Continuous	2
		itssp	COGO_dp	COGO Information	3	0 / Continuous	1
X		itssp	ConduitAG	Conduit (Above Ground)	4	SG-ConduitAG-Proposed	1
X		itssp	ConduitBM	Conduit – Bridge Mount	5	SG-ConduitBM-Proposed	1
X		itssp	ConduitDB	Conduit – Directional Bore	2	SG-ConduitDB-Proposed	1
X		itssp	ConduitJB	Conduit – Jack & Bore Under Rail	3	SG-ConduitJB-Proposed	1
X		itssp	ConduitOT	Conduit – Open Trench	1	SG-ConduitOT-Proposed	1
		itssp	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		itssp	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
		itssp	ConstLines	Construction Lines and References	1	0 / Continuous	0
		itssp	ConstLines_pm	Construction Lines	4	0 / Continuous	0
X		itssp	Controller	Controller and Accessories	0	0 / Continuous	2
X		itssp	Controller_ep	Controller and Accessories (Existing)	0	2 / DGN2	1
X		itssp	ControllerAccess	Controller Accessories	0	0 / Continuous	1
X		itssp	ControllerB	Controller - Base Mounted	0	0 / Continuous	2
X		itssp	ControllerB_ep	Controller - Base Mounted (Existing)	0	2 / DGN2	1
X		itssp	ControllerP	Controller Pole Mount	0	0 / Continuous	2
X		itssp	ControllerP_ep	Controller Pole Mount (Existing)	0	2 / DGN2	1
X		itssp	CrossWalk1	Emphasis Crosswalk 6ft High	0	PM-Stripe-6' Crosswalk	4
X		itssp	CrossWalk2	Emphasis Crosswalk 10ft High	0	PM-Stripe-10' Crosswalk	4
		itssp	CurveData_dp	Curve and Coordinate Data Elements Including PC, PT, PI Symbols	4	0 / Continuous	2
		itssp	CurveDataLabel_dp	Curve Data Labels PC,PI, PT	0	0 / Continuous	2
X		itssp	Delineator	Delineators (All Types)	4	0 / Continuous	1
X		itssp	Detector	Detector Cabinet, Button and Miscellaneous Assemblies	3	0 / Continuous	2
X		itssp	Detector_ep	Detector Cabinet, Button and Miscellaneous Assemblies (Existing)	3	2 / DGN2	1
X		itssp	DetectorVeh	Detector Vehicle Assemblies (All Types)	3	0 / Continuous	1
X		itssp	DetectorVeh_ep	Detector Vehicle Assemblies (All Types) (Existing)	3	2 / DGN2	0
		itssp	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		itssp	DirArrowsPavt	Pavement Marking Directional Arrows	0	0 / Continuous	1
X		itssp	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		itssp	ElecBur	Electrical (Buried)	3	UT-BuriedElec-Proposed	2
X		itssp	ElecServ	Electrical Service (Miscellaneous)	3	0 / Continuous	2
X		itssp	ElecServWire	Electrical Service Wire	3	0 / Continuous	2
X		itssp	FO_01Blue	Fiber Optic Buffer Tube, Blue	25	0 / Continuous	2
X		itssp	FO_01Blue_ep	Fiber Optic Buffer Tube, Blue (Existing)	25	2 / DGN2	1
X		itssp	FO_02Orange	Fiber Optic Buffer Tube, Orange	30	0 / Continuous	2
X		itssp	FO_02Orange_ep	Fiber Optic Buffer Tube, Orange (Existing)	30	2 / DGN2	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		itssp	FO_03Green	Fiber Optic Buffer Tube, Green	154	0 / Continuous	2
X		itssp	FO_03Green_ep	Fiber Optic Buffer Tube, Green (Existing)	154	2 / DGN2	1
X		itssp	FO_04Brown	Fiber Optic Buffer Tube, Brown	150	0 / Continuous	2
X		itssp	FO_04Brown_ep	Fiber Optic Buffer Tube, Brown (Existing)	150	2 / DGN2	1
X		itssp	FO_05Slate	Fiber Optic Buffer Tube, Slate	152	0 / Continuous	2
X		itssp	FO_05Slate_ep	Fiber Optic Buffer Tube, Slate (Existing)	152	2 / DGN2	1
X		itssp	FO_06White	Fiber Optic Buffer Tube, White	152	0 / Continuous	2
X		itssp	FO_06White_ep	Fiber Optic Buffer Tube, White (Existing)	152	2 / DGN2	1
X		itssp	FO_07Red	Fiber Optic Buffer Tube, Red	27	0 / Continuous	2
X		itssp	FO_07Red_ep	Fiber Optic Buffer Tube, Red (Existing)	27	2 / DGN2	1
X		itssp	FO_08Black	Fiber Optic Buffer Tube, Black	0	0 / Continuous	2
X		itssp	FO_08Black_ep	Fiber Optic Buffer Tube, Black (Existing)	0	2 / DGN2	1
X		itssp	FO_09Yellow	Fiber Optic Buffer Tube, Yellow	28	0 / Continuous	2
X		itssp	FO_09Yellow_ep	Fiber Optic Buffer Tube, Yellow (Existing)	28	2 / DGN2	1
X		itssp	FO_10Purple	Fiber Optic Buffer Tube, Purple	157	0 / Continuous	2
X		itssp	FO_10Purple_ep	Fiber Optic Buffer Tube, Purple (Existing)	157	2 / DGN2	1
X		itssp	FO_11Rose	Fiber Optic Buffer Tube, Rose	12	0 / Continuous	2
X		itssp	FO_11Rose_ep	Fiber Optic Buffer Tube, Rose (Existing)	12	2 / DGN2	1
X		itssp	FO_12Aqua	Fiber Optic Buffer Tube, Aqua	55	0 / Continuous	2
X		itssp	FO_12Aqua_ep	Fiber Optic Buffer Tube, Aqua (Existing)	55	2 / DGN2	1
X		itssp	FOCBur	Fiber Optics Cable (Buried)	6	UT-BuriedFOC-Proposed	2
X		itssp	FOSheath	Fiber Optic Sheath	0	0 / Continuous	2
X		itssp	FOSpliceCap	Fiber Optic Splice Cap	0	0 / Continuous	2
X		itssp	FOStripe	Fiber Optic Buffer Tube, Stripe	0	0 / Continuous	2
		itssp	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		itssp	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		itssp	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
		itssp	GSBWFill	GuidSign Black and White Fill Level for GuidSign Cells	0	0 / Continuous	1
		itssp	GSColorFill	GuidSign Color Fill Level for GuidSign Cells	2	0 / Continuous	1
		itssp	GSDims	GuidSign Dimensions	0	0 / Continuous	1
		itssp	GSOOutline	GuidSign Outline Level for GuidSign Cells	0	0 / Continuous	2
		itssp	GSSign	GuidSign Panel and Tag	7	0 / Continuous	0
X		itssp	GuyWire	Guy Wire	3	0 / Continuous	2
X		itssp	HAR	Highway Advisory Radio Unit	3	0 / Continuous	2
X		itssp	HAR_ep	Highway Advisory Radio Unit (Existing)	3	2 / DGN2	1
X		itssp	HubEthernet	Ethernet Hub	1	0 / Continuous	1
X		itssp	HubWireless	Wireless Receiver and Transmitter	3	0 / Continuous	1
		itssp	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		itssp	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
X		itssp	Insulator	Insulator, Fiberglass	3	0 / Continuous	4
X		itssp	InterconCable	Cable Interconnect	1	SG-InterconCable-Proposed	1
X		itssp	InterconCable_ep	Interconnect Cable (Existing)	1	SG-InterconCable-Existing	0
		itssp	ITSDetail00	ITS Details	0	0 / Continuous	0
		itssp	ITSDetail01	ITS Details	0	0 / Continuous	1
		itssp	ITSDetail02	ITS Details	0	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		itssp	ITSDetail10	ITS Details	1	0 / Continuous	0
		itssp	ITSDetail11	ITS Details	1	0 / Continuous	1
		itssp	ITSDetail12	ITS Details	1	0 / Continuous	2
		itssp	ITSDetail20	ITS Details	2	0 / Continuous	0
		itssp	ITSDetail21	ITS Details	2	0 / Continuous	1
		itssp	ITSDetail22	ITS Details	2	0 / Continuous	2
		itssp	ITSDetail30	ITS Details	3	0 / Continuous	0
		itssp	ITSDetail31	ITS Details	3	0 / Continuous	1
		itssp	ITSDetail32	ITS Details	3	0 / Continuous	2
X		itssp	ITSEquip00	ITS Equipment Racks	0	0 / Continuous	0
X		itssp	ITSEquip01	ITS Equipment Racks	0	0 / Continuous	1
X		itssp	ITSEquip02	ITS Equipment Racks	0	0 / Continuous	2
X		itssp	JunctBoxA	Junction Boxes (Aerial)	3	0 / Continuous	1
X		itssp	JunctBoxA_ep	Junction Boxes (Aerial) (Existing)	3	1 / DGN1	0
X		itssp	Kiosk	Kiosk	2	0 / Continuous	1
		itssp	LaneDirArrow	Lane Directional Arrow	0	0 / Continuous	1
		itssp	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		itssp	LightingMisc	Lighting Items (Miscellaneous)	4	0 / Continuous	2
X		itssp	LightingSP	Lighting Service Points	0	0 / Continuous	1
X		itssp	LoadCenter	Load Center	2	0 / Continuous	1
X		itssp	LoadCenter_ep	Load Center (Existing)	2	5 / DGN5	0
		itssp	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
X		itssp	LoopLI	Loop Lead-In	3	0 / Continuous	1
X		itssp	LoopLI_ep	Loop Lead-In (Existing)	3	2 / DGN2	0
X		itssp	Loops	Loop Assembly (All Types)	2	0 / Continuous	2
X		itssp	Loops_ep	Loop Assembly (All Types) (Existing)	2	2 / DGN2	2
X		itssp	Luminaire	Luminaires (Decorative - All Types)	2	0 / Continuous	1
X		itssp	MessengerWire	Messenger Wire	3	0 / Continuous	1
X		itssp	MetalButtons	Metal Buttons	0	0 / Continuous	2
		itssp	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		itssp	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		itssp	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		itssp	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		itssp	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		itssp	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		itssp	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		itssp	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		itssp	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		itssp	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		itssp	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		itssp	NorthArw_dp	North Arrows	0	0 / Continuous	2
X		itssp	ObjectMarker	Object and Reflective Markers	3	0 / Continuous	1
X		itssp	OverheadSign	Overhead Sign Panels	0	0 / Continuous	2
X		itssp	OverheadSign_ep	Overhead Sign Panels (Existing)	0	3 / DGN3	1
X		itssp	OverheadStr	Mast Arm, Truss Assemblies, Signal Arms and Supports	0	0 / Continuous	2
X		itssp	OverheadStr_ep	Mast Arm, Truss Assemblies, Signal Arms and Supports (Existing)	0	3 / DGN3	1
X		itssp	PavtMessage	Pavement Message (All Types)	0	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		itssp	PavtMessage_ep	Pavement Message (All Types) (Existing)	0	2 / DGN2	0
		itssp	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		itssp	PedDetector	Pedestrian Detector	0	0 / Continuous	2
X		itssp	Pedestal	Pedestal	1	0 / Continuous	1
X		itssp	Pedestal_ep	Pedestal (Existing)	1	2 / DGN2	1
X		itssp	PedHead	Pedestrian Head (All Types)	1	0 / Continuous	1
X		itssp	PedHead_ep	Pedestrian Head (All Types) (Existing)	0	2 / DGN2	1
X		itssp	PlotBorder_dp	Plot Border	3	0 / Continuous	0
		itssp	PMAccessible_ep	Pavement Marking Symbol - Accessible (Handicap) (Existing)	0	2 / DGN2	0
		itssp	PMAHEAD_ep	Pavement Marking Symbol - AHEAD (Existing)	0	2 / DGN2	0
		itssp	PMBIKE_ep	Pavement Marking Symbol Bicycle (Existing)	0	2 / DGN2	0
		itssp	PMBUS_ep	Pavement Marking Symbol BUS (Existing)	0	2 / DGN2	0
X		itssp	PMCeramic	Pavement Markers Ceramic	0	0 / Continuous	1
		itssp	PMHUMP_ep	Pavement Marking Symbol HUMP (Existing)	0	2 / DGN2	0
		itssp	PMLANE_ep	Pavement Marking Symbol LANE (Existing)	0	2 / DGN2	0
		itssp	PMMERGE_ep	Pavement Marking Symbol MERGE (Existing)	0	2 / DGN2	0
		itssp	PMMisc	Pavement Marking Items (Miscellaneous)	0	0 / Continuous	2
		itssp	PMONLY_ep	Pavement Marking Symbol ONLY (Existing)	0	2 / DGN2	0
		itssp	PMRK_ep	Pavement Markings (Exclude Travel Lanes) (Existing)	0	2 / DGN2	0
		itssp	PMRLS_ep	Pavement Marking Symbol Restricted Lane Pavement MarkingSymbol (Existing)	0	2 / DGN2	0
		itssp	PMRXR_ep	Pavement Marking Symbol RXR (Railroad Crossing) (Existing)	0	2 / DGN2	0
		itssp	PMSCHOOL_ep	Pavement Marking Symbol SCHOOL (Existing)	0	2 / DGN2	0
		itssp	PMSIGNAL_ep	Pavement Marking Symbol SIGNAL (Existing)	0	2 / DGN2	0
X	A	itssp	PMSkip(10-10-20)	Pavement Marking 10/10/20 Skip Traffic Stripe 6in Contrast	0	0 / PM-Skip-Stripe 10-10-20	2
X	A	itssp	PMSkip(2-2-2)	Pavement Marking 2/2/2 Skip Traffic Stripe 6in Contrast	0	0 / PM-Skip-Stripe 2-2-2	2
X	A	itssp	PMSkip12W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 12in White	0	0 / PM-Skip-Stripe 2-4	4
X	A	itssp	PMSkip12W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 12in White	0	0 / PM-Skip-Stripe 3-9	4
X	A	itssp	PMSkip6B(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Black	3	0 / PM-Skip-Stripe 10-30	2
X	A	itssp	PMSkip6W(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 10-30	2
X	A	itssp	PMSkip6W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 2-4	2
X	A	itssp	PMSkip6W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 3-9	2
X	A	itssp	PMSkip6W(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 6-10	2
X	A	itssp	PMSkip6Y(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 10-30	2
X	A	itssp	PMSkip6Y(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 2-4	2
X	A	itssp	PMSkip6Y(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 6-10	2
X	A	itssp	PMSkip8W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 8in White	0	0 / PM-Skip-Stripe 3-9	2
X	A	itssp	PMSkip9C(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 9in Contrast	0	0 / PM-Skip-Stripe 10-30	2
		itssp	PMSLOW_ep	Pavement Marking Symbol SLOW (Existing)	0	2 / DGN2	0
		itssp	PMSTAL_ep	Pavement Marking Symbol Straight and Turn Arrow Left (Existing)	0	2 / DGN2	0
		itssp	PMSTAR_ep	Pavement Marking Symbol Straight and Turn Arrow Right (Existing)	0	2 / DGN2	0
		itssp	PMSTAROW_ep	Pavement Marking Symbol Straight Direction Arrow (Existing)	0	2 / DGN2	0
		itssp	PMSTOP_ep	Pavement Marking Symbol STOP (Existing)	0	2 / DGN2	0
X		itssp	PMStripe(10-10-20)	Pavement Marking 10/10/20 Skip Traffic Stripe 6in Contrast	0	PM-Stripe-10_20Skip / PM-Stripe-SKIP 10-10-20	2
X		itssp	PMStripe(2-2-2)	Pavement Marking 2/2/2 Skip Traffic Stripe 6in Contrast	0	PM-Stripe-2_2Skip / PM-Stripe-SKIP 2-2-2	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		itssp	PMStripe12B	Pavement Marking Traffic Stripe 12in Black	3	0 / Continuous	4
X		itssp	PMStripe12W	Pavement Marking Traffic Stripe 12in White	0	0 / Continuous	4
X		itssp	PMStripe12W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 12in White	0	0 / PM-Stripe-SKIP 2-4	4
X		itssp	PMStripe12W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 12in White	0	0 / PM-Stripe-SKIP 3-9	4
X		itssp	PMStripe12Y	Pavement Marking Traffic Stripe 12in Yellow	4	0 / Continuous	4
X		itssp	PMStripe16B	Pavement Marking Traffic Stripe 16in Black	3	0 / Continuous	5
X		itssp	PMStripe16W	Pavement Marking Traffic Stripe 16in White	0	0 / Continuous	5
X		itssp	PMStripe16Y	Pavement Marking Traffic Stripe 16in Yellow	4	0 / Continuous	5
X		itssp	PMStripe18B	Pavement Marking Traffic Stripe 18in Black	3	0 / Continuous	6
X		itssp	PMStripe18W	Pavement Marking Traffic Stripe 18in White	0	0 / Continuous	6
X		itssp	PMStripe18Y	Pavement Marking Traffic Stripe 18in Yellow	4	0 / Continuous	6
X		itssp	PMStripe24W	Pavement Marking Traffic Stripe 24in White	0	0 / Continuous	7
X		itssp	PMStripe24Y	Pavement Marking Traffic Stripe 24in Yellow	4	0 / Continuous	7
X		itssp	PMStripe6B	Pavement Marking Traffic Stripe 6in Black	3	0 / Continuous	2
X		itssp	PMStripe6B(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Black	3	0 / PM-Stripe-SKIP 10-30	2
X		itssp	PMStripe6Bl	Pavement Marking Traffic Stripe 6in Blue	1	0 / Continuous	2
X		itssp	PMStripe6DY	Pavement Marking Traffic Stripe 6in Double Yellow	4	0 / Continuous	2
X		itssp	PMStripe6W	Pavement Marking Traffic Stripe 6in White	0	0 / Continuous	2
X		itssp	PMStripe6W(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 10-30	2
X		itssp	PMStripe6W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 2-4	2
X		itssp	PMStripe6W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 3-9	2
X		itssp	PMStripe6W(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 6-10	2
X		itssp	PMStripe6Y	Pavement Marking Traffic Stripe 6in Yellow	4	0 / Continuous	2
X		itssp	PMStripe6Y(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 10-30	2
X		itssp	PMStripe6Y(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 2-4	2
X		itssp	PMStripe6Y(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 6-10	2
X		itssp	PMStripe8B	Pavement Marking Traffic Stripe 8in Black	3	0 / Continuous	3
X		itssp	PMStripe8W	Pavement Marking Traffic Stripe 8in White	0	0 / Continuous	3
X		itssp	PMStripe8W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 8in White	0	PM-Stripe-SKIP 3-9	2
X		itssp	PMStripe8Y	Pavement Marking Traffic Stripe 8in Yellow	4	0 / Continuous	3
X		itssp	PMStripe9C(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 9in Contrast	0	0 / PM-Stripe-SKIP 10-30	2
X		itssp	PMStripeRumbleCL	Center Line Rumble Stripes (Use to Quantify Rumble Strips) (NonPlotting)	4	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		itssp	PMStripeRumbleWL	Rumble Stripes (6in White Thermoplastic Over Rumble Strips) (Left)	0	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		itssp	PMStripeRumbleWR	Rumble Stripes (6in White Thermoplastic Over Rumble Strips) (Right)	0	PM-Stripe-RumbleStripeRight / PM-Stripe-RumbleStripe	2
X		itssp	PMStripeRumbleYL	Rumble Stripes (6in Yellow Thermoplastic Over Rumble Strips) (Left)	4	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		itssp	PMStripeRumbleYR	Rumble Stripes (6in Yellow Thermoplastic Over Rumble Strips) (Right)	4	PM-Stripe-RumbleStripeRight / PM-Stripe-RumbleStripe	2
X		itssp	PMStripeVibeWL	Pavement Marking Auditory and Vibratory 6in White (Left)	0	PM-Stripe-VibratoryLeft / PM-Stripe-Vibratory	2
X		itssp	PMStripeVibeWR	Pavement Marking Auditory and Vibratory 6in White (Right)	0	PM-Stripe-VibratoryRight / PM-Stripe-Vibratory	2
X		itssp	PMStripeVibeYL	Pavement Marking Auditory and Vibratory 6in Yellow (Left)	4	PM-Stripe-VibratoryLeft / PM-Stripe-Vibratory	2
X		itssp	PMStripeVibeYR	Pavement Marking Auditory and Vibratory 6in Yellow (Right)	4	PM-Stripe-VibratoryRight / PM-Stripe-Vibratory	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		itssp	PMTAL_ep	Pavement Marking Symbol Turn Arrow Left (Existing)	0	2 / DGN2	0
		itssp	PMTALR_ep	Pavement Marking Symbol Turn Arrow Left and Right (Existing)	0	2 / DGN2	0
		itssp	PMTAR_ep	Pavement Marking Symbol Turn Arrow Right (Existing)	0	2 / DGN2	0
		itssp	PMTURN_ep	Pavement Marking Symbol TURN (Existing)	0	2 / DGN2	0
		itssp	PMYIELD_ep	Pavement Marking Symbol YIELD (Existing)	0	2 / DGN2	0
		itssp	PMZONE_ep	Pavement Marking Symbol ZONE (Existing)	0	2 / DGN2	0
		itssp	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
X		itssp	PoleConc	Concrete Strain Pole	0	0 / Continuous	2
X		itssp	PoleConc_ep	Concrete Strain Pole (Existing)	0	2 / DGN2	1
X		itssp	PoleElec	Electrical Pole w/ Transformer	3	0 / Continuous	2
X		itssp	PoleFound	Pole Foundation	0	0 / Continuous	2
X		itssp	PoleLight	Light Pole	2	0 / Continuous	1
X		itssp	PoleLight_ep	Light Pole (Existing)	2	2 / DGN2	1
X		itssp	PoleLightHM	High Mast Light Pole	3	0 / Continuous	1
X		itssp	PoleLightHM_ep	High Mast Light Pole (Existing)	2	2 / DGN2	1
		itssp	PoleLightID	Light Pole Location / ID	4	0 / Continuous	1
X		itssp	PoleShared	Power Pole Electric (Above Ground) Shared w/ Transformer	3	0 / Continuous	2
X		itssp	PoleSteelStrain	Steel Strain Pole	0	0 / Continuous	2
X		itssp	PoleSteelStrain_ep	Steel Strain Pole (Existing)	0	2 / DGN2	1
X		itssp	PoleUtil	Utility Pole	0	0 / Continuous	2
X		itssp	PoleWoodStrain	Wood Strain Pole	0	0 / Continuous	2
X		itssp	PoleWoodStrain_ep	Wood Strain Pole (Existing)	0	2 / DGN2	1
X		itssp	PullBox	Pull Boxes (All Types)	3	0 / Continuous	1
		itssp	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X		itssp	ReflPaintWht	Reflective Paint - Island Nose (White)	0	0 / Continuous	3
X		itssp	ReflPaintYel	Reflective Paint - Island Nose (Yellow)	4	0 / Continuous	3
X		itssp	RPM_ep	Reflective Pavement Markers (Existing)	2	2 / DGN2	1
X		itssp	RPM1	Raised Pavement Markers, White	0	0 / Continuous	2
X		itssp	RPM2	Raised Pavement Markers, White - Red	3	0 / Continuous	2
X		itssp	RPM3	Raised Pavement Markers, Yellow	4	0 / Continuous	2
X		itssp	RPM4	Raised Pavement Markers, Yellow - Yellow	9	0 / Continuous	2
X		itssp	RPM5	Raised Pavement Markers, Yellow - Red	6	0 / Continuous	2
X		itssp	RPM6	Raised Pavement Markers, Blue	1	0 / Continuous	2
X		itssp	SawCuts	Saw Cuts	3	3 / DGN3	0
		itssp	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2
		itssp	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		itssp	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		itssp	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		itssp	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		itssp	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		itssp	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		itssp	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		itssp	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		itssp	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		itssp	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		itssp	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
X		itssp	SignalCable	Signal Cable	3	SG-Cable / Continuous	1
X		itssp	SignalCableAccs	Signal Cable Accessories	0	0 / Continuous	2
X		itssp	SignalDetail	Signal Details	0	0 / Continuous	1
		itssp	SignalHead	Signal Head Section Details	2	0 / Continuous	1
X		itssp	SignalHead_ep	Signal Head Section Details (Existing)	2	2 / DGN2	0
		itssp	SignalMisc	Signal Equipment (Miscellaneous)	3	0 / Continuous	1
X		itssp	SignalSOP	Signal Operating Plan (SOP) Box and Movements	0	0 / Continuous	2
X		itssp	SignalSym	Signal Head Symbols	0	0 / Continuous	1
X		itssp	SignalSym_ep	Signal Head Symbols (Existing)	3	2 / DGN2	0
X		itssp	SignCantilever	Sign Symbol Cantilever	0	0 / Continuous	1
X		itssp	SignCantilever_ep	Sign Symbol Cantilever (Existing)	0	2 / DGN2	0
		itssp	SignDetail	Sign Details	0	0 / Continuous	2
		itssp	SignLettersAZ	Alphabet Cell Library Letter A-Z Numbers 0-9	0	0 / Continuous	0
		itssp	SignMisc	Sign Symbols (Miscellaneous)	3	0 / Continuous	1
		itssp	SignMisc_ep	Sign Symbols (Miscellaneous) (Existing)	1	1 / DGN1	1
X		itssp	SignPanel	Sign Panels - Regulatory	0	0 / Continuous	2
X		itssp	SignPanel_ep	Sign Panel Elements (Existing)	0	2 / DGN2	1
X		itssp	SignPanelBorder	Sign Panel Border on Sign Details	0	0 / Continuous	1
X		itssp	SignPanelC	Sign Panels - Civil	1	0 / Continuous	2
X		itssp	SignPanelDetRed	Sign Panel Details in Red	3	0 / Continuous	2
X		itssp	SignPanelG	Sign Panels - Guide	2	0 / Continuous	2
X		itssp	SignPanell	Sign Panels - Special Interest	9	0 / Continuous	2
X		itssp	SignPanelT	Sign Panels - Construction	6	0 / Continuous	2
X		itssp	SignPanelW	Sign Panels - Warning	4	0 / Continuous	2
X		itssp	SignSpanwire	Span Wire Signing Assembly	2	0 / Continuous	1
X		itssp	SignSpanwire_ep	Span Wire Signing Assembly (Existing)	2	2 / DGN2	1
X		itssp	SignSpecial	Special Signs / Guide Signs	2	0 / Continuous	2
X		itssp	SignSupport	Ground Mounted Sign Support Symbol (All Types)	1	0 / Continuous	1
		itssp	SignSupport_ep	Ground Mounted Sign Support Symbol (All Types)(Existing)	0	3 / DGN3	1
X		itssp	SignSymbol_px	Sign Structure and Foundation on Cross Sections	4	0 / Continuous	2
X		itssp	SignTruss	Sign Symbol Truss	3	0 / Continuous	1
X		itssp	SignTruss_ep	Sign Symbol Truss (Existing)	3	2 / DGN2	1
		itssp	SpecialDetails	Special Details	6	0 / Continuous	1
X		itssp	SspliceBox	Fiber Optic Splice Box	3	0 / Continuous	1
X		itssp	SspliceBox_ep	Fiber Optic Splice Box (Existing)	3	2 / DGN2	0
		itssp	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
		itssp	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
	B	itssp	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
	B	itssp	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
	B	itssp	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
	A	itssp	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
		itssp	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		itssp	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		itssp	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		itssp	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		itssp	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		itssp	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		itssp	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		itssp	TextLabel	Text - Label	0	0 / Continuous	2
		itssp	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		itssp	TextMajor	Text - Major	0	0 / Continuous	5
		itssp	TextMinor	Text - Minor	0	0 / Continuous	0
		itssp	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		itssp	TextNotes	Text - Notes	4	0 / Continuous	1
		itssp	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		itssp	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		itssp	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		itssp	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		itssp	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		itssp	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		itssp	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		itssp	TextTitle	Text - Title	0	0 / Continuous	3
		itssp	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		itssp	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		itssp	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X		itssp	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		itssp	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
X		itssp	TMC	Traffic Management Center	1	0 / Continuous	1
X		itssp	TollReader	Electronic Toll Reader	3	0 / Continuous	1
X		itssp	TollReader_ep	Electronic Toll Reader (Existing)	3	2 / DGN2	0
	A	itssp	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
	A	itssp	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	itssp	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	itssp	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	itssp	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		itssp	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1

KEYSHT - Key Sheets

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	keysht	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	keysht	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		keysht	BaselineSurvey	Baseline Survey	0	0 / Continuous	2
X		keysht	BoxCulvert	Box Culvert	10	0 / Continuous	2
		keysht	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
		keysht	ClipBorder_dp	CLIP Border and Civil 3D View Frame	4	2 / DGN2	0
	B	keysht	ClipDrawingBound_dp	CLIP Drawing Boundary	3	3 / DGN3	0
		keysht	Cloud_dp	Construction Cloud	7	0 / Continuous	2
		keysht	COGO_dp	COGO Information	3	0 / Continuous	1
		keysht	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		keysht	ConstLimits	Construction Limits	3	RW-LimitsofConst	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		keysht	ConstLines	Construction Lines and References	1	0 / Continuous	0
		keysht	ConstLines_pm	Construction Lines	4	0 / Continuous	0
		keysht	CurveData_dp	Curve and Coordinate Data Elements Including PC, PT, PI Symbols	4	0 / Continuous	2
		keysht	CurveDataLabel_dp	Curve Data Labels PC,PI, PT	0	0 / Continuous	2
		keysht	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		keysht	DrainStruct_pr	Drainage Structures (All Types)	10	0 / Continuous	2
X		keysht	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		keysht	Endwall	Endwall (All Types)	10	0 / Continuous	2
X		keysht	FES	Flared End Sections	10	0 / Continuous	2
		keysht	FLMap1	Florida Map items - Weight of 1	1	0 / Continuous	1
		keysht	FLMap2	Florida Map items - Weight of 2	3	0 / Continuous	2
		keysht	FLMap3	Florida Map items - Weight of 3	2	0 / Continuous	3
		keysht	FLMap4	Florida Map items - Color 11 (Interstate)	11	0 / Continuous	4
		keysht	FLMap5	Florida Map items – Weight 5, Style 7 (State Line)	3	7 / DGN7	5
X		keysht	GovTwpRgeLine_ep	Government:Township and Range Government Survey Line	2	RW-TownshipRange	3
		keysht	GradeLine_er	Grade Line Profile (Existing)	2	2 / DGN2	1
		keysht	GradeLine_pr	Grade Line Profile	5	0 / Continuous	2
		keysht	GradeLineCtr_dp	Grade Line Profile Center (Shown in Plan View)	5	0 / Continuous	0
		keysht	GradeLineCtr_pr	Grade Line Profile Center	5	0 / Continuous	2
		keysht	GradeLineLt_dp	Grade Line Profile Left (Shown in Plan View)	1	0 / Continuous	0
		keysht	GradeLineLt_er	Grade Line Profile Left (Existing)	1	2 / DGN2	1
		keysht	GradeLineLt_pr	Grade Line Profile Left	1	0 / Continuous	2
		keysht	GradeLineRt_dp	Grade Line Profile Right (Shown in Plan View)	4	0 / Continuous	0
		keysht	GradeLineRt_er	Grade Line Profile Right (Existing)	4	2 / DGN2	1
		keysht	GradeLineRt_pr	Grade Line Profile Right	4	0 / Continuous	2
		keysht	GradeSecPat	Grade Section Patterns	0	0 / Continuous	0
		keysht	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		keysht	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		keysht	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
		keysht	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		keysht	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
X		keysht	InletBottomJ	Inlet Bottom Type J	10	0 / Continuous	1
X		keysht	InletBottomP	Inlet Bottom Type P	10	0 / Continuous	1
X		keysht	InletClosedFlume	Closed Flume Inlet	10	0 / Continuous	2
X		keysht	InletCurb	Curb Inlet (All Types)	10	0 / Continuous	2
X		keysht	InletDBI	Ditch Bottom Inlet (All Types)	10	0 / Continuous	2
X		keysht	InletGutter	Gutter Inlet (All Types)	10	0 / Continuous	2
X		keysht	InletMedian	Median Barrier Inlet	10	0 / Continuous	2
		keysht	KeyShtMisc	Key Sheet Items (Miscellaneous)	0	0 / Continuous	2
		keysht	LaneDirArrow	Lane Directional Arrow	0	0 / Continuous	1
		Keysht	LaneLine	Lane Lines - Delineates Travel Lanes (Non-plotting)	4	3 / DGN3	2
		keysht	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		keysht	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
X		keysht	Manhole	Manhole (Drainage and Unknown)	10	0 / Continuous	2
		keysht	MapOutline_dp	Outline for Key Maps	0	0 / Continuous	5

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		keysht	MatchLines_dp	Match Lines with Text, Arrows for Station Notations	1	0 / Continuous	2
X		keysht	MES	Mitered End Section	10	0 / Continuous	2
		keysht	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		keysht	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		keysht	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		keysht	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		keysht	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		keysht	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		keysht	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		keysht	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		keysht	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		keysht	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		keysht	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		keysht	NorthArw_dp	North Arrows	0	0 / Continuous	2
		keysht	PatternLines1_dp	Pattern Lines on Cross Sections and All Autodesk (Civil 3D) Tables	3	0 / Continuous	2
		keysht	PatternLines2_dp	Pattern Lines on Cross Sections Alternate for Side Streets, Critical Cross Sections or Drainage Structures	4	0 / Continuous	2
		keysht	PatternLines3_dp	Pattern Lines on Cross Sections Alternate for Side Streets, Critical Cross Sections or Drainage Structures	5	0 / Continuous	2
		keysht	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		keysht	PlotBorder_dp	Plot Border	3	0 / Continuous	0
		keysht	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
		keysht	RailroadDetails	Railroad Crossing Details	3	0 / Continuous	2
		keysht	RailroadXing	Railroad Crossing Elements	11	0 / Continuous	0
		keysht	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
		keysht	RoadwayMisc	Roadway Items (Miscellaneous)	4	0 / Continuous	2
		keysht	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2
		keysht	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		keysht	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		keysht	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		keysht	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		keysht	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		keysht	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		keysht	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		keysht	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		keysht	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		keysht	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		keysht	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
		keysht	SpecialDetails	Special Details	6	0 / Continuous	1
		keysht	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
		keysht	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
	B	keysht	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
	B	keysht	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
	B	keysht	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
	A	keysht	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
		keysht	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		keysht	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		keysht	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		keysht	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		keysht	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		keysht	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		keysht	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		keysht	TextLabel	Text - Label	0	0 / Continuous	2
		keysht	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		keysht	TextMajor	Text - Major	0	0 / Continuous	5
		keysht	TextMinor	Text - Minor	0	0 / Continuous	0
		keysht	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		keysht	TextNotes	Text - Notes	4	0 / Continuous	1
		keysht	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		keysht	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		keysht	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		keysht	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		keysht	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		keysht	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		keysht	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		keysht	TextTitle	Text - Title	0	0 / Continuous	3
		keysht	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		keysht	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		keysht	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X		keysht	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		keysht	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
	A	keysht	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
	A	keysht	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	keysht	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	keysht	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	keysht	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		keysht	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1

MSARSP - Mast Arm Details

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	msarsp	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	msarsp	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		msarsp	COGO_dp	COGO Information	3	0 / Continuous	1
X		msarsp	ConduitAG	Conduit (Above Ground)	4	SG-ConduitAG-Proposed	1
X		msarsp	ConduitBM	Conduit – Bridge Mount	5	SG-ConduitBM-Proposed	1
X		msarsp	ConduitDB	Conduit – Directional Bore	2	SG-ConduitDB-Proposed	1
X		msarsp	ConduitJB	Conduit – Jack & Bore Under Rail	3	SG-ConduitJB-Proposed	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		msarsp	ConduitOT	Conduit – Open Trench	1	SG-ConduitOT-Proposed	1
		msarsp	ConstLines	Construction Lines and References	1	0 / Continuous	0
		msarsp	ConstLines_pm	Construction Lines	4	0 / Continuous	0
X		msarsp	Controller	Controller and Accessories	0	0 / Continuous	2
X		msarsp	Controller_ep	Controller and Accessories (Existing)	0	2 / DGN2	1
X		msarsp	ControllerAccess	Controller Accessories	0	0 / Continuous	1
X		msarsp	ControllerB	Controller - Base Mounted	0	0 / Continuous	2
X		msarsp	ControllerB_ep	Controller - Base Mounted (Existing)	0	2 / DGN2	1
X		msarsp	ControllerP	Controller Pole Mount	0	0 / Continuous	2
X		msarsp	ControllerP_ep	Controller Pole Mount (Existing)	0	2 / DGN2	1
X		msarsp	Detector	Detector Cabinet, Button and Miscellaneous Assemblies	3	0 / Continuous	2
X		msarsp	DetectorVeh	Detector Vehicle Assemblies (All Types)	3	0 / Continuous	1
		msarsp	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		msarsp	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		msarsp	ElecBur	Electrical (Buried)	3	UT-BuriedElec-Proposed	2
X		msarsp	ElecServ	Electrical Service (Miscellaneous)	3	0 / Continuous	2
X		msarsp	ElecServWire	Electrical Service Wire	3	0 / Continuous	2
X		msarsp	FOCBur	Fiber Optics Cable (Buried)	6	UT-BuriedFOC-Proposed	2
		msarsp	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		msarsp	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		msarsp	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
		mrarsp	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		mrarsp	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
X		msarsp	Insulator	Insulator, Fiberglass	3	0 / Continuous	4
X		msarsp	InterconCable	Cable Interconnect	1	SG-InterconCable-Proposed	1
X		msarsp	InterconCable_ep	Interconnect Cable (Existing)	1	SG-InterconCable-Existing	0
X		msarsp	JunctBoxA	Junction Boxes (Aerial)	3	0 / Continuous	1
X		msarsp	JunctBoxA_ep	Junction Boxes (Aerial) (Existing)	3	1 / DGN1	0
		msarsp	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
X		msarsp	LoadCenter	Load Center	2	0 / Continuous	1
X		msarsp	LoadCenter_ep	Load Center (Existing)	2	5 / DGN5	0
		msarsp	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
X		msarsp	LoopLI	Loop Lead-In	3	0 / Continuous	1
X		msarsp	LoopLI_ep	Loop Lead-In (Existing)	3	2 / DGN2	0
X		msarsp	Loops	Loop Assembly (All Types)	2	0 / Continuous	2
X		msarsp	Loops_ep	Loop Assembly (All Types) (Existing)	2	2 / DGN2	2
X		msarsp	MessengerWire	Messenger Wire	3	0 / Continuous	1
		msarsp	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		msarsp	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		msarsp	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		msarsp	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		msarsp	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		msarsp	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		msarsp	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		msarsp	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		msarsp	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		msarsp	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		msarsp	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		msarsp	NorthArw_dp	North Arrows	0	0 / Continuous	2
X		msarsp	ObjectMarker	Object and Reflective Markers	3	0 / Continuous	1
X		msarsp	OverheadSign	Overhead Sign Panels	0	0 / Continuous	2
X		msarsp	OverheadSign_ep	Overhead Sign Panels (Existing)	0	3 / DGN3	1
X		msarsp	OverheadStr	Mast Arm, Truss Assemblies, Signal Arms and Supports	0	0 / Continuous	2
X		msarsp	OverheadStr_ep	Mast Arm, Truss Assemblies, Signal Arms and Supports (Existing)	0	3 / DGN3	1
		msarsp	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		msarsp	PedDetector	Pedestrian Detector	0	0 / Continuous	2
X		msarsp	Pedestal	Pedestal	1	0 / Continuous	1
X		msarsp	Pedestal_ep	Pedestal (Existing)	1	2 / DGN2	1
X		msarsp	PedHead	Pedestrian Head (All Types)	1	0 / Continuous	1
X		msarsp	PedHead_ep	Pedestrian Head (All Types) (Existing)	0	2 / DGN2	1
X		msarsp	PlotBorder_dp	Plot Border	3	0 / Continuous	0
		msarsp	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
X		msarsp	PoleConc	Concrete Strain Pole	0	0 / Continuous	2
X		msarsp	PoleConc_ep	Concrete Strain Pole (Existing)	0	2 / DGN2	1
X		msarsp	PoleFound	Pole Foundation	0	0 / Continuous	2
X		msarsp	PoleLight	Light Pole	2	0 / Continuous	1
X		msarsp	PoleLight_ep	Light Pole (Existing)	2	2 / DGN2	1
X		msarsp	PoleLightHM	High Mast Light Pole	3	0 / Continuous	1
X		msarsp	PoleLightHM_ep	High Mast Light Pole (Existing)	2	2 / DGN2	1
		msarsp	PoleLightID	Light Pole Location / ID	4	0 / Continuous	1
X		msarsp	PullBox	Pull Boxes (All Types)	3	0 / Continuous	1
		msarsp	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X		msarsp	SawCuts	Saw Cuts	3	3 / DGN3	0
		msarsp	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2
		msarsp	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		msarsp	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		msarsp	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		msarsp	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		msarsp	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		msarsp	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		msarsp	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		msarsp	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		msarsp	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		msarsp	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		msarsp	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
X		msarsp	SignalCable	Signal Cable	3	SG-Cable / Continuous	1
X		msarsp	SignalCableAccs	Signal Cable Accessories	0	0 / Continuous	2
X		msarsp	SignalDetail	Signal Details	0	0 / Continuous	1
		msarsp	SignalHead	Signal Head Section Details	2	0 / Continuous	1
X		msarsp	SignalHead_ep	Signal Head Section Details (Existing)	2	2 / DGN2	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		msarsp	SignalMisc	Signal Equipment (Miscellaneous)	3	0 / Continuous	1
X		msarsp	SignalSOP	Signal Operating Plan (SOP) Box and Movements	0	0 / Continuous	2
X		msarsp	SignalSym	Signal Head Symbols	0	0 / Continuous	1
X		msarsp	SignalSym_ep	Signal Head Symbols (Existing)	3	2 / DGN2	0
X		msarsp	SignCantilever	Sign Symbol Cantilever	0	0 / Continuous	1
X		msarsp	SignCantilever_ep	Sign Symbol Cantilever (Existing)	0	2 / DGN2	0
		msarsp	SignDetail	Sign Details	0	0 / Continuous	2
		msarsp	SignLettersAZ	Alphabet Cell Library Letter A-Z Numbers 0-9	0	0 / Continuous	0
		msarsp	SignMisc	Sign Symbols (Miscellaneous)	3	0 / Continuous	1
		msarsp	SignMisc_ep	Sign Symbols (Miscellaneous) (Existing)	1	1 / DGN1	1
X		msarsp	SignPanel	Sign Panels - Regulatory	0	0 / Continuous	2
X		msarsp	SignPanel_ep	Sign Panel Elements (Existing)	0	2 / DGN2	1
X		msarsp	SignPanelBorder	Sign Panel Border on Sign Details	0	0 / Continuous	1
X		msarsp	SignSpanwire	Span Wire Signing Assembly	2	0 / Continuous	1
X		msarsp	SignSpanwire_ep	Span Wire Signing Assembly (Existing)	2	2 / DGN2	1
X		msarsp	SignSpecial	Special Signs / Guide Signs	2	0 / Continuous	2
X		msarsp	SignSupport	Ground Mounted Sign Support Symbol (All Types)	1	0 / Continuous	1
		msarsp	SignSupport_ep	Ground Mounted Sign Support Symbol (All Types)(Existing)	0	3 / DGN3	1
X		msarsp	SignSymbol_px	Sign Structure and Foundation on Cross Sections	4	0 / Continuous	2
X		msarsp	SignTruss	Sign Symbol Truss	3	0 / Continuous	1
X		msarsp	SignTruss_ep	Sign Symbol Truss (Existing)	3	2 / DGN2	1
		msarsp	SpecialDetails	Special Details	6	0 / Continuous	1
	B	msarsp	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
	B	msarsp	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
	B	msarsp	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
	A	msarsp	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
		msarsp	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		msarsp	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		msarsp	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		msarsp	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		msarsp	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		msarsp	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		msarsp	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		msarsp	TextLabel	Text - Label	0	0 / Continuous	2
		msarsp	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		msarsp	TextMajor	Text - Major	0	0 / Continuous	5
		msarsp	TextMinor	Text - Minor	0	0 / Continuous	0
		msarsp	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		msarsp	TextNotes	Text - Notes	4	0 / Continuous	1
		msarsp	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		msarsp	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		msarsp	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		msarsp	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		msarsp	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		msarsp	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		msarsp	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		msarsp	TextTitle	Text - Title	0	0 / Continuous	3
		msarsp	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		msarsp	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		msarsp	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		msarsp	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		msarsp	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
	A	msarsp	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
	A	msarsp	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	msarsp	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	msarsp	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	msarsp	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		msarsp	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1

OPEN - All Levels and Symbology Accepted

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		open		<< All Levels and Symbology Accepted >>			

PDXSRD - Pond Cross Section

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	pdxsrd	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	pdxsrd	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
X		pdxsrd	Barricade_px	Barricades Type I and II, Vertical Panels on Typical	6	0 / Continuous	2
X		pdxsrd	BarricadeIII_px	Barricade Type III on Typical	6	0 / Continuous	2
		pdxsrd	BaselineSurvey	Baseline Survey	0	0 / Continuous	2
X		pdxsrd	Berm_px	Berm (Top, Front, or Back) on Cross Sections	10	0 / Continuous	2
X		pdxsrd	BLSurvey_px	Baseline Survey on Cross Sections	0	0 / Continuous	2
X		pdxsrd	Bridge_px	Bridge Component on Cross Sections - Component Property	0	0 / Continuous	2
X		pdxsrd	CableBarrier_px	Cable Barrier on CrossSections	0	0 / Continuous	2
X		pdxsrd	CandG_ex	Curb and Gutter on Cross Sections (All Types) (Existing)	4	2 / DGN2	1
X		pdxsrd	CandG_px	Curb and Gutter on Cross Sections (All Types)	4	0 / Continuous	2
X		pdxsrd	CandGBase_px	Curb and Gutter Base on Cross Sections	3	0 / Continuous	1
X		pdxsrd	CATVBur_ex	Cable TV and Miscellaneous on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		pdxsrd	CATVBur_px	Cable TV and Miscellaneous on Cross Sections (Buried)	6	0 / Continuous	1
X		pdxsrd	ChannelDevPed_px	Longitudinal Channelizing Device for Pedestrians on Typical	6	0 / Continuous	2
		pdxsrd	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
X		pdxsrd	CLConst_px	Center Line of Construction on Cross Sections	0	0 / Continuous	2
		pdxsrd	Cloud_dp	Construction Cloud	7	0 / Continuous	2
		pdxsrd	COGO_dp	COGO Information	3	0 / Continuous	1
X		pdxsrd	Concrete_px	Concrete Boundary Lines on Cross Sections	0	0 / Continuous	2
X		pdxsrd	Conduit_ex	Conduit and Encasements on Cross Sections (Existing)	3	2 / DGN2	1
X		pdxsrd	Conduit_px	Conduit and Encasements on Cross Sections	3	0 / Continuous	1
X		pdxsrd	Cone_px	Cone and Tubular Marker on Typical	6	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		pdxsrd	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		pdxsrd	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
		pdxsrd	ConstLines	Construction Lines and References	1	0 / Continuous	0
		pdxsrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
		pdxsrd	CurveData_dp	Curve and Coordinate Data Elements Including PC, PT, PI Symbols	4	0 / Continuous	2
		pdxsrd	CurveDataLabel_dp	Curve Data Labels PC,PI, PT	0	0 / Continuous	2
		pdxsrd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		pdxsrd	Ditch_px	Ditch Top on Cross Sections	7	0 / Continuous	2
X		pdxsrd	DitchBot_px	Ditch Bottom on Cross Sections	10	0 / Continuous	2
X		pdxsrd	DitchPavt_px	Ditch Pavement on Cross Sections	3	0 / Continuous	3
		pdxsrd	DrainAlert_px	Alert Symbology for Structural Elements on Cross Sections	3	0 / Continuous	2
		pdxsrd	DrainMisc_ex	Drainage Elements on Cross Sections (All) (Miscellaneous) (Existing)	10	3 / DGN3	1
X		pdxsrd	DrainStruct_ex	Drainage Structures on Cross Sections (All) (Existing)	10	3 / DGN3	1
X		pdxsrd	DrainStruct_px	Drainage Structures and Elements for on Cross Sections (Miscellaneous)	10	0 / Continuous	2
X		pdxsrd	Driveway_ex	Driveway Lines on Cross Sections (Existing)	7	2 / DGN2	2
X		pdxsrd	Driveway_px	Driveway Lines on Cross Sections	7	0 / Continuous	2
X		pdxsrd	DrivewayBase_px	Driveway SubgradeSubgrade on Cross Sections	3	0 / Continuous	2
X		pdxsrd	Drum_px	Drum on Typical	6	0 / Continuous	2
X		pdxsrd	DTM_ex	Digital Terrain Model on Cross Sections (Existing)	2	2 / DGN2	1
X		pdxsrd	DTM_px	Digital Terrain Model on Cross Sections	1	0 / Continuous	0
		pdxsrd	Earthwork1_px	Earthwork (Color 0) on Cross Sections	0	0 / Continuous	1
		pdxsrd	Earthwork2_px	Earthwork (Color 1) on Cross Sections	1	0 / Continuous	1
		pdxsrd	Earthwork3_px	Earthwork (Color 2) on Cross Sections	2	0 / Continuous	1
		pdxsrd	Earthwork4_px	Earthwork (Color 3) on Cross Sections	3	0 / Continuous	1
		pdxsrd	Earthwork5_px	Earthwork (Color 4) on Cross Sections	4	0 / Continuous	1
X		pdxsrd	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		pdxsrd	EaseLine_ep	Easement Lines (Existing)	1	2 / DGN2	0
X		pdxsrd	EasePerpLine_px	Easement Lines Perpetual on Cross Sections	4	RW-PerpetualEasement	2
X		pdxsrd	EaseTempLine_px	Easement Lines Temporary on Cross Sections	6	RW-TemporaryEasement	0
X		pdxsrd	ElecBur_ex	Electrical on Cross Sections (Buried) (Existing)	3	2 / DGN2	1
X		pdxsrd	ElecBur_px	Electrical on Cross Sections (Buried)	3	0 / Continuous	1
X		pdxsrd	Endwall_px	Endwall on Cross Sections	10	0 / Continuous	2
		pdxsrd	ExcavationLimits_dp	Excavation Limits on Cross Sections	0	0 / Continuous	1
		pdxsrd	Fence_ex	Fence Lines on Cross Sections (Existing)	6	3 / DGN3	1
X		pdxsrd	Fence_px	Fence Lines on Cross Sections	6	RD-Fence	2
X		pdxsrd	FES_px	Flared End Sections on Cross Sections	10	0 / Continuous	2
X		pdxsrd	FOCBur_ex	Fiber Optics Cable on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		pdxsrd	FOCBur_px	Fiber Optics Cable on Cross Sections (Buried)	6	0 / Continuous	1
X		pdxsrd	FOEBur_ex	Fiber Optics Electrical on Cross Sections (Buried) (Existing)	3	2 / DGN2	1
X		pdxsrd	FOEBur_px	Fiber Optics Electrical on Cross Sections (Buried)	3	0 / Continuous	1
X		pdxsrd	FOTBur_ex	Fiber Optics Telephone on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		pdxsrd	FOTBur_px	Fiber Optics Telephone on Cross Sections (Buried)	6	0 / Continuous	1
X		pdxsrd	Gas_ex	Gas Pipe and Fittings on Cross Sections (Miscellaneous) (Existing)	4	2 / DGN2	1
X		pdxsrd	Gas_px	Gas Pipe and Fittings on Cross Sections (Miscellaneous)	4	0 / Continuous	1
		pdxsrd	GeotechFillPatt1	Geotechnical Fill Pattern - (Earth, Wood, Muck, Concrete, Rock, Riprap) as Defined in Project	3	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		pdxsrd	GeotechFillPat1_px	Geotechnical Fill Pattern on Cross Sections - (Earth, Wood, Muck, Concrete, Rock, Riprap) as Defined in Project	3	0 / Continuous	0
		pdxsrd	GeotechFillPat2	Geotechnical Fill Pattern - Clay, Sand	0	1 / DGN1	0
		pdxsrd	GeotechFillPat2_px	Geotechnical Fill Pattern on Cross Sections - Clay, Sand	0	1 / DGN1	0
		pdxsrd	GeotechFillPat3	Geotechnical Fill Pattern - Shell	3	1 / DGN1	0
		pdxsrd	GeotechFillPat3_px	Geotechnical Fill Pattern on Cross Sections - Shell	3	1 / DGN1	0
		pdxsrd	GeotechFillPat4	Geotechnical Fill Pattern - Sand	4	0 / Continuous	0
		pdxsrd	GeotechFillPat4_px	Geotechnical Fill Pattern on Cross Sections - Sand	4	0 / Continuous	0
		pdxsrd	GeotechFillPat5	Geotechnical Fill Pattern - Coquina	1	0 / Continuous	1
		pdxsrd	GeotechFillPat5_px	Geotechnical Fill Pattern on Cross Sections - Coquina	1	0 / Continuous	1
		pdxsrd	GeotechFillPat6	Geotechnical Fill Pattern - Limestone	2	0 / Continuous	0
		pdxsrd	GeotechFillPat6_px	Geotechnical Fill Pattern on Cross Sections - Limestone	2	0 / Continuous	0
		pdxsrd	GeotechFillPat7	Geotechnical Fill Pattern - Gravel	6	0 / Continuous	0
		pdxsrd	GeotechFillPat7_px	Geotechnical Fill Pattern on Cross Sections - Gravel	6	0 / Continuous	0
		pdxsrd	GeotechFillPat8	Geotechnical Fill Pattern - Silt	0	0 / Continuous	1
		pdxsrd	GeotechFillPat8_px	Geotechnical Fill Pattern on Cross Sections - Silt	0	0 / Continuous	1
		pdxsrd	GeotechMisc	Geotechnical Elements (Miscellaneous)	0	0 / Continuous	1
	B	pdxsrd	GPKDrBack_dp	Back Point on Drainage Cells	2	2 / DGN2	2
	B	pdxsrd	GPKDrBottom_dp	Bottom Point on Drainage Cells	3	3 / DGN3	2
	B	pdxsrd	GPKDrCellIns_dp	Cell Insertion Point on Drainage Cells	4	4 / DGN5	2
	B	pdxsrd	GPKDrCentroid_dp	Point on Centroid for Drainage	7	7 / DGN7	2
	B	pdxsrd	GPKDrElv	Location Point for Drainage Cells	5	5 / DGN5	2
	B	pdxsrd	GPKDrFront_dp	Front Point on Drainage Cells	1	1 / DGN1	2
	B	pdxsrd	GPKDrPipe_dp	Point on Drainage Pipe	6	6 / DGN6	2
	B	pdxsrd	GPKDrPipeCir_dp	Point on Pipe Circular	6	6 / DGN6	0
		pdxsrd	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		pdxsrd	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		pdxsrd	GridMinG_dp	Grid Lines Minor Sub 2 on Cross Section Sheets	20	0 / Continuous	0
		pdxsrd	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
X		pdxsrd	Guardrail_ex	Guardrail Lines on Cross Sections (Existing)	0	2 / DGN2	2
X		pdxsrd	GuardrailPanel_px	Guardrail Component Property on Cross Sections for 3D Guardrail Panels	11	0 / Continuous	1
X	B	pdxsrd	GuardrailPost_px	Guardrail Component Property on Cross Sections for 3D Guardrail Posts	10	0 / Continuous	0
		pdxsrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		pdxsrd	Inlet_px	Inlets on Cross Sections	10	0 / Continuous	2
X		pdxsrd	InletBottom_px	Inlet Bottom on Cross Sections (All Types)	10	0 / Continuous	2
X		pdxsrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		pdxsrd	KeyShtMisc	Key Sheet Items (Miscellaneous)	0	0 / Continuous	2
X		pdxsrd	LARWLine_ex	Limited Access Right of Way Lines on Cross Sections (Existing)	4	RW-LimitedAccess-Existing	1
X		pdxsrd	LARWLine_px	Limited Access Right of Way Lines on Cross Sections	4	RW-LimitedAccess-Proposed	2
X		pdxsrd	LateralLimits_px	Lateral Limits on Cross Sections	6	0 / Continuous	2
		pdxsrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		pdxsrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
		pdxsrd	Manhole_ex	Manhole on Cross Sections (Existing)	10	3 / DGN3	2
X		pdxsrd	Manhole_px	Manhole on Cross Sections	10	0 / Continuous	2
X		pdxsrd	MES_px	Mitered End Section on Cross Sections	10	0 / Continuous	2
		pdxsrd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		pdxsr	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		pdxsr	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		pdxsr	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		pdxsr	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		pdxsr	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		pdxsr	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		pdxsr	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		pdxsr	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		pdxsr	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		pdxsr	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		pdxsr	PatternLines1_dp	Pattern Lines on Cross Sections and All Autodesk (Civil 3D) Tables	3	0 / Continuous	2
		pdxsr	PatternLines2_dp	Pattern Lines on Cross Sections Alternate for Side Streets, CriticalCross Sections or Drainage Structures	4	0 / Continuous	2
		pdxsr	PatternLines3_dp	Pattern Lines on Cross Sections Alternate for Side Streets, CriticalCross Sections or Drainage Structures	5	0 / Continuous	2
X		pdxsr	PavedMedianBase_px	Median Subgrade on Cross Sections (Paved)	3	0 / Continuous	2
		pdxsr	PavtAsphalt_ep	Asphalt Pavement Edge (Existing)	0	3 / DGN3	1
X		pdxsr	PavtAsphalt_px	Asphalt Pavement on Cross Sections and Components in Models	1	0 / Continuous	2
X		pdxsr	PavtBase_ex	Base Material on Cross Sections (All Types) (Existing)	3	3 / DGN3	1
X		pdxsr	PavtBase_px	Base Material on Cross Sections (All Types)	3	0 / Continuous	2
X		pdxsr	PavtConcrete_px	Concrete Pavement on Cross Sections and Components in Models	0	0 / Continuous	2
X		pdxsr	PavtMilling_px	Asphalt Milling Lines on Cross Sections	7	0 / Continuous	2
X		pdxsr	PavtMisc_px	Pavement on Cross Sections (Miscellaneous)	1	0 / Continuous	2
X		pdxsr	PavtOverbuild_px	Pavement Overbuild Areas on Cross Sections - Component Property	4	0 / Continuous	2
X		pdxsr	PavtOverlay_px	Pavement Overlay on Cross Sections - Component Property	1	0 / Continuous	2
X		pdxsr	PavtOverlay1_px	Pavement Overlay on Cross Sections - Component Property	14	0 / Continuous	2
X		pdxsr	PavtOverlay2_px	Pavement Overlay on Cross Sections - Component Property	7	0 / Continuous	2
X		pdxsr	PavtStabilization_px	Stabilization on Cross Sections	5	2 / DGN2	2
		pdxsr	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
		pdxsr	PipeCulvert_ep	Pipe Culvert (Existing)	10	3 / DGN3	1
X		pdxsr	PipeCulvert_ex	Pipe Culvert in Cross Sections (Existing)	10	3 / DGN3	1
X		pdxsr	PipeCulvert_pr	Pipe Culvert in Profile	10	0 / Continuous	2
X		pdxsr	PipeCulvert_px	Pipe Culvert on Cross Section View	10	0 / Continuous	2
X		pdxsr	PlotBorder_dp	Plot Border	3	0 / Continuous	0
		pdxsr	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
X		pdxsr	Pond_px	Pond Lines on Cross Sections	2	0 / Continuous	2
X		pdxsr	PropertyLine_ep	Property Lines (Existing)	7	0 / Continuous	0
X	B	pdxsr	PvtAnalysisCrown_px	Pavement Analysis Crowning on Cross Sections - Component Property	7	0 / Continuous	1
X	B	pdxsr	PvtAnalysisFail_px	Pavement Analysis Failure on Cross Sections - Component Property	3	0 / Continuous	1
X	B	pdxsr	PvtAnalysisMax_px	Pavement Analysis Acceptable Maximum Range on Cross Sections - Component Property	5	0 / Continuous	1
X	B	pdxsr	PvtAnalysisMin_px	Pavement Analysis Acceptable Minimum Range on Cross Sections - Component Property	4	0 / Continuous	1
X	B	pdxsr	PvtAnalysisOptiml_px	Pavement Analysis Optima on Cross Sections - Component Property	2	0 / Continuous	1
X		pdxsr	Railing_px	Railing Components and Cross Sections Shapes	9	0 / Continuous	2
		pdxsr	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
	A	pdxsr	RegionBdry_dp	Boundary Line for Regions in Corridor Design (For AutoCAD Use)	0	0 / Continuous	0
X		pdxsr	RipRap_px	Rip Rap, Rubble on Cross Sections	4	1 / DGN1	2
X		pdxsr	RumbleStrip1	Rumble Strips Continuous Array (16 in)	0	PM-RumbleSolid	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		pdxsrd	RumbleStrip2	Rumble Strips Skip Array (16 in)	0	PM-RumbleSkip	2
X		drxsrd	RumbleStrip3	Rumble Strips Continuous Array (8 in)	0	PM-RumbleSolid8in	2
X		drxsrd	RumbleStrip4	Rumble Strips Skip Array (8 in)	0	PM-RumbleSkip8in	2
X		pdxsrd	RWLine	Right of Way Lines	4	RW-Proposed	3
X		pdxsrd	RWLine_ep	Right of Way Lines (Existing)	7	RW-Existing	0
X		pdxsrd	RWLine_ex	Right of Way Lines on Cross Sections (Existing)	3	RW-Existing	1
X		pdxsrd	RWLine_px	Right of Way Lines on Cross Sections	4	RW-Proposed	2
X		pdxsrd	SanitaryFM_ex	Force Main Lines on Cross Sections (Existing)	2	2 / DGN2	1
X		pdxsrd	SanitaryFM_px	Force Main Lines on Cross Sections	2	0 / Continuous	1
X		pdxsrd	SanitarySewer_ex	Sanitary Sewer on Cross Sections (Existing)	2	2 / DGN2	0
X		pdxsrd	SanitarySewer_px	Sanitary Sewer on Cross Sections	2	0 / Continuous	1
X		pdxsrd	SanitarySewerEff_ex	Sanitary Sewer Effluent on Cross Sections (Existing)	5	0 / Continuous	0
X		pdxsrd	SanitarySewerEff_px	Sanitary Sewer Effluent on Cross Sections	5	0 / Continuous	0
		pdxsrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		pdxsrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		pdxsrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		pdxsrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		pdxsrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		pdxsrd	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		pdxsrd	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		pdxsrd	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		pdxsrd	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		pdxsrd	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		pdxsrd	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
X		pdxsrd	ShldrBase_px	Shoulder Base on Cross Sections	3	0 / Continuous	2
X		pdxsrd	ShldrMilling_px	Shoulder Milling on Cross Sections - Component Property	7	0 / Continuous	2
X		pdxsrd	ShldrOverbuild_px	Shoulder Overbuild on Cross Sections - Component Property	4	0 / Continuous	1
X		pdxsrd	ShldrOverlay_px	Shoulder Overlay on Cross Sections - Component Property	1	0 / Continuous	1
X		pdxsrd	ShldrPaved_px	Shoulder Lines on Cross Sections (Paved)	1	0 / Continuous	2
X		pdxsrd	ShldrUnpaved_px	Shoulder Lines on Cross Sections (Unpaved)	2	0 / Continuous	2
X		pdxsrd	Sidewalk_ex	Sidewalk Elements on Cross Sections (Existing)	0	2 / DGN2	1
X		pdxsrd	Sidewalk_px	Sidewalk Elements on Cross Sections	0	0 / Continuous	2
		pdxsrd	SidewalkBack_er	Back of Sidewalk Line Profile (Existing)	2	2 / DGN2	1
		pdxsrd	SidewalkBack_pr	Back of Sidewalk Line Profile	5	0 / Continuous	2
X		pdxsrd	SidewalkBase_px	Sidewalk Subgrade on Cross Sections	3	0 / Continuous	2
X		pdxsrd	SignSymbol_px	Sign Structure and Foundation on Cross Sections	4	0 / Continuous	2
X		pdxsrd	Slopes_px	Slope Lines on Cross Sections	9	0 / Continuous	2
X		pdxsrd	SoilBoxes_px	Soil Boxes and Borings on Cross Sections	4	0 / Continuous	1
		pdxsrd	SpecialDetails	Special Details	6	0 / Continuous	1
		pdxsrd	SpecialDetails_px	Special Details on Cross Sections	6	0 / Continuous	1
		pdxsrd	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
		pdxsrd	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
X		pdxsrd	StreetLights_px	Street Lights on Cross Sections	3	0 / Continuous	1
		pdxsrd	Structure_px	Signal and Sign Structures on Cross Sections	0	0 / Continuous	2
X		pdxsrd	SubDsgn_px	Sub Design on Cross Sections Including sub-base	4	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		pdxsrd	Subsoil_px	Subsoil or Undercut on Cross Sections	4	0 / Continuous	2
X		pdxsrd	SubsoilFinal_px	Subsoil Final for Multiline on Cross Sections	18	0 / Continuous	1
X		pdxsrd	SubsoilProp_px	Subsoil Proposed for Multiline on Cross Sections	8	0 / Continuous	1
	B	pdxsrd	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
	B	pdxsrd	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
	B	pdxsrd	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
		pdxsrd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
X		pdxsrd	TeleBur_ex	Telephone on Cross Sections (Buried) (Miscellaneous) (Existing)	6	2 / DGN2	1
X		pdxsrd	TeleBur_px	Telephone on Cross Sections (Buried) (Miscellaneous)	6	0 / Continuous	1
X		pdxsrd	TempBarrier_px	Temporary Barrier on Typical	6	0 / Continuous	2
X	B	pdxsrd	TemplateBottom_px	Bottom of Template for Multiline on Cross Sections	6	0 / Continuous	1
X	B	pdxsrd	TemplateFinal_px	Final Template for Multiline on Cross Sections	2	0 / Continuous	1
X	B	pdxsrd	TemplateTop_px	Top of Template for Multiline on Cross Sections	7	0 / Continuous	1
X		pdxsrd	TerrainLine_ex	Ground Line for Multiline on Cross Sections (Existing)	5	0 / Continuous	1
		pdxsrd	TextAlert	Text - Alert Label to Highlight a Problem	3	0 / Continuous	2
		pdxsrd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		pdxsrd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		pdxsrd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		pdxsrd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		pdxsrd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		pdxsrd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		pdxsrd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		pdxsrd	TextGeotech	Text - Soil Borings and Labels	0	0 / Continuous	2
		pdxsrd	TextLabel	Text - Label	0	0 / Continuous	2
		pdxsrd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		pdxsrd	TextMajor	Text - Major	0	0 / Continuous	5
		pdxsrd	TextMinor	Text - Minor	0	0 / Continuous	0
		pdxsrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		pdxsrd	TextNotes	Text - Notes	4	0 / Continuous	1
		pdxsrd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		pdxsrd	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		pdxsrd	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		pdxsrd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		pdxsrd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		pdxsrd	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		pdxsrd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		pdxsrd	TextTitle	Text - Title	0	0 / Continuous	3
		pdxsrd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		pdxsrd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		pdxsrd	TextXSBL_dp	Text - Cross Section Baseline Labels	0	0 / Continuous	2
		pdxsrd	TextXSDrain_ex	Text - Cross Section Drainage Labels (Existing)	10	0 / Continuous	2
		pdxsrd	TextXSDrain_px	Text - Cross Section Drainage Labels	10	0 / Continuous	2
		pdxsrd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
		pdxsrd	TextXSElev_ex	Text - Cross Section Elevations (Existing)	2	0 / Continuous	1
		pdxsrd	TextXSElev_px	Text - Cross Section Elevations	0	0 / Continuous	1
	B	pdxsrd	TextXSGPKPts_dp	Text - Cross Section Points Labels	4	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		pdxsr	TextXSNotes_dp	Text - Cross Section Notes	0	0 / Continuous	2
		pdxsr	TextXSslope_dp	Text - Cross Section Slope Labels (rise:run format)	0	0 / Continuous	2
		pdxsr	TextXSslopePvt_dp	Text - Cross Section Pavement Slope Labels	0	0 / Continuous	2
X		pdxsr	TrafSeparator_ex	Traffic Separator on Cross Sections (All Types) (Existing)	6	2 / DGN2	1
X		pdxsr	TrafSeparator_px	Traffic Separator on Cross Sections (All Types)	6	0 / Continuous	2
X		pdxsr	TrafSeparatorBase_px	Traffic Separator Subgrade on Cross Sections	3	0 / Continuous	2
		pdxsr	TypicalMisc	Typical Items (Miscellaneous)	0	0 / Continuous	2
X		pdxsr	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		pdxsr	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
X		pdxsr	TubularMarker_px	Tubular Markers on Typical	6	0 / Continuous	2
		pdxsr	UtilsMisc_ex	Utility Items on Cross Sections (Miscellaneous) (Existing)	8	2 / DGN2	1
		pdxsr	UtilsMisc_px	Utility Items on Cross Sections (Miscellaneous)	8	0 / Continuous	1
		pdxsr	Vehicle	Vehicle for Calculating Turning Radius	7	0 / Continuous	2
	A	pdxsr	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
		pdxsr	VoidArea_dx	Void Area on Cross Sections	1	0 / Continuous	0
X		pdxsr	WallBarrier_ex	Barrier Wall on Cross Section (Existing)	6	3 / DGN3	1
X		pdxsr	WallBarrier_px	Barrier Wall on Cross Section	6	0 / Continuous	2
X		pdxsr	WallFooter_px	Wall Footer (Concrete) on Cross Sections - Component Symbology/Material on All Wall Footers/Leveling Pads	2	0 / Continuous	1
X		pdxsr	WallGravBase_px	Gravity Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		pdxsr	WallGravity_px	Gravity Wall on Cross Sections	11	0 / Continuous	2
X		pdxsr	WallMedianBase_px	Median Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		pdxsr	WallRetain_px	Retaining Walls on Cross Sections	6	0 / Continuous	1
X		pdxsr	WallShldrBase_px	Shoulder Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		pdxsr	Water_ex	Water on Cross Sections (Existing)	1	2 / DGN2	1
X		pdxsr	Water_px	Water on Cross Sections	1	0 / Continuous	1
X		pdxsr	WaterNP_ex	Raw Water Pipes on Cross Sections (Existing)	5	0 / Continuous	1
X		pdxsr	WaterNP_px	Raw Water Pipes on Cross Sections	5	0 / Continuous	1
		pdxsr	Wetland_ex	Wetland Boundary on Cross Sections (Existing)	2	RD-Wetland-Existing	1
		pdxsr	WetlandEM_ep	Edge of Mangrove (Existing)	2	RD-Wetland-Existing	0
		pdxsr	WetlandMAR_ep	Edge of Wetlands (Marsh or Swamp) (Existing)	2	RD-Wetland-Existing	0
	A	pdxsr	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	pdxsr	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	pdxsr	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	pdxsr	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
X		pdxsr	XSBaseTop_px	Cross Section Top of Base	3	0 / Continuous	2
		pdxsr	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1
X		pdxsr	XSExtendGrdLine_ex	Cross Section Extend Ground Lines (Existing)	21	2 / DGN2	1
X		pdxsr	XSGrdLine_ex	Cross Section Ground Lines (Existing)	2	2 / DGN2	1
X		pdxsr	XSGrdLine_px	Cross Section Roadway Ground Lines	1	0 / Continuous	2
		pdxsr	XSMisc_ex	Cross Section Roadway Items (Miscellaneous) (Existing)	4	3 / DGN3	1
		pdxsr	XSMisc_px	Cross Section Items (Miscellaneous)	0	0 / Continuous	2
		pdxsr	XSPatternlines_ep	Cross Section Chain (Existing)	2	1 / DGN1	0
		pdxsr	XSPT_ep	Cross Section Point, Station (Existing)	2	1 / DGN1	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	pdxsrd	XSShapeDep01_dp	Cross Section Shape Dependent	11	0 / Continuous	2
	B	pdxsrd	XSShapeDep02_dp	Cross Section Shape Dependent	12	0 / Continuous	2
	B	pdxsrd	XSShapeDep03_dp	Cross Section Shape Dependent	13	0 / Continuous	2
	B	pdxsrd	XSShapeDep04_dp	Cross Section Shape Dependent	14	0 / Continuous	2
	B	pdxsrd	XSShapeDep05_dp	Cross Section Shape Dependent	15	0 / Continuous	2
	B	pdxsrd	XSShapeDep06_dp	Cross Section Shape Dependent	16	0 / Continuous	2
	B	pdxsrd	XSShapeDep07_dp	Cross Section Shape Dependent	17	0 / Continuous	2
	B	pdxsrd	XSShapeDep08_dp	Cross Section Shape Dependent	18	0 / Continuous	2
	B	pdxsrd	XSShapeDep09_dp	Cross Section Shape Dependent	19	0 / Continuous	2
	B	pdxsrd	XSShapeDep10_dp	Cross Section Shape Dependent	20	0 / Continuous	2
	B	pdxsrd	XSShapeIndep01_dp	Cross Section Shape Independent	1	0 / Continuous	2
	B	pdxsrd	XSShapeIndep02_dp	Cross Section Shape Independent	2	0 / Continuous	2
	B	pdxsrd	XSShapeIndep03_dp	Cross Section Shape Independent	3	0 / Continuous	2
	B	pdxsrd	XSShapeIndep04_dp	Cross Section Shape Independent	4	0 / Continuous	2
	B	pdxsrd	XSShapeIndep05_dp	Cross Section Shape Independent	5	0 / Continuous	2
	B	pdxsrd	XSShapeIndep06_dp	Cross Section Shape Independent	6	0 / Continuous	2
	B	pdxsrd	XSShapeIndep07_dp	Cross Section Shape Independent	7	0 / Continuous	2
	B	pdxsrd	XSShapeIndep08_dp	Cross Section Shape Independent	8	0 / Continuous	2
	B	pdxsrd	XSShapeIndep09_dp	Cross Section Shape Independent	9	0 / Continuous	2
	B	pdxsrd	XSShapeIndep10_dp	Cross Section Shape Independent	10	0 / Continuous	2
X		pdxsrd	XSTypical_px	Cross Section Roadway Pavement Typical	1	0 / Continuous	2

PLANRD - Roadway Plan Sheet

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	planrd	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	planrd	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		planrd	BaselineSurvey	Baseline Survey	0	0 / Continuous	2
		planrd	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
		planrd	ClipBorder_dp	CLIP Border and Civil 3D View Frame	4	2 / DGN2	0
	B	planrd	ClipDrawingBound_dp	CLIP Drawing Boundary	3	3 / DGN3	0
		planrd	Cloud_dp	Construction Cloud	7	0 / Continuous	2
		planrd	COGO_dp	COGO Information	3	0 / Continuous	1
		planrd	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		planrd	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
		planrd	ConstLines	Construction Lines and References	1	0 / Continuous	0
		planrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
		planrd	CurveData_dp	Curve and Coordinate Data Elements Including PC, PT, PI Symbols	4	0 / Continuous	2
		planrd	CurveDataLabel_dp	Curve Data Labels PC,PI, PT	0	0 / Continuous	2
		planrd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		planrd	EaseLicLine	Easement License Agreement Line	0	RW-License	1
		planrd	FLMap1	Florida Map items - Weight of 1	1	0 / Continuous	1
		planrd	FLMap2	Florida Map items - Weight of 2	3	0 / Continuous	2
		planrd	FLMap3	Florida Map items - Weight of 3	2	0 / Continuous	3
		planrd	FLMap4	Florida Map items - Color 11 (Interstate)	11	0 / Continuous	4
		planrd	FLMap5	Florida Map items – Weight 5, Style 7 (State Line)	3	7 / DGN7	5
		planrd	GradeLine_er	Grade Line Profile (Existing)	2	2 / DGN2	1
		planrd	GradeLine_pr	Grade Line Profile	5	0 / Continuous	2
		planrd	GradeLineCtr_dp	Grade Line Profile Center (Shown in Plan View)	5	0 / Continuous	0
		planrd	GradeLineCtr_pr	Grade Line Profile Center	5	0 / Continuous	2
		planrd	GradeLineLt_dp	Grade Line Profile Left (Shown in Plan View)	1	0 / Continuous	0
		planrd	GradeLineLt_er	Grade Line Profile Left (Existing)	1	2 / DGN2	1
		planrd	GradeLineLt_pr	Grade Line Profile Left	1	0 / Continuous	2
		planrd	GradeLineRt_dp	Grade Line Profile Right (Shown in Plan View)	4	0 / Continuous	0
		planrd	GradeLineRt_er	Grade Line Profile Right (Existing)	4	2 / DGN2	1
		planrd	GradeLineRt_pr	Grade Line Profile Right	4	0 / Continuous	2
		planrd	GradeSecPat	Grade Section Patterns	0	0 / Continuous	0
		planrd	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		planrd	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		planrd	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
		planrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		planrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		planrd	KeyShtMisc	Key Sheet Items (Miscellaneous)	0	0 / Continuous	2
		planrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		planrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
A		planrd	MatchLineMask_dp	Mask Area for Match Line Overlap Areas (For AutoCAD Use)	0	0 / Continuous	0
		planrd	MatchLines_dp	Match Lines with Text, Arrows for Station Notations	1	0 / Continuous	2
		planrd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		planrd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		planrd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		planrd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		planrd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		planrd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		planrd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		planrd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		planrd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		planrd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		planrd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		planrd	NorthArw_dp	North Arrows	0	0 / Continuous	2
		planrd	PatternLines1_dp	Pattern Lines on Cross Sections and All Autodesk (Civil 3D) Tables	3	0 / Continuous	2
		planrd	PatternLines2_dp	Pattern Lines on Cross Sections Alternate for Side Streets, Critical Cross Sections or Drainage Structures	4	0 / Continuous	2
		planrd	PatternLines3_dp	Pattern Lines on Cross Sections Alternate for Side Streets, Critical Cross Sections or Drainage Structures	5	0 / Continuous	2
		planrd	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		planrd	PlotBorder_dp	Plot Border	3	0 / Continuous	0
		planrd	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
		planrd	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X		planrd	RefPtAngleTie	Annotation: Angle Tie: Survey Reference Point / Detail	0	RW-Dimension-Type1 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		planrd	RefPtLine	Survey Reference Point Line / Detail (Miscellaneous)	0	0 / Continuous	1
		planrd	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2
		planrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		planrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		planrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		planrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
10	1	planrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		planrd	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		planrd	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		planrd	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		planrd	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		planrd	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		planrd	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
		planrd	SpecialDetails	Special Details	6	0 / Continuous	1
		planrd	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
		planrd	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
B		planrd	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
B		planrd	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
B		planrd	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
A		planrd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
		planrd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		planrd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		planrd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		planrd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		planrd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		planrd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		planrd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		planrd	TextLabel	Text - Label	0	0 / Continuous	2
		planrd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		planrd	TextMajor	Text - Major	0	0 / Continuous	5
		planrd	TextMinor	Text - Minor	0	0 / Continuous	0
		planrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		planrd	TextNotes	Text - Notes	4	0 / Continuous	1
		planrd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		planrd	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		planrd	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		planrd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		planrd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		planrd	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		planrd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		planrd	TextTitle	Text - Title	0	0 / Continuous	3
		planrd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		planrd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		planrd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X		planrd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		planrd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
	A	planrd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		planrd	Wetland	Wetland Boundary	2	RD-Wetland-Proposed	1
	A	planrd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	planrd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	planrd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	planrd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		planrd	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1
		planrd	XSPatternlines_ep	Cross Section Chain (Existing)	2	1 / DGN1	0

PLPRRD - Roadway Plan/Profile Sheet

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	plprrd	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	plprrd	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		plprrd	BaselineSurvey	Baseline Survey	0	0 / Continuous	2
		plprrd	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
		plprrd	ClipBorder_dp	CLIP Border and Civil 3D View Frame	4	2 / DGN2	0
	B	plprrd	ClipDrawingBound_dp	CLIP Drawing Boundary	3	3 / DGN3	0
		plprrd	Cloud_dp	Construction Cloud	7	0 / Continuous	2
		plprrd	COGO_dp	COGO Information	3	0 / Continuous	1
X		plprrd	ConduitAG	Conduit (Above Ground)	4	SG-ConduitAG-Proposed	1
X		plprrd	ConduitBM	Conduit – Bridge Mount	5	SG-ConduitBM-Proposed	1
X		plprrd	ConduitDB	Conduit – Directional Bore	2	SG-ConduitDB-Proposed	1
X		plprrd	ConduitJB	Conduit – Jack & Bore Under Rail	3	SG-ConduitJB-Proposed	1
X		plprrd	ConduitOT	Conduit – Open Trench	1	SG-ConduitOT-Proposed	1
		plprrd	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		plprrd	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
		plprrd	ConstLines	Construction Lines and References	1	0 / Continuous	0
		plprrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
X		plprrd	Controller_ep	Controller and Accessories (Existing)	0	2 / DGN2	1
X		plprrd	ControllerB_ep	Controller - Base Mounted (Existing)	0	2 / DGN2	1
X		plprrd	ControllerP_ep	Controller Pole Mount (Existing)	0	2 / DGN2	1
		plprrd	CurveData_dp	Curve and Coordinate Data Elements Including PC, PT, PI Symbols	4	0 / Continuous	2
		plprrd	CurveDataLabel_dp	Curve Data Labels PC, PI, PT	0	0 / Continuous	2
		plprrd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
		plprrd	DitchProfLt_er	Ditch Profile Left (Existing)	8	3 / DGN3	1
		plprrd	DitchProfLt_pr	Ditch Profile Left	8	0 / Continuous	1
		plprrd	DitchProfMdn_er	Ditch Profile Median (Existing)	10	3 / DGN3	1
		plprrd	DitchProfMdn_pr	Ditch Profile Median	10	0 / Continuous	1
		plprrd	DitchProfRt_er	Ditch Profile Right (Existing)	9	3 / DGN3	1
		plprrd	DitchProfRt_pr	Ditch Profile Right	9	0 / Continuous	1
		plprrd	DrainDivides00	Drainage Divides	10	2 / DGN2	4
		plprrd	DrainDivides00_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		plprrd	DrainDivides01	Drainage Divides	10	2 / DGN2	4
		plprrd	DrainDivides01_ep	Drainage Divides (Existing)	9	2 / DGN2	4

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		plprrd	DrainDivides02	Drainage Divides	10	2 / DGN2	4
		plprrd	DrainDivides02_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		plprrd	DrainDivides03	Drainage Divides	10	2 / DGN2	4
		plprrd	DrainDivides03_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		plprrd	DrainDivides04	Drainage Divides	10	2 / DGN2	4
		plprrd	DrainDivides04_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		plprrd	DrainDivides05	Drainage Divides	10	2 / DGN2	4
		plprrd	DrainDivides05_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		plprrd	DrainDivides06	Drainage Divides	10	2 / DGN2	4
		plprrd	DrainDivides06_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		plprrd	DrainDivides07	Drainage Divides	10	2 / DGN2	4
		plprrd	DrainDivides07_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		plprrd	DrainDivides08	Drainage Divides	10	2 / DGN2	4
		plprrd	DrainDivides08_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		plprrd	DrainDivides09	Drainage Divides	10	2 / DGN2	4
		plprrd	DrainDivides09_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		plprrd	DrainMisc	Drainage Items (Miscellaneous)	10	0 / Continuous	1
		plprrd	DrainMisc_pm	Drainage Items (Proposed Model) (Miscellaneous)	10	0 / Continuous	1
X		plprrd	DrainStruct_pr	Drainage Structures (All Types)	10	0 / Continuous	2
X		plprrd	EaseLicLine	Easement License Agreement Line	0	RW-License	1
		plprrd	FLMap1	Florida Map items - Weight of 1	1	0 / Continuous	1
		plprrd	FLMap2	Florida Map items - Weight of 2	3	0 / Continuous	2
		plprrd	FLMap3	Florida Map items - Weight of 3	2	0 / Continuous	3
		plprrd	FLMap4	Florida Map items - Color 11 (Interstate)	11	0 / Continuous	4
		plprrd	FLMap5	Florida Map items - Weight 5, Style 7 (State Line)	3	7 / DGN7	5
		plprrd	FlowLine_pr	Flow Line (Roadway Profile View)	0	0 / Continuous	2
		plprrd	GeotechFillPatt1	Geotechnical Fill Pattern - (Earth, Wood, Muck, Concrete, Rock, Riprap) as Defined in Project	3	0 / Continuous	0
		plprrd	GeotechFillPatt1_px	Geotechnical Fill Pattern on Cross Sections (Earth, Wood, Muck, Concrete, Rock, Riprap) as Defined in Project	3	0 / Continuous	0
		plprrd	GeotechFillPatt2	Geotechnical Fill Pattern - Clay, Sand	0	1 / DGN1	0
		plprrd	GeotechFillPatt2_px	Geotechnical Fill Pattern on Cross Sections - Clay, Sand	0	1 / DGN1	0
		plprrd	GeotechFillPatt3	Geotechnical Fill Pattern - Shell	3	1 / DGN1	0
		plprrd	GeotechFillPatt3_px	Geotechnical Fill Pattern on Cross Sections- Shell	3	1 / DGN1	0
		plprrd	GeotechFillPatt4	Geotechnical Fill Pattern - Sand	4	0 / Continuous	0
		plprrd	GeotechFillPatt4_px	Geotechnical Fill Pattern on Cross Sections - Sand	4	0 / Continuous	0
		plprrd	GeotechFillPatt5	Geotechnical Fill Pattern - Coquina	1	0 / Continuous	1
		plprrd	GeotechFillPatt5_px	Geotechnical Fill Pattern on Cross Sections - Coquina	1	0 / Continuous	1
		plprrd	GeotechFillPatt6	Geotechnical Fill Pattern - Limestone	2	0 / Continuous	0
		plprrd	GeotechFillPatt6_px	Geotechnical Fill Pattern on Cross Sections- Limestone	2	0 / Continuous	0
		plprrd	GeotechFillPatt7	Geotechnical Fill Pattern - Gravel	6	0 / Continuous	0
		plprrd	GeotechFillPatt7_px	Geotechnical Fill Pattern on Cross Sections - Gravel	6	0 / Continuous	0
		plprrd	GeotechFillPatt8	Geotechnical Fill Pattern - Silt	0	0 / Continuous	1
		plprrd	GeotechFillPatt8_px	Geotechnical Fill Pattern on Cross Sections - Silt	0	0 / Continuous	1
		plprrd	GeotechMisc	Geotechnical Elements (Miscellaneous)	0	0 / Continuous	1
B		plprrd	GPKDrBack_dp	Back Point on Drainage Cells	2	2 / DGN2	2
B		plprrd	GPKDrBottom_dp	Bottom Point on Drainage Cells	3	3 / DGN3	2
B		plprrd	GPKDrCellns_dp	Cell Insertion Point on Drainage Cells	4	4 / DGN4	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	plprrd	GPKDrCentroid_dp	Point on Centroid for Drainage	7	7 / DGN7	2
	B	plprrd	GPKDrFront_dp	Front Point on Drainage Cells	1	1 / DGN1	2
	B	plprrd	GPKDrPipe_dp	Point on Drainage Pipe	6	6 / DGN6	2
	B	plprrd	GPKDrPipeCir_dp	Point on Pipe Circular	6	6 / DGN6	0
		plprrd	GradeLine_er	Grade Line Profile (Existing)	2	2 / DGN2	1
		plprrd	GradeLine_pr	Grade Line Profile	5	0 / Continuous	2
		plprrd	GradeLineCtr_dp	Grade Line Profile Center (Shown in Plan View)	5	0 / Continuous	0
		plprrd	GradeLineCtr_pr	Grade Line Profile Center	5	0 / Continuous	2
		plprrd	GradeLineLt_dp	Grade Line Profile Left (Shown in Plan View)	1	0 / Continuous	0
		plprrd	GradeLineLt_er	Grade Line Profile Left (Existing)	1	2 / DGN2	1
		plprrd	GradeLineLt_pr	Grade Line Profile Left	1	0 / Continuous	2
		plprrd	GradeLineRt_dp	Grade Line Profile Right (Shown in Plan View)	4	0 / Continuous	0
		plprrd	GradeLineRt_er	Grade Line Profile Right (Existing)	4	2 / DGN2	1
		plprrd	GradeLineRt_pr	Grade Line Profile Right	4	0 / Continuous	2
		plprrd	GradeSecPat	Grade Section Patterns	0	0 / Continuous	0
		plprrd	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		plprrd	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		plprrd	GridMinG_dp	Grid Lines Minor Sub 2 on Cross Section Sheets	20	0 / Continuous	0
		plprrd	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
		plprrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		plprrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
X		plprrd	InterconCable_ep	Interconnect Cable (Existing)	1	SG-InterconCable-Existing	0
		plprrd	KeyShtMisc	Key Sheet Items (Miscellaneous)	0	0 / Continuous	2
		plprrd	LaneDirArrow	Lane Directional Arrow	0	0 / Continuous	1
		plprrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
X		plprrd	LoadCenter	Load Center	2	0 / Continuous	1
X		plprrd	LoadCenter_ep	Load Center (Existing)	2	5 / DGN5	0
		plprrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
X		plprrd	LoopLI_ep	Loop Lead-In (Existing)	3	2 / DGN2	0
X		plprrd	Loops_ep	Loop Assembly (All Types) (Existing)	2	2 / DGN2	2
X		plprrd	Luminaire	Luminaires (Decorative - All Types)	2	0 / Continuous	1
	A	plprrd	MatchLineMask_dp	Mask Area for Match Line Overlap Areas (For AutoCAD Use)	0	0 / Continuous	0
		plprrd	MatchLines_dp	Match Lines with Text, Arrows for Station Notations	1	0 / Continuous	2
		plprrd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		plprrd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		plprrd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		plprrd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		plprrd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		plprrd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		plprrd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		plprrd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		plprrd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		plprrd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		plprrd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		plprrd	NorthArw_dp	North Arrows	0	0 / Continuous	2
X		plprrd	OverheadSign_ep	Overhead Sign Panels (Existing)	0	3 / DGN3	1
X		plprrd	OverheadStr_ep	Mast Arm, Truss Assemblies, Signal Arms and Supports (Existing)	0	3 / DGN3	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		plprrd	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		plprrd	Pedestal_ep	Pedestal (Existing)	1	2 / DGN2	1
X		plprrd	PedHead_ep	Pedestrian Head (All Types) (Existing)	0	2 / DGN2	1
X		plprrd	PipeCulvert_pr	Pipe Culvert in Profile	10	0 / Continuous	2
X		plprrd	PlotBorder_dp	Plot Border	3	0 / Continuous	0
X		plprrd	PoleConc	Concrete Strain Pole	0	0 / Continuous	2
X		plprrd	PoleConc_ep	Concrete Strain Pole (Existing)	0	2 / DGN2	1
X		plprrd	PoleFound	Pole Foundation	0	0 / Continuous	2
X		plprrd	PoleLight	Light Pole	2	0 / Continuous	1
X		plprrd	PoleLight_ep	Light Pole (Existing)	2	2 / DGN2	1
X		plprrd	PoleLightHM	High Mast Light Pole	3	0 / Continuous	1
X		plprrd	PoleLightHM_ep	High Mast Light Pole (Existing)	2	2 / DGN2	1
		plprrd	PoleLightID	Light Pole Location / ID	4	0 / Continuous	1
X		plprrd	PropertyLine_ep	Property Lines (Existing)	7	0 / Continuous	0
X		plprrd	PullBox	Pull Boxes (All Types)	3	0 / Continuous	1
		plprrd	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
		plprrd	RoadwayMisc	Roadway Items (Miscellaneous)	4	0 / Continuous	2
X		plprrd	RWLine	Right of Way Lines	4	RW-Proposed	3
X		plprrd	RWLine_ep	Right of Way Lines (Existing)	7	RW-Existing	0
		plprrd	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2
		plprrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		plprrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		plprrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		plprrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		plprrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		plprrd	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		plprrd	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		plprrd	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		plprrd	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		plprrd	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		plprrd	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
		plprrd	SidewalkBack_er	Back of Sidewalk Line Profile (Existing)	2	2 / DGN2	1
		plprrd	SidewalkBack_pr	Back of Sidewalk Line Profile	5	0 / Continuous	2
X		plprrd	SignalHead_ep	Signal Head Section Details (Existing)	2	2 / DGN2	0
X		plprrd	SignalSym_ep	Signal Head Symbols (Existing)	3	2 / DGN2	0
X		plprrd	SignCantilever_ep	Sign Symbol Cantilever (Existing)	0	2 / DGN2	0
X		plprrd	SignPanel_ep	Sign Panel Elements (Existing)	0	2 / DGN2	1
X		plprrd	SignSpanwire	Span Wire Signing Assembly	2	0 / Continuous	1
X		plprrd	SignSpanwire_ep	Span Wire Signing Assembly (Existing)	2	2 / DGN2	1
X		plprrd	SignTruss_ep	Sign Symbol Truss (Existing)	3	2 / DGN2	1
		plprrd	SpecialDetails	Special Details	6	0 / Continuous	1
		plprrd	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
		plprrd	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
X		plprrd	StreetLights	Street Lights	2	0 / Continuous	1
	B	plprrd	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
	B	plprrd	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
	B	plprrd	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
	A	plprrd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		plprrd	TextAlert	Text - Alert Label to Highlight a Problem	3	0 / Continuous	2
		plprrd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		plprrd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		plprrd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		plprrd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		plprrd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		plprrd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		plprrd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		plprrd	TextGeotech	Text - Soil Borings and Labels	0	0 / Continuous	2
		plprrd	TextLabel	Text - Label	0	0 / Continuous	2
		plprrd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		plprrd	TextMajor	Text - Major	0	0 / Continuous	5
		plprrd	TextMinor	Text - Minor	0	0 / Continuous	0
		plprrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		plprrd	TextNotes	Text - Notes	4	0 / Continuous	1
		plprrd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		plprrd	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		plprrd	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		plprrd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		plprrd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		plprrd	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		plprrd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		plprrd	TextTitle	Text - Title	0	0 / Continuous	3
		plprrd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		plprrd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		plprrd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
		plprrd	TopoMisc_ep	Topography (Miscellaneous) (Existing)	0	3 / DGN3	1
X		plprrd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		plprrd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
		plprrd	Utility_er	Existing Utilities in Profile View	3	2 / DGN2	2
		plprrd	Utility_pr	Proposed Utilities in Profile View	3	0 / Continuous	2
	A	plprrd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
X		plprrd	WallRetain_pr	Retaining Wall Profile	9	0 / Continuous	2
	A	plprrd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	plprrd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	plprrd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	plprrd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		plprrd	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1

QTDSRD - Quantity Computation

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	qt dsrd	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	qt dsrd	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
X		qt dsrd	AdvWarnPanel	Advance Warning Arrow Panels	4	0 / Continuous	2
X		qt dsrd	AdvWarnVehicle	Work/Shadow/Advanced Warning Vehicle	3	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		qt dsrd	Aggregate	Aggregate	8	0 / Continuous	1
X		qt dsrd	ArtificialCovering	Artificial Coverings	10	0 / Continuous	2
X		qt dsrd	Attenuator	Attenuator Systems	6	MOT-Attenuator	1
X		qt dsrd	AttenuatorTM	Attenuator Truck Mount	6	0 / Continuous	2
X		qt dsrd	Barricade_px	Barricades Type I and II, Vertical Panels on Typical	6	0 / Continuous	2
X		qt dsrd	BarricadeIII	Barricade Type III	6	0 / Continuous	2
X		qt dsrd	BarricadeIII_px	Barricade Type III on Typical	6	0 / Continuous	2
X		qt dsrd	Berm_px	Berm (Top, Front, or Back) on Cross Sections	10	0 / Continuous	2
X		qt dsrd	BLSurvey_px	Baseline Survey on Cross Sections	0	0 / Continuous	2
X		qt dsrd	Bridge_px	Bridge Component on Cross Sections - Component Property	0	0 / Continuous	2
X		qt dsrd	CableBarrier_px	Cable Barrier on CrossSections	0	0 / Continuous	2
X		qt dsrd	CandG_ex	Curb and Gutter on Cross Sections (All Types) (Existing)	4	2 / DGN2	1
X		qt dsrd	CandG_px	Curb and Gutter on Cross Sections (All Types)	4	0 / Continuous	2
X		qt dsrd	CandGBase_px	Curb and Gutter Base on Cross Sections	3	0 / Continuous	1
X		qt dsrd	CATVBur_ex	Cable TV and Miscellaneous on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		qt dsrd	CATVBur_px	Cable TV and Miscellaneous on Cross Sections (Buried)	6	0 / Continuous	1
X		qt dsrd	ChannelDev	Channelizing Devices	0	0 / Continuous	2
X		qt dsrd	ChannelDevPed	Longitudinal Channelizing Device for Pedestrians	6	MOT-ChannelDevPed	2
X		qt dsrd	ChannelDevPed_px	Longitudinal Channelizing Device for Pedestrians on Typical	6	0 / Continuous	2
		qt dsrd	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
X		qt dsrd	CLConst_px	Center Line of Construction on Cross Sections	0	0 / Continuous	2
X		qt dsrd	ClearingGrubbing	Clearing and Grubbing Limits and Quantity Items	4	0 / Continuous	1
		qt dsrd	ClipBorder_dp	CLIP Border and Civil 3D View Frame	4	2 / DGN2	0
	B	qt dsrd	ClipDrawingBound_dp	CLIP Drawing Boundary	3	3 / DGN3	0
		qt dsrd	Cloud_dp	Construction Cloud	7	0 / Continuous	2
X		qt dsrd	CmpFlashbrdRiser	Cmp Flashboard Riser	10	0 / Continuous	2
		qt dsrd	COGO_dp	COGO Information	3	0 / Continuous	1
X		qt dsrd	Concrete	Concrete Areas and Miscellaneous (All Types)	0	0 / Continuous	2
X		qt dsrd	Concrete_px	Concrete Boundary Lines on Cross Sections	0	0	2
X		qt dsrd	ConcreteRemoval	Concrete Removal (All Types) Quantity Shapes	0	0 / Continuous	2
X		qt dsrd	ConcSlabs	Concrete Slabs	0	0 / Continuous	2
X		qt dsrd	Conduit_ex	Conduit and Encasements on Cross Sections (Existing)	3	2 / DGN2	1
X		qt dsrd	Conduit_px	Conduit and Encasements on Cross Sections	3	0 / Continuous	1
X		qt dsrd	Cone_px	Cone and Tubular Marker on Typical	6	0 / Continuous	2
		qt dsrd	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		qt dsrd	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
		qt dsrd	ConstLines	Construction Lines and References	1	0 / Continuous	0
		qt dsrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
X		qt dsrd	CurbBack	Back of Curb	4	0 / Continuous	1
X		qt dsrd	CurbFace	Curb and Gutter (Face)	4	0 / Continuous	1
X		qt dsrd	CurbRamp	Curb Cut Ramp	8	0 / Continuous	1
X		qt dsrd	CurbRampWarning	Detectable Warnings on Curb Ramps	4	0 / Continuous	2
		qt dsrd	CurveData_dp	Curve and Coordinate Data Elements Including PC, PT, PI Symbols	4	0 / Continuous	2
		qt dsrd	CurveDataLabel_dp	Curve Data Labels PC,PI, PT	0	0 / Continuous	2
		qt dsrd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		qt dsrd	Ditch_px	Ditch Top on Cross Sections	7	0 / Continuous	2
X		qt dsrd	DitchBot_px	Ditch Bottom on Cross Sections	10	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		qt dsrd	DitchPavt	Ditch Pavement Including Quantity Shapes	3	0 / Continuous	1
X		qt dsrd	DitchPavt_px	Ditch Pavement on Cross Sections	3	0 / Continuous	3
		qt dsrd	DrainAlert_px	Alert Symbology for Structural Elements on Cross Sections	3	0 / Continuous	2
		qt dsrd	DrainMisc_ex	Drainage Elements on Cross Sections (All) (Miscellaneous) (Existing)	10	3 / DGN3	1
X		qt dsrd	DrainStruct_ex	Drainage Structures on Cross Sections (All) (Existing)	10	3 / DGN3	1
X		qt dsrd	DrainStruct_px	Drainage Structures and Elements on Cross Sections (Miscellaneous)	10	0 / Continuous	2
		qt dsrd	Driveway	Driveway (Drive, Lane, Turnouts)	7	0 / Continuous	2
X		qt dsrd	Driveway_ex	Driveway Lines on Cross Sections (Existing)	7	2 / DGN2	2
X		qt dsrd	Driveway_px	Driveway Lines on Cross Sections	7	0 / Continuous	2
X		qt dsrd	DrivewayBase_px	Driveway Subgrade on Cross Sections	3	0 / Continuous	2
X		qt dsrd	Drum_px	Drum on Typical	6	0 / Continuous	2
X		qt dsrd	DTM_ex	Digital Terrain Model on Cross Sections (Existing)	2	2 / DGN2	1
X		qt dsrd	DTM_px	Digital Terrain Model on Cross Sections	1	0 / Continuous	0
		qt dsrd	Earthwork1_px	Earthwork (Color 0) on Cross Sections	0	0 / Continuous	1
		qt dsrd	Earthwork2_px	Earthwork (Color 1) on Cross Sections	1	0 / Continuous	1
		qt dsrd	Earthwork3_px	Earthwork (Color 2) on Cross Sections	2	0 / Continuous	1
		qt dsrd	Earthwork4_px	Earthwork (Color 3) on Cross Sections	3	0 / Continuous	1
		qt dsrd	Earthwork5_px	Earthwork (Color 4) on Cross Sections	4	0 / Continuous	1
X		qt dsrd	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		qt dsrd	EasePerpLine_px	Easement Lines Perpetual on Cross Sections	4	RW-PerpetualEasement	2
X		qt dsrd	EaseTempLine_px	Easement Lines Temporary on Cross Sections	6	RW-TemporaryEasement	0
X		qt dsrd	ElecBur_ex	Electrical on Cross Sections (Buried) (Existing)	3	2 / DGN2	1
X		qt dsrd	ElecBur_px	Electrical on Cross Sections (Buried)	3	0 / Continuous	1
X		qt dsrd	Endwall_px	Endwall on Cross Sections	10	0 / Continuous	2
		qt dsrd	Fence_ex	Fence Lines on Cross Sections (Existing)	6	3 / DGN3	1
X		qt dsrd	Fence_px	Fence Lines on Cross Sections	6	RD-Fence	2
X		qt dsrd	FES_px	Flared End Sections on Cross Sections	10	0 / Continuous	2
X		qt dsrd	Flagman	Flagman	6	0 / Continuous	2
X		qt dsrd	FlowPaths	Time of Concentration Flow Paths	10	1 / DGN1	1
X		qt dsrd	FOCBur_ex	Fiber Optics Cable on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		qt dsrd	FOCBur_px	Fiber Optics Cable on Cross Sections (Buried)	6	0 / Continuous	1
X		qt dsrd	FOEBur_ex	Fiber Optics Electrical on Cross Sections (Buried) (Existing)	3	2 / DGN2	1
X		qt dsrd	FOEBur_px	Fiber Optics Electrical on Cross Sections (Buried)	3	0 / Continuous	1
X		qt dsrd	FOTBur_ex	Fiber Optics Telephone on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		qt dsrd	FOTBur_px	Fiber Optics Telephone on Cross Sections (Buried)	6	0 / Continuous	1
X		qt dsrd	Gabions	Gabion Baskets or Mats	10	0 / Continuous	2
X		qt dsrd	Gabions_ep	Gabion Baskets or Mats (Existing)	10	1 / DGN1	2
X		qt dsrd	Gas_ex	Gas Pipe and Fittings on Cross Sections (Miscellaneous) (Existing)	4	2 / DGN2	1
X		qt dsrd	Gas_px	Gas Pipe and Fittings on Cross Sections (Miscellaneous)	4	0 / Continuous	1
		qt dsrd	GeotechFillPatt1_px	Geotechnical Fill Pattern on Cross Sections - (Earth, Wood, Muck, Concrete, Rock, Riprap) as Defined in Project	3	0 / Continuous	0
		qt dsrd	GeotechFillPatt2_px	Geotechnical Fill Pattern on Cross Sections - Clay, Sand	0	1 / DGN1	0
		qt dsrd	GeotechFillPatt3_px	Geotechnical Fill Pattern on Cross Sections - Shell	3	1 / DGN1	0
		qt dsrd	GeotechFillPatt4_px	Geotechnical Fill Pattern on Cross Sections - Sand	4	0 / Continuous	0
		qt dsrd	GeotechFillPatt5_px	Geotechnical Fill Pattern on Cross Sections - Coquina	1	0 / Continuous	1
		qt dsrd	GeotechFillPatt6_px	Geotechnical Fill Pattern on Cross Sections - Limestone	2	0 / Continuous	0
		qt dsrd	GeotechFillPatt7_px	Geotechnical Fill Pattern on Cross Sections - Gravel	6	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		qtdsrd	GeotechFillPatt8_px	Geotechnical Fill Pattern on Cross Sections - Silt	0	0 / Continuous	1
X		qtdsrd	Grass	Grass, Seeding and Mulching Areas	2	1 / DGN1	2
X		qtdsrd	Guardrail	Guardrail	1	0 / Continuous	1
X		qtdsrd	Guardrail_ex	Guardrail Lines on Cross Sections (Existing)	0	2 / DGN2	2
X		qtdsrd	GuardrailBRLt	Guardrail Bridge (Left)	0	RD-Guardrail-Left	1
X		qtdsrd	GuardrailBRRt	Guardrail Bridge (Right)	0	RD-Guardrail-Right	1
X		qtdsrd	GuardrailDbI	Guardrail (Double Face)	0	RD-Guardrail-Double	1
X		qtdsrd	GuardrailEndAch	Guardrail (End Anchorage)	0	0 / Continuous	1
X		qtdsrd	GuardrailLt	Guardrail (Left)	0	RD-Guardrail-Left	1
X		qtdsrd	GuardrailModThrieDbI	Guardrail Modified Thrie Beam (Double Face)	0	RD-Guardrail-Double	1
X		qtdsrd	GuardrailModThrieLt	Guardrail Modified Thrie Beam (Left)	0	RD-Guardrail-Left	1
X		qtdsrd	GuardrailModThrieRt	Guardrail Modified Thrie Beam (Right)	0	RD-Guardrail-Right	1
X		qtdsrd	GuardrailPanel_px	Guardrail Component Property on Cross Sections for 3D Guardrail Panels	11	0 / Continuous	1
X	B	qtdsrd	GuardrailPost_px	Guardrail Component Property on Cross Sections for 3D Guardrail Posts	10	0 / Continuous	0
X		qtdsrd	GuardrailPRDbI	Guardrail Double Face w/ Pipe Rail	0	RD-Guardrail-Double	1
X		qtdsrd	GuardrailPRLt	Guardrail Left w/ Pipe Rail	0	RD-Guardrail-Left	1
X		qtdsrd	GuardrailPRRt	Guardrail Right w/ Pipe Rail	0	RD-Guardrail-Right	1
X		qtdsrd	GuardrailRRDbI	Guardrail Double Face w/ Rub Rail	0	RD-Guardrail-Double	1
X		qtdsrd	GuardrailRRLt	Guardrail Left w/ Rub Rail	0	RD-Guardrail-Left	1
X		qtdsrd	GuardrailRRRt	Guardrail Right w/ Rub Rail	0	RD-Guardrail-Right	1
X		qtdsrd	GuardrailRt	Guardrail Right	0	RD-Guardrail-Right	1
X		qtdsrd	GuardrailThrieDbI	Guardrail Thrie Beam Double Face	0	RD-Guardrail-Double	1
X		qtdsrd	GuardrailThrieLt	Guardrail Thrie Beam Left	0	RD-Guardrail-Left	1
X		qtdsrd	GuardrailThriePRLt	Guardrail Thrie Beam Left w/ Pipe Rail	0	RD-Guardrail-Left	1
X		qtdsrd	GuardrailThriePRRt	Guardrail Thrie Beam Right w/ Pipe Rail	0	RD-Guardrail-Right	1
X		qtdsrd	GuardrailThrieRt	Guardrail Thrie Beam Right	0	RD-Guardrail-Right	1
		qtdsrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		qtdsrd	Inlet_px	Inlets on Cross Sections	10	0 / Continuous	2
X		qtdsrd	InletBottom_px	Inlet Bottom on Cross Sections (All Types)	10	0 / Continuous	2
X		qtdsrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
X		qtdsrd	LARWLine_ex	Limited Access Right of Way Lines on Cross Sections (Existing)	4	RW-LimitedAccess-Existing	1
X		qtdsrd	LARWLine_px	Limited Access Right of Way Lines on Cross Sections	4	RW-LimitedAccess-Proposed	2
X		qtdsrd	LateralLimits_px	Lateral Limits on Cross Sections	6	0 / Continuous	2
		qtdsrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		qtdsrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
X		qtdsrd	Mailbox	Mailboxes	8	0 / Continuous	1
		qtdsrd	Manhole_ex	Manhole on Cross Sections (Existing)	10	3 / DGN3	2
X		qtdsrd	Manhole_px	Manhole on Cross Sections	10	0 / Continuous	2
		qtdsrd	MatchLines_dp	Match Lines with Text, Arrows for Station Notations	1	0 / Continuous	2
X		qtdsrd	MES_px	Mitered End Section on Cross Sections	10	0 / Continuous	2
		qtdsrd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		qtdsrd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		qtdsrd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		qtdsrd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		qtdsrd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		qtdsrd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		qtdsrd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		qtdsrd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		qtdsrd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		qtdsrd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
X		qtdsrd	MowingAreaLarge	Mowing and Maintenance Areas for Large Machine	2	0 / Continuous	2
X		qtdsrd	MowingAreaSmall	Mowing and Maintenance Areas (Includes Litter Removal Areas)	68	0 / Continuous	1
X		qtdsrd	Mulch	Mulch Area	10	0 / Continuous	1
		qtdsrd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
X		qtdsrd	ObjectMarker	Object and Reflective Markers	3	0 / Continuous	1
X		qtdsrd	OverheadSign	Overhead Sign Panels	0	0 / Continuous	2
X		qtdsrd	OverheadSign_ep	Overhead Sign Panels (Existing)	0	3 / DGN3	1
X		qtdsrd	OverheadStr	Mast Arm, Truss Assemblies, Signal Arms and Supports	0	0 / Continuous	2
X		qtdsrd	OverheadStr_ep	Mast Arm, Truss Assemblies, Signal Arms and Supports (Existing)	0	3 / DGN3	1
X		qtdsrd	PavedMedianBase_px	Median Subgrade on Cross Sections (Paved)	3	0 / Continuous	2
		qtdsrd	Pavers	Pavers - Brick and Block	5	0 / Continuous	1
X		qtdsrd	PavtAsphalt	Asphalt Pavement Edge Line and Quantity Shapes	0	0 / Continuous	2
		qtdsrd	PavtAsphalt_ep	Asphalt Pavement Edge (Existing)	0	3 / DGN3	1
X		qtdsrd	PavtAsphalt_px	Asphalt Pavement on Cross Sections and Components in Models	1	0 / Continuous	2
X		qtdsrd	PavtBase	Base Material (All Types)	3	0 / Continuous	2
X		qtdsrd	PavtBase_ex	Base Material on Cross Sections (All Types) (Existing)	3	3 / DGN3	1
X		qtdsrd	PavtBase_px	Base Material on Cross Sections (All Types)	3	0 / Continuous	2
X		qtdsrd	PavtConcrete	Concrete Pavement Edge Lines and Quantity Shapes	10	0 / Continuous	2
		qtdsrd	PavtConcrete_ep	Concrete Pavement (Edges) (Existing)	0	3 / DGN3	1
X		qtdsrd	PavtConcrete_px	Concrete Pavement on Cross Sections and Components in Models	0	0 / Continuous	2
X		qtdsrd	PavtConcreteSC	Concrete Surface Coloring	9	0 / Continuous	1
X		qtdsrd	PavtFrictionCourse	Asphalt Concrete Friction Course	4	0 / Continuous	2
X		qtdsrd	PavtMessage	Pavement Message (All Types)	0	0 / Continuous	1
X		qtdsrd	PavtMessage_ep	Pavement Message (All Types) (Existing)	0	2 / DGN2	0
		qtdsrd	PavtMilling	Milling and Resurfacing Limits and Quantity Shapes	1	0 / Continuous	2
X		qtdsrd	PavtMilling_px	Asphalt Milling Lines on Cross Sections	7	0 / Continuous	2
		qtdsrd	PavtMisc	Asphalt Material (Miscellaneous)	1	0 / Continuous	1
X		qtdsrd	PavtMisc_px	Pavement on Cross Sections (Miscellaneous)	1	0 / Continuous	2
X		qtdsrd	PavtOverbuild_px	Pavement Overbuild Areas on Cross Sections - Component Property	4	0 / Continuous	2
X		qtdsrd	PavtOverlay_px	Pavement Overlay on Cross Sections - Component Property	1	0 / Continuous	2
X		qtdsrd	PavtOverlay1_px	Pavement Overlay on Cross Sections - Component Property	14	0 / Continuous	2
X		qtdsrd	PavtOverlay2_px	Pavement Overlay on Cross Sections - Component Property	7	0 / Continuous	2
X		qtdsrd	PavtStabilization	Stabilization Material Lines and Shapes	9	0 / Continuous	2
X		qtdsrd	PavtStabilization_px	Stabilization on Cross Sections	5	2 / DGN2	2
		qtdsrd	PavtXover_ep	Crossovers and Detours (Temporary) (Existing)	0	3 / DGN3	0
		qtdsrd	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
		qtdsrd	Permit1	Permit 1 Wetlands, Mitigation Sites, Planting Areas	1	0 / Continuous	1
		qtdsrd	Permit2	Permit 2 Wetlands, Mitigation Sites, Planting Areas	2	0 / Continuous	1
		qtdsrd	Permit3	Permit 3 Wetlands, Mitigation Sites, Planting Areas	4	0 / Continuous	1
X		qtdsrd	PipeCulvert_ex	Pipe Culvert in Cross Sections (Existing)	10	3 / DGN3	1
X		qtdsrd	PipeCulvert_px	Pipe Culvert on Cross Section View	10	0 / Continuous	2
X		qtdsrd	PMCeramic	Pavement Markers Ceramic	0	0 / Continuous	1
		qtdsrd	PMMisc	Pavement Marking Items (Miscellaneous)	0	0 / Continuous	2
X	A	qtdsrd	PMSkip(10-10-20)	Pavement Marking 10/10/20 Skip Traffic Stripe 6in Contrast	0	0 / PM-Skip-Stripe 10-10-20	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X	A	qt dsrd	PMSkip(2-2-2)	Pavement Marking 2/2/2 Skip Traffic Stripe 6in Contrast	0	0 / PM-Skip-Stripe 2-2-2	2
X	A	qt dsrd	PMSkip12W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 12in White	0	0 / PM-Skip-Stripe 2-4	4
X	A	qt dsrd	PMSkip12W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 12in White	0	0 / PM-Skip-Stripe 3-9	4
X	A	qt dsrd	PMSkip6B(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Black	3	0 / PM-Skip-Stripe 10-30	2
X	A	qt dsrd	PMSkip6W(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 10-30	2
X	A	qt dsrd	PMSkip6W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 2-4	2
X	A	qt dsrd	PMSkip6W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 3-9	2
X	A	qt dsrd	PMSkip6W(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 6-10	2
X	A	qt dsrd	PMSkip6Y(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 10-30	2
X	A	qt dsrd	PMSkip6Y(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 2-4	2
X	A	qt dsrd	PMSkip6Y(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 6-10	2
X	A	qt dsrd	PMSkip8W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 8in White	0	0 / PM-Skip-Stripe 3-9	2
X	A	qt dsrd	PMSkip9C(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 9in Contrast	0	0 / PM-Skip-Stripe 10-30	2
X		qt dsrd	PMStripe(10-10-20)	Pavement Marking 10/10/20 Skip Traffic Stripe 6in Contrast	0	PM-Stripe-10'_20'Skip / PM-Stripe-SKIP 10-10-20	2
X		qt dsrd	PMStripe(2-2-2)	Pavement Marking 2/2/2 Skip Traffic Stripe 6in Contrast	0	PM-Stripe-2'_2'Skip / PM-Stripe-SKIP 2-2-2	2
X		qt dsrd	PMStripe12B	Pavement Marking Traffic Stripe 12in Black	3	0 / Continuous	4
X		qt dsrd	PMStripe12W	Pavement Marking Traffic Stripe 12in White	0	0 / Continuous	4
X		qt dsrd	PMStripe12W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 12in White	0	0 / PM-Stripe-SKIP 2-4	4
X		qt dsrd	PMStripe12W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 12in White	0	0 / PM-Stripe-SKIP 3-9	4
X		qt dsrd	PMStripe12Y	Pavement Marking Traffic Stripe 12in Yellow	4	0 / Continuous	4
X		qt dsrd	PMStripe16B	Pavement Marking Traffic Stripe 16in Black	3	0 / Continuous	5
X		qt dsrd	PMStripe16W	Pavement Marking Traffic Stripe 16in White	0	0 / Continuous	5
X		qt dsrd	PMStripe16Y	Pavement Marking Traffic Stripe 16in Yellow	4	0 / Continuous	5
X		qt dsrd	PMStripe18B	Pavement Marking Traffic Stripe 18in Black	3	0 / Continuous	6
X		qt dsrd	PMStripe18W	Pavement Marking Traffic Stripe 18in White	0	0 / Continuous	6
X		qt dsrd	PMStripe18Y	Pavement Marking Traffic Stripe 18in Yellow	4	0 / Continuous	6
X		qt dsrd	PMStripe24W	Pavement Marking Traffic Stripe 24in White	0	0 / Continuous	7
X		qt dsrd	PMStripe24Y	Pavement Marking Traffic Stripe 24in Yellow	4	0 / Continuous	7
X		qt dsrd	PMStripe6B	Pavement Marking Traffic Stripe 6in Black	3	0 / Continuous	2
X		qt dsrd	PMStripe6B(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Black	3	0 / PM-Stripe-SKIP 10-30	2
X		qt dsrd	PMStripe6Bl	Pavement Marking Traffic Stripe 6in Blue	1	0 / Continuous	2
X		qt dsrd	PMStripe6DY	Pavement Marking Traffic Stripe 6in Double Yellow	4	0 / Continuous	2
X		qt dsrd	PMStripe6W	Pavement Marking Traffic Stripe 6in White	0	0 / Continuous	2
X		qt dsrd	PMStripe6W(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 10-30	2
X		qt dsrd	PMStripe6W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 2-4	2
X		qt dsrd	PMStripe6W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 3-9	2
X		qt dsrd	PMStripe6W(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 6-10	2
X		qt dsrd	PMStripe6Y	Pavement Marking Traffic Stripe 6in Yellow	4	0 / Continuous	2
X		qt dsrd	PMStripe6Y(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 10-30	2
X		qt dsrd	PMStripe6Y(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 2-4	2
X		qt dsrd	PMStripe6Y(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 6-10	2
X		qt dsrd	PMStripe8B	Pavement Marking Traffic Stripe 8in Black	3	0 / Continuous	3
X		qt dsrd	PMStripe8W	Pavement Marking Traffic Stripe 8in White	0	0 / Continuous	3
X		qt dsrd	PMStripe8W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 8in White	0	0 / PM-Stripe-SKIP 3-9	2
X		qt dsrd	PMStripe8Y	Pavement Marking Traffic Stripe 8in Yellow	4	0 / Continuous	3
X		qt dsrd	PMStripe9C(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 9in Contrast	0	0 / PM-Stripe-SKIP 10-30	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		qt dsrd	PMStripeRumbleCL	Center Line Rumble Stripes (Use to Quantify Rumble Strips) (NonPlotting)	4	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		qt dsrd	PMStripeRumbleWL	Rumble Stripes (6in White Thermoplastic Over Rumble Strips) (Left)	0	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		qt dsrd	PMStripeRumbleWR	Rumble Stripes (6in White Thermoplastic Over Rumble Strips) (Right)	0	PM-Stripe-RumbleStripeRight / PM-Stripe-RumbleStripe	2
X		qt dsrd	PMStripeRumbleYL	Rumble Stripes (6in Yellow Thermoplastic Over Rumble Strips) (Left)	4	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		qt dsrd	PMStripeRumbleYR	Rumble Stripes (6in Yellow Thermoplastic Over Rumble Strips) (Right)	4	PM-Stripe-RumbleStripeRight / PM-Stripe-RumbleStripe	2
X		qt dsrd	PMStripeVibeWL	Pavement Marking Auditory and Vibratory 6in White (Left)	0	PM-Stripe-VibratoryLeft / PM-Stripe-Vibratory	2
X		qt dsrd	PMStripeVibeWR	Pavement Marking Auditory and Vibratory 6in White (Right)	0	PM-Stripe-VibratoryRight / PM-Stripe-Vibratory	2
X		qt dsrd	PMStripeVibeYL	Pavement Marking Auditory and Vibratory 6in Yellow (Left)	4	PM-Stripe-VibratoryLeft / PM-Stripe-Vibratory	2
X		qt dsrd	PMStripeVibeYR	Pavement Marking Auditory and Vibratory 6in Yellow (Right)	4	PM-Stripe-VibratoryRight / PM-Stripe-Vibratory	2
		qt dsrd	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
X		qt dsrd	PondSideSlope	Pond Side Slope	0	0 / Continuous	2
X	B	qt dsrd	PvtAnalysisCrown_px	Pavement Analysis Crowning on Cross Sections - Component Property	7	0 / Continuous	1
X	B	qt dsrd	PvtAnalysisFail_px	Pavement Analysis Failure on Cross Sections - Component Property	3	0 / Continuous	1
X	B	qt dsrd	PvtAnalysisMax_px	Pavement Analysis Acceptable Maximum Range on Cross Sections - Component Property	5	0 / Continuous	1
X	B	qt dsrd	PvtAnalysisMin_px	Pavement Analysis Acceptable Minimum Range on Cross Sections - Component Property	4	0 / Continuous	1
X	B	qt dsrd	PvtAnalysisOptiml_px	Pavement Analysis Optimal on Cross Sections - Component Property	2	0 / Continuous	1
X		qt dsrd	Railing	Railings; Piperail, Guiderail, Handrail used for Pedestrian and Bicycles (All)	9	0 / Continuous	2
X		qt dsrd	Railing_px	Railing Components and Cross Section Shapes	9	0 / Continuous	2
		qt dsrd	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X		qt dsrd	ReflPaintWht	Reflective Paint - Island Nose (White)	0	0 / Continuous	3
X		qt dsrd	ReflPaintYel	Reflective Paint - Island Nose (Yellow)	4	0 / Continuous	3
X		qt dsrd	RetentionArea	Retention Area	2	0 / Continuous	2
X		qt dsrd	RipRap_px	Rip Rap, Rubble on Cross Sections	4	1 / DGN1	2
		qt dsrd	RoadwayMisc	Roadway Items (Miscellaneous)	4	0 / Continuous	2
X		qt dsrd	RockGravelStone	Rock, Gravel, Stone, Boulders, Etc.	1	0 / Continuous	2
X		qt dsrd	RPM_ep	Reflective Pavement Markers (Existing)	2	2 / DGN2	1
X		qt dsrd	RPM1	Raised Pavement Markers, White	0	0 / Continuous	2
X		qt dsrd	RPM2	Raised Pavement Markers, White - Red	3	0 / Continuous	2
X		qt dsrd	RPM3	Raised Pavement Markers, Yellow	4	0 / Continuous	2
X		qt dsrd	RPM4	Raised Pavement Markers, Yellow - Yellow	9	0 / Continuous	2
X		qt dsrd	RPM5	Raised Pavement Markers, Yellow - Red	6	0 / Continuous	2
X		qt dsrd	RPM6	Raised Pavement Markers, Blue	1	0 / Continuous	2
X		qt dsrd	RumbleStrip1	Rumble Strips Continuous Array (16 in)	0	PM-RumbleSolid	2
X		qt dsrd	RumbleStrip2	Rumble Strips Skip Array (16 in)	0	PM-RumbleSkip	2
X		drxsrd	RumbleStrip3	Rumble Strips Continuous Array (8 in)	0	PM-RumbleSolid8in	2
X		drxsrd	RumbleStrip4	Rumble Strips Skip Array (8 in)	0	PM-RumbleSkip8in	2
X		qt dsrd	RWLine_ex	Right of Way Lines on Cross Sections (Existing)	3	RW-Existing	1
X		qt dsrd	RWLine_px	Right of Way Lines on Cross Sections	4	RW-Proposed	2
X		qt dsrd	SanitaryFM_ex	Force Main Lines on Cross Sections (Existing)	2	2 / DGN2	1
X		qt dsrd	SanitaryFM_px	Force Main Lines on Cross Sections	2	0 / Continuous	1
X		qt dsrd	SanitarySewer_ex	Sanitary Sewer on Cross Sections (Existing)	2	2 / DGN2	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		qt dsrd	SanitarySewer_px	Sanitary Sewer on Cross Sections	2	0 / Continuous	1
X		qt dsrd	SanitarySewerEff_ex	Sanitary Sewer Effluent on Cross Sections (Existing)	5	0 / Continuous	0
X		qt dsrd	SanitarySewerEff_px	Sanitary Sewer Effluent on Cross Sections	5	0 / Continuous	0
		qt dsrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		qt dsrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		qt dsrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		qt dsrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		qt dsrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
X		qt dsrd	SedimentBasin	Sediment Basin Index 101	10	0 / Continuous	2
X		qt dsrd	SedimentBasin_ep	Sediment Basin Index 101 (Existing)	10	3 / DGN3	1
X		qt dsrd	ShldrBase_px	Shoulder Base on Cross Sections	3	0 / Continuous	2
		qt dsrd	ShldrHatch	Shoulder Hatch Pattern	1	0 / RD-PavedShldr6	1
X		qt dsrd	ShldrMilling_px	Shoulder Milling on Cross Sections - Component Property	7	0 / Continuous	2
X		qt dsrd	ShldrOverbuild_px	Shoulder Overbuild on Cross Sections - Component Property	4	0 / Continuous	1
X		qt dsrd	ShldrOverlay_px	Shoulder Overlay on Cross Sections- Component Property	1	0 / Continuous	1
X		qt dsrd	ShldrPaved	Shoulder Line (Paved)	1	0 / Continuous	1
X		qt dsrd	ShldrPaved_px	Shoulder Lines on Cross Sections (Paved)	1	0 / Continuous	2
X		qt dsrd	ShldrUnpaved	Shoulder Line (Unpaved)	0	0 / Continuous	0
X		qt dsrd	ShldrUnpaved_px	Shoulder Lines on Cross Sections (Unpaved)	2	0 / Continuous	2
X		qt dsrd	Sidewalk_ex	Sidewalk Elements on Cross Sections (Existing)	0	2 / DGN2	1
X		qt dsrd	Sidewalk_px	Sidewalk Elements on Cross Sections	0	0 / Continuous	2
X		qt dsrd	SidewalkBack	Back of Sidewalk	2	0 / Continuous	1
X		qt dsrd	SidewalkBase_px	Sidewalk Subgrade on Cross Sections	3	0 / Continuous	2
X		qt dsrd	SidewalkConc	Sidewalk Concrete Shape	0	0 / Continuous	2
X		qt dsrd	SidewalkFront	Front of Sidewalk	1	0 / Continuous	1
X		qt dsrd	SignalWorkZone	Traffic Signal / Portable Signal	3	0 / Continuous	2
X		qt dsrd	SignCantilever	Sign Symbol Cantilever	0	0 / Continuous	1
X		qt dsrd	SignCantilever_ep	Sign Symbol Cantilever (Existing)	0	2 / DGN2	0
		qt dsrd	SignDetail	Sign Details	0	0 / Continuous	2
		qt dsrd	SignLettersAZ	Alphabet Cell Library Letter A-Z Numbers 0-9	0	0 / Continuous	0
		qt dsrd	SignMisc	Sign Symbols (Miscellaneous)	3	0 / Continuous	1
		qt dsrd	SignMisc_ep	Sign Symbols (Miscellaneous) (Existing)	1	1 / DGN1	1
X		qt dsrd	SignPanel	Sign Panels - Regulatory	0	0 / Continuous	2
X		qt dsrd	SignPanel_ep	Sign Panel Elements (Existing)	0	2 / DGN2	1
X		qt dsrd	SignPanelBorder	Sign Panel Border on Sign Details	0	0 / Continuous	1
X		qt dsrd	SignSpanwire	Span Wire Signing Assembly	2	0 / Continuous	1
X		qt dsrd	SignSpanwire_ep	Span Wire Signing Assembly (Existing)	2	2 / DGN2	1
X		qt dsrd	SignSpecial	Special Signs / Guide Signs	2	0 / Continuous	2
X		qt dsrd	SignSupport	Ground Mounted Sign Support Symbol (All Types)	1	0 / Continuous	1
		qt dsrd	SignSupport_ep	Ground Mounted Sign Support Symbol (All Types)(Existing)	0	3 / DGN3	1
X		qt dsrd	SignSymbol_px	Sign Structure and Foundation on Cross Sections	4	0 / Continuous	2
X		qt dsrd	SignTruss	Sign Symbol Truss	3	0 / Continuous	1
X		qt dsrd	SignTruss_ep	Sign Symbol Truss (Existing)	3	2 / DGN2	1
		qt dsrd	SignTrussOH_ep	Trusses and Cantilevers for Overhead Signs (Existing)	0	3 / DGN3	1
X		qt dsrd	SignWorkZone	Work Zone Signs	6	0 / Continuous	2
X		qt dsrd	Slopes_px	Slope Lines on Cross Sections	9	0 / Continuous	2
X		qt dsrd	Sod	Performance Sod	2	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		qtdsrd	SoilBoxes_px	Soil Boxes and Borings on Cross Sections	4	0 / Continuous	1
		qtdsrd	SpecialDetails	Special Details	6	0 / Continuous	1
		qtdsrd	SpecialDetails_px	Special Details on Cross Sections	6	0 / Continuous	1
		qtdsrd	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
		qtdsrd	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
X		qtdsrd	StreetLights_px	Street Lights on Cross Sections	3	0 / Continuous	1
		qtdsrd	Structure_px	Signal and Sign Structures on Cross Sections	0	0 / Continuous	2
X		qtdsrd	SubDsgn_px	Sub Design on Cross Sections Including Sub-base	4	0 / Continuous	1
X		qtdsrd	Subsoil_px	Subsoil or Undercut on Cross Sections	4	0 / Continuous	2
X		qtdsrd	SubsoilFinal_px	Subsoil Final for Multiline on Cross Sections	18	0 / Continuous	1
X		qtdsrd	SubsoilProp_px	Subsoil Proposed for Multiline on Cross Sections	8	0 / Continuous	1
		qtdsrd	SuperPave	Asphaltic Concrete Super Pavement	6	0 / Continuous	2
	A	qtdsrd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
X		qtdsrd	TeleBur_ex	Telephone on Cross Sections (Buried) (Miscellaneous) (Existing)	6	2 / DGN2	1
X		qtdsrd	TeleBur_px	Telephone on Cross Sections (Buried) (Miscellaneous)	6	0 / Continuous	1
X		qtdsrd	TempBarrier_px	Temporary Barrier on Typical	6	0 / Continuous	2
X	B	qtdsrd	TemplateBottom_px	Bottom of Template for Multiline on Cross Sections	6	0 / Continuous	1
X	B	qtdsrd	TemplateFinal_px	Final Template for Multiline on Cross Sections	2	0 / Continuous	1
X	B	qtdsrd	TemplateTop_px	Top of Template for Multiline on Cross Sections	7	0 / Continuous	1
X		qtdsrd	TerrainLine_ex	Ground Line for Multiline on Cross Sections (Existing)	5	0 / Continuous	1
		qtdsrd	TextAlert	Text - Alert Label to Highlight a Problem	3	0 / Continuous	2
		qtdsrd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		qtdsrd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		qtdsrd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		qtdsrd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		qtdsrd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		qtdsrd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		qtdsrd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		qtdsrd	TextLabel	Text - Label	0	0 / Continuous	2
		qtdsrd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		qtdsrd	TextMajor	Text - Major	0	0 / Continuous	5
		qtdsrd	TextMinor	Text - Minor	0	0 / Continuous	0
		qtdsrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		qtdsrd	TextNotes	Text - Notes	4	0 / Continuous	1
		qtdsrd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		qtdsrd	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		qtdsrd	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		qtdsrd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		qtdsrd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		qtdsrd	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		qtdsrd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		qtdsrd	TextTitle	Text - Title	0	0 / Continuous	3
		qtdsrd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		qtdsrd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		qtdsrd	TextXSDrain_ex	Text - Cross Section Drainage Labels (Existing)	10	0 / Continuous	2
		qtdsrd	TextXSDrain_px	Text - Cross Section Drainage Labels	10	0 / Continuous	2
		qtdsrd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		qt dsrd	TextXSElev_ex	Text - Cross Section Elevations (Existing)	2	0 / Continuous	1
		qt dsrd	TextXSElev_px	Text - Cross Section Elevations	0	0 / Continuous	1
X		qt dsrd	TrafficControlMisc	Traffic Control Items (Miscellaneous)	3	0 / Continuous	1
X		qt dsrd	TrafSeparator	Traffic Separator (All Types)	6	0 / Continuous	1
X		qt dsrd	TrafSeparator_ex	Traffic Separator on Cross Sections (All Types) (Existing)	6	2 / DGN2	1
X		qt dsrd	TrafSeparator_px	Traffic Separator on Cross Sections (All Types)	6	0 / Continuous	2
X		qt dsrd	TrafSeparatorBase_px	Traffic Separator Subgrade on Cross Sections	3	0 / Continuous	2
X		qt dsrd	TubularMarker_px	Tubular Markers on Typical	6	0 / Continuous	2
X		qt dsrd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
		qt dsrd	TurbidityBarrier1_ep	Turbidity Barrier 1 (Floating) (Existing)	10	1 / DGN1	2
X		qt dsrd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
		qt dsrd	TurbidityBarrier2_ep	Turbidity Barrier 2 (Staked) (Existing)	10	1 / DGN1	2
X		qt dsrd	Turf	Performance Turf	100	0 / Continuous	2
		qt dsrd	UtilsMisc_ex	Utility Items on Cross Sections (Miscellaneous) (Existing)	8	2 / DGN2	1
		qt dsrd	UtilsMisc_px	Utility Items on Cross Sections (Miscellaneous)	8	0 / Continuous	1
	A	qt dsrd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
		qt dsrd	VoidArea_dx	Void Area on Cross Sections	1	0 / Continuous	0
X		qt dsrd	WallBarrier	Barrier Wall (All Types)	6	0 / Continuous	2
X		qt dsrd	WallBarrier_ex	Barrier Wall on Cross Sections (Existing)	6	3 / DGN3	1
X		qt dsrd	WallBarrier_px	Barrier Wall on Cross Sections	6	0 / Continuous	2
X		qt dsrd	WallFooter_px	Wall Footer (Concrete) on Cross Sections - Component Symbology/Material on All Wall Footers/Leveling Pads	2	0 / Continuous	1
X		qt dsrd	WallGravBase_px	Gravity Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		qt dsrd	WallGravity	Gravity Wall	11	0 / Continuous	1
X		qt dsrd	WallGravity_px	Gravity Wall on CrossSections	11	0 / Continuous	2
X		qt dsrd	WallMedianBase_px	Median Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		qt dsrd	WallRetain_px	Retaining Wall on Cross Sections	6	0 / Continuous	1
X		qt dsrd	WallShldrBase_px	Shoulder Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		qt dsrd	Water_ex	Water on Cross Sections (Existing)	1	2 / DGN2	1
X		qt dsrd	Water_px	Water on Cross Sections	1	0 / Continuous	1
X		qt dsrd	WaterNP_ex	Raw Water Pipes on Cross Sections (Existing)	5	0 / Continuous	1
X		qt dsrd	WaterNP_px	Raw Water Pipes on Cross Sections	5	0 / Continuous	1
		qt dsrd	Wetland	Wetland Boundary	2	RD-Wetland-Proposed	1
		qt dsrd	Wetland_ex	Wetland Boundary on Cross Sections (Existing)	2	RD-Wetland-Existing	1
		qt dsrd	Widening	Widening Patterns and Miscellaneous Elements	1	0 / Continuous	1
	A	qt dsrd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	qt dsrd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	qt dsrd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	qt dsrd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
X		qt dsrd	XSBASETop_px	Cross Section Top of Base	3	0 / Continuous	2
		qt dsrd	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1
X		qt dsrd	XSExtendGrdLine_ex	Cross Section Extend Ground Lines (Existing)	21	2 / DGN2	1
X		qt dsrd	XSGrdLine_ex	Cross Section Ground Lines (Existing)	2	2 / DGN2	1
X		qt dsrd	XSGrdLine_px	Cross Section Roadway Ground Lines	1	0 / Continuous	2
		qt dsrd	XSMisc_ex	Cross Section Roadway Items (Miscellaneous) (Existing)	4	3 / DGN3	1
		qt dsrd	XSMisc_px	Cross Section Items (Miscellaneous)	0	0 / Continuous	2
		qt dsrd	XSPatternlines_ep	Cross Section Chain (Existing)	2	1 / DGN1	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		qtdsrd	XSPt_ep	Cross Section Point, Station (Existing)	2	1 / DGN1	0
X		qtdsrd	XSTypical_px	Cross Section Roadway Pavement Typical	1	0 / Continuous	2

RDXSRD - Roadway Cross Section

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	rdxsrd	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	rdxsrd	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
X		rdxsrd	Barricade_px	Barricades Type I and II, Vertical Panels on Typical	6	0 / Continuous	2
X		rdxsrd	BarricadeIII_px	Barricade Type III on Typical	6	0 / Continuous	2
		rdxsrd	BaselineSurvey	Baseline Survey	0	0 / Continuous	2
X		rdxsrd	Berm_px	Berm (Top, Front, or Back) on Cross Sections	10	0 / Continuous	2
X		rdxsrd	BLSurvey_px	Baseline Survey on Cross Sections	0	0 / Continuous	2
X		rdxsrd	Bridge_px	Bridge Component on Cross Sections - Component Property	0	0 / Continuous	2
X		rdxsrd	CableBarrier_px	Cable Barrier on Cross Sections	0	0 / Continuous	2
X		rdxsrd	CandG_ex	Curb and Gutter on Cross Sections (All Types) (Existing)	4	2 / DGN2	1
X		rdxsrd	CandG_px	Curb and Gutter on Cross Sections (All Types)	4	0 / Continuous	2
X		rdxsrd	CandGBase_px	Curb and Gutter Base on Cross Sections	3	0 / Continuous	1
X		rdxsrd	CATVBur_ex	Cable TV and Miscellaneous on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		rdxsrd	CATVBur_px	Cable TV and Miscellaneous on Cross Sections (Buried)	6	0 / Continuous	1
X		rdxsrd	ChannelDevPed_px	Longitudinal Channelizing Device for Pedestrians on Typical	6	0 / Continuous	2
		rdxsrd	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
X		rdxsrd	CLConst_px	Center Line of Construction on Cross Sections	0	0 / Continuous	2
		rdxsrd	Cloud_dp	Construction Cloud	7	0 / Continuous	2
		rdxsrd	COGO_dp	COGO Information	3	0 / Continuous	1
X		rdxsrd	Concrete_px	Concrete Boundary Lines on Cross Sections	0	0 / Continuous	2
X		rdxsrd	Conduit_ex	Conduit and Encasements on Cross Sections (Existing)	3	2 / DGN2	1
X		rdxsrd	Conduit_px	Conduit and Encasements on Cross Sections	3	0 / Continuous	1
X		rdxsrd	Cone_px	Cone and Tubular Marker on Typical	6	0 / Continuous	2
		rdxsrd	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		rdxsrd	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
		rdxsrd	ConstLines	Construction Lines and References	1	0 / Continuous	0
		rdxsrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
		rdxsrd	CurveData_dp	Curve and Coordinate Data Elements Including PC, PT, PI symbols	4	0 / Continuous	2
		rdxsrd	CurveDataLabel_dp	Curve Data Labels PC,PI, PT	0	0 / Continuous	2
		rdxsrd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		rdxsrd	Ditch_px	Ditch Top on Cross Sections	7	0 / Continuous	2
X		rdxsrd	DitchBot_px	Ditch Bottom on Cross Sections	10	0 / Continuous	2
X		rdxsrd	DitchPavt_px	Ditch Pavement on Cross Sections	3	0 / Continuous	3
		rdxsrd	DrainAlert_px	Alert Symbolology for Structural Elements on Cross Sections	3	0 / Continuous	2
		rdxsrd	DrainMisc_ex	Drainage Elements on Cross Sections (All) (Miscellaneous) (Existing)	10	3 / DGN3	1
X		rdxsrd	DrainStruct_ex	Drainage Structures on Cross Sections (All) (Existing)	10	3 / DGN3	1
X		rdxsrd	DrainStruct_px	Drainage Structures and Elements on Cross Sections (Miscellaneous)	10	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		rdxsrd	Driveway_ex	Driveway Lines on Cross Sections (Existing)	7	2 / DGN2	2
X		rdxsrd	Driveway_px	Driveway Lines on Cross Sections	7	0 / Continuous	2
X		rdxsrd	DrivewayBase_px	Driveway Subgrade on Cross Sections	3	0 / Continuous	2
X		rdxsrd	Drum_px	Drum on Typical	6	0 / Continuous	2
X		rdxsrd	DTM_ex	Digital Terrain Model on Cross Sections (Existing)	2	2 / DGN2	1
X		rdxsrd	DTM_px	Digital Terrain Model on Cross Sections	1	0 / Continuous	0
		rdxsrd	Earthwork1_px	Earthwork (Color 0) on Cross Sections	0	0 / Continuous	1
		rdxsrd	Earthwork2_px	Earthwork (Color 1) on Cross Sections	1	0 / Continuous	1
		rdxsrd	Earthwork3_px	Earthwork (Color 2) on Cross Sections	2	0 / Continuous	1
		rdxsrd	Earthwork4_px	Earthwork (Color 3) on Cross Sections	3	0 / Continuous	1
		rdxsrd	Earthwork5_px	Earthwork (Color 4) on Cross Sections	4	0 / Continuous	1
X		rdxsrd	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		rdxsrd	EaseLine_ep	Easement Lines (Existing)	1	2 / DGN2	0
X		rdxsrd	EasePerpLine_px	Easement Lines Perpetual on Cross Sections	4	RW-PerpetualEasement	2
X		rdxsrd	EaseTempLine_px	Easement Lines Temporary on Cross Sections	6	RW-TemporaryEasement	0
X		rdxsrd	ElecBur_ex	Electrical on Cross Sections (Buried) (Existing)	3	2 / DGN2	1
X		rdxsrd	ElecBur_px	Electrical on Cross Sections (Buried)	3	0 / Continuous	1
X		rdxsrd	Endwall_px	Endwall on Cross Sections	10	0 / Continuous	2
		rdxsrd	ExcavationLimits_dp	Excavation Limits on Cross Sections	0	0 / Continuous	1
		rdxsrd	Fence_ex	Fence Lines on Cross Sections (Existing)	6	3 / DGN3	1
X		rdxsrd	Fence_px	Fence Lines on Cross Sections	6	RD-Fence	2
X		rdxsrd	FES_px	Flared End Sections on Cross Sections	10	0 / Continuous	2
X		rdxsrd	FOCBur_ex	Fiber Optics Cable on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		rdxsrd	FOCBur_px	Fiber Optics Cable on Cross Sections (Buried)	6	0 / Continuous	1
X		rdxsrd	FOEBur_ex	Fiber Optics Electrical on Cross Sections (Buried) (Existing)	3	2 / DGN2	1
X		rdxsrd	FOEBur_px	Fiber Optics Electrical on Cross Sections (Buried)	3	0 / Continuous	1
X		rdxsrd	FOTBur_ex	Fiber Optics Telephone on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		rdxsrd	FOTBur_px	Fiber Optics Telephone on Cross Sections (Buried)	6	0 / Continuous	1
X		rdxsrd	Gas_ex	Gas Pipe and Fittings on Cross Sections (Miscellaneous) (Existing)	4	2 / DGN2	1
X		rdxsrd	Gas_px	Gas Pipe and Fittings on Cross Sections (Miscellaneous)	4	0 / Continuous	1
		rdxsrd	GeotechFillPatt1	Geotechnical Fill Pattern - (Earth, Wood, Muck, Concrete, Rock, Riprap) as Defined in Project	3	0 / Continuous	0
		rdxsrd	GeotechFillPatt1_px	Geotechnical Fill Pattern on Cross Sections (Earth, Wood, Muck, Concrete, Rock, Riprap) as Defined in Project	3	0 / Continuous	0
		rdxsrd	GeotechFillPatt2	Geotechnical Fill Pattern - Clay, Sand	0	1 / DGN1	0
		rdxsrd	GeotechFillPatt2_px	Geotechnical Fill Pattern on Cross Sections - Clay, Sand	0	1 / DGN1	0
		rdxsrd	GeotechFillPatt3	Geotechnical Fill Pattern - Shell	3	1 / DGN1	0
		rdxsrd	GeotechFillPatt3_px	Geotechnical Fill Pattern on Cross Sections - Shell	3	1 / DGN1	0
		rdxsrd	GeotechFillPatt4	Geotechnical Fill Pattern - Sand	4	0 / Continuous	0
		rdxsrd	GeotechFillPatt4_px	Geotechnical Fill Pattern on Cross Sections - Sand	4	0 / Continuous	0
		rdxsrd	GeotechFillPatt5	Geotechnical Fill Pattern - Coquina	1	0 / Continuous	1
		rdxsrd	GeotechFillPatt5_px	Geotechnical Fill Pattern on Cross Sections - Coquina	1	0 / Continuous	1
		rdxsrd	GeotechFillPatt6	Geotechnical Fill Pattern - Limestone	2	0 / Continuous	0
		rdxsrd	GeotechFillPatt6_px	Geotechnical Fill Pattern on Cross Sections - Limestone	2	0 / Continuous	0
		rdxsrd	GeotechFillPatt7	Geotechnical Fill Pattern - Gravel	6	0 / Continuous	0
		rdxsrd	GeotechFillPatt7_px	Geotechnical Fill Pattern on Cross Sections - Gravel	6	0 / Continuous	0
		rdxsrd	GeotechFillPatt8	Geotechnical Fill Pattern - Silt	0	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		rdxsrd	GeotechFillPatt8_px	Geotechnical Fill Pattern on Cross Sections - Silt	0	0 / Continuous	1
		rdxsrd	GeotechMisc	Geotechnical Elements (Miscellaneous)	0	0 / Continuous	1
	B	rdxsrd	GPKDrBack_dp	Back Point on Drainage Cells	2	2 / DGN2	2
	B	rdxsrd	GPKDrBottom_dp	Bottom Point on Drainage Cells	3	3 / DGN3	2
	B	rdxsrd	GPKDrCellIns_dp	Cell Insertion Point on Drainage Cells	4	4 / DGN4	2
	B	rdxsrd	GPKDrCentroid_dp	Point on Centroid for Drainage	7	7 / DGN7	2
	B	rdxsrd	GPKDrElv	Location Point for Drainage Cells	5	5 / DGN5	2
	B	rdxsrd	GPKDrFront_dp	Front Point on Drainage Cells	1	1 / DGN1	2
	B	rdxsrd	GPKDrPipe_dp	Point on Drainage Pipe	6	6 / DGN6	2
	B	rdxsrd	GPKDrPipeCir_dp	Point on Pipe Circular	6	6 / DGN6	0
		rdxsrd	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		rdxsrd	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		rdxsrd	GridMinG_dp	Grid Lines Minor Sub 2 on Cross Section Sheets	20	0 / Continuous	0
		rdxsrd	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
X		rdxsrd	Guardrail_ex	Guardrail Lines on Cross Sections (Existing)	0	2 / DGN2	2
X		rdxsrd	GuardrailPanel_px	Guardrail Component Property on Cross Sections for 3D Guardrail Panels	11	0 / Continuous	1
X	B	rdxsrd	GuardrailPost_px	Guardrail Component Property on Cross Sections for 3D Guardrail Posts	10	0 / Continuous	0
		rdxsrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		rdxsrd	Inlet_px	Inlets on Cross Sections	10	0 / Continuous	2
X		rdxsrd	InletBottom_px	Inlet Bottom on Cross Sections (All Types)	10	0 / Continuous	2
X		rdxsrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
X		rdxsrd	LARWLine_ex	Limited Access Right of Way Lines on Cross Sections (Existing)	4	RW-LimitedAccess-Existing	1
X		rdxsrd	LARWLine_px	Limited Access Right of Way Lines on Cross Sections	4	RW-LimitedAccess-Proposed	2
X		rdxsrd	LateralLimits_px	Lateral Limits on Cross Sections	6	0 / Continuous	2
		rdxsrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		rdxsrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
		rdxsrd	Manhole_ex	Manhole on Cross Sections (Existing)	10	3 / DGN3	2
X		rdxsrd	Manhole_px	Manhole on Cross Sections	10	0 / Continuous	2
	A	rdxsrd	MatchLineMask_dp	Mask Area for Match Line Overlap Areas (For AutoCAD Use)	0	0 / Continuous	0
X		rdxsrd	MES_px	Mitered End Section on Cross Sections	10	0 / Continuous	2
		rdxsrd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		rdxsrd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		rdxsrd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		rdxsrd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		rdxsrd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		rdxsrd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		rdxsrd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		rdxsrd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		rdxsrd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		rdxsrd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		rdxsrd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		rdxsrd	PatternLines1_dp	Pattern Lines on Cross Sections and All Autodesk (Civil 3D) Tables	3	0 / Continuous	2
		rdxsrd	PatternLines2_dp	Pattern Lines on Cross Sections Alternate for Side Streets, CriticalCross Sections or Drainage Structures	4	0 / Continuous	2
		rdxsrd	PatternLines3_dp	Pattern Lines on Cross Sections Alternate for Side Streets, CriticalCross Sections or Drainage Structures	5	0 / Continuous	2
X		rdxsrd	PavedMedianBase_px	Median Subgrade on Cross Sections (Paved)	3	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		rdxsrd	PavtAsphalt_ep	Asphalt Pavement Edge (Existing)	0	3 / DGN3	1
X		rdxsrd	PavtAsphalt_px	Asphalt Pavement on Cross Sections and Components in Models	1	0 / Continuous	2
X		rdxsrd	PavtBase_ex	Base Material on Cross Sections (All Types) (Existing)	3	3 / DGN3	1
X		rdxsrd	PavtBase_px	Base Material on Cross Sections (All Types)	3	0 / Continuous	2
X		rdxsrd	PavtConcrete_px	Concrete Pavement on Cross Sections and Components in Models	0	0 / Continuous	2
X		rdxsrd	PavtMilling_px	Asphalt Milling Lines on Cross Sections	7	0 / Continuous	2
X		rdxsrd	PavtMisc_px	Pavement on Cross Sections (Miscellaneous)	1	0 / Continuous	2
X		rdxsrd	PavtOverbuild_px	Pavement Overbuild Areas on Cross Sections - Component Property	4	0 / Continuous	2
X		rdxsrd	PavtOverlay_px	Pavement Overlay on Cross Sections - Component Property	1	0 / Continuous	2
X		rdxsrd	PavtOverlay1_px	Pavement Overlay on Cross Sections - Component Property	14	0 / Continuous	2
X		rdxsrd	PavtOverlay2_px	Pavement Overlay on Cross Sections - Component Property	7	0 / Continuous	2
X		rdxsrd	PavtStabilization_px	Stabilization on Cross Sections	5	2 / DGN2	2
		rdxsrd	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
		rdxsrd	PipeCulvert_ep	Pipe Culvert (Existing)	10	3 / DGN3	1
X		rdxsrd	PipeCulvert_ex	Pipe Culvert in Cross Sections (Existing)	10	3 / DGN3	1
X		rdxsrd	PipeCulvert_pr	Pipe Culvert in Profile	10	0 / Continuous	2
X		rdxsrd	PipeCulvert_px	Pipe Culvert on Cross Section View	10	0 / Continuous	2
X		rdxsrd	PlotBorder_dp	Plot Border	3	0 / Continuous	0
		rdxsrd	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
X		rdxsrd	Pond_px	Pond Lines on Cross Sections	2	0 / Continuous	2
X		rdxsrd	PropertyLine_ep	Property Lines (Existing)	7	0 / Continuous	0
X	B	rdxsrd	PvtAnalysisCrown_px	Pavement Analysis Crowning on Cross Sections - Component Property	7	0 / Continuous	1
X	B	rdxsrd	PvtAnalysisFail_px	Pavement Analysis Failure on Cross Sections - Component Property	3	0 / Continuous	1
X	B	rdxsrd	PvtAnalysisMax_px	Pavement Analysis Acceptable Maximum Range on Cross Sections - Component Property	5	0 / Continuous	1
X	B	rdxsrd	PvtAnalysisMin_px	Pavement Analysis Acceptable Minimum Range on Cross Sections - Component Property	4	0 / Continuous	1
X	B	rdxsrd	PvtAnalysisOptiml_px	Pavement Analysis Optimal on Cross Sections - Component Property	2	0 / Continuous	1
X		rdxsrd	Railing_px	Railing Components and Cross Sections Shapes	9	0 / Continuous	2
		rdxsrd	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
	A	rdxsrd	RegionBdry_dp	Boundary Line for Regions in Corridor Design (For AutoCAD Use)	0	0 / Continuous	0
X		rdxsrd	RipRap_px	Rip Rap, Rubble on Cross Sections	4	1 / DGN1	2
X		rdxsrd	RumbleStrip1	Rumble Strips Continuous Array (16 in)	0	PM-RumbleSolid	2
X		rdxsrd	RumbleStrip2	Rumble Strips Skip Array (16 in)	0	PM-RumbleSkip	2
X		drxsrd	RumbleStrip3	Rumble Strips Continuous Array (8 in)	0	PM-RumbleSolid8in	2
X		drxsrd	RumbleStrip4	Rumble Strips Skip Array (8 in)	0	PM-RumbleSkip8in	2
X		rdxsrd	RWLine	Right of Way Lines	4	RW-Proposed	3
X		rdxsrd	RWLine_ep	Right of Way Lines (Existing)	7	RW-Existing	0
X		rdxsrd	RWLine_ex	Right of Way Lines on Cross Sections (Existing)	3	RW-Existing	1
X		rdxsrd	RWLine_px	Right of Way Lines on Cross Sections	4	RW-Proposed	2
X		rdxsrd	SanitaryFM_ex	Force Main Lines on Cross Sections (Existing)	2	2 / DGN2	1
X		rdxsrd	SanitaryFM_px	Force Main Lines on Cross Sections	2	0 / Continuous	1
X		rdxsrd	SanitarySewer_ex	Sanitary Sewer on Cross Sections (Existing)	2	2 / DGN2	0
X		rdxsrd	SanitarySewer_px	Sanitary Sewer on Cross Sections	2	0 / Continuous	1
X		rdxsrd	SanitarySewerEff_ex	Sanitary Sewer Effluent on Cross Sections (Existing)	5	0 / Continuous	0
X		rdxsrd	SanitarySewerEff_px	Sanitary Sewer Effluent on Cross Sections	5	0 / Continuous	0
		rdxsrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		rdxsrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		rdxsrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		rdxsrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		rdxsrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		rdxsrd	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		rdxsrd	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		rdxsrd	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		rdxsrd	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		rdxsrd	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		rdxsrd	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
X		rdxsrd	ShldrBase_px	Shoulder Base on Cross Sections	3	0 / Continuous	2
X		rdxsrd	ShldrMilling_px	Shoulder Milling on Cross Sections - Component Property	7	0 / Continuous	2
X		rdxsrd	ShldrOverbuild_px	Shoulder Overbuild on Cross Sections - Component Property	4	0 / Continuous	1
X		rdxsrd	ShldrOverlay_px	Shoulder Overlay on Cross Sections - Component Property	1	0 / Continuous	1
X		rdxsrd	ShldrPaved_px	Shoulder Lines on Cross Sections (Paved)	1	0 / Continuous	2
X		rdxsrd	ShldrUnpaved_px	Shoulder Lines on Cross Sections (Unpaved)	2	0 / Continuous	2
X		rdxsrd	Sidewalk_ex	Sidewalk Elements on Cross Sections (Existing)	0	2 / DGN2	1
X		rdxsrd	Sidewalk_px	Sidewalk Elements on Cross Sections	0	0 / Continuous	2
		rdxsrd	SidewalkBack_er	Back of Sidewalk Line Profile (Existing)	2	2 / DGN2	1
		rdxsrd	SidewalkBack_pr	Back of Sidewalk Line Profile	5	0 / Continuous	2
X		rdxsrd	SidewalkBase_px	Sidewalk Subgrade on Cross Sections	3	0 / Continuous	2
X		rdxsrd	SignSymbol_px	Sign Structure and Foundation on Cross Sections	4	0 / Continuous	2
X		rdxsrd	Slopes_px	Slope Lines on Cross Sections	9	0 / Continuous	2
X		rdxsrd	SoilBoxes_px	Soil Boxes and Borings on Cross Sections	4	0 / Continuous	1
		rdxsrd	SpecialDetails	Special Details	6	0 / Continuous	1
		rdxsrd	SpecialDetails_px	Special Details on Cross Sections	6	0 / Continuous	1
		rdxsrd	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
		rdxsrd	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
X		rdxsrd	StreetLights_px	Street Lights on Cross Sections	3	0 / Continuous	1
		rdxsrd	Structure_px	Signal and Sign Structures on Cross Sections	0	0 / Continuous	2
X		rdxsrd	SubDsgn_px	Sub Design on Cross Sections Including Sub-base	4	0 / Continuous	1
X		rdxsrd	Subsoil_px	Subsoil or Undercut on Cross Sections	4	0 / Continuous	2
X		rdxsrd	SubsoilFinal_px	Subsoil Final for Multiline on Cross Sections	18	0 / Continuous	1
X		rdxsrd	SubsoilProp_px	Subsoil Proposed for Multiline on Cross Sections	8	0 / Continuous	1
B		rdxsrd	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
B		rdxsrd	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
B		rdxsrd	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
A		rdxsrd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
X		rdxsrd	TeleBur_ex	Telephone on Cross Sections (Buried) (Miscellaneous) (Existing)	6	2 / DGN2	1
X		rdxsrd	TeleBur_px	Telephone on Cross Sections (Buried) (Miscellaneous)	6	0 / Continuous	1
X		rdxsrd	TempBarrier_px	Temporary Barrier on Typical	6	0 / Continuous	2
X	B	rdxsrd	TemplateBottom_px	Bottom of Template for Multiline on Cross Sections	6	0 / Continuous	1
X	B	rdxsrd	TemplateFinal_px	Final Template for Multiline on Cross Sections	2	0 / Continuous	1
X	B	rdxsrd	TemplateTop_px	Top of Template for Multiline on Cross Sections	7	0 / Continuous	1
X		rdxsrd	TerrainLine_ex	Ground Line for Multiline on Cross Sections (Existing)	5	0 / Continuous	1
		rdxsrd	TextAlert	Text - Alert Label to Highlight a Problem	3	0 / Continuous	2
		rdxsrd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		rdxsrd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		rdxsrd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		rdxsrd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		rdxsrd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		rdxsrd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		rdxsrd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		rdxsrd	TextGeotech	Text - Soil Borings and Labels	0	0 / Continuous	2
		rdxsrd	TextLabel	Text - Label	0	0 / Continuous	2
		rdxsrd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		rdxsrd	TextMajor	Text - Major	0	0 / Continuous	5
		rdxsrd	TextMinor	Text - Minor	0	0 / Continuous	0
		rdxsrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		rdxsrd	TextNotes	Text - Notes	4	0 / Continuous	1
		rdxsrd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		rdxsrd	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		rdxsrd	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		rdxsrd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		rdxsrd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		rdxsrd	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		rdxsrd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		rdxsrd	TextTitle	Text - Title	0	0 / Continuous	3
		rdxsrd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		rdxsrd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		rdxsrd	TextXSBL_dp	Text - Cross Section Baseline Labels	0	0 / Continuous	2
		rdxsrd	TextXSDrain_ex	Text - Cross Section Drainage Labels (Existing)	10	0 / Continuous	2
		rdxsrd	TextXSDrain_px	Text - Cross Section Drainage Labels	10	0 / Continuous	2
		rdxsrd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
		rdxsrd	TextXSElev_ex	Text - Cross Section Elevations (Existing)	2	0 / Continuous	1
		rdxsrd	TextXSElev_px	Text - Cross Section Elevations	0	0 / Continuous	1
B		rdxsrd	TextXSGPKPts_dp	Text - Cross Section Points Labels	4	0 / Continuous	0
		rdxsrd	TextXSNNotes_dp	Text - Cross Section Notes	0	0 / Continuous	2
		rdxsrd	TextXSSlope_dp	Text - Cross Section Slope Labels (rise:run format)	0	0 / Continuous	2
		rdxsrd	TextXSSlopePvt_dp	Text - Cross Section Pavement Slope Labels	0	0 / Continuous	2
X		rdxsrd	TrafSeparator_ex	Traffic Separator on Cross Sections (All Types) (Existing)	6	2 / DGN2	1
X		rdxsrd	TrafSeparator_px	Traffic Separator on Cross Sections (All Types)	6	0 / Continuous	2
X		rdxsrd	TrafSeparatorBase_px	Traffic Separator Subgrade on Cross Sections	3	0 / Continuous	2
X		rdxsrd	TubularMarker_px	Tubular Markers on Typical	6	0 / Continuous	2
X		rdxsrd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		rdxsrd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
		rdxsrd	TypicalMisc	Typical Items (Miscellaneous)	0	0 / Continuous	2
		rdxsrd	UtilsMisc_ex	Utility Items on Cross Sections (Miscellaneous) (Existing)	8	2 / DGN2	1
		rdxsrd	UtilsMisc_px	Utility Items on Cross Sections (Miscellaneous)	8	0 / Continuous	1
		rdxsrd	VoidArea_dx	Void Area on Cross Sections	1	0 / Continuous	0
X		rdxsrd	WallBarrier_ex	Barrier Wall on Cross Section (Existing)	6	3 / DGN3	1
X		rdxsrd	WallBarrier_px	Barrier Wall on Cross Section	6	0 / Continuous	2
X		rdxsrd	WallFooter_px	Wall Footer (Concrete) on Cross Sections - Component Symbology/Material on All Wall Footers/Leveling Pads	2	0 / Continuous	1
X		rdxsrd	WallGravBase_px	Gravity Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		rdxsrd	WallGravity_px	Gravity Wall on Cross Sections	11	0 / Continuous	2
X		rdxsrd	WallMedianBase_px	Median Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		rdxsrd	WallRetain_px	Retaining Walls on Cross Sections	6	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		rdxsrd	WallShldrBase_px	Shoulder Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		rdxsrd	Water_ex	Water on Cross Sections (Existing)	1	2 / DGN2	1
X		rdxsrd	Water_px	Water on Cross Sections	1	0 / Continuous	1
X		rdxsrd	WaterNP_ex	Raw Water Pipes on Cross Sections (Existing)	5	0 / Continuous	1
X		rdxsrd	WaterNP_px	Raw Water Pipes on Cross Sections	5	0 / Continuous	1
		rdxsrd	Wetland_ex	Wetland Boundary on Cross Sections (Existing)	2	RD-Wetland-Existing	1
A		rdxsrd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
A		rdxsrd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
A		rdxsrd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
A		rdxsrd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
X		rdxsrd	XSBaseTop_px	Cross Section Top of Base	3	0 / Continuous	2
		rdxsrd	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1
X		rdxsrd	XSExtendGrdLine_ex	Cross Section Extend Ground Lines (Existing)	21	2 / DGN2	1
X		rdxsrd	XSGrdLine_ex	Cross Section Ground Lines (Existing)	2	2 / DGN2	1
X		rdxsrd	XSGrdLine_px	Cross Section Roadway Ground Lines	1	0 / Continuous	2
		rdxsrd	XSMisc_ex	Cross Section Roadway Items (Miscellaneous) (Existing)	4	3 / DGN3	1
		rdxsrd	XSMisc_px	Cross Section Items (Miscellaneous)	0	0 / Continuous	2
		rdxsrd	XSPatternlines_ep	Cross Section Chain (Existing)	2	1 / DGN1	0
		rdxsrd	XSPt_ep	Cross Section Point, Station (Existing)	2	1 / DGN1	0
B		rdxsrd	XSShapeDep01_dp	Cross Section Shape Dependent	11	0 / Continuous	2
B		rdxsrd	XSShapeDep02_dp	Cross Section Shape Dependent	12	0 / Continuous	2
B		rdxsrd	XSShapeDep03_dp	Cross Section Shape Dependent	13	0 / Continuous	2
B		rdxsrd	XSShapeDep04_dp	Cross Section Shape Dependent	14	0 / Continuous	2
B		rdxsrd	XSShapeDep05_dp	Cross Section Shape Dependent	15	0 / Continuous	2
B		rdxsrd	XSShapeDep06_dp	Cross Section Shape Dependent	16	0 / Continuous	2
B		rdxsrd	XSShapeDep07_dp	Cross Section Shape Dependent	17	0 / Continuous	2
B		rdxsrd	XSShapeDep08_dp	Cross Section Shape Dependent	18	0 / Continuous	2
B		rdxsrd	XSShapeDep09_dp	Cross Section Shape Dependent	19	0 / Continuous	2
B		rdxsrd	XSShapeDep10_dp	Cross Section Shape Dependent	20	0 / Continuous	2
B		rdxsrd	XSShapeIndep01_dp	Cross Section Shape Independent	1	0 / Continuous	2
B		rdxsrd	XSShapeIndep02_dp	Cross Section Shape Independent	2	0 / Continuous	2
B		rdxsrd	XSShapeIndep03_dp	Cross Section Shape Independent	3	0 / Continuous	2
B		rdxsrd	XSShapeIndep04_dp	Cross Section Shape Independent	4	0 / Continuous	2
B		rdxsrd	XSShapeIndep05_dp	Cross Section Shape Independent	5	0 / Continuous	2
B		rdxsrd	XSShapeIndep06_dp	Cross Section Shape Independent	6	0 / Continuous	2
B		rdxsrd	XSShapeIndep07_dp	Cross Section Shape Independent	7	0 / Continuous	2
B		rdxsrd	XSShapeIndep08_dp	Cross Section Shape Independent	8	0 / Continuous	2
B		rdxsrd	XSShapeIndep09_dp	Cross Section Shape Independent	9	0 / Continuous	2
B		rdxsrd	XSShapeIndep10_dp	Cross Section Shape Independent	10	0 / Continuous	2
X		rdxsrd	XSTypical_px	Cross Section Roadway Pavement Typical	1	0 / Continuous	2

RDXSSP - Signing and Pavement Cross Section

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	rdxssp	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	rdxssp	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
X		rdxssp	Barricade_px	Barricades Type I and II, Vertical Panels on Typical	6	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		rdxssp	BarricadeIII_px	Barricade Type III on Typical	6	0 / Continuous	2
		rdxssp	BaselineSurvey	Baseline Survey	0	0 / Continuous	2
X		rdxssp	Berm_px	Berm (Top, Front, or Back) on Cross Sections	10	0 / Continuous	2
X		rdxssp	BLSurvey_px	Baseline Survey on Cross Sections	0	0 / Continuous	2
X		rdxssp	Bridge_px	Bridge Component on Cross Sections - Component Property	0	0 / Continuous	2
X		rdxssp	CableBarrier_px	Cable Barrier on CrossSections	0	0 / Continuous	2
X		rdxssp	CandG_ex	Curb and Gutter on Cross Sections (All Types) (Existing)	4	2 / DGN2	1
X		rdxssp	CandG_px	Curb and Gutter on Cross Sections (All Types)	4	0 / Continuous	2
X		rdxssp	CandGBase_px	Curb and Gutter Base on Cross Sections	3	0 / Continuous	1
X		rdxssp	CATVBur_ex	Cable TV and Miscellaneous on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		rdxssp	CATVBur_px	Cable TV and Miscellaneous on Cross Sections (Buried)	6	0 / Continuous	1
X		rdxssp	ChannelDevPed_px	Longitudinal Channelizing Device for Pedestrians on Typical	6	0 / Continuous	2
		rdxssp	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
X		rdxssp	CLConst_px	Center Line of Construction on Cross Sections	0	0 / Continuous	2
		rdxssp	Cloud_dp	Construction Cloud	7	0 / Continuous	2
		rdxssp	COGO_dp	COGO Information	3	0 / Continuous	1
X		rdxssp	Concrete_px	Concrete Boundary Lines on Cross Sections	0	0 / Continuous	2
X		rdxssp	Conduit_ex	Conduit and Encasements on Cross Sections (Existing)	3	2 / DGN2	1
X		rdxssp	Conduit_px	Conduit and Encasements on Cross Sections	3	0 / Continuous	1
X		rdxssp	ConduitAG	Conduit (Above Ground)	4	SG-ConduitAG-Proposed	1
X		rdxssp	ConduitBM	Conduit – Bridge Mount	5	SG-ConduitBM-Proposed	1
X		rdxssp	ConduitDB	Conduit – Directional Bore	2	SG-ConduitDB-Proposed	1
X		rdxssp	ConduitJB	Conduit – Jack & Bore Under Rail	3	SG-ConduitJB-Proposed	1
X		rdxssp	ConduitOT	Conduit – Open Trench	1	SG-ConduitOT-Proposed	1
		rdxssp	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		rdxssp	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
		rdxssp	ConstLines	Construction Lines and References	1	0 / Continuous	0
		rdxssp	ConstLines_pm	Construction Lines	4	0 / Continuous	0
X		rdxssp	CrossWalk1	Emphasis Crosswalk 6ft High	0	PM-Stripe-6' Crosswalk	4
X		rdxssp	CrossWalk2	Emphasis Crosswalk 10ft High	0	PM-Stripe-10' Crosswalk	4
		rdxssp	CurveData_dp	Curve and Coordinate Data Elements Including PC, PT, PI Symbols	4	0 / Continuous	2
		rdxssp	CurveDataLabel_dp	Curve Data Labels PC,PI, PT	0	0 / Continuous	2
X		rdxssp	Delineator	Delineators (All Types)	4	0 / Continuous	1
		rdxssp	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		rdxssp	DirArrowsPavt	Pavement Marking Directional Arrows	0	0 / Continuous	1
X		rdxssp	Ditch_px	Ditch Top on Cross Sections	7	0 / Continuous	2
X		rdxssp	DitchBot_px	Ditch Bottom on Cross Sections	10	0 / Continuous	2
X		rdxssp	DitchPavt_px	Ditch Pavement on Cross Sections	3	0 / Continuous	3
		rdxssp	DrainAlert_px	Alert Symbology for Structural Elements on Cross Sections	3	0 / Continuous	2
		rdxssp	DrainMisc_ex	Drainage Elements on Cross Sections (All) (Miscellaneous) (Existing)	10	3 / DGN3	1
X		rdxssp	DrainStruct_ex	Drainage Structures on Cross Sections (All) (Existing)	10	3 / DGN3	1
X		rdxssp	DrainStruct_px	Drainage Structures and Elements on Cross Sections (Miscellaneous)	10	0 / Continuous	2
X		rdxssp	Driveway_ex	Driveway Lines on Cross Sections (Existing)	7	2 / DGN2	2
X		rdxssp	Driveway_px	Driveway Lines on Cross Sections	7	0 / Continuous	2
X		rdxssp	DrivewayBase_px	Driveway Subgrade on Cross Sections	3	0 / Continuous	2
X		rdxssp	Drum_px	Drum on Typical	6	0 / Continuous	2
X		rdxssp	DTM_ex	Digital Terrain Model on Cross Sections (Existing)	2	2 / DGN2	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		rdxssp	DTM_px	Digital Terrain Model on Cross Sections	1	0 / Continuous	0
		rdxssp	Earthwork1_px	Earthwork (Color 0) on Cross Sections	0	0 / Continuous	1
		rdxssp	Earthwork2_px	Earthwork (Color 1) on Cross Sections	1	0 / Continuous	1
		rdxssp	Earthwork3_px	Earthwork (Color 2) on Cross Sections	2	0 / Continuous	1
		rdxssp	Earthwork4_px	Earthwork (Color 3) on Cross Sections	3	0 / Continuous	1
		rdxssp	Earthwork5_px	Earthwork (Color 4) on Cross Sections	4	0 / Continuous	1
X		rdxssp	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		rdxssp	EaseLine_ep	Easement Lines (Existing)	1	2 / DGN2	0
X		rdxssp	EasePerpLine_px	Easement Lines Perpetual on Cross Sections	4	RW-PerpetualEasement	2
X		rdxssp	EaseTempLine_px	Easement Lines Temporary on Cross Sections	6	RW-TemporaryEasement	0
X		rdxssp	ElecBur_ex	Electrical on Cross Sections (Buried) (Existing)	3	2 / DGN2	1
X		rdxssp	ElecBur_px	Electrical on Cross Sections (Buried)	3	0 / Continuous	1
X		rdxssp	Endwall_px	Endwall on Cross Sections	10	0 / Continuous	2
		rdxssp	ExcavationLimits_dp	Excavation Limits on Cross Sections	0	0 / Continuous	1
		rdxssp	Fence_ex	Fence Lines on Cross Sections (Existing)	6	3 / DGN3	1
X		rdxssp	Fence_px	Fence Lines on Cross Sections	6	RD-Fence	2
X		rdxssp	FES_px	Flared End Sections on Cross Sections	10	0 / Continuous	2
X		rdxssp	FOCBur_ex	Fiber Optics Cable on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		rdxssp	FOCBur_px	Fiber Optics Cable on Cross Sections (Buried)	6	0 / Continuous	1
X		rdxssp	FOEBur_ex	Fiber Optics Electrical on Cross Sections (Buried) (Existing)	3	2 / DGN2	1
X		rdxssp	FOEBur_px	Fiber Optics Electrical on Cross Sections (Buried)	3	0 / Continuous	1
X		rdxssp	FOTBur_ex	Fiber Optics Telephone on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		rdxssp	FOTBur_px	Fiber Optics Telephone on Cross Sections (Buried)	6	0 / Continuous	1
X		rdxssp	Gas_ex	Gas Pipe and Fittings on Cross Sections (Miscellaneous) (Existing)	4	2 / DGN2	1
X		rdxssp	Gas_px	Gas Pipe and Fittings on Cross Sections (Miscellaneous)	4	0 / Continuous	1
		rdxssp	GeotechFillPatt1	Geotechnical Fill Pattern - (Earth, Wood, Muck, Concrete, Rock, Riprap) as Defined in Project	3	0 / Continuous	0
		rdxssp	GeotechFillPatt1_px	Geotechnical Fill Pattern on Cross Sections (Earth, Wood, Muck, Concrete, Rock, Riprap) as Defined in Project	3	0 / Continuous	0
		rdxssp	GeotechFillPatt2	Geotechnical Fill Pattern - Clay, Sand	0	1 / DGN1	0
		rdxssp	GeotechFillPatt2_px	Geotechnical Fill Pattern on Cross Sections - Clay, Sand	0	1 / DGN1	0
		rdxssp	GeotechFillPatt3	Geotechnical Fill Pattern - Shell	3	1 / DGN1	0
		rdxssp	GeotechFillPatt3_px	Geotechnical Fill Pattern on Cross Sections - Shell	3	1 / DGN1	0
		rdxssp	GeotechFillPatt4	Geotechnical Fill Pattern - Sand	4	0 / Continuous	0
		rdxssp	GeotechFillPatt4_px	Geotechnical Fill Pattern on Cross Sections - Sand	4	0 / Continuous	0
		rdxssp	GeotechFillPatt5	Geotechnical Fill Pattern - Coquina	1	0 / Continuous	1
		rdxssp	GeotechFillPatt5_px	Geotechnical Fill Pattern on Cross Sections - Coquina	1	0 / Continuous	1
		rdxssp	GeotechFillPatt6	Geotechnical Fill Pattern - Limestone	2	0 / Continuous	0
		rdxssp	GeotechFillPatt6_px	Geotechnical Fill Pattern on Cross Sections - Limestone	2	0 / Continuous	0
		rdxssp	GeotechFillPatt7	Geotechnical Fill Pattern - Gravel	6	0 / Continuous	0
		rdxssp	GeotechFillPatt7_px	Geotechnical Fill Pattern on Cross Sections - Gravel	6	0 / Continuous	0
		rdxssp	GeotechFillPatt8	Geotechnical Fill Pattern - Silt	0	0 / Continuous	1
		rdxssp	GeotechFillPatt8_px	Geotechnical Fill Pattern on Cross Sections - Silt	0	0 / Continuous	1
		rdxssp	GeotechMisc	Geotechnical Elements (Miscellaneous)	0	0 / Continuous	1
		rdxssp	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		rdxssp	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		rdxssp	GridMinG_dp	Grid Lines Minor Sub 2 on Cross Section Sheets	20	0 / Continuous	0
		rdxssp	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		rdxssp	GSBWFill	GuidSign Black and White Fill Level for GuidSign Cells	0	0 / Continuous	1
		rdxssp	GSColorFill	GuidSign Color Fill Level for GuidSign Cells	2	0 / Continuous	1
		rdxssp	GSDims	GuidSign Dimensions	0	0 / Continuous	1
		rdxssp	GSOOutline	GuidSign Outline Level for GuidSign Cells	0	0 / Continuous	2
		rdxssp	GSSign	GuidSign Panel and Tag	7	0 / Continuous	0
X		rdxssp	Guardrail_ex	Guardrail Lines on Cross Sections (Existing)	0	2 / DGN2	2
X		rdxssp	GuardrailPanel_px	Guardrail Component Property on Cross Sections for 3D Guardrail Panels	11	0 / Continuous	1
X	B	rdxssp	GuardrailPost_px	Guardrail Component Property on Cross Sections for 3D Guardrail Posts	10	0 / Continuous	0
		rdxssp	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		rdxssp	Inlet_px	Inlets on Cross Sections	10	0 / Continuous	2
X		rdxssp	InletBottom_px	Inlet Bottom on Cross Sections (All Types)	10	0 / Continuous	2
X		rdxssp	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
X		rdxssp	InterconCable	Cable Interconnect	1	SG-InterconCable-Proposed	1
X		rdxssp	InterconCable_ep	Interconnect Cable (Existing)	1	SG-InterconCable-Existing	0
X		rdxssp	JunctBoxA	Junction Boxes (Aerial)	3	0 / Continuous	1
X		rdxssp	JunctBoxA_ep	Junction Boxes (Aerial) (Existing)	3	1 / DGN1	0
		rdxssp	KeyShtMisc	Key Sheet Items (Miscellaneous)	0	0 / Continuous	2
		rdxssp	LaneDirArrow	Lane Directional Arrow	0	0 / Continuous	1
X		rdxssp	LARWLine_ex	Limited Access Right of Way Lines on Cross Sections (Existing)	4	RW-LimitedAccess-Existing	1
X		rdxssp	LARWLine_px	Limited Access Right of Way Lines on Cross Sections	4	RW-LimitedAccess-Proposed	2
X		rdxssp	LateralLimits_px	Lateral Limits on Cross Sections	6	0 / Continuous	2
		rdxssp	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		rdxssp	LightingMisc	Lighting Items (Miscellaneous)	4	0 / Continuous	2
X		rdxssp	LightingSP	Lighting Service Points	0	0 / Continuous	1
X		rdxssp	LoadCenter	Load Center	2	0 / Continuous	1
X		rdxssp	LoadCenter_ep	Load Center (Existing)	2	5 / DGN5	0
		rdxssp	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
X		rdxssp	Luminaire	Luminaires (Decorative - All Types)	2	0 / Continuous	1
		rdxssp	Manhole_ex	Manhole on Cross Sections (Existing)	10	3 / DGN3	2
X		rdxssp	Manhole_px	Manhole on Cross Sections	10	0 / Continuous	2
X		rdxssp	MES_px	Mitered End Section on Cross Sections	10	0 / Continuous	2
X		rdxssp	MetalButtons	Metal Buttons	0	0 / Continuous	2
		rdxssp	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		rdxssp	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		rdxssp	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		rdxssp	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		rdxssp	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		rdxssp	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		rdxssp	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		rdxssp	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		rdxssp	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		rdxssp	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		rdxssp	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		rdxssp	NorthArw_dp	North Arrows	0	0 / Continuous	2
X		rdxssp	ObjectMarker	Object and Reflective Markers	3	0 / Continuous	1
X		rdxssp	OverheadSign	Overhead Sign Panels	0	0 / Continuous	2
X		rdxssp	OverheadSign_ep	Overhead Sign Panels (Existing)	0	3 / DGN3	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		rdxssp	OverheadStr	Mast Arm, Truss Assemblies, Signal Arms and Supports	0	0 / Continuous	2
X		rdxssp	OverheadStr_ep	Mast Arm, Truss Assemblies, Signal Arms and Supports (Existing)	0	3 / DGN3	1
		rdxssp	PatternLines1_dp	Pattern Lines on Cross Sections and All Autodesk (Civil 3D) Tables	3	0 / Continuous	2
		rdxssp	PatternLines2_dp	Pattern Lines on Cross Sections Alternate for Side Streets, CriticalCross Sections or Drainage Structures	4	0 / Continuous	2
		rdxssp	PatternLines3_dp	Pattern Lines on Cross Sections Alternate for Side Streets, CriticalCross Sections or Drainage Structures	5	0 / Continuous	2
X		rdxssp	PavedMedianBase_px	Median Subgrade on Cross Sections (Paved)	3	0 / Continuous	2
		rdxssp	PavtAsphalt_ep	Asphalt Pavement Edge (Existing)	0	3 / DGN3	1
X		rdxssp	PavtAsphalt_px	Asphalt Pavement on Cross Sections and Components in Models	1	0 / Continuous	2
X		rdxssp	PavtBase_ex	Base Material on Cross Sections (All Types) (Existing)	3	3 / DGN3	1
X		rdxssp	PavtBase_px	Base Material on Cross Sections (All Types)	3	0 / Continuous	2
X		rdxssp	PavtConcrete_px	Concrete Pavement on Cross Sections and Components in Models	0	0 / Continuous	2
X		rdxssp	PavtMessage	Pavement Message (All Types)	0	0 / Continuous	1
X		rdxssp	PavtMessage_ep	Pavement Message (All Types) (Existing)	0	2 / DGN2	0
X		rdxssp	PavtMilling_px	Asphalt Milling Lines on Cross Sections	7	0 / Continuous	2
X		rdxssp	PavtMisc_px	Pavement on Cross Sections (Miscellaneous)	1	0 / Continuous	2
X		rdxssp	PavtOverbuild_px	Pavement Overbuild Areas on Cross Sections - Component Property	4	0 / Continuous	2
X		rdxssp	PavtOverlay_px	Pavement Overlay on Cross Sections - Component Property	1	0 / Continuous	2
X		rdxssp	PavtOverlay1_px	Pavement Overlay on Cross Sections - Component Property	14	0 / Continuous	2
X		rdxssp	PavtOverlay2_px	Pavement Overlay on Cross Sections - Component Property	7	0 / Continuous	2
X		rdxssp	PavtStabilization_px	Stabilization on Cross Sections	5	2 / DGN2	2
		rdxssp	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		rdxssp	PipeCulvert_ep	Pipe Culvert (Existing)	10	3 / DGN3	1
X		rdxssp	PipeCulvert_ex	Pipe Culvert in Cross Sections (Existing)	10	3 / DGN3	1
X		rdxssp	PipeCulvert_pr	Pipe Culvert in Profile	10	0 / Continuous	2
X		rdxssp	PipeCulvert_px	Pipe Culvert on Cross Section View	10	0 / Continuous	2
X		rdxssp	PlotBorder_dp	Plot Border	3	0 / Continuous	0
X		rdxssp	PMCeramic	Pavement Markers Ceramic	0	0 / Continuous	1
		rdxssp	PMMisc	Pavement Marking Items (Miscellaneous)	0	0 / Continuous	2
X	A	rdxssp	PMSkip(10-10-20)	Pavement Marking 10/10/20 Skip Traffic Stripe 6in Contrast	0	0 / PM-Skip-Stripe 10-10-20	2
X	A	rdxssp	PMSkip(2-2-2)	Pavement Marking 2/2/2 Skip Traffic Stripe 6in Contrast	0	0 / PM-Skip-Stripe 2-2-2	2
X	A	rdxssp	PMSkip12W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 12in White	0	0 / PM-Skip-Stripe 2-4	4
X	A	rdxssp	PMSkip12W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 12in White	0	0 / PM-Skip-Stripe 3-9	4
X	A	rdxssp	PMSkip6B(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Black	3	0 / PM-Skip-Stripe 10-30	2
X	A	rdxssp	PMSkip6W(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 10-30	2
X	A	rdxssp	PMSkip6W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 2-4	2
X	A	rdxssp	PMSkip6W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 3-9	2
X	A	rdxssp	PMSkip6W(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 6-10	2
X	A	rdxssp	PMSkip6Y(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 10-30	2
X	A	rdxssp	PMSkip6Y(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 2-4	2
X	A	rdxssp	PMSkip6Y(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 6-10	2
X	A	rdxssp	PMSkip8W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 8in White	0	0 / PM-Skip-Stripe 3-9	2
X	A	rdxssp	PMSkip9C(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 9in Contrast	0	0 / PM-Skip-Stripe 10-30	2
X		rdxssp	PMStripe(10-10-20)	Pavement Marking 10/10/20 Skip Traffic Stripe 6in Contrast	0	PM-Stripe-10'_20'Skip / PM-Stripe-SKIP 10-10-20	2
X		rdxssp	PMStripe(2-2-2)	Pavement Marking 2/2/2 Skip Traffic Stripe 6in Contrast	0	PM-Stripe-2'_2'Skip / PM-Stripe-SKIP 2-2-2	2
X		rdxssp	PMStripe12B	Pavement Marking Traffic Stripe 12in Black	3	0 / Continuous	4
X		rdxssp	PMStripe12W	Pavement Marking Traffic Stripe 12in White	0	0 / Continuous	4

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		rdxssp	PMStripe12W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 12in White	0	0 / PM-Stripe-SKIP 2-4	4
X		rdxssp	PMStripe12W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 12in White	0	0 / PM-Stripe-SKIP 3-9	4
X		rdxssp	PMStripe12Y	Pavement Marking Traffic Stripe 12in Yellow	4	0 / Continuous	4
X		rdxssp	PMStripe16B	Pavement Marking Traffic Stripe 16in Black	3	0 / Continuous	5
X		rdxssp	PMStripe16W	Pavement Marking Traffic Stripe 16in White	0	0 / Continuous	5
X		rdxssp	PMStripe16Y	Pavement Marking Traffic Stripe 16in Yellow	4	0 / Continuous	5
X		rdxssp	PMStripe18B	Pavement Marking Traffic Stripe 18in Black	3	0 / Continuous	6
X		rdxssp	PMStripe18W	Pavement Marking Traffic Stripe 18in White	0	0 / Continuous	6
X		rdxssp	PMStripe18Y	Pavement Marking Traffic Stripe 18in Yellow	4	0 / Continuous	6
X		rdxssp	PMStripe24W	Pavement Marking Traffic Stripe 24in White	0	0 / Continuous	7
X		rdxssp	PMStripe24Y	Pavement Marking Traffic Stripe 24in Yellow	4	0 / Continuous	7
X		rdxssp	PMStripe6B	Pavement Marking Traffic Stripe 6in Black	3	0 / Continuous	2
X		rdxssp	PMStripe6B(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Black	3	0 / PM-Stripe-SKIP 10-30	2
X		rdxssp	PMStripe6Bl	Pavement Marking Traffic Stripe 6in Blue	1	0 / Continuous	2
X		rdxssp	PMStripe6DY	Pavement Marking Traffic Stripe 6in Double Yellow	4	0 / Continuous	2
X		rdxssp	PMStripe6W	Pavement Marking Traffic Stripe 6in White	0	0 / Continuous	2
X		rdxssp	PMStripe6W(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 10-30	2
X		rdxssp	PMStripe6W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 2-4	2
X		rdxssp	PMStripe6W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 3-9	2
X		rdxssp	PMStripe6W(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 6-10	2
X		rdxssp	PMStripe6Y	Pavement Marking Traffic Stripe 6in Yellow	4	0 / Continuous	2
X		rdxssp	PMStripe6Y(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 10-30	2
X		rdxssp	PMStripe6Y(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 2-4	2
X		rdxssp	PMStripe6Y(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 6-10	2
X		rdxssp	PMStripe8B	Pavement Marking Traffic Stripe 8in Black	3	0 / Continuous	3
X		rdxssp	PMStripe8W	Pavement Marking Traffic Stripe 8in White	0	0 / Continuous	3
X		rdxssp	PMStripe8W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 8in White	0	0 / PM-Stripe-SKIP 3-9	2
X		rdxssp	PMStripe8Y	Pavement Marking Traffic Stripe 8in Yellow	4	0 / Continuous	3
X		rdxssp	PMStripe9C(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 9in Contrast	0	0 / PM-Stripe-SKIP 10-30	2
X		rdxssp	PMStripeRumbleCL	Center Line Rumble Stripes (Use to Quantify Rumble Strips) (NonPlotting)	4	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		rdxssp	PMStripeRumbleWL	Rumble Stripes (6in White Thermoplastic Over Rumble Strips) (Left)	0	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		rdxssp	PMStripeRumbleWR	Rumble Stripes (6in White Thermoplastic Over Rumble Strips) (Right)	0	PM-Stripe-RumbleStripeRight / PM-Stripe-RumbleStripe	2
X		rdxssp	PMStripeRumbleYL	Rumble Stripes (6in Yellow Thermoplastic Over Rumble Strips) (Left)	4	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		rdxssp	PMStripeRumbleYR	Rumble Stripes (6in Yellow Thermoplastic Over Rumble Strips) (Right)	4	PM-Stripe-RumbleStripeRight / PM-Stripe-RumbleStripe	2
X		rdxssp	PMStripeVibeWL	Pavement Marking Auditory and Vibratory 6in White (Left)	0	PM-Stripe-VibratoryLeft / PM-Stripe-Vibratory	2
X		rdxssp	PMStripeVibeWR	Pavement Marking Auditory and Vibratory 6in White (Right)	0	PM-Stripe-VibratoryRight / PM-Stripe-Vibratory	2
X		rdxssp	PMStripeVibeYL	Pavement Marking Auditory and Vibratory 6in Yellow (Left)	4	PM-Stripe-VibratoryLeft / PM-Stripe-Vibratory	2
X		rdxssp	PMStripeVibeYR	Pavement Marking Auditory and Vibratory 6in Yellow (Right)	4	PM-Stripe-VibratoryRight / PM-Stripe-Vibratory	2
		rdxssp	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		rdxssp	PoleConc	Concrete Strain Pole	0	0 / Continuous	2
X		rdxssp	PoleConc_ep	Concrete Strain Pole (Existing)	0	2 / DGN2	1
X		rdxssp	PoleFound	Pole Foundation	0	0 / Continuous	2
X		rdxssp	PoleLight	Light Pole	2	0 / Continuous	1
X		rdxssp	PoleLight_ep	Light Pole (Existing)	2	2 / DGN2	1
X		rdxssp	PoleLightHM	High Mast Light Pole	3	0 / Continuous	1
X		rdxssp	PoleLightHM_ep	High Mast Light Pole (Existing)	2	2 / DGN2	1
		rdxssp	PoleLightID	Light Pole Location / ID	4	0 / Continuous	1
X		rdxssp	PoleShared	Power Pole Electric (Above Ground) Shared w/ Transformer	3	0 / Continuous	2
X		rdxssp	PoleSteelStrain	Steel Strain Pole	0	0 / Continuous	2
X		rdxssp	PoleSteelStrain_ep	Steel Strain Pole (Existing)	0	2 / DGN2	1
X		rdxssp	PoleWoodStrain	Wood Strain Pole	0	0 / Continuous	2
X		rdxssp	PoleWoodStrain_ep	Wood Strain Pole (Existing)	0	2 / DGN2	1
X		rdxssp	Pond_px	Pond Lines on Cross Sections	2	0 / Continuous	2
X		rdxssp	PropertyLine_ep	Property Lines (Existing)	7	0 / Continuous	0
X		rdxssp	PullBox	Pull Boxes (All Types)	3	0 / Continuous	1
X	B	rdxssp	PvtAnalysisCrown_px	Pavement Analysis Crowning on Cross Sections - Component Property	7	0 / Continuous	1
X	B	rdxssp	PvtAnalysisFail_px	Pavement Analysis Failure on Cross Sections - Component Property	3	0 / Continuous	1
X	B	rdxssp	PvtAnalysisMax_px	Pavement Analysis Acceptable Maximum Range on Cross Sections - Component Property	5	0 / Continuous	1
X	B	rdxssp	PvtAnalysisMin_px	Pavement Analysis Acceptable Minimum Range on Cross Sections - Component Property	4	0 / Continuous	1
X	B	rdxssp	PvtAnalysisOptiml_px	Pavement Analysis Optimal on Cross Sections - Component Property	2	0 / Continuous	1
X		rdxssp	Railing_px	Railing Components and Cross Sections Shapes	9	0 / Continuous	2
		rdxssp	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X		rdxssp	ReflPaintWht	Reflective Paint - Island Nose (White)	0	0 / Continuous	3
X		rdxssp	ReflPaintYel	Reflective Paint - Island Nose (Yellow)	4	0 / Continuous	3
	A	rdxssp	RegionBdry_dp	Boundary Line for Regions in Corridor Design (For Autodesk Use)	0	0 / Continuous	0
X		rdxssp	RipRap_px	Rip Rap, Rubble on Cross Sections	4	1 / DGN1	2
X		rdxssp	RPM_ep	Reflective Pavement Markers (Existing)	2	2 / DGN2	1
X		rdxssp	RPM1	Raised Pavement Markers, White	0	0 / Continuous	2
X		rdxssp	RPM2	Raised Pavement Markers, White - Red	3	0 / Continuous	2
X		rdxssp	RPM3	Raised Pavement Markers, Yellow	4	0 / Continuous	2
X		rdxssp	RPM4	Raised Pavement Markers, Yellow - Yellow	9	0 / Continuous	2
X		rdxssp	RPM5	Raised Pavement Markers, Yellow - Red	6	0 / Continuous	2
X		rdxssp	RPM6	Raised Pavement Markers, Blue	1	0 / Continuous	2
X		rdxssp	RumbleStrip1	Rumble Strips Continuous Array (16 in)	0	PM-RumbleSolid	2
X		rdxssp	RumbleStrip2	Rumble Strips Skip Array (16 in)	0	PM-RumbleSkip	2
X		drxsrd	RumbleStrip3	Rumble Strips Continuous Array (8 in)	0	PM-RumbleSolid8in	2
X		drxsrd	RumbleStrip4	Rumble Strips Skip Array (8 in)	0	PM-RumbleSkip8in	2
X		rdxssp	RWLine	Right of Way Lines	4	RW-Proposed	3
X		rdxssp	RWLine_ep	Right of Way Lines (Existing)	7	RW-Existing	0
X		rdxssp	RWLine_ex	Right of Way Lines on Cross Sections (Existing)	3	RW-Existing	1
X		rdxssp	RWLine_px	Right of Way Lines on Cross Sections	4	RW-Proposed	2
X		rdxssp	SanitaryFM_ex	Force Main Lines on Cross Sections (Existing)	2	2 / DGN2	1
X		rdxssp	SanitaryFM_px	Force Main Lines on Cross Sections	2	0 / Continuous	1
X		rdxssp	SanitarySewer_ex	Sanitary Sewer Lines on Cross Sections (Existing)	2	2 / DGN2	0
X		rdxssp	SanitarySewer_px	Sanitary Sewer Lines on Cross Sections	2	0 / Continuous	1
X		rdxssp	SanitarySewerEff_ex	Sanitary Effluent on Cross Sections (Existing)	5	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		rdxssp	SanitarySewerEff_px	Sanitary Effluent on Cross Sections	5	0 / Continuous	0
X		rdxssp	SawCuts	Saw Cuts	3	3 / DGN3	0
		rdxssp	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2
		rdxssp	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		rdxssp	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		rdxssp	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		rdxssp	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		rdxssp	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		rdxssp	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		rdxssp	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		rdxssp	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		rdxssp	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		rdxssp	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		rdxssp	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
X		rdxssp	ShldrBase_px	Shoulder Base on Cross Sections	3	0 / Continuous	2
X		rdxssp	ShldrMilling_px	Shoulder Milling Component on Cross Sections - Component Property	7	0 / Continuous	2
X		rdxssp	ShldrOverbuild_px	Shoulder Overbuild on Cross Sections - Component Property	4	0 / Continuous	1
X		rdxssp	ShldrOverlay_px	Shoulder Overlay on Cross Sections - Component Property	1	0 / Continuous	1
X		rdxssp	ShldrPaved_px	Shoulder Lines on Cross Sections (Paved)	1	0 / Continuous	2
X		rdxssp	ShldrUnpaved_px	Shoulder Lines on Cross Sections (Unpaved)	2	0 / Continuous	2
X		rdxssp	Sidewalk_ex	Sidewalk Elements on Cross Sections (Existing)	0	2 / DGN2	1
X		rdxssp	Sidewalk_px	Sidewalk Elements on Cross Sections	0	0 / Continuous	2
		rdxssp	SidewalkBack_er	Back of Sidewalk Line Profile (Existing)	2	2 / DGN2	1
		rdxssp	SidewalkBack_pr	Back of Sidewalk Line Profile	5	0 / Continuous	2
X		rdxssp	SidewalkBase_px	Sidewalk Subgrade on Cross Sections	3	0 / Continuous	2
X		rdxssp	SignCantilever	Sign Symbol Cantilever	0	0 / Continuous	1
X		rdxssp	SignCantilever_ep	Sign Symbol Cantilever (Existing)	0	2 / DGN2	0
		rdxssp	SignDetail	Sign Details	0	0 / Continuous	2
		rdxssp	SignLettersAZ	Alphabet Cell Library Letter A-Z Numbers 0-9	0	0 / Continuous	0
		rdxssp	SignMisc	Sign Symbols (Miscellaneous)	3	0 / Continuous	1
		rdxssp	SignMisc_ep	Sign Symbols (Miscellaneous) (Existing)	1	1 / DGN1	1
X		rdxssp	SignPanel	Sign Panels - Regulatory	0	0 / Continuous	2
X		rdxssp	SignPanel_ep	Sign Panel Elements (Existing)	0	2 / DGN2	1
X		rdxssp	SignPanelBorder	Sign Panel Border on Sign Details	0	0 / Continuous	1
X		rdxssp	SignPanelC	Sign Panels - Civil	1	0 / Continuous	2
X		rdxssp	SignPanelDetRed	Sign Panel Details in Red	3	0 / Continuous	2
X		rdxssp	SignPanelG	Sign Panels - Guide	2	0 / Continuous	2
X		rdxssp	SignPanell	Sign Panels - Special Interest	9	0 / Continuous	2
X		rdxssp	SignPanelT	Sign Panels - Construction	6	0 / Continuous	2
X		rdxssp	SignPanelW	Sign Panels - Warning	4	0 / Continuous	2
X		rdxssp	SignSpanwire	Span Wire Signing Assembly	2	0 / Continuous	1
X		rdxssp	SignSpanwire_ep	Span Wire Signing Assembly (Existing)	2	2 / DGN2	1
X		rdxssp	SignSpecial	Special Signs / Guide Signs	2	0 / Continuous	2
X		rdxssp	SignSupport	Ground Mounted Sign Support Symbol (All Types)	1	0 / Continuous	1
		rdxssp	SignSupport_ep	Ground Mounted Sign Support Symbol (All Types)(Existing)	0	3 / DGN3	1
X		rdxssp	SignSymbol_px	Sign Structure and Foundation on Cross Sections	4	0 / Continuous	2
X		rdxssp	SignTruss	Sign Symbol Truss	3	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		rdxssp	SignTruss_ep	Sign Symbol Truss (Existing)	3	2 / DGN2	1
X		rdxssp	Slopes_px	Slope Lines on Cross Sections	9	0 / Continuous	2
X		rdxssp	SoilBoxes_px	Soil Boxes and Borings on Cross Sections	4	0 / Continuous	1
		rdxssp	SpecialDetails	Special Details	6	0 / Continuous	1
		rdxssp	SpecialDetails_px	Special Details on Cross Sections	6	0 / Continuous	1
		rdxssp	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
		rdxssp	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
X		rdxssp	StreetLights_px	Street Lights on Cross Sections	3	0 / Continuous	1
		rdxssp	Structure_px	Signal and Sign Structures on Cross Sections	0	0 / Continuous	2
X		rdxssp	SubDsgn_px	Sub Design on Cross Sections Including Sub-base	4	0 / Continuous	1
X		rdxssp	Subsoil_px	Subsoil or Undercut on Cross Sections	4	0 / Continuous	2
X		rdxssp	SubsoilFinal_px	Subsoil Final for Multiline on Cross Sections	18	0 / Continuous	1
X		rdxssp	SubsoilProp_px	Subsoil Proposed for Multiline on Cross Sections	8	0 / Continuous	1
	B	rdxssp	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
	B	rdxssp	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
	B	rdxssp	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
	A	rdxssp	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
X		rdxssp	TeleBur_ex	Telephone on Cross Sections (Buried) (Miscellaneous) (Existing)	6	2 / DGN2	1
X		rdxssp	TeleBur_px	Telephone on Cross Sections (Buried) (Miscellaneous)	6	0 / Continuous	1
X		rdxssp	TempBarrier_px	Temporary Barrier on Typical	6	0 / Continuous	2
X	B	rdxssp	TemplateBottom_px	Bottom of Template for Multiline on Cross Sections	6	0 / Continuous	1
X	B	rdxssp	TemplateFinal_px	Final Template for Multiline on Cross Sections	2	0 / Continuous	1
X	B	rdxssp	TemplateTop_px	Top of Template for Multiline on Cross Sections	7	0 / Continuous	1
X		rdxssp	TerrainLine_ex	Ground Line for Multiline on Cross Sections (Existing)	5	0 / Continuous	1
		rdxssp	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		rdxssp	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		rdxssp	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		rdxssp	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		rdxssp	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		rdxssp	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		rdxssp	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		rdxssp	TextGeotech	Text - Soil Borings and Labels	0	0 / Continuous	2
		rdxssp	TextLabel	Text - Label	0	0 / Continuous	2
		rdxssp	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		rdxssp	TextMajor	Text - Major	0	0 / Continuous	5
		rdxssp	TextMinor	Text - Minor	0	0 / Continuous	0
		rdxssp	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		rdxssp	TextNotes	Text - Notes	4	0 / Continuous	1
		rdxssp	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		rdxssp	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		rdxssp	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		rdxssp	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		rdxssp	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		rdxssp	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		rdxssp	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		rdxssp	TextTitle	Text - Title	0	0 / Continuous	3
		rdxssp	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		rdxssp	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		rdxssp	TextXSBL_dp	Text - Cross Section Baseline Labels	0	0 / Continuous	2
		rdxssp	TextXSDrain_ex	Text - Cross Section Drainage Labels (Existing)	10	0 / Continuous	2
		rdxssp	TextXSDrain_px	Text - Cross Section Drainage Labels	10	0 / Continuous	2
		rdxssp	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
		rdxssp	TextXSElev_ex	Text - Cross Section Elevations (Existing)	2	0 / Continuous	1
		rdxssp	TextXSElev_px	Text - Cross Section Elevations	0	0 / Continuous	1
	B	rdxssp	TextXSGPKPts_dp	Text - Cross Section Points Labels	4	0 / Continuous	0
		rdxssp	TextXSNNotes_dp	Text - Cross Section Notes	0	0 / Continuous	2
		rdxssp	TextXSSlope_dp	Text - Cross Section Slope Labels (rise:run format)	0	0 / Continuous	2
		rdxssp	TextXSSlopePvt_dp	Text - Cross Section Pavement Slope Labels	0	0 / Continuous	2
X		rdxssp	TrafSeparator_ex	Traffic Separator on Cross Sections (All Types) (Existing)	6	2 / DGN2	1
X		rdxssp	TrafSeparator_px	Traffic Separator on Cross Sections (All Types)	6	0 / Continuous	2
X		rdxssp	TrafSeparatorBase_px	Traffic Separator Subgrade on Cross Sections	3	0 / Continuous	2
X		rdxssp	TubularMarker_px	Tubular Markers on Typical	6	0 / Continuous	2
X		rdxssp	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		rdxssp	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
		rdxssp	TypicalMisc	Typical Items (Miscellaneous)	0	0 / Continuous	2
		rdxssp	UtilsMisc_ex	Utility Items on Cross Sections (Miscellaneous) (Existing)	8	2 / DGN2	1
		rdxssp	UtilsMisc_px	Utility Items on Cross Sections (Miscellaneous)	8	0 / Continuous	1
		rdxssp	Vehicle	Vehicle for Calculating Turning Radius	7	0 / Continuous	2
	A	rdxssp	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
		rdxssp	VoidArea_dx	Void Area on Cross Sections	1	0 / Continuous	0
X		rdxssp	WallBarrier_ex	Barrier Wall on Cross Section (Existing)	6	3 / DGN3	1
X		rdxssp	WallBarrier_px	Barrier Wall on Cross Section	6	0 / Continuous	2
X		rdxssp	WallFooter_px	Wall Footer (Concrete) on Cross Sections - Component Symbology/Material on All Wall Footers/Leveling Pads	2	0 / Continuous	1
X		rdxssp	WallGravBase_px	Gravity Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		rdxssp	WallGravity_px	Gravity Wall on Cross Sections	11	0 / Continuous	2
X		rdxssp	WallMedianBase_px	Median Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		rdxssp	WallRetain_px	Retaining Walls on Cross Sections	6	0 / Continuous	1
X		rdxssp	WallShldrBase_px	Shoulder Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		rdxssp	Water_ex	Water on Cross Sections (Existing)	1	2 / DGN2	1
X		rdxssp	Water_px	Water on Cross Sections	1	0 / Continuous	1
X		rdxssp	WaterNP_ex	Raw Water Pipes on Cross Sections (Existing)	5	0 / Continuous	1
X		rdxssp	WaterNP_px	Raw Water Pipes on Cross Sections	5	0 / Continuous	1
		rdxssp	Wetland_ex	Wetland Boundary on Cross Sections (Existing)	2	RD-Wetland-Existing	1
		rdxssp	WetlandEM_ep	Edge of Mangrove (Existing)	2	RD-Wetland-Existing	0
		rdxssp	WetlandMAR_ep	Edge of Wetlands (Marsh or Swamp) (Existing)	2	RD-Wetland-Existing	0
	A	rdxssp	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	rdxssp	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	rdxssp	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	rdxssp	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
X		rdxssp	XSBaseTop_px	Cross Section Top of Base	3	0 / Continuous	2
		rdxssp	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1
X		rdxssp	XSExtendGrdLine_ex	Cross Section Extend Ground Lines (Existing)	21	2 / DGN2	1
X		rdxssp	XSGrdLine_ex	Cross Section Ground Lines (Existing)	2	2 / DGN2	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		rdxssp	XSGrdLine_px	Cross Section Roadway Ground Lines	1	0 / Continuous	2
		rdxssp	XSMisc_ex	Cross Section Roadway Items (Miscellaneous) (Existing)	4	3 / DGN3	1
		rdxssp	XSMisc_px	Cross Section Items (Miscellaneous)	0	0 / Continuous	2
		rdxssp	XSPatternlines_ep	Cross Section Chain (Existing)	2	1 / DGN1	0
		rdxssp	XSPt_ep	Cross Section Point, Station (Existing)	2	1 / DGN1	0
	B	rdxssp	XSShapeDep01_dp	Cross Section Shape Dependent	11	0 / Continuous	2
	B	rdxssp	XSShapeDep02_dp	Cross Section Shape Dependent	12	0 / Continuous	2
	B	rdxssp	XSShapeDep03_dp	Cross Section Shape Dependent	13	0 / Continuous	2
	B	rdxssp	XSShapeDep04_dp	Cross Section Shape Dependent	14	0 / Continuous	2
	B	rdxssp	XSShapeDep05_dp	Cross Section Shape Dependent	15	0 / Continuous	2
	B	rdxssp	XSShapeDep06_dp	Cross Section Shape Dependent	16	0 / Continuous	2
	B	rdxssp	XSShapeDep07_dp	Cross Section Shape Dependent	17	0 / Continuous	2
	B	rdxssp	XSShapeDep08_dp	Cross Section Shape Dependent	18	0 / Continuous	2
	B	rdxssp	XSShapeDep09_dp	Cross Section Shape Dependent	19	0 / Continuous	2
	B	rdxssp	XSShapeDep10_dp	Cross Section Shape Dependent	20	0 / Continuous	2
	B	rdxssp	XSShapeIndep01_dp	Cross Section Shape Independent	1	0 / Continuous	2
	B	rdxssp	XSShapeIndep02_dp	Cross Section Shape Independent	2	0 / Continuous	2
	B	rdxssp	XSShapeIndep03_dp	Cross Section Shape Independent	3	0 / Continuous	2
	B	rdxssp	XSShapeIndep04_dp	Cross Section Shape Independent	4	0 / Continuous	2
	B	rdxssp	XSShapeIndep05_dp	Cross Section Shape Independent	5	0 / Continuous	2
	B	rdxssp	XSShapeIndep06_dp	Cross Section Shape Independent	6	0 / Continuous	2
	B	rdxssp	XSShapeIndep07_dp	Cross Section Shape Independent	7	0 / Continuous	2
	B	rdxssp	XSShapeIndep08_dp	Cross Section Shape Independent	8	0 / Continuous	2
	B	rdxssp	XSShapeIndep09_dp	Cross Section Shape Independent	9	0 / Continuous	2
	B	rdxssp	XSShapeIndep10_dp	Cross Section Shape Independent	10	0 / Continuous	2
X		rdxssp	XSTypical_px	Cross Section Roadway Pavement Typical	1	0 / Continuous	2

RWDTRD - Right of Way Detail for Roadway

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	rdwtrd	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	rdwtrd	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		rdwtrd	BaselineSurvey	Baseline Survey	0	0 / Continuous	2
		rdwtrd	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
		rdwtrd	COGO_dp	COGO Information	3	0 / Continuous	1
		rdwtrd	ConstLines	Construction Lines and References	1	0 / Continuous	0
		rdwtrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
		rdwtrd	CurveData_dp	Curve and Coordinate Data Elements Including PC, PT, PI Symbols	4	0 / Continuous	2
		rdwtrd	CurveDataLabel_dp	Curve Data Labels PC,PI, PT	0	0 / Continuous	2
		rdwtrd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		rdwtrd	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		rdwtrd	EaseLine_ep	Easement Lines (Existing)	1	2 / DGN2	0
X		rdwtrd	EasePerpLine	Easement Lines Perpetual (Proposed)	4	RW-PerpetualEasement	2
X		rdwtrd	EaseTempLine	Easement Lines Temporary (Proposed)	6	RW-TemporaryEasement	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		rdwtrd	EaseTempLine_ep	Easement Lines Temporary (Existing)	6	RW-TemporaryEasement	1
X		rdwtrd	GovCityLimitLine_ep	Government: City Limit Line (Existing)	3	RW-CityLimit-Type 1	0
X		rdwtrd	GovCountyLine_ep	Government: County Line (Existing)	3	RW-CountyLine	3
X		rdwtrd	GovQuarterLine_ep	Government: Quarter Section Line (Existing)	3	RW-QuarterSection	1
X		rdwtrd	GovSectionLine_ep	Government: Section Lines (Existing)	3	RW-SectionLine	2
		rdwtrd	GovStateLine_ep	Government: State Line (Existing)	2	RW-StateLine	3
X		rdwtrd	GovTwpRgeLine_ep	Government:Township and Range Government Survey Line	2	RW-TownshipRange	3
		rdwtrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		rdwtrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
X		rdwtrd	LARWLine	Limited Access Right of Way Lines	4	RW-LimitedAccess-Proposed	3
X		rdwtrd	LARWLine_ep	Limited Access Right of Way Lines (Existing)	7	RW-LimitedAccess-Existing	0
		rdwtrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		rdwtrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
		rdwtrd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		rdwtrd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		rdwtrd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		rdwtrd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		rdwtrd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		rdwtrd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		rdwtrd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		rdwtrd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		rdwtrd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		rdwtrd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		rdwtrd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		rdwtrd	NorthArw_dp	North Arrows	0	0 / Continuous	2
		rdwtrd	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
		rdwtrd	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
X		rdwtrd	PropertyLine_ep	Property Lines (Existing)	7	0 / Continuous	0
		rdwtrd	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X	B	rdwtrd	RefPtAngleTie	Annotation:Angle Tie:Survey Reference Point / Detail	0	RW-Dimension-Type1 / Continuous	1
X		rdwtrd	RefPtLeader	Annotation:Leader:Survey Reference Point / Detail	0	RW-Leader / Continuous	1
X		rdwtrd	RefPtLine	Survey Reference Point Line / Detail (Miscellaneous)	0	0 / Continuous	1
X		rdwtrd	RefPtStaTie	Annotation:Station Tie:Survey Reference Point / Detail	0	RW-ArrowTie / Continuous	0
X		rdwtrd	RefPtText	Annotation: Text: Survey Data Reference Point (Miscellaneous)	0	0 / Continuous	1
X		rdwtrd	RRBaseline	Railroad Center Line	0	RW-RailroadBL	0
X		rdwtrd	RWLine	Right of Way Lines	4	RW-Proposed	3
X		rdwtrd	RWLine_ep	Right of Way Lines (Existing)	7	RW-Existing	0
		rdwtrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		rdwtrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		rdwtrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		rdwtrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		rdwtrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		rdwtrd	SpecialDetails	Special Details	6	0 / Continuous	1
		rdwtrd	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
		rdwtrd	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
X		rdwtrd	SubDivLine	Subdivision Line (Existing)	5	0 / Continuous	0
	A	rdwtrd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		rdwtrd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		rdwtrd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		rdwtrd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		rdwtrd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		rdwtrd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		rdwtrd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		rdwtrd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		rdwtrd	TextLabel	Text - Label	0	0 / Continuous	2
		rdwtrd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		rdwtrd	TextMajor	Text - Major	0	0 / Continuous	5
		rdwtrd	TextMinor	Text - Minor	0	0 / Continuous	0
		rdwtrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		rdwtrd	TextNotes	Text - Notes	4	0 / Continuous	1
		rdwtrd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		rdwtrd	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		rdwtrd	TextPTLabel	Text - Point Labels	4	0 / Continuous	0
		rdwtrd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		rdwtrd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		rdwtrd	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		rdwtrd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		rdwtrd	TextTitle	Text - Title	0	0 / Continuous	3
		rdwtrd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		rdwtrd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		rdwtrd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
X		rdwtrd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		rdwtrd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
	A	rdwtrd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
	A	rdwtrd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	rdwtrd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	rdwtrd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	rdwtrd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		rdwtrd	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1

RWENG10 - Right of Way

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	rweng10	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	rweng10	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		rweng10	BaselineCurveData	Cell:Baseline Curve Data	0	0 / Continuous	2
X		rweng10	BaselineFlagLT	Annotation:Begin End Baseline Flag Left	0	RW-LeaderLeft / Continuous	2
X		rweng10	BaselineFlagRT	Annotation:Begin End Baseline Flag Right	0	RW-LeaderRight / Continuous	2
X	B	rweng10	BaselineLeaderWt0	Annotation:Leader:Baseline Survey (weight = 0)	0	RW-Leader / Continuous	0
X	B	rweng10	BaselineLeaderWt1	Annotation:Leader:Baseline Survey (weight = 1)	0	RW-Leader / Continuous	1
X	B	rweng10	BaselineLeaderWt2	Annotation:Leader:Baseline Survey (weight = 2)	0	RW-Leader / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		rweng10	BaselineSideStreet	Baseline:Baseline Side Street	0	0 / Continuous	0
X		rweng10	BaselineStaTie	Annotation:Station Tie:Baseline Station Tie	0	RW-ArrowTie / Continuous	0
		rweng10	BaselineSurvey	Baseline Survey	0	0 / Continuous	2
X		rweng10	BaselineTangentLine	Miscellaneous:Baseline Curve Tangent (PC-PI-PT)	0	2 / DGN2	0
101		rweng10	BaselineTextWt0	Annotation:Text:Baseline Text (weight = 0)	0	0 / Continuous	0
101		rweng10	BaselineTextWt1	Annotation:Text:Baseline Text (weight = 1)	0	0 / Continuous	1
101		rweng10	BaselineTextWt2	Annotation:Text:Baseline Text (weight = 2)	0	0 / Continuous	2
X		rweng10	Building_ep	Buildings (Existing)	1	0 / Continuous	0
X	B	rweng10	BuildingLeader	Annotation:Leader:Building	0	RW-Leader / Continuous	0
		rweng10	BuildingOH_ep	Building Roof Overhang (Encroachments) (Existing)	1	1 / DGN1	0
X		rweng10	BuildingStaTie	Annotation:Station Tie:Building	0	RW-ArrowTie / Continuous	0
101		rweng10	BuildingText	Annotation:Text:Buildings	0	0 / Continuous	0
X		rweng10	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
X		rweng10	ClipBorderLine	Cell:Miscellaneous:R/W Clip Border	4	0 / Continuous	4
X		rweng10	ClipBorderOutside	Cell:Miscellaneous:R/W Clip Border	3	0 / Continuous	0
X		rweng10	Closing-SameLine	Miscellaneous:Closing Line, Same Point, or Same Line	0	RW-ArrowTie / Continuous	0
101		rweng10	Closing-SameLineText	Miscellaneous:Text:Closing Line, Same Point, or Same Line	0	0 / Continuous	0
		rweng10	COGO_dp	COGO Information	3	0 / Continuous	1
X		rweng10	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
X	B	rweng10	ConstLimitsLeader	Annotation:Leader:Limits of Construction (Proposed)	3	RW-Leader / Continuous	0
X		rweng10	ConstLimitsStaTie	Annotation:Station Tie:Limits of Construction (Proposed)	3	RW-ArrowTie / Continuous	0
101		rweng10	ConstLimitsText	Annotation:Text: Limits of Construction (Proposed)	3	0 / Continuous	0
101		rweng10	CoordPTText	Annotation:Text:Miscellaneous:Coordinate Geometry Points	4	0 / Continuous	0
101	B	rweng10	DataBoxWt0	Cell:Miscellaneous:Data Table Wt0 For Text and Linear Elements	0	0 / Continuous	0
101	B	rweng10	DataBoxWt1	Cell:Miscellaneous:Data Table Wt1 For Text and Linear Elements	0	0 / Continuous	1
101	B	rweng10	DataBoxWt2	Cell:Miscellaneous:Data Table Wt2 For Text and Linear Elements	0	0 / Continuous	2
101	B	rweng10	DataBoxWt3	Cell:Miscellaneous:Data Table Wt3 For Text and Linear Elements	0	0 / Continuous	3
101	B	rweng10	DataBoxWt4	Cell:Miscellaneous:Data Table Wt4 For Text and Linear Elements	0	0 / Continuous	4
X		rweng10	DetailBorder	Miscellaneous: Border for Mapping Detail	0	3 / DGN3	3
X	B	rweng10	EaseLicLeader	Annotation:Leader:License (Proposed)	0	RW-Leader / Continuous	1
X		rweng10	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		rweng10	EaseLicStaTie	Annotation:Station Tie:License (Proposed)	0	RW-ArrowTie / Continuous	1
101		rweng10	EaseLicText	Annotation:Text:Easement Lines, License (Proposed)	0	0 / Continuous	1
X		rweng10	EaseLicWidthArrow	Annotation:Arrow:License Width (Proposed)	0	RW-Dimension-Type2 / Continuous	1
X		rweng10	EaseLine_ep	Easement Lines (Existing)	1	2 / DGN2	0
X		rweng10	EaseLineCenterline_ep	Baseline:Centerline:Easement (Existing)	1	RW-EasementCL-Existing	0
X	B	rweng10	EaseLineLeader_ep	Annotation:Leader:Easement (Existing)	1	RW-Leader / Continuous	0
X		rweng10	EaseLineStaTie_ep	Annotation:Station Tie:Easement (Existing)	1	RW-ArrowTie / Continuous	0
101		rweng10	EaseLineText_ep	Annotation:Text:Easement Lines (Existing)	1	0 / Continuous	0
X		rweng10	EaseLineWidthArrow_ep	Annotation:Arrow:Easement Width (Existing)	1	RW-Dimension-Type2 / Continuous	0
X	B	rweng10	EasePerpLeader	Annotation:Leader:Easement Perpetual (Proposed)	4	RW-Leader / Continuous	1
X		rweng10	EasePerpLine	Easement Lines Perpetual	4	RW-PerpetualEasement	2
X		rweng10	EasePerpStaTie	Annotation:Station Tie:Easement Perpetual (Proposed)	4	RW-ArrowTie / Continuous	1
101		rweng10	EasePerpText	Annotation:Text:Easement Lines, Perpetual (Proposed)	4	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		rweng10	EasePerpWidthArrow	Annotation:Arrow:Easement Perpetual Width (Proposed)	4	RW-Dimension-Type2 / Continuous	1
X	B	rweng10	EaseTempLeader	Annotation:Leader:Easement Temporary (Proposed)	6	RW-Leader / Continuous	1
X		rweng10	EaseTempLine	Easement Lines Temporary (Proposed)	6	RW-TemporaryEasement	1
X		rweng10	EaseTempLine_ep	Easement Lines Temporary (Existing)	6	RW-TemporaryEasement	1
X		rweng10	EaseTempStaTie	Annotation:Station Tie:Easement Temporary (Proposed)	6	RW-ArrowTie / Continuous	1
101		rweng10	EaseTempText	Annotation:Text:Easement Lines, Temporary (Proposed)	6	0 / Continuous	1
X		rweng10	EaseTempWidthArrow	Annotation:Arrow:Easement Temporary Width (Proposed)	6	RW-Dimension-Type2 / Continuous	1
X		rweng10	Fence_ep	Fence (All Types) (Existing)	6	RD-Fence	0
X		rweng10	FLMap1	Florida Map Items - Weight of 1	1	0 / Continuous	1
X		rweng10	FLMap2	Florida Map Items - Weight of 2	3	0 / Continuous	2
X		rweng10	FLMap3	Florida Map Items - Weight of 3	2	0 / Continuous	3
X		rweng10	FLMap4	Florida Map Items - Color 11 (Interstate)	11	0 / Continuous	4
X		rweng10	FLMap5	Florida Map Items – Weight 5, Style 7, (State Line)	3	7 / DGN7	5
X	B	rweng10	GenNotesLeader	Annotation:Leader:Miscellaneous:General Notes	0	RW-Leader / Continuous	2
101		rweng10	GenNotesText	Annotation:Miscellaneous:Text: General Notes	0	0 / Continuous	2
X	B	rweng10	GovGreenLeaderWt0_ep	Annotation:Leader:Government (color = green)(weight = 0)	2	RW-Leader / Continuous	0
X	B	rweng10	GovGreenLeaderWt2_ep	Annotation:Leader:Government (color = green)(weight = 2)	2	RW-Leader / Continuous	2
X		rweng10	GovGreenStaTie_ep	Annotation:Station Tie:Government (color = green)	2	RW-ArrowTie / Continuous	0
X		rweng10	GovGreenTextWt0_ep	Annotation:Government Text Green Weight of 0	2	0 / Continuous	0
X		rweng10	GovGreenTextWt2_ep	Annotation:Government Text Green Weight of 2	2	0 / Continuous	2
X	B	rweng10	GovRedLeaderWt0_ep	Annotation:Leader:Government (color = red)(weight = 0)	3	RW-Leader / Continuous	0
X	B	rweng10	GovRedLeaderWt2_ep	Annotation:Leader:Government (color = red)(weight = 2)	3	RW-Leader / Continuous	2
X		rweng10	GovRedStaTie_ep	Annotation:Station Tie:Government (color = red)	3	RW-ArrowTie / Continuous	0
101		rweng10	GovRedTextWt0_ep	Annotation:Government Text Red Weight of 0	3	0 / Continuous	0
101		rweng10	GovRedTextWt2_ep	Annotation:Government Text Red Weight of 2	3	0 / Continuous	2
X		rweng10	GovCityLimitLine_ep	Government: City Limit Line (Existing)	3	RW-CityLimit-Type1	0
X		rweng10	GovCityLimitHLine_ep	Government: City Limit Line (Hash Only)	3	RW-CityLimit-Type2	0
X		rweng10	GovCountyLine_ep	Government: County Line (Existing)	3	RW-CountyLine	3
X		rweng10	GovGrantLine_ep	Government: Grant Line (Existing)	3	RW-GrantLine	2
X		rweng10	GovLotLine_ep	Government: Lot Line (Existing)	3	0 / Continuous	0
X		rweng10	GovMeanderLine_ep	Government: Meander Line (Existing)	3	3 / DGN3	1
X		rweng10	GovParkLine_ep	Government: National or State Park or Forest Line (Existing)	2	RW-Nat/StPark/Forest-Type1	0
X		rweng10	GovParkHLine_ep	Government: National or State Park or Forest Line (Hash Only)	2	RW-Nat/StPark/Forest-Type2	0
X		rweng10	GovQtrQtrLine_ep	Government: Quarter / Quarter Section Line (Existing)	3	RW-QuarterSection	0
X		rweng10	GovQtrSectChrEW_ep	Government: 1/4 Section Corner E or W (Existing)	3	0 / Continuous	0
X		rweng10	GovQtrSectChrNS_ep	Government: 1/4 Section Corner N or S (Existing)	3	0 / Continuous	0
X		rweng10	GovQuarterLine_ep	Government: Quarter Section Line (Existing)	3	RW-QuarterSection	1
X		rweng10	GovSectionLine_ep	Government: Section Line (Existing)	3	RW-SectionLine	2
X		rweng10	GovStateLine_ep	Government: State Line (Existing)	2	RW-StateLine	3
X		rweng10	GovTwpRgeLine_ep	Government: Township and Range Government Survey Line (Existing)	2	RW-TownshipRange	3
		rweng10	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		rweng10	LARWLine	Limited Access Right of Way Line	4	RW-LimitedAccess-Proposed	3
X		rweng10	LARWLine_ep	Limited Access Right of Way Line (Existing)	7	RW-LimitedAccess-Existing	0
X		rweng10	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X	B	rweng10	MaintLeader	Annotation:Leader:Maintenance	4	RW-Leader / Continuous	2
X		rweng10	MaintLine	Maintenance Line	4	0 / Continuous	4
X		rweng10	MaintStaTie	Annotation:Station Tie:Maintenance	4	RW-ArrowTie / Continuous	2
101		rweng10	MaintText	Annotation:Text: Maintenance	4	0 / Continuous	2
X		rweng10	MaintWidthArrow	Annotation:Arrow:Maintenance Width (Proposed)	4	RW-Dimension-Type2 / Continuous	2
X		rweng10	MapOutline_dp	Outline for Key Maps	0	0 / Continuous	5
	A	rweng10	MatchLineMask_dp	Mask Area for Match Line Overlap Areas (For AutoCAD Use)	0	0 / Continuous	0
X	B	rweng10	MHWL_TIITF_Leader	Annotation:Leader:TIITF:Mean High Water Lines or Ordinary High Water Lines	7	RW-Leader / Continuous	2
X		rweng10	MHWL_TIITF_Line	TIITF: Mean / Ordinary High Water Lines	7	0 / Continuous	3
X		rweng10	MHWL_TIITF_StaTie	Annotation:Station Tie:TIITF:Safe Upland Elevation Lines or Jurisdictional Lines	7	RW-ArrowTie / Continuous	2
101		rweng10	MHWL_TIITF_Text	Annotation:Text:TIITF:Mean High Water LinesLines or Ordinary High Water Lines	7	0 / Continuous	2
X		rweng10	MHWL_TIITF_WidthArrow	Annotation:Arrow:TIITF:Mean High Water LinesLines or Ordinary High Water Lines	7	RW-Dimension-Type2 / Continuous	2
X		rweng10	MonConcOpen	Cell:Monument, Concrete Open	4	0 / Continuous	1
X		rweng10	MonConcSolid	Cell:Monument, Concrete Solid	4	0 / Continuous	1
X		rweng10	MonConRW	Cell:Monument, Concrete RW	4	0 / Continuous	2
X	B	rweng10	MonLeader	Annotation:Leader:Found / Set Monuments (Not Government Corners)	4	RW-Leader / Continuous	0
X		rweng10	MonPermRW	Cell:Monument, RW Permanent (RW Survey Map)	4	0 / Continuous	2
X		rweng10	MonRodOpen	Cell:Monument, Rod Open	4	0 / Continuous	1
X		rweng10	MonRodSolid	Cell:Monument, Rod Solid	4	0 / Continuous	1
X		rweng10	MonStaTie	Annotation:Station Tie:Found / Set Monuments (Not Government Corners)	4	RW-ArrowTie / Continuous	0
101		rweng10	MonText	Annotation:Text:Found / Set Monuments (Not Government Corners)	4	0 / Continuous	0
X		rweng10	Monument_ep	Monuments (All) (Set or Found)	4	0 / Continuous	0
X		rweng10	MonumentAT_ep	Monuments - Aerial Targets (Existing)	4	0 / Continuous	0
X		rweng10	MonumentCC_ep	Monuments - Concrete (Cast) (Existing)	4	0 / Continuous	0
X		rweng10	MonumentCP_ep	Monuments - Concrete (Poured) (Existing)	4	0 / Continuous	0
X		rweng10	MonumentDH_ep	Monuments - Drill Hole, Plug (Control Monumentation) (Existing)	4	0 / Continuous	0
X		rweng10	MonumentDR_ep	Monuments - Deep Rod Mark (Existing)	4	0 / Continuous	0
X		rweng10	MonumentIRC_ep	Monuments - 5/8 Rod and Cap (Existing)	4	0 / Continuous	0
X		rweng10	MonumentNL_ep	Monuments - Nail, Spike, Pin (Control Monumentation) (Existing)	4	0 / Continuous	0
X		rweng10	MonumentOM_ep	Monuments - Other Marker (Control Monumentation) (Existing)	4	0 / Continuous	0
X		rweng10	MonumentPIP_ep	Monuments - Metal Pipe, Rod, Bar (Control) (Existing)	4	0 / Continuous	0
X		rweng10	MonumentPST_ep	Monuments - Post, Stake, Staub (Control Monumentation) (Existing)	4	0 / Continuous	0
X		rweng10	MonumentSAT_ep	Monuments - Hub and Tac (Existing)	4	0 / Continuous	0
X		rweng10	MonumentSTD_ep	Monuments - Stamped Disk (Existing)	4	0 / Continuous	0
X		rweng10	MonumentSTP_ep	Monuments - Stamped Plate (Existing)	4	0 / Continuous	0
X	B	rweng10	Murphy_TIITF_Leader	Annotation:Leader:TIITF:Murphy Reservations Lines	2	RW-Leader / Continuous	1
X		rweng10	Murphy_TIITF_Line	TIITF: Upland TIITF:Murphy Reservations Lines	2	RW-TIITFMurphyResLine	1
X		rweng10	Murphy_TIITF_StaTie	Annotation:Station Tie:TIITF:Murphy Reservations Lines	2	RW-ArrowTie / Continuous	1
101		rweng10	Murphy_TIITF_Text	Annotation:Text:TIITF:Murphy Reservations Lines	2	0 / Continuous	1
X		rweng10	Murphy_TIITF_WidthArrow	Annotation:Arrow:TIITF:Murphy Reservations Lines	2	RW-Dimension-Type2 / Continuous	1
		rweng10	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
X	B	rweng10	NonVehclLeader_ep	Annotation:Leader:Non- Vehicular Access	3	RW-Leader / Continuous	0
X		rweng10	NonVehclLine_ep	Existing:Non-Vehicular Access Line	3	RW-NonVehicularAccess	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		rweng10	NonVehStaTie_ep	Annotation:Station Tie:Non -Vehicular Access	3	RW-ArrowTie / Continuous	0
101		rweng10	NonVehText_ep	Annotation:Text:Non-Vehicular Access (Existing)	3	0 / Continuous	0
		rweng10	NorthArw_dp	North Arrows	0	0 / Continuous	2
101		rweng10	ParcelBubble100	Cell:Miscellaneous:Right of Way Parcel Bubble with Leader	3	0 / Continuous	2
101		rweng10	ParcelBubble700	Cell:Miscellaneous:Temporary Easement Parcel Bubble with Leader	6	0 / Continuous	2
101		rweng10	ParcelBubble800	Cell:Miscellaneous:Perpetual Easement Parcel Bubble with Leader	4	0 / Continuous	2
101		rweng10	ParcelBubble900	Cell:Miscellaneous:License Parcel Bubble with Leader	0	0 / Continuous	2
		rweng10	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		rweng10	PlotBorder_dp	Plot Border	3	0 / Continuous	0
X		rweng10	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
X		rweng10	PropertyLine_ep	Property Lines (Existing)	7	0 / Continuous	0
X		rweng10	PropertyLineHook_ep	Cell:Miscellaneous:Property Line Hook	4	0 / Continuous	0
X	B	rweng10	PropertyLineLeader_ep	Annotation:Leader:Property Line (Existing)	7	RW-Leader / Continuous	0
X		rweng10	PropertyLineStaTie_ep	Annotation:Station Tie:Property Line (Existing)	7	RW-ArrowTie / Continuous	0
X		rweng10	PropertyLineSymbol_ep	Cell:Miscellaneous:Property Line Symbol	4	0 / Continuous	0
101		rweng10	PropertyLineText_ep	Annotation:Text:Property Line (Existing)	7	0 / Continuous	0
X		rweng10	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X		rweng10	RefPtAngleTie	Annotation: Angle Tie: Survey Reference Point / Detail	0	RW-Dimension-Type1 / Continuous	1
X	B	rweng10	RefPtLeader	Annotation: Leader: Survey Reference Point / Detail	0	RW-Leader / Continuous	1
X		rweng10	RefPtLine	Survey Reference Point Line / Detail (Miscellaneous)	0	0 / Continuous	1
X		rweng10	RefPtStaTie	Annotation: Station Tie: Survey Reference Point / Detail	0	RW-ArrowTie / Continuous	0
X		rweng10	RefPtText	Annotation: Text: Survey Data Reference Point (Miscellaneous)	0	0 / Continuous	1
X		rweng10	RFClipPoint	Cell:Miscellaneous:Point (Point Cell for RFCLIP Program)	4	0 / Continuous	10
X		rweng10	RRBaseline	Railroad Centerline	0	RW-RailroadBL	0
X	B	rweng10	RRLeaderWt0	Annotation:Leader:Railroad (weight = 0)	0	RW-Leader / Continuous	0
X	B	rweng10	RRLeaderWt1	Annotation:Leader:Railroad (weight = 1)	0	RW-Leader / Continuous	1
X	B	rweng10	RRLeaderWt2	Annotation:Leader:Railroad (weight = 2)	0	RW-Leader / Continuous	2
101		rweng10	RRTextWt0	Annotation:Text:Railroad (weight = 0)	0	0 / Continuous	0
101		rweng10	RRTextWt1	Annotation:Text:Railroad (weight = 1)	0	0 / Continuous	1
101		rweng10	RRTextWt2	Annotation:Text:Railroad (weight = 2)	0	0 / Continuous	2
X	B	rweng10	RWandLA_Leader	Annotation:Leader:R/W & L/A (Proposed)	3	RW-Leader / Continuous	2
X	B	rweng10	RWandLA_Leader_ep	Annotation:Leader:R/W & L/A (Existing)	7	RW-Leader / Continuous	0
X		rweng10	RWandLA_StaTie	Annotation:Station Tie:R/W & L/A Lines (Proposed)	3	RW-ArrowTie / Continuous	2
X		rweng10	RWandLA_StaTie_ep	Annotation:Station Tie:R/W & L/A Lines (Existing)	7	RW-ArrowTie / Continuous	0
101		rweng10	RWandLA_Text	Annotation:Text:R/W & L/A Lines Taking Lines (Proposed)	3	0 / Continuous	2
101		rweng10	RWandLA_Text_ep	Annotation:Text:R/W & L/A Lines (Existing)	7	0 / Continuous	0
X		rweng10	RWandLA_WidthArrow	Annotation:Arrow:R/W & LA Width (Proposed)	3	RW-Dimension-Type2 / Continuous	2
X		rweng10	RWandLA_WidthArrow_ep	Annotation:Arrow:R/W & LA Width (Existing)	7	RW-Dimension-Type2 / Continuous	0
X		rweng10	RWLine	Right of Way Lines	4	RW-Proposed	3
X		rweng10	RWLine_ep	Right of Way Lines (Existing)	7	RW-Existing	0
X		rweng10	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2
X		rweng10	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
X		rweng10	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		rweng10	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		rweng10	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
X		rweng10	ScratchElements	Scratch:None Plotting Level for Draft Elements, Temporary Elements, Etc.	3	0 / Continuous	0
X		rweng10	ScratchLevel1	Scratch:Level for Undefined Items - weight of 1	0	0 / Continuous	1
X		rweng10	ScratchLevel2	Scratch:Level for Undefined Items - weight of 2	0	0 / Continuous	2
X		rweng10	ScratchLevel3	Scratch:Level for Undefined Items - weight of 3	0	0 / Continuous	3
101		rweng10	SegCurveData	Cell:Miscellaneous:Segmented Curve Data (Place on Text Symbology of Assoc. Element)	0	0 / Continuous	0
X		rweng10	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
X		rweng10	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
X		rweng10	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
X		rweng10	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
X		rweng10	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
X		rweng10	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
		rweng10	SheetLinesSignature_dp	Sheet Lines Signature	1	2 / DGN2	0
X	B	rweng10	SideStLeaderWt1	Annotation:Leader:Side Street (weight = 1)	0	RW-Leader / Continuous	1
X	B	rweng10	SideStLeaderWt2	Annotation:Leader:Side Street (weight = 2)	0	RW-Leader / Continuous	2
X		rweng10	SideStStaTie	Annotation:Station Tie:Side Street	0	RW-ArrowTie / Continuous	0
101		rweng10	SideStTextWt1	Annotation:Text:Side Street Curve Data, Curve & Coordinate Box Text	0	0 / Continuous	1
101		rweng10	SideStTextWt2	Annotation:Text:Side Street Data:Stations, Names, Leader Lines & Circles for (PC,PT,PI,POT)	0	0 / Continuous	2
X		rweng10	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
X		rweng10	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
101		rweng10	SubBlockNumberText	Cell:Miscellaneous:Subdivision:Text:Block Number Enter Data Field	5	0 / Continuous	2
X		rweng10	SubDivDelineator	Annotation:Subdivision Delineator Line for Subdivision Terminator	5	0 / Continuous	1
X		rweng10	SubDivLine	Subdivision Line (Existing)	5	0 / Continuous	0
101		rweng10	SubDivLineText	Annotation:Text:Subdivision: Lines & Vacated / Original Lot Lines (Existing)	5	0 / Continuous	0
101		rweng10	SubDivNameText	Annotation:Text:Subdivision: Plat Name (Existing)	5	0 / Continuous	2
X		rweng10	SubDivRW_WidthArrow	Annotation:Arrow:Subdivision	5	RW-Dimension-Type2 / Continuous	0
X		rweng10	SubDoubleArrow	Annotation:Subdivision: Boundary Arrows Double <<---->>	5	RW-Subdiv-Double	1
101		rweng10	SubLotNumberText	Annotation:Text:Subdivision: Lot Numbers	5	0 / Continuous	1
X		rweng10	SubSingleArrow	Annotation:Subdivision: Boundary Arrows <---->	5	RW-Subdiv-Single / Continuous	1
X		rweng10	SubSingleLTArrow	Annotation:Subdivision: Boundary Arrows Single Left <---	5	RW-Subdiv-SingleLeft / Continuous	1
X		rweng10	SubSingleRTArrow	Annotation:Subdivision: Boundary Arrows Single Right ---->	5	RW-Subdiv-SingleRight / Continuous	1
X		rweng10	SubTwoLTArrow	Annotation:Subdivision: Boundary Arrows Two Left <<---->	5	RW-Subdiv-DoubleLeft / Continuous	1
X		rweng10	SubTwoLTOOnlyArrow	Annotation:Subdivision: Boundary Arrows Two Left Only <<----	5	RW-Subdiv-DoubleLeftOnly / Continuous	1
X		rweng10	SubTwoRTArrow	Annotation:Subdivision: Boundary Arrows Two Right <---->>	5	RW-Subdiv-DoubleRight / Continuous	1
X		rweng10	SubTwoRTOOnlyArrow	Annotation:Subdivision: Boundary Arrows Two Right Only <---->>	5	RW-Subdiv-DoubleRightOnly / Continuous	1
X	B	rweng10	SubVacOrigLotLeader	Annotation:Leader:Subdivision:Lines & Vacated / Original Lot Lines (Existing)	5	RW-Leader / Continuous	0
X		rweng10	SubVacOrigLotLine	Subdivision Vacated or Original Lot Line (Existing)	5	5 / DGN5	0
X		rweng10	SubVacOrigLotStaTie	Annotation:Station Tie:Subdivision Vacated & Original Lot	5	RW-ArrowTie / Continuous	0
X	B	rweng10	SUEL_TIITF_Leader	Annotation:Leader:DEP:TIITF:Safe Upland Elevation Lines or Jurisdictional Lines	2	RW-Leader / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		rweng10	SUEL_TIITF_Line	DEP:TIITF:Safe Upland Elevation Lines or Jurisdictional Lines established by DEP methodology	2	RW-PerpetualEasement	3
X		rweng10	SUEL_TIITF_StaTie	Annotation:Station Tie:DEP:TIITF:Safe Upland Elevation Lines or Jurisdictional Lines	2	RW-ArrowTie / Continuous	2
101		rweng10	SUEL_TIITF_Text	Annotation:Text:DEP:TIITF:Safe Upland Elevation Lines or Jurisdictional Lines	2	0 / Continuous	2
X		rweng10	SUEL_TIITF_WidthArrow	Annotation:Arrow:DEP:TIITF:Safe Upland Elevation Lines or Jurisdictional Lines	2	RW-Dimension-Type2 / Continuous	2
	A	rweng10	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
101		rweng10	TabOwnshpText	Annotation:Text:Miscellaneous: Table of Ownerships	0	0 / Continuous	1
		rweng10	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		rweng10	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
X		rweng10	TextLabel	Text - Label	0	0 / Continuous	2
X		rweng10	TextMajor	Text - Major	0	0 / Continuous	5
X		rweng10	TextMinor	Text - Minor	0	0 / Continuous	0
X		rweng10	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
X		rweng10	TextNotes	Text - Notes	4	0 / Continuous	1
X		rweng10	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		rweng10	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
101		rweng10	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
X		rweng10	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
X		rweng10	TextTitle	Text - Title	0	0 / Continuous	3
		rweng10	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		rweng10	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
X		rweng10	TopoMisc_ep	Topography (Miscellaneous) (Existing)	0	3 / DGN3	1
101		rweng10	TopoText_ep	Annotation:Text:Miscellaneous: All Other Topographic Element Labels (Reference Files)	0	0 / Continuous	0
	A	rweng10	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
X		rweng10	WaterEdge	Annotation:Mapping Boundary for Rivers, Streams, or Lakes	7	RW-WaterMapBoundary / Continuous	0
	A	rweng10	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	rweng10	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	rweng10	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	rweng10	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
X		rweng10	XSPatternlines_ep	Cross Section Chain (Existing)	2	1 / DGN1	0

SPST10 - Structures

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
100		spst10	ActivePts-ConstElements	Active Points & Drawing Construction Elements	99	0 / Continuous	0
100	B	spst10	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
100		spst10	AppSlabConc	Concrete	2	0 / Continuous	3
100		spst10	AppSlabConc_h	Concrete Hidden	2	2 / DGN2	2
100		spst10	ArchBlocks	Architectural Blocks	0	0 / Continuous	0
100		spst10	BaseLineSurveyPGL	Baseline Survey or Profile Grade Line	3	6 / DGN6	0
100		spst10	BeamConc	Beams Concrete	2	0 / Continuous	3
100		spst10	BeamConc_h	Beams Concrete Hidden	2	2 / DGN2	2
		spst10	Bearings	Pot, Rocker, Masonry Plates	6	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
100		spst10	Bolts	Misc Bolts for Details	6	0 / Continuous	0
100		spst10	Bolts_h	Misc Bolts for Details - Hidden	6	1 / DGN1	0
100		spst10	Border	Border Elements & Text	0	0 / Continuous	1
100		spst10	Casework	Casework	1	0 / Continuous	1
100		spst10	Casework_h	Casework Hidden	1	3 / DGN3	0
100		spst10	Ceiling	Ceiling	0	0 / Continuous	1
100		spst10	Ceiling_h	Ceiling Hidden	0	3 / DGN3	0
100		spst10	CL_ConsSurvey	Centerline Construction or Centerline Survey	3	7 / DGN7	0
100		spst10	CL_Major	Use as needed	3	7 / DGN7	0
100		spst10	CL_Minor	Use as needed	0	4 / DGN4	0
100		spst10	ConcArch_walls	Concrete Architectural Walls	1	0 / Continuous	2
100		spst10	ConcArch_walls_h	Concrete Architectural Walls Hidden	1	3 / DGN3	1
100		spst10	CounterWeight	CounterWeight	2	0 / Continuous	0
100		spst10	CounterWeight_h	CounterWeight Hidden	2	2 / DGN2	2
100		spst10	DDConstruction	Dimension Driven Construction Lines	71	0 / Continuous	0
100		spst10	DDDDimensions	Dimension Driven Dimensions	71	0 / Continuous	0
100		spst10	DeckSteel	Steel Grid Bridge Decking	6	0 / Continuous	1
100		spst10	Dimension	Dimension Lines	0	0 / Continuous	0
100		spst10	Doors	Doors	1	0 / Continuous	1
100		spst10	Doors_h	Doors Hidden	1	3 / DGN3	0
100		spst10	DrainDeck	Scuppers, Deck Inlets	3	0 / Continuous	1
100		spst10	DrainMisc	Drainage Items (Miscellaneous)	10	0 / Continuous	1
100		spst10	DrainPipe	Drain Pipes PVC, Galvanized	10	0 / Continuous	1
100		spst10	DrShaftConc	Drilled Shaft Concrete	2	0 / Continuous	3
100		spst10	DrShaftConc_h	Drilled Shaft Concrete Hidden	2	2 / DGN2	2
100		spst10	ElectricalConduit	Electrical Conduit	7	0 / Continuous	0
100		spst10	ExistingMisc	Existing Misc.	3	1 / DGN1	0
100		spst10	ExistingRebar	Existing Reinforcing	84	1 / DGN1	0
100		spst10	ExistingUtility	Existing Utilities Electrical; FOC, Telephone, CableTV etc.	86	1 / DGN1	0
100		spst10	ExistSubStruct	Existing Bridge Substructure, Piers & Bents; Existing Piling	5	1 / DGN1	0
100		spst10	ExistSuperStruct	Existing Bridge Superstructure: Existing Beams & Diaphragms	5	1 / DGN1	0
		spst10	Ext_Misc	Exterior Miscellaneous	3	0 / Continuous	0
		spst10	Ext_Misc_h	Exterior Miscellaneous Hidden	3	3 / DGN3	0
100		spst10	Ext_Ornimental	Exterior Ornimentation	6	0 / Continuous	0
100		spst10	Ext_Ornimental_h	Exterior Ornimentation Hidden	6	3 / DGN3	0
100		spst10	Fascia	Fascia	4	0 / Continuous	1
100		spst10	Fascia_h	Fascia Hidden	4	3 / DGN3	0
100		spst10	FencePosts	Bridge Mounted Chain Link Fencing	6	0 / Continuous	1
100		spst10	Fencing	Bridge Mounted Chain Link Fencing	6	0 / Continuous	1
100		spst10	Fire_Equipment	Fire Equipment	1	0 / Continuous	1
100		spst10	Fire_Equipment_h	Fire Equipment Hidden	1	3 / DGN3	0
100		spst10	Floor	Floor	3	0 / Continuous	2
100		spst10	Floor_h	Floor Hidden	3	3 / DGN3	1
100		spst10	Furniture	Furniture	1	0 / Continuous	1
100		spst10	Furniture_h	Furniture Hidden	1	3 / DGN3	0
100		spst10	Glazing	Glazing	1	0 / Continuous	1
100		spst10	Glazing_h	Glazing Hidden	1	3 / DGN3	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
100		spst10	GroundLines	Proposed; Existing	2	0 / Continuous	1
		spst10	GSBWFill	GuidSign Black and White Fill Level for GuidSign Cells	0	0 / Continuous	1
		spst10	GSColorFill	GuidSign Color Fill Level for GuidSign Cells	2	0 / Continuous	1
		spst10	GSDims	GuidSign Dimensions	0	0 / Continuous	1
		spst10	GSOuline	GuidSign Outline Level for GuidSign Cells	0	0 / Continuous	2
		spst10	GSSign	GuidSign Panel and Tag	7	0 / Continuous	0
100		spst10	Guardrail	Guardrail and Post, Thrie and W Beam	1	0 / Continuous	1
100		spst10	Guardrail_h	Guardrail and Post, Thrie and W Beam -Hidden	1	1 / DGN1	1
100		spst10	Gypsum_board	Gypsum Board	1	0 / Continuous	1
100		spst10	Gypsum_board_h	Gypsum Board Hidden	1	3 / DGN3	0
100		spst10	HVAC_Equip	HVAC Equipment	5	0 / Continuous	2
100		spst10	HVAC_Equip_h	HVAC Equipment Hidden	5	5 / DGN5	1
100		spst10	HVAC_Misc	HVAC Miscellaneous	3	0 / Continuous	1
100		spst10	HVAC_Misc_h	HVAC Miscellaneous Hidden	3	5 / DGN5	0
100		spst10	HVAC_Return	HVAC Return	5	0 / Continuous	2
100		spst10	HVAC_Return_h	HVAC Return Hidden	5	2 / DGN2	1
100		spst10	HVAC_Supply	HVAC Supply	5	0 / Continuous	2
100		spst10	HVAC_Supply_h	HVAC Supply Hidden	5	3 / DGN3	1
100		spst10	Insulation	Insulation	3	0 / Continuous	1
100		spst10	Insulation_h	Insulation Hidden	3	3 / DGN3	0
100		spst10	Int_Mis_h	Interior Miscellaneous Hidden	3	3 / DGN3	0
100		spst10	Int_Misc	Interior Miscellaneous	3	0 / Continuous	1
100		spst10	Leader	Leader lines, Weld Symbols	0	0 / Continuous	0
100		spst10	LeafSteel	Leaf Structural Steel	6	0 / Continuous	0
100		spst10	LeafSteel_h	Leaf Structural Steel Hidden	6	2 / DGN2	2
100		spst10	Lighting	Lighting Bridge/Sign Mounted	31	0 / Continuous	0
100		spst10	Lighting_h	Lighting Bridge/Sign Mounted Hidden	31	2 / DGN2	0
100		spst10	LightingArch	Lighting Architectural	0	0 / Continuous	0
100		spst10	LightingArch_h	Lighting Architectural	0	0 / Continuous	2
100		spst10	MachineCompFixed	Machinery Components Fixed	7	0 / Continuous	2
100		spst10	MachineCompFixed_h	Machinery Components Fixed Hidden	7	2 / DGN2	1
100		spst10	MachineCompMoving	Machinery Components Moving	3	0 / Continuous	2
100		spst10	MachineCompMovng_h	Machinery Components Moving Hidden	3	2 / DGN2	1
100		spst10	MachineWeldments	Machine Weldments	4	0 / Continuous	2
100		spst10	MachineWeldments_h	Machine Weldments Hidden	4	2 / DGN2	1
100		spst10	Masonry	Masonry	3	0 / Continuous	1
100		spst10	Masonry_h	Masonry Hidden	3	3 / DGN3	0
100		spst10	Metal Framing	Metal Framing	4	0 / Continuous	1
100		spst10	Metal Framing_h	Metal Framing	4	3 / DGN3	0
		spst10	Miscellaneous	No defined symbology	3	0 / Continuous	1
100		spst10	NavLight	Navigational Lights	7	0 / Continuous	0
100		spst10	NavLight_h	Navigational Lights Hidden	7	2 / DGN2	0
		spst10	PadMisc	Bearing/Misc Pads	1	0 / Continuous	1
100		spst10	ParapetConc	Parapet Concrete	2	0 / Continuous	3
		spst10	Patterning	All; any	3	0 / Continuous	1
100		spst10	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
100		spst10	PedRail	Pedestrian Rail, Bullet,Picket and Guidrail	3	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
100		spst10	PedRailMisc	Handrail Hardware Bullet,Picket and Guidrail	3	0 / Continuous	1
100		spst10	PileConc	Piles Concrete	2	0 / Continuous	3
100		spst10	PileConc_h	Piles Concrete Hidden	2	2 / DGN2	2
100		spst10	PilePlastic	Pile Plastic	1	0 / Continuous	1
100		spst10	PilePlastic_h	Pile Plastic Hidden	1	2 / DGN2	2
100		spst10	PileSteel	Piles Steel H-Piles & Pipe	6	0 / Continuous	1
100		spst10	PileSteel_h	Piles Steel H-Piles & Pipe Hidden	6	2 / DGN2	1
100		spst10	PileTimber	Pile Timber	142	0 / Continuous	1
100		spst10	PileTimber_h	Pile Timber Hidden	142	2 / DGN2	1
100		spst10	PipeHydraulic	Hydraulic Pipe	7	0 / Continuous	1
100		spst10	PipeHydraulic_h	Hydraulic Pipe Hidden	7	2 / DGN2	0
100		spst10	PlotBorder_dp	Plot Border	3	0 / Continuous	0
100		spst10	Plumbing_Fixtures	Plumbing Fixtures	1	0 / Continuous	2
100		spst10	Plumbing_Fixtures_h	Plumbing Fixtures Hidden	1	5 / DGN5	1
100		spst10	Plumbing_Supply	Plumbing Supply	1	0 / Continuous	2
100		spst10	Plumbing_Supply_h	Plumbing Supply Hidden	1	3 / DGN3	1
100		spst10	Plumbing_Waste	Plumbing Waste	1	0 / Continuous	2
100		spst10	Plumbing_Waste_h	Plumbing Waste Hidden	1	2 / DGN2	1
100		spst10	PostTension	Post-Tensioning SteelStrands and Bars	6	0 / Continuous	1
100		spst10	PostTension_h	Post-Tensioning Steel HiddenStrands and Bars	6	2 / DGN2	1
		spst10	PostTension2	Post-Tensioning SteelStrands and Bars	46	0 / Continuous	1
		spst10	PostTension2_h	Post-Tensioning SteelStrands and Bars	46	0 / Continuous	1
		spst10	PostTension3	Post-Tensioning SteelStrands and Bars	46	0 / Continuous	1
		spst10	PostTension3_h	Post-Tensioning SteelStrands and Bars	46	0 / Continuous	1
100		spst10	PostTensionDucts	Post Tension Ducts Plastic and Metal	1	0 / Continuous	1
100		spst10	PostTensionGrout	Post Tension Grout	2	0 / Continuous	1
100		spst10	PostTensionMisc	Post Tensioning Hardware, Trumpets, Vents and Misc. Items	1	0 / Continuous	1
100		spst10	PrestressSteel	Prestressing Steel	36	0 / Continuous	1
100		spst10	PrestressSteel_h	Prestressing Steel Hidden	36	2 / DGN2	1
100		spst10	RailingArch	Railing Architectural	6	0 / Continuous	2
100		spst10	RailingArch_h	Railing Architectural Hidden	6	3 / DGN3	1
100		spst10	RailRoad	Rail road	3	RD-Railroad-Existing	0
100		spst10	Rebar	Reinforcing Major	4	0 / Continuous	1
		spst10	Rebar_h	Reinforcing Hidden	4	2 / DGN2	1
		spst10	Rebar10	Auxillary Rebar	4	0 / Continuous	1
		spst10	Rebar11	Auxillary Rebar	4	0 / Continuous	1
		spst10	Rebar2	Auxillary Rebar	4	0 / Continuous	1
		spst10	Rebar3	Auxillary Rebar	4	0 / Continuous	1
		spst10	Rebar4	Auxillary Rebar	4	0 / Continuous	1
		spst10	Rebar5	Auxillary Rebar	4	0 / Continuous	1
		spst10	Rebar6	Auxillary Rebar	4	0 / Continuous	1
		spst10	Rebar7	Auxillary Rebar	4	0 / Continuous	1
		spst10	Rebar8	Auxillary Rebar	4	0 / Continuous	1
		spst10	Rebar9	Auxillary Rebar	4	0 / Continuous	1
100		spst10	Roof_Misc	Roof Miscellaneous	3	0 / Continuous	1
100		spst10	Roof_Misc_h	Roof Miscellaneous Hidden	3	2 / DGN2	0
100		spst10	Roof_Structure	Roof Structure	4	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
100		spst10	Roof_Structure_h	Roof Structure Hidden	4	3 / DGN3	1
100		spst10	Roofing	Roofing	4	0 / Continuous	1
100		spst10	Roofing_h	Roofing Hidden	4	2 / DGN2	0
100		spst10	RW_Line	Right of Way lines	3	{ Chain Double-Dash } / Phantom	1
100		spst10	SchemElectric	Electrical Schematic	7	0 / Continuous	1
100		spst10	SchemElectricProp	Electrical Schematic Proposed	7	0 / Continuous	1
100		spst10	SchemHydraulicAux	Hydraulic Schematic Auxillary	4	0 / Continuous	1
100		spst10	SchemHydraulicMain	Hydraulic Schematic Main	7	0 / Continuous	1
100		spst10	SchemTextLine	Schematic Text Line	0	0 / Continuous	1
100		spst10	SchemTextRung	Schematic Text Rung	4	0 / Continuous	1
100		spst10	SheetPileConc	Wall Sheet Precast	2	0 / Continuous	3
100		spst10	SheetPileConc_h	Wall Sheet Precast Hidden	2	2 / DGN2	2
100		spst10	SheetPileSteel	Wall Sheet Pile Steel	6	0 / Continuous	1
100		spst10	SheetPileSteel_h	Wall Sheet Pile Steel Hidden	6	2 / DGN2	2
100		spst10	Signage	Bridge Mounted Signs and Cantilever Sign Structures	6	0 / Continuous	1
100		spst10	Signage_h	Bridge Mounted Signs and Cantilever Sign Structures Hidden	6	2 / DGN2	1
100		spst10	SignageArch	Signage Architectural	0	0 / Continuous	1
100		spst10	SignageArch_h	Signage Architectural Hidden	0	3 / DGN3	0
100		spst10	SignMisc	Sign Miscellaneous Plates and Hardware	3	0 / Continuous	1
100		spst10	SignMisc_h	Sign Miscellaneous Plates and Hardware Hidden	3	2 / DGN2	1
100		spst10	SlopeProtection	Sand Cement Riprap, Slope Pavement; Rubble Riprap	3	0 / Continuous	3
100		spst10	SlopeProtection_h	Sand Cement Riprap, Slope Pavement; Rubble Riprap Hidden	3	2 / DGN2	3
100		spst10	Soffit	Soffit	4	0 / Continuous	1
100		spst10	Soffit_h	Soffit Hidden	4	3 / DGN3	0
100		spst10	Stairs	Stairs	6	0 / Continuous	2
100		spst10	Stairs_h	Stairs Hidden	6	3 / DGN3	1
100		spst10	SteelArch_Misc	Steel Architectural Miscellaneous	4	0 / Continuous	1
100		spst10	SteelArch_Misc_h	Steel Architectural Miscellaneous Hidden	4	3 / DGN3	0
100		spst10	SteelDiapXFram	Steel Diaphragms and Cross Frames	6	0 / Continuous	1
100		spst10	SteelDiapXFram_h	Steel Diaphragms and Cross Frams Hidden	6	2 / DGN2	0
100		spst10	SteelGirder	Steel Girder, Stringers, Trusses	6	0 / Continuous	1
100		spst10	SteelGirder_h	Steel Girder Stringers, Trusses Hidden,	6	2 / DGN2	0
100		spst10	SteelMisc	Steel Miscellaneous Stiffeners, Plates, Bolts etc.	6	0 / Continuous	1
100		spst10	SteelMisc_h	Steel Miscellaneous Hidden Stiffeners, Plates, Bolts etc.	6	2 / DGN2	0
		spst10	StrMisc	Structural Miscellaneous	3	0 / Continuous	1
		spst10	StrMisc_h	Structural Miscellaneous Hidden	3	2 / DGN2	1
		spst10	StrMiscConc	Structural Miscellaneous Concrete	2	0 / Continuous	3
		spst10	StrMiscConc_h	Structural Miscellaneous Concrete Hidden	2	2 / DGN2	2
100		spst10	Stucco	Stucco	1	0 / Continuous	0
100		spst10	Stucco_h	Stucco Hidden	1	3 / DGN3	0
100		spst10	SubStrConc	Substructure Concrete	2	0 / Continuous	3
100		spst10	SubStrConc_h	Substructure Concrete Hidden	2	2 / DGN2	3
100		spst10	SubStrConc2	Substructure Concrete Misc	2	0 / Continuous	3
100		spst10	SubStrConc2_h	Substructure Concrete Misc Hidden	2	2 / DGN2	3
100		spst10	SupstrConc	Concrete Deck, Segmental Box	2	0 / Continuous	3
100		spst10	SupstrConc_h	Concrete Deck, Segmental BoxHidden	2	2 / DGN2	2
100		spst10	SupstrConc2	Concrete Diaphragms, etc	2	0 / Continuous	3

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
100		spst10	SupstrConc2_h	Concrete Diaphragms, etc Hidden	2	2 / DGN2	2
100		spst10	Symbols	All Symbols not covered by Structures Site Menu	0	0 / Continuous	1
100		spst10	SymbolsElectric	Electrical Symbols	0	0 / Continuous	1
100		spst10	Tables	Data Tables and All Autodesk Tables	0	0 / Continuous	1
100		spst10	TextNotes	Text - Notes	0	0 / Continuous	0
100		spst10	TextRdwyInitials	Text - Roadway Initials	0	0 / Continuous	1
100		spst10	TextStructShtNo	Sheet Number for Structures border sheet numbers	0	0 / Continuous	0
100		spst10	TextStructures	Structures Text	0	0 / Continuous	0
100		spst10	TextStructuresLabel	Used By Sheet Navigator	0	0 / Continuous	0
100		spst10	TrafBarrierConc	Traffic Barrier Concrete	2	0 / Continuous	3
100		spst10	UtilityCableTV	UtilityCableTV	6	0 / Continuous	0
100		spst10	UtilityFiberOptics	UtilityFiberOptics	6	0 / Continuous	0
100		spst10	UtilityGasMain	UtilityGasMain	0	0 / Continuous	0
100		spst10	UtilityPower	UtilityPower	2	0 / Continuous	0
100		spst10	UtilitySewer	UtilitySewer	3	0 / Continuous	0
100		spst10	UtilityTelephone	UtilityTelephone	6	0 / Continuous	0
100		spst10	UtilityWater	UtilityWater	7	0 / Continuous	0
	A	spst10	Viewport	Viewport (for AutoCAD use)	3	0 / Continuous	0
100		spst10	Walkways-Ladders	Steel Ladder & Walkway Components; Timber, Steel, Plastic Landings & Catwalks	6	0 / Continuous	1
100		spst10	WallConc	Wall Coping Concrete	2	0 / Continuous	3
100		spst10	WallConc_h	Wall Coping Concrete Hidden	2	2 / DGN2	2
100		spst10	WallHardware	Wall Hardware	3	0 / Continuous	0
100		spst10	WallMSEPanel	Wall MSE Panels	2	0 / Continuous	3
100		spst10	WallMSEPanel_h	Wall MSE Panels Hidden	2	2 / DGN2	2
100		spst10	WallsArch	Interior Walls	6	0 / Continuous	2
100		spst10	WallsArch_h	Interior Walls Hidden	6	3 / DGN3	1
100		spst10	WallSoundConc	Precast Soundwall Concrete	2	0 / Continuous	3
100		spst10	WallSoundConc_h	Precast Soundwall Concrete Hidden	2	2 / DGN2	2
100		spst10	WallTempCritical	Wall Temporary Critical	3	0 / Continuous	1
100		spst10	WallTempCritical_h	Wall Temporary CriticalHidden	3	2 / DGN2	1
100		spst10	WaterLines	Water Line, Symbol	15	0 / Continuous	1
100		spst10	Whaler	Whalers, Timber,Plastic	142	0 / Continuous	1
100		spst10	Windows	Windows	3	0 / Continuous	2
100		spst10	Windows_h	Windows Hidden	3	3 / DGN3	1
100		spst10	Wood	Wood	142	0 / Continuous	1
100		spst10	Wood_h	Wood Hidden	142	3 / DGN3	0

SURVRD - Survey Development Model

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		survrd	AccessRamp_ep	Accessible Ramps (Buildings, Docks, Sidewalks, etc.) (Not Curbs) (Existing)	0	2 / DGN2	0	L	RAMP
		survrd	AgricultField_ep	Agricultural Field or Farmland (Not Groves or Orchards) (Existing)	2	3 / DGN3	0	L	AGF
		survrd	AirCondition_ep	Air Conditioning Unit (Existing)	7	2 / DGN2	0	P	ACU
		survrd	Antenna_ep	Antenna (Existing)	3	1 / DGN1	1	P	ANT

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point /Line	Feature Code
		survrd	ArchSite_ep	Archeological Site (Existing)	2	0 / Continuous	1	L	ARST
		survrd	AreaObscured_ep	Obscured Area (Existing)	3	2 / DGN2	0	L	OBSC
		survrd	Attenuator_ep	Attenuation Systems (Existing)	0	0 / Continuous	1	L	ATTN
		survrd	BankMent_ep	Embankment (Manmade, Top or Bottom) (Existing)	9	3 / DGN3	0	L	BNK
		survrd	BaselineSurvey	Baseline Survey	0	0 / Continuous	2		
		survrd	Basins_ep	Sediment Basin, Retention Ponds (Existing)	10	3 / DGN3	1	L	BAS
		survrd	Beacons_ep	Beacons and Path Illumination (Existing)	0	0 / Continuous	1	P	BN
		survrd	Bench_ep	Bench (Existing)	8	DGN1	0	P	BNCH
		survrd	BikeRack_ep	Bicycle Rack (All Sizes) (Existing)	9	DGN2	0	P	BKRK
		survrd	BLSurveyCntrl_ep	Baseline Survey Control (Existing)	0	0 / Continuous	2	L	BLC
		survrd	BLSurveyField_ep	Baseline Field Survey (Calculated from BLC) (Existing)	0	0 / Continuous	2	L	BL
		survrd	BLSurveySymb_ep	Baseline Survey Symbol (Existing)	0	0 / Continuous	0		
X		survrd	Bollard_ep	Bollards (Existing)	0	2 / DGN2	1	P	BOL
		survrd	BoxCulvert_ep	Box Culverts (Existing)	10	3 / DGN3	1	L	BXC
		survrd	Bridge_ep	Bridge Approaches and Slabs (Existing)	0	3 / DGN3	1	L	APRS
		survrd	BridgeEle_ep	Bridge Elements (Existing)	0	1 / DGN1	0	L	BRDG
X		survrd	Building_ep	Buildings (Existing)	1	0 / Continuous	0	L	BLDG
		survrd	BuildingOH_ep	Building Roof Overhang (Encroachments) (Existing)	1	1 / DGN1	0	L	BOH
		survrd	Buoy_ep	Buoy (Existing)	7	0 / Continuous	0	P	BUOY
		survrd	BusStop_ep	Bus Stop (Chain for Larger Structures) (Existing)	8	2 / DGN2	0	L	BSTP
		survrd	CableBarrier_ep	Cable Barrier (Existing)	0	RD-CableBarrier	1	L	CBR
		survrd	Campstove_ep	Campstove, Grill, Firepit, BBQ (Existing)	9	2 / DGN2	0	P	CMPST
		survrd	Canal_ep	Canal, Lock (Existing)	7	3 / DGN3	0	L	CAN
		survrd	Canopy_ep	Shelters of All Kinds (Gas Station, Toll Plaza, Etc.) (Existing)	0	2 / DGN2	0	L	CNPY
		survrd	CatchBasin_ep	Catch Basins (Existing)	10	3 / DGN3	1	L	CB
		survrd	CattleGuard_ep	Cattle Guard (Existing)	7	1 / DGN1	0	P	CGD
		survrd	CATVAer_ep	Cable TV Line (Aerial) (Existing)	6	UT-OverheadCable-Existing	1	L	CATV
		survrd	CATVBurB_ep	Cable TV Line Quality Level A Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(B)	1	L	BCATVA
		survrd	CATVBurB_ep	Cable TV Line Quality Level B Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(B)	1	L	BCATVB
		survrd	CATVBurC_ep	Cable TV Line Quality Level C Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(C)	1	L	BCATVC
		survrd	CATVBurD_ep	Cable TV Line Quality Level D Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(D)	1	L	BCATVD
		survrd	CATVCondBurB_ep	Cable TV Conduit System Quality Level A Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(B)	1	L	CATVCA
		survrd	CATVCondBurB_ep	Cable TV Conduit System Quality Level B Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(B)	1	L	CATVCB
		survrd	CATVCondBurC_ep	Cable TV Conduit System Quality Level C Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(C)	1	L	CATVCC
		survrd	CATVCondBurD_ep	Cable TV Conduit System Quality Level D Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(D)	1	L	CATVCD
		survrd	CATVMisc_ep	Cable TV Service Box and Miscellaneous, Pole (Existing)	6	1 / DGN1	1	P	CATVS
		survrd	Cemetery_ep	Cemetery, Grave Outlines (Existing)	0	DGN2	0	L	CEM
		survrd	CGBack_ep	Curb and Gutter (Back) (Existing)	4	3 / DGN3	0	L	CGB
		survrd	CGep_ep	Curb / Curb and Gutter (at EP & FL) (Existing)	0	3 / DGN3	0	L	CG
		survrd	CGFace_ep	Face of Curb and Gutter (Existing)	4	3 / DGN3	0	L	CGF
		survrd	ConcSlabs_ep	Concrete Slabs (Existing)	0	1 / DGN1	1	L	CSL
		survrd	ConduitB_ep	Utility Conduit & Encasements Quality Level A Locate (Existing)	3	UT-Casing-Existing(B)	1	L	DUCTA

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		survrd	ConduitB_ep	Utility Conduit & Encasements Quality Level B Locate (Existing)	3	UT-Casing-Existing(B)	1	L	DUCTB
		survrd	ConduitC_ep	Utility Conduit & Encasements Quality Level C Locate (Existing)	3	UT-Casing-Existing(C)	1	L	DUCTC
		survrd	ConduitD_ep	Utility Conduit & Encasements Quality Level D Locate (Existing)	3	UT-Casing-Existing(D)	1	L	DUCTD
		survrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0		
X		survrd	ContoursMajor_ep	Contour Lines Major (Existing)	3	1 / DGN1	1		
X		survrd	ContoursMinor_ep	Contour Lines Minor (Existing)	4	1 / DGN1	1		
		survrd	Conveyor_ep	Conveyor Belt Systems (All Types) (Industrial, Agricultural, etc.) (Existing)	0	2 / DGN2	0	L	CONV
		survrd	Core_ep	Core Sample or Test Hole (Existing)	9	0 / Continuous	0	P	CSH
		survrd	CurbRamp_ep	Curb Cut Ramp (Existing)	2	3 / DGN3	0	L	CCR
		survrd	CurbRampWarning_ep	Detectable Warnings on Curb Ramps (Existing)	4	3 / DGN3	0	L	CRW
		survrd	CurveDataLabel_dp	Curve Data Labels PC, PI, PT	0	0 / Continuous	2		
		survrd	Deck_ep	Deck / Porch (Existing)	7	1 / DGN1	0	L	DECK
		survrd	DelineatorPost_ep	Delineator Post, Existing Metal and Flexible (Existing)	4	1 / DGN1	1	P	DLP
		survrd	Ditch_ep	Ditch (Top, Bottom and Flow Lines) (Existing)	7	6 / DGN6	0	L	DTCH
		survrd	DitchPavt_ep	Ditch Pavement (Existing)	0	1 / DGN1	0	L	DTCHP
		survrd	Docks_ep	Docks and Wharfs (Existing)	0	1 / DGN1	0	L	DOCK
		survrd	Dolphins_ep	Dolphins and Fenders (Existing)	7	1 / DGN1	0	P	DF
		survrd	DrainGrate_ep	Metal Drainage Grate within Concrete Structure (Existing)	10	1 / DGN1	1	L	GRT
		survrd	DrainJunctBox_ep	Drainage Junction Box (Existing)	10	3 / DGN3	1	L	JB
		survrd	DrainMisc_ep	Drainage Items (Miscellaneous)	10	3 / DGN3	1		
		survrd	DrainPipes_ep	Drainage Pipes and Spouts (Existing)	10	3 / DGN3	1	L	DRNP
		survrd	DrainSpecial_ep	Special Drainage Feature (Describe) (Existing)	10	3 / DGN3	1	L	SPD
		survrd	DrainSpillway_ep	Spillways, Flumes or Scuppers (Existing)	10	3 / DGN3	1	L	SPL
		survrd	Driveway_ep	Driveway (Drive, Lane, Turnouts) (Existing)	7	3 / DGN3	0	L	DWY
X		survrd	DTM_ex	Digital Terrain Model on Cross Sections (Existing)	2	2 / DGN2	1		
		survrd	DTMBoundary_ep	Digital Terrain Model (DTM) Boundary (Existing)	2	0 / Continuous	0	L	EXIST
X		survrd	DTMVertices_ep	Digital Terrain Model, Triangle Vertices (Existing)	0	0 / Continuous	1		
		survrd	DummyChains_ep	Dummy Chains (Existing)	0	0 / Continuous	1	L	DUMB
X		survrd	EaseLine_ep	Easement Lines (Existing)	1	2 / DGN2	0	L	ESMT
X		survrd	EasePerpLine	Easement Lines Perpetual	4	RW-PerpetualEasement	2	L	PE
X		survrd	EaseTempLine	Easement Lines Temporary (Proposed)	6	RW-TemporaryEasement	1	L	TESMTP
X		survrd	EaseTempLine_ep	Easement Lines Temporary (Existing)	6	RW-TemporaryEasement	1	L	TESMT
		survrd	ElecAer_ep	Electrical Conductors (Distribution & Transmission) (Aerial) (Existing)	3	UT-OverheadElec-Existing	1	L	PWR
		survrd	ElecAerHVL_ep	High Voltage Transmission Lines (Existing)	3	UT-OverheadElec-Existing	1	L	HVL
		survrd	ElecAerPri_ep	Conductors (Primary Distribution) (Aerial) (Existing)	3	UT-OverheadElec-Existing	1	L	PRI
		survrd	ElecAerSec_ep	Conductors (Secondary Distribution) (Aerial) (Existing)	3	UT-OverheadElec-Existing	1	L	SEC
		survrd	ElecBurB_ep	Electrical Quality Level A Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1	L	BPWRA
		survrd	ElecBurB_ep	Electrical Quality Level B Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1	L	BPWRB
		survrd	ElecBurC_ep	Electrical Quality Level C Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(C)	1	L	BPWRC
		survrd	ElecBurD_ep	Electrical Quality Level D Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(D)	1	L	BPWRD
		survrd	ElecBurPriB_ep	Conductors (Primary Distribution) Quality Level A Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1	L	TRANSA

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		survrd	ElecBurPriB_ep	Conductors (Primary Distribution) Quality Level B Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1	L	TRANSB
		survrd	ElecBurPriC_ep	Conductors (Primary Distribution) Quality Level C Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(C)	1	L	TRANSC
		survrd	ElecBurPriD_ep	Conductors (Primary Distribution) Quality Level D Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(D)	1	L	TRANSD
		survrd	ElecBurSecB_ep	Conductor (Secondary Distribution) Quality Level A Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1	L	BSECA
		survrd	ElecBurSecB_ep	Conductor (Secondary Distribution) Quality Level B Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1	L	BSECB
		survrd	ElecBurSecC_ep	Conductor (Secondary Distribution) Quality Level C Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(C)	1	L	BSECC
		survrd	ElecBurSecD_ep	Conductor (Secondary Distribution) Quality Level D Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(D)	1	L	BSECD
		survrd	ElecCAPA_ep	Capacitors (Aerial) (Existing)	3	1 / DGN1	1	L	CAPA
		survrd	ElecCAPB_ep	Capacitors (Buried) (Existing)	3	1 / DGN1	1	L	CAPB
		survrd	ElecFuse_ep	Fuses (Existing)	3	1 / DGN1	1	L	FUSE
		survrd	ElecMisc_ep	Regulators, Reclosures, Sectionalizers, Pedestals, Test Cells, Electric Test & Miscellaneous	3	1 / DGN1	1		
		survrd	ElecMultiCtrl_ep	Electric Control Panel (Large Panels with Multiple Controls) (Existing)	3	1 / DGN1	1	L	ECP
		survrd	ElecOutlet_ep	Electrical Outlet (Existing)	3	1 / DGN1	1	P	ELEO
		survrd	ElecServBox_ep	Electric Service Box (Large) (Existing)	3	1 / DGN1	1	L	ELECS
		survrd	EndangeredL_ep	Endangered Species Line	4	0 / Continuous	1	L	ESL
		survrd	EndangeredP_ep	Endangered Species Point	4	2 / DGN2	2	P	ESP
		survrd	EndTreatFES_ep	Flared End Section (Existing)	10	3 / DGN3	1	L	FES
		survrd	EndTreatMES_ep	Mitered End Section (Existing)	10	3 / DGN3	1	L	MES
		survrd	EndTreatSEW_ep	Straight Endwall (Existing)	10	3 / DGN3	1	L	SEW
		survrd	EndTreatSPEW_ep	Special Endwall (Existing)	10	3 / DGN3	1	L	SPEW
		survrd	EndTreatUEW_ep	U-Type Endwall (Existing)	10	3 / DGN3	1	L	UEW
		survrd	EndTreatWEW_ep	Winged End wall (Existing)	10	3 / DGN3	1	L	WEW
		survrd	Fence_ep	Fence (All) (Existing)	6	RD-Fence	0	L	FNC
		survrd	FireHydrant_ep	Fire Hydrant (Existing)	1	1 / DGN1	1	P	FH
		survrd	FlagPole_ep	Flag Pole (Existing)	8	1 / DGN1	0	P	FP
		survrd	FloodLight_ep	Flood Light (Existing)	3	1 / DGN1	1	P	FLD
X		survrd	FlowArrow_ep	Digital Terrain Model, Triangle Flow Arrows (Existing)	10	0 / Continuous	1		
		survrd	FlowLine_ep	Ditch Flow Line Direction (Ditches, Swells, etc.) (Existing)	0	RD-FlowLine	1	L	DFL
		survrd	FlowlineInvert_ep	Flow Line or Invert Elevations (Existing)	4	0 / Continuous	0	P	INV
		survrd	FOCAer_ep	Fiber Optics Cable (Aerial) (Existing)	6	UT-OverheadFOC-Existing	1	L	FOC
		survrd	FOCBurB_ep	Fiber Optics Cable Quality Level A Locate (Buried) (Existing)	6	UT-BuriedFOC(B)-Existing	1	L	FOCUA
		survrd	FOCBurB_ep	Fiber Optics Cable (Underground) Quality Level B Locate	6	UT-BuriedFOC(B)-Existing	1	L	FOCUB
		survrd	FOCBurC_ep	Fiber Optics Cable (Underground) Quality Level C Locate	6	UT-BuriedFOC(C)-Existing	1	L	FOCUC
		survrd	FOCBurD_ep	Fiber Optics Cable (Underground) Quality Level D Locate	6	UT-BuriedFOC(D)-Existing	1	L	FOCUD
		survrd	FOEAer_ep	Fiber Optics Electrical (Aerial) (Existing)	3	UT-OverheadFOE-Existing	1	L	FOP
		survrd	FOEBurB_ep	Fiber Optics Electrical Quality Level A Locate (Buried) (Existing)	3	UT-BuriedFOE(B)-Existing	1	L	FOPUA
		survrd	FOEBurB_ep	Fiber Optics Electrical Quality Level B Locate (Buried) (Existing)	3	UT-BuriedFOE(B)-Existing	1	L	FOPUB

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		survrd	FOEBurC_ep	Fiber Optics Electrical Quality Level C Locate (Buried) (Existing)	3	UT-BuriedFOE(C)-Existing	1	L	FOPUC
		survrd	FOEBurD_ep	Fiber Optics Electrical Quality Level D Locate (Buried) (Existing)	3	UT-BuriedFOE(D)-Existing	1	L	FOPUD
		survrd	FOTAer_ep	Fiber Optics Telephone (Aerial) (Size Unknown) (Existing)	6	UT-OverheadFOT-Existing	1	L	FO
		survrd	FOTBurB_ep	Fiber Optics Telephone Quality Level A Locate (Buried) (Size Unknown) (Existing)	6	UT-BuriedFOT(B)-Existing	1	L	FOUA
		survrd	FOTBurB_ep	Fiber Optics Telephone Quality Level B Locate (Buried) (Size Unknown) (Existing)	6	UT-BuriedFOT(B)-Existing	1	L	FOUB
		survrd	FOTBurC_ep	Fiber Optics Telephone Quality Level C Locate (Buried) (Size Unknown) (Existing)	6	UT-BuriedFOT(C)-Existing	1	L	FOUC
		survrd	FOTBurD_ep	Fiber Optics Telephone Quality Level D Locate (Buried) (Size Unknown) (Existing)	6	UT-BuriedFOT(D)-Existing	1	L	FOUD
		survrd	FOTVBurB_ep	Fiber Optics Television Quality Level A Locate (Buried) (Existing)	6	UT-BuriedFOC(B)-Existing	1	L	FOTVUA
		survrd	FOTVBurB_ep	Fiber Optics Television Quality Level B Locate (Buried) (Existing)	6	UT-BuriedFOC(B)-Existing	1	L	FOTVUB
		survrd	FOTVBurC_ep	Fiber Optics Television Quality Level C Locate (Buried) (Existing)	6	UT-BuriedFOC(C)-Existing	1	L	FOTVUC
		survrd	FOTVBurD_ep	Fiber Optics Television Quality Level D Locate (Buried) (Existing)	6	UT-BuriedFOC(D)-Existing	1	L	FOTVUD
		survrd	Furnace_ep	Incinerator, Boiler, or Furnace (Existing)	8	1 / DGN1	0	P	INCN
		survrd	GasB_ep	Gas Line (All Sizes) Quality Level A Locate (Existing)	4	UT-Gas-Existing(B)	1	L	GASA
		survrd	GasB_ep	Gas Line (All Sizes) Quality Level B Locate (Existing)	4	UT-Gas-Existing(B)	1	L	GASB
		survrd	GasC_ep	Gas Line (All Sizes) Quality Level C Locate (Existing)	4	UT-Gas-Existing(C)	1	L	GASC
		survrd	GasD_ep	Gas Line (All Sizes) Quality Level D Locate (Existing)	4	UT-Gas-Existing(D)	1	L	GASD
		survrd	GasReg_ep	Gas Regulator (Existing)	4	1 / DGN1	1	P	RG
		survrd	GasTestMisc_ep	Gas Test & Miscellaneous (Existing)	4	1 / DGN1	1	L	GTM
		survrd	Gates_ep	Gates (Existing)	7	3 / DGN3	0	L	GT
		survrd	Gauges_ep	Gauges (Existing)	0	1 / DGN1	1	P	GA
		survrd	GlareScrn_ep	Glare Screen & Blinds (Existing)	0	{ curtain } / RD-Curtain	0	L	GS
		survrd	Golf_ep	Golf Course Features (All Types) (Existing)	0	2 / DGN2	0	L	GOLF
X		survrd	GovCityLimitLine_ep	Government: City Limit Line (Existing)	3	RW-CityLimit-Type 1	0	L	CYL
X		survrd	GovCountyLine_ep	Government: County Line (Existing)	3	RW-CountyLine	3	L	COL
X		survrd	GovGrantLine_ep	Government: Grant Line (Existing)	3	RW-GrantLine	2	L	GRTL
X		survrd	GovLotLine_ep	Government: Lot Line (Existing)	3	0 / Continuous	0	L	LOTLN
X		survrd	GovMeanderLine_ep	Government: Meander Line (Existing)	3	3 / DGN3	1	L	MEDRL
X		survrd	GovParkLine_ep	Government: National or State Park or Forest Line (Existing)	2	RW-NatStParkForest-Type1	0	L	NSPF
X		survrd	GovQtrQtrLine_ep	Government: Quarter / Quarter Section Line (Existing)	3	RW-QuarterSection	0	L	QQTRS
X		survrd	GovQtrSectCnrEW_ep	Government: 1/4 Section Corner E or W (Existing)	3	0 / Continuous	0	P	QTREW
X		survrd	GovQtrSectCnrNS_ep	Government: 1/4 Section Corner N or S (Existing)	3	0 / Continuous	0	P	QTRNS
X		survrd	GovQuarterLine_ep	Government: Quarter Section Line (Existing)	3	RW-QuarterSection	1	L	QTRS
X		survrd	GovSectionLine_ep	Government: Section Lines (Existing)	10	RW-SectionLine	2	L	SECT
X		survrd	GovStateLine_ep	Government: State Line (Existing)	2	RW-StateLine	3	L	STL
X		survrd	GovTwpRgeLine_ep	Township / Range Lines (Existing)	10	RW-TownshipRange	2	L	TWP
		survrd	GroundBrkLine_ep	Ground Break Line (Not Slopes or Embankments) (Existing)	9	3 / DGN3	0	L	GBRK
		survrd	GroundShot_ep	Ground Shot for Digital Terrain Model Densification (Existing)	2	0 / Continuous	0	P	GND
		survrd	GroundShotSilt_ep	Top Elevation of Muck or Silt (Soft Bottom Soundings)	6	0 / Continuous	0	P	SILT
		survrd	GuardrailDbl_ep	Guardrail Double Face (Existing)	0	RD-Guardrail-Double	0	L	GRDBL
		survrd	GuardrailLt_ep	Guardrail Left (Existing)	0	RD-Guardrail-Left	0	L	GRL

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		survrd	GuardrailRt_ep	Guardrail Right (Existing)	0	RD-Guardrail-Right	0	L	GRR
		survrd	GuyWireAnchor_ep	Guy Anchor (Existing)	3	1 / DGN1	1	P	GYA
		survrd	GuyWirePole_ep	Guy Pole (Dead-Man) (Existing)	3	1 / DGN1	1	P	GYP
		survrd	GuyWireSpan_ep	Span Guys (Existing)	3	1 / DGN1	1	L	GYS
		survrd	HazardWaste_ep	Potential Hazardous Waste Site (Old Gas Stations, Dry Cleaners, etc.) (Existing)	4	0 / Continuous	0	P	PHW
		survrd	Hole_ep	Empty Hole Test Hole (Existing)	8	1 / DGN1	0	P	HOLE
		survrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0		
		survrd	InletBottom_ep	Drainage Structure Bottoms (Existing)	10	3 / DGN3	1	L	DRNB
		survrd	InletCurb_ep	Curb Inlets (Existing)	10	3 / DGN3	1	L	CINL
		survrd	InletDBL_ep	Ditch Bottom Inlet (Existing)	10	3 / DGN3	1	L	DTCHI
		survrd	InletGutter_ep	Gutter Inlets (All Types) (Existing)	10	3 / DGN3	1	L	GI
		survrd	InletMedian_ep	Median Inlets (Existing)	10	3 / DGN3	1	L	MEDI
		survrd	ITSCamera_ep	Intelligent Transportation System (ITS) Closed Caption TV Camera Pole (Existing)	3	1 / DGN1	0	P	ITCP
		survrd	ITSFiberCableB_ep	Intelligent Transportation System (ITS) Fiber Cable Quality Level A Locate (Buried) (Existing)	0	UT-BuriedFOC(B)-Existing	1	L	ITFCA
		survrd	ITSFiberCableB_ep	Intelligent Transportation System (ITS) Fiber Cable Quality Level B Locate (Buried) (Existing)	0	UT-BuriedFOC(B)-Existing	1	L	ITFCB
		survrd	ITSFiberCableC_ep	Intelligent Transportation System (ITS) Fiber Cable Quality Level C Locate (Buried) (Existing)	0	UT-BuriedFOC(C)-Existing	1	L	ITFCC
		survrd	ITSFiberCableD_ep	Intelligent Transportation System (ITS) Fiber Cable Quality Level D Locate (Buried) (Existing)	0	UT-BuriedFOC(D)-Existing	1	L	ITFCD
		survrd	ITSFiberSpliceE_ep	Intelligent Transportation System (ITS) Fiber Spliced Enclosure (Existing)	3	1 / DGN1	1	P	SPLI
		survrd	ITSFiberSpliceV_ep	Intelligent Transportation System (ITS) Fiber Spliced Vault (Buried) (Existing)	3	1 / DGN1	1	P	SPLV
		survrd	ITSPwrSupply_ep	Intelligent Transportation System (ITS) Closed Caption TV Power Supply (Wired, Solar, etc) (Existing)	3	1 / DGN1	0	P	ITPS
		survrd	ITSVehSensor_ep	Intelligent Transportation System (ITS) Vehicle Sensor (Infrared) (Existing)	3	1 / DGN1	0	P	ITVS
		survrd	JunctBox_ep	Junction Box / Service Cabinet (Elec/Tel) (Existing)	3	1 / DGN1	1	P	SRVC
		survrd	LandscapeBordr_ep	Landscape Planter Structures and Areas (Existing)	2	2 / DGN2	0	L	PLNT
		survrd	LaneLine_ep	Lane Lines – Delineates Travel Lanes (Existing)	0	RD-LaneLine-Existing	1	L	LL
X		survrd	LARWLine	Limited Access Right of Way Lines	4	RW-LimitedAccess-Proposed	3	L	LARWP
X		survrd	LARWLine_ep	Limited Access Right of Way Lines (Existing)	7	RW-LimitedAccess-Existing	0	L	LARW
		survrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1		
		survrd	LiteCond_ep	Street Lighting Conductors (Existing)	3	SG-Conduit-Existing	0	L	SLC
		survrd	LowBrdgMemb_ep	Low Member of Bridge (Existing)	0	2 / DGN2	0	L	LMB
		survrd	Luminaire_ep	Street Light / Pole (Existing)	3	1 / DGN1	1	P	LP
		survrd	Mailbox_ep	Mailbox (Existing)	8	1 / DGN1	0	P	MBX
X		survrd	MaintLine	Maintenance Line	4	0 / Continuous	4	L	MAINT
		survrd	ManholeCOMM_ep	Manhole (Communications) (Existing)	6	1 / DGN1	1	P	MHCATV
		survrd	ManholeElec_ep	Manhole (Electric) (Existing)	3	1 / DGN1	1	P	MHE
		survrd	ManholeGas_ep	Manhole (Gas) (Existing)	4	1 / DGN1	1	P	MHG
		survrd	ManholeSS_ep	Manhole (Sanitary Sewer) (Existing)	2	1 / DGN1	1	P	MHS
		survrd	ManholeSW_ep	Manhole (Storm Water) (Existing)	10	1 / DGN1	0	P	MHD
		survrd	ManholeTel_ep	Manhole (Telephone) (Existing)	6	1 / DGN1	1	P	MHT
		survrd	ManholeUnknown_ep	Manhole (Unknown) (Existing)	0	1 / DGN1	1	P	MH
		survrd	ManholeWater_ep	Manhole (Water) (Existing)	1	1 / DGN1	1	P	MHW
		survrd	MeterElec_ep	Meter (Electric) (Existing)	3	1 / DGN1	1	P	ME
		survrd	MeterElecBur_ep	Meter (Electric) (Buried) (Existing)	3	1 / DGN1	1	P	MEU
		survrd	MeterGas_ep	Meter (Gas) (Existing)	4	1 / DGN1	1	P	MG
		survrd	MeterUnk_ep	Meter (Unknown) (Existing)	0	1 / DGN1	1	P	MU

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		survrd	MeterWater_ep	Meter (Water) (Existing)	1	1 / DGN1	1	P	MW
		survrd	MHWL_TIITF_Line	TIITF:Mean / Ordinary High Water Lines	7	0/Continuous	3	L	MHWL
		survrd	MonumentAT_ep	Monuments - Aerial Targets (Existing)	4	0 / Continuous	0	P	AT
		survrd	MonumentCC_ep	Monuments - Concrete (Cast) (Existing)	4	0 / Continuous	0	P	CMON
		survrd	MonumentCP_ep	Monuments - Concrete (Poured) (Existing)	4	0 / Continuous	0	P	PMON
		survrd	MonumentDH_ep	Monuments - Drill Hole, Plug (Control Monumentation) (Existing)	4	0 / Continuous	0	P	DH
		survrd	MonumentDR_ep	Monuments - Deep Rod Mark (Existing)	4	0 / Continuous	0	P	DRM
		survrd	MonumentIRC_ep	Monuments - 5/8 Rod and Cap (Existing)	4	0 / Continuous	0	P	IRC
		survrd	MonumentNL_ep	Monuments - Nail, Spike, Pin (Control Monumentation) (Existing)	4	0 / Continuous	0	P	NL
		survrd	MonumentOM_ep	Monuments - Other Marker (Control Monumentation) (Existing)	4	0 / Continuous	0	P	OM
		survrd	MonumentPIP_ep	Monuments - Metal Pipe, Rod, Bar (Control) (Existing)	4	0 / Continuous	0	P	PIP
		survrd	MonumentPST_ep	Monuments - Post, Stake, Staub (Control Monumentation) (Existing)	4	0 / Continuous	0	P	PST
		survrd	MonumentSAT_ep	Monuments - Hub and Tac (Existing)	4	0 / Continuous	0	P	SAT
		survrd	MonumentSTD_ep	Monuments - Stamped Disk (Existing)	4	0 / Continuous	0	P	STMD
		survrd	MonumentSTP_ep	Monuments - Stamped Plate (Existing)	4	0 / Continuous	0	P	STMP
X		survrd	Murphy_TIITF_Line	TIITF: Upland TIITF:Murphy Reservations Lines	2	RW- TIITFMurphyResLine	1	L	MURPHY Y
		survrd	Oil_B_ep	Oil Line (All Sizes) Quality Level A Locate (Existing)	4	UT-Petroleum- Existing(B)	1	L	PETROA
		survrd	Oil_B_ep	Oil Line (All Sizes) Quality Level B Locate (Existing)	4	UT-Petroleum- Existing(B)	1	L	PETROB
		survrd	Oil_C_ep	Oil Line (All Sizes) Quality Level C Locate (Existing)	4	UT-Petroleum- Existing(C)	1	L	PETROC
		survrd	Oil_D_ep	Oil Line (All Sizes) Quality Level D Locate (Existing)	4	UT-Petroleum- Existing(D)	1	L	PETROD
		survrd	ParkMeter_ep	Parking Meter (Existing)	8	1 / DGN1	0	P	PKG M
		survrd	PavtAsphalt_ep	Asphalt Pavement Edge (Existing)	0	3 / DGN3	1	L	AP
		survrd	PavtAsphaltCrown_ep	Asphalt Pavement Crown (Existing)	0	4 / DGN4	1	L	AC
		survrd	PavtBreak_ep	Pavement Slope Break Line (Existing)	0	3	0	L	PAVBRK
		survrd	PavtBrick_ep	Brick Pavement Edge (Roadways and Sidewalks) (Existing)	6	3 / DGN3	1	L	BRCK
		survrd	PavtConcJoints_ep	Concrete Pavement (Joints) (Existing)	1	5 / DGN5	1	L	CPVJ
		survrd	PavtConcrete_ep	Concrete Pavement (Edges) (Existing)	0	3 / DGN3	1	L	CPVT
		survrd	PavtConcreteCrown_ep	Concrete Pavement (Crown) (Existing)	0	4 / DGN4	1	L	CPVC
		survrd	PavtMisc_ep	Pavement Parking Lot/Guardrail/Miscellaneous Pavement (Existing)	7	3 / DGN3	0	L	MP
		survrd	PavtTractorXing_ep	Tractor Crossings (Existing)	0	3 / DGN3	1	L	TX
		survrd	PavtXover_ep	Crossovers and Detours (Temporary) (Existing)	0	3 / DGN3	0	L	XO
		survrd	PedSignal_ep	Pedestrian Signal Unit, Signage (Existing)	0	2 / DGN2	0	P	PS
		survrd	PilingColumn_ep	Pilings and Columns (All Types) (Primarily for 3D Extraction) (Existing)	8	3 / DGN3	0	L	PILE
		survrd	PilingPt_ep	Pilings, Piers, or Columns (Existing)	8	3 / DGN3	0	P	PIL
		survrd	PipeCulvert_ep	Pipe Culvert (Existing)	10	3 / DGN3	1	L	PCULV
		survrd	PipeEncaseB_ep	Pipe Encasements Quality Level A Locate (Existing)	0	UT-Casing-Existing(B)	1	L	PIPENA
		survrd	PipeEncaseB_ep	Pipe Encasements Quality Level B Locate (Existing)	0	UT-Casing-Existing(B)	1	L	PIPENB
		survrd	PipeEncaseC_ep	Pipe Encasements Quality Level C Locate (Existing)	0	UT-Casing-Existing(C)	1	L	PIPENC
		survrd	PipeEncaseD_ep	Pipe Encasements Quality Level D Locate (Existing)	0	UT-Casing-Existing(D)	1	L	PIPEND
		survrd	Playground_ep	Playground Equipment (Existing)	9	2 / DGN2	0	P	PLEQ
		survrd	PMAccessible_ep	Pavement Marking Symbol - Accessible (Handicap) (Existing)	0	2 / DGN2	0	P	HND C
		survrd	PMAHEAD_ep	Pavement Marking Symbol - AHEAD (Existing)	0	2 / DGN2	0	P	AHEAD
		survrd	PMBIKE_ep	Pavement Marking Symbol Bicycle (Existing)	0	2 / DGN2	0	P	BIKE
		survrd	PMBUS_ep	Pavement Marking Symbol BUS (Existing)	0	2 / DGN2	0	P	BUS
		survrd	PMHUMP_ep	Pavement Marking Symbol HUMP (Existing)	0	2 / DGN2	0	P	HUMP

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point /Line	Feature Code
		survrd	PMLANE_ep	Pavement Marking Symbol LANE (Existing)	0	2 / DGN2	0	P	LANE
		survrd	PMMERGE_ep	Pavement Marking Symbol MERGE (Existing)	0	2 / DGN2	0	P	MERGE
		survrd	PMONLY_ep	Pavement Marking Symbol ONLY (Existing)	0	2 / DGN2	0	P	ONLY
		survrd	PMRK_ep	Pavement Markings (Exclude Travel Lanes) (Existing)	0	2 / DGN2	0	L	PMRK
		survrd	PMRLS_ep	Pavement Marking Symbol Restricted Lane Pavement MarkingSymbol (Existing)	0	2 / DGN2	0	P	RLS
		survrd	PMRXR_ep	Pavement Marking Symbol RXR (Railroad Crossing) (Existing)	0	2 / DGN2	0	P	RXR
		survrd	PMSCHOOL_ep	Pavement Marking Symbol SCHOOL (Existing)	0	2 / DGN2	0	P	SCHOOL
		survrd	PMIGNAL_ep	Pavement Marking Symbol SIGNAL (Existing)	0	2 / DGN2	0	P	SIGNAL
		survrd	PMSLOW_ep	Pavement Marking Symbol SLOW (Existing)	0	2 / DGN2	0	P	SLOW
		survrd	PMSTAL_ep	Pavement Marking Symbol Straight and Turn Arrow Left (Existing)	0	2 / DGN2	0	P	STAL
		survrd	PMSTAR_ep	Pavement Marking Symbol Straight and Turn Arrow Right (Existing)	0	2 / DGN2	0	P	STAR
		survrd	PMSTAROW_ep	Pavement Marking Symbol Straight Direction Arrow (Existing)	0	2 / DGN2	0	P	STAROW
		survrd	PMSTOP_ep	Pavement Marking Symbol STOP (Existing)	0	2 / DGN2	0	P	STOP
		survrd	PMTAL_ep	Pavement Marking Symbol Turn Arrow Left (Existing)	0	2 / DGN2	0	P	TAL
		survrd	PMTALR_ep	Pavement Marking Symbol Turn Arrow Left and Right (Existing)	0	2 / DGN2	0	P	TALR
		survrd	PMTAR_ep	Pavement Marking Symbol Turn Arrow Right (Existing)	0	2 / DGN2	0	P	TAR
		survrd	PMTURN_ep	Pavement Marking Symbol TURN (Existing)	0	2 / DGN2	0	P	TURN
		survrd	PMYIELD_ep	Pavement Marking Symbol YIELD (Existing)	0	2 / DGN2	0	P	YIELD
		survrd	PMZONE_ep	Pavement Marking Symbol ZONE (Existing)	0	2 / DGN2	0	P	ZONE
		survrd	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0	P	DEFAULT
		survrd	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0	P	DEFAULT_POINT
		survrd	PoleElec_ep	Electrical Pole (Existing)	3	1 / DGN1	1	P	PP
		survrd	PoleElecT_ep	Electrical Pole With Transformer (Existing)	3	1 / DGN1	1	P	PPT
		survrd	PoleShared_ep	Shared Pole (Existing)	3	1 / DGN1	1	P	SHP
		survrd	PoleSharedT_ep	Shared Pole with Transformer (Existing)	3	1 / DGN1	1	P	SHPT
		survrd	Pools_ep	Pools and Fountains (Not Ponds) (All Types) (Existing)	7	1 / DGN1	1	L	POOL
		survrd	Post_ep	Post or Pole (Not Monument) (Existing)	0	1 / DGN1	0	P	POST
X		survrd	PropertyLine_ep	Property Lines (Existing)	7	0 / Continuous	0	L	PROP
		survrd	PullBox_ep	Wiring Pull Box (Lighting or Signal) (Existing)	3	1 / DGN1	1	P	WPB
		survrd	Pump_ep	Pump (Petroleum / Fuel) (Existing)	7	1 / DGN1	1	P	PMPF
		survrd	PumpIsland_ep	Pump Island (Existing)	7	3 / DGN3	1	L	PMPIS
		survrd	PumpNonPet_ep	Pump (Non Petroleum) (Existing)	1	1 / DGN1	1	P	PMP
		survrd	Railing_ep	Railings (All); Piperail, Guiderail, Handrail Used for Pedestrian and Bicycles (Existing)	9	3 / DGN3	0	L	HNDRL
		survrd	RailroadMP_ep	Railroad Milepost (Existing)	11	0 / Continuous	0	P	RRMP
		survrd	RailroadSgnalG_ep	Railroad Signal with Gate (Existing)	11	0 / Continuous	0	P	SWG
		survrd	RailroadSwitch_ep	Railroad Switch (Existing)	11	0 / Continuous	0	P	RRS
		survrd	RailroadTracks_ep	Railroad Tracks (Rail, Bed) (Existing)	4	3 / DGN3	0	L	RR
		survrd	RailroadWarn_ep	Railroad Warning Sign (Existing)	11	0 / Continuous	0	P	RRWS
		survrd	RailroadXing_ep	Railroad Crossing (Roadway Platforms), Railroad Signal w/ Gate (Existing)	11	3 / DGN3	0	L	RRX
X		survrd	RefPtLine	Survey Reference Point Line / Detail (Miscellaneous)	0	0 / Continuous	1	L	REFL
X		survrd	RefPtText	Annotation: Text: Survey Data Reference Point (Miscellaneous)	0	0 / Continuous	1		
		survrd	RipRap_ep	Rip Rap, Rubble (Existing)	4	3 / DGN3	1	L	RIP
X		survrd	RRBaseline	:Railroad Center Line	0	RW-RailroadBL	0	L	RRCL
X		survrd	RWLine	Right of Way Lines	4	RW-Proposed	3	L	ROWP
X		survrd	RWLine_ep	Right of Way Lines (Existing)	7	RW-Existing	0	L	ROW
		survrd	SanitaryFM_B_ep	Sanitary Force Main (All Sizes) Quality Level A Locate (Existing)	2	UT-Sanitary-Existing(B)	1	L	FMA

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		survrd	SanitaryFM_B_ep	Sanitary Force Main (All Sizes) Quality Level B Locate (Existing)	2	UT-Sanitary-Existing(B)	1	L	FMB
		survrd	SanitaryFM_C_ep	Sanitary Force Main (All Sizes) Quality Level C Locate (Existing)	2	UT-Sanitary-Existing(C)	1	L	FMC
		survrd	SanitaryFM_D_ep	Sanitary Force Main (All Sizes) Quality Level D Locate (Existing)	2	UT-Sanitary-Existing(D)	1	L	FMD
		survrd	SanitarySewerB_ep	Sanitary Sewer (All Sizes) Quality Level A Locate (Existing)	2	UT-Sanitary-Existing(B)	1	L	SSA
		survrd	SanitarySewerB_ep	Sanitary Sewer (All Sizes) Quality Level B Locate (Existing)	2	UT-Sanitary-Existing(B)	1	L	SSB
		survrd	SanitarySewerC_ep	Sanitary Sewer (All Sizes) Quality Level C Locate (Existing)	2	UT-Sanitary-Existing(C)	1	L	SSC
		survrd	SanitarySewerCLNO_ep	Sanitary Sewer Cleanout (Existing)	2	1 / DGN1	1	P	CLNO
		survrd	SanitarySewerD_ep	Sanitary Sewer (All Sizes) Quality Level D Locate (Existing)	2	UT-Sanitary-Existing(D)	1	L	SSD
		survrd	SanitarySewerDSta_ep	Sanitary Sewer Dump Station (Existing)	2	2 / DGN2	1	P	DMPS
		survrd	SanitarySewerEff_ep	Sanitary Sewer Effluent (Open Channel) (Existing)	2	1 / DGN1	1	L	SE
		survrd	SanitarySewerPSta_ep	Sanitary Sewer Pump Station (Existing)	2	1 / DGN1	1	P	PMPST
		survrd	SateDish_ep	Satellite Dish Antenna (Existing)	6	4 / DGN4	1	P	SATD
		survrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0		
		survrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0		
		survrd	ShldrPaved_ep	Shoulder Edge (Paved) (Existing)	1	3 / DGN3	0	L	SHLDR
		survrd	ShldrUnpaved_ep	Shoulders (Unpaved) (Existing)	0	3 / DGN3	0	L	UNPS
		survrd	Shrub_ep	Shrub, Bush (Existing)	2	0 / Continuous	0	P	SHR
		survrd	ShrubConiferous_ep	Shrub (Coniferous) (Existing)	2	0 / Continuous	0	P	SHRC
		survrd	ShrubDeciduous_ep	Shrub (Deciduous) (Existing)	2	0 / Continuous	0	P	SHRD
		survrd	ShrubHedge_ep	Hedges and Shrubs (Boundary) (Existing)	2	0 / Continuous	0	L	HED
		survrd	ShrubOrnamental_ep	Shrub (Ornamental Plant) (Existing)	2	0 / Continuous	0	P	OP
		survrd	SidewalkBack_ep	Sidewalk (Backs) (Existing)	2	3 / DGN3	0	L	SWKB
		survrd	SidewalkFront_ep	Sidewalk (Fronts) (Existing)	1	3 / DGN3	0	L	SWK
		survrd	Signal_ep	Signal Head (Existing)	3	1 / DGN1	1	P	SIG
		survrd	SignalControl_ep	Signal Controller (Existing)	3	2 / DGN2	0	P	SIGC
		survrd	SignalLoop_ep	Traffic Detector Loops (Existing)	7	1 / DGN1	2	L	TFD
		survrd	SignalPedestal_ep	Signal on Pedestal (Existing)	3	1 / DGN1	1	P	SIGP
		survrd	SignalSupport_ep	Signal Supports (Including Mast Arm) (Existing)	3	2 / DGN2	0	P	SMA
		survrd	SignalSupportExt_ep	Signal Support Mast Arm Extension (Existing)	3	2 / DGN2	0	L	SMAE
		survrd	SignColumn_ep	Cantilever Sign Column (Large) (Existing)	0	3 / DGN3	1	P	SGNC
		survrd	SignMulti_ep	Multi-column Sign (Large Sign) (Existing)	0	3 / DGN3	1	L	MS
		survrd	SignSingle_ep	Sign (Single Pole Support) (Existing)	3	2 / DGN2	0	P	SSS
		survrd	SignTrussOH_ep	Trusses and Cantilevers for Overhead Signs (Existing)	0	3 / DGN3	1	L	SGNT
		survrd	Silo_ep	Silo (Existing)	11	2 / DGN2	0	P	SILO
		survrd	Slopes_ep	Natural Slopes (Top or Bottom) (Existing)	9	3 / DGN3	0	L	SLP
		survrd	SlopesLevee_ep	Levees, Dikes, or Dams (Top or Bottom) (Existing)	9	3 / DGN3	0	L	LV
		survrd	SpanWire_ep	Signal / Span Wire Pole (Existing)	3	2 / DGN2	0	L	SSW
		survrd	SpanWireP_ep	Signal / Span Wire Pole (Existing)	3	2 / DGN2	0	P	SSP
		survrd	Sprinkler_ep	Sprinkler Head (Existing)	1	1 / DGN1	1	P	SPH
		survrd	Stairs_ep	Stairways, Steps (Existing)	0	3 / DGN3	1	L	STP
		survrd	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2		
		survrd	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2		
		survrd	SteamB_ep	Steam Line Quality Level A Locate (Existing)	4	UT-Steam-Existing(B)	1	L	STEAMA
		survrd	SteamB_ep	Steam Line Quality Level B Locate (Existing)	4	UT-Steam-Existing(B)	1	L	STEAMB
		survrd	SteamC_ep	Steam Line Quality Level C Locate (Existing)	4	UT-Steam-Existing(C)	1	L	STEAMC
		survrd	SteamD_ep	Steam Line Quality Level D Locate (Existing)	4	UT-Steam-Existing(D)	1	L	STEAMD
		survrd	StockPile_ep	Stock Piles (All Types) (Dirt, Gravel, Sand, etc.) (Existing)	9	2 / DGN2	0	L	STCKP
		survrd	StormSewer_ep	Storm Sewer (All Sizes) (Drain Pipes and Spouts) (Existing)	10	3 / DGN3	1	L	STS

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		survrd	StreamCtr_ep	Stream Center (Existing)	1	3 / DGN3	0	L	STRMC
		survrd	StreamEdge_ep	Stream Edge (Existing)	1	3 / DGN3	0	L	STRM
		survrd	StreamGauge_ep	Stream or Tide Gauge (Existing)	7	0 / Continuous	0	P	TG
		survrd	Stump_ep	Stump (Existing)	2	0 / Continuous	0	P	STM
		survrd	SU_Delineator_ep	Subsurface Utility (Quality Level Delineator) (Existing)	0	0 / Continuous	1	P	QDEL
		survrd	SU_Interrupt_ep	Subsurface Utility (End of Interruption) (Existing)	0	0 / Continuous	1	P	EOI
		survrd	SU_QLATestHole_ep	Subsurface Utility Test Hole (QLA Only) (Existing)	0	0 / Continuous	1	P	THA
		survrd	SU_QLA_ep	Subsurface Utility Quality Level A Locate Point (Existing)	0	0 / Continuous	1	P	QLA
		survrd	SU_QLB_ep	Subsurface Utility Quality Level B Locate Point (Existing)	0	0 / Continuous	1	P	QLB
		survrd	SU_QLC_ep	Subsurface Utility Quality Level C Locate Point (Existing)	0	0 / Continuous	1	P	QLC
		survrd	SU_QLD_ep	Subsurface Utility Quality Level D Locate Point (Existing)	0	0 / Continuous	1	P	QLD
X		survrd	SubDivLine	Subdivision Line (Existing)	5	0 / Continuous	0	L	SUBL
X		survrd	SubVacOrigLotLine	Subdivision Vacated or Original Lot Line (Existing)	5	5/DGN5	0	L	SLV
X		survrd	SUEL_TIITF_Line	DEP:TIITF:Safe Upland Elevation Lines or Jurisdictional Lines established by DEP methodology	2	RW-PerpetualEasement	3	L	SUEL
		survrd	Switchgear_ep	Switchgear & Appurtenances (Existing)	3	1 / DGN1	1	L	SW
	A	survrd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1		
		survrd	TankStor_ep	Storage Tank (Existing)	11	3 / DGN3	0	P	STTK
		survrd	TankUG_ep	Fill Cap (Buried Tank) (Existing)	3	1 / DGN1	0	P	FC
		survrd	TeleAer_ep	Telephone Line (Aerial) (Existing)	6	UT-OverheadTel-Existing	1	L	TEL
		survrd	TeleBooth_ep	Telephone Booth (Existing)	6	1 / DGN1	1	P	TB
		survrd	TeleBurB_ep	Telephone (All Sizes) Quality Level A Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(B)	1	L	BTA
		survrd	TeleBurB_ep	Telephone (All Sizes) Quality Level B Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(B)	1	L	BTB
		survrd	TeleBurC_ep	Telephone (All Sizes) Quality Level C Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(C)	1	L	BTC
		survrd	TeleBurD_ep	Telephone (All Sizes) Quality Level D Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(D)	1	L	BTD
		survrd	TeleBurDB_ep	Telephone, DUCT (All Sizes) Quality Level A Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(B)	1	L	BTDA
		survrd	TeleBurDB_ep	Telephone, DUCT (All Sizes) Quality Level B Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(B)	1	L	BTDB
		survrd	TeleBurDC_ep	Telephone, DUCT (All Sizes) Quality Level C Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(C)	1	L	BTDC
		survrd	TeleBurDD_ep	Telephone, DUCT (All Sizes) Quality Level D Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(D)	1	L	BTDD
		survrd	TeleBurTB_ep	Telephone, TOLL (All Sizes) Quality Level A Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(B)	1	L	BTTA
		survrd	TeleBurTB_ep	Telephone, TOLL (All Sizes) Quality Level B Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(B)	1	L	BTTB
		survrd	TeleBurTC_ep	Telephone, TOLL (All Sizes) Quality Level C Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(C)	1	L	B TTC
		survrd	TeleBurTD_ep	Telephone, TOLL (All Sizes) Quality Level D Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(D)	1	L	BTTD
		survrd	TelePed_ep	Telephone Pedestal / Service Box (Existing)	6	1 / DGN1	1	P	TPD
		survrd	TelePole_ep	Telephone Pole (Existing)	6	1 / DGN1	1	P	TELP
		survrd	TeleServBox_ep	Telephone Service Box (Large) (Existing)	6	1 / DGN1	1	L	TELS
		survrd	TempBarrier_ep	Temporary Barrier Dividing Traffic (All) (Existing)	6	3 / DGN3	0	L	TMPW
		survrd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2		
		survrd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2		
		survrd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1		
		survrd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1		
		survrd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0		
		survrd	TextLabel	Text - Label	0	0 / Continuous	2		
		survrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1		
		survrd	TextNotes	Text - Notes	4	0 / Continuous	1		
		survrd	TextPtLabel	Text - Point Labels	4	0 / Continuous	0		
		survrd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1		
		survrd	TextSurveyLabel	Text Survey Labels	0	0 / Continuous	0	P	NOTE
		survrd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1		

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		survrd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1		
		survrd	TopoMisc_ep	Topography (Miscellaneous) (Existing)	0	3 / DGN3	1	L	MISC
		survrd	Tower_ep	High Mast Lighting Poles or Towers (Existing)	3	1 / DGN1	1	P	HML
		survrd	TowerTrans_ep	Transmission Tower (Single Column) (Existing)	3	1 / DGN1	1	P	CLMT
		survrd	TrafSeparator_ep	Traffic Separator (Existing)	6	3 / DGN3	0	L	TFSP
		survrd	Trail_ep	Roadway, Trail (Unpaved) (Existing)	9	3 / DGN3	1	L	RD
		survrd	Transformer_ep	Transformer (Existing)	3	1 / DGN1	1	P	TRNF
		survrd	Trash_ep	Dumpster, Trash Disposal (Existing)	9	0 / Continuous	0	P	DMP
		survrd	Treadle_ep	Treadle, Axle Sensor (Existing)	7	1 / DGN1	5	L	TRD
		survrd	Tree_ep	Tree (Unknown) (Existing)	2	0 / Continuous	0	P	TREE
		survrd	TreeCitrus_ep	Tree (Citrus) (Existing)	2	0 / Continuous	0	P	TREECI
		survrd	TreeConiferous_ep	Tree (Coniferous) (Existing)	2	0 / Continuous	0	P	TREEC
		survrd	TreeCypress_ep	Tree (Cypress) (Existing)	2	0 / Continuous	0	P	TREECY
		survrd	TreeDeciduous_ep	Tree (Deciduous) (Existing)	2	0 / Continuous	0	P	TREED
		survrd	TreeDripLine_ep	Tree Drip Line for Delineating Root Systems (Existing)	2	2 / DGN2	0	L	DRIP
		survrd	TreeLineGrove_ep	Groves & Orchards (Boundary) (Existing)	2	RD-TreeLine	0	L	GRV
		survrd	TreeLineScatter_ep	Scattered Trees (Boundary) (Existing)	2	RD-TreeLine	0	L	SCT
		survrd	TreeLineWoods_ep	Woods Line (Existing)	2	RD-TreeLine	0	L	WDL
		survrd	TreeOak_ep	Tree (Oak) (Existing)	2	0 / Continuous	0	P	TREEOA
		survrd	TreePalm_ep	Tree (Palm) (Existing)	2	0 / Continuous	0	P	TREEPA
		survrd	TreePalmCluster_ep	Tree (Palm Cluster) (Existing)	2	0 / Continuous	0	P	TREEPC
		survrd	TreePine_ep	Tree (Pine) (Existing)	2	0 / Continuous	0	P	TREEPI
		survrd	Tributary_ep	Spring (Water Source) (Existing)	1	0 / Continuous	0	P	SPR
		survrd	UnderDrain_ep	Underdrains and Cross Drains (Existing)	10	3 / DGN3	1	L	UD
		survrd	UnderDrainBx_ep	Underdrain Box (Existing)	10	3 / DGN3	0	P	UDBX
		survrd	UtilMarker_ep	Subsurface Utility Marker (Existing)	5	1 / DGN1	1	P	UMKR
		survrd	UtilMisc_ep	Utility Items (Miscellaneous) (Existing)	0	0 / Continuous	0	L	UMISC
		survrd	Valve_ep	Valve (Unknown) (Existing)	0	1 / DGN1	1	P	VLV
X		survrd	ValveBFP_ep	Valve, Valve Box (Back Flow Preventer) (Existing)	0	1 / DGN1	1	P	VLVB
		survrd	ValveBox_ep	Valve Box (Unknown) (Existing)	0	1 / DGN1	1	P	VB
		survrd	ValveBoxGas_ep	Valve Box (Gas) (Existing)	4	1 / DGN1	1	P	VBG
		survrd	ValveBoxSwr_ep	Valve Box (Sanitary Sewer) (Existing)	2	1 / DGN1	1	P	VBS
		survrd	ValveBoxWtr_ep	Valve Box (Water) (Existing)	1	1 / DGN1	1	P	VBW
		survrd	ValveBoxWtrNP_ep	Valve Box (Non-Potable Water) (Existing)	5	1 / DGN1	1	P	VBNPW
		survrd	ValveCover_ep	Valve Cover (Unknown) (Existing)	0	1 / DGN1	1	P	VC
		survrd	ValveCvrEff_ep	Valve Cover (Effluent) (Existing)	5	1 / DGN1	1	P	VCEF
		survrd	ValveCvrGas_ep	Valve Cover (Gas) (Existing)	4	1 / DGN1	1	P	VCG
		survrd	ValveCvrSewer_ep	Valve Cover (Sewer) (Existing)	2	1 / DGN1	1	P	VCS
		survrd	ValveCvrWater_ep	Valve Cover (Water) (Existing)	1	1 / DGN1	1	P	VCW
		survrd	ValveCvrWaterNP_ep	Valve Cover (Non-potable Water) (Existing)	5	1 / DGN1	1	P	VCNPW
		survrd	ValveCvrWtrRaw_ep	Valve Cover (Raw Water) (Existing)	5	1 / DGN1	1	P	VCRW
		survrd	ValveGas_ep	Valve, Valve Box (Gas) (Existing)	4	1 / DGN1	1	P	VLVG
		survrd	ValveSewer_ep	Valve, Valve Box (Sanitary Sewer) (Existing)	2	1 / DGN1	1	P	VLVS
		survrd	ValveWater_ep	Valve, Valve Box (Water) (Existing)	1	1 / DGN1	1	P	VLVW
		survrd	ValveWaterNP_ep	Valve, Valve Box (Non-Potable Water) (Existing)	5	1 / DGN1	1	P	VLVNPW
		survrd	VaultAG_ep	Vaults Above Grade (Existing)	3	1 / DGN1	0	L	AGV
		survrd	VaultBG_ep	Vaults Below Grade (Existing)	3	1 / DGN1	0	L	BGV
		survrd	Vent_ep	Vent (Unknown) (Existing)	0	1 / DGN1	1	P	VNT
		survrd	VentGas_ep	Vent (Gas) (Existing)	4	1 / DGN1	1	P	VNTG

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		survrd	VentSewer_ep	Vent (Sanitary Sewer) (Existing)	2	1 / DGN1	1	P	VNTS
	A	survrd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0		
		survrd	VoidArea_ep	Void Area (No Locations Collected) (Existing)	3	2 / DGN2	0	L	VOID
		survrd	Wall_ep	Walls (Existing)	9	3 / DGN3	1	L	WALL
		survrd	WallBarrier_ep	Wall Dividing Traffic (All) (Existing)	6	3 / DGN3	0	L	BARW
		survrd	WallRetainEarth_ep	Wall Holding Earth (All) (Existing)	6	3 / DGN3	0	L	RETW
		survrd	WallSea_ep	Sea Walls (Existing)	0	1 / DGN1	3	L	SEAW
		survrd	WaterB_ep	Water Line (All Sizes) Quality Level A Locate (Existing)	1	UT-Water-Existing(B)	1	L	WLA
		survrd	WaterB_ep	Water Line (All Sizes) Quality Level B Locate (Existing)	1	UT-Water-Existing(B)	1	L	WLB
		survrd	WaterC_ep	Water Line (All Sizes) Quality Level C Locate (Existing)	1	UT-Water-Existing(C)	1	L	WLC
		survrd	WaterD_ep	Water Line (All Sizes) Quality Level D Locate (Existing)	1	UT-Water-Existing(D)	1	L	WLD
		survrd	WaterEdge_ep	Edge of Water (Existing)	7	3 / DGN3	0	L	WEDG
		survrd	WaterFct_ep	Faucet (Existing)	1	1 / DGN1	1	P	FAU
		survrd	WaterNP_B_ep	Non-Potable Water Line (All Sizes) Quality Level A Locate (Existing)	5	UT-NonPotableWater-Existing(B)	1	L	NPWLA
		survrd	WaterNP_B_ep	Non-Potable Water Line (All Sizes) Quality Level B Locate (Existing)	5	UT-NonPotableWater-Existing(B)	1	L	NPWLB
		survrd	WaterNP_C_ep	Non-Potable Water Line (All Sizes) Quality Level C Locate (Existing)	5	UT-NonPotableWater-Existing(C)	1	L	NPWLC
		survrd	WaterNP_D_ep	Non-Potable Water Line (All Sizes) Quality Level D Locate (Existing)	5	UT-NonPotableWater-Existing(D)	1	L	NPWLD
		survrd	WaterSeasHghMrk_ep	Seasonal High Water Mark (Bridges, Drainage Ponds and Trees as marked by Environmental) (Existing)	7	0 / Continuous	0	P	SHWM
		survrd	WaterStandpipe_ep	Standpipe (Water) (Existing)	1	1 / DGN1	1	P	SP
		survrd	Well_ep	Well (All Sizes) (Existing)	1	1 / DGN1	1	P	WELL
		survrd	WellMon_ep	Well Monitoring, Taps (Existing)	1	1 / DGN1	1	P	MONW
		survrd	Wetland_ep	W.M.D. & D.E.P. Wetlands (Existing)	1	RD-Wetland-Existing	0		
		survrd	WetlandCOE_ep	United States Army Corps of Engineers (COE) Wetlands (Marsh or Swamp) (Existing)	2	RD-Wetland-Existing	0	L	COE
		survrd	WetlandDEP_ep	Water Management Districts (WMD) & Florida Department of Environmental Protection (DEP) Wetlands (Existing)	1	RD-Wetland-Existing	0	L	DEP
		survrd	WetlandEM_ep	Edge of Mangrove (Existing)	2	RD-Wetland-Existing	0	L	EM
		survrd	WetlandMAR_ep	Edge of Wetlands (Marsh or Swamp) (Existing)	2	RD-Wetland-Existing	0	L	MAR
		survrd	WetlandSym_ep	Wetland Point (Existing)	2	1 / DGN1	0	P	WLPT
		survrd	WindMill_ep	Wind Mill (Existing)	1	1 / DGN1	0	P	WIM
	A	survrd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1		
	A	survrd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1		
	A	survrd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1		
	A	survrd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1		
		survrd	XSPatternlines_ep	Cross Section Chain (Existing)	2	1 / DGN1	0	L	XSC
		survrd	XSPt_ep	Cross Section Point, Station (Existing)	2	1 / DGN1	0	P	XS
		survrd	YardDrain_ep	Yard Drain (Existing)	10	3 / DGN3	1	L	YD

TCDSRD - Traffic Control

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	tcdsrd	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	tcdsrd	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		tcdsrd	AdvWarnPanel	Advance Warning Arrow Panels	4	0 / Continuous	2
X		tcdsrd	AdvWarnVehicle	Work/Shadow/Advanced Warning Vehicle	3	0 / Continuous	2
X		tcdsrd	Aggregate	Aggregate	8	0 / Continuous	1
X		tcdsrd	ArtificialCovering	Artificial Coverings	10	0 / Continuous	2
X		tcdsrd	Attenuator	Attenuator Systems	6	MOT-Attenuator	1
X		tcdsrd	AttenuatorTM	Attenuator Truck Mount	6	0 / Continuous	2
X		tcdsrd	Barricade_px	Barricades Type I and II, Vertical Panels on Typical	6	0 / Continuous	2
X		tcdsrd	BarricadeIII	Barricade Type III	6	0 / Continuous	2
X		tcdsrd	BarricadeIII_px	Barricade Type III on Typical	6	0 / Continuous	2
X		tcdsrd	Berm_px	Berm (Top, Front, or Back) on Cross Sections	10	0 / Continuous	2
X		tcdsrd	BLSurvey_px	Baseline Survey on Cross Sections	0	0 / Continuous	2
		tcdsrd	BaselineSurvey	Baseline Survey	0	0 / Continuous	2
X		tcdsrd	Bridge	Bridge	0	0 / Continuous	2
X		tcdsrd	Bridge_px	Bridge Component on Cross Sections - Component Property	0	0 / Continuous	2
X		tcdsrd	CableBarrier_px	Cable Barrier on CrossSections	0	0 / Continuous	2
X		tcdsrd	CandG_ex	Curb and Gutter on Cross Sections (All Types) (Existing)	4	2 / DGN2	1
X		tcdsrd	CandG_px	Curb and Gutter on Cross Sections (All Types)	4	0 / Continuous	2
X		tcdsrd	CandGBase_px	Curb and Gutter Base on Cross Sections	3	0 / Continuous	1
X		tcdsrd	CATVBur_ex	Cable TV and Miscellaneous on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		tcdsrd	CATVBur_px	Cable TV and Miscellaneous on Cross Sections (Buried)	6	0 / Continuous	1
X		tcdsrd	ChannelDev	Channelizing Devices	0	0 / Continuous	2
X		tcdsrd	ChannelDevPed	Longitudinal Channelizing Device for Pedestrians	6	MOT-ChannelDevPed	2
X		tcdsrd	ChannelDevPed_px	Longitudinal Channelizing Device for Pedestrians on Typical	6	0 / Continuous	2
		tcdsrd	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
X		tcdsrd	CLConst_px	Center Line of Construction on Cross Sections	0	0 / Continuous	2
		tcdsrd	ClipBorder_dp	CLIP Border and Civil 3D View Frame	4	2 / DGN2	0
	B	tcdsrd	ClipDrawingBound_dp	CLIP Drawing Boundary	3	3 / DGN3	0
		tcdsrd	Cloud_dp	Construction Cloud	7	0 / Continuous	2
X		tcdsrd	CmpFlashbrdRiser	Cmp Flashboard Riser	10	0 / Continuous	2
		tcdsrd	COGO_dp	COGO Information	3	0 / Continuous	1
X		tcdsrd	Concrete	Concrete Areas and Miscellaneous (All Types)	0	0 / Continuous	2
X		tcdsrd	Concrete_px	Concrete Boundary Lines on Cross Sections	0	0 / Continuous	2
X		tcdsrd	ConcSlabs	Concrete Slabs	0	0 / Continuous	2
X		tcdsrd	Conduit_ex	Conduit and Encasements on Cross Sections (Existing)	3	2 / DGN2	1
X		tcdsrd	Conduit_px	Conduit and Encasements on Cross Sections	3	0	1
X		tcdsrd	Cone_px	Cone and Tubular Marker on Typical	6	0 / Continuous	2
		tcdsrd	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		tcdsrd	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
		tcdsrd	ConstLines	Construction Lines and References	1	0 / Continuous	0
		tcdsrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
X		tcdsrd	CrossWalk1	Emphasis Crosswalk 6ft High	0	PM-Stripe-6' Crosswalk	4
X		tcdsrd	CrossWalk2	Emphasis Crosswalk 10ft High	0	PM-Stripe-10' Crosswalk	4
X		tcdsrd	CurbBack	Back of Curb	4	0 / Continuous	1
X		tcdsrd	CurbFace	Curb and Gutter (Face)	4	0 / Continuous	1
X		tcdsrd	CurbRamp	Curb Cut Ramp	8	0 / Continuous	1
		tcdsrd	CurveData_dp	Curve and Coordinate Data Elements Including PC, PT, PI Symbols	4	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		tcdsrd	CurveDataLabel_dp	Curve Data Labels PC,PI, PT	0	0 / Continuous	2
X		tcdsrd	Delineator	Delineators (All Types)	4	0 / Continuous	1
		tcdsrd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		tcdsrd	DirArrowsPavt	Pavement Marking Directional Arrows	0	0 / Continuous	1
X		tcdsrd	Ditch	Ditch Top	7	6 / DGN6	1
X		tcdsrd	Ditch_px	Ditch Top on Cross Sections	7	0 / Continuous	2
X		tcdsrd	DitchBot	Ditch Bottom	10	0 / Continuous	2
X		tcdsrd	DitchBot_px	Ditch Bottom on Cross Sections	10	0 / Continuous	2
X		tcdsrd	DitchPavt	Ditch Pavement Including Quantity Shapes	3	0 / Continuous	1
X		tcdsrd	DitchPavt_px	Ditch Pavement on Cross Sections	3	0 / Continuous	3
		tcdsrd	DitchProfLt_er	Ditch Profile Left (Existing)	8	3 / DGN3	1
		tcdsrd	DitchProfLt_pr	Ditch Profile Left	8	0 / Continuous	1
		tcdsrd	DitchProfMdn_er	Ditch Profile Median (Existing)	10	3 / DGN3	1
		tcdsrd	DitchProfMdn_pr	Ditch Profile Median	10	0 / Continuous	1
		tcdsrd	DitchProfRt_er	Ditch Profile Right (Existing)	9	3 / DGN3	1
		tcdsrd	DitchProfRt_pr	Ditch Profile Right	9	0 / Continuous	1
		tcdsrd	DrainAlert_px	Alert Symbology for Structural Elements on Cross Sections	3	0 / Continuous	2
		tcdsrd	DrainDivideArw	Drainage Divide Arrow	0	0 / Continuous	1
		tcdsrd	DrainDivides00	Drainage Divides	10	2 / DGN2	4
		tcdsrd	DrainDivides00_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		tcdsrd	DrainDivides01	Drainage Divides	10	2 / DGN2	4
		tcdsrd	DrainDivides01_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		tcdsrd	DrainDivides02	Drainage Divides	10	2 / DGN2	4
		tcdsrd	DrainDivides02_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		tcdsrd	DrainDivides03	Drainage Divides	10	2 / DGN2	4
		tcdsrd	DrainDivides03_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		tcdsrd	DrainDivides04	Drainage Divides	10	2 / DGN2	4
		tcdsrd	DrainDivides04_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		tcdsrd	DrainDivides05	Drainage Divides	10	2 / DGN2	4
		tcdsrd	DrainDivides05_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		tcdsrd	DrainDivides06	Drainage Divides	10	2 / DGN2	4
		tcdsrd	DrainDivides06_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		tcdsrd	DrainDivides07	Drainage Divides	10	2 / DGN2	4
		tcdsrd	DrainDivides07_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		tcdsrd	DrainDivides08	Drainage Divides	10	2 / DGN2	4
		tcdsrd	DrainDivides08_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		tcdsrd	DrainDivides09	Drainage Divides	10	2 / DGN2	4
		tcdsrd	DrainDivides09_ep	Drainage Divides (Existing)	9	2 / DGN2	4
		tcdsrd	DrainMisc	Drainage Items (Miscellaneous)	10	0 / Continuous	1
		tcdsrd	DrainMisc_ex	Drainage Elements on Cross Sections (All) (Miscellaneous) (Existing)	10	3 / DGN3	1
		tcdsrd	DrainMisc_pm	Drainage Items (Proposed Model) (Miscellaneous)	10	0 / Continuous	1
X		tcdsrd	DrainStruct	Drainage Structure in Plan	10	2 / DGN2	2
X		tcdsrd	DrainStruct_ex	Drainage Structures on Cross Sections (All) (Existing)	10	3 / DGN3	1
X		tcdsrd	DrainStruct_pr	Drainage Structures (All Types)	10	0 / Continuous	2
X		tcdsrd	DrainStruct_px	Drainage Structures and Elements on Cross Sections (Miscellaneous)	10	0 / Continuous	2
X		tcdsrd	Driveway_ex	Driveway Lines on Cross Sections (Existing)	7	2 / DGN2	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		tcdsrd	Driveway_px	Driveway Lines on Cross Sections	7	0 / Continuous	2
X		tcdsrd	DrivewayBase_px	Driveway Subgrade on Cross Sections	3	0 / Continuous	2
X		tcdsrd	Drum_px	Drum on Typical	6	0 / Continuous	2
X		tcdsrd	DTM_ex	Digital Terrain Model on Cross Sections (Existing)	2	2 / DGN2	1
X		tcdsrd	DTM_px	Digital Terrain Model on Cross Sections	1	0 / Continuous	0
		tcdsrd	Earthwork1_px	Earthwork (Color 0) on Cross Sections	0	0 / Continuous	1
		tcdsrd	Earthwork2_px	Earthwork (Color 1) on Cross Sections	1	0 / Continuous	1
		tcdsrd	Earthwork3_px	Earthwork (Color 2) on Cross Sections	2	0 / Continuous	1
		tcdsrd	Earthwork4_px	Earthwork (Color 3) on Cross Sections	3	0 / Continuous	1
		tcdsrd	Earthwork5_px	Earthwork (Color 4) on Cross Sections	4	0 / Continuous	1
X		tcdsrd	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		tcdsrd	EasePerpLine	Easement Lines Perpetual	4	RW-PerpetualEasement	2
X		tcdsrd	EasePerpLine_px	Easement Lines Perpetual on Cross Sections	4	RW-PerpetualEasement	2
X		tcdsrd	EaseTempLine	Easement Lines Temporary	6	RW-TemporaryEasement	1
X		tcdsrd	EaseTempLine_px	Easement Lines Temporary on Cross Sections	6	RW-TemporaryEasement	0
X		tcdsrd	ElecBur_ex	Electrical on Cross Sections (Buried) (Existing)	3	2 / DGN2	1
X		tcdsrd	ElecBur_px	Electrical on Cross Sections (Buried)	3	0 / Continuous	1
X		tcdsrd	Endwall_px	Endwall on Cross Sections	10	0 / Continuous	2
X		tcdsrd	Fence	Fence, Sand Fence	6	RD-Fence	1
		tcdsrd	Fence_ex	Fence Lines on Cross Sections (Existing)	6	3 / DGN3	1
X		tcdsrd	Fence_px	Fence Lines on Cross Sections	6	RD-Fence	2
X		tcdsrd	FenceLt	Fence - Limited Access Left	6	RD-Fence	1
X		tcdsrd	FenceRt	Fence - Limited Access Right	6	RD-Fence	1
X		tcdsrd	FES_px	Flared End Sections on Cross Sections	10	0 / Continuous	2
X		tcdsrd	Flagman	Flagman	6	0 / Continuous	2
X		tcdsrd	FlowPaths	Time of Concentration Flow Paths	10	1 / DGN1	1
X		tcdsrd	FOCBur_ex	Fiber Optics Cable on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		tcdsrd	FOCBur_px	Fiber Optics Cable on Cross Sections (Buried)	6	0 / Continuous	1
X		tcdsrd	FOEBur_ex	Fiber Optics Electrical on Cross Sections (Buried) (Existing)	3	2 / DGN2	1
X		tcdsrd	FOEBur_px	Fiber Optics Electrical on Cross Sections (Buried)	3	0 / Continuous	1
X		tcdsrd	FOTBur_ex	Fiber Optics Telephone on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		tcdsrd	FOTBur_px	Fiber Optics Telephone on Cross Sections (Buried)	6	0 / Continuous	1
X		tcdsrd	Gabions	Gabion Baskets or Mats	10	0 / Continuous	2
X		tcdsrd	Gabions_ep	Gabion Baskets or Mats (Existing)	10	1 / DGN1	2
X		tcdsrd	GovTwpRgeLine_ep	Government:Township and Range Government Survey Line	2	RW-TownshipRange	3
X		tcdsrd	Gas_ex	Gas Pipe and Fittings on Cross Sections (Miscellaneous) (Existing)	4	2 / DGN2	1
X		tcdsrd	Gas_px	Gas Pipe and Fittings on Cross Sections (Miscellaneous)	4	0 / Continuous	1
		tcdsrd	GeotechFillPatt1_px	Geotechnical Fill Pattern on Cross Sections - (Earth, Wood, Muck, Concrete, Rock, Riprap) as Defined in Project	3	0 / Continuous	0
		tcdsrd	GeotechFillPatt2_px	Geotechnical Fill Pattern on Cross Sections - Clay, Sand	0	1 / DGN1	0
		tcdsrd	GeotechFillPatt3_px	Geotechnical Fill Pattern on Cross Sections - Shell	3	1 / DGN1	0
		tcdsrd	GeotechFillPatt4_px	Geotechnical Fill Pattern on Cross Sections - Sand	4	0 / Continuous	0
		tcdsrd	GeotechFillPatt5_px	Geotechnical Fill Pattern on Cross Sections - Coquina	1	0 / Continuous	1
		tcdsrd	GeotechFillPatt6_px	Geotechnical Fill Pattern on Cross Sections - Limestone	2	0 / Continuous	0
		tcdsrd	GeotechFillPatt7_px	Geotechnical Fill Pattern on Cross Sections - Gravel	6	0 / Continuous	0
		tcdsrd	GeotechFillPatt8_px	Geotechnical Fill Pattern on Cross Sections - Silt	0	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		tcdsrd	Grass	Grass, Seeding and Mulching Areas	2	1 / DGN1	2
		tcdsrd	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		tcdsrd	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		tcdsrd	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
X		tcdsrd	Guardrail	Guardrail	1	0 / Continuous	1
X		tcdsrd	Guardrail_ex	Guardrail Lines on Cross Sections (Existing)	0	2 / DGN2	2
X		tcdsrd	GuardrailBRLt	Guardrail Bridge (Left)	0	RD-Guardrail-Left	1
X		tcdsrd	GuardrailBRRt	Guardrail Bridge (Right)	0	RD-Guardrail-Right	1
X		tcdsrd	GuardrailDbI	Guardrail (Double Face)	0	RD-Guardrail-Double	1
X		tcdsrd	GuardrailEndAch	Guardrail (End Anchorage)	0	0 / Continuous	1
X		tcdsrd	GuardrailLt	Guardrail (Left)	0	RD-Guardrail-Left	1
X		tcdsrd	GuardrailModThrieDbI	Guardrail Modified Thrie Beam (Double Face)	0	RD-Guardrail-Double	1
X		tcdsrd	GuardrailModThrieLt	Guardrail Modified Thrie Beam (Left)	0	RD-Guardrail-Left	1
X		tcdsrd	GuardrailModThrieRt	Guardrail Modified Thrie Beam (Right)	0	RD-Guardrail-Right	1
X		tcdsrd	GuardrailPanel_px	Guardrail Component Property on Cross Sections for 3D Guardrail Panels	11	0 / Continuous	1
X	B	tcdsrd	GuardrailPost_px	Guardrail Component Property on Cross Sections for 3D Guardrail Posts	10	0 / Continuous	0
X		tcdsrd	GuardrailPRDbI	Guardrail Double Face w/ Pipe Rail	0	RD-Guardrail-Double	1
X		tcdsrd	GuardrailPRLt	Guardrail Left w/ Pipe Rail	0	RD-Guardrail-Left	1
X		tcdsrd	GuardrailPRRt	Guardrail Right w/ Pipe Rail	0	RD-Guardrail-Right	1
X		tcdsrd	GuardrailRRDbI	Guardrail Double Face w/ Rub Rail	0	RD-Guardrail-Double	1
X		tcdsrd	GuardrailRRLt	Guardrail Left w/ Rub Rail	0	RD-Guardrail-Left	1
X		tcdsrd	GuardrailRRRt	Guardrail Right w/ Rub Rail	0	RD-Guardrail-Right	1
X		tcdsrd	GuardrailRt	Guardrail Right	0	RD-Guardrail-Right	1
X		tcdsrd	GuardrailThrieDbI	Guardrail Thrie Beam Double Face	0	RD-Guardrail-Double	1
X		tcdsrd	GuardrailThrieLt	Guardrail Thrie Beam Left	0	RD-Guardrail-Left	1
X		tcdsrd	GuardrailThriePRLt	Guardrail Thrie Beam Left w/ Pipe Rail	0	RD-Guardrail-Left	1
X		tcdsrd	GuardrailThriePRRt	Guardrail Thrie Beam Right w/ Pipe Rail	0	RD-Guardrail-Right	1
X		tcdsrd	GuardrailThrieRt	Guardrail Thrie Beam Right	0	RD-Guardrail-Right	1
X		tcdsrd	GuyWire	Guy Wire	3	0 / Continuous	2
		tcdsrd	HardscapeDetails	Paving Details, Fence Railing, Stamped Asphalt	4	0 / Continuous	2
		tcdsrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		tcdsrd	Inlet_px	Inlets on Cross Sections	10	0 / Continuous	2
X		tcdsrd	InletBottom_px	Inlet Bottom on Cross Sections (All Types)	10	0 / Continuous	2
X		tcdsrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		tcdsrd	KeyShtMisc	Key Sheet Items (Miscellaneous)	0	0 / Continuous	2
X		tcdsrd	LARWLine	Limited Access Right of Way Lines	4	RW-LimitedAccess-Proposed	3
X		tcdsrd	LARWLine_ep	Limited Access Right of Way Lines (Existing)	7	RW-LimitedAccess-Existing	0
X		tcdsrd	LARWLine_ex	Limited Access Right of Way Lines on Cross Sections (Existing)	4	RW-LimitedAccess-Existing	1
X		tcdsrd	LARWLine_px	Limited Access Right of Way Lines on Cross Sections	4	RW-LimitedAccess-Proposed	2
X		tcdsrd	LateralLimits_px	Lateral Limits on Cross Sections	6	0 / Continuous	2
		tcdsrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		tcdsrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
		tcdsrd	Manhole_ex	Manhole on Cross Sections (Existing)	10	3 / DGN3	2
X		tcdsrd	Manhole_px	Manhole on Cross Sections	10	0 / Continuous	2
		tcdsrd	MatchLines_dp	Match Lines with Text, Arrows for Station Notations	1	0 / Continuous	2
X		tcdsrd	MES_px	Mitered End Section on Cross Sections	10	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		tcdsrd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		tcdsrd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		tcdsrd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		tcdsrd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		tcdsrd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		tcdsrd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		tcdsrd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		tcdsrd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		tcdsrd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		tcdsrd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		tcdsrd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		tcdsrd	NorthArw_dp	North Arrows	0	0 / Continuous	2
X		tcdsrd	ObjectMarker	Object and Reflective Markers	3	0 / Continuous	1
X		tcdsrd	OverheadSign	Overhead Sign Panels	0	0 / Continuous	2
X		tcdsrd	OverheadSign_ep	Overhead Sign Panels (Existing)	0	3 / DGN3	1
X		tcdsrd	OverheadStr	Mast Arm, Truss Assemblies, Signal Arms and Supports	0	0 / Continuous	2
X		tcdsrd	OverheadStr_ep	Mast Arm, Truss Assemblies, Signal Arms and Supports (Existing)	0	3 / DGN3	1
X		tcdsrd	PavedMedianBase_px	Median Subgrade on Cross Sections (Paved)	3	0 / Continuous	2
X		tcdsrd	PavtAsphalt_px	Asphalt Pavement on Cross Sections and Components in Models	1	0 / Continuous	2
X		tcdsrd	PavtBase	Base Material (All Types)	3	0 / Continuous	2
X		tcdsrd	PavtBase_ex	Base Material on Cross Sections (All Types) (Existing)	3	3 / DGN3	1
X		tcdsrd	PavtBase_px	Base Material on Cross Sections (All Types)	3	0 / Continuous	2
X		tcdsrd	PavtConcrete_px	Concrete Pavement on Cross Sections and Components in Models	0	0 / Continuous	2
X		tcdsrd	PavtConcreteSC	Concrete Surface Coloring	9	0 / Continuous	1
X		tcdsrd	PavtMessage	Pavement Message (All Types)	0	0 / Continuous	1
X		tcdsrd	PavtMessage_ep	Pavement Message (All Types) (Existing)	0	2 / DGN2	0
X		tcdsrd	PavtMilling_px	Asphalt Milling Lines on Cross Sections	7	0 / Continuous	2
		tcdsrd	PavtMisc	Asphalt Material (Miscellaneous)	1	0 / Continuous	1
X		tcdsrd	PavtMisc_px	Pavement on Cross Sections (Miscellaneous)	1	0 / Continuous	2
X		tcdsrd	PavtOverbuild_px	Pavement Overbuild Areas on Cross Sections - Component Property	4	0 / Continuous	2
X		tcdsrd	PavtOverlay_px	Pavement Overlay on Cross Sections - Component Property	1	0 / Continuous	2
X		tcdsrd	PavtOverlay1_px	Pavement Overlay on Cross Sections - Component Property	14	0 / Continuous	2
X		tcdsrd	PavtOverlay2_px	Pavement Overlay on Cross Sections - Component Property	7	0 / Continuous	2
X		tcdsrd	PavtStabilization	Stabilization Material Lines and Shapes	9	0 / Continuous	2
X		tcdsrd	PavtStabilization_px	Stabilization on Cross Sections	5	2 / DGN2	2
		tcdsrd	PavtXover_ep	Crossovers and Detours (Temporary) (Existing)	0	3 / DGN3	0
		tcdsrd	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		tcdsrd	PedDetector	Pedestrian Detector	0	0 / Continuous	2
X		tcdsrd	Pedestal	Pedestal	1	0 / Continuous	1
X		tcdsrd	Pedestal_ep	Pedestal (Existing)	1	2 / DGN2	1
X		tcdsrd	PedHead	Pedestrian Head (All Types)	1	0 / Continuous	1
X		tcdsrd	PedHead_ep	Pedestrian Head (All Types) (Existing)	0	0 / Continuous	1
X		tcdsrd	PipeCulvert	Pipe Culvert in Plan	10	0 / Continuous	2
X		tcdsrd	PipeCulvert_ex	Pipe Culvert in Cross Sections (Existing)	10	3 / DGN3	1
X		tcdsrd	PipeCulvert_px	Pipe Culvert on Cross Section View	10	0 / Continuous	2
X		tcdsrd	PlotBorder_dp	Plot Border	3	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		tcdsrd	PMCeramic	Pavement Markers Ceramic	0	0 / Continuous	1
		tcdsrd	PMMisc	Pavement Marking Items (Miscellaneous)	0	0 / Continuous	2
X	A	tcdsrd	PMSkip(10-10-20)	Pavement Marking 10/10/20 Skip Traffic Stripe 6in Contrast	0	0 / PM-Skip-Stripe 10-10-20	2
X	A	tcdsrd	PMSkip(2-2-2)	Pavement Marking 2/2/2 Skip Traffic Stripe 6in Contrast	0	0 / PM-Skip-Stripe 2-2-2	2
X	A	tcdsrd	PMSkip12W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 12in White	0	0 / PM-Skip-Stripe 2-4	4
X	A	tcdsrd	PMSkip12W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 12in White	0	0 / PM-Skip-Stripe 3-9	4
X	A	tcdsrd	PMSkip6B(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Black	3	0 / PM-Skip-Stripe 10-30	2
X	A	tcdsrd	PMSkip6W(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 10-30	2
X	A	tcdsrd	PMSkip6W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 2-4	2
X	A	tcdsrd	PMSkip6W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 3-9	2
X	A	tcdsrd	PMSkip6W(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 6-10	2
X	A	tcdsrd	PMSkip6Y(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 10-30	2
X	A	tcdsrd	PMSkip6Y(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 2-4	2
X	A	tcdsrd	PMSkip6Y(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 6-10	2
X	A	tcdsrd	PMSkip8W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 8in White	0	0 / PM-Skip-Stripe 3-9	2
X	A	tcdsrd	PMSkip9C(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 9in Contrast	0	0 / PM-Skip-Stripe 10-30	2
X		tcdsrd	PMStripe(10-10-20)	Pavement Marking 10/10/20 Skip Traffic Stripe 6in Contrast	0	PM-Stripe-10'_20'Skip / PM-Stripe-SKIP 10-10-20	2
X		tcdsrd	PMStripe(2-2-2)	Pavement Marking 2/2/2 Skip Traffic Stripe 6in Contrast	0	PM-Stripe-2'_2'Skip / PM-Stripe-SKIP 2-2-2	2
X		tcdsrd	PMStripe12B	Pavement Marking Traffic Stripe 12in Black	3	0 / Continuous	4
X		tcdsrd	PMStripe12W	Pavement Marking Traffic Stripe 12in White	0	0 / Continuous	4
X		tcdsrd	PMStripe12W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 12in White	0	0 / PM-Stripe-SKIP 2-4	4
X		tcdsrd	PMStripe12W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 12in White	0	0 / PM-Stripe-SKIP 3-9	4
X		tcdsrd	PMStripe12Y	Pavement Marking Traffic Stripe 12in Yellow	4	0 / Continuous	4
X		tcdsrd	PMStripe16B	Pavement Marking Traffic Stripe 16in Black	3	0 / Continuous	5
X		tcdsrd	PMStripe16W	Pavement Marking Traffic Stripe 16in White	0	0 / Continuous	5
X		tcdsrd	PMStripe16Y	Pavement Marking Traffic Stripe 16in Yellow	4	0 / Continuous	5
X		tcdsrd	PMStripe18B	Pavement Marking Traffic Stripe 18in Black	3	0 / Continuous	6
X		tcdsrd	PMStripe18W	Pavement Marking Traffic Stripe 18in White	0	0 / Continuous	6
X		tcdsrd	PMStripe18Y	Pavement Marking Traffic Stripe 18in Yellow	4	0 / Continuous	6
X		tcdsrd	PMStripe24W	Pavement Marking Traffic Stripe 24in White	0	0 / Continuous	7
X		tcdsrd	PMStripe24Y	Pavement Marking Traffic Stripe 24in Yellow	4	0 / Continuous	7
X		tcdsrd	PMStripe6B	Pavement Marking Traffic Stripe 6in Black	3	0 / Continuous	2
X		tcdsrd	PMStripe6B(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Black	3	0 / PM-Stripe-SKIP 10-30	2
X		tcdsrd	PMStripe6BI	Pavement Marking Traffic Stripe 6in Blue	1	0 / Continuous	2
X		tcdsrd	PMStripe6DY	Pavement Marking Traffic Stripe 6in Double Yellow	4	0 / Continuous	2
X		tcdsrd	PMStripe6W	Pavement Marking Traffic Stripe 6in White	0	0 / Continuous	2
X		tcdsrd	PMStripe6W(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 10-30	2
X		tcdsrd	PMStripe6W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 2-4	2
X		tcdsrd	PMStripe6W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 3-9	2
X		tcdsrd	PMStripe6W(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 6-10	2
X		tcdsrd	PMStripe6Y	Pavement Marking Traffic Stripe 6in Yellow	4	0 / Continuous	2
X		tcdsrd	PMStripe6Y(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 10-30	2
X		tcdsrd	PMStripe6Y(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 2-4	2
X		tcdsrd	PMStripe6Y(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 6-10	2
X		tcdsrd	PMStripe8B	Pavement Marking Traffic Stripe 8in Black	3	0 / Continuous	3

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		tcdsrd	PMStripe8W	Pavement Marking Traffic Stripe 8in White	0	0 / Continuous	3
X		tcdsrd	PMStripe8W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 8in White	0	0 / PM-Stripe-SKIP 3-9	2
X		tcdsrd	PMStripe8Y	Pavement Marking Traffic Stripe 8in Yellow	4	0 / Continuous	3
X		tcdsrd	PMStripe9C(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 9in Contrast	0	0 / PM-Stripe-SKIP 10-30	2
X		tcdsrd	PMStripeRumbleCL	Center Line Rumble Stripes (Use to Quantify Rumble Strips) (NonPlotting)	4	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		tcdsrd	PMStripeRumbleWL	Rumble Stripes (6in White Thermoplastic Over Rumble Strips) (Left)	0	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		tcdsrd	PMStripeRumbleWR	Rumble Stripes (6in White Thermoplastic Over Rumble Strips) (Right)	0	PM-Stripe-RumbleStripeRight / PM-Stripe-RumbleStripe	2
X		tcdsrd	PMStripeRumbleYL	Rumble Stripes (6in Yellow Thermoplastic Over Rumble Strips) (Left)	4	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		tcdsrd	PMStripeRumbleYR	Rumble Stripes (6in Yellow Thermoplastic Over Rumble Strips) (Right)	4	PM-Stripe-RumbleStripeRight / PM-Stripe-RumbleStripe	2
X		tcdsrd	PMStripeVibeWL	Pavement Marking Auditory and Vibratory 6in White (Left)	0	PM-Stripe-VibratoryLeft / PM-Stripe-Vibratory	2
X		tcdsrd	PMStripeVibeWR	Pavement Marking Auditory and Vibratory 6in White (Right)	0	PM-Stripe-VibratoryRight / PM-Stripe-Vibratory	2
X		tcdsrd	PMStripeVibeYL	Pavement Marking Auditory and Vibratory 6in Yellow (Left)	4	PM-Stripe-VibratoryLeft / PM-Stripe-Vibratory	2
X		tcdsrd	PMStripeVibeYR	Pavement Marking Auditory and Vibratory 6in Yellow (Right)	4	PM-Stripe-VibratoryRight / PM-Stripe-Vibratory	2
		tcdsrd	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
X		tcdsrd	PoleElec	Electrical Pole w/ Transformer	3	0 / Continuous	2
X		tcdsrd	PoleShared	Power Pole Electric (Above Ground) Shared w/ Transformer	3	0 / Continuous	2
X		tcdsrd	PoleSteelStrain	Steel Strain Pole	0	0 / Continuous	2
X		tcdsrd	PoleSteelStrain_ep	Steel Strain Pole (Existing)	0	2 / DGN2	1
X		tcdsrd	PoleTel	Telephone Pole	6	0 / Continuous	2
X		tcdsrd	PoleUtil	Utility Pole	0	0 / Continuous	2
X		tcdsrd	PoleWoodStrain	Wood Strain Pole	0	0 / Continuous	2
X		tcdsrd	PoleWoodStrain_ep	Wood Strain Pole (Existing)	0	2 / DGN2	1
X		tcdsrd	PropertyLine_ep	Property Lines (Existing)	7	0 / Continuous	0
X	B	tcdsrd	PvtAnalysisCrown_px	Pavement Analysis Crowning on Cross Sections - Component Property	7	0 / Continuous	1
X	B	tcdsrd	PvtAnalysisFail_px	Pavement Analysis Failure on Cross Sections - Component Property	3	0 / Continuous	1
X	B	tcdsrd	PvtAnalysisMax_px	Pavement Analysis Acceptable Maximum Range on Cross Sections - Component Property	5	0 / Continuous	1
X	B	tcdsrd	PvtAnalysisMin_px	Pavement Analysis Acceptable Minimum Range on Cross Sections - Component Property	4	0 / Continuous	1
X	B	tcdsrd	PvtAnalysisOptiml_px	Pavement Analysis Optimal on Cross Sections - Component Property	2	0 / Continuous	1
X		tcdsrd	Railing_px	Railing Components and Cross Section Shapes	9	0 / Continuous	2
		tcdsrd	RailroadMP_ep	Railroad Milepost (Existing)	11	0 / Continuous	0
		tcdsrd	RailroadSgnalG_ep	Railroad Signal with Gate (Existing)	11	0 / Continuous	0
		tcdsrd	RailroadSwitch_ep	Railroad Switch (Existing)	11	0 / Continuous	0
		tcdsrd	RailroadWarn_ep	Railroad Warning Sign (Existing)	11	0 / Continuous	0
X		tcdsrd	RipRap_px	Rip Rap, Rubble on Cross Sections	4	1 / DGN1	2
		tcdsrd	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X		tcdsrd	RockGravelStone	Rock, Gravel, Stone, Boulders, Etc.	1	0 / Continuous	2
X		tcdsrd	RPM_ep	Reflective Pavement Markers (Existing)	2	2 / DGN2	1
X		tcdsrd	RPM1	Raised Pavement Markers, White	0	0 / Continuous	2
X		tcdsrd	RPM2	Raised Pavement Markers, White - Red	3	0 / Continuous	2
X		tcdsrd	RPM3	Raised Pavement Markers, Yellow	4	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		tcdsrd	RPM4	Raised Pavement Markers, Yellow - Yellow	9	0 / Continuous	2
X		tcdsrd	RPM5	Raised Pavement Markers, Yellow - Red	6	0 / Continuous	2
X		tcdsrd	RPM6	Raised Pavement Markers, Blue	1	0 / Continuous	2
X		tcdsrd	RWLine	Right of Way Lines	4	RW-Proposed	3
X		tcdsrd	RWLine_ep	Right of Way Lines (Existing)	7	RW-Existing	0
X		tcdsrd	RWLine_ex	Right of Way Lines on Cross Sections (Existing)	3	RW-Existing	1
X		tcdsrd	RWLine_px	Right of Way Lines on Cross Sections	4	RW-Proposed	2
X		tcdsrd	SanitaryFM_ex	Force Main Lines on Cross Sections (Existing)	2	2 / DGN2	1
X		tcdsrd	SanitaryFM_px	Force Main Lines on Cross Sections	2	0 / Continuous	1
X		tcdsrd	SanitarySewer_ex	Sanitary Sewer on Cross Sections (Existing)	2	2 / DGN2	0
X		tcdsrd	SanitarySewer_px	Sanitary Sewer on Cross Sections	2	0 / Continuous	1
X		tcdsrd	SanitarySewerEff_ex	Sanitary Sewer Effluent on Cross Sections (Existing)	5	0 / Continuous	0
X		tcdsrd	SanitarySewerEff_px	Sanitary Sewer Effluent on Cross Sections	5	0 / Continuous	0
		tcdsrd	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2
		tcdsrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		tcdsrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		tcdsrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		tcdsrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		tcdsrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		tcdsrd	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		tcdsrd	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		tcdsrd	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		tcdsrd	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		tcdsrd	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		tcdsrd	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
X		tcdsrd	ShldrBase_px	Shoulder Base on Cross Sections	3	0 / Continuous	2
		tcdsrd	ShldrHatch	Shoulder Hatch Pattern	1	0 / RD-PavedShldr6	1
X		tcdsrd	ShldrMilling_px	Shoulder Milling on Cross Sections - Component Property	7	0 / Continuous	2
X		tcdsrd	ShldrOverbuild_px	Shoulder Overbuild on Cross Sections - Component Property	4	0 / Continuous	1
X		tcdsrd	ShldrOverlay_px	Shoulder Overlay on Cross Sections - Component Property	1	0 / Continuous	1
X		tcdsrd	ShldrPaved	Shoulder Line (Paved)	1	0 / Continuous	1
		tcdsrd	ShldrPaved_ep	Shoulder Edge (Paved) (Existing)	1	3 / DGN3	0
X		tcdsrd	ShldrPaved_px	Shoulder Lines on Cross Sections (Paved)	1	0 / Continuous	2
X		tcdsrd	ShldrUnpaved_px	Shoulder Lines on Cross Sections (Unpaved)	2	0 / Continuous	2
X		tcdsrd	Sidewalk_ex	Sidewalk Elements on Cross Sections (Existing)	0	2 / DGN2	1
X		tcdsrd	Sidewalk_px	Sidewalk Elements on Cross Sections	0	0 / Continuous	2
X		tcdsrd	SidewalkBase_px	Sidewalk Subgrade on Cross Sections	3	0 / Continuous	2
X		tcdsrd	SidewalkConc	Sidewalk Concrete Shape	0	0 / Continuous	2
X		tcdsrd	SignalCable	Signal Cable	3	SG-Cable / Continuous	1
X		tcdsrd	SignalCableAccs	Signal Cable Accessories	0	0 / Continuous	2
X		tcdsrd	SignalDetail	Signal Details	0	0 / Continuous	1
		tcdsrd	SignalHead	Signal Head Section Details	2	0 / Continuous	1
X		tcdsrd	SignalHead_ep	Signal Head Section Details (Existing)	2	2 / DGN2	0
		tcdsrd	SignalMisc	Signal Equipment (Miscellaneous)	3	0 / Continuous	1
X		tcdsrd	SignalSOP	Signal Operating Plan (SOP) Box and Movements	0	0 / Continuous	2
X		tcdsrd	SignalSym	Signal Head Symbols	0	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		tcdsrd	SignalSym_ep	Signal Head Symbols (Existing)	3	2 / DGN2	0
X		tcdsrd	SignalWorkZone	Traffic Signal / Portable Signal	3	0 / Continuous	2
X		tcdsrd	SignCantilever	Sign Symbol Cantilever	0	0 / Continuous	1
X		tcdsrd	SignCantilever_ep	Sign Symbol Cantilever (Existing)	0	2 / DGN2	0
		tcdsrd	SignDetail	Sign Details	0	0 / Continuous	2
		tcdsrd	SignLettersAZ	Alphabet Cell Library Letter A-Z Numbers 0-9	0	0 / Continuous	0
		tcdsrd	SignMisc	Sign Symbols (Miscellaneous)	3	0 / Continuous	1
		tcdsrd	SignMisc_ep	Sign Symbols (Miscellaneous) (Existing)	1	1 / DGN1	1
X		tcdsrd	SignPanel	Sign Panels - Regulatory	0	0 / Continuous	2
X		tcdsrd	SignPanel_ep	Sign Panel Elements (Existing)	0	2 / DGN2	1
X		tcdsrd	SignPanelBorder	Sign Panel Border on Sign Details	0	0 / Continuous	1
X		tcdsrd	SignPanelC	Sign Panels - Civil	1	0 / Continuous	2
X		tcdsrd	SignPanelDetRed	Sign Panel Details in Red	3	0 / Continuous	2
X		tcdsrd	SignPanelG	Sign Panels - Guide	2	0 / Continuous	2
X		tcdsrd	SignPanelI	Sign Panels - Special Interest	9	0 / Continuous	2
X		tcdsrd	SignPanelIT	Sign Panels - Construction	6	0 / Continuous	2
X		tcdsrd	SignPanelW	Sign Panels - Warning	4	0 / Continuous	2
X		tcdsrd	SignSpanwire	Span Wire Signing Assembly	2	0 / Continuous	1
X		tcdsrd	SignSpanwire_ep	Span Wire Signing Assembly (Existing)	2	2 / DGN2	1
X		tcdsrd	SignSpecial	Special Signs / Guide Signs	2	0 / Continuous	2
X		tcdsrd	SignSupport	Ground Mounted Sign Support Symbol (All Types)	1	0 / Continuous	1
		tcdsrd	SignSupport_ep	Ground Mounted Sign Support Symbol (All Types)(Existing)	0	3 / DGN3	1
X		tcdsrd	SignSymbol_px	Sign Structure and Foundation on Cross Sections	4	0 / Continuous	2
X		tcdsrd	SignTruss	Sign Symbol Truss	3	0 / Continuous	1
X		tcdsrd	SignTruss_ep	Sign Symbol Truss (Existing)	3	2 / DGN2	1
X		tcdsrd	SignWorkZone	Work Zone Signs	6	0 / Continuous	2
X		tcdsrd	Slopes_px	Slope Lines on Cross Sections	9	0 / Continuous	2
X		tcdsrd	Sod	Performance Sod	2	0 / Continuous	2
X		tcdsrd	SoilBoxes_px	Soil Boxes and Borings on Cross Sections	4	0 / Continuous	1
		tcdsrd	SpecialDetails	Special Details	6	0 / Continuous	1
		tcdsrd	SpecialDetails_px	Special Details on Cross Sections	6	0 / Continuous	1
		tcdsrd	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
		tcdsrd	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
X		tcdsrd	StreetLights_px	Street Lights on Cross Sections	3	0 / Continuous	1
		tcdsrd	Structure	Structures	0	0 / Continuous	2
		tcdsrd	Structure_px	Signal and Sign Structures on Cross Sections	0	0 / Continuous	2
X		tcdsrd	SubDsgn_px	Sub Design on Cross Sections Including Sub-base	4	0 / Continuous	1
X		tcdsrd	Subsoil_px	Subsoil or Undercut on Cross Sections	4	0 / Continuous	2
X		tcdsrd	SubsoilFinal_px	Subsoil Final for Multiline on Cross Sections	18	0 / Continuous	1
X		tcdsrd	SubsoilProp_px	Subsoil Proposed for Multiline on Cross Sections	8	0 / Continuous	1
	B	tcdsrd	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
	B	tcdsrd	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
	B	tcdsrd	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
	A	tcdsrd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
X		tcdsrd	TeleBur_ex	Telephone on Cross Sections (Buried) (Miscellaneous) (Existing)	6	2 / DGN2	1
X		tcdsrd	TeleBur_px	Telephone on Cross Sections (Buried) (Miscellaneous)	6	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		tcdsrd	TempBarrier	Temporary Barrier	6	0 / Continuous	2
X		tcdsrd	TempBarrier_px	Temporary Barrier on Typical	6	0 / Continuous	2
X	B	tcdsrd	TemplateBottom_px	Bottom of Template for Multiline on Cross Sections	6	0 / Continuous	1
X	B	tcdsrd	TemplateFinal_px	Final Template for Multiline on Cross Sections	2	0 / Continuous	1
X	B	tcdsrd	TemplateTop_px	Top of Template for Multiline on Cross Sections	7	0 / Continuous	1
X		tcdsrd	TerrainLine_ex	Ground Line for Multiline on Cross Sections (Existing)	5	0 / Continuous	1
		tcdsrd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		tcdsrd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		tcdsrd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		tcdsrd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		tcdsrd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		tcdsrd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		tcdsrd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		tcdsrd	TextLabel	Text - Label	0	0 / Continuous	2
		tcdsrd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		tcdsrd	TextMajor	Text - Major	0	0 / Continuous	5
		tcdsrd	TextMinor	Text - Minor	0	0 / Continuous	0
		tcdsrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		tcdsrd	TextNotes	Text - Notes	4	0 / Continuous	1
		tcdsrd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		tcdsrd	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		tcdsrd	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		tcdsrd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		tcdsrd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		tcdsrd	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		tcdsrd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		tcdsrd	TextTitle	Text - Title	0	0 / Continuous	3
		tcdsrd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		tcdsrd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		tcdsrd	TextXSDrain_ex	Text - Cross Section Drainage Labels (Existing)	10	0 / Continuous	2
		tcdsrd	TextXSDrain_px	Text - Cross Section Drainage Labels	10	0 / Continuous	2
		tcdsrd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
		tcdsrd	TextXSElev_ex	Text - Cross Section Elevations (Existing)	2	0 / Continuous	1
		tcdsrd	TextXSElev_px	Text - Cross Section Elevations	0	0 / Continuous	1
X		tcdsrd	TrafficControlMisc	Traffic Control Items (Miscellaneous)	3	0 / Continuous	1
X		tcdsrd	TrafSeparator	Traffic Separator (All Types)	6	0 / Continuous	1
X		tcdsrd	TrafSeparator_ex	Traffic Separator on Cross Sections (All Types) (Existing)	6	2 / DGN2	1
X		tcdsrd	TrafSeparator_px	Traffic Separator on Cross Sections (All Types)	6	0 / Continuous	2
X		tcdsrd	TrafSeparatorBase_px	Traffic Separator Subgrade on Cross Sections	3	0 / Continuous	2
X		tcdsrd	TubularMarker_px	Tubular Markers on Typical	6	0 / Continuous	2
X		tcdsrd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
		tcdsrd	TurbidityBarrier1_ep	Turbidity Barrier 1 (Floating) (Existing)	10	1 / DGN1	2
X		tcdsrd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
		tcdsrd	TurbidityBarrier2_ep	Turbidity Barrier 2 (Staked) (Existing)	10	1 / DGN1	2
X		tcdsrd	Turf	Performance Turf	100	0 / Continuous	2
		tcdsrd	TypicalMisc	Typical Items (Miscellaneous)	0	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		tcdsrd	UtilsMisc_ex	Utility Items on Cross Sections (Miscellaneous) (Existing)	8	2 / DGN2	1
		tcdsrd	UtilsMisc_px	Utility Items on Cross Sections (Miscellaneous)	8	0 / Continuous	1
	A	tcdsrd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
		tcdsrd	VoidArea_dx	Void Area on Cross Sections	1	0 / Continuous	0
X		tcdsrd	WallBarrier	Barrier Wall (All Types)	6	0 / Continuous	2
X		tcdsrd	WallBarrier_ex	Barrier Wall on Cross Sections (Existing)	6	3 / DGN3	1
X		tcdsrd	WallBarrier_px	Barrier Wall on Cross Sections	6	0 / Continuous	2
X		tcdsrd	WallFooter_px	Wall Footer (Concrete) on Cross Sections - Component Symbology/Material on All Wall Footers/Leveling Pads	2	0 / Continuous	1
X		tcdsrd	WallGravBase_px	Gravity Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		tcdsrd	WallGravity_px	Gravity Wall on CrossSections	11	0 / Continuous	2
X		tcdsrd	WallMedianBase_px	Median Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		tcdsrd	WallRetain_px	Retaining Wall on Cross Sections	6	0 / Continuous	1
X		tcdsrd	WallShldrBase_px	Shoulder Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		tcdsrd	Water_ex	Water on Cross Sections (Existing)	1	2 / DGN2	1
X		tcdsrd	Water_px	Water on Cross Sections	1	0 / Continuous	1
X		tcdsrd	WaterNP_ex	Raw Water Pipes on Cross Sections (Existing)	5	0 / Continuous	1
X		tcdsrd	WaterNP_px	Raw Water Pipes on Cross Sections	5	0 / Continuous	1
		tcdsrd	Wetland_ex	Wetland Boundary on Cross Sections (Existing)	2	RD-Wetland-Existing	1
X		tcdsrd	XSBASETop_px	Cross Section Top of Base	3	0 / Continuous	2
X		tcdsrd	XSEXTENDGrdLine_ex	Cross Section Extend Ground Lines (Existing)	21	2 / DGN2	1
X		tcdsrd	XSGrdLine_ex	Cross Section Ground Lines (Existing)	2	2 / DGN2	1
X		tcdsrd	XSGrdLine_px	Cross Section Roadway Ground Lines	1	0 / Continuous	2
		tcdsrd	XSMisc_ex	Cross Section Roadway Items (Miscellaneous) (Existing)	4	3 / DGN3	1
		tcdsrd	XSMisc_px	Cross Section Items (Miscellaneous)	0	0 / Continuous	2
	A	tcdsrd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	tcdsrd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	tcdsrd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	tcdsrd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		tcdsrd	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1
X		tcdsrd	XSTypical_px	Cross Sections Roadway Pavement Typical	1	0 / Continuous	2

TOPORD - Existing Topography for Roadway

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point/Line	Feature Code
		topord	AccessRamp_ep	Accessible Ramp (Buildings, Docks, Sidewalks, etc.) (Not Curbs) (Existing)	0	2 / DGN2	0	L	RAMP
		topord	AgricultField_ep	Agricultural Field or Farmland (Not Groves or Orchards) (Existing)	2	3 / DGN3	0	L	AGF
		topord	AirCondition_ep	Air Conditioning Unit (Existing)	7	2 / DGN2	0	P	ACU
		topord	ArchSite_ep	Archeological Site (Existing)	2	0 / Continuous	1	L	ARST
		topord	AreaObscured_ep	Obscured Area (Existing)	3	2 / DGN2	0	L	OBSC
		topord	Attenuator_ep	Attenuation Systems (Existing)	0	0 / Continuous	1	L	ATTN
		topord	BankMent_ep	Embankment (Manmade, Top or Bottom) (Existing)	9	3 / DGN3	0	L	BNK
		topord	Beacons_ep	Beacons and Path Illumination (Existing)	0	0 / Continuous	1	P	BN
		topord	Bench_ep	Bench (Existing)	8	1 / DGN1	0	P	BNCH

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		topord	BikeRack_ep	Bicycle Rack (All Sizes) (Existing)	9	2 / DGN2	0	P	BKRK
X		topord	Bollard_ep	Bollards (Existing)	0	2 / DGN2	1	P	BOL
		topord	Bridge_ep	Bridge Approaches and Slabs (Existing)	0	3 / DGN3	1	L	APRS
		topord	BridgeEle_ep	Bridge Elements (Existing)	0	1 / DGN1	0	L	BRDG
X		topord	Building_ep	Buildings (Existing)	1	0 / Continuous	0	L	BLDG
		topord	BuildingOH_ep	Building Roof Overhang (Encroachments) (Existing)	1	1 / DGN1	0	L	BOH
		topord	Buoy_ep	Buoy (Existing)	7	0 / Continuous	0	P	BUOY
		topord	BusStop_ep	Bus Stop (Chain for Larger Structures) (Existing)	8	2 / DGN2	0	L	BSTP
		topord	CableBarrier_ep	Cable Barrier (Existing)	0	RD-CableBarrier	1	L	CBR
		topord	Campstove_ep	Campstove, Grill, Firepit, BBQ (Existing)	9	2 / DGN2	0	P	CMPST
		topord	Canal_ep	Canal, Lock (Existing)	7	3 / DGN3	0	L	CAN
		topord	Canopy_ep	Shelters of All Kinds (Gas Station, Toll Plaza, Etc.) (Existing)	0	2 / DGN2	0	L	CNPY
		topord	CattleGuard_ep	Cattle Guard (Existing)	7	1 / DGN1	0	P	CGD
		topord	Cemetery_ep	Cemetery, Grave Outlines (Existing)	0	2 / DGN2	0	L	CEM
		topord	CGBack_ep	Curb and Gutter (Back) (Existing)	4	3 / DGN3	0	L	CGB
		topord	CGep_ep	Curb / Curb and Gutter (at EP & FL) (Existing)	0	3 / DGN3	0	L	CG
		topord	CGFace_ep	Face of Curb and Gutter (Existing)	4	3 / DGN3	0	L	CGF
		topord	ConcSlabs_ep	Concrete Slabs (Existing)	0	1 / DGN1	1	L	CSL
		topord	ConstLines	Construction Lines and Preferences	1	0 / Continuous	0		
		topord	ConstLines_pm	Construction Lines	4	0 / Continuous	0		
		topord	Conveyor_ep	Conveyor Belt Systems (All Types) (Industrial, Agricultural, etc.) (Existing)	0	2 / DGN2	0	L	CONV
		topord	Core_ep	Core Sample or Test Hole (Existing)	9	0 / Continuous	0	P	CSH
		topord	CurbRamp_ep	Curb Cut Ramp (Existing)	2	3 / DGN3	0	L	CCR
		topord	CurbRampWarning_ep	Detectable Warnings on Curb Ramps (Existing)	4	3 / DGN3	0	L	CRW
		topord	Deck_ep	Deck / Porch (Existing)	7	1 / DGN1	0	L	DECK
		topord	DelineatorPost_ep	Delineator Post, Existing Metal and Flexible (Existing)	4	1 / DGN1	1	P	DLP
		topord	Ditch_ep	Ditch (Top, Bottom and Flow Lines) (Existing)	7	6 / DGN6	0	L	DTCH
		topord	DitchPavt_ep	Ditch Pavement (Existing)	0	1 / DGN1	0	L	DTCHP
		topord	Docks_ep	Docks and Wharfs (Existing)	0	1 / DGN1	0	L	DOCK
		topord	Dolphins_ep	Dolphins and Fenders (Existing)	7	1 / DGN1	0	P	DF
		topord	Driveway_ep	Driveway (Drive, Lane, Turnouts) (Existing)	7	3 / DGN3	0	L	DWY
		topord	DummyChains_ep	Dummy Chains (Existing)	0	0 / Continuous	1	L	DUMB
		topord	EndangeredL_ep	Endangered Species Line	4	0 / Continuous	1	L	ESL
		topord	EndangeredP_ep	Endangered Species Point	4	2 / DGN2	2	P	ESP
		topord	Fence_ep	Fence (All) (Existing)	6	RD-Fence	0	L	FNC
		topord	FlagPole_ep	Flag Pole (Existing)	8	1 / DGN1	0	P	FP
		topord	FloodLight_ep	Flood Light (Existing)	3	1 / DGN1	1	P	FLD
		topord	Furnace_ep	Incinerator, Boiler, or Furnace (Existing)	8	1 / DGN1	0	P	INCN
		topord	Gates_ep	Gates (Existing)	7	3 / DGN3	0	L	GT
		topord	GlareScr_ep	Glare Screen & Blinds (Existing)	0	{ curtain } / RD-Curtain	0	L	GS
		topord	Golf_ep	Golf Course Features (All Types) (Existing)	0	2 / DGN2	0	L	GOLF
		topord	GroundBrkLine_ep	Ground Break Line (Not Slopes or Embankments) (Existing)	9	3 / DGN3	0	L	GBRK
		topord	GuardrailDbl_ep	Guardrail Double Face (Existing)	0	RD-Guardrail-Double	0	L	GRDBL
		topord	GuardrailLt_ep	Guardrail Left (Existing)	0	RD-Guardrail-Left	0	L	GRL
		topord	GuardrailRt_ep	Guardrail Right (Existing)	0	RD-Guardrail-Right	0	L	GRR
		topord	HazardWaste_ep	Potential Hazardous Waste Site (Old Gas Stations, Dry Cleaners, etc.) (Existing)	4	0 / Continuous	0	P	PHW
		topord	Hole_ep	Empty Hole Test Hole (Existing)	8	1 / DGN1	0	P	HOLE

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		topord	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0		
X		topord	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2	X	
		topord	ITSCamera_ep	Intelligent Transportation System (ITS) Closed Caption TV Camera Pole (Existing)	3	1 / DGN1	0	P	ITCP
		topord	ITSFiberCableB_ep	Intelligent Transportation System (ITS) Fiber Cable Quality Level A Locate (Buried) (Existing)	0	UT-BuriedFOC(B)-Existing	1	L	ITFCA
		topord	ITSFiberCableB_ep	Intelligent Transportation System (ITS) Fiber Cable Quality Level B Locate (Buried) (Existing)	0	UT-BuriedFOC(B)-Existing	1	L	ITFCB
		topord	ITSFiberCableC_ep	Intelligent Transportation System (ITS) Fiber Cable Quality Level C Locate (Buried) (Existing)	0	UT-BuriedFOC(C)-Existing	1	L	ITFCC
		topord	ITSFiberCableD_ep	Intelligent Transportation System (ITS) Fiber Cable Quality Level D Locate (Buried) (Existing)	0	UT-BuriedFOC(D)-Existing	1	L	ITFCD
		topord	ITSFiberSpliceE_ep	Intelligent Transportation System (ITS) Fiber Spliced Enclosure (Existing)	3	1 / DGN1	1	P	SPLE
		topord	ITSFiberSpliceV_ep	Intelligent Transportation System (ITS) Fiber Spliced Vault (Buried) (Existing)	3	1 / DGN1	1	P	SPLV
		topord	ITSPwrSupply_ep	Intelligent Transportation System (ITS) Closed Caption TV Power Supply (Wired, Solar, etc) (Existing)	3	1 / DGN1	0	P	ITPS
		topord	ITSVehSensor_ep	Intelligent Transportation System (ITS) Vehicle Sensor (Infrared) (Existing)	3	1 / DGN1	0	P	ITVS
		topord	LandscapeBordr_ep	Landscape Planter Structures and Areas (Existing)	2	2 / DGN2	0	L	PLNT
		topord	LaneLine_ep	Lane Lines - Delineates Travel Lanes(Existing)	0	RD-LaneLine-Existing	1	L	LL
		topord	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1		
		topord	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1		
		topord	LowBrdgMemb_ep	Low Member of Bridge (Existing)	0	2 / DGN2	0	L	LMB
		topord	Mailbox_ep	Mailbox (Existing)	8	1 / DGN1	0	P	MBX
		topord	MHWL_TIIF_Line	TIIF:Mean / Ordinary High Water Lines	7	0 / Continuous	3	L	MHWL
		topord	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0		
		topord	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1		
		topord	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2		
		topord	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0		
		topord	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1		
		topord	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2		
		topord	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0		
		topord	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1		
		topord	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2		
		topord	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3		
		topord	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0		
		topord	MonumentAT_ep	Monuments - Aerial Targets (Existing)	4	0 / Continuous	0	P	AT
		topord	MonumentCC_ep	Monuments - Concrete (Cast) (Existing)	4	0 / Continuous	0	P	CMON
		topord	MonumentCP_ep	Monuments - Concrete (Poured) (Existing)	4	0 / Continuous	0	P	PMON
		topord	MonumentDH_ep	Monuments - Drill Hole, Plug (Control Monumentation) (Existing)	4	0 / Continuous	0	P	DH
		topord	MonumentDR_ep	Monuments - Deep Rod Mark (Existing)	4	0 / Continuous	0	P	DRM
		topord	MonumentIRC_ep	Monuments - 5/8 Rod and Cap (Existing)	4	0 / Continuous	0	P	IRC
		topord	MonumentNL_ep	Monuments - Nail, Spike, Pin (Control Monumentation) (Existing)	4	0 / Continuous	0	P	NL
		topord	MonumentOM_ep	Monuments - Other Marker (Control Monumentation) (Existing)	4	0 / Continuous	0	P	OM
		topord	MonumentPIP_ep	Monuments - Metal Pipe, Rod, Bar (Control) (Existing)	4	0 / Continuous	0	P	PIP
		topord	MonumentPST_ep	Monuments - Post, Stake, Staub (Control Monumentation) (Existing)	4	0 / Continuous	0	P	PST
		topord	MonumentSAT_ep	Monuments - Hub and Tac (Existing)	4	0 / Continuous	0	P	SAT
		topord	MonumentSTD_ep	Monuments - Stamped Disk (Existing)	4	0 / Continuous	0	P	STMD
		topord	MonumentSTP_ep	Monuments - Stamped Plate (Existing)	4	0 / Continuous	0	P	STMP
		topord	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0		
		topord	ParkMeter_ep	Parking Meter (Existing)	8	1 / DGN1	0	P	PKGM
		topord	PavtAsphalt_ep	Asphalt Pavement Edge (Existing)	0	3 / DGN3	1	L	AP
		topord	PavtAsphaltCrown_ep	Asphalt Pavement Crown (Existing)	0	4 / DGN4	1	L	AC

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		topord	PavtBreak_ep	Pavement Slope Break Line (Existing)	0	3	0	L	PAVBRK
		topord	PavtBrick_ep	Brick Pavement Edge (Roadways and Sidewalks) (Existing)	6	3 / DGN3	1	L	BRCK
		topord	PavtConcJoints_ep	Concrete Pavement Joints (Existing)	1	5 / DGN5	1	L	CPVJ
		topord	PavtConcrete_ep	Concrete Pavement Edges (Existing)	0	3 / DGN3	1	L	CPVT
		topord	PavtConcreteCrown_ep	Concrete Pavement Crown (Existing)	0	4 / DGN4	1	L	CPVC
		topord	PavtMisc_ep	Pavement Parking Lot/Guardrail/Miscellaneous Pavement (Existing)	7	3 / DGN3	0	L	MP
		topord	PavtTractorXing_ep	Tractor Crossings (Existing)	0	3 / DGN3	1	L	TX
		topord	PavtXover_ep	Crossovers and Detours (Temporary) (Existing)	0	3 / DGN3	0	L	XO
		topord	PedSignal_ep	Pedestrian Signal Unit, Signage (Existing)	0	2 / DGN2	0	P	PS
		topord	PilingColumn_ep	Pilings and Columns (All Types) (Existing)	8	3 / DGN3	0	L	PILE
		topord	PilingPt_ep	Pilings, Piers, or Columns (Existing)	8	3 / DGN3	0	P	PIL
		topord	Playground_ep	Playground Equipment (Existing)	9	2 / DGN2	0	P	PLEQ
		topord	PMAccessible_ep	Pavement Marking Symbol - Accessible (Handicap) (Existing)	0	2 / DGN2	0	P	HNDC
		topord	PMAHEAD_ep	Pavement Marking Symbol - AHEAD (Existing)	0	2 / DGN2	0	P	AHEAD
		topord	PMBIKE_ep	Pavement Marking Symbol Bicycle (Existing)	0	2 / DGN2	0	P	BIKE
		topord	PMBUS_ep	Pavement Marking Symbol BUS (Existing)	0	2 / DGN2	0	P	BUS
		topord	PMHUMP_ep	Pavement Marking Symbol HUMP (Existing)	0	2 / DGN2	0	P	HUMP
		topord	PMLANE_ep	Pavement Marking Symbol LANE (Existing)	0	2 / DGN2	0	P	LANE
		topord	PMMERGE_ep	Pavement Marking Symbol MERGE (Existing)	0	2 / DGN2	0	P	MERGE
		topord	PMONLY_ep	Pavement Marking Symbol ONLY (Existing)	0	2 / DGN2	0	P	ONLY
		topord	PMRK_ep	Pavement Markings (Exclude Travel Lanes) (Existing)	0	2 / DGN2	0	L	PMRK
		topord	PMRLS_ep	Pavement Marking Symbol Restricted Lane Pavement MarkingSymbol (Existing)	0	2 / DGN2	0	P	RLS
		topord	PMRXR_ep	Pavement Marking Symbol RXR (Railroad Crossing) (Existing)	0	2 / DGN2	0	P	RXR
		topord	PMSCHOOL_ep	Pavement Marking Symbol SCHOOL (Existing)	0	2 / DGN2	0	P	SCHOOL
		topord	PMSIGNAL_ep	Pavement Marking Symbol SIGNAL (Existing)	0	2 / DGN2	0	P	SIGNAL
		topord	PMSLOW_ep	Pavement Marking Symbol SLOW (Existing)	0	2 / DGN2	0	P	SLOW
		topord	PMSTAL_ep	Pavement Marking Symbol Straight and Turn Arrow Left (Existing)	0	2 / DGN2	0	P	STAL
		topord	PMSTAR_ep	Pavement Marking Symbol Straight and Turn Arrow Right (Existing)	0	2 / DGN2	0	P	STAR
		topord	PMSTAROW_ep	Pavement Marking Symbol Straight Direction Arrow (Existing)	0	2 / DGN2	0	P	STAROW
		topord	PMSTOP_ep	Pavement Marking Symbol STOP (Existing)	0	2 / DGN2	0	P	STOP
		topord	PMTAL_ep	Pavement Marking Symbol Turn Arrow Left (Existing)	0	2 / DGN2	0	P	TAL
		topord	PMTALR_ep	Pavement Marking Symbol Turn Arrow Left and Right (Existing)	0	2 / DGN2	0	P	TALR
		topord	PMTAR_ep	Pavement Marking Symbol Turn Arrow Right (Existing)	0	2 / DGN2	0	P	TAR
		topord	PMTURN_ep	Pavement Marking Symbol TURN (Existing)	0	2 / DGN2	0	P	TURN
		topord	PMYIELD_ep	Pavement Marking Symbol YIELD (Existing)	0	2 / DGN2	0	P	YIELD
		topord	PMZONE_ep	Pavement Marking Symbol ZONE (Existing)	0	2 / DGN2	0	P	ZONE
		topord	Pools_ep	Pools and Fountains (Not Ponds) (All Types) (Existing)	7	0 / Continuous	1	L	POOL
		topord	Post_ep	Post or Pole (Not Monument) (Existing)	0	1 / DGN1	0	P	POST
		topord	PumpIsland_ep	Pump Island (Existing)	7	3 / DGN3	1	L	PMPIS
		topord	Railing_ep	Railings (All Types); Piperail, Guiderail, Handrail Used for Pedestrian and Bicycles (Existing)	9	3 / DGN3	0	L	HNDRL
		topord	RailroadMP_ep	Railroad Milepost (Existing)	11	0 / Continuous	0	P	RRMP
		topord	RailroadSignalG_ep	Railroad Signal with Gate (Existing)	11	0 / Continuous	0	P	SWG
		topord	RailroadSwitch_ep	Railroad Switch (Existing)	11	0 / Continuous	0	P	RRS
		topord	RailroadTracks_ep	Railroad Tracks (Rail, Bed) (Existing)	4	3 / DGN3	0	L	RR
		topord	RailroadWarn_ep	Railroad Warning Sign (Existing)	11	0 / Continuous	0	P	RRWS
		topord	RailroadXing_ep	Railroad Crossing (Roadway Platforms), Railroad Signal w/ Gate (Existing)	11	3 / DGN3	0	L	RRX
X		topord	RefPtLine	Survey Reference Point Line / Detail (Miscellaneous)	0	0 / Continuous	1	L	REFL
X		topord	RefPtText	Annotation: Text: Survey Data Reference Point (Miscellaneous)	0	0 / Continuous	1		
		topord	RipRap_ep	Rip Rap, Rubble (Existing)	4	3 / DGN3	1	L	RIP
X		topord	RRBaseline	Railroad Center Line	0	RW-RailroadBL	0	L	RRCL

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		topord	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0		
		topord	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0		
		topord	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0		
		topord	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0		
101		topord	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2	10 1	
		topord	ShldrPaved_ep	Shoulder Edge (Paved) (Existing)	1	3 / DGN3	0	L	SHLDR
		topord	ShldrUnpaved_ep	Shoulders (Unpaved) (Existing)	0	3 / DGN3	0	L	UNPS
		topord	Shrub_ep	Shrub, Bush (Existing)	2	0 / Continuous	0	P	SHR
		topord	ShrubConiferous_ep	Shrub (Coniferous) (Existing)	2	0 / Continuous	0	P	SHRC
		topord	ShrubDeciduous_ep	Shrub (Deciduous) (Existing)	2	0 / Continuous	0	P	SHRD
		topord	ShrubHedge_ep	Hedges and Shrubs (Boundary) (Existing)	2	0 / Continuous	0	L	HED
		topord	ShrubOrnamental_ep	Shrub (Ornamental Plant) (Existing)	2	0 / Continuous	0	P	OP
		topord	SidewalkBack_ep	Sidewalk (Backs) (Existing)	2	3 / DGN3	0	L	SWKB
		topord	SidewalkFront_ep	Sidewalk (Fronts) (Existing)	1	3 / DGN3	0	L	SWK
		topord	Signal_ep	Signal Head (Existing)	3	1 / DGN1	1	P	SIG
		topord	SignalControl_ep	Signal Controller (Existing)	3	2 / DGN2	0	P	SIGC
		topord	SignalLoop_ep	Traffic Detector Loops (Existing)	7	1 / DGN1	2	L	TFD
		topord	SignalPedestal_ep	Signal on Pedestal (Existing)	3	1 / DGN1	1	P	SIGP
		topord	SignalSupport_ep	Signal Support Including Mast Arm (Existing)	3	2 / DGN2	0	P	SMA
		topord	SignalSupportExt_ep	Signal Support Mast Arm Extension (Existing)	3	2 / DGN2	0	L	SMAE
		topord	SignColumn_ep	Cantilever Sign Column (Large) (Existing)	0	3 / DGN3	1	P	SGNC
		topord	SignMulti_ep	Multi-column Sign (Large Sign) (Existing)	0	3 / DGN3	1	L	MS
		topord	SignSingle_ep	Sign (Single Pole Support) (Existing)	3	2 / DGN2	0	P	SSS
		topord	SignTrussOH_ep	Trusses and Cantilevers for Overhead Signs (Existing)	0	3 / DGN3	1	L	SGNT
		topord	Silo_ep	Silo (Existing)	11	2 / DGN2	0	P	SILO
		topord	Slopes_ep	Natural Slopes (Top or Bottom) (Existing)	9	3 / DGN3	0	L	SLP
		topord	SlopesLevee_ep	Levees, Dikes, or Dams (Top or Bottom) (Existing)	9	3 / DGN3	0	L	LV
		topord	SpanWire_ep	Signal / Span Wire Pole (Existing)	3	2 / DGN2	0	L	SSW
		topord	SpanWireP_ep	Signal / Span Wire Pole (Existing)	3	2 / DGN2	0	P	SSP
		topord	SpecialDetails	Special Details	6	0 / Continuous	1		
		topord	Stairs_ep	Stairways, Steps (Existing)	0	3 / DGN3	1	L	STP
		topord	StockPile_ep	Stock Piles (All Types) (Dirt, Gravel, Sand, etc.) (Existing)	9	2 / DGN2	0	L	STCKP
		topord	StreamCtr_ep	Stream Center (Existing)	1	3 / DGN3	0	L	STRMC
		topord	StreamEdge_ep	Stream Edge (Existing)	1	3 / DGN3	0	L	STRM
		topord	StreamGauge_ep	Stream or Tide Gauge (Existing)	7	0 / Continuous	0	P	TG
		topord	Stump_ep	Stump (Existing)	2	0 / Continuous	0	P	STM
X		topord	SUEL_TIITF_Line	DEP:TIITF:Safe Upland Elevation Lines or Jurisdictional Lines established by DEP methodology	2	RW-PerpetualEasement	3	L	SUEL
	A	topord	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1		
		topord	TankStor_ep	Storage Tank (Existing)	11	3 / DGN3	0	P	STTK
		topord	TankUG_ep	Fill Cap (Buried Tank) (Existing)	3	1 / DGN1	0	P	FC
		topord	TempBarrier_ep	Temporary Barrier Dividing Traffic (All) (Existing)	6	3 / DGN3	0	L	TMPW
		topord	TextConstEle	Text - Construction Element	0	0 / Continuous	1		
		topord	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2		
		topord	TextLabel	Text - Label	0	0 / Continuous	2		
		topord	TextMisc	Text - Miscellaneous	0	0 / Continuous	1		
		topord	TextNotes	Text - Notes	4	0 / Continuous	1		
		topord	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1		
		topord	TopoMisc_ep	Topography (Miscellaneous) (Existing)	0	3 / DGN3	1	L	MISC

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		topord	TrafSeparator_ep	Traffic Separator (Existing)	6	3 / DGN3	0	L	TFSP
		topord	Trail_ep	Roadway, Trail (Unpaved) (Existing)	9	3 / DGN3	1	L	RD
		topord	Trash_ep	Dumpster, Trash Disposal (Existing)	9	0 / Continuous	0	P	DMP
		topord	Treadle_ep	Treadle (Existing)	7	1 / DGN1	5	L	TRD
		topord	Tree_ep	Tree (Unknown) (Existing)	2	0 / Continuous	0	P	TREE
		topord	TreeCitrus_ep	Tree (Citrus) (Existing)	2	0 / Continuous	0	P	TREECI
		topord	TreeConiferous_ep	Tree (Coniferous) (Existing)	2	0 / Continuous	0	P	TREEC
		topord	TreeCypress_ep	Tree (Cypress) (Existing)	2	0 / Continuous	0	P	TREECY
		topord	TreeDeciduous_ep	Tree (Deciduous) (Existing)	2	0 / Continuous	0	P	TREED
		topord	TreeDripLine_ep	Tree Drip Line for Delineating Root Systems (Existing)	2	2 / DGN2	0	L	DRIP
		topord	TreeLineGrove_ep	Groves & Orchards (Boundary) (Existing)	2	RD-TreeLine	0	L	GRV
		topord	TreeLineScatter_ep	Scattered Trees (Boundary) (Existing)	2	RD-TreeLine	0	L	SCT
		topord	TreeLineWoods_ep	Woods Line (Existing)	2	RD-TreeLine	0	L	WDL
		topord	TreeOak_ep	Tree (Oak) (Existing)	2	0 / Continuous	0	P	TREEOA
		topord	TreePalm_ep	Tree (Palm) (Existing)	2	0 / Continuous	0	P	TREEPA
		topord	TreePalmCluster_ep	Tree (Palm Cluster) (Existing)	2	0 / Continuous	0	P	TREEPC
		topord	TreePine_ep	Tree (Pine) (Existing)	2	0 / Continuous	0	P	TREEPI
		topord	Tributary_ep	Spring (Water Source) (Existing)	1	0 / Continuous	0	P	SPR
X		topord	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2	X	
X		topord	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2	X	
	A	topord	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0		
		topord	VoidArea_ep	Void Area (No Locations Collected) (Existing)	3	2 / DGN2	0	L	VOID
		topord	Wall_ep	Walls (Existing)	9	3 / DGN3	1	L	WALL
		topord	WallBarrier_ep	Wall Dividing Traffic (All) (Existing)	6	3 / DGN3	0	L	BARW
		topord	WallRetainEarth_ep	Wall Holding Earth (All) (Existing)	6	3 / DGN3	0	L	RETW
		topord	WallSea_ep	Sea Walls (Existing)	0	1 / DGN1	3	L	SEAW
		topord	WaterEdge_ep	Edge of Water (Existing)	7	3 / DGN3	0	L	WEDG
		topord	Wetland_ep	W.M.D. & D.E.P. Wetlands (Existing)	1	RD-Wetland-Existing	0		
		topord	WetlandCOE_ep	United States Army Corps of Engineers (COE) Wetlands (Marsh or Swamp) (Existing)	2	RD-Wetland-Existing	0	L	COE
		topord	WetlandDEP_ep	Water Management Districts (WMD) & Florida Department of Environmental Protection (DEP) Wetlands (Existing)	1	RD-Wetland-Existing	0	L	DEP
		topord	WetlandEM_ep	Edge of Mangrove (Existing)	2	RD-Wetland-Existing	0	L	EM
		topord	WetlandMAR_ep	Edge of Wetlands (Marsh or Swamp) (Existing)	2	RD-Wetland-Existing	0	L	MAR
		topord	WetlandSym_ep	Wetland Point (Existing)	2	1 / DGN1	0	P	WLPT
		topord	WindMill_ep	Wind Mill (Existing)	1	1 / DGN1	0	P	WIM
	A	topord	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1		
	A	topord	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1		
	A	topord	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1		
	A	topord	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1		
		topord	XSPatternlines_ep	Cross Section Chain (Existing)	2	1 / DGN1	0	L	XSC
		topord	XSPT_ep	Cross Section Point, Station (Existing)	2	1 / DGN1	0	P	XS

TYPDRD - Typical Section Data

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	typdrd	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	typdrd	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
X		typdrd	AdvWarnPanel	Advance Warning Arrow Panels	4	0 / Continuous	2
X		typdrd	AdvWarnVehicle	Work/Shadow/Advanced Warning Vehicle	3	0 / Continuous	2
X		typdrd	Attenuator	Attenuator Systems	6	MOT-Attenuator	1
X		typdrd	AttenuatorTM	Attenuator Truck Mount	6	0 / Continuous	2
X		typdrd	Barricade_px	Barricades Type I and II, Vertical Panels on Typical	6	0 / Continuous	2
X		typdrd	BarricadeIII	Barricade Type III	6	0 / Continuous	2
X		typdrd	BarricadeIII_px	Barricade Type III on Typical	6	0 / Continuous	2
		typdrd	BLSurvey_px	Baseline Survey on Cross Sections	0	0 / Continuous	2
		typdrd	BaselineSurvey	Baseline Survey	0	0 / Continuous	2
X		typdrd	Berm_px	Berm (Top, Front, or Back) on Cross Sections	10	0 / Continuous	2
X		typdrd	BoxCulvert	Box Culvert	10	0 / Continuous	2
X		typdrd	Bridge_px	Bridge Component on Cross Sections - Component Property	0	0 / Continuous	2
X		typdrd	CableBarrier_px	Cable Barrier on CrossSections	0	0 / Continuous	2
X		typdrd	CandG_ex	Curb and Gutter on Cross Sections (All Types) (Existing)	4	2 / DGN2	1
X		typdrd	CandG_px	Curb and Gutter on Cross Sections (All Types)	4	0 / Continuous	2
X		typdrd	CandGBase_px	Curb and Gutter Base on Cross Sections	3	0 / Continuous	1
X		typdrd	CATVBur_ex	Cable TV and Miscellaneous on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		typdrd	CATVBur_px	Cable TV and Miscellaneous on Cross Sections (Buried)	6	0 / Continuous	1
X		typdrd	ChannelDev	Channelizing Devices	0	0 / Continuous	2
X		typdrd	ChannelDevPed_px	Longitudinal Channelizing Device for Pedestrians on Typical	6	0 / Continuous	2
		typdrd	CLConst_dp	Center Line of Construction	0	0 / Continuous	2
X		typdrd	CLConst_px	Center Line of Construction on Cross Sections	0	0 / Continuous	2
		typdrd	Cloud_dp	Construction Cloud	7	0 / Continuous	2
		typdrd	COGO_dp	COGO Information	3	0 / Continuous	1
X		typdrd	Concrete	Concrete Areas and Miscellantous (All Types)	0	0 / Continuous	2
X		typdrd	Concrete_px	Concrete Boundary Lines on Cross Sections	0	0 / Continuous	2
X		typdrd	ConcSlabs	Concrete Slabs	0	0 / Continuous	2
X		typdrd	Conduit_ex	Conduit and Encasements on Cross Sections (Existing)	3	2 / DGN2	1
X		typdrd	Conduit_px	Conduit and Encasements on Cross Sections	3	0 / Continuous	1
X		typdrd	Cone_px	Cone and Tubular Marker on Typical	6	0 / Continuous	2
		typdrd	ConstArea_dp	Construction Area Crosshatch	0	0 / Continuous	1
		typdrd	ConstLimits	Construction Limits	3	RW-LimitsofConst	0
		typdrd	ConstLines	Construction Lines and References	1	0 / Continuous	0
		typdrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
X		typdrd	CurbBack	Back of Curb	4	0 / Continuous	1
X		typdrd	CurbFace	Curb and Gutter (Face)	4	0 / Continuous	1
X		typdrd	CurbRamp	Curb Cut Ramp	8	0 / Continuous	1
		typdrd	CurveData_dp	Curve and Coordinate Data Elements Including PC, PT, PI Symbols	4	0 / Continuous	2
		typdrd	CurveDataLabel_dp	Curve Data Labels PC,PI, PT	0	0 / Continuous	2
		typdrd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		typdrd	DirArrowsPavt	Pavement Marking Directional Arrows	0	0 / Continuous	1
X		typdrd	Ditch	Ditch Top	7	6 / DGN6	1
X		typdrd	Ditch_px	Ditch Top on Cross Sections	7	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		typdrd	DitchBot	Ditch Bottom	10	0 / Continuous	2
X		typdrd	DitchBot_px	Ditch Bottom on Cross Sections	10	0 / Continuous	2
X		typdrd	DitchPavt	Ditch Pavement Including Quantity Shapes	3	0 / Continuous	1
X		typdrd	DitchPavt_px	Ditch Pavement on Cross Sections	3	0 / Continuous	3
		typdrd	DitchProfLt_er	Ditch Profile Left (Existing)	8	3 / DGN3	1
		typdrd	DitchProfLt_pr	Ditch Profile Left	8	0 / Continuous	1
		typdrd	DitchProfMdn_er	Ditch Profile Median (Existing)	10	3 / DGN3	1
		typdrd	DitchProfMdn_pr	Ditch Profile Median	10	0 / Continuous	1
		typdrd	DitchProfRt_er	Ditch Profile Right (Existing)	9	3 / DGN3	1
		typdrd	DitchProfRt_pr	Ditch Profile Right	9	0 / Continuous	1
		typdrd	DrainAlert_px	Alert Symbology for Structural Elements on Cross Sections	3	0 / Continuous	2
		typdrd	DrainMisc_ex	Drainage Elements on Cross Sections (All) (Miscellaneous) (Existing)	10	3 / DGN3	1
X		typdrd	DrainStruct_ex	Drainage Structures on Cross Sections (All) (Existing)	10	3 / DGN3	1
X		typdrd	DrainStruct_pr	Drainage Structures (All Types)	10	0 / Continuous	2
X		typdrd	DrainStruct_px	Drainage Structures and Elements on Cross Sections (Miscellaneous)	10	0 / Continuous	2
X		typdrd	Driveway_ex	Driveway Lines on Cross Sections (Existing)	7	2 / DGN2	2
X		typdrd	Driveway_px	Driveway Lines on Cross Sections	7	0 / Continuous	2
X		typdrd	DrivewayBase_px	Driveway Subgrade on Cross Sections	3	0 / Continuous	2
X		typdrd	Drum_px	Drum on Typical	6	0 / Continuous	2
X		typdrd	DTM_ex	Digital Terrain Model on Cross Sections (Existing)	2	2 / DGN2	1
X		typdrd	DTM_px	Digital Terrain Model on Cross Sections	1	0 / Continuous	0
		typdrd	Earthwork1_px	Earthwork (Color 0) on Cross Sections	0	0 / Continuous	1
		typdrd	Earthwork2_px	Earthwork (Color 1) on Cross Sections	1	0 / Continuous	1
		typdrd	Earthwork3_px	Earthwork (Color 2) on Cross Sections	2	0 / Continuous	1
		typdrd	Earthwork4_px	Earthwork (Color 3) on Cross Sections	3	0 / Continuous	1
		typdrd	Earthwork5_px	Earthwork (Color 4) on Cross Sections	4	0 / Continuous	1
X		typdrd	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		typdrd	EasePerpLine	Easement Lines Perpetual	4	RW-PerpetualEasement	2
X		typdrd	EasePerpLine_px	Easement Lines Perpetual on Cross Sections	4	RW-PerpetualEasement	1
X		typdrd	EaseTempLine	Easement Lines Temporary	6	RW-TemporaryEasement	1
X		typdrd	EaseTempLine_px	Easement Lines Temporary on Cross Sections	6	RW-TemporaryEasement	0
X		typdrd	ElecBur_ex	Electrical on Cross Sections (Buried) (Existing)	3	2 / DGN2	1
X		typdrd	ElecBur_px	Electrical on Cross Sections (Buried)	3	0 / Continuous	1
X		typdrd	Endwall	Endwall (All Types)	10	0 / Continuous	2
X		typdrd	Endwall_px	Endwall on Cross Sections	10	0 / Continuous	2
		typdrd	ExcavationLimits_dp	Excavation Limits on Cross Sections	0	0 / Continuous	1
X		typdrd	Fence	Fence, Sand Fence	6	RD-Fence	1
		typdrd	Fence_ex	Fence Lines on Cross Sections (Existing)	6	3 / DGN3	1
X		typdrd	Fence_px	Fence Lines on Cross Sections	6	RD-Fence	2
X		typdrd	FenceLt	Fence Limited Access Left	6	RD-Fence	1
X		typdrd	FenceRt	Fence Limited Access Right	6	RD-Fence	1
X		typdrd	FES	Flared End Sections	10	0 / Continuous	2
X		typdrd	FES_px	Flared End Sections on Cross Sections	10	0 / Continuous	2
X		typdrd	Flagman	Flagman	6	0 / Continuous	2
X		typdrd	FOCBur_ex	Fiber Optics Cable on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		typdrd	FOCBur_px	Fiber Optics Cable on Cross Sections (Buried)	6	0 / Continuous	1
X		typdrd	FOEBur_ex	Fiber Optics Electrical on Cross Sections (Buried) (Existing)	3	2 / DGN2	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		typdrd	FOEBur_px	Fiber Optics Electrical on Cross Sections (Buried)	3	0 / Continuous	1
X		typdrd	FOTBur_ex	Fiber Optics Telephone on Cross Sections (Buried) (Existing)	6	2 / DGN2	1
X		typdrd	FOTBur_px	Fiber Optics Telephone on Cross Sections (Buried)	6	0 / Continuous	1
X		typdrd	Gas_ex	Gas Pipe and Fittings on Cross Sections (Miscellaneous) (Existing)	4	2 / DGN2	1
X		typdrd	Gas_px	Gas Pipe and Fittings on Cross Sections (Miscellaneous)	4	0 / Continuous	1
		typdrd	GeotechFillPatt1	Geotechnical Fill Pattern - (Earth, Wood, Muck, Concrete, Rock, Riprap) as Defined in Project	3	0 / Continuous	0
		typdrd	GeotechFillPatt1_px	Geotechnical Fill Pattern on Cross Sections - (Earth, Wood, Muck, Concrete, Rock, Riprap) as Defined in Project	3	0 / Continuous	0
		typdrd	GeotechFillPatt2	Geotechnical Fill Pattern - Clay, Sand	0	1 / DGN1	0
		typdrd	GeotechFillPatt2_px	Geotechnical Fill Pattern on Cross Sections - Clay, Sand	0	1 / DGN1	0
		typdrd	GeotechFillPatt3	Geotechnical Fill Pattern - Shell	3	1 / DGN1	0
		typdrd	GeotechFillPatt3_px	Geotechnical Fill Pattern on Cross Sections - Shell	3	1 / DGN1	0
		typdrd	GeotechFillPatt4	Geotechnical Fill Pattern - Sand	4	0 / Continuous	0
		typdrd	GeotechFillPatt4_px	Geotechnical Fill Pattern on Cross Sections - Sand	4	0 / Continuous	0
		typdrd	GeotechFillPatt5	Geotechnical Fill Pattern - Coquina	1	0 / Continuous	1
		typdrd	GeotechFillPatt5_px	Geotechnical Fill Pattern on Cross Sections - Coquina	1	0 / Continuous	1
		typdrd	GeotechFillPatt6	Geotechnical Fill Pattern - Limestone	2	0 / Continuous	0
		typdrd	GeotechFillPatt6_px	Geotechnical Fill Pattern on Cross Sections - Limestone	2	0 / Continuous	0
		typdrd	GeotechFillPatt7	Geotechnical Fill Pattern - Gravel	6	0 / Continuous	0
		typdrd	GeotechFillPatt7_px	Geotechnical Fill Pattern on Cross Sections - Gravel	6	0 / Continuous	0
		typdrd	GeotechFillPatt8	Geotechnical Fill Pattern - Silt	0	0 / Continuous	1
		typdrd	GeotechFillPatt8_px	Geotechnical Fill Pattern on Cross Sections - Silt	0	0 / Continuous	1
		typdrd	GeotechMisc	Geotechnical Elements (Miscellaneous)	0	0 / Continuous	1
X		typdrd	GovTwpRgeLine_ep	Government:Township and Range Government Survey Line	2	RW-TownshipRange	3
	B	typdrd	GPKDrBack_dp	Back Point on Drainage Cells	2	2 / DGN2	2
	B	typdrd	GPKDrBottom_dp	Bottom Point on Drainage Cells	3	3 / DGN3	2
	B	typdrd	GPKDrCellIns_dp	Cell Insertion Point on Drainage Cells	4	4 / DGN4	2
	B	typdrd	GPKDrCentroid_dp	Point on Centroid for Drainage	7	7 / DGN7	2
	B	typdrd	GPKDrFront_dp	Front Point on Drainage Cells	1	1 / DGN1	2
	B	typdrd	GPKDrPipe_dp	Point on Drainage Pipe	6	6 / DGN6	2
	B	typdrd	GPKDrPipeCir_dp	Point on Pipe Circular	6	6 / DGN6	0
X		typdrd	Grass	Grass, Seeding and Mulching Areas	2	1 / DGN1	2
		typdrd	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		typdrd	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		typdrd	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
		typdrd	GroundCover	Groundcover Edge Symbol	2	0 / Continuous	1
		typdrd	GroundCoverHatch	Groundcover Hatch Pattern	2	0 / Continuous	0
X		typdrd	Guardrail	Guardrail	1	0 / Continuous	1
X		typdrd	Guardrail_ex	Guardrail Lines on Cross Sections (Existing)	0	2 / DGN2	2
X		typdrd	GuardrailBRLt	Guardrail Bridge (Left)	0	RD-Guardrail-Left	1
X		typdrd	GuardrailBRRt	Guardrail Bridge (Right)	0	RD-Guardrail-Right	1
X		typdrd	GuardrailDbl	Guardrail (Double Face)	0	RD-Guardrail-Double	1
X		typdrd	GuardrailEndAch	Guardrail (End Anchorage)	0	0 / Continuous	1
X		typdrd	GuardrailLt	Guardrail (Left)	0	RD-Guardrail-Left	1
X		typdrd	GuardrailModThrieDbl	Guardrail Modified Thrie Beam (Double Face)	0	RD-Guardrail-Double	1
X		typdrd	GuardrailModThrieLt	Guardrail Modified Thrie Beam (Left)	0	RD-Guardrail-Left	1
X		typdrd	GuardrailModThrieRt	Guardrail Modified Thrie Beam (Right)	0	RD-Guardrail-Right	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		typdrd	GuardrailPanel_px	Guardrail Component Property on Cross Sections for 3D Guardrail Panels	11	0 / Continuous	1
X	B	typdrd	GuardrailPost_px	Guardrail Component Property on Cross Sections for 3D Guardrail Posts	10	0 / Continuous	0
X		typdrd	GuardrailPRDbl	Guardrail Double Face w/ Pipe Rail	0	RD-Guardrail-Double	1
X		typdrd	GuardrailPRLt	Guardrail Left w/ Pipe Rail	0	RD-Guardrail-Left	1
X		typdrd	GuardrailPRRt	Guardrail Right w/ Pipe Rail	0	RD-Guardrail-Right	1
X		typdrd	GuardrailRRDbl	Guardrail Double Face w/ Rub Rail	0	RD-Guardrail-Double	1
X		typdrd	GuardrailRRLt	Guardrail Left w/ Rub Rail	0	RD-Guardrail-Left	1
X		typdrd	GuardrailRRRt	Guardrail Right w/ Rub Rail	0	RD-Guardrail-Right	1
X		typdrd	GuardrailRt	Guardrail Right	0	RD-Guardrail-Right	1
X		typdrd	GuardrailThrieDbl	Guardrail Thrie Beam Double Face	0	RD-Guardrail-Double	1
X		typdrd	GuardrailThrieLt	Guardrail Thrie Beam Left	0	RD-Guardrail-Left	1
X		typdrd	GuardrailThriePRLt	Guardrail Thrie Beam Left w/ Pipe Rail	0	RD-Guardrail-Left	1
X		typdrd	GuardrailThriePRRt	Guardrail Thrie Beam Right w/ Pipe Rail	0	RD-Guardrail-Right	1
X		typdrd	GuardrailThrieRt	Guardrail Thrie Beam Right	0	RD-Guardrail-Right	1
		typdrd	HardscapeDetails	Paving Details, Fence Railing, Stamped Asphalt	4	0 / Continuous	2
		typdrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		typdrd	Inlet_px	Inlets on Cross Sections	10	0 / Continuous	2
X		typdrd	InletBottom_px	Inlet Bottom on Cross Sections (All Types)	10	0 / Continuous	2
X		typdrd	InletBottomJ	Inlet Bottom Type J	10	0 / Continuous	1
X		typdrd	InletBottomP	Inlet Bottom Type P	10	0 / Continuous	1
X		typdrd	InletCurb	Curb Inlet (All Types)	10	0 / Continuous	2
X		typdrd	InletDBI	Ditch Bottom Inlet (All Types)	10	0 / Continuous	2
X		typdrd	InletGutter	Gutter Inlet (All Types)	10	0 / Continuous	2
X		typdrd	InletMedian	Median Barrier Inlet	10	0 / Continuous	2
X		typdrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
		typdrd	KeyShtMisc	Key Sheet Items (Miscellaneous)	0	0 / Continuous	2
		typdrd	LaneDirArrow	Lane Directional Arrow	0	0 / Continuous	1
X		typdrd	LARWLine	Limited Access Right of Way Lines	4	RW-LimitedAccess-Proposed	3
X		typdrd	LARWLine_ep	Limited Access Right of Way Lines (Existing)	7	RW-LimitedAccess-Existing	0
X		typdrd	LARWLine_ex	Limited Access Right of Way Lines on Cross Sections (Existing)	4	RW-LimitedAccess-Existing	1
X		typdrd	LARWLine_px	Limited Access Right of Way Lines on Cross Sections	4	RW-LimitedAccess-Proposed	2
X		typdrd	LateralLimits_px	Lateral Limits on Cross Sections	6	0 / Continuous	2
		typdrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		typdrd	LightingMisc	Lighting Items (Miscellaneous)	4	0 / Continuous	2
X		typdrd	LightingSP	Lighting Service Points	0	0 / Continuous	1
		typdrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
X		typdrd	Luminaire	Luminaires (Decorative - All Types)	2	0 / Continuous	1
X		typdrd	Manhole	Manhole (Drainage and Unknown)	10	0 / Continuous	2
		typdrd	Manhole_ex	Manhole on Cross Sections (Existing)	10	3 / DGN3	2
X		typdrd	Manhole_px	Manhole on Cross Sections	10	0 / Continuous	2
X		typdrd	MES	Mitered End Section	10	0 / Continuous	2
X		typdrd	MES_px	Mitered End Section on Cross Sections	10	0 / Continuous	2
		typdrd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		typdrd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		typdrd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		typdrd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		typdrd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		typdrd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		typdrd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		typdrd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		typdrd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		typdrd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		typdrd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		typdrd	PatternLines1_dp	Pattern Lines on Cross Sections and All Autodesk (Civil 3D) Tables	3	0 / Continuous	2
		typdrd	PatternLines2_dp	Pattern Lines on Cross Sections Alternate for Side Streets, CriticalCross Sections or Drainage Structures	4	0 / Continuous	2
		typdrd	PatternLines3_dp	Pattern Lines on Cross Sections Alternate for Side Streets, CriticalCross Sections or Drainage Structures	5	0 / Continuous	2
X		typdrd	PavedMedianBase_px	Median Subgrade on Cross Sections (Paved)	3	0 / Continuous	2
X		typdrd	PavtAsphalt	Asphalt Pavement Edge Line and Quantity Shapes	0	0 / Continuous	2
		typdrd	PavtAsphalt_ep	Asphalt Pavement Edge (Existing)	0	3 / DGN3	1
X		typdrd	PavtAsphalt_px	Asphalt Pavement on Cross Sections and Components in Models	1	0 / Continuous	2
X		typdrd	PavtBase	Base Material (All Types)	3	0 / Continuous	2
X		typdrd	PavtBase_ex	Base Material on Cross Sections (All Types) (Existing)	3	3 / DGN3	1
X		typdrd	PavtBase_px	Base Material on Cross Sections (All Types)	3	0 / Continuous	2
X		typdrd	PavtConcrete	Concrete Pavement Edge Lines and Quantity Shapes	10	0 / Continuous	2
X		typdrd	PavtConcrete_px	Concrete Pavement on Cross Sections and Components in Models	0	0 / Continuous	2
X		typdrd	PavtConcreteSC	Concrete Surface Coloring	9	0 / Continuous	1
		typdrd	PavtCrown	Pavement Crown	16	0 / Continuous	2
X		typdrd	PavtMessage	Pavement Message (All Types)	0	0 / Continuous	1
X		typdrd	PavtMessage_ep	Pavement Message (All Types) (Existing)	0	2 / DGN2	0
X		typdrd	PavtMilling_px	Asphalt Milling Lines on Cross Sections	7	0 / Continuous	2
		typdrd	PavtMisc	Asphalt Material (Miscellaneous)	1	0 / Continuous	1
X		typdrd	PavtMisc_px	Pavement on Cross Sections (Miscellaneous)	1	0 / Continuous	2
X		typdrd	PavtOverbuild_px	Pavement Overbuild Areas on Cross Sections - Component Property	4	0 / Continuous	2
X		typdrd	PavtOverlay_px	Pavement Overlay on Cross Sections - Component Property	1	0 / Continuous	2
X		typdrd	PavtOverlay1_px	Pavement Overlay on Cross Sections - Component Property	14	0 / Continuous	2
X		typdrd	PavtOverlay2_px	Pavement Overlay on Cross Sections - Component Property	7	0 / Continuous	2
X		typdrd	PavtStabilization	Stabilization Material Lines and Shapes	9	0 / Continuous	2
X		typdrd	PavtStabilization_px	Stabilization on Cross Sections	5	2 / DGN2	2
		typdrd	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
		typdrd	PipeCulvert_ep	Pipe Culvert (Existing)	10	3 / DGN3	1
X		typdrd	PipeCulvert_ex	Pipe Culvert in Cross Sections (Existing)	10	3 / DGN3	1
X		typdrd	PipeCulvert_pr	Pipe Culvert in Profile	10	0 / Continuous	2
X		typdrd	PipeCulvert_px	Pipe Culvert on Cross Section View	10	0 / Continuous	2
X		typdrd	PlotBorder_dp	Plot Border	3	0 / Continuous	0
		typdrd	PMMisc	Pavement Marking Items (Miscellaneous)	0	0 / Continuous	2
X	A	typdrd	PMSkip(10-10-20)	Pavement Marking 10/10/20 Skip Traffic Stripe 6in Contrast	0	0 / PM-Skip-Stripe 10-10-20	2
X	A	typdrd	PMSkip(2-2-2)	Pavement Marking 2/2/2 Skip Traffic Stripe 6in Contrast	0	0 / PM-Skip-Stripe 2-2-2	2
X	A	typdrd	PMSkip12W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 12in White	0	0 / PM-Skip-Stripe 2-4	4
X	A	typdrd	PMSkip12W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 12in White	0	0 / PM-Skip-Stripe 3-9	4
X	A	typdrd	PMSkip6B(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Black	3	0 / PM-Skip-Stripe 10-30	2
X	A	typdrd	PMSkip6W(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 10-30	2
X	A	typdrd	PMSkip6W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 2-4	2
X	A	typdrd	PMSkip6W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 3-9	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X	A	typdrd	PMSkip6W(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in White	0	0 / PM-Skip-Stripe 6-10	2
X	A	typdrd	PMSkip6Y(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 10-30	2
X	A	typdrd	PMSkip6Y(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 2-4	2
X	A	typdrd	PMSkip6Y(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in Yellow	4	0 / PM-Skip-Stripe 6-10	2
X	A	typdrd	PMSkip8W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 8in White	0	0 / PM-Skip-Stripe 3-9	2
X	A	typdrd	PMSkip9C(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 9in Contrast	0	0 / PM-Skip-Stripe 10-30	2
X		typdrd	PMStripe(10-10-20)	Pavement Marking 10/10/20 Skip Traffic Stripe 6in Contrast	0	PM-Stripe-10'_20'Skip / PM-Stripe-SKIP 10-10-20	2
X		typdrd	PMStripe(2-2-2)	Pavement Marking 2/2/2 Skip Traffic Stripe 6in Contrast	0	PM-Stripe-2'_2'Skip / PM-Stripe-SKIP 2-2-2	2
X		typdrd	PMStripe12B	Pavement Marking Traffic Stripe 12in Black	3	0 / Continuous	4
X		typdrd	PMStripe12W	Pavement Marking Traffic Stripe 12in White	0	0 / Continuous	4
X		typdrd	PMStripe12W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 12in White	0	0 / PM-Stripe-SKIP 2-4	4
X		typdrd	PMStripe12W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 12in White	0	0 / PM-Stripe-SKIP 3-9	4
X		typdrd	PMStripe12Y	Pavement Marking Traffic Stripe 12in Yellow	4	0 / Continuous	4
X		typdrd	PMStripe16B	Pavement Marking Traffic Stripe 16in Black	3	0 / Continuous	5
X		typdrd	PMStripe16W	Pavement Marking Traffic Stripe 16in White	0	0 / Continuous	5
X		typdrd	PMStripe16Y	Pavement Marking Traffic Stripe 16in Yellow	4	0 / Continuous	5
X		typdrd	PMStripe18B	Pavement Marking Traffic Stripe 18in Black	3	0 / Continuous	6
X		typdrd	PMStripe18W	Pavement Marking Traffic Stripe 18in White	0	0 / Continuous	6
X		typdrd	PMStripe18Y	Pavement Marking Traffic Stripe 18in Yellow	4	0 / Continuous	6
X		typdrd	PMStripe24W	Pavement Marking Traffic Stripe 24in White	0	0 / Continuous	7
X		typdrd	PMStripe24Y	Pavement Marking Traffic Stripe 24in Yellow	4	0 / Continuous	7
X		typdrd	PMStripe6B	Pavement Marking Traffic Stripe 6in Black	3	0 / Continuous	2
X		typdrd	PMStripe6B(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Black	3	0 / PM-Stripe-SKIP 10-30	2
X		typdrd	PMStripe6Bl	Pavement Marking Traffic Stripe 6in Blue	1	0 / Continuous	2
X		typdrd	PMStripe6DY	Pavement Marking Traffic Stripe 6in Double Yellow	4	0 / Continuous	2
X		typdrd	PMStripe6W	Pavement Marking Traffic Stripe 6in White	0	0 / Continuous	2
X		typdrd	PMStripe6W(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 10-30	2
X		typdrd	PMStripe6W(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 2-4	2
X		typdrd	PMStripe6W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 3-9	2
X		typdrd	PMStripe6W(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in White	0	0 / PM-Stripe-SKIP 6-10	2
X		typdrd	PMStripe6Y	Pavement Marking Traffic Stripe 6in Yellow	4	0 / Continuous	2
X		typdrd	PMStripe6Y(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 10-30	2
X		typdrd	PMStripe6Y(2-4)	Pavement Marking 2/4 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 2-4	2
X		typdrd	PMStripe6Y(6-10)	Pavement Marking 6/10 Skip Traffic Stripe 6in Yellow	4	0 / PM-Stripe-SKIP 6-10	2
X		typdrd	PMStripe8B	Pavement Marking Traffic Stripe 8in Black	3	0 / Continuous	3
X		typdrd	PMStripe8W	Pavement Marking Traffic Stripe 8in White	0	0 / Continuous	3
X		typdrd	PMStripe8W(3-9)	Pavement Marking 3/9 Skip Traffic Stripe 8in White	0	0 / PM-Stripe-SKIP 3-9	2
X		typdrd	PMStripe8Y	Pavement Marking Traffic Stripe 8in Yellow	4	0 / Continuous	3
X		typdrd	PMStripe9C(10-30)	Pavement Marking 10/30 Skip Traffic Stripe 9in Contrast	0	0 / PM-Stripe-SKIP 10-30	2
X		typdrd	PMStripeRumbleCL	Center Line Rumble Stripes (Use to Quantify Rumble Strips) (NonPlotting)	4	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		typdrd	PMStripeRumbleWL	Rumble Stripes (6in White Thermoplastic Over Rumble Strips) (Left)	0	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2
X		typdrd	PMStripeRumbleWR	Rumble Stripes (6in White Thermoplastic Over Rumble Strips) (Right)	0	PM-Stripe-RumbleStripeRight / PM-Stripe-RumbleStripe	2
X		typdrd	PMStripeRumbleYL	Rumble Stripes (6in Yellow Thermoplastic Over Rumble Strips) (Left)	4	PM-Stripe-RumbleStripeLeft / PM-Stripe-RumbleStripe	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		typdrd	PMStripeRumbleYR	Rumble Stripes (6in Yellow Thermoplastic Over Rumble Strips) (Right)	4	PM-Stripe-RumbleStripeRight / PM-Stripe-RumbleStripe	2
X		typdrd	PMStripeVibeWL	Pavement Marking Auditory and Vibratory 6in White (Left)	0	PM-Stripe-VibratoryLeft / PM-Stripe-Vibratory	2
X		typdrd	PMStripeVibeWR	Pavement Marking Auditory and Vibratory 6in White (Right)	0	PM-Stripe-VibratoryRight / PM-Stripe-Vibratory	2
X		typdrd	PMStripeVibeYL	Pavement Marking Auditory and Vibratory 6in Yellow (Left)	4	PM-Stripe-VibratoryLeft / PM-Stripe-Vibratory	2
X		typdrd	PMStripeVibeYR	Pavement Marking Auditory and Vibratory 6in Yellow (Right)	4	PM-Stripe-VibratoryRight / PM-Stripe-Vibratory	2
		typdrd	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
X		typdrd	PoleConc	Concrete Strain Pole	0	0 / Continuous	2
X		typdrd	PoleConc_ep	Concrete Strain Pole (Existing)	0	2 / DGN2	1
X		typdrd	PoleFound	Pole Foundation	0	0 / Continuous	2
X		typdrd	PoleLight	Light Pole	2	0 / Continuous	1
X		typdrd	PoleLight_ep	Light Pole (Existing)	2	2 / DGN2	1
X		typdrd	PoleLightHM	High Mast Light Pole	3	0 / Continuous	1
X		typdrd	PoleLightHM_ep	High Mast Light Pole (Existing)	2	2 / DGN2	1
		typdrd	PoleLightID	Light Pole Location / ID	4	0 / Continuous	1
X		typdrd	Pond_px	Pond Lines on Cross Sections	2	0 / Continuous	2
X		typdrd	PropertyLine_ep	Property Lines (Existing)	7	0 / Continuous	0
X	B	typdrd	PvtAnalysisCrown_px	Pavement Analysis Crowning on Cross Sections - Component Property	7	0 / Continuous	1
X	B	typdrd	PvtAnalysisFail_px	Pavement Analysis Failure on Cross Sections - Component Property	3	0 / Continuous	1
X	B	typdrd	PvtAnalysisMax_px	Pavement Analysis Acceptable Maximum Range on Cross Sections - Component Property	5	0 / Continuous	1
X	B	typdrd	PvtAnalysisMin_px	Pavement Analysis Acceptable Minimum Range on Cross Sections - Component Property	4	0 / Continuous	1
X	B	typdrd	PvtAnalysisOptiml_px	Pavement Analysis Optimal on Cross Sections - Component Property	2	0 / Continuous	1
X		typdrd	Railing	Railings; Piperrail, Guiderail, Handrail Used for Pedestrian and Bicycles (All)	9	0 / Continuous	2
X		typdrd	Railing_px	Railing Components and Cross Section Shapes	9	0 / Continuous	2
		typdrd	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X		typdrd	RipRap_px	Rip Rap, Rubble on Cross Sections	4	1 / DGN1	2
X		typdrd	RWLine	Right of Way Lines	4	RW-Proposed	3
X		typdrd	RWLine_ep	Right of Way Lines (Existing)	7	RW-Existing	0
X		typdrd	RWLine_ex	Right of Way Lines on Cross Sections (Existing)	3	RW-Existing	1
X		typdrd	RWLine_px	Right of Way Lines on Cross Sections	4	RW-Proposed	2
X		typdrd	SanitaryFM_ex	Force Main Lines on Cross Sections (Existing)	2	2 / DGN2	1
X		typdrd	SanitaryFM_px	Force Main Lines on Cross Sections	2	0 / Continuous	1
X		typdrd	SanitarySewer_ex	Sanitary Sewer on Cross Sections (Existing)	2	2 / DGN2	0
X		typdrd	SanitarySewer_px	Sanitary Sewer on Cross Sections	2	0 / Continuous	1
X		typdrd	SanitarySewerEff_ex	Sanitary Sewer Effluent on Cross Sections (Existing)	5	0 / Continuous	0
X		typdrd	SanitarySewerEff_px	Sanitary Sewer Effluent on Cross Sections	5	0 / Continuous	0
		typdrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		typdrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		typdrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		typdrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
10 1		typdrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		typdrd	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		typdrd	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		typdrd	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		typdrd	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		typdrd	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		typdrd	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
X		typdrd	ShldrBase_px	Shoulder Base on Cross Sections	3	0 / Continuous	2
		typdrd	ShldrHatch	Shoulder Hatch Pattern	1	0 / RD-PavedShldr6	1
X		typdrd	ShldrMilling_px	Shoulder Milling Component on Cross Sections - Component Property	7	0 / Continuous	2
X		typdrd	ShldrOverbuild_px	Shoulder Overbuild on Cross Sections - Component Property	4	0 / Continuous	1
X		typdrd	ShldrOverlay_px	Shoulder Overlay on Cross Sections - Component Property	1	0 / Continuous	1
X		typdrd	ShldrPaved	Shoulder Line (Paved)	1	0 / Continuous	1
X		typdrd	ShldrPaved_px	Shoulder Lines on Cross Sections (Paved)	1	0 / Continuous	2
X		typdrd	ShldrUnpaved	Shoulder Line (Unpaved)	0	0 / Continuous	0
X		typdrd	ShldrUnpaved_px	Shoulder Lines on Cross Sections (Unpaved)	2	0 / Continuous	2
X		typdrd	Shrub	Shrubs	2	0 / Continuous	1
X		typdrd	Sidewalk_ex	Sidewalk Elements on Cross Sections (Existing)	0	2 / DGN2	1
X		typdrd	Sidewalk_px	Sidewalk Elements on Cross Sections	0	0 / Continuous	2
X		typdrd	SidewalkBack	Back of Sidewalk	2	0 / Continuous	1
X		typdrd	SidewalkBase_px	Sidewalk Subgrade on Cross Sections	3	0 / Continuous	2
X		typdrd	SidewalkConc	Sidewalk Concrete Shape	0	0 / Continuous	2
X		typdrd	SidewalkFront	Front of Sidewalk	1	0 / Continuous	1
X		typdrd	SignalWorkZone	Traffic Signal / Portable Signal	3	0 / Continuous	2
X		typdrd	SignSymbol_px	Sign Structure and Foundation on Cross Sections	4	0 / Continuous	2
X		typdrd	SignWorkZone	Work Zone Signs	6	0 / Continuous	2
X		typdrd	Slopes	Slopes (Top, Bottom)	9	3 / DGN3	0
X		typdrd	Slopes_px	Slope Lines on Cross Sections	9	0 / Continuous	2
X		typdrd	Sod	Performance Sod	2	0 / Continuous	2
X		typdrd	SoilBoxes_px	Soil Boxes and Borings on Cross Sections	4	0 / Continuous	1
		typdrd	SpecialDetails	Special Details	6	0 / Continuous	1
		typdrd	SpecialDetails_px	Special Details on Cross Sections	6	0 / Continuous	1
		typdrd	StationTicL_dp	Station Tic Marks (Large) and Text	0	0 / Continuous	2
		typdrd	StationTicS_dp	Station Tic Marks (Small) and Text	0	0 / Continuous	2
X		typdrd	StreetLights	Street Lights	2	0 / Continuous	1
X		typdrd	StreetLights_px	Street Lights on Cross Sections	3	0 / Continuous	1
		typdrd	Structure_px	Signal and Sign Structures on Cross Sections	0	0 / Continuous	2
X		typdrd	SubDsgn_px	Sub Design on Cross Sections Including Sub-base	4	0 / Continuous	1
X		typdrd	Subsoil_px	Subsoil or Undercut on Cross Sections	4	0 / Continuous	2
X		typdrd	SubsoilFinal_px	Subsoil Final for Multiline on Cross Sections	18	0 / Continuous	1
X		typdrd	SubsoilProp_px	Subsoil Proposed for Multiline on Cross Sections	8	0 / Continuous	1
	B	typdrd	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
	B	typdrd	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
	B	typdrd	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
	A	typdrd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
X		typdrd	TeleBur_ex	Telephone on Cross Sections (Buried) (Miscellaneous) (Existing)	6	2 / DGN2	1
X		typdrd	TeleBur_px	Telephone on Cross Sections (Buried) (Miscellaneous)	6	0 / Continuous	1
X		typdrd	TempBarrier_px	Temporary Barrier on Typical	6	0 / Continuous	2
X	B	typdrd	TemplateBottom_px	Bottom of Template for Multiline on Cross Sections	6	0 / Continuous	1
X	B	typdrd	TemplateFinal_px	Final Template for Multiline on Cross Sections	2	0 / Continuous	1
X	B	typdrd	TemplateTop_px	Top of Template for Multiline on Cross Sections	7	0 / Continuous	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		typdrd	TerrainLine_ex	Ground Line for Multiline on Cross Sections (Existing)	5	0 / Continuous	1
		typdrd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		typdrd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		typdrd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		typdrd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		typdrd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		typdrd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		typdrd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		typdrd	TextGeotech	Text - Soil Borings and Labels	0	0 / Continuous	2
		typdrd	TextLabel	Text - Label	0	0 / Continuous	2
		typdrd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		typdrd	TextMajor	Text - Major	0	0 / Continuous	5
		typdrd	TextMinor	Text - Minor	0	0 / Continuous	0
		typdrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		typdrd	TextNotes	Text - Notes	4	0 / Continuous	1
		typdrd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		typdrd	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		typdrd	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		typdrd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		typdrd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		typdrd	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		typdrd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		typdrd	TextTitle	Text - Title	0	0 / Continuous	3
		typdrd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		typdrd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		typdrd	TextXSDrain_ex	Text - Cross Section Drainage Labels (Existing)	10	0 / Continuous	2
		typdrd	TextXSDrain_px	Text - Cross Section Drainage Labels	10	0 / Continuous	2
		typdrd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
		typdrd	TextXSElev_ex	Text - Cross Section Elevations (Existing)	2	0 / Continuous	1
		typdrd	TextXSElev_px	Text - Cross Section Elevations	0	0 / Continuous	1
X		typdrd	TrafficControlMisc	Traffic Control Items (Miscellaneous)	3	0 / Continuous	1
X		typdrd	TrafSeparator	Traffic Separator (All Types)	6	0 / Continuous	1
X		typdrd	TrafSeparator_ex	Traffic Separator on Cross Sections (All Types) (Existing)	6	2 / DGN2	1
X		typdrd	TrafSeparator_px	Traffic Separator on Cross Sections (All Types)	6	0 / Continuous	2
X		typdrd	TrafSeparatorBase_px	Traffic Separator Subgrade on Cross Sections	3	0 / Continuous	2
X		typdrd	Tree	Trees, Tree Line Pattern	2	0 / Continuous	1
X		typdrd	TreeGrate	Tree Grate	5	0 / Continuous	1
X		typdrd	TreeProtection	Tree Protection Symbol	5	RD-TreeProtection	2
X		typdrd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		typdrd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
X		typdrd	TubularMarker_px	Tubular Markers on Typical	6	0 / Continuous	2
X		typdrd	Turf	Performance Turf	100	0 / Continuous	2
		typdrd	TypicalMisc	Typical Items (Miscellaneous)	0	0 / Continuous	2
X		typdrd	UnderDrain	Underdrains (All Types)	10	0 / Continuous	2
		typdrd	UtilsMisc_ex	Utility Items on Cross Sections (Miscellaneous) (Existing)	8	2 / DGN2	1
		typdrd	UtilsMisc_px	Utility Items on Cross Sections (Miscellaneous)	8	0 / Continuous	1
		typdrd	Vehicle	Vehicle for Calculating Turning Radius	7	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	A	typdrd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
		typdrd	VoidArea_dx	Void Area on Cross Sections	1	0 / Continuous	0
X		typdrd	WallBarrier	Barrier Wall (All Types)	6	0 / Continuous	2
X		typdrd	WallBarrier_ex	Barrier Wall on Cross Section (Existing)	6	3 / DGN3	1
X		typdrd	WallBarrier_px	Barrier Wall on Cross Section	6	0 / Continuous	2
X		typdrd	WallFooter_px	Wall Footer (Concrete) on Cross Sections - Component Symbology/Material on All Wall Footers/Leveling Pads	2	0 / Continuous	1
X		typdrd	WallGravBase_px	Gravity Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		typdrd	WallGravity	Gravity Wall	11	0 / Continuous	1
X		typdrd	WallGravity_px	Gravity Wall on Cross Sections	11	0 / Continuous	2
X		typdrd	WallMedianBase_px	Median Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		typdrd	WallRetain	Retaining Wall System	6	0 / Continuous	1
X		typdrd	WallRetain_pr	Retaining Wall Profile	9	0 / Continuous	2
X		typdrd	WallRetain_px	Retaining Walls on Cross Sections	6	0 / Continuous	1
X		typdrd	WallShldrBase_px	Shoulder Wall Subgrade on Cross Sections	3	0 / Continuous	2
X		typdrd	Water_ex	Water on Cross Sections (Existing)	1	2 / DGN2	1
X		typdrd	Water_px	Water on Cross Sections	1	0 / Continuous	1
X		typdrd	WaterNP_ex	Raw Water Pipes on Cross Sections (Existing)	5	0 / Continuous	1
X		typdrd	WaterNP_px	Raw Water Pipes on Cross Sections	5	0 / Continuous	1
		typdrd	Wetland_ex	Wetland Boundary on Cross Sections (Existing)	2	RD-Wetland-Existing	1
A		typdrd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
A		typdrd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
A		typdrd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
A		typdrd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
X		typdrd	XSBaseTop_px	Cross Section Top of Base	3	0 / Continuous	2
		typdrd	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1
X		typdrd	XSExtendGrdLine_ex	Cross Section Extend Ground Lines (Existing)	21	2 / DGN2	1
X		typdrd	XSGrdLine_ex	Cross Section Ground Lines (Existing)	2	2 / DGN2	1
X		typdrd	XSGrdLine_px	Cross Section Roadway Ground Lines	1	0 / Continuous	2
		typdrd	XSMisc_ex	Cross Section Roadway Items (Miscellaneous) (Existing)	4	3 / DGN3	1
		typdrd	XSMisc_px	Cross Section Items (Miscellaneous)	0	0 / Continuous	2
B		typdrd	XSShapeDep01_dp	Cross Section Shape Dependent	11	0 / Continuous	2
B		typdrd	XSShapeDep02_dp	Cross Section Shape Dependent	12	0 / Continuous	2
B		typdrd	XSShapeDep03_dp	Cross Section Shape Dependent	13	0 / Continuous	2
B		typdrd	XSShapeDep04_dp	Cross Section Shape Dependent	14	0 / Continuous	2
B		typdrd	XSShapeDep05_dp	Cross Section Shape Dependent	15	0 / Continuous	2
B		typdrd	XSShapeDep06_dp	Cross Section Shape Dependent	16	0 / Continuous	2
B		typdrd	XSShapeDep07_dp	Cross Section Shape Dependent	17	0 / Continuous	2
B		typdrd	XSShapeDep08_dp	Cross Section Shape Dependent	18	0 / Continuous	2
B		typdrd	XSShapeDep09_dp	Cross Section Shape Dependent	19	0 / Continuous	2
B		typdrd	XSShapeDep10_dp	Cross Section Shape Dependent	20	0 / Continuous	2
B		typdrd	XSShapeIndep01_dp	Cross Section Shape Independent	1	0 / Continuous	2
B		typdrd	XSShapeIndep02_dp	Cross Section Shape Independent	2	0 / Continuous	2
B		typdrd	XSShapeIndep03_dp	Cross Section Shape Independent	3	0 / Continuous	2
B		typdrd	XSShapeIndep04_dp	Cross Section Shape Independent	4	0 / Continuous	2
B		typdrd	XSShapeIndep05_dp	Cross Section Shape Independent	5	0 / Continuous	2
B		typdrd	XSShapeIndep06_dp	Cross Section Shape Independent	6	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	typdrd	XSShapeIndep07_dp	Cross Section Shape Independent	7	0 / Continuous	2
	B	typdrd	XSShapeIndep08_dp	Cross Section Shape Independent	8	0 / Continuous	2
	B	typdrd	XSShapeIndep09_dp	Cross Section Shape Independent	9	0 / Continuous	2
	B	typdrd	XSShapeIndep10_dp	Cross Section Shape Independent	10	0 / Continuous	2
X		typdrd	XSTypical_px	Cross Section Roadway Pavement Typical	1	0 / Continuous	2

UTARDR - Utilities Adjustment

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	utadr	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	utadr	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
X		utadr	BLSurvey_px	Baseline Survey on Cross Sections	0	0 / Continuous	2
		utadr	Beacons_ep	Beacons and Path Illumination (Existing)	0	0 / Continuous	1
X		utadr	Capacitor	Capacitors (All Types)	3	0 / Continuous	2
X		utadr	Casing	Casing	0	UT-Casing-Proposed	2
X		utadr	CATVAer	Cable TV Line (Aerial)	6	UT-OverheadCable-Proposed	2
		utadr	CATVAer_ep	Cable TV Line (Aerial) (Existing)	6	UT-OverheadCable-Existing	1
X		utadr	CATVBur	Cable TV Line (Buried)	6	UT-BuriedCable-Proposed	2
X		utadr	CATVBur_px	Cable TV and Miscellaneous on Cross Sections (Buried)	6	0 / Continuous	1
		utadr	CATVBurB_ep	Cable TV Line Quality Level A Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(B)	1
		utadr	CATVBurB_ep	Cable TV Line Quality Level B Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(B)	1
		utadr	CATVBurC_ep	Cable TV Line Quality Level C Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(C)	1
		utadr	CATVBurD_ep	Cable TV Line Quality Level D Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(D)	1
X		utadr	CATVCond	Cable TV Conduit System	6	SG-Conduit	2
		utadr	CATVCondBurB_ep	Cable TV Conduit System Quality Level A Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(B)	1
		utadr	CATVCondBurB_ep	Cable TV Conduit System Quality Level B Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(B)	1
		utadr	CATVCondBurC_ep	Cable TV Conduit System Quality Level C Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(C)	1
		utadr	CATVCondBurD_ep	Cable TV Conduit System Quality Level D Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(D)	1
		utadr	CATVMisc	Cable TV Service Box and Miscellaneous	6	0 / Continuous	2
		utadr	CATVMisc_ep	Cable TV Service Box and Miscellaneous, Pole (Existing)	6	1 / DGN1	1
X		utadr	CLConst_px	Center Line of Construction on Cross Sections	0	0 / Continuous	2
		utadr	COGO_dp	COGO Information	3	0 / Continuous	1
X		utadr	Conduit	Conduit for Utilities and Encasements	3	SG-Conduit	2
		utadr	ConduitB_ep	Utility Conduit & Encasements Quality Level A Locate (Existing)	3	UT-Casing-Existing(B)	1
		utadr	ConduitB_ep	Utility Conduit & Encasements Quality Level B Locate (Existing)	3	UT-Casing-Existing(B)	1
		utadr	ConduitC_ep	Utility Conduit & Encasements Quality Level C Locate (Existing)	3	UT-Casing-Existing(C)	1
		utadr	ConduitD_ep	Utility Conduit & Encasements Quality Level D Locate (Existing)	3	UT-Casing-Existing(D)	1
X		utadr	ConduitAG	Conduit (Above Ground)	4	SG-ConduitAG-Proposed	1
X		utadr	ConduitBM	Conduit – Bridge Mount	5	SG-ConduitBM-Proposed	1
X		utadr	ConduitDB	Conduit – Directional Bore	2	SG-ConduitDB-Proposed	1
X		utadr	ConduitJB	Conduit – Jack & Bore Under Rail	3	SG-ConduitJB-Proposed	1
X		utadr	ConduitOT	Conduit – Open Trench	1	SG-ConduitOT-Proposed	1
		utadr	ConstLines	Construction Lines and Preferences	1	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		utadrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
X		utadrd	Controller_ep	Controller and Accessories (Existing)	0	2 / DGN2	1
X		utadrd	ControllerB_ep	Controller - Base Mounted (Existing)	0	2 / DGN2	1
X		utadrd	ControllerP_ep	Controller Pole Mount (Existing)	0	2 / DGN2	1
		utadrd	Core_ep	Core Sample or Test Hole (Existing)	9	0 / Continuous	0
		utadrd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		utadrd	Duct	Duct Pipe (Buried)	7	UT-Duct-Proposed	2
		utadrd	DummyChains_ep	Dummy Chains (Existing)	0	0 / Continuous	1
X		utadrd	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		utadrd	ElecAer	Electrical Lines (Aerial)	3	UT-OverheadElec-Proposed	2
		utadrd	ElecAer_ep	Electrical Conductors (Distribution & Transmission) (Aerial) (Existing)	3	UT-OverheadElec-Existing	1
		utadrd	ElecAerHVL_ep	High Voltage Transmission Line (Existing)	3	UT-OverheadElec-Existing	1
		utadrd	ElecAerPri_ep	Conductors (Primary Distribution) (Aerial) (Existing)	3	UT-OverheadElec-Existing	1
		utadrd	ElecAerSec_ep	Conductors (Secondary Distribution) (Aerial) (Existing)	3	UT-OverheadElec-Existing	1
X		utadrd	ElecBur	Electrical (Buried)	3	UT-BuriedElec-Proposed	2
		utadrd	ElecBurB_ep	Electrical Quality Level A Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1
		utadrd	ElecBurB_ep	Electrical Quality Level B Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1
		utadrd	ElecBurB_ep	Electrical Quality Level B Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1
		utadrd	ElecBurC_ep	Electrical Quality Level C Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(C)	1
		utadrd	ElecBurD_ep	Electrical Quality Level D Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(D)	1
		utadrd	ElecBurPriB_ep	Conductors (Primary Distribution) Quality Level A Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1
		utadrd	ElecBurPriB_ep	Conductors (Primary Distribution) Quality Level B Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1
		utadrd	ElecBurPriC_ep	Conductors (Primary Distribution) Quality Level C Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(C)	1
		utadrd	ElecBurPriD_ep	Conductors (Primary Distribution) Quality Level D Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(D)	1
		utadrd	ElecBurSecB_ep	Conductor (Secondary Distribution) Quality Level A Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1
		utadrd	ElecBurSecB_ep	Conductor (Secondary Distribution) Quality Level B Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1
		utadrd	ElecBurSecC_ep	Conductor (Secondary Distribution) Quality Level C Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(C)	1
		utadrd	ElecBurSecD_ep	Conductor (Secondary Distribution) Quality Level D Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(D)	1
		utadrd	ElecCAPA_ep	Capacitors (Aerial) (Existing)	3	1 / DGN1	1
		utadrd	ElecCAPB_ep	Capacitors (Buried) (Existing)	3	1 / DGN1	1
		utadrd	ElecFuse_ep	Fuses (Existing)	3	1 / DGN1	1
		utadrd	ElecMisc	Fuses, Reclosures, Regulator, Sectionalizers	3	0 / Continuous	2
		utadrd	ElecMisc_ep	Regulators, Reclosures, Sectionalizers, Pedestals, Test Cells, Electric Test & Miscellaneous	3	1 / DGN1	1
X		utadrd	ElecOutlet	Electrical Outlet	3	0 / Continuous	2
		utadrd	ElecOutlet_ep	Electrical Outlet (Existing)	3	1 / DGN1	1
X		utadrd	ElecServ	Electrical Service (Miscellaneous)	3	0 / Continuous	2
X		utadrd	ElecServWire	Electrical Service Wire	3	0 / Continuous	2
X		utadrd	FireHydrant	Fire Hydrant	1	0 / Continuous	2
		utadrd	FireHydrant_ep	Fire Hydrant (Existing)	1	1 / DGN1	1
		utadrd	FloodLight_ep	Flood Light (Existing)	3	1 / DGN1	1
X		utadrd	FOCAer	Fiber Optics Cable (Aerial)	6	UT-OverheadFOC-Proposed	2
X		utadrd	FOCBur	Fiber Optics Cable (Buried)	6	UT-BuriedFOC-Proposed	2
		utadrd	FOCBurB_ep	Fiber Optics Cable Quality Level A Locate (Buried) (Existing)	6	UT-BuriedFOC(B)-Existing	1
		utadrd	FOCBurB_ep	Fiber Optics Cable Quality Level B Locate (Buried) (Existing)	6	UT-BuriedFOC(B)-Existing	1
		utadrd	FOCBurC_ep	Fiber Optics Cable Quality Level C Locate (Buried) (Existing)	6	UT-BuriedFOC(C)-Existing	1
		utadrd	FOCBurD_ep	Fiber Optics Cable Quality Level D Locate (Buried) (Existing)	6	UT-BuriedFOC(D)-Existing	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		utadrd	FOEAer	Fiber Optics Electrical (Aerial)	3	UT-OverheadFOE-Proposed	2
		utadrd	FOEAer_ep	Fiber Optics Electrical (Aerial) (Existing)	3	UT-OverheadFOE-Existing	1
X		utadrd	FOEBur	Fiber Optics Electrical (Buried)	3	UT-BuriedFOE-Proposed	2
		utadrd	FOEBurB_ep	Fiber Optics Electrical Quality Level A Locate (Buried) (Existing)	3	UT-BuriedFOE(B)-Existing	1
		utadrd	FOEBurB_ep	Fiber Optics Electrical Quality Level B Locate (Buried) (Existing)	3	UT-BuriedFOE(B)-Existing	1
		utadrd	FOEBurC_ep	Fiber Optics Cable Quality Level C Locate (Buried) (Existing)	6	UT-BuriedFOC(C)-Existing	1
		utadrd	FOEBurD_ep	Fiber Optics Cable Quality Level D Locate (Buried) (Existing)	6	UT-BuriedFOC(D)-Existing	1
X		utadrd	FOTAer	Fiber Optics Telephone (Aerial) (Size Unknown)	6	UT-OverheadFOT-Proposed	2
		utadrd	FOTAer_ep	Fiber Optics Telephone (Aerial) (Size Unknown) (Existing)	6	UT-OverheadFOT-Existing	1
X		utadrd	FOTBur	Fiber Optics Telephone (Buried) (Size Unknown)	6	UT-BuriedFOT-Proposed	2
		utadrd	FOTBurB_ep	Fiber Optics Telephone Quality Level A Locate (Buried) (Size Unknown) (Existing)	6	UT-BuriedFOT(B)-Existing	1
		utadrd	FOTBurB_ep	Fiber Optics Telephone Quality Level B Locate (Buried) (Size Unknown) (Existing)	6	UT-BuriedFOT(B)-Existing	1
		utadrd	FOTBurC_ep	Fiber Optics Telephone Quality Level C Locate (Buried) (Size Unknown) (Existing)	6	UT-BuriedFOT(C)-Existing	1
		utadrd	FOTBurD_ep	Fiber Optics Telephone Quality Level D Locate (Buried) (Size Unknown) (Existing)	6	UT-BuriedFOT(D)-Existing	1
X		utadrd	Gas	Gas Pipe and Fittings	4	UT-Gas-Proposed	2
		utadrd	Gas_ep	Gas Test & Miscellaneous (Existing)	4	1 / DGN1	1
		utadrd	GasB_ep	Gas Line (All Sizes) Quality Level A Locate (Existing)	4	UT-Gas-Existing(B)	1
		utadrd	GasB_ep	Gas Line (All Sizes) Quality Level B Locate (Existing)	4	UT-Gas-Existing(B)	1
		utadrd	GasC_ep	Gas Line (All Sizes) Quality Level C Locate (Existing)	4	UT-Gas-Existing(C)	1
		utadrd	GasD_ep	Gas Line (All Sizes) Quality Level D Locate (Existing)	4	UT-Gas-Existing(D)	1
		utadrd	GasMisc	Gas Regulator and Miscellaneous Items	4	0 / Continuous	2
		utadrd	GasReg_ep	Gas Regulator (Existing)	4	1 / DGN1	1
		utadrd	GasTestMisc_ep	Gas Test & Miscellaneous (Existing)	4	1 / DGN1	1
X		utadrd	Gauges	Gauges	0	0 / Continuous	2
		utadrd	Gauges_ep	Gauges (Existing)	0	1 / DGN1	1
X		utadrd	Generator	Emergency Generator	0	0 / Continuous	2
		utadrd	GridMaj_dp	Grid Lines Major in Profile and Cross Section	3	0 / Continuous	1
		utadrd	GridMin_dp	Grid Lines Minor in Profile and Cross Section	0	0 / Continuous	0
		utadrd	GridMinSub_dp	Grid Lines Minor Sub on Cross Section Sheets	20	0 / Continuous	0
X		utadrd	GuyWire	Guy Wire	3	0 / Continuous	2
		utadrd	GuyWireAnchor_ep	Guy Anchor (Existing)	3	1 / DGN1	1
		utadrd	GuyWirePole_ep	Guy Pole (Dead-Man) (Existing)	3	1 / DGN1	1
		utadrd	GuyWireSpan_ep	Span Guys (Existing)	3	1 / DGN1	1
		utadrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		utadrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
X		utadrd	InterconCable_ep	Interconnect Cable (Existing)	1	SG-InterconCable-Existing	0
X		utadrd	JunctBox	Junction Box, Service Cabinet (Elec/Tel)	3	0 / Continuous	2
		utadrd	JunctBox_ep	Junction Box, Service Cabinet (Elec/Tel) (Existing)	3	1 / DGN1	1
X		utadrd	JunctBoxA	Junction Box (Aerial)	3	0 / Continuous	1
X		utadrd	JunctBoxA_ep	Junction Box (Aerial) (Existing)	3	1 / DGN1	0
		utadrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		utadrd	LiteCond_ep	Street Lighting Conductors (Existing)	3	SG-Conduit-Existing	0
X		utadrd	LoadCenter	Load Center	2	0 / Continuous	1
X		utadrd	LoadCenter_ep	Load Center (Existing)	2	5 / DGN5	0
		utadrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
X		utadrd	LoopLI_ep	Loop Lead-In (Existing)	3	2 / DGN2	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		utadr	Loops_ep	Loop Assembly (All Types) (Existing)	2	2 / DGN2	2
X		utadr	Luminaire	Luminaires (Decorative - All Types)	2	0 / Continuous	1
		utadr	Luminaire_ep	Street Light / Pole (Existing)	3	1 / DGN1	1
		utadr	Manhole_ex	Manhole on Cross Sections (Existing)	10	3 / DGN3	2
X		utadr	Manhole_px	Manhole on Cross Sections	10	0 / Continuous	2
		utadr	ManholeCOMM	Manhole (Communications)	6	0 / Continuous	1
		utadr	ManholeCOMM_ep	Manhole (Communications) (Existing)	6	1 / DGN1	1
X		utadr	ManholeElec	Manhole (Electric)	3	0 / Continuous	2
		utadr	ManholeElec_ep	Manhole (Electric) (Existing)	3	1 / DGN1	1
X		utadr	ManholeGas	Manhole (Gas)	4	0 / Continuous	2
		utadr	ManholeGas_ep	Manhole (Gas) (Existing)	4	1 / DGN1	1
X		utadr	ManholeSS	Manhole (Sanitary Sewer)	2	0 / Continuous	2
		utadr	ManholeSS_ep	Manhole (Sanitary Sewer) (Existing)	2	1 / DGN1	1
X		utadr	ManholeSW	Manhole (Storm Water)	10	0 / Continuous	2
		utadr	ManholeSW_ep	Manhole (Storm Water) (Existing)	10	1 / DGN1	1
X		utadr	ManholeTel	Manhole (Telephone)	6	0 / Continuous	2
		utadr	ManholeTel_ep	Manhole (Telephone) (Existing)	6	1 / DGN1	1
X		utadr	ManholeUnknown	Manhole (Unknown)	0	0 / Continuous	2
		utadr	ManholeUnknown_ep	Manhole (Unknown) (Existing)	0	1 / DGN1	1
		utadr	ManholeWater	Manhole (Water)	1	0 / Continuous	1
		utadr	ManholeWater_ep	Manhole (Water) (Existing)	1	1 / DGN1	1
		utadr	MatchLines_dp	Match Lines with Text, Arrows for Station Notations	1	0 / Continuous	2
X		utadr	MeterElec	Meter (Electric)	3	0 / Continuous	2
		utadr	MeterElec_ep	Meter (Electric) (Existing)	3	1 / DGN1	1
		utadr	MeterElecBur_ep	Meter (Electric) (Buried) (Existing)	3	1 / DGN1	1
X		utadr	MeterGas	Meter (Gas)	4	0 / Continuous	2
		utadr	MeterGas_ep	Meter (Gas) (Existing)	4	1 / DGN1	1
		utadr	MeterUnk	Meter (Unknown)	0	0 / Continuous	2
		utadr	MeterUnk_ep	Meter (Unknown) (Existing)	0	1 / DGN1	1
X		utadr	MeterWater	Meter (Water)	1	0 / Continuous	2
		utadr	MeterWater_ep	Meter (Water) (Existing)	1	1 / DGN1	1
		utadr	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		utadr	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		utadr	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		utadr	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		utadr	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		utadr	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		utadr	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		utadr	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		utadr	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		utadr	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		utadr	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
		utadr	NorthArw_dp	North Arrows	0	0 / Continuous	2
X		utadr	Oil	Oil Pipeline, Petroleum	4	UT-Petroleum-Proposed	2
		utadr	Oil_B_ep	Oil Line (All Sizes) Quality Level A Locate (Existing)	4	UT-Petroleum-Existing(B)	1
		utadr	Oil_B_ep	Oil Line (All Sizes) Quality Level B Locate (Existing)	4	UT-Petroleum-Existing(B)	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		utadrd	Oil_C_ep	Oil Line (All Sizes) Quality Level C Locate (Existing)	4	UT-Petroleum-Existing(C)	1
		utadrd	Oil_D_ep	Oil Line (All Sizes) Quality Level D Locate (Existing)	4	UT-Petroleum-Existing(D)	1
X		utadrd	OverheadSign_ep	Overhead Sign Panels (Existing)	0	3 / DGN3	1
X		utadrd	OverheadStr_ep	Mast Arm, Truss Assemblies, Signal Arms and Supports (Existing)	0	3 / DGN3	1
		utadrd	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		utadrd	Pedestal_ep	Pedestal (Existing)	1	2 / DGN2	1
X		utadrd	PedHead_ep	Pedestrian Head (All Types) (Existing)	0	2 / DGN2	1
		utadrd	PedSignal_ep	Pedestrian Signal Unit, Signage (Existing)	0	2 / DGN2	0
		utadrd	PipeEncaseB_ep	Pipe Encasements Quality Level A Locate (Existing)	0	UT-Casing-Existing(B)	1
		utadrd	PipeEncaseB_ep	Pipe Encasements Quality Level B Locate (Existing)	0	UT-Casing-Existing(B)	1
		utadrd	PipeEncaseC_ep	Pipe Encasements Quality Level C Locate (Existing)	0	UT-Casing-Existing(C)	1
		utadrd	PipeEncaseD_ep	Pipe Encasements Quality Level D Locate (Existing)	0	UT-Casing-Existing(D)	1
X		utadrd	PlotBorder_dp	Plot Border	3	0 / Continuous	0
		utadrd	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0
X		utadrd	PoleConc	Concrete Strain Pole	0	0 / Continuous	2
X		utadrd	PoleConc_ep	Concrete Strain Pole (Existing)	0	2 / DGN2	1
X		utadrd	PoleElec	Electrical Pole w/ Transformer	3	0 / Continuous	2
		utadrd	PoleElec_ep	Electrical Pole (Existing)	3	1 / DGN1	1
		utadrd	PoleElecT_ep	Electrical Pole With Transformer (Existing)	3	1 / DGN1	1
X		utadrd	PoleFound	Pole Foundation	0	0 / Continuous	2
X		utadrd	PoleLight	Light Pole	2	0 / Continuous	1
X		utadrd	PoleLight_ep	Light Pole (Existing)	2	2 / DGN2	1
X		utadrd	PoleLightHM	High Mast Light Pole	3	0 / Continuous	1
X		utadrd	PoleLightHM_ep	High Mast Light Pole (Existing)	2	2 / DGN2	1
		utadrd	PoleLightID	Light Pole Location / ID	4	0 / Continuous	1
X		utadrd	PoleShared	Power Pole Electric (Aerial) Shared w/ Transformer	3	0 / Continuous	2
		utadrd	PoleShared_ep	Shared Pole (Existing)	3	1 / DGN1	1
		utadrd	PoleSharedT_ep	Shared Pole with Transformer (Existing)	3	1 / DGN1	1
X		utadrd	PoleSteelStrain	Steel Strain Pole	0	0 / Continuous	2
X		utadrd	PoleSteelStrain_ep	Steel Strain Pole (Existing)	0	2 / DGN2	1
X		utadrd	PoleTel	Telephone Pole	6	0 / Continuous	2
X		utadrd	PoleUtil	Utility Pole	0	0 / Continuous	2
X		utadrd	PoleWoodStrain	Wood Strain Pole	0	0 / Continuous	2
X		utadrd	PoleWoodStrain_ep	Wood Strain Pole (Existing)	0	2 / DGN2	1
X		utadrd	PullBox	Pull Boxes (All Types)	3	0 / Continuous	1
		utadrd	PullBox_ep	Wiring Pull Box (Lighting or Signal) (Existing)	3	1 / DGN1	1
		utadrd	Pump	Pump (Petroleum / Fuel)	7	0 / Continuous	2
X		utadrd	PumpNonPet	Pump (Non Petroleum)	1	0 / Continuous	2
		utadrd	PumpNonPet_ep	Pump (Non Petroleum) (Existing)	1	1 / DGN1	1
		utadrd	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X		utadrd	SanitaryFM	Sanitary Force Main Lines	2	UT-Sanitary-Proposed	2
		utadrd	SanitaryFM_B_ep	Sanitary Force Main (All Sizes) Quality Level A Locate (Existing)	2	UT-Sanitary-Existing(B)	1
		utadrd	SanitaryFM_B_ep	Sanitary Force Main (All Sizes) Quality Level B Locate (Existing)	2	UT-Sanitary-Existing(B)	1
		utadrd	SanitaryFM_C_ep	Sanitary Force Main (All Sizes) Quality Level C Locate (Existing)	2	UT-Sanitary-Existing(C)	1
		utadrd	SanitaryFM_D_ep	Sanitary Force Main (All Sizes) Quality Level D Locate (Existing)	2	UT-Sanitary-Existing(D)	1
X		utadrd	SanitarySewer	Sanitary Sewer	2	UT-Sanitary-Proposed	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		utadrd	SanitarySewerB_ep	Sanitary Sewer (All Sizes) Quality Level A Locate (Existing)	2	UT-Sanitary-Existing(B)	1
		utadrd	SanitarySewerB_ep	Sanitary Sewer (All Sizes) Quality Level B Locate (Existing)	2	UT-Sanitary-Existing(B)	1
		utadrd	SanitarySewerC_ep	Sanitary Sewer (All Sizes) Quality Level C Locate (Existing)	2	UT-Sanitary-Existing(C)	1
		utadrd	SanitarySewerD_ep	Sanitary Sewer (All Sizes) Quality Level D Locate (Existing)	2	UT-Sanitary-Existing(D)	1
		utadrd	SanitarySewerCLNO_ep	Sanitary Sewer Cleanout (Existing)	2	1 / DGN1	1
X		utadrd	SanitarySewerDSta	Sanitary Sewer Dump Station	2	00 / Continuous	2
		utadrd	SanitarySewerDSta_ep	Sanitary Sewer Dump Station (SS) (Existing)	2	2 / DGN2	1
X		utadrd	SanitarySewerEff	Sanitary Sewer Effluent NPW	5	UT-NonPotableWater-Proposed	2
		utadrd	SanitarySewerEff_ep	Sanitary Sewer Effluent (Open Channel) (Existing)	2	1 / DGN1	1
X		utadrd	SanitarySewerEff_ex	Sanitary Sewer Effluent on Cross Sections (Existing)	5	0 / Continuous	0
X		utadrd	SanitarySewerEff_px	Sanitary Sewer Effluent on Cross Sections	5	0 / Continuous	0
		utadrd	SanitarySewerMisc	Sanitary Sewer Items (Miscellaneous)	2	0 / Continuous	2
		utadrd	SanitarySewerPSta_ep	Sanitary Sewer Pump Station (Existing)	2	1 / DGN1	1
		utadrd	SateDish_ep	Satellite Dish Antenna (Existing)	6	4 / DGN4	1
		utadrd	Scale_dp	Bar Scale, Scale Label Elements	0	0 / Continuous	2
		utadrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		utadrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		utadrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		utadrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
101		utadrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		utadrd	SheetBorder_dp	Sheet Border	1	0 / Continuous	4
		utadrd	SheetLines_dp	Sheet Lines	1	0 / Continuous	2
		utadrd	SheetLinesMisc1_dp	Sheet Lines	1	0 / Continuous	0
		utadrd	SheetLinesMisc2_dp	Sheet Lines	2	0 / Continuous	2
		utadrd	SheetLinesMisc3_dp	Sheet Lines	3	0 / Continuous	2
		utadrd	SheetLinesMisc4_dp	Sheet Lines	4	0 / Continuous	2
		utadrd	Signal_ep	Signal Head (Existing)	3	1 / DGN1	1
		utadrd	SignalControl_ep	Signal Controller (Existing)	3	2 / DGN2	0
X		utadrd	SignalHead_ep	Signal Head Section Details (Existing)	2	2 / DGN2	0
		utadrd	SignalLoop_ep	Traffic Detector Loops (Existing)	7	1 / DGN1	2
		utadrd	SignalSupport_ep	Signal Supports (Including Mast Arm) (Existing)	3	2 / DGN2	0
X		utadrd	SignalSym_ep	Signal Head Symbols (Existing)	3	2 / DGN2	0
X		utadrd	SignCantilever_ep	Sign Symbol Cantilever (Existing)	0	2 / DGN2	0
		utadrd	SignColumn_ep	Cantilever Sign Column (Large) (Existing)	0	3 / DGN3	1
		utadrd	SignMulti_ep	Multi-column Sign (Large Sign) (Existing)	0	3 / DGN3	1
X		utadrd	SignPanel_ep	Sign Panel Elements (Existing)	0	2 / DGN2	1
		utadrd	SignSingle_ep	Sign (Single Pole Support) (Existing)	3	2 / DGN2	0
X		utadrd	SignSpanwire	Span Wire Signing Assembly	2	0 / Continuous	1
X		utadrd	SignSpanwire_ep	Span Wire Signing Assembly (Existing)	2	2 / DGN2	1
X		utadrd	SignTruss_ep	Sign Symbol Truss (Existing)	3	2 / DGN2	1
		utadrd	SignTrussOH_ep	Trusses and Cantilevers for Overhead Signs (Existing)	0	3 / DGN3	1
		utadrd	SpanWire_ep	Signal / Span Wire (Existing)	3	2 / DGN2	0
		utadrd	SpanWireP_ep	Signal / Span Wire Pole (Existing)	3	2 / DGN2	0
		utadrd	SpecialDetails	Special Details	6	0 / Continuous	1
X		utadrd	Sprinkler	Sprinkler Head	1	0 / Continuous	2
		utadrd	Sprinkler_ep	Sprinkler Head (Existing)	1	1 / DGN1	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		utadrd	Steam	Steam Pipes	1	UT-Steam-Proposed	2
		utadrd	SteamB_ep	Steam Line Quality Level A Locate (Existing)	4	UT-Steam-Existing(B)	1
		utadrd	SteamB_ep	Steam Line Quality Level B Locate (Existing)	4	UT-Steam-Existing(B)	1
		utadrd	SteamC_ep	Steam Line Quality Level C Locate (Existing)	4	UT-Steam-Existing(C)	1
		utadrd	SteamD_ep	Steam Line Quality Level D Locate (Existing)	4	UT-Steam-Existing(D)	1
X		utadrd	StreetLights	Street Lights	2	0 / Continuous	1
		utadrd	SU_QLA_ep	Subsurface Utility Quality Level A Locate Point (Existing)	0	0 / Continuous	1
		utadrd	SU_QLB_ep	Subsurface Utility Quality Level B Locate Point (Existing)	0	0 / Continuous	1
		utadrd	SU_QLC_ep	Subsurface Utility Quality Level C Locate Point (Existing)	0	0 / Continuous	1
		utadrd	SU_QLD_ep	Subsurface Utility Quality Level D Locate Point (Existing)	0	0 / Continuous	1
	B	utadrd	SumBoxBorder_dp	Summary Boxes Borders	4	0 / Continuous	3
	B	utadrd	SumBoxLines_dp	Summary Boxes Lines and Miscellaneous Items	4	0 / Continuous	1
	B	utadrd	SumBoxLinesMin_dp	Summary Boxes Lines Minor Line and Miscellaneous Items	4	0 / Continuous	0
X		utadrd	Switchgear	Switchgear and Appurtenances	3	0 / Continuous	2
		utadrd	Switchgear_ep	Switchgear and Appurtenances (Existing)	3	1 / DGN1	1
	A	utadrd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
X		utadrd	TeleAer	Telephone (Aerial)	6	UT-OverheadTel-Proposed	2
		utadrd	TeleAer_ep	Telephone Line (Aerial) (Existing)	6	UT-OverheadTel-Existing	1
		utadrd	TeleBooth_ep	Telephone Booth (Existing)	6	1 / DGN1	1
X		utadrd	TeleBur	Telephone (Buried)	6	UT-BuriedTel-Proposed	2
X		utadrd	TeleBur_px	Telephone on Cross Sections (Buried) (Miscellaneous)	6	0 / Continuous	1
		utadrd	TeleBurB_ep	Telephone (All Sizes) Quality Level A Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(B)	1
		utadrd	TeleBurB_ep	Telephone (All Sizes) Quality Level B Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(B)	1
		utadrd	TeleBurC_ep	Telephone (All Sizes) Quality Level C Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(C)	1
		utadrd	TeleBurD_ep	Telephone (All Sizes) Quality Level D Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(D)	1
		utadrd	TeleMisc	Telephone Service Box, Booth or Pedestal	6	0 / Continuous	2
		utadrd	TelePed_ep	Telephone Pedestal / Service Box (Existing)	6	1 / DGN1	1
		utadrd	TelePole_ep	Telephone Pole (Existing)	6	1 / DGN1	1
		utadrd	TeleServBox_ep	Telephone Service Box (Large) (Existing)	6	1 / DGN1	1
		utadrd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		utadrd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		utadrd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		utadrd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		utadrd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		utadrd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		utadrd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		utadrd	TextLabel	Text - Label	0	0 / Continuous	2
		utadrd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		utadrd	TextMajor	Text - Major	0	0 / Continuous	5
		utadrd	TextMinor	Text - Minor	0	0 / Continuous	0
		utadrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		utadrd	TextNotes	Text - Notes	4	0 / Continuous	1
		utadrd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		utadrd	TextProjLabel	Text - Begin and End Project Label with Leader Lines	1	0 / Continuous	2
		utadrd	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		utadrd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		utadrd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		utadrd	TextSurveyLabel	Text - Survey Labels	0	0 / Continuous	0
		utadrd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		utadrd	TextTitle	Text - Title	0	0 / Continuous	3
		utadrd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		utadrd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		utadrd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
		utadrd	TopoMisc_ep	Topography (Miscellaneous) (Existing)	0	3 / DGN3	1
X		utadrd	Tower	High Mast Light Poles or Towers	3	0 / Continuous	2
		utadrd	Tower_ep	High Mast Light Poles or Towers (Existing)	3	1 / DGN1	1
		utadrd	TowerTrans_ep	Transmission Tower (Single Column) (Existing)	3	1 / DGN1	1
X		utadrd	TransformerAer	Transformer (Above Ground)	3	0 / Continuous	2
X		utadrd	TransformerBur	Transformer (Buried)	3	0 / Continuous	2
X		utadrd	TransmissionAer	Electric Conductors (Distribution & Transmission) (Aerial)	3	UT-OverheadElec-Proposed	2
X		utadrd	TransmissionBur	Electric Conductors (Distribution & Transmission) (Buried)	3	UT-BuriedElec-Proposed	2
X		utadrd	TransmissionT	Transmission Tower Single	3	0 / Continuous	2
X		utadrd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		utadrd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
		utadrd	UtilMisc_ep	Utility Items (Miscellaneous) (Existing)	0	0 / Continuous	0
		utadrd	UtilsMisc	Utility Items (Miscellaneous)	8	0 / Continuous	2
X		utadrd	UtilsProposed	Facilities/Utilities as shown in Utility Adjustments	9	0 / Continuous	2
X		utadrd	Valve	Valve (Unknown)	0	0 / Continuous	2
		utadrd	Valve_ep	Valve (Unknown) (Existing)	0	1 / DGN1	1
X		utadrd	ValveBFP_ep	Valve, Valve Box (Back Flow Preventer) (Existing)	0	1 / DGN1	1
		utadrd	ValveBox_ep	Valve Box (Existing)	0	1 / DGN1	1
		utadrd	ValveBoxGas_ep	Valve Box (Gas) (Existing)	4	1 / DGN1	1
		utadrd	ValveBoxSwr_ep	Valve Box (Sanitary Sewer) (Existing)	2	1 / DGN1	1
		utadrd	ValveBoxWtr_ep	Valve Box (Water) (Existing)	1	1 / DGN1	1
		utadrd	ValveBoxWtrNP_ep	Valve Box (Non-Potable Water) (Existing)	5	1 / DGN1	1
X		utadrd	ValveCover	Valve Cover (Unknown)	0	0 / Continuous	2
		utadrd	ValveCover_ep	Valve Cover (Unknown) (Existing)	0	1 / DGN1	1
X		utadrd	ValveCvrEff	Valve Cover (Effluent)	5	0 / Continuous	2
		utadrd	ValveCvrEff_ep	Valve Cover (Effluent) (Existing)	5	1 / DGN1	1
X		utadrd	ValveCvrGas	Valve Cover (Gas)	4	0 / Continuous	2
		utadrd	ValveCvrGas_ep	Valve Cover (Gas) (Existing)	4	1 / DGN1	1
X		utadrd	ValveCvrSewer	Valve Cover (Sewer)	2	0 / Continuous	2
		utadrd	ValveCvrSewer_ep	Valve Cover (Sanitary Sewer) (Existing)	2	1 / DGN1	1
X		utadrd	ValveCvrWater	Valve Cover (Water)	1	0 / Continuous	2
		utadrd	ValveCvrWater_ep	Valve Cover (Water) (Existing)	1	1 / DGN1	1
X		utadrd	ValveCvrWaterNP	Water Line Non-Potable	5	0 / Continuous	2
		utadrd	ValveCvrWaterNP_ep	Valve Cover (Non-Potable Water) (Existing)	5	1 / DGN1	1
		utadrd	ValveCvrWtrRaw_ep	Valve Cover (Raw Water) (Existing)	5	1 / DGN1	1
X		utadrd	ValveGas	Valve, Valve Box (Gas)	4	0 / Continuous	2
		utadrd	ValveGas_ep	Valve, Valve Box (Gas) (Existing)	4	1 / DGN1	1
X		utadrd	ValveSewer	Valve, Valve Box (Sanitary Sewer)	2	0 / Continuous	2
		utadrd	ValveSewer_ep	Valve, Valve Box (Sanitary Sewer) (Existing)	2	1 / DGN1	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		utadrd	ValveWater	Valve, Valve Box (Water) (Non-Potable)	1	0 / Continuous	2
		utadrd	ValveWater_ep	Valve, Valve Box (Water) (Non-Potable) (Existing)	1	1 / DGN1	1
X		utadrd	ValveWaterNP	Valve, Valve Box Water Line (Non-Potable)	5	0 / Continuous	2
		utadrd	ValveWaterNP_ep	Valve, Valve Box (Non-Potable Water) (Existing)	8	1 / DGN1	1
X		utadrd	Vaults	Vaults (Above Grade and Below Grade)	3	0 / Continuous	2
		utadrd	VaultsAG_ep	Vaults Above Grade (Existing)	3	1 / DGN1	0
		utadrd	VaultsBG_ep	Vaults Below Grade (Existing)	3	1 / DGN1	0
X		utadrd	VaultsRW	Vaults (Raw Water)	1	0 / Continuous	2
		utadrd	Vent	Vent (Unknown)	0	0 / Continuous	2
		utadrd	Vent_ep	Vent (Unknown) (Existing)	0	1 / DGN1	1
X		utadrd	VentGas	Vent (Gas)	4	0 / Continuous	2
		utadrd	VentGas_ep	Vent (Gas) (Existing)	4	1 / DGN1	1
X		utadrd	VentSewer	Vent (Sanitary Sewer)	2	0 / Continuous	2
		utadrd	VentSewer_ep	Vent (Sanitary Sewer) (Existing)	2	1 / DGN1	1
	A	utadrd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
X		utadrd	Water	Water Line	1	UT-Water-Proposed	2
		utadrd	WaterB_ep	Water Line (All Sizes) Quality Level A Locate (Existing)	1	UT-Water-Existing(B)	1
		utadrd	WaterB_ep	Water Line (All Sizes) Quality Level B Locate (Existing)	1	UT-Water-Existing(B)	1
		utadrd	WaterC_ep	Water Line (All Sizes) Quality Level C Locate (Existing)	1	UT-Water-Existing(C)	1
		utadrd	WaterD_ep	Water Line (All Sizes) Quality Level D Locate (Existing)	1	UT-Water-Existing(D)	1
X		utadrd	WaterFct	Standpipe and Water Faucet	1	0 / Continuous	2
		utadrd	WaterFct_ep	Faucet (Existing)	1	1 / DGN1	1
X		utadrd	WaterFilter	Water Filter	5	0 / Continuous	2
X		utadrd	WaterNP	Water Line (Non Potable)	5	UT-NonPotableWater-Proposed	2
		utadrd	WaterNP_B_ep	Non-potable Water Line (All Sizes) Quality Level A Locate (Existing)	5	UT-NonPotableWater-Existing(B)	1
		utadrd	WaterNP_B_ep	Non-potable Water Line (All Sizes) Quality Level B Locate (Existing)	5	UT-NonPotableWater-Existing(B)	1
		utadrd	WaterNP_C_ep	Non-potable Water Line (All Sizes) Quality Level C Locate (Existing)	5	UT-NonPotableWater-Existing(C)	1
		utadrd	WaterNP_D_ep	Non-potable Water Line (All Sizes) Quality Level D Locate (Existing)	5	UT-NonPotableWater-Existing(D)	1
X		utadrd	WaterNP_ex	Raw Water Pipes on Cross Sections (Existing)	5	0 / Continuous	1
X		utadrd	WaterNP_px	Raw Water Pipes on Cross Sections	5	0 / Continuous	1
		utadrd	WaterStandpipe_ep	Standpipe (Water) (Existing)	1	1 / DGN1	1
X		utadrd	Well	Well (All Sizes)	1	1 / DGN1	2
		utadrd	Well_ep	Well (All Sizes) (Existing)	1	1 / DGN1	1
X		utadrd	WellMon	Well Monitoring, Taps	1	0 / Continuous	2
		utadrd	WellMon_ep	Well Monitoring, Taps (Existing)	1	1 / DGN1	1
	A	utadrd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	utadrd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	utadrd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	utadrd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		utadrd	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1
		utadrd	XSPatternlines_ep	Cross Section Chain (Existing)	2	1 / DGN1	0

UTEXRD - Utilities Existing

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point /Line	Feature Code
		utexrd	Antenna_ep	Antenna (Existing)	3	1 / DGN1	1	P	ANT
		utexrd	Beacons_ep	Beacons and Path Illumination (Existing)	0	0 / Continuous	1	p	BN
		utexrd	CATVAer_ep	Cable TV Line (Aerial) (Existing)	6	UT-OverheadCable-Existing	1	L	CATV
		utexrd	CATVBurB_ep	Cable TV Line Quality Level A Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(B)	1	L	BCATVA
		utexrd	CATVBurB_ep	Cable TV Line Quality Level B Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(B)	1	L	BCATVB
		utexrd	CATVBurC_ep	Cable TV Line Quality Level C Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(C)	1	L	BCATVC
		utexrd	CATVBurD_ep	Cable TV Line Quality Level D Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(D)	1	L	BCATVD
		utexrd	CATVCondBurB_ep	Cable TV Conduit System Quality Level A Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(B)	1	L	CATVCA
		utexrd	CATVCondBurB_ep	Cable TV Conduit System Quality Level B Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(B)	1	L	CATVCB
		utexrd	CATVCondBurC_ep	Cable TV Conduit System Quality Level C Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(C)	1	L	CATVCC
		utexrd	CATVCondBurD_ep	Cable TV Conduit System Quality Level D Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(D)	1	L	CATVCD
		utexrd	CATVMisc_ep	Cable TV Service Box and Miscellaneous, Pole (Existing)	6	1 / DGN1	1	P	CATVS
		utexrd	ConduitB_ep	Utility Conduit & Encasements Quality Level A Locate (Existing)	3	UT-Casing-Existing(B)	1	L	DUCTA
		utexrd	ConduitB_ep	Utility Conduit & Encasements Quality Level B Locate (Existing)	3	UT-Casing-Existing(B)	1	L	DUCTB
		utexrd	ConduitC_ep	Utility Conduit & Encasements Quality Level C Locate (Existing)	3	UT-Casing-Existing(C)	1	L	DUCTC
		utexrd	ConduitD_ep	Utility Conduit & Encasements Quality Level D Locate (Existing)	3	UT-Casing-Existing(D)	1	L	DUCTD
		utexrd	ConstLines	Construction Lines and References	1	0 / Continuous	0		
		utexrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0		
		utexrd	ElecAer_ep	Electrical Conductors (Distribution & Transmission) (Aerial) (Existing)	3	UT-OverheadElec-Existing	1	L	PWR
		utexrd	ElecAerHVL_ep	High Voltage Transmission Lines (Existing)	3	UT-OverheadElec-Existing	1	L	HVL
		utexrd	ElecAerPri_ep	Conductors (Primary Distribution) (Aerial) (Existing)	3	UT-OverheadElec-Existing	1	L	PRI
		utexrd	ElecAerSec_ep	Conductors (Secondary Distribution) (Aerial) (Existing)	3	UT-OverheadElec-Existing	1	L	SEC
		utexrd	ElecBurB_ep	Electrical Quality Level A Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1	L	BPWRA
		utexrd	ElecBurB_ep	Electrical Quality Level B Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1	L	BPWRB
		utexrd	ElecBurC_ep	Electrical Quality Level C Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(C)	1	L	BPWRC
		utexrd	ElecBurD_ep	Electrical Quality Level D Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(D)	1	L	BPWRD
		utexrd	ElecBurPriB_ep	Conductors (Primary Distribution) Quality Level A Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1	L	TRANSA
		utexrd	ElecBurPriB_ep	Conductors (Primary Distribution) Quality Level B Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1	L	TRANSB
		utexrd	ElecBurPriC_ep	Conductors (Primary Distribution) Quality Level C Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(C)	1	L	TRANSC
		utexrd	ElecBurPriD_ep	Conductors (Primary Distribution) Quality Level D Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(D)	1	L	TRANSD
		utexrd	ElecBurSecB_ep	Conductor (Secondary Distribution) Quality Level A Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1	L	BSECA
		utexrd	ElecBurSecB_ep	Conductor (Secondary Distribution) Quality Level B Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1	L	BSECB
		utexrd	ElecBurSecC_ep	Conductor (Secondary Distribution) Quality Level C Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(C)	1	L	BSECC
		utexrd	ElecBurSecD_ep	Conductor (Secondary Distribution) Quality Level D Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(D)	1	L	BSECD
		utexrd	ElecCAPA_ep	Capacitors (Aerial) (Existing)	3	1 / DGN1	1	L	CAPA
		utexrd	ElecCAPB_ep	Capacitors (Buried) (Existing)	3	1 / DGN1	1	L	CAPB
		utexrd	ElecFuse_ep	Fuses (Existing)	3	1 / DGN1	1	L	FUSE
		utexrd	ElecMisc_ep	Regulators, Reclosures, Sectionalizers, Pedestals, Test Cells, Electric Test & Miscellaneous	3	1 / DGN1	1		
		utexrd	ElecMultiCtrl_ep	Electric Control Panel (Large Panels with Multiple Controls) (Existing)	3	1 / DGN1	1	L	ECP
		utexrd	ElecOutlet_ep	Electrical Outlet (Existing)	3	1 / DGN1	1	P	ELEO
		utexrd	ElecServBox_ep	Electric Service Box (Large) (Existing)	3	1 / DGN1	1	L	ELECS
		utexrd	FireHydrant_ep	Fire Hydrant (Existing)	1	1 / DGN1	1	P	FH
		utexrd	FloodLight_ep	Flood Light (Existing)	3	1 / DGN1	1	P	FLD

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		utexrd	FOCAer_ep	Fiber Optics Cable (Aerial) (Existing)	6	UT-OverheadFOC-Existing	1	L	FOC
		utexrd	FOCBurB_ep	Fiber Optics Cable Quality Level A Locate (Buried) (Existing)	6	UT-BuriedFOC(B)-Existing	1	L	FOCUA
		utexrd	FOCBurB_ep	Fiber Optics Cable Quality Level B Locate (Buried) (Existing)	6	UT-BuriedFOC(B)-Existing	1	L	FOCUB
		utexrd	FOCBurC_ep	Fiber Optics Cable Quality Level C Locate (Buried) (Existing)	6	UT-BuriedFOC(C)-Existing	1	L	FOCUC
		utexrd	FOCBurD_ep	Fiber Optics Cable Quality Level D Locate (Buried) (Existing)	6	UT-BuriedFOC(D)-Existing	1	L	FOCUD
		utexrd	FOEAer_ep	Fiber Optics Electrical (Aerial) (Existing)	3	UT-OverheadFOE-Existing	1	L	FOP
		utexrd	FOEBurB_ep	Fiber Optics Electrical Quality Level A Locate (Buried) (Existing)	3	UT-BuriedFOE(B)-Existing	1	L	FOPUA
		utexrd	FOEBurB_ep	Fiber Optics Electrical Quality Level B Locate (Buried) (Existing)	3	UT-BuriedFOE(B)-Existing	1	L	FOPUB
		utexrd	FOEBurC_ep	Fiber Optics Electrical Quality Level C Locate (Buried) (Existing)	3	UT-BuriedFOE(C)-Existing	1	L	FOPUC
		utexrd	FOEBurD_ep	Fiber Optics Electrical Quality Level D Locate (Buried) (Existing)	3	UT-BuriedFOE(D)-Existing	1	L	FOPUD
		utexrd	FOTAer_ep	Fiber Optics Telephone (Aerial) (Size Unknown) (Existing)	6	UT-OverheadFOT-Existing	1	L	FO
		utexrd	FOTBurB_ep	Fiber Optics Telephone Quality Level A Locate (Buried) (Size Unknown) (Existing)	6	UT-BuriedFOT(B)-Existing	1	L	FOUA
		utexrd	FOTBurB_ep	Fiber Optics Telephone Quality Level B Locate (Buried) (Size Unknown) (Existing)	6	UT-BuriedFOT(B)-Existing	1	L	FOUB
		utexrd	FOTBurC_ep	Fiber Optics Telephone Quality Level C Locate (Buried) (Size Unknown) (Existing)	6	UT-BuriedFOT(C)-Existing	1	L	FOUC
		utexrd	FOTBurD_ep	Fiber Optics Telephone Quality Level D Locate (Buried) (Size Unknown) (Existing)	6	UT-BuriedFOT(D)-Existing	1	L	FOUD
		utexrd	FOTVBurB_ep	Fiber Optics Television Quality Level A Locate (Buried) (Existing)	6	UT-BuriedFOC(B)-Existing	1	L	FOTVUA
		utexrd	FOTVBurB_ep	Fiber Optics Television Quality Level B Locate (Buried) (Existing)	6	UT-BuriedFOC(B)-Existing	1	L	FOTVUB
		utexrd	FOTVBurC_ep	Fiber Optics Television Quality Level C Locate (Buried) (Existing)	6	UT-BuriedFOC(C)-Existing	1	L	FOTVUC
		utexrd	FOTVBurD_ep	Fiber Optics Television Quality Level D Locate (Buried) (Existing)	6	UT-BuriedFOC(D)-Existing	1	L	FOTVUD
		utexrd	GasB_ep	Gas Line (All Sizes) Quality Level A Locate (Existing)	4	UT-Gas-Existing(B)	1	L	GASA
		utexrd	GasB_ep	Gas Line (All Sizes) Quality Level B Locate (Existing)	4	UT-Gas-Existing(B)	1	L	GASB
		utexrd	GasC_ep	Gas Line (All Sizes) Quality Level C Locate (Existing)	4	UT-Gas-Existing(C)	1	L	GASC
		utexrd	GasD_ep	Gas Line (All Sizes) Quality Level D Locate (Existing)	4	UT-Gas-Existing(D)	1	L	GASD
		utexrd	GasReg_ep	Gas Regulator (Existing)	4	1 / DGN1	1	P	RG
		utexrd	GasTestMisc_ep	Gas Test & Miscellaneous (Existing)	4	1 / DGN1	1	L	GTM
		utexrd	Gauges_ep	Gauges (Existing)	0	1 / DGN1	1	P	GA
		utexrd	GuyWireAnchor_ep	Guy Anchor (Existing)	3	1 / DGN1	1	P	GYA
		utexrd	GuyWirePole_ep	Guy Pole (Dead-Man) (Existing)	3	1 / DGN1	1	P	GYP
		utexrd	GuyWireSpan_ep	Span Guys (Existing)	3	1 / DGN1	1	L	GYS
		utexrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0		
X		utexrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2	X	
		utexrd	JunctBox_ep	Junction Box / Service Cabinet (Elec/Tel) (Existing)	3	1 / DGN1	1	P	SRVC
		utexrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1		
		utexrd	LiteCond_ep	Street Lighting Conductors (Existing)	3	SG-Conduit-Existing	0	L	SLC
		utexrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1		
		utexrd	Luminaire_ep	Street Light / Pole (Existing)	3	1 / DGN1	1	P	LP
		utexrd	ManholeCOMM_ep	Manhole (Communications) (Existing)	6	1 / DGN1	1	P	MHCATV
		utexrd	ManholeElec_ep	Manhole (Electric) (Existing)	3	1 / DGN1	1	P	MHE
		utexrd	ManholeGas_ep	Manhole (Gas) (Existing)	4	1 / DGN1	1	P	MHG
		utexrd	ManholeSS_ep	Manhole (Sanitary Sewer) (Existing)	2	1 / DGN1	1	P	MHS
		utexrd	ManholeSW_ep	Manhole (Storm Water) (Existing)	10	1 / DGN1	1	P	MHD
		utexrd	ManholeTel_ep	Manhole (Telephone) (Existing)	6	1 / DGN1	1	P	MHT
		utexrd	ManholeUnknown_ep	Manhole (Unknown) (Existing)	0	1 / DGN1	1	P	MH
		utexrd	ManholeWater_ep	Manhole (Water) (Existing)	1	1 / DGN1	1	P	MHW
		utexrd	MeterElec_ep	Meter (Electric) (Existing)	3	1 / DGN1	1	P	ME
		utexrd	MeterElecBur_ep	Meter (Electric) (Buried) (Existing)	3	1 / DGN1	1	P	MEU

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		utexrd	MeterGas_ep	Meter (Gas) (Existing)	4	1 / DGN1	1	P	MG
		utexrd	MeterUnk_ep	Meter (Unknown) (Existing)	0	1 / DGN1	1	P	MU
		utexrd	MeterWater_ep	Meter (Water) (Existing)	1	1 / DGN1	1	P	MW
		utexrd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0		
		utexrd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1		
		utexrd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2		
		utexrd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0		
		utexrd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1		
		utexrd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2		
		utexrd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0		
		utexrd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1		
		utexrd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2		
		utexrd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3		
		utexrd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0		
		utexrd	Oil_B_ep	Oil Line (All Sizes) Quality Level A Locate (Existing)	4	UT-Petroleum-Existing(B)	1	L	PETROA
		utexrd	Oil_B_ep	Oil Line (All Sizes) Quality Level B Locate (Existing)	4	UT-Petroleum-Existing(B)	1	L	PETROB
		utexrd	Oil_C_ep	Oil Line (All Sizes) Quality Level C Locate (Existing)	4	UT-Petroleum-Existing(C)	1	L	PETROC
		utexrd	Oil_D_ep	Oil Line (All Sizes) Quality Level D Locate (Existing)	4	UT-Petroleum-Existing(D)	1	L	PETROD
		utexrd	PipeEncaseB_ep	Pipe Encasements Quality Level A Locate (Existing)	0	UT-Casing-Existing(B)	1	L	PIPENA
		utexrd	PipeEncaseB_ep	Pipe Encasements Quality Level B Locate (Existing)	0	UT-Casing-Existing(B)	1	L	PIPENB
		utexrd	PipeEncaseC_ep	Pipe Encasements Quality Level C Locate (Existing)	0	UT-Casing-Existing(C)	1	L	PIPENC
		utexrd	PipeEncaseD_ep	Pipe Encasements Quality Level D Locate (Existing)	0	UT-Casing-Existing(D)	1	L	PIPEND
		utexrd	PoleElec_ep	Electrical Pole (Existing)	3	1 / DGN1	1	P	PP
		utexrd	PoleElecT_ep	Electrical Pole With Transformer (Existing)	3	1 / DGN1	1	P	PPT
		utexrd	PoleShared_ep	Shared Pole (Existing)	3	1 / DGN1	1	P	SHP
		utexrd	PoleSharedT_ep	Shared Pole with Transformer (Existing)	3	1 / DGN1	1	P	SHPT
		utexrd	PullBox_ep	Wiring Pull Box (Lighting or Signal) (Existing)	3	1 / DGN1	1	P	WPB
		utexrd	Pump_ep	Pump (Petroleum / Fuel) (Existing)	7	1 / DGN1	1	P	PMPF
		utexrd	PumpNonPet_ep	Pump (Non Petroleum) (Existing)	1	1 / DGN1	1	P	PMP
		utexrd	SanitaryFM_B_ep	Sanitary Force Main (All Sizes) Quality Level A Locate (Existing)	2	UT-Sanitary-Existing(B)	1	L	FMA
		utexrd	SanitaryFM_B_ep	Sanitary Force Main (All Sizes) Quality Level B Locate (Existing)	2	UT-Sanitary-Existing(B)	1	L	FMB
		utexrd	SanitaryFM_C_ep	Sanitary Force Main (All Sizes) Quality Level C Locate (Existing)	2	UT-Sanitary-Existing(C)	1	L	FMC
		utexrd	SanitaryFM_D_ep	Sanitary Force Main (All Sizes) Quality Level D Locate (Existing)	2	UT-Sanitary-Existing(D)	1	L	FMD
		utexrd	SanitarySewerB_ep	Sanitary Sewer (All Sizes) Quality Level A Locate (Existing)	2	UT-Sanitary-Existing(B)	1	L	SSA
		utexrd	SanitarySewerB_ep	Sanitary Sewer (All Sizes) Quality Level B Locate (Existing)	2	UT-Sanitary-Existing(B)	1	L	SSB
		utexrd	SanitarySewerC_ep	Sanitary Sewer (All Sizes) Quality Level C Locate (Existing)	2	UT-Sanitary-Existing(C)	1	L	SSC
		utexrd	SanitarySewerD_ep	Sanitary Sewer (All Sizes) Quality Level D Locate (Existing)	2	UT-Sanitary-Existing(D)	1	L	SSD
		utexrd	SanitarySewerCLNO_ep	Sanitary Sewer Cleanout (Existing)	2	1 / DGN1	1	P	CLNO
		utexrd	SanitarySewerDSta_ep	Sanitary Sewer Dump Station (Existing)	2	2 / DGN2	1	P	DMPS
		utexrd	SanitarySewerEff_ep	Sanitary Sewer Effluent (Open Channel) (Existing)	2	1 / DGN1	1	L	SE
		utexrd	SanitarySewerPSta_ep	Sanitary Sewer Pump Station (Existing)	2	1 / DGN1	1	P	PMPST
		utexrd	SateDish_ep	Satellite Dish Antenna (Existing)	6	4 / DGN4	1	P	SATD
		utexrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0		
		utexrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0		
		utexrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0		

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		utexrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0		
101		utexrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2	101	
		utexrd	SpecialDetails	Special Details	6	0 / Continuous	1		
		utexrd	Sprinkler_ep	Sprinkler Head (Existing)	1	1 / DGN1	1	P	SPH
		utexrd	SteamB_ep	Steam Line Quality Level A Locate (Existing)	1	UT-Steam-Existing(B)	1	L	STEAMA
		utexrd	SteamB_ep	Steam Line Quality Level B Locate (Existing)	1	UT-Steam-Existing(B)	1	L	STEAMB
		utexrd	SteamC_ep	Steam Line Quality Level C Locate (Existing)	1	UT-Steam-Existing(C)	1	L	STEAMC
		utexrd	SteamD_ep	Steam Line Quality Level D Locate (Existing)	1	UT-Steam-Existing(D)	1	L	STEAMD
		utexrd	SU_Delineator_ep	Subsurface Utility (Quality Level Delineator) (Existing)	0	0 / Continuous	1	P	QDEL
		utexrd	SU_Interrupt_ep	Subsurface Utility (End of Interruption) (Existing)	0	0 / Continuous	1	P	EOI
		utexrd	SU_QLA_ep	Subsurface Utility Quality Level A Locate Point (Existing)	0	0 / Continuous	1	P	QLA
		utexrd	SU_QLB_ep	Subsurface Utility Quality Level B Locate Point (Existing)	0	0 / Continuous	1	P	QLB
		utexrd	SU_QLC_ep	Subsurface Utility Quality Level C Locate Point (Existing)	0	0 / Continuous	1	P	QLC
		utexrd	SU_QLD_ep	Subsurface Utility Quality Level D Locate Point (Existing)	0	0 / Continuous	1	P	QLD
		utexrd	SU_QLATestHole_ep	Subsurface Utility Test Hole (QLA Only) (Existing)	0	0 / Continuous	1	P	THA
		utexrd	Switchgear_ep	Switchgear & Appurtenances (Existing)	3	1 / DGN1	1	L	SW
A		utexrd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1		
		utexrd	TeleAer_ep	Telephone Line (Aerial) (Existing)	6	UT-OverheadTel-Existing	1	L	TEL
		utexrd	TeleBooth_ep	Telephone Booth (Existing)	6	1 / DGN1	1	P	TB
		utexrd	TeleBurB_ep	Telephone (All Sizes) Quality Level A Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(B)	1	L	BTA
		utexrd	TeleBurB_ep	Telephone (All Sizes) Quality Level B Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(B)	1	L	BTB
		utexrd	TeleBurC_ep	Telephone (All Sizes) Quality Level C Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(C)	1	L	BTC
		utexrd	TeleBurD_ep	Telephone (All Sizes) Quality Level D Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(D)	1	L	BTD
		utexrd	TeleBurDB_ep	Telephone, DUCT (All Sizes) Quality Level A Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(B)	1	L	BTDA
		utexrd	TeleBurDB_ep	Telephone, DUCT (All Sizes) Quality Level B Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(B)	1	L	BTDB
		utexrd	TeleBurDC_ep	Telephone, DUCT (All Sizes) Quality Level C Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(C)	1	L	BTDC
		utexrd	TeleBurDD_ep	Telephone, DUCT (All Sizes) Quality Level D Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(D)	1	L	BTDD
		utexrd	TeleBurTB_ep	Telephone, TOLL (All Sizes) Quality Level A Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(B)	1	L	BTTA
		utexrd	TeleBurTB_ep	Telephone, TOLL (All Sizes) Quality Level B Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(B)	1	L	BTTB
		utexrd	TeleBurTC_ep	Telephone, TOLL (All Sizes) Quality Level C Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(C)	1	L	BTTC
		utexrd	TeleBurTD_ep	Telephone, TOLL (All Sizes) Quality Level D Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(D)	1	L	BTTD
		utexrd	TelePed_ep	Telephone Pedestal / Service (Existing)	6	1 / DGN1	1	P	TPD
		utexrd	TelePole_ep	Telephone Pole (Existing)	6	1 / DGN1	1	P	TELP
		utexrd	TeleServBox_ep	Telephone Service Box (Large) (Existing)	6	1 / DGN1	1	L	TELS
		utexrd	TextConstEle	Text - Construction Element	0	Continuous	1		
		utexrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1		
		utexrd	TextNotes	Text - Notes	4	0 / Continuous	1		
		utexrd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1		
		utexrd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1		
		utexrd	Tower_ep	High Mast Lighting Poles or Towers (Existing)	3	1 / DGN1	1	P	HML
		utexrd	TowerTrans_ep	Transmission Tower (Single Column) (Existing)	3	1 / DGN1	1	P	CLMT
		utexrd	Transformer_ep	Transformer (Existing)	3	1 / DGN1	1	P	TRNF
X		utexrd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2	X	
X		utexrd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2	X	
		utexrd	UtilMarker_ep	Subsurface Utility Marker (Existing)	5	1 / DGN1	1	P	UMKR

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)	Point / Line	Feature Code
		utexrd	UtilMisc_ep	Utility Items (Miscellaneous) (Existing)	0	0 / Continuous	0	L	UMISC
		utexrd	Valve_ep	Valve (Unknown) (Existing)	0	1 / DGN1	1	P	VLV
X		utexrd	ValveBFP_ep	Valve, Valve Box (Back Flow Preventer) (Existing)	0	1 / DGN1	1	P	VLVB
		utexrd	ValveBox_ep	Valve Box (Unknown) (Existing)	0	1 / DGN1	1	P	VB
		utexrd	ValveBoxGas_ep	Valve Box (Gas) (Existing)	4	1 / DGN1	1	P	VBG
		utexrd	ValveBoxSwr_ep	Valve Box (Sanitary Sewer) (Existing)	2	1 / DGN1	1	P	VBS
		utexrd	ValveBoxWtr_ep	Valve Box (Water) (Existing)	1	1 / DGN1	1	P	VBW
		utexrd	ValveBoxWtrNP_ep	Valve Box (Non-Potable Water) (Existing)	5	1 / DGN1	1	P	VBNPW
		utexrd	ValveCover_ep	Valve Cover (Unknown) (Existing)	0	1 / DGN1	1	P	VC
		utexrd	ValveCvrEff_ep	Valve Cover (Effluent) (Existing)	5	1 / DGN1	1	P	VCEF
		utexrd	ValveCvrGas_ep	Valve Cover (Gas) (Existing)	4	1 / DGN1	1	P	VCG
		utexrd	ValveCvrSewer_ep	Valve Cover (Sanitary Sewer) (Existing)	2	1 / DGN1	1	P	VCS
		utexrd	ValveCvrWater_ep	Valve Cover (Water) (Existing)	1	1 / DGN1	1	P	VCW
		utexrd	ValveCvrWaterNP_ep	Valve Cover (Non-potable Water) (Existing)	5	1 / DGN1	1	P	VGNPW
		utexrd	ValveCvrWtrRaw_ep	Valve Cover (Raw Water) (Existing)	5	1 / DGN1	1	P	VCRW
		utexrd	ValveGas_ep	Valve, Valve Box (Gas) (Existing)	4	1 / DGN1	1	P	VLVG
		utexrd	ValveSewer_ep	Valve, Valve Box (Sanitary Sewer) (Existing)	2	1 / DGN1	1	P	VLVS
		utexrd	ValveWater_ep	Valve, Valve Box (Water) (Existing)	1	1 / DGN1	1	P	VLVW
		utexrd	ValveWaterNP_ep	Valve, Valve Box (Non-Potable Water) (Existing)	5	1 / DGN1	1	P	VLVNPW
		utexrd	VaultsAG_ep	Vaults Above Grade (Existing)	3	1 / DGN1	0	L	AGV
		utexrd	VaultsBG_ep	Vaults Below Grade (Existing)	3	1 / DGN1	0	L	BGV
		utexrd	Vent_ep	Vent (Existing)	0	1 / DGN1	1	P	VNT
		utexrd	VentGas_ep	Vent (Gas) (Existing)	4	1 / DGN1	1	P	VNTG
		utexrd	VentSewer_ep	Vent (Sanitary Sewer) (Existing)	2	1 / DGN1	1	P	VNTS
A		utexrd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0		
		utexrd	WaterB_ep	Water Line (All Sizes) Quality Level A Locate (Existing)	1	UT-Water-Existing(B)	1	L	WLA
		utexrd	WaterB_ep	Water Line (All Sizes) Quality Level B Locate (Existing)	1	UT-Water-Existing(B)	1	L	WLB
		utexrd	WaterC_ep	Water Line (All Sizes) Quality Level C Locate (Existing)	1	UT-Water-Existing(C)	1	L	WLC
		utexrd	WaterD_ep	Water Line (All Sizes) Quality Level D Locate (Existing)	1	UT-Water-Existing(D)	1	L	WLD
		utexrd	WaterFct_ep	Faucet (Existing)	1	1 / DGN1	1	P	FAU
		utexrd	WaterNP_B_ep	Non-potable Water Line (All Sizes) Quality Level A Locate (Existing)	5	UT-NonPotableWater-Existing(B)	1	L	NPWLA
		utexrd	WaterNP_B_ep	Non-potable Water Line (All Sizes) Quality Level B Locate (Existing)	5	UT-NonPotableWater-Existing(B)	1	L	NPWLB
		utexrd	WaterNP_C_ep	Non-potable Water Line (All Sizes) Quality Level C Locate (Existing)	5	UT-NonPotableWater-Existing(C)	1	L	NPWLC
		utexrd	WaterNP_D_ep	Non-potable Water Line (All Sizes) Quality Level D Locate (Existing)	5	UT-NonPotableWater-Existing(D)	1	L	NPWLD
		utexrd	WaterStandpipe_ep	Standpipe (Water) (Existing)	1	1 / DGN1	1	P	SP
		utexrd	Well_ep	Well (All Sizes) (Existing)	1	1 / DGN1	1	P	WELL
		utexrd	WellMon_ep	Well Monitoring, Taps (Existing)	1	1 / DGN1	1	P	MONW
A		utexrd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1		
A		utexrd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1		
A		utexrd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1		
A		utexrd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1		

UTPRRD - Utilities Proposed

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
	B	utprrd	ActivePointCell_dp	Active Point Cell	4	0 / Continuous	10
	B	utprrd	AdhocPoint_dp	Adhoc Points Placed by SheetInfo	0	4 / DGN4	0
		utprrd	Beacons_ep	Beacons and Path Illumination (Existing)	0	0 / Continuous	1
X		utprrd	BLSurvey_px	Baseline Survey on Cross Sections	0	0 / Continuous	2
X		utprrd	Capacitor	Capacitors (All Types)	3	0 / Continuous	2
X		utprrd	Casing	Casing	0	UT-Casing-Proposed	2
X		utprrd	CATVAer	Cable TV Line (Aerial)	6	UT-OverheadCable-Proposed	2
		utprrd	CATVAer_ep	Cable TV Line (Aerial) (Existing)	6	UT-OverheadCable-Existing	1
X		utprrd	CATVBur	Cable TV Line (Buried)	6	UT-BuriedCable-Proposed	2
X		utprrd	CATVBur_px	Cable TV and Miscellaneous on Cross Sections (Buried)	6	0 / Continuous	1
		utprrd	CATVBurB_ep	Cable TV Line Quality Level A Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(B)	1
		utprrd	CATVBurB_ep	Cable TV Line Quality Level B Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(B)	1
		utprrd	CATVBurC_ep	Cable TV Line Quality Level C Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(C)	1
		utprrd	CATVBurD_ep	Cable TV Line Quality Level D Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(D)	1
X		utprrd	CATVCond	Cable TV Conduit System	6	SG-Conduit	2
		utprrd	CATVCondBurB_ep	Cable TV Conduit System Quality Level A Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(B)	1
		utprrd	CATVCondBurB_ep	Cable TV Conduit System Quality Level B Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(B)	1
		utprrd	CATVCondBurC_ep	Cable TV Conduit System Quality Level C Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(C)	1
		utprrd	CATVCondBurD_ep	Cable TV Conduit System Quality Level D Locate (Buried) (Existing)	6	UT-BuriedCable-Existing(D)	1
		utprrd	CATVMisc	Cable TV Service Box and Miscellaneous	6	0 / Continuous	2
		utprrd	CATVMisc_ep	Cable TV Service Box and Miscellaneous, Pole (Existing)	6	1 / DGN1	1
X		utprrd	CLConst_px	Center Line of Construction on Cross Sections	0	0 / Continuous	2
		utprrd	COGO_dp	COGO Information	3	0 / Continuous	1
X		utprrd	Conduit	Conduit for Utilities and Encasements	3	SG-Conduit	2
		utprrd	ConduitB_ep	Utility Conduit & Encasements Quality Level A Locate (Existing)	3	UT-Casing-Existing(B)	1
		utprrd	ConduitB_ep	Utility Conduit & Encasements Quality Level B Locate (Existing)	3	UT-Casing-Existing(B)	1
		utprrd	ConduitC_ep	Utility Conduit & Encasements Quality Level C Locate (Existing)	3	UT-Casing-Existing(C)	1
		utprrd	ConduitD_ep	Utility Conduit & Encasements Quality Level D Locate (Existing)	3	UT-Casing-Existing(D)	1
X		utprrd	ConduitAG	Conduit (Above Ground)	4	SG-ConduitAG-Proposed	1
X		utprrd	ConduitBM	Conduit – Bridge Mount	5	SG-ConduitBM-Proposed	1
X		utprrd	ConduitDB	Conduit – Directional Bore	2	SG-ConduitDB-Proposed	1
X		utprrd	ConduitJB	Conduit – Jack & Bore Under Rail	3	SG-ConduitJB-Proposed	1
X		utprrd	ConduitOT	Conduit – Open Trench	1	SG-ConduitOT-Proposed	1
		utprrd	ConstLines	Construction Lines and Preferences	1	0 / Continuous	0
		utprrd	ConstLines_pm	Construction Lines	4	0 / Continuous	0
X		utprrd	Controller_ep	Controller and Accessories (Existing)	0	2 / DGN2	1
X		utprrd	ControllerB_ep	Controller - Base Mounted (Existing)	0	2 / DGN2	1
X		utprrd	ControllerP_ep	Controller Pole Mount (Existing)	0	2 / DGN2	1
		utprrd	DimLines_dp	Dimension Lines, Corresponding Terminators, Equation Lines	0	0 / Continuous	1
X		utprrd	Duct	Duct Pipe (Buried)	7	UT-Duct-Proposed	2
		utprrd	DummyChains_ep	Dummy Chains (Existing)	0	0 / Continuous	1
X		utprrd	EaseLicLine	Easement License Agreement Line	0	RW-License	1
X		utprrd	ElecAer	Electrical Lines (Aerial)	3	UT-OverheadElec-Proposed	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		utprrd	ElecAer_ep	Electrical Conductors (Distribution & Transmission) (Aerial) (Existing)	3	UT-OverheadElec-Existing	1
		utprrd	ElecAerHVL_ep	High Voltage Transmission Line (Existing)	3	UT-OverheadElec-Existing	1
		utprrd	ElecAerPri_ep	Conductors (Primary Distribution) (Aerial) (Existing)	3	UT-OverheadElec-Existing	1
		utprrd	ElecAerSec_ep	Conductors (Secondary Distribution) (Aerial) (Existing)	3	UT-OverheadElec-Existing	1
X		utprrd	ElecBur	Electrical (Buried)	3	UT-BuriedElec-Proposed	2
		utprrd	ElecBurB_ep	Electrical Quality Level B Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1
		utprrd	ElecBurB_ep	Electrical Quality Level B Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1
		utprrd	ElecBurC_ep	Electrical Quality Level C Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(C)	1
		utprrd	ElecBurD_ep	Electrical Quality Level D Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(D)	1
		utprrd	ElecBurPriB_ep	Conductors (Primary Distribution) Quality Level A Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1
		utprrd	ElecBurPriB_ep	Conductors (Primary Distribution) Quality Level B Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1
		utprrd	ElecBurPriC_ep	Conductors (Primary Distribution) Quality Level C Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(C)	1
		utprrd	ElecBurPriD_ep	Conductors (Primary Distribution) Quality Level D Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(D)	1
		utprrd	ElecBurSecB_ep	Conductor (Secondary Distribution) Quality Level A Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1
		utprrd	ElecBurSecB_ep	Conductor (Secondary Distribution) Quality Level B Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(B)	1
		utprrd	ElecBurSecC_ep	Conductor (Secondary Distribution) Quality Level C Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(C)	1
		utprrd	ElecBurSecD_ep	Conductor (Secondary Distribution) Quality Level D Locate (Buried) (Existing)	3	UT-BuriedElec-Existing(D)	1
		utprrd	ElecCAPA_ep	Capacitors (Aerial) (Existing)	3	1 / DGN1	1
		utprrd	ElecCAPB_ep	Capacitors (Buried) (Existing)	3	1 / DGN1	1
		utprrd	ElecFuse_ep	Fuses (Existing)	3	1 / DGN1	1
		utprrd	ElecMisc	Fuses, Reclosures, Regulator, Sectionalizers	3	0 / Continuous	2
		utprrd	ElecMisc_ep	Regulators, Reclosures, Sectionalizers, Pedestals, Test Cells, Electric Test & Miscellaneous	3	1 / DGN1	1
X		utprrd	ElecOutlet	Electrical Outlet	3	0 / Continuous	2
		utprrd	ElecOutlet_ep	Electrical Outlet (Existing)	3	1 / DGN1	1
X		utprrd	ElecServ	Electrical Service Miscellaneous	3	0 / Continuous	2
X		utprrd	ElecServWire	Electrical Service Wire	3	0 / Continuous	2
X		utprrd	FireHydrant	Fire Hydrant	1	0 / Continuous	2
		utprrd	FireHydrant_ep	Fire Hydrant (Existing)	1	1 / DGN1	1
		utprrd	FloodLight_ep	Flood Light (Existing)	3	1 / DGN1	1
X		utprrd	FOCAer	Fiber Optics Cable (Aerial)	6	UT-OverheadFOC-Proposed	2
X		utprrd	FOCBur	Fiber Optics Cable (Buried)	6	UT-BuriedFOC-Proposed	2
		utprrd	FOCBurB_ep	Fiber Optics Cable Quality Level A Locate (Buried) (Existing)	6	UT-BuriedFOC(B)-Existing	1
		utprrd	FOCBurB_ep	Fiber Optics Cable Quality Level B Locate (Buried) (Existing)	6	UT-BuriedFOC(B)-Existing	1
		utprrd	FOCBurC_ep	Fiber Optics Cable Quality Level C Locate (Buried) (Existing)	6	UT-BuriedFOC(C)-Existing	1
		utprrd	FOCBurD_ep	Fiber Optics Cable Quality Level D Locate (Buried) (Existing)	6	UT-BuriedFOC(D)-Existing	1
X		utprrd	FOEAer	Fiber Optics Electrical (Aerial)	3	UT-OverheadFOE-Proposed	2
		utprrd	FOEAer_ep	Fiber Optics Electrical (Aerial) (Existing)	3	UT-OverheadFOE-Existing	1
X		utprrd	FOEBur	Fiber Optics Electrical (Buried)	3	UT-BuriedFOE-Proposed	2
		utprrd	FOEBurB_ep	Fiber Optics Electrical Quality Level A Locate (Buried) (Existing)	3	UT-BuriedFOE(B)-Existing	1
		utprrd	FOEBurB_ep	Fiber Optics Electrical Quality Level B Locate (Buried) (Existing)	3	UT-BuriedFOE(B)-Existing	1
		utprrd	FOEBurC_ep	Fiber Optics Electrical Quality Level C Locate (Buried) (Existing)	3	UT-BuriedFOE(C)-Existing	1
		utprrd	FOEBurD_ep	Fiber Optics Electrical Quality Level D Locate (Buried) (Existing)	3	UT-BuriedFOE(D)-Existing	1
X		utprrd	FOTAer	Fiber Optics Telephone (Aerial) (Size Unknown)	6	UT-OverheadFOT-Proposed	2
		utprrd	FOTAer_ep	Fiber Optics Telephone (Aerial) (Size Unknown) (Existing)	6	UT-OverheadFOT-Existing	1
X		utprrd	FOTBur	Fiber Optics Telephone (Buried) (Size Unknown)	6	UT-BuriedFOT-Proposed	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		utprrd	FOTBurB_ep	Fiber Optics Telephone Quality Level A Locate (Buried) (Size Unknown) (Existing)	6	UT-BuriedFOT(B)-Existing	1
		utprrd	FOTBurB_ep	Fiber Optics Telephone Quality Level B Locate (Buried) (Size Unknown) (Existing)	6	UT-BuriedFOT(B)-Existing	1
		utprrd	FOTBurC_ep	Fiber Optics Telephone Quality Level C Locate (Buried) (Size Unknown) (Existing)	6	UT-BuriedFOT(C)-Existing	1
		utprrd	FOTBurD_ep	Fiber Optics Telephone Quality Level D Locate (Buried) (Size Unknown) (Existing)	6	UT-BuriedFOT(D)-Existing	1
X		utprrd	Gas	Gas Pipe and Fittings	4	UT-Gas-Proposed	2
		utprrd	Gas_ep	Gas Test & Miscellaneous (Existing)	4	1 / DGN1	1
		utprrd	GasB_ep	Gas Line (All Sizes) Quality Level A Locate (Existing)	4	UT-Gas-Existing(B)	1
		utprrd	GasB_ep	Gas Line (All Sizes) Quality Level B Locate (Existing)	4	UT-Gas-Existing(B)	1
		utprrd	GasC_ep	Gas Line (All Sizes) Quality Level C Locate (Existing)	4	UT-Gas-Existing(C)	1
		utprrd	GasD_ep	Gas Line (All Sizes) Quality Level D Locate (Existing)	4	UT-Gas-Existing(D)	1
		utprrd	GasMisc	Gas Regulator and Miscellaneous Items	4	0 / Continuous	2
		utprrd	GasReg_ep	Gas Regulator (Existing)	4	1 / DGN1	1
		utprrd	GasTestMisc_ep	Gas Test & Miscellaneous (Existing)	4	1 / DGN1	1
X		utprrd	Gauges	Gauges	0	0 / Continuous	2
		utprrd	Gauges_ep	Gauges (Existing)	0	1 / DGN1	1
X		utprrd	Generator	Emergency Generator	0	0 / Continuous	2
X		utprrd	GuyWire	Guy Wire	3	0 / Continuous	2
		utprrd	GuyWireAnchor_ep	Guy Anchor (Existing)	3	1 / DGN1	1
		utprrd	GuyWirePole_ep	Guy Pole (Dead-Man) (Existing)	3	1 / DGN1	1
		utprrd	GuyWireSpan_ep	Span Guys (Existing)	3	1 / DGN1	1
		utprrd	ImageAttachment_dp	Image Attachments	0	0 / Continuous	0
X		utprrd	InletProt	Rock Bags, Sand Bagging, etc.	10	SWP-InletProt	2
X		utprrd	InterconCable_ep	Interconnect Cable (Existing)	1	SG-InterconCable-Existing	0
X		utprrd	JunctBox	Junction Box, Service Cabinet (Elec/Tel)	3	0 / Continuous	2
		utprrd	JunctBox_ep	Junction Box / Service Cabinet (Elec/Tel) (Existing)	3	1 / DGN1	1
X		utprrd	JunctBoxA	Junction Box (Aerial)	3	0 / Continuous	1
X		utprrd	JunctBoxA_ep	Junction Box (Aerial) (Existing)	3	1 / DGN1	0
		utprrd	LeaderLine_dp	Leader Line and Terminator with Text	0	0 / Continuous	1
		utprrd	LiteCond_ep	Street Lighting Conductors (Existing)	3	SG-Conduit-Existing	0
X		utprrd	LoadCenter	Load Center	2	0 / Continuous	1
X		utprrd	LoadCenter_ep	Load Center (Existing)	2	5 / DGN5	0
		utprrd	Logo_dp	Consultant Engineer of Record Logo	0	0 / Continuous	1
X		utprrd	LoopLI_ep	Loop Lead-In (Existing)	3	2 / DGN2	0
X		utprrd	Loops_ep	Loop Assembly (All Types) (Existing)	2	2 / DGN2	2
X		utprrd	Luminaire	Luminaires (Decorative) (All Types)	2	0 / Continuous	1
		utprrd	Luminaire_ep	Street Light / Pole (Existing)	3	1 / DGN1	1
		utprrd	Manhole_ex	Manhole on Cross Sections (Existing)	10	3 / DGN3	2
X		utprrd	Manhole_px	Manhole on Cross Sections	10	0 / Continuous	2
		utprrd	ManholeCOMM	Manhole (Communications)	6	0 / Continuous	1
		utprrd	ManholeCOMM_ep	Manhole (Communications) (Existing)	6	1 / DGN1	1
X		utprrd	ManholeElec	Manhole (Electric)	3	0 / Continuous	2
		utprrd	ManholeElec_ep	Manhole (Electric) (Existing)	3	1 / DGN1	1
X		utprrd	ManholeGas	Manhole (Gas)	4	0 / Continuous	2
		utprrd	ManholeGas_ep	Manhole (Gas) (Existing)	4	1 / DGN1	1
X		utprrd	ManholeSS	Manhole (Sanitary Sewer)	2	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		utprrd	ManholeSS_ep	Manhole (Sanitary Sewer) (Existing)	2	1 / DGN1	1
X		utprrd	ManholeSW	Manhole (Storm Water)	10	0 / Continuous	2
		utprrd	ManholeSW_ep	Manhole (Storm Water) (Existing)	10	1 / DGN1	1
X		utprrd	ManholeTel	Manhole (Telephone)	6	0 / Continuous	2
		utprrd	ManholeTel_ep	Manhole (Telephone) (Existing)	6	1 / DGN1	1
X		utprrd	ManholeUnknown	Manhole (Unknown)	0	0 / Continuous	2
		utprrd	ManholeUnknown_ep	Manhole (Unknown) (Existing)	0	1 / DGN1	1
		utprrd	ManholeWater	Manhole (Water)	1	0 / Continuous	1
		utprrd	ManholeWater_ep	Manhole (Water) (Existing)	1	1 / DGN1	1
X		utprrd	MeterElec	Meter (Electric)	3	0 / Continuous	2
		utprrd	MeterElec_ep	Meter (Electric) (Existing)	3	1 / DGN1	1
		utprrd	MeterElecBur_ep	Meter (Electric) (Buried) (Existing)	3	1 / DGN1	1
X		utprrd	MeterGas	Meter (Gas)	4	0 / Continuous	2
		utprrd	MeterGas_ep	Meter (Gas) (Existing)	4	1 / DGN1	1
		utprrd	MeterUnk	Meter (Unknown)	0	0 / Continuous	2
		utprrd	MeterUnk_ep	Meter (Unknown) (Existing)	0	1 / DGN1	1
X		utprrd	MeterWater	Water Meter	1	0 / Continuous	2
		utprrd	MeterWater_ep	Meter (Water) (Existing)	1	1 / DGN1	1
		utprrd	Miscellaneous0	Undefined Proposed Item - Color Blue Weight 0	1	0 / Continuous	0
		utprrd	Miscellaneous1	Undefined Proposed Item - Color Blue Weight 1	1	0 / Continuous	1
		utprrd	Miscellaneous2	Undefined Proposed Item - Color Blue Weight 2	1	0 / Continuous	2
		utprrd	Miscellaneous3	Undefined Proposed Item - Color Green Weight 0	2	0 / Continuous	0
		utprrd	Miscellaneous4	Undefined Proposed Item - Color Green Weight 1	2	0 / Continuous	1
		utprrd	Miscellaneous5	Undefined Proposed Item - Color Green Weight 2	2	0 / Continuous	2
		utprrd	Miscellaneous6	Undefined Proposed Item - Color Red Weight 0	3	0 / Continuous	0
		utprrd	Miscellaneous7	Undefined Proposed Item - Color Red Weight 1	3	0 / Continuous	1
		utprrd	Miscellaneous8	Undefined Proposed Item - Color Red Weight 2	3	0 / Continuous	2
		utprrd	Miscellaneous9	Undefined Proposed Item - Color Red Weight 3	3	0 / Continuous	3
		utprrd	NonPlottingEle_dp	Non-Plotting Items - Construction Elements, Type 66 Elements, Etc.	4	0 / Continuous	0
X		utprrd	Oil	Oil Pipeline, Petroleum	4	UT-Petroleum-Proposed	2
		utprrd	Oil_B_ep	Oil Line (All Sizes) Quality Level A Locate (Existing)	4	UT-Petroleum-Existing(B)	1
		utprrd	Oil_B_ep	Oil Line (All Sizes) Quality Level B Locate (Existing)	4	UT-Petroleum-Existing(B)	1
		utprrd	Oil_C_ep	Oil Line (All Sizes) Quality Level C Locate (Existing)	4	UT-Petroleum-Existing(C)	1
		utprrd	Oil_D_ep	Oil Line (All Sizes) Quality Level D Locate (Existing)	4	UT-Petroleum-Existing(D)	1
X		utprrd	OverheadSign_ep	Overhead Sign Panels (Existing)	0	3 / DGN3	1
X		utprrd	OverheadStr_ep	Mast Arm, Truss Assemblies, Signal Arms and Supports (Existing)	0	3 / DGN3	1
		utprrd	PayItem_dp	Pay Item Number Label Elements	4	0 / Continuous	2
X		utprrd	Pedestal_ep	Pedestal (Existing)	1	2 / DGN2	1
X		utprrd	PedHead_ep	Pedestrian Head (All Types) (Existing)	0	2 / DGN2	1
		utprrd	PedSignal_ep	Pedestrian Signal Unit, Signage (Existing)	0	2 / DGN2	0
		utprrd	PipeEncaseB_ep	Pipe Encasements Quality Level A Locate (Existing)	0	UT-Casing-Existing(B)	1
		utprrd	PipeEncaseB_ep	Pipe Encasements Quality Level B Locate (Existing)	0	UT-Casing-Existing(B)	1
		utprrd	PipeEncaseC_ep	Pipe Encasements Quality Level C Locate (Existing)	0	UT-Casing-Existing(C)	1
		utprrd	PipeEncaseD_ep	Pipe Encasements Quality Level D Locate (Existing)	0	UT-Casing-Existing(D)	1
		utprrd	PointLocator_ep	Point Locator Symbol (Existing)	4	0 / Continuous	0

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		utprrd	PoleConc	Concrete Strain Pole	0	0 / Continuous	2
X		utprrd	PoleConc_ep	Concrete Strain Pole (Existing)	0	2 / DGN2	1
X		utprrd	PoleElec	Electrical Pole w/ Transformer	3	0 / Continuous	2
		utprrd	PoleElec_ep	Electrical Pole (Existing)	3	1 / DGN1	1
		utprrd	PoleElecT_ep	Electrical Pole With Transformer (Existing)	3	1 / DGN1	1
X		utprrd	PoleFound	Pole Foundation	0	0 / Continuous	2
X		utprrd	PoleLight	Light Pole	2	0 / Continuous	1
X		utprrd	PoleLight_ep	Light Pole (Existing)	2	2 / DGN2	1
X		utprrd	PoleLightHM	High Mast Light Pole	3	0 / Continuous	1
X		utprrd	PoleLightHM_ep	High Mast Light Pole (Existing)	2	2 / DGN2	1
		utprrd	PoleLightID	Light Pole Location / ID	4	0 / Continuous	1
X		utprrd	PoleShared	Power Pole Electric (Above Ground) Shared w/ Transformer	3	0 / Continuous	2
		utprrd	PoleShared_ep	Shared Pole (Existing)	3	1 / DGN1	1
		utprrd	PoleSharedT_ep	Shared Pole with Transformer (Existing)	3	1 / DGN1	1
X		utprrd	PoleSteelStrain	Steel Strain Pole	0	0 / Continuous	2
X		utprrd	PoleSteelStrain_ep	Steel Strain Pole (Existing)	0	2 / DGN2	1
X		utprrd	PoleTel	Telephone Pole	6	0 / Continuous	2
X		utprrd	PoleUtil	Utility Pole	0	0 / Continuous	2
X		utprrd	PoleWoodStrain	Wood Strain Pole	0	0 / Continuous	2
X		utprrd	PoleWoodStrain_ep	Wood Strain Pole (Existing)	0	2 / DGN2	1
X		utprrd	PullBox	Pull Boxes (All Types)	3	0 / Continuous	1
		utprrd	PullBox_ep	Wiring Pull Box (Lighting or Signal) (Existing)	3	1 / DGN1	1
		utprrd	Pump	Pump (Petroleum / Fuel)	7	0 / Continuous	2
X		utprrd	PumpNonPet	Pump (Non Petroleum)	1	0 / Continuous	2
		utprrd	PumpNonPet_ep	Pump (Non Petroleum) (Existing)	1	1 / DGN1	1
		utprrd	ReferencePt_dp	Survey and Construction Reference Point Details and Elements	4	0 / Continuous	2
X		utprrd	SanitaryFM	Sanitary Force Main Lines	2	UT-Sanitary-Proposed	2
		utprrd	SanitaryFM_B_ep	Sanitary Force Main (All Sizes) Quality Level A Locate (Existing)	2	UT-Sanitary-Existing(B)	1
		utprrd	SanitaryFM_B_ep	Sanitary Force Main (All Sizes) Quality Level B Locate (Existing)	2	UT-Sanitary-Existing(B)	1
		utprrd	SanitaryFM_C_ep	Sanitary Force Main (All Sizes) Quality Level C Locate (Existing)	2	UT-Sanitary-Existing(C)	1
		utprrd	SanitaryFM_D_ep	Sanitary Force Main (All Sizes) Quality Level D Locate (Existing)	2	UT-Sanitary-Existing(D)	1
X		utprrd	SanitarySewer	Sanitary Sewer	2	UT-Sanitary-Proposed	2
		utprrd	SanitarySewerB_ep	Sanitary Sewer (All Sizes) Quality Level A Locate (Existing)	2	UT-Sanitary-Existing(B)	1
		utprrd	SanitarySewerB_ep	Sanitary Sewer (All Sizes) Quality Level B Locate (Existing)	2	UT-Sanitary-Existing(B)	1
		utprrd	SanitarySewerC_ep	Sanitary Sewer (All Sizes) Quality Level C Locate (Existing)	2	UT-Sanitary-Existing(C)	1
		utprrd	SanitarySewerD_ep	Sanitary Sewer (All Sizes) Quality Level D Locate (Existing)	2	UT-Sanitary-Existing(D)	1
		utprrd	SanitarySewerCLNO_ep	Sanitary Sewer Cleanout (Existing)	2	1 / DGN1	1
X		utprrd	SanitarySewerDSta	Sanitary Sewer Dump Station (SS)	2	0 / Continuous	2
		utprrd	SanitarySewerDSta_ep	Sanitary Sewer Dump Station (SS) (Existing)	2	2 / DGN2	1
X		utprrd	SanitarySewerEff	Sanitary Sewer Effluent NPW	5	UT-NonPotableWater-Proposed	2
		utprrd	SanitarySewerEff_ep	Sanitary Sewer Effluent (Open Channel) (Existing)	2	1 / DGN1	1
X		utprrd	SanitarySewerEff_ex	Sanitary Sewer Effluent on Cross Sections (Existing)	5	0 / Continuous	0
X		utprrd	SanitarySewerEff_px	Sanitary Sewer Effluent on Cross Sections	5	0 / Continuous	0
		utprrd	SanitarySewerMisc	Sanitary Sewer Items(Miscellaneous)	2	0 / Continuous	2
		utprrd	SanitarySewerPSta_ep	Sanitary Sewer Pump Station (Existing)	2	1 / DGN1	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		utprrd	SateDish_ep	SatteliteSatellite Dish Antenna (Existing)	6	4 / DGN4	1
101		utprrd	SedimentBarrier	Synthetic Bales, Staked Silt Fences, etc.	10	SWP-SedimentBarrier	2
		utprrd	Scratch1_dp	Scratch Level for Temporary or Informational Items	4	0 / Continuous	0
		utprrd	Scratch2_dp	Scratch Level for Temporary or Informational Items	5	0 / Continuous	0
		utprrd	ScratchEle_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	3	0 / Continuous	0
		utprrd	ScratchEle2_dp	Scratch Level for Draft Elements, Temporary Elements, Etc. (DO NOT PLOT)	4	0 / Continuous	0
		utprrd	Signal_ep	Signal Head, Signal on Pedestal (Existing)	3	1 / DGN1	1
		utprrd	SignalControl_ep	Signal Controller (Existing)	3	2 / DGN2	0
X		utprrd	SignalHead_ep	Signal Head Section Details (Existing)	2	2 / DGN2	0
		utprrd	SignalLoop_ep	Traffic Detector Loops (Existing)	7	1 / DGN1	2
		utprrd	SignalSupport_ep	Signal Supports (Including Mast Arm) (Existing)	3	2 / DGN2	0
X		utprrd	SignalSym_ep	Signal Head Symbols (Existing)	3	2 / DGN2	0
X		utprrd	SignCantilever_ep	Sign Symbol Cantilever (Existing)	0	2 / DGN2	0
		utprrd	SignColumn_ep	Cantilever Sign Column (Large) (Existing)	0	3 / DGN3	1
		utprrd	SignMulti_ep	Multi-column Sign (Large Sign) (Existing)	0	3 / DGN3	1
X		utprrd	SignPanel_ep	Sign Panel Elements (Existing)	0	2 / DGN2	1
		utprrd	SignSingle_ep	Sign (Single Pole Support) (Existing)	3	2 / DGN2	0
X		utprrd	SignSpanwire	Span Wire Signing Assembly	2	0 / Continuous	1
X		utprrd	SignSpanwire_ep	Span Wire Signing Assembly (Existing)	2	2 / DGN2	1
X		utprrd	SignTruss_ep	Sign Symbol Truss (Existing)	3	2 / DGN2	1
		utprrd	SignTrussOH_ep	Trusses and Cantilevers for Overhead Signs (Existing)	0	3 / DGN3	1
		utprrd	SpanWire_ep	Signal / Span Wire (Existing)	3	2 / DGN2	0
		utprrd	SpanWireP_ep	Signal / Span Wire Pole (Existing)	3	2 / DGN2	0
		utprrd	SpecialDetails	Special Details	6	0 / Continuous	1
X		utprrd	Sprinkler	Sprinkler Head	1	0 / Continuous	2
		utprrd	Sprinkler_ep	Sprinkler Head (Existing)	1	1 / DGN1	1
X		utprrd	Steam	Steam Pipes	1	UT-Steam-Proposed	2
		utprrd	SteamB_ep	Steam Line Quality Level A Locate (Existing)	4	UT-Steam-Existing(B)	1
		utprrd	SteamB_ep	Steam Line Quality Level B Locate (Existing)	4	UT-Steam-Existing(B)	1
		utprrd	SteamC_ep	Steam Line Quality Level C Locate (Existing)	4	UT-Steam-Existing(C)	1
		utprrd	SteamD_ep	Steam Line Quality Level D Locate (Existing)	4	UT-Steam-Existing(D)	1
X		utprrd	StreetLights	Street Lights	2	0 / Continuous	1
		utprrd	SU_QLA_ep	Subsurface Utility Quality Level A Locate Point (Existing)	0	0 / Continuous	1
		utprrd	SU_QLB_ep	Subsurface Utility Quality Level B Locate Point (Existing)	0	0 / Continuous	1
		utprrd	SU_QLC_ep	Subsurface Utility Quality Level C Locate Point (Existing)	0	0 / Continuous	1
		utprrd	SU_QLD_ep	Subsurface Utility Quality Level D Locate Point (Existing)	0	0 / Continuous	1
X		utprrd	Switchgear	Switchgear and Appurtenances	3	0 / Continuous	2
		utprrd	Switchgear_ep	Switchgear & Appurtenances (Existing)	3	1 / DGN1	1
	A	utprrd	Tables_dp	Data Tables and All Autodesk Tables	0	0 / Continuous	1
X		utprrd	TeleAer	Telephone (Aerial)	6	UT-OverheadTel-Proposed	2
		utprrd	TeleAer_ep	Telephone Line (Aerial) (Existing)	6	UT-OverheadTel-Existing	1
		utprrd	TeleBooth_ep	Telephone Booth (Existing)	6	1 / DGN1	1
X		utprrd	TeleBur	Telephone (Buried)	6	UT-BuriedTel-Proposed	2
X		utprrd	TeleBur_px	Telephone on Cross Sections (Buried) (Miscellaneous)	6	0 / Continuous	1
		utprrd	TeleBurB_ep	Telephone (All Sizes) Quality Level A Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(B)	1

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
		utprrd	TeleBurB_ep	Telephone (All Sizes) Quality Level B Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(B)	1
		utprrd	TeleBurC_ep	Telephone (All Sizes) Quality Level C Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(C)	1
		utprrd	TeleBurD_ep	Telephone (All Sizes) Quality Level D Locate (Buried) (Existing)	6	UT-BuriedTel-Existing(D)	1
		utprrd	TeleMisc	Telephone Service Box, Booth or Pedestal	6	0 / Continuous	2
		utprrd	TelePed_ep	Telephone Pedestal / Service Box (Existing)	6	1 / DGN1	1
		utprrd	TelePole_ep	Telephone Pole (Existing)	6	1 / DGN1	1
		utprrd	TeleServBox_ep	Telephone Service Box (Large) (Existing)	6	1 / DGN1	1
		utprrd	TextBLStation	Text - B/L Station and Tics	0	0 / Continuous	2
		utprrd	TextConstEle	Text - Construction Element	0	0 / Continuous	1
		utprrd	TextCurveData	Text - Curve Data Note	0	0 / Continuous	2
		utprrd	TextDetails	Text - Detail Notes	4	0 / Continuous	2
		utprrd	TextDrainInvElev_ep	Text - Drainage Invert Elevation (Existing)	0	0 / Continuous	1
		utprrd	TextDrainLabel_ep	Text - Drainage (Existing)	0	0 / Continuous	1
		utprrd	TextElevLabel	Text - Elevation Labels	4	0 / Continuous	0
		utprrd	TextLabel	Text - Label	0	0 / Continuous	2
		utprrd	TextLandscape	Text - Landscape Labels	0	0 / Continuous	1
		utprrd	TextMajor	Text - Major	0	0 / Continuous	5
		utprrd	TextMinor	Text - Minor	0	0 / Continuous	0
		utprrd	TextMisc	Text - Miscellaneous	0	0 / Continuous	1
		utprrd	TextNotes	Text - Notes	4	0 / Continuous	1
		utprrd	TextProfLabel	Text - Profile, Horizontal and Vertical Axis Labels	0	0 / Continuous	2
		utprrd	TextProjLabel	Text - Begin and End ProjectLabel with Leader Lines	1	0 / Continuous	2
		utprrd	TextPtLabel	Text - Point Labels	4	0 / Continuous	0
		utprrd	TextShtNo	Text - Sheet Number	0	0 / Continuous	2
		utprrd	TextSubUtilLabel_ep	Text - Subsurface Utilities (Existing)	0	0 / Continuous	1
		utprrd	TextSurveyLabel	Text - Survey Text Labels	0	0 / Continuous	0
		utprrd	TextTables	Text - Key Sheet Indexes and Table Data	4	0 / Continuous	2
		utprrd	TextTitle	Text - Title	0	0 / Continuous	3
		utprrd	TextTopoLabel_ep	Text - Topography (Existing)	0	0 / Continuous	1
		utprrd	TextUtilLabel_ep	Text - Utilities (Existing)	0	0 / Continuous	1
		utprrd	TextXSElev	Text - Cross Section Elevations	2	0 / Continuous	1
		utprrd	TopoMisc_ep	Topography (Miscellaneous) (Existing)	0	3 / DGN3	1
X		utprrd	Tower	High Mast Light Poles or Towers	3	0 / Continuous	2
		utprrd	Tower_ep	High Mast Light Poles or Towers (Existing)	3	1 / DGN1	1
		utprrd	TowerTrans_ep	Transmission Tower (Single Column) (Existing)	3	1 / DGN1	1
X		utprrd	TransformerAer	Transformer Unit (Above Ground)	3	0 / Continuous	2
X		utprrd	TransformerBur	Transformer (Buried)	3	0 / Continuous	2
X		utprrd	TransmissionAer	Electric Conductors (Distribution & Transmission) (Aerial)	3	UT-OverheadElec-Proposed	2
X		utprrd	TransmissionBur	Electric Conductors (Distribution & Transmission) (Buried)	3	UT-BuriedElec-Proposed	2
X		utprrd	TransmissionT	Transmission Tower Single	3	0 / Continuous	2
X		utprrd	TurbidityBarrier1	Turbidity Barrier 1 (Floating)	10	SWP-TurbidityBarrier-Type1	2
X		utprrd	TurbidityBarrier2	Turbidity Barrier 2 (Staked)	10	SWP-TurbidityBarrier-Type2	2
		utprrd	UtilMisc_ep	Utility Items (Miscellaneous) (Existing)	0	0 / Continuous	0
		utprrd	UtilsMisc	Utility Items (Miscellaneous)	8	0 / Continuous	2
X		utprrd	UtilsProposed	Facilities/Utilities as Shown in Utility Adjustments	9	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		utprrd	Valve	Valve (Unknown)	0	0 / Continuous	2
		utprrd	Valve_ep	Valve (Unknown) (Existing)	0	1 / DGN1	1
X		utprrd	ValveBFP_ep	Valve, Valve Box (Back Flow Preventer) (Existing)	0	1 / DGN1	1
		utprrd	ValveBox_ep	Valve Box (Existing)	0	1 / DGN1	1
		utprrd	ValveBoxGas_ep	Valve Box (Gas) (Existing)	4	1 / DGN1	1
		utprrd	ValveBoxSwr_ep	Valve Box (Sanitary Sewer) (Existing)	2	1 / DGN1	1
		utprrd	ValveBoxWtr_ep	Valve Box (Water) (Existing)	1	1 / DGN1	1
		utprrd	ValveBoxWtrNP_ep	Valve Box (Non-Potable Water) (Existing)	5	1 / DGN1	1
X		utprrd	ValveCover	Valve Cover (Unknown)	0	0 / Continuous	2
		utprrd	ValveCover_ep	Valve Cover (Unknown) (Existing)	0	1 / DGN1	1
X		utprrd	ValveCvrEff	Valve Cover (Effluent)	5	0 / Continuous	2
		utprrd	ValveCvrEff_ep	Valve Cover (Effluent) (Existing)	5	1 / DGN1	1
X		utprrd	ValveCvrGas	Valve Cover (Gas)	4	0 / Continuous	2
		utprrd	ValveCvrGas_ep	Valve Cover (Gas) (Existing)	4	1 / DGN1	1
X		utprrd	ValveCvrSewer	Valve Cover (Sanitary Sewer)	2	0 / Continuous	2
		utprrd	ValveCvrSewer_ep	Valve Cover (Sanitary Sewer) (Existing)	2	1 / DGN1	1
X		utprrd	ValveCvrWater	Valve Cover (Water)	1	0 / Continuous	2
		utprrd	ValveCvrWater_ep	Valve Cover (Water) (Existing)	1	1 / DGN1	1
X		utprrd	ValveCvrWaterNP	Water Line Non Potable	5	0 / Continuous	2
		utprrd	ValveCvrWaterNP_ep	Valve Cover (Non-Potable Water) (Existing)	5	1 / DGN1	1
		utprrd	ValveCvrWtrRaw_ep	Valve Cover (Raw Water) (Existing)	5	1 / DGN1	1
X		utprrd	ValveGas	Valve, Valve Box (Gas)	4	0 / Continuous	2
		utprrd	ValveGas_ep	Valve, Valve Box (Gas) (Existing)	4	1 / DGN1	1
X		utprrd	ValveSewer	Valve, Valve Box (Sanitary Sewer)	2	0 / Continuous	2
		utprrd	ValveSewer_ep	Valve, Valve Box (Sanitary Sewer) (Existing)	2	1 / DGN1	1
X		utprrd	ValveWater	Valve, Valve Box (Water)	1	0 / Continuous	2
		utprrd	ValveWater_ep	Valve, Valve Box (Water) (Existing)	1	1 / DGN1	1
X		utprrd	ValveWaterNP	Valve, Valve Box (Water) (Non Potable)	5	0 / Continuous	2
		utprrd	ValveWaterNP_ep	Valve, Valve Box (Water) (NonPotable)	8	1 / DGN1	1
X		utprrd	Vaults	Vaults Above Grade and Below Grade	3	0 / Continuous	2
		utprrd	VaultsAG_ep	Vaults Above Grade (Existing)	3	1 / DGN1	0
		utprrd	VaultsBG_ep	Vaults Below Grade (Existing)	3	1 / DGN1	0
X		utprrd	VaultsRW	Vaults (Raw Water)	1	0 / Continuous	2
		utprrd	Vent	Vent (Unknown)	0	0 / Continuous	2
		utprrd	Vent_ep	Vent (Unknown) (Existing)	0	1 / DGN1	1
X		utprrd	VentGas	Vent (Gas)	4	0 / Continuous	2
		utprrd	VentGas_ep	Vent (Gas) (Existing)	4	1 / DGN1	1
X		utprrd	VentSewer	Vent (Sanitary Sewer)	2	0 / Continuous	2
		utprrd	VentSewer_ep	Vent (Sanitary Sewer) (Existing)	2	1 / DGN1	1
	A	utprrd	Viewport	Viewport (For AutoCAD Use)	3	0 / Continuous	0
X		utprrd	Water	Water Line	1	UT-Water-Proposed	2
		utprrd	WaterB_ep	Water Line (All Sizes) Quality Level A Locate (Existing)	1	UT-Water-Existing(B)	1
		utprrd	WaterB_ep	Water Line (All Sizes) Quality Level B Locate (Existing)	1	UT-Water-Existing(B)	1
		utprrd	WaterC_ep	Water Line (All Sizes) Quality Level C Locate (Existing)	1	UT-Water-Existing(C)	1
		utprrd	WaterD_ep	Water Line (All Sizes) Quality Level D Locate (Existing)	1	UT-Water-Existing(D)	1
X		utprrd	WaterFct	Standpipe and Water Faucet	1	0 / Continuous	2
		utprrd	WaterFct_ep	Faucet (Existing)	1	1 / DGN1	1
X		utprrd	WaterFilter	Water Filter	5	0 / Continuous	2

Critical	Platform	Rule	Level Name	Level Description	Color (B) / (A)	LineStyle / Linetype (B) / (A)	Weight (B) / (A)
X		utprrd	WaterNP	Water Line Non Potable	5	UT-NonPotableWater-Proposed	2
		utprrd	WaterNP_B_ep	Non-Potable Water Line (All Sizes) Quality Level A Locate (Existing)	5	UT-NonPotableWater-Existing(B)	1
		utprrd	WaterNP_B_ep	Non-Potable Water Line (All Sizes) Quality Level B Locate (Existing)	5	UT-NonPotableWater-Existing(B)	1
		utprrd	WaterNP_C_ep	Non-Potable Water Line (All Sizes) Quality Level C Locate (Existing)	5	UT-NonPotableWater-Existing(C)	1
		utprrd	WaterNP_D_ep	Non-Potable Water Line (All Sizes) Quality Level D Locate (Existing)	5	UT-NonPotableWater-Existing(D)	1
X		utprrd	WaterNP_ex	Raw Water Pipes on Cross Sections (Existing)	5	0 / Continuous	1
X		utprrd	WaterNP_px	Raw Water Pipes on Cross Sections	5	0 / Continuous	1
		utprrd	WaterStandpipe_ep	Standpipe (Water) (Existing)	1	1 / DGN1	1
X		utprrd	Well	Well (All Sizes)	1	1 / DGN1	2
		utprrd	Well_ep	Well (All Sizes) (Existing)	1	1 / DGN1	1
X		utprrd	WellMon	Well Monitoring, Taps	1	0 / Continuous	2
		utprrd	WellMon_ep	Well Monitoring, Taps (Existing)	1	1 / DGN1	1
	A	utprrd	Xreference01_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	utprrd	Xreference02_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	utprrd	Xreference03_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
	A	utprrd	Xreference04_dp	Reference Files (For AutoCAD Use)	0	0 / Continuous	1
		utprrd	XSCell	GEOPAK Cross Section Cell/Block and Profile Cell/Block	8	0 / Continuous	1
		utprrd	XSPatternlines_ep	Cross Section Chain (Existing)	2	1 / DGN1	0