

CADD Manual

Record of Changes as of January 27, 2020

NOTE: All headings changed to update publish date. All links updated.

Chapter / Section	Description
Chapter 1	INTRODUCTION
1.1	PURPOSE
1.2	AUTHORITY
1.3	REFERENCES - Updated Reference Links
1.4	DEFINITIONS - Added Project QC Report and Project Validation Report
1.5	SCOPE
1.6	ORGANIZATION
1.7	ROLES AND RESPONSIBILITIES
1.7.1	CADD Office
1.7.2	CADD Managers
1.7.3	CADD Technical Advisory Committees (TACs)
1.8	DISTRIBUTION
1.9	TRAINING
1.1	LINKS AND FORMS
1.10.1	CADD Quick Links - Updated Links and added QuickStart using gINT Civil Tools
1.10.2	Forms
1.10.2.1	<i>Suggestions, Comments, or Questions for the CADD Manual</i>
1.10.2.2	<i>Compliance Certification Checklist</i> - Updated to address <i>ProjectProperties.xml</i> , <i>ProjectQCReport.txt</i> , & <i>ProjectValidationReport.txt</i>
Chapter 2	CADD COMPUTER SYSTEMS
2.1	PURPOSE
2.2	SCOPE
2.3	PROCUREMENT OF CADD HARDWARE AND SOFTWARE
2.4	MINIMUM SYSTEM REQUIREMENTS
2.4.1	Optimal CADD Hardware / Software Requirements
Chapter 3	CADD SOFTWARE, DEVELOPMENT AND DISTRIBUTION
3.1	PURPOSE
3.2	SCOPE
3.3	SUPPORTED CADD PLATFORMS
3.4	CADD SOFTWARE DEVELOPMENT
3.5	CADD SOFTWARE UPDATES
3.5.1	CADD Software Testing
3.5.2	CADD Software Release Notifications
3.5.3	CADD Software Release Distributions
Chapter 4	CADD SUPPORT
4.1	PURPOSE
4.2	SCOPE
4.3	OVERVIEW
4.4	SYSTEM SUPPORT
4.5	OPERATIONAL SUPPORT
4.6	TRAINING SUPPORT
4.7	REPORTING OF CADD ISSUES
Chapter 5	CADD STANDARDS
5.1	PURPOSE
5.2	SCOPE
5.3	GENERAL
5.4	DATABASE (DDB) RESOURCES
5.4.1	MicroStation Renamed: "MicroStation V81 (FDOTSS4, FDOTSS10)" - Added verbiage to identify software version as in the title.
5.4.2	Added new section: "MicroStation Connect Edition (FDOTConnect)" - Added new verbiage for the MicroStation Connect platform.

Chapter / Section	Description
5.4.25.4.3	AutoCAD Renumbered and Renamed: "5.4.2 5.4.3 AutoCAD (FDOT2019.C3D, FDOT2020.C3D)"
5.5	SEED / SHEET TEMPLATE FILES - Added note regarding Geographic Coordinate System (NAD83)
5.5.1	MicroStation Seed Files Renamed: "5.5.1 MicroStation V8i Seed Files (FDOTSS4, FDOTSS10)"
5.5.2	Added new section: "MicroStation Connect Edition Seed Files (FDOTConnect) - Added new verbiage and table for the MicroStation Connect platform.
5.5.25.5.3	AutoCAD Sheet Template Files Renumbered and renamed: "5.5.2 5.5.3 AutoCAD Sheet Template Files (FDOT2019.C3D, FDOT2020.C3D)"
5.6	DESIGN LIBRARIES / TEMPLATES
5.6.1	MicroStation Design Libraries Renamed: "MicroStation V8i Design Libraries (FDOTSS4, FDOTSS10)"
5.6.2	Added new section: "MicroStation Connect Edition Design Libraries (FDOTConnect) - Added new verbiage and table for the MicroStation Connect platform.
5.6.25.6.3	AutoCAD Design Template Files Renumbered and renamed: "5.6.2 5.6.3 AutoCAD Design Template Files (FDOT2019.C3D, FDOT2020.C3D)" - Updated verbiage
5.7	DESIGN FILE NAMES - Create one (1) master FDOT Standard Filename Table to download as PDF file and removed individual links.
	- Corrected Template Setting to \$(MX_DWTDIR)fdotmaster.dwt: BDBREM*, BDDMRD*, BDPLEM*, BDPLIT*, BDPLLD*, BDPLLT*, BDPLRD*, BDPLSG*, BDPLSP*, BDPLUW*, BDPPEM*, BDPPRD*, BDPREM*, BDPRRD*, BDXSEM*, BDXSIT*, BDXSRD*, BDXSPP*, GKLNRD*, TEXTUW*
	- Filename BDBRRD* - Corrected Template Setting to \$(MX_DWTDIR)planrd.dwt. +B64:B69B6B64:B94
	- Corrected Template Setting to \$(MX_DWTDIR)fdotmaster.dwt: - added Seed File entry for [ORD:\$(MX_SEEDIR)fdotseed2d.dgn]: DRXSCN, SSXSIT
	- removed Action entry TOPORW*, SIGNRW*, RWTAB*, RWSPS*, CSKEYM*, CSDETL*, CSCOVW*, CSREF*, MMREF*, RWREF*, RWPS*, RWPNCNTAB*, RWKEYM*, RWFACS*, RWDETL*, RWCOVR*
	- added Seed File entry for [ORD:\$(MX_SEEDIR)fdotseed2d.dgn] RDXSSP*, RDXSRD*, RDXSEM*, RDXSCN*, PDXSRD*, PDXSEM*, PDXSCN*, LDXSRD*, LDXSEM*
	- reversed prior Action entry and added Seed File entry for [ORD:\$(MX_SEEDIR)FDOT-SHEET.dgn] GNNTUW*, GNNTSP*, GNNTSG*, GNNTRD*, GNNTLT*, GNNTLD*, GNNTIT*, GNNTM*
	- Filename DRXSRD - reversed prior Action entry and added Seed File entry for [ORD:\$(MX_SEEDIR)fdotseed2d.dgn]
	- added Seed File entry for [ORD: \$(MX_SEEDIR)fdotseed2d.dgn] BDXSPP*, BDXSRD*, BDXSIT*, BDXSEM*, DRXSRD*, DRXSRD*
	- added Action for [ORD: \$(MX_SEEDIR)FDOT-SHEET.dgn]; append Actions entry with "[CONNECT:model create sheet GENERALNOTES]" for: KeySheet*, GNNTUW*, GNNTSP*, GNNTSG*, GNNTRD*, GNNTLT*, GNNTLD*, GNNTIT*, GNNTM*
	- added Action for [ORD:model create design SUPERELEVATION;model active Default;filedesign] ALGNRD*, ALGNEM*
	- Filename MODLRD - Description updated to "3D Modeling File (Existing/Proposed)" - Filename DSGNRD - Description updated to "Proposed 2D Planimetrics Design"
	- Utility Filename Descriptions - remove Acronym "UWHC" UTVHUW*, UTPRUW*, UTEXUW*, UTDTUW*, UTADUW*, TOPOUW*, TEXTUW*, TABQUW*, SIGNUW*, SBVHUW*, PROFUW*, PLPRUW*, PLANUW*, MTPRUW*, MTPLUW*, KEYSUW*, GNNTUW*, DSPFUW*, CLIPUW*, CESSUW*, BDPLUW*
	- Architectural Filename (AB-*) - File Group Name correction to "Architectural Files"
	- Filename ALGNBR* remove SS4 Actions entry
	- Filename RDXSRD Description - removed the verbiage ", Pattern Line and Shapes" - Filename PLPRUW: added "Utilities" to the Description field - Filename PLPRRD: added "Roadway" to the Description field - Filename PLPREM: added "EMO" to the Description field - Filename PLANUW: added "Utilities" to the Description field - Filename PLANSP: added "Signing & Pavement Marking" to the Description field - Filename PLANSG: added "Signalization" to the Description field - Filename PLANRD: added "Roadway" to the Description field - Filename PLANLT: added "Lighting" to the Description field - Filename PLANLD: added "Landscape" to the Description field - Filename PLANIT: added "ITS" to the Description field - Filename PLANEM: added "EMO" to the Description field

Chapter / Section	Description
	<ul style="list-style-type: none"> - Structures Filename: KeySheet - Added Action entry: [CONNECT:active level ClipDrawingBound_dp;wt=4] - Filename TYPDEM - Made changes to Seedfile and Action. FDOT-ORD-TypicalPackageSeed.dgn - Filename TYPDRD - Appended Seed File to [CONNECT: FDOT-ORD-TypicalPackageSeed.dgn] and [CONNECT:active level ClipDrawingBound_dp;wt=4] Action
	<ul style="list-style-type: none"> - append Actions [CONNECT: ...] entry with ";wt=4"; append Actions entry with "[CONNECT: active level ClipDrawingBound_dp]" for: KEYSEM*, KEYSUW*, KEYSSE*, KEYSSE*, KEYSRD*, KEYSLT*, KEYSLD*, KEYSIT*, KEYSEM*
	<ul style="list-style-type: none"> - corrected Seed File entry to: [CONNECT:FDOT-OBM-StructuresSeed3d.dgn] GDTMBR*, B#MODLBR* - corrected Seed File entry to: [CONNECT:FDOT-OBM-StructuresSeed2d.dgn] ALGNBR
	<ul style="list-style-type: none"> - Corrected Action entry SPECIALDETAILSHEET to SPECIALDETAILSHEETS for: CNPLLT, GRDTLD, GSWKIT, GSWKSG, GSWKSP, HSDTLD, JCDTIT*, JCDTLT*, LUDTIT*, LUDTLT*, MSARSP*, NWDTIT*, NWLYIT*, PLDTIT*, PLDTLD*, PLDTSG*, VHLPSG*, VHDIT*, UTDTUW*, UTADUW*, UTADRD*, UTADIT*, UTADEM* - Corrected Action entry TYPICALSHEET to TYPICALSHEETS for: TYP SRD* - Corrected Action entry TCTYPICALSHEET to TCTYPICALSHEETS for: TYPSEM*, TCTYRD*, TCTYEM* - Corrected Action entry TCGENERALNOTESSHEET to TCGENERALNOTES for: TCGNRD*, TCGNEM* - Corrected Action entry TCDETAILSHEET to TCDETAILSHEETS for: TCDTRD*, TCDTIT*, TCDTEM* - Corrected Action entry TABQUANTITIESHEET to TABQUANTITIESHEETS for: TABQUW*, TABQSP*, TABQSG*, TABQLT*, TABQLD*, TABQIT* - Corrected Action entry SUMQUANTITIESHEET to SUMQUANTITIESHEETS for: SUMQRD*, SUMQEM*
	<ul style="list-style-type: none"> - Corrected Action entry SUMDRAINSTRUCTSHEET to SUMDRAINSTRUCTSHEETS for: SUMDRD* - Corrected Action entry SPECIALDETAILSHEET to SPECIALDETAILSHEETS for: SSDTSG*, SSDTIT*, SRPTLT*, SRPTIT*, SPSGSP*, SPSGIT*, SPDTSP*, SPDTRD*, SPDTLT*, SPDTIT*, SPDTEM* - Corrected Action entry SIGNATURESHEET to SIGNATURESHEETS for: SIGNVU*, SIGNUW*, SIGNST*, SIGNSP*, SIGNSG*, SIGNRW*, SIGNRD*, SIGNPC*, SIGNLT*, SIGNLD*, SIGNIT*, SIGNEM*, SIGNCN*, SIGNCB* - Correct Action entry POLEDETAILSHEET to POLEDETAILSHEETS for: PLDTIT*, PLDTLT*, PLDTSG*
	<ul style="list-style-type: none"> - created new OBM Filenames for 3D Modeling: ALGNBR*, B#MODLBR*, GDTMBR* with Standard Rule, STRUCTURES, assignment
	<ul style="list-style-type: none"> - removed Action entry - "ft=FDOT Vert" for: TOPORW*, RWSPS*, RWPS*, RWPNECTAB*, RWKEYM*, RWFACS*, RWDETL*, RWCOVER*, MMKEYM*, MMDETL*, MMCORV*, GISRWDT*, GISPAR*, GISALGN*, CSKEYM*, CSDETL*, CSCORV*, BDPLSG*
	<ul style="list-style-type: none"> - Filename BDPLSG: Add missing Action entry - "mdl plotscale;plotscale set" - Filename B#Elec-CtlSchem*: remove Action entry - "[CONNECT:model create sheet CONTROLSHEETS]" - Set Obsolete files for ORD. Removed [CONNECT:...] action entry from the Seed File field to invalidate files: BDBREM*, BDBRRD*, BDDMRD*, BDPLEM*, BDPLIT*, BDPLLD*, BDPLLT*, BDPLRD*, BDPLSG*, BDPLSP*, BDPLUW*, BDPPEM*, BDPPRD*, BDPREM*, BDPRRD*, BDXSEM*, BDXSIT*, BDXSRD*, BDXSSP*, CLIPEM*, CLIPIT*, CLIPLD*, CLIPLT*, CLIPRD*, CLIPSG*, CLIPSP*, CLIPUW*, GKLN RD*, MTPREM*, MTPRIT*, MTPRLD*, MTPRLT*, MTPRRD*, MTPRSG*, MTPRSP*, MTPRUW*, MTPLEM*, MTPLIT*, MTPLLD*, MTPLLT*, MTPLRD*, MTPLSG*, MTPLSP*, MTPLUW*
	<ul style="list-style-type: none"> - Filename RDXSEM: correct Seed File from \$(MX_SEEDIR)fdotseedxs.dgn to \$(MX_SEEDIR)fdotseedxs.dgn[CONNECT:FDOT-ORD-Seed2D.dgn] - Filename BDBREM: correct Seed File from \$(MX_SEEDIR)Planrd.dgn to \$(MX_SEEDIR)fdotseed2d.dgn[CONNECT:FDOT-ORD-Seed2D.dgn]

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	<ul style="list-style-type: none"> - append Actions entry with "[CONNECT:model create sheet SPECIALDETAILSHEET]" for: SSDTSG*, SSDTIT*, SRPTLT*, SRPTIT*, SPSGSP*, SPSGIT*, SPDTSP*, SPDTRD*, SPDTLT*, SPDTIT*, SPDTEM*, VHLPSP*, VHDIT*, UTDTUW*, UTADRW*, UTADRW*, UTADIT*, UTADRM* - append Actions entry with "[CONNECT:model create sheet TYPICALSHEET]" for: TYPSTRD*, TYPSEM*, TCTYRD*, TCTYEM* - append Actions entry with "[CONNECT:model create sheet TCGENERALNOTESSHEET]" for: TCGNRD*, TCGNEM* - append Actions entry with "[CONNECT:model create sheet TCDDETAILSHEET]" for: TCDTRD*, TCDTIT*, TCDTEM* - append Actions entry with "[CONNECT:model create sheet TABQUANTITIESHEET]" for: TABQUW*, TABQSP*, TABQSG*, TABQLT*, TABQLD*, TABQIT* - append Actions entry with "[CONNECT:model create sheet SUMQUANTITIESHEET]" for: SUMQEM* - append Actions entry with "[CONNECT:model create sheet SUMDRAINAGESTRUCTSHEET]" for: SUMDRD* - append Actions entry with "[CONNECT:model create sheet SIGNATURESHEET]" for: SIGNVU*, SIGNUW*, SIGNST*, SIGNSP*, SIGNSG*, SIGNRW*, SIGNRD*, SIGNPC*, SIGNLT*, SIGNLD*, SIGNIT*, SIGNEM*, SIGNCN*, SIGNCB* 																					
	<ul style="list-style-type: none"> - Filename CTLSEM, add Actions - "[CONNECT:model create sheet CONTROLSHEETS]" - Append Actions entry with "[CONNECT:model create sheet SPECIALDETAILSHEETS]" for: CSINRD*, CNPLLT*, DRDTRD*, DETLLD* - Append Actions entry with "[CONNECT:model create sheet CONTROLSHEETS]" for: CURCRD*, CURCEM*, CTLSRD*, B#Elec-CtlSchem* - Append Actions entry with "[CONNECT:model create sheet PAYITEMSHEETS]" for: CESSUW*, CESSSP*, CESSSG*, CESSRD*, CESSLT*, CESSLD*, CESSIT*, CESSM* 																					
	<ul style="list-style-type: none"> - Correct Actions entry from "[ORD:model create sheet Summary]" to "[CONNECT:model create sheet SUMQUANTITIESHEET]" for: SUMQRD - Correct Action entry: change "[ORD:" to "[CONNECT:" for: KEYSUW*, KEYSSP*, KEYSSG*, ALGNRD*, ALGNEM*, KEYSRD*, KEYSLT*, KEYSLD*, KEYSIT*, KEYSEM* 																					
	<ul style="list-style-type: none"> - Remove From Seed File: [ORD: \$(MX_SEEDIR):FDOT-ORD-Seed2D.dgn] for: SSXSIT*, RDXSSP*, RDXSRD*, RDXSEM*, RDXSCN*, PDXSRD*, PDXSEM*, PDXSCN*, LDXSRD*, LDXSEM*, DRXSRD*, DRXSCN*, BDXSSP*, BDXSRD*, BDXSIT*, BDXSEM* - add "Action" setting: [ORD:model create sheet Summary] for: SUMQRD 																					
	<ul style="list-style-type: none"> - change Discipline setting from "RW" to "RIGHT OF WAY" TOPORW*, SIGNRW*, RWTAB*, RWSPS*, RWREF*, RWPS*, RWPNCAB*, RWKEYM*, RWFACS*, RWDDEL*, RWCOVER*, RW%*%*%*%*%*%*%*, MMREF*, MMKEYM*, MMDDEL*, MMCOVER*, MM%*%*%*%*%*%*%*, GISRWDT*, GISPAR*, GISALGN*, CSREF*, CSKEYM*, CSDEL*, CSCOVER*, CS%*%*%*%*%*%*%* 																					
	<ul style="list-style-type: none"> - Filename TOPORW* - With the change of the survey point features to a continuous line style/type and instead using graphical breaks as dashes, we no longer need a second template for Right of Way Mapping topo features. Specifically, we no longer need the toporw.dwt template. Instead we can use the survey.dwt template to make both the SURVRD.dwg and TOPORW.dwg files. 																					
	<ul style="list-style-type: none"> - Landscape: Create new missing Landscape Filenames for Irrigation and re-ordered Landscape filenames as per the FDM Section 329.2: <table border="1" data-bbox="295 1360 876 1554"> <thead> <tr> <th>Filename</th> <th>Description</th> <th>Rule</th> </tr> </thead> <tbody> <tr> <td>IRRPLD##</td> <td>Irrigation Plan</td> <td>planrd</td> </tr> <tr> <td>IRRDL##</td> <td>Irrigation Details</td> <td>open</td> </tr> <tr> <td>TCPLLD##</td> <td>Temporary Traffic Control Plan Sheets</td> <td>tcdsrd</td> </tr> <tr> <td>SWPPLD##</td> <td>Stormwater Pollution Prevention Plan</td> <td>plprrd</td> </tr> <tr> <td>IRRQLD##</td> <td>Irrigation Tabulation of Quantities</td> <td>planrd</td> </tr> <tr> <td>SUMQLD##</td> <td>Summary of Quantities Sheets</td> <td>planrd</td> </tr> </tbody> </table>	Filename	Description	Rule	IRRPLD##	Irrigation Plan	planrd	IRRDL##	Irrigation Details	open	TCPLLD##	Temporary Traffic Control Plan Sheets	tcdsrd	SWPPLD##	Stormwater Pollution Prevention Plan	plprrd	IRRQLD##	Irrigation Tabulation of Quantities	planrd	SUMQLD##	Summary of Quantities Sheets	planrd
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IRRPLD##	Irrigation Plan	planrd																				
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5.7.1	<ul style="list-style-type: none"> Design File Naming Convention - Updated the Standard Design Filename Formats to sync with the new Create File application. 																					
5.7.1.1	<ul style="list-style-type: none"> Structures Design File Naming Convention - Updated the Standard Design Filename Formats to sync with the new Create File application. 																					
5.7.1.2	<ul style="list-style-type: none"> Architectural Design File Naming Convention Renamed: "5.7.1.2 Architectural Design Naming Convention" - Updated the File Naming Convention verbiage format to clarify intent. 																					
5.7.1.3	<ul style="list-style-type: none"> Architectural Sheet Naming Convention - Changed numbered section to bullet section as a part of 5.7.1.2 - Updated the Sheet Naming Convention verbiage format to clarify intent. 																					
5.7.2	<ul style="list-style-type: none"> Critical or Non-Critical Percentage of Compliance Renamed: "Percentage of Compliance" - Updated verbiage to address compliancy change from 'Critical vs Non-Critical' design files to All design files meeting a minimum of 90% compliance threshold. 																					
5.7.3	<ul style="list-style-type: none"> References 																					
5.7.3.1	<ul style="list-style-type: none"> MicroStation Referencing - Added verbiage and image regarding \meta_info\ from section 5.7.3.2 																					
5.7.3.2	<ul style="list-style-type: none"> AutoCAD Referencing - Moved verbiage and image regarding \meta_info\ to section 5.7.3.1 																					

Chapter / Section	Description
5.7.3.3	Sharing of CADD Files
5.8	<p>CADD RULES</p> <ul style="list-style-type: none"> - Created new FDOT CADD Rule Tables in PDF format. <p><u>ALGNRD</u></p> <ul style="list-style-type: none"> - Updated Platform settings - Added levels: <i>BaselineTextWt0, TextElevLabel, TextPtLabel, TextSurveyLabel</i> - Removed inactivated levels: <i>TurbidityBarrier1, TurbidityBarrier2</i> - Added new levels: <i>TurbidityBarrierFloating, TurbidityBarrierStaked</i> with new Line Styles: <i>SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2</i> - Updated <i>ClipBorder_dp</i> Description from "CLIP Border and Civil 3D View Frame" to "CLIP Border" - Update Level <i>TextXSElev</i> - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. <p><u>AUTOSP</u></p> <ul style="list-style-type: none"> - Updated Platform settings - Removed inactivated levels: <i>TurbidityBarrier1, TurbidityBarrier2</i> - Added new levels: <i>TurbidityBarrierFloating, TurbidityBarrierStaked</i> with new Line Styles: <i>SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2</i> - Removed level: <i>PointLocator_ep</i> - Removed Levels: <i>TextSurveyLabel, TextElev: Label, TextSurveyLabel, TextPtLabel</i> - Update Level <i>TextXSElev</i> - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. <p><u>CLIPRD</u></p> <ul style="list-style-type: none"> - Updated Platform settings - Removed inactivated levels: <i>TurbidityBarrier1, TurbidityBarrier2</i> - Added new levels: <i>TurbidityBarrierFloating, TurbidityBarrierStaked</i> with new Line Styles: <i>SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2</i> - Removed levels: <i>PointLocator_ep, TextElev: Label, TextSurveyLabel, TextPtLabel</i> - Updated <i>ClipBorder_dp</i> Description from "CLIP Border and Civil 3D View Frame" to "CLIP Border" - Update Level <i>TextXSElev</i> - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. <p><u>CTLSRD</u></p> <ul style="list-style-type: none"> - Updated Platform settings - Added Levels: <i>BLSurveySymbl_ep, MonumentCC_ep, MonumentAT_ep, Building_ep, ConstLines, ConstLines_pm, Miscellaneous0, Miscellaneous1, Miscellaneous2, Miscellaneous3, Miscellaneous4, Miscellaneous5, Miscellaneous6, Miscellaneous7, Miscellaneous8, Miscellaneous9, PavtAsphalt_ep, PavtAsphaltCrown_ep, PavtBrick_ep, PavtConcrete_ep, PoleElec_ep, PoleElecT_ep, PoleShared_ep, PoleSharedT_ep, Post_ep, PoleElec_ep, PoleShared_ep, PoleSharedT_ep, Post_ep, SheetLinesSignature_dp, SidewalkBack_ep, SidewalkFront_ep, TelePole_ep, TreeLineWoods_ep</i> - Removed Levels: <i>Tables_dp, AdhocPoint_dp, TextPtLabel, TextSurveyLabel</i> <p><u>DRDTRD</u></p> <ul style="list-style-type: none"> - Updated Platform settings - Add Levels: <i>SeasonalHighWater_px</i> - Removed inactivated levels: <i>TurbidityBarrier1, TurbidityBarrier2, TurbidityBarrier1_ep, TurbidityBarrier2_ep</i> - Added new levels: <i>TurbidityBarrierFloating, TurbidityBarrierStaked</i> with new Line Styles: <i>SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2</i> and new levels: <i>TurbidityBarrierFloating_ep, TurbidityBarrierStaked_ep</i> and <i>SeasonalHighWater_px</i> - Removed level: <i>PointLocator_ep, TextElevLabel, TextSurveyLabel, TextPtLabel</i> - Update Level <i>Ditch</i> - Color from 7 to 10 - Update Level <i>EaseTempLine</i> - Description from "Easement Lines Temporary" to "Easement Lines Temporary (Proposed)" - Update Level <i>TextXSElev</i> - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. <p><u>DREXRD</u></p> <ul style="list-style-type: none"> - Updated Platform settings - Added Levels: <i>BaselineCurveData, DrainStruct_er, FFElev_ep, FlowLine_er, PipeCulvert_er, SheetLinesSignature_dp, GenNotesText, GenNotesLeader, NorthArw_dp, Scale_dp, SheetLines_dp, SheetBorder_dp, SedimentBarrier, TextDetails, TextTitle, TextTables, TextShtNo, TextProjLabel, TextMinor, TextMajor, TextLabel, TurbidityBarrierStaked_ep, TurbidityBarrierFloating_ep, Wetland_ep</i> - Removed Levels: <i>BaselineCurveData, DrainStruct_er, FlowLine_er, PipeCulvert_er, ScratchEle2_dp, ScratchEle_dp, SpecialDetails, Viewport, InletProt, SedimentBarrier, Tables_dp, TurbidityBarrier1, TurbidityBarrier2, Xreference01_dp, Xreference02_dp, Xreference03_dp, Xreference04_dp</i>

Chapter / Section	Description
	<p>DRMPRD</p> <ul style="list-style-type: none"> - Updated Platform settings - Add Levels: ClipDrawingBound_dp, SeasonalHighWater_px - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2, TurbidityBarrier1_ep, TurbidityBarrier2_ep - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 and new levels: TurbidityBarrierFloating_ep, TurbidityBarrierStaked_ep - Removed level: PointLocator_ep, TextElevelLabel, TextSurveyLabel, TextPtLabel - Update Level EaseTempLine - Description from "Easement Lines Temporary" to "Easement Lines Temporary (Proposed)" - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2.
	<p>DRPRRD</p> <ul style="list-style-type: none"> - Updated Platform settings - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2, TurbidityBarrier1_ep, TurbidityBarrier2_ep - Added New Levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 and new levels: TurbidityBarrierFloating_ep, TurbidityBarrierStaked_ep, TextAlgnCardinalPnt, TextAlgnCurveData, TextAlgnStation100, TextAlgnStation1000, TextAlgnStation500, TextAlgnStation5000, TextAlgnTangent, TextAlgnTicks100, TextAlgnTicks1000, TextAlgnTicks500, TextAlgnTicks5000, TextProfCardinalPnt, TextProfCurveData, TextProfGrades, TextProfGridMajors, TextProfGridMinor - Removed level: PointLocator_ep, TextElevelLabel, TextSurveyLabel, TextPtLabel - Updated Level ClipBorder_dp Description from "CLIP Border and Civil 3D View Frame" to "CLIP Border" - Update Level EaseTempLine - Description from "Easement Lines Temporary" to "Easement Lines Temporary (Proposed)" - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. - Update Level TextXSElev_ex - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (Existing) (ORD - Annotation Group)"; Color setting from 2 to 4
	<p>DRXSRD</p> <ul style="list-style-type: none"> - Updated Platform settings - Add New Levels: ClipDrawingBound_dp, SeasonalHighWater_px, TextXSDimension, TextXSGridMajors, TextXSGridMinor, TextXSSlope, TextXSStation - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Removed level: PointLocator_ep, TextElevelLabel, TextSurveyLabel, TextPtLabel - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2.
	<p>DSGNLD</p> <ul style="list-style-type: none"> - Updated Platform settings - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Removed level: PointLocator_ep, TextElevelLabel, TextSurveyLabel, TextPtLabel - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2.
	<p>DSGNLT</p> <ul style="list-style-type: none"> - Updated Platform settings - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Removed Levels: PointLocator_ep, SedimentBarrier, TextElevelLabel, TextSurveyLabel, TextPtLabel - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. - Removed Level TextSurveyLabel

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	<p>DSGNRD</p> <ul style="list-style-type: none"> - Updated Platform settings - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2, TurbidityBarrier1_ep, TurbidityBarrier2_ep - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 and new levels: TurbidityBarrierFloating_ep, TurbidityBarrierStaked_ep, ConstLines_pr, CorrAquaplaning_Acceptable Risk_dp, CorrAquaplaning_dp, CorrAquaplaning_FlowLine_dp, CorrAquaplaning_HighRisk_dp, CorrAquaplaning_LowRisk_dp, CorrAquaplaning_Unacceptable Risk_dp, CorrAquaplaningSurface_dp, CorrPond_dp, CorrSuper_dp, CorrSuperLT_dp, CorrSuperRT_dp, CorrTrace_dp, CorrEndConditionException_dp, CorrKeyStation_dp, CorrPointControl_dp, CorrSecondaryAlignment_dp, PondBottom, PondBottom_pm, PondControl, PondControl_pm, PondPeak, PondPeak_pm, PondSlopeBreak, PondSlopeBreak_pm, SeasonalHighWater_px, Sight_Achived, Sight_Not Achieved, Sight_Relaxed, WallRetain_er - Removed level: PointLocator_ep, TextElevelLabel, TextSurveyLabel, TextPtLabel - Updated ClipBorder_dp Description from "CLIP Border and Civil 3D View Frame" to "CLIP Border" - Update Level EaseTempLine - Description from "Easement Lines Temporary" to "Easement Lines Temporary (Proposed)" - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. - Update Level TextXSElev_ex - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (Existing) (ORD - Annotation Group)"; Color setting from 2 to 4
	<p>DSGNSG</p> <ul style="list-style-type: none"> - Updated Platform settings - Add Levels: Generator - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Removed level: PointLocator_ep, TextElevelLabel, TextSurveyLabel, TextPtLabel - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2.
	<p>DSGNSP</p> <ul style="list-style-type: none"> - Updated Platform settings - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Removed Levels: PointLocator_ep, ReferencePt_dp, TextElevelLabel, TextSurveyLabel, TextPtLabel - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2.
	<p>DTMRD</p> <ul style="list-style-type: none"> - Updated Platform settings - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. - Removed Levels: TextElevelLabel, TextSurveyLabel, TextPtLabel
	<p>GDTMRD</p> <ul style="list-style-type: none"> - Updated Platform settings - Removed Levels: InletProt, SedimentBarrier, SpecialDetails, ScratchEle2_dp, ScratchEle_dp - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Add Levels: NorthArw_dp, Scale_dp, SheetLinesSignature_dp, SheetLines_dp, SheetBorder_dp, Xreference04_dp, Xreference03_dp, Xreference02_dp, Xreference01_dp, Viewport, TextTitle, TextTables, TextShtNo, TextProjLabel, TextNotes, TextMisc, TextMinor, TextMajor, TextLabel, TextDetails
	<p>GEOTECH</p> <ul style="list-style-type: none"> - Updated Platform settings - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Created New "gINT" Soil Classification Levels. - Added Levels: Border, Core, Water_px - Update Level Dimension - Description from "Dimension Lines (Structures)" to "Dimension Lines" - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. - Removed Levels: PointLocator_ep, TextSurveyLabel, TextElevelLabel, TextSurveyLabel, TextPtLabel, Water

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	<p>GSKWSP</p> <ul style="list-style-type: none"> - Updated Platform settings - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Removed level: PointLocator_ep, TextElevLabel, TextSurveyLabel, TextPtLabel - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2.
	<p>IRRGLD</p> <ul style="list-style-type: none"> - Updated Platform settings - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Removed level: PointLocator_ep, TextElevLabel, TextSurveyLabel, TextPtLabel - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2.
	<p>ITSSP</p> <ul style="list-style-type: none"> - Updated Platform settings - Add Levels: TextITSLLabel - Removed level: PointLocator_ep, TextElevLabel, TextSurveyLabel, TextPtLabel - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2.
	<p>KEYSHT</p> <ul style="list-style-type: none"> - Updated Platform settings - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Removed level: PointLocator_ep, TextElevLabel, TextSurveyLabel, TextPtLabel - Updated ClipBorder_dp Description from "CLIP Border and Civil 3D View Frame" to "CLIP Border" - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2.
	<p>MSARSP</p> <ul style="list-style-type: none"> - Updated Platform settings - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Removed level: Guywire, PointLocator_ep, TextElevLabel, TextSurveyLabel, TextPtLabel - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2.
	<p>PDXSRD</p> <ul style="list-style-type: none"> - Updated Platform settings - Add New Levels: ClipDrawingBound_dp, SeasonalHighWater_px, TextXSDimension, TextXSGridMajors, TextXSGridMinor, TextXSSlope, TextXSStation - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Removed level: PointLocator_ep, TextElevLabel, TextSurveyLabel, TextPtLabel - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. - Update Level TextXSElev_ex - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (Existing) (ORD - Annotation Group)"; Color setting from 2 to 4 - Updated Levels SanitaryFM_ex and SanitaryFM_px - Descriptions from "Force Main Lines on Cross Sections" to "Sanitary Force Main Lines on Cross Sections"

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	<p>PLANRD</p> <ul style="list-style-type: none"> - Updated Platform settings - Add New Levels: <i>TextAlgnCardinalPnt, TextAlgnCurveData, TextAlgnStation100, TextAlgnStation1000, TextAlgnStation500, TextAlgnStation5000, TextAlgnTangent, TextAlgnTicks100, TextAlgnTicks1000, TextAlgnTicks500, TextAlgnTicks5000, TextITSLLabel, TextProfCardinalPnt, TextProfCurveData, TextProfGrades, TextProfGridMajors, TextProfGridMinor,</i> - Removed inactivated levels: <i>TurbidityBarrier1, TurbidityBarrier2</i> - Added new levels: <i>TurbidityBarrierFloating, TurbidityBarrierStaked</i> with new Line Styles: <i>SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2</i> - Removed level: <i>PointLocator_ep, TextElevelLabel, TextSurveyLabel, TextPtLabel</i> - Updated <i>ClipBorder_dp</i> Description from "CLIP Border and Civil 3D View Frame" to "CLIP Border" - Update Level <i>TextXSElev</i> - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2.
	<p>PLPRRD</p> <ul style="list-style-type: none"> - Updated Platform settings - Add New Levels: <i>TextAlgnCardinalPnt, TextAlgnCurveData, TextAlgnStation100, TextAlgnStation1000, TextAlgnStation500, TextAlgnStation5000, TextAlgnTangent, TextAlgnTicks100, TextAlgnTicks1000, TextAlgnTicks500, TextAlgnTicks5000, TextProfCardinalPnt, TextProfCurveData, TextProfGrades, TextProfGridMajors, TextProfGridMinor, WallRetain_er</i> - Removed inactivated levels: <i>TurbidityBarrier1, TurbidityBarrier2</i> - Added new levels: <i>TurbidityBarrierFloating, TurbidityBarrierStaked</i> with new Line Styles: <i>SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2</i> - Update Level <i>TextXSElev</i> - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. - Updated <i>ClipBorder_dp</i> Description from "CLIP Border and Civil 3D View Frame" to "CLIP Border" - Removed Levels: <i>Conduit, Guywire, Manhole_px, TextElevelLabel, TextSurveyLabel, TextPtLabel</i>
	<p>QTDSRD</p> <ul style="list-style-type: none"> - Updated Platform settings - Removed inactivated levels: <i>TurbidityBarrier1, TurbidityBarrier2, TurbidityBarrier1_ep, TurbidityBarrier2_ep</i> - Added new levels: <i>TurbidityBarrierFloating, TurbidityBarrierStaked</i> with new Line Styles: <i>SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2</i> and new levels: <i>TurbidityBarrierFloating_ep, TurbidityBarrierStaked_ep, SeasonalHighWater_px</i> - Added Levels: <i>SeasonalHighWater_px</i> - Removed Levels: <i>PointLocator_ep, PedSpecDetour, TextElevelLabel, TextSurveyLabel, TextPtLabel</i> - Updated <i>ClipBorder_dp</i> Description from "CLIP Border and Civil 3D View Frame" to "CLIP Border" - Update Level <i>TextXSElev</i> - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. - Update Level <i>TextXSElev_ex</i> - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (Existing) (ORD - Annotation Group)"; Color setting from 2 to 4 - Updated Levels <i>SanitaryFM_ex</i> and <i>SanitaryFM_px</i> - Descriptions from "Force Main Lines on Cross Sections" to "Sanitary Force Main Lines on Cross Sections" - Update Level <i>XSExtendGrdLine_ex</i> - Color setting from 24 to 29
	<p>RDXSRD</p> <ul style="list-style-type: none"> - Updated Platform settings - Add New Levels: <i>ClipDrawingBound_dp, SeasonalHighWater_px, TextXSDimension, TextXSGridMajors, TextXSGridMinor, TextXSSTation, TextXSlope, TextXSStation</i> - Removed inactivated levels: <i>TurbidityBarrier1, TurbidityBarrier2</i> - Added new levels: <i>TurbidityBarrierFloating, TurbidityBarrierStaked</i> with new Line Styles: <i>SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2</i> - Removed level: <i>PointLocator_ep, TextElevelLabel, TextSurveyLabel, TextPtLabel</i> - Update Level <i>TextXSElev</i> - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. - Update Level <i>TextXSElev_ex</i> - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (Existing) (ORD - Annotation Group)"; Color setting from 2 to 4 - Updated Levels <i>SanitaryFM_ex</i> and <i>SanitaryFM_px</i> - Descriptions from "Force Main Lines on Cross Sections" to "Sanitary Force Main Lines on Cross Sections"

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	<p><u>RDXSSP</u></p> <ul style="list-style-type: none"> - Updated Platform settings - Add New Levels: ClipDrawingBound_dp, SeasonalHighWater_px, TextXSDimension, TextXSGridMajors, TextXSGridMinor, TextXSSTation - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Removed level: PointLocator_ep, TextElevLabel, TextSurveyLabel, TextPtLabel - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. - Update Level TextXSElev_ex - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (Existing) (ORD - Annotation Group)"; Color setting from 2 to 4
	<p><u>RIGHTOFWAY</u></p> <ul style="list-style-type: none"> - Updated Platform settings - Add New Level: CalcPt, TextCalcPt - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2, MonumentCSAT_ep - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Updated ClipBorder_dp Description from "CLIP Border and Civil 3D View Frame" to "CLIP Border" - Removed Levels: PointLocator_ep, TextSurveyLabel - Updated Level BuildingOH_ep - Description from "Building Roof Overhang (Encroachments) (Existing)" to "Building Overhangs (Encroachments) (Existing)"
	<p><u>RWDTRD</u></p> <ul style="list-style-type: none"> - Restructured Rule to current workflow use - Updated Platform settings - Add Levels: ConstLimits, ConstLimitsText, GovGrantLine_ep, GovLotLine_ep, GovMeanderLine_ep, GovParkLine_ep, GovQtrQtrLine_ep, GovRedTextWt0_ep, MaintLine, MaintText, MHWL_TIITF_Line, MHWL_TIITF_Text, MHWL_TIITF_WidthArrow, Murphy_TIITF_Line, Murphy_TIITF_Text, PropertyLabelText_ep, RWandLA_Text, RWandLA_Text_ep, SubDivLineText, SubVacOrigLotLine, SUEL_TIITF_Line, SUEL_TIITF_Text - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Removed Levels: ActivePointCell_dp, AdhocPoint_dp, BaselineSideStreet, BaselineSurvey, CLConst_dp, COGO_dp, CurveData_dp, CurveDataLabel_dp, DimLines_dp, EaseLicLine, ImageAttachment_dp, InletProt, LeaderLine_dp, Logo_dp, NonPlottingEle_dp, NorthArw_dp, PayItem_dp, PointLocator_ep, ReferencePt_dp, RefPtAngleTie, RefPtLeader, RefPtLine, RefPtStaTie, RefPtText, RRBaseline, Scratch1_dp, Scratch2_dp, ScratchEle_dp, ScratchEle2_dp, SedimentBarrier, SpecialDetails, StationTicL_dp, StationTicS_dp, SubDivLine, Tables_dp, TextBLStation, TextConstEle, TextCurveData, TextDetails, TextDrainInvElev_ep, TextDrainLabel_ep, TextLabel, TextElevLabel, TextSurveyLabel, TextPtLabel, TextLandscape, TextMajor, TextMinor, TextMisc, TextNotes, TextProfLabel, TextProjLabel, TextShtNo, TextSubUtilLabel_ep, TextTables, TextTitle, TextTopoLabel_ep, TextUtilLabel_ep, TextXSElev, TurbidityBarrier1, TurbidityBarrier2, Viewport, Xreference01_dp, Xreference02_dp
	<p><u>STRUCTURES</u></p> <ul style="list-style-type: none"> - Updated Platform settings - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Updated Level Guardrail - Description from "Guardrail and Post, Thrie and W Beam" to "Guardrail" - Added Levels: Core, Soilboxes_dp, TextGeotech

Chapter / Section	Description
	<p>TCDSRD</p> <ul style="list-style-type: none"> - Updated Platform settings - Add Levels: SeasonalHighWater_px, BaselineCurveData - Removed Levels: XSBaseTop_px, XSExtendGrdLine_ex, XSGrdLine_ex, XSGrdLine_px, XSMisc_ex, XSMisc_px - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2, TurbidityBarrier1_ep, TurbidityBarrier2_ep - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 and new levels: TurbidityBarrierFloating_ep, TurbidityBarrierStaked_ep - Removed level: PointLocator_ep - Updated ClipBorder_dp Description from "CLIP Border and Civil 3D View Frame" to "CLIP Border" - Update Level EaseTempLine - Description from "Easement Lines Temporary" to "Easement Lines Temporary (Proposed)" - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. - Update Level TextXSElev_ex - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (Existing) (ORD - Annotation Group)"; Color setting from 2 to 4 - Removed Level TextSurveyLabel - Updated Levels SanitaryFM_ex and SanitaryFM_px - Descriptions from "Force Main Lines on Cross Sections" to "Sanitary Force Main Lines on Cross Sections" - Update Level XSExtendGrdLine_ex - Color setting from 24 to 29
	<p>TOPORD</p> <ul style="list-style-type: none"> - Updated Platform settings - Add Levels: BaselineCurveData, FFElev_ep, MonConcOpen, MonConcSolid, MonConRW, MonPermRW, MonRodOpen, SheetLinesSignature_dp, MonRodSolid, MonText, TextFeatureLabel, TextITSLLabel, TextITSLLabel_ep, TextMonLabel, TextSubITSLLabel_ep - Remove Levels: InletProt, NonPlottingEle_dp, SedimentBarrier, Tables_dp - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Updated Survey Point Levels - LineStyle/Linetype settings to "0/Continuous"
	<p>TYPDRD</p> <ul style="list-style-type: none"> - Updated Platform settings - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Add Levels: SeasonalHighWater_px, WallRetain_er - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Removed level: PointLocator_ep - Update Level EaseTempLine - Description from "Easement Lines Temporary" to "Easement Lines Temporary (Proposed)" - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. - Update Level TextXSElev_ex - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (Existing) (ORD - Annotation Group)"; Color setting from 2 to 4 - Removed Level TextSurveyLabel - Updated Levels SanitaryFM_ex and SanitaryFM_px - Descriptions from "Force Main Lines on Cross Sections" to "Sanitary Force Main Lines on Cross Sections"
	<p>UTADRD</p> <ul style="list-style-type: none"> - Updated Platform settings - Add Level: SignSupport_ep - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Removed level: PointLocator_ep - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. - Removed Level TextSurveyLabel
	<p>UTEXRD</p> <ul style="list-style-type: none"> - Updated Platform settings - Add Levels: BaselineCurveData, SheetLinesSignature_dp, TextPtLabel, TextSurveyLabel - Remove Levels: InletProt - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Updated Survey Point Levels - LineStyle/Linetype settings to "0/Continuous" - Updated Level LiteCond_ep - Description from "Street Lighting Conductors (Existing)" to "Street Lighting Conduit (Existing)"

Chapter / Section	Description
	UTPRRD - Updated Platform settings - Removed inactivated levels: TurbidityBarrier1, TurbidityBarrier2 - Added new levels: TurbidityBarrierFloating, TurbidityBarrierStaked with new Line Styles: SWP-TurbidityBarrier-Floating-Type1, SWP-TurbidityBarrier-Staked-Type2 - Removed Levels: PointLocator_ep, SedimentBarrier, Tables_dp, - Update Level TextXSElev - Description from "Text - Cross Section Elevations" to "Text - Cross Section Elevations Labels (ORD - Annotation Group)"; Color setting from 2 to 4 and Weight setting from 1 to 2. - Removed Level TextSurveyLabel - Updated Level LiteCond_ep - Description from "Street Lighting Conductors (Existing)" to "Street Lighting Conduit (Existing)"
5.8.1	Exceptions to the CADD Rules - Updated verbiage for clarification
5.9	LEVELS / LAYERS AND SYMBOLOGY - Updated FDOT CADD Rule File Tables link
5.9.1	Added new section: "5.9.1 Level / Layer Compliance Classification" - Moved verbiage regarding clarification of Level/Layer Critical vs Non-Critical settings from renumbered section 5.9.2 Levels / Layers Naming Convention.
5.9-15.9.2	Levels / Layers Naming Convention - Renumbered section from 5.9.1 to 5.9.2 - Moved verbiage regarding clarification of Level/Layer Critical vs Non-Critical settings to new section 5.9.1 Levels / Layers Compliance Classification.
5.9-1.1	Architectural Levels / Layers and Symbology - Changed numbered section to bullet section included in renumbered section 5.9.2 Levels / Layers Naming Convention
5.9-1.2	Structures Levels / Layers and Symbology - Changed numbered section to bullet section included in renumbered section 5.9.2 Levels / Layers Naming Convention
5.9-1.3	Survey Levels / Layers and Symbology - Changed numbered section to bullet section included in renumbered section 5.9.2 Levels / Layers Naming Convention
5.9-25.9.3	Color Symbology - Renumbered section from 5.9.2 to 5.9.3
5.9-35.9.4	Line Style / Linetype Symbology (Standard Symbols) Renamed: "5.9.3 5.9.4 Line Style/Linetype Symbology" - Renumbered section from 5.9.2 to 5.9.3 - Updated Note for clarification
5.9-3-15.9.4.1	Custom Line Styles/Linetypes - Renumbered section from 5.9.3.1 to 5.9.4.1 - Updated Table to identify MicroStation V8i, MicroStation Connect Edition and AutoCAD Custom Line Styles / Linetypes.
5.9-3-25.9.4.2	Non-standard Custom Line Styles / Linetypes - Renumbered section from 5.9.3.2 to 5.9.4.2
5.9-45.9.5	Line Weight Symbology - Renumbered section from 5.9.4 to 5.9.5
5.10	TEXT
5.10.1	Added new section title: "MicroStation V8i Fonts (FDOTSS4, FDOTSS10)" to clarify platform information.
5.10-1.1	Added new section title: "MicroStation V8i Text Styles (FDOTSS4, FDOTSS10)" to clarify platform information.
5.10-2	Text Size and Spacing - Changed numbered section to bullet section under section 5.10.1.1
5.10-2-1	Architectural Text Sizes and Weights - Changed numbered section to bullet section under section 5.10.1.1
5.10-2-2	Structures Text Sizes and Weights - Changed numbered section to bullet section under section 5.10.1.1
5.10.2	Added new section: "MicroStation Connect Edition (FDOTConnect)" - To clarify platform information.
5.10-2.1	Added new section: "MicroStation Connect Edition Text Styles (FDOTConnect)" - To clarify platform information.
5.10-15.10.3	Special Symbols - Renumbered section from 5.10.1 to 5.10.3
5.10-35.10.4	FDOT Standard Abbreviations - Renumbered section from 5.10.3 to 5.10.4 - Updated link
5.11	CELL LIBRARIES / BLOCK DRAWINGS - Created two master Cell Libraries / Block Drawing PDF files to access Cells by (FDOTSS4, FDOTSS10) or (FDOTConnect, FDOTC3D) platforms. - Updated table to reflect platform information - Removed individual Cell Library links.
5.12	PROFESSIONAL OF RECORD NOTE
5.12.1	Professional of Record Seals Cell Library

Chapter / Section	Description
5.13	Added new section: "STANDARD PLANS INDEX MODIFICATIONS" - To clarify modifications to Standard Plans.
Chapter 6	CADD PRODUCTION PREREQUISITES
6.1	PURPOSE
6.2	SCOPE
6.3	PROJECT DEVELOPMENT & ENVIRONMENT
6.3.1	PD&E CADD Deliverables
6.4	RIGHT OF WAY MAPPING
6.4.1	Right of Way CADD Deliverables
6.5	SURVEY
6.5.1	Survey CADD Deliverables
6.5.2	Survey Data File
6.5.3	County Mapping
6.5.4	Utility Quality Levels
6.6	GEOTECHNICAL - Moved bullet section: "Geotechnical Data that may be delivered for Design includes:" to new section: "6.6.3 AutoCAD Civil 3D (FDOT2019, FDOT2020)" - Moved paragraph and bullets: "Geotechnical information shall be delivered..." to new section: "6.6.1 MicroStation V8i (FDOTSS4, FDOTSS10)"
6.6.1	Added new section: "MicroStation V8i (FDOTSS4, FDOTSS10)" - To address FDOTSS4 and FDOTSS10 platform information. - Moved paragraph and bullets: "Geotechnical information shall be delivered..." from section 6.6 GEOTECHNICAL. - Updated verbiage to clarify
6.6.2	Added new section: "MicroStation Connect Edition (gINT Civil Tools) (FDOTConnect)" - To address FDOTConnect platform information.
6.6.3	Added new section: "AutoCAD Civil 3D (FDOT2019, FDOT2020)" - To address AutoCADD platform information.
6.7	TRAFFIC DATA
6.8	TYPICAL SECTIONS PACKAGE
6.9	DRAINAGE
6.10	PAVEMENT
6.11	UTILITIES
6.12	STRUCTURES
6.12.1	Existing Bridge Plans - Updated Link
Chapter 7	CADD PRODUCTION SUPPORT
7.1	PURPOSE
7.2	SCOPE
7.3	PROFESSIONAL ACCOUNTABILITY
7.4	PROJECT SETUP - Updated verbiage to address the Project Properties process changes.
7.4.1	Project Folder Structure - Updated verbiage and table to reflect workflow changes regarding Project Validation Report, Project QC Report, Master Journal file, Discipline Journal files, and Google Earth and ESRI GIS files.
7.5	PRODUCTION WORKFLOW
7.6	SUPPORTED CADD SOFTWARE BY COMPONENT / DISCIPLINE
7.6.1	Roadway
7.6.1.1	GEOPAK, OPENROADS, CIVIL3D
7.6.2	Signing and Pavement Marking
7.6.2.1	Added new section: "Pavement Marking Design" - To address Pavement Marking tools for all platforms. Sign Design
7.6.2.1-7.6.2.2	- Renumbered section from 7.6.2.1 to 7.6.2.2 - Added bullet sections to identify platform information.
7.6.2.2-7.6.2.3	Turn Radius Design - Renumbered section from 7.6.2.2 to 7.6.2.3
7.6.3	Signalization
7.6.4	Intelligent Transportation Systems
7.6.5	Lighting
7.6.5.1	Lighting Design Software

Chapter / Section	Description
7.6.6	Landscape
7.6.7	Architectural
7.6.8	Structures
7.6.8.1	Structures Borders and Scales
7.6.8.2	Structures Dimension Settings
7.6.9	Toll Facilities
7.7	PROJECT JOURNAL - Update verbiage to clarify the Project Journal and Discipline Specific Journal files.
7.8	EXISTING AS BUILT PLAN SHEETS
7.9	SHEET NUMBERS - Updated Prefix Table: CTL - removed "Early Works"; TD - corrected "Disposal" to "Disposition" - Example Sheet Numbers: - removed "PNC-01" and added "CTL-01".
7.9.1	Structural Sheet Numbers
7.10	PRINTS
7.10.1	Added new section: "MicroStation Connect Edition (FDOTConnect)" - To address platform information.
7.10.17.10.2	Print Drivers - Renumbered section from 7.10.1 to 7.10.2
7.10.1.1 7.10.2.1	MicroStation Half-Toning - Renumbered section from 7.10.1.1 to 7.10.2.1
7.10.1.2 7.10.2.2	Quality and Reproduction - Renumbered section from 7.10.1.2 to 7.10.2.2
7.10.27.10.3	Print Resource Files - Renumbered section from 7.10.2 to 7.10.3
7.10.2.1 7.10.3.1	MicroStation - Renumbered section from 7.10.2.1 to 7.10.3.1
7.10.2.2 7.10.3.2	AutoCAD Civil 3D - Renumbered section from 7.10.2.2 to 7.10.3.2
7.10.37.10.4	Print Borders - Renumbered section from 7.10.3 to 7.10.4
7.10.47.10.5	Print Image Files - Renumbered section from 7.10.4 to 7.10.5
7.10.4.1 7.10.5.1	Print Image File Naming Convention - Renumbered section from 7.10.4.1 to 7.10.5.1
7.10.4.2 7.10.5.2	Print Image File Naming Format - Renumbered section from 7.10.4.2 to 7.10.5.2
Chapter 8	CADD DELIVERY
8.1	PURPOSE
8.2	SCOPE
8.3	RECEIPT AND ACCEPTANCE OF ELECTRONIC DATA
8.4	PRODUCTION DELIVERABLE FILES - Updated Link - Added Note regarding NoteUtility Work by Highway Contractor Agreement Plans.
8.4.1	Plans Component PDF Files
8.4.1.1	Early Work Sheets of Plan Sets - Removed "Project Contol - PC.PDF" from Early Work Sheets.
8.4.1.2	Plans Component PDF Deviation
8.4.2	3D Model PDF Files
8.4.3	Specifications PDF Files - Updated Note reference.
8.4.4	CADD ZIP Files
8.4.4.1	Engineering Data - Moved 1st paragraph to new section: "8.4.5 Project Documentation"
8.4.58.4.4.2	Calculations Folder - Plan Summary Boxes and Quantity Files - Renumbers section from 8.4.5 to 8.4.4.2 to be included under CADD ZIP Files
8.4.68.4.4.3	3D Deliverables Folder - Automated Machine Guidance in Construction - Renumbers section from 8.4.6 to 8.4.4.3 to be included under CADD ZIP Files
8.4.4.4	Added new section: "GIS Folder"
8.4.78.4.4.5	Merging External Project Files - Renumbers section from 8.4.7 to 8.4.4.5 to be included under CADD ZIP Files
8.4.5	Added new section: "Project Documentation" - Moved 1st paragraph from section: "8.4.4.1 Engineering Data"
8.4.88.4.6	Reviewing the Project Renamed: "Project QC Files" - To clarify content - Updated Quality Control tools

Chapter / Section	Description
8.4.98.5	Sign and Seal Project Files - Renumbered section from 8.4.9 to 8.5
8.4.108.5.1	Legacy Electronic Signature Projects - Renumbered section from 8.4.10 to 8.5.1 under Sign and Seal Project Files
8.4.148.5.2	Media Requirements for Delivery - Renumbered section from 8.4.11 to 8.5.2 under Sign and Seal Project Files
8.4.12	Compliance Certification Checklist
8.58.6	SPECIFICATIONS
8.68.7	FINAL PLANS OFFICE
8.78.8	REVISIONS - Corrected example "Project Control" to " Core Borings"
8.88.9	RE-LET PROJECTS AND ROLL BACK REVISIONS
8.98.10	STRUNG PROJECTS
8.108.11	AS-BUILT PROJECTS
8.148.12	DESIGN BUILD PROJECTS
8.128.13	PROJECT STORAGE AND ARCHIVAL
Chapter 9	CADD QUALITY ASSURANCE AND QUALITY CONTROL
9.1	PURPOSE
9.2	AUTHORITY
9.3	PRODUCTION ACCOUNTABILITY Renamed: "QUALITY CONTROL PLAN" - Added FDM reference to Section 124 QA/QC Management Plan
9.3.1	Quality Control - Removed section title to include verbiage in section 9.3 QUALITY CONTROL PLAN - Added listing of FDOT QC Tools.
9.3.1.1	<i>Quality Control of Corridor Models and Extracted Surface Renamed: "Quality Control of Corridor 3D Models and Extracted Surface"</i> - Added FDM reference to section 124 FDM Section 124 QA/QC Management Plan.
9.4	QUALITY ASSURANCE PLAN - Added FDM reference to section 125 Quality Assurance
9.5	QUALITY ASSURANCE REVIEWS (QARs) - Added FDM reference to section 124 FDM Section 124 QA/QC Management Plan. - Updated verbiage to clarify current process.