

**Florida Department of Transportation
CADD Manual
Record of Changes as of November 1, 2016**

*NOTE: All headings changed to include update date. All links updated with new FDOT locations.
All "Engineering / CADD Systems Office (ECSO)" verbiage changed to reflect move to
"Production Support Office | CADD (CADD)".*

Chapter 1	Introduction
	None
Chapter 2	Computer Systems
	None
Chapter 3	CADD Production Standards
3.8	Added Drain_Nodes3D.cel library for 3 dimensional use for SUDA.
Chapter 4	CADD Production Procedures
4.8.2.1	- Removed from second bullet the verbiage "Prior to the first revision, designers should renumber sheets avoiding use of suffixes." - Prefix Component table: renamed CTL: from "Survey Control Sheets" to "Project Control Sheets"; added PC - Roadway Plans - Project Control; added BQ - Structures Summary of Structures. - Removed from last paragraph verbiage ", although this practice is strongly discouraged."
4.13.1.1	- Removed obsolete filenames: AMGMRD, CORRRD, RDTMRD - Added new filename: MODLRD - Proposed Design Model - Updated "Signature Sheet" filename descriptions to read "Digital Signatures..." - Update filename LDXSRD & RWDTRD templates to fdotmaster.dwt
4.13.2.1	- Expanded filename SNGEO description to read "Signs Standard Penetration Test (SPT) Borings" - Updated "Signature Sheet" filename descriptions to read "Digital Signatures..."
4.13.3.1	- Expanded filename SGGEO description to read "Signs Standard Penetration Test (SPT) Borings" - Updated "Signature Sheet" filename descriptions to read "Digital Signatures..." - Update filename MSSGSG templates to planrd.dwt
4.13.4.1	- Updated "Signature Sheet" filename descriptions to read "Digital Signatures..."
4.13.5.1	- Updated "Signature Sheet" filename descriptions to read "Digital Signatures..."
4.13.8.1	- Removed the verbiage "Existing Bridge plan sheets must be submitted in PDF format, not DGN, and manually inserted into the plans using sheet numbers as provided in the following table." - Structures Filename Table: Total reconstruction of the Structures filenames and sheet ordering. Created a separate Non-Bridge Related Filenames bullet with table.
4.13.8.11	- Update information to be in sync with the 2017 Structures Detailing Manual.
4.13.10.4	- Updated "Signature Sheet" filename descriptions to read "Digital Signatures..."
4.13.11.1	- Update filename LDXSRD template to fdotmaster.dwt
4.13.12.1	- Updated CTLSRD description from "Survey Project Network Control Sheets" to "Project Control Sheets"
4.13.13	- Corrected filename PGGEO to PDGEO - Expanded all descriptions: "CPT" to "Cone Penetration Test (CPT)"; "SPT" to "Standard Penetration Test (SPT)"; "MSE" to "Mechanically Stabilized Earth (MSE)" - Renamed filenames: "B#CPTGEO" to "B#ConePTGEO"; "B#MSEWGeo" to "B#MSEWallGeo"; "B#NWWGeo" to "NoneB#NoiseWallGeo"; "B#RTWGeo" to "B#RetainingWallGeo" - Added new filenames: ConePTGeo; MSEWallGeo; NoiseWallGeo; RetainingWallGeo; SheetPileWallGeo
4.13.14.1	- Renamed CTLSRD: from "Survey Project Network Control Sheets" to "Project Control Sheets" - Updated "Signature Sheet" filename descriptions to read "Digital Signatures..."
4.13.15.1	- Updated "Signature Sheet" filename descriptions to read "Digital Signatures..."
4.13.16.1	- Renamed CTLSEM: from "Survey Project Network Control Sheets" to "Project Control Sheets" - Updated "Signature Sheet" filename descriptions to read "Digital Signatures..."
4.13.17	- Rewrote to reflect Specifications move to under Program Management Office.
Chapter 5	Delivery Procedure
5.8.1	- Added the component listing: 10 – Utility Work by Highway Contractor Agreement Plans
5.10.1	- Added the Plans Component PDF listing: fpid-PLANS-10-UTILITYWORK.PDF
5.10.1.1	- Renamed "Project Network Control Survey" to "Project Control". - Renamed the PDF filename "<fpid>-PLANS-<component code>-<component>-PNC.PDF" to "<fpid>-PLANS-<component code>-<component>-PC.PDF" - Example table: Renamed the PDF filename "<fpid>-PLANS-01-ROADWAY-PNC.PDF" to "<fpid>-PLANS-01-ROADWAY-PC.PDF" - Example table: Renamed the PDF filename "<fpid>-PLANS-08-STRUCTURES-PNC.PDF" to "<fpid>-PLANS-08-STRUCTURES-PC.PDF"
5.12	- Renamed "Project Network Control" to "Project Control"
Chapter 6	Support
	None
Chapter 7	Software Development and Distribution
	None

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Chapter 8	Quality Assurance
	None
Appendix A	CADD Standard Rule Tables
	NOTE: Added Platform column to each table (A=Autodesk, B=Bentley, Blank=Both) . All standard rule symbology and descriptions corrected to be in sync with MasterStandards.xlsx.
ALGNRD	None
AUTOSP	None
CLIPRD	None
DRDTRD	None
DREXRD	- Added existing levels: Logo_dp, Miscellaneous0 - Miscellaneous9, NonPlottingEle_dp, Scratch1_dp, Scratch2_dp, ScratchEle_dp, ScratchEle2_dp, SpecialDetails, TextConstEle
DRMPRD	None
DRPRRD	- Added existing levels: Logo_dp, SpecialDetails
DRXSRD	- Created new levels: BLSurvey, CLConst_px - Added existing level: SpecialDetails
DSGNLD	- Added existing levels: Logo_dp, SpecialDetails
DSGNLT	- Added existing level: SpecialDetails
DSGNRD	- Created new levels: BLSurvey, CLConst_px
DSGNSG	- Created new Autodesk layers: PMSkip(10-10-20), PMSkip(2-2-2), PMSkip12W(2-4), PMSkip12W(3-9), PMSkip6B(10-30), PMSkip6W(10-30), PMSkip6W(2-4), PMSkip6W(3-9), PMSkip6W(6-10), PMSkip6Y(10-30), PMSkip6Y(2-4), PMSkip6Y(6-10), PMSkip8W(3-9), PMSkip9C(10-30)
DSGNSP	- Created new Autodesk layers: PMSkip(10-10-20), PMSkip(2-2-2), PMSkip12W(2-4), PMSkip12W(3-9), PMSkip6B(10-30), PMSkip6W(10-30), PMSkip6W(2-4), PMSkip6W(3-9), PMSkip6W(6-10), PMSkip6Y(10-30), PMSkip6Y(2-4), PMSkip6Y(6-10), PMSkip8W(3-9), PMSkip9C(10-30)
DTMRD	- Added existing levels: Logo_dp, SpecialDetails
GDTMRD	- Added existing levels: ConstLines, ConstLines_pm, ImageAttachment_dp, Logo_dp, Miscellaneous0, Miscellaneous1, Miscellaneous2, Miscellaneous3, Miscellaneous4, Miscellaneous5, Miscellaneous6, Miscellaneous7, Miscellaneous8, Miscellaneous9, NonPlottingEle_dp, Scratch1_dp, Scratch2_dp, ScratchEle_dp, ScratchEle2_dp, SpecialDetails, TextConstEle
GEOTECH	- Added existing level: SpecialDetails
GSWKSP	- Added existing level: SpecialDetails
IRRGDL	- Added existing levels: Logo_dp, SpecialDetails
ITSSP	- Created new Autodesk layers: PMSkip(10-10-20), PMSkip(2-2-2), PMSkip12W(2-4), PMSkip12W(3-9), PMSkip6B(10-30), PMSkip6W(10-30), PMSkip6W(2-4), PMSkip6W(3-9), PMSkip6W(6-10), PMSkip6Y(10-30), PMSkip6Y(2-4), PMSkip6Y(6-10), PMSkip8W(3-9), PMSkip9C(10-30)
KEYSHT	- Added existing levels: SpecialDetails
MSARSP	- Added existing level: Logo_dp
OPEN	None
PDXSRD	- Created new levels: BLSurvey, CLConst_px - Added existing level: SpecialDetails
PLANRD	- Added existing level: SpecialDetails
PLPRRD	- Added existing level: SpecialDetails
QTDSRD	- Created new levels: BLSurvey, CLConst_px, ConcreteRemoval - Added existing levels: Logo_dp, SpecialDetails - Created new Autodesk layers: PMSkip(10-10-20), PMSkip(2-2-2), PMSkip12W(2-4), PMSkip12W(3-9), PMSkip6B(10-30), PMSkip6W(10-30), PMSkip6W(2-4), PMSkip6W(3-9), PMSkip6W(6-10), PMSkip6Y(10-30), PMSkip6Y(2-4), PMSkip6Y(6-10), PMSkip8W(3-9), PMSkip9C(10-30)
RDXSRD	- Created new levels: BLSurvey, CLConst_px - Added existing level: SpecialDetails
RDXSSP	- Created new levels: BLSurvey, CLConst_px - Created new Autodesk layers: PMSkip(10-10-20), PMSkip(2-2-2), PMSkip12W(2-4), PMSkip12W(3-9), PMSkip6B(10-30), PMSkip6W(10-30), PMSkip6W(2-4), PMSkip6W(3-9), PMSkip6W(6-10), PMSkip6Y(10-30), PMSkip6Y(2-4), PMSkip6Y(6-10), PMSkip8W(3-9), PMSkip9C(10-30) - Added existing level: SpecialDetails
RWDTRD	- Added existing level: Logo_dp
RWENG10	None
SPST10	None
SURVRD	None

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TCDSRD	<ul style="list-style-type: none"> - Created new levels: <i>BLSurvey, CLConst_px</i> - Created new Autodesk layers: <i>PMSkip(10-10-20), PMSkip(2-2-2), PMSkip12W(2-4), PMSkip12W(3-9), PMSkip6B(10-30), PMSkip6W(10-30), PMSkip6W(2-4), PMSkip6W(3-9), PMSkip6W(6-10), PMSkip6Y(10-30), PMSkip6Y(2-4), PMSkip6Y(6-10), PMSkip8W(3-9), PMSkip9C(10-30)</i>
TOPORD	<ul style="list-style-type: none"> - Added existing levels: <i>Logo_dp, Miscellaneous0, Miscellaneous1, Miscellaneous2, Miscellaneous3, Miscellaneous4, Miscellaneous5, Miscellaneous6, Miscellaneous7, Miscellaneous8, Miscellaneous9, NonPlottingEle_dp, ScratchEle_dp, ScratchEle2_dp, SpecialDetails, TextConstEle</i>
TYPDRD	<ul style="list-style-type: none"> - Created new levels: <i>BLSurvey, CLConst_px</i> - Created new Autodesk layers: <i>PMSkip(10-10-20), PMSkip(2-2-2), PMSkip12W(2-4), PMSkip12W(3-9), PMSkip6B(10-30), PMSkip6W(10-30), PMSkip6W(2-4), PMSkip6W(3-9), PMSkip6W(6-10), PMSkip6Y(10-30), PMSkip6Y(2-4), PMSkip6Y(6-10), PMSkip8W(3-9), PMSkip9C(10-30)</i> - Added existing level: <i>SpecialDetails</i>
UTADRD	<ul style="list-style-type: none"> - Created new levels: <i>BLSurvey, CLConst_px</i> - Added existing level: <i>SpecialDetails</i>
UTEXRD	<ul style="list-style-type: none"> - Added existing levels: <i>Logo_dp, Miscellaneous0, Miscellaneous1, Miscellaneous2, Miscellaneous3, Miscellaneous4, Miscellaneous5, Miscellaneous6, Miscellaneous7, Miscellaneous8, Miscellaneous9, NonPlottingEle_dp, Scratch1_dp, Scratch2_dp, ScratchEle_dp, ScratchEle2_dp, SpecialDetails, TextConstEle</i>
UTPRRD	<ul style="list-style-type: none"> - Created new levels: <i>BLSurvey, CLConst_px</i> - Added existing levels: <i>Logo_dp, SpecialDetails</i>