



FDOT 2016 Civil 3D Maintenance Release 1 (MR1)

FDOTC3D2016 MR1 contains updates necessitated by changes to Design Standards, Plans Preparation Manual (PPM), and the Basis of Estimates (BOE) as well as bug fixes to address reported issues.

- Update Office branding from Engineering CADD Systems Office (ECSO) to Production Support Office | CADD.
- Changed all ECSO web links references from www.dot.state.fl.us/ecso to new www.FDOT.gov/CADD web links
- Update Templates to latest FDOT Standards.
- New Version of FDOT Sign Assembly Tool for 2016.
 - o Ability to add Right and Left side labels
 - o Change alignment association
 - o Update to user interface layout
 - o Gives warning when user tries to erase labels
 - o .XML file improvements for better layer control.
- Revisions per FDOT Design Bulletin.
 - o Keysheet and Keysheet block revision
 - o Added Sheet Pile Tables
 - o Added Single Slope Railing blocks
- FDOT Multi-Line tool.
 - o Added new Multi Line Pattern folder and Multiline patterns
 - o Grid view columns remain expanded when editing
 - o Add Pattern Name to the Dialog
 - o Sort Layers
 - o Add Offset to "Entity Used for Placement" option.
 - o Order the pattern by offset as it is being added.
 - o Add pay item description to grid view for sub-line.
 - o Erase Existing Element Toggle option.
 - o Added Station Range Control ability.
 - o Default subline name should be layer name "If not named".
 - o Allow user to add inches.
- Place Block Group
 - o Corrected issue with Back buffer being ignored.
 - o Fixed issue with alignment. It was being overwritten when the block group was drawn.
 - o Default to Group when form loads.
 - o Added New Pavement Marking formula for Skip Striping

<ul style="list-style-type: none"> • Updates to the Dynamic Block library. <ul style="list-style-type: none"> o Added Dynamic block Curb and Gutter. o Added Dynamic block Mast Arms. o Added Sidewalk Parameter and additional Constraints.
<ul style="list-style-type: none"> • Added the new following FDOT Icon's. <ul style="list-style-type: none"> o LandXML Grouper o LandXML Converter o LandXML Visualizer o FDOTXML Signing o GoToMeeting o Create Project o Sheet Set Organizer o File Checker
<ul style="list-style-type: none"> • New FDOT Variable Slope Daylight Subassembly <ul style="list-style-type: none"> o This subassembly creates a variable slope daylight subassembly. o Added corresponding help documentation.
<ul style="list-style-type: none"> • New FDOT Traffic Railing - Single Slope Bridge <ul style="list-style-type: none"> o This subassembly inserts a Single-Slope Traffic Railing o Added corresponding help documentation.
<ul style="list-style-type: none"> • New FDOT Traffic Railing - Single Slope Median Bridges <ul style="list-style-type: none"> o This subassembly inserts half of a Single-Slope Median Traffic Railing o Added corresponding help documentation.
<ul style="list-style-type: none"> • Added new line types to FDOT.line file. <ul style="list-style-type: none"> o Added PM-Skip-Stripe 2-2-2, PM-Skip-Stripe 10-10-20, PM-Skip-Stripe 2-4, PM-Skip-Stripe 3-9, PM-Skip-Stripe 6-10, PM-Skip-Stripe 10-30 and Clearing and Grubbing.
<ul style="list-style-type: none"> • New version of Transport Sheets.
<ul style="list-style-type: none"> • Added Constraints and a Corridor Modeling Visibility state to Driveway block file for corridor design.
<ul style="list-style-type: none"> • Added FDOT-Color.stb file for color only plotting/printing to assist AMG operators.
<ul style="list-style-type: none"> • Created new Survey Layers and Feature Codes in TOPORD and SURVRD templates.
<ul style="list-style-type: none"> • Added STAL,STAR,TAL,TAR (straight and straight + turn arrows) to rweng.dwg and syeng.dwg files.
<ul style="list-style-type: none"> • Updated and spruced up miscellaneous items related to help documentation format, Tool Tips and FDOT Subassembly naming conventions.
<ul style="list-style-type: none"> • Format FDOT Catchment Area label style to include Name of the associated Catchments.
<ul style="list-style-type: none"> • Create Analysis-Watersheds with Arrows style
<ul style="list-style-type: none"> • Shifted Title Block borders .005" to the right to prevent cut off when plotting.
<ul style="list-style-type: none"> • Added common FDOT Scales to list in all Templates.
<ul style="list-style-type: none"> • Removed filenames (AMGMRD, CORRRD, & RDTMRD) and create a new filename MODLRD for Proposed Corridor Design Model.
<ul style="list-style-type: none"> • Added Project Control sheet Tab (CTLPRJ) to CTLSRD01 Template.
<ul style="list-style-type: none"> • Added eTransmit profile (Autodesk360) for exporting/uploading xref drawings to Autodesk360 online viewer.

