



FDOTC3D2020 Maintenance Release 5 (MR5)

FDOTC3D2020 MR5 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.

- Revisions per FDOT Design Bulletin.
- FDOT Signs updates for Civil 3D 2020 and Civil 3D 2021

Update Templates to latest FDOT Standards.

- Adding in missing levels for the structure rule.
- RW_Line, RWLine strMisc, StrMisc_h, Pilesteel,PileSteel_h.
- Adding in missing levels into the ctlsrd rule for summary boxes.
- SumBoxBorder_dp, SumBoxLines_dp, SumBoxLinesMisc_dp, SheetLinesMisc2_dp, SheetLinesMisc3_dp, SheetlinesMisc4_dp, TextAlign levels used for Annotation.
- Added an action for the SWPP file to create a Sheet Model Named SWPPP1 to be used.
- creating new file base names for the AMG files that are needed for 3D-Deliverables then adding them into the appropriate rule, this file will be a part of the dsgnrd rule.
- Created a new file for Green Bike lanes bikesp*
- Green Pavement Markings for Bicycle Facilities.
- CSM Manager changes for AMG- files-
 - Create Base files for the following files
 - AMG-2DSGN* rule file dsgnrd
 - AMG-2DRPR* rule file dsgnrd
 - AMG-2PDPL* rule file dsgnrd
 - AMG-3SURVRD* rule file survrd
- AMG-3DSGN* rule file dsgnrd
- Creating New file Names for AMG files that will go into the 3DDeliverables folder within a workset/project.
- creating new file base names for the AMG files that are needed for 3D-Deliverables then adding them into the appropriate rule, this file will be a part of the dsgnrd rule
- updated the ROW rule with missing levels
- Created a New B#DataTable* start file for structures to be located tin the structures folder of the project.
- Adding new rebar levels to bridge model.
- Each component of a Structure will have 15 different rebar levels (Bm, Bw. Cap, Col, Dk, Fnd, Ftg, Misc, Ped, Sgmt, Wall) allowing for expansion in the ranges also Guidelines for Rebar are being added too.
- Created new level BarrierWallConc_pm to replace TrafRailingConc_pm it will have same Attributes and level number.

Pavement Marking Tool

- Stripe placement justification not working - places by first stripe - center and outside justification is work in progress (WIP).
- Freeform striping - first skip line uses calculated endpoint, but additional lines with skip are ignoring new endpoint - investigating.
- Separation stripe placement method is by entity only - dynamic placement is WIP.
- Diverge stripe placement method is by entity only - dynamic placement is WIP.

PlaceBlockGroup C3D 2020 and 2021 Update:

- Clear images when upstream/downstream are unchecked.
- Added version number to palette and synched with ORD version 01.00.00.07.
- Clear entity and point fields after command finishes drawing.

Subassembly

- New Type RA (Round About) Curb Subassembly
- Corrected Top Curb Link Codes for Miami Curb

Project Validator

- Fixed an issue when checking for duplicates. It was looking for contains and now it's changed to equals.