



FDOTC3D2024 CADD SOFTWARE

FDOTC3D2024 – What’s New and Release Notes (MR1)

FDOTC3D2024 contains updates necessitated by changes to Design Standards, Plans Preparation Manual (PPM), and the Basis of Estimates (BOE).

Revisions per FDOT Design Bulletin.
Installation/User Guide <ul style="list-style-type: none">Updated Installation/User Guide links to reflect new version of State Kit.
Pay item Data Base <ul style="list-style-type: none">“Quantities” update.
Update Templates to latest FDOT Standards. <ul style="list-style-type: none">Updated to 2024 MR1.
Reference Manager <ul style="list-style-type: none">Help Identify drawings that reside outside of the FDOT project structure or files that may be missing and resolved paths without having to open up drawings
GCS Reporter (Geographic Coordinate System) <ul style="list-style-type: none">Reporting application on the status of what (if any) coordinate system is set in a DWG file for an entire project.
FDOT Multiline <ul style="list-style-type: none">Allows users to draw 2-D FDM exhibit road sections complete with pay item numbers that can then be targeted for corridor modeling.
Line Calculator <ul style="list-style-type: none">A quick utility that measures 2-D linework, such as pavement striping.
Create Project <ul style="list-style-type: none">Must be connected to FDOT network to produce a Project###.xml file or obtain one from District Project Manager or CADD Manager
Create File <ul style="list-style-type: none">Users can now assign a Florida Coordinate System based on the County location and/or coordinate system it self.
Subassembly Packer <ul style="list-style-type: none">The FDOT Subassembly Packer utility, archives all the custom FDOT (.dll) files required for the function of building a FDOT corridor 3D model.
FDOT Ribbon Changes <ul style="list-style-type: none">Added Beta Pavement Marking Tools back to ribbon
Place Block Group <ul style="list-style-type: none">Preview does not display graphics - FixedDon't Prompt for PayitemDB.xml - Fixed (all three programs)Don't Prompt for AECMERGE.xml -Fixed (all three programs)Entity Selection should stick - FixedMissing XData causes exception in debug - Fixed (all three programs)

- 6) PBG Increment method draws at 2x distance - Fixed for center. Some issues remain with combined placement (ie downstream, center, and upstream)
- #155 C3D and ORD Custom Cell/Block Selector Save Last Library
- #171 C3D and ORD Bug Fix - block preview not working

FDOT Pavement Marking Tool

- Preview does not display graphics - Fixed
- Don't Prompt for PayitemDB.xml - Fixed (all three programs)
- Don't Prompt for AECMERGE.xml -Fixed (all three programs)
- Entity Selection should stick - Fixed
- Missing XData causes exception in debug - Fixed (all three programs)
- PBG Increment method draws at 2x distance - Fixed for center. Some issues remain with combined placement (ie downstream, center, and upstream)
- #199 Common calls LogUtil Method
- #221 C3D Error Message for draw pattern when input incomplete
- #244 C3D Bug Fix - Missing FDOT Fonts for Label Params
- #245 C3D & ORD - Match Label Rules

FDOT Signs

- Preview does not display graphics - Fixed
- Don't Prompt for PayitemDB.xml - Fixed (all three programs)
- Don't Prompt for AECMERGE.xml -Fixed (all three programs)
- Entity Selection should stick - Fixed
- Missing XData causes exception in debug - Fixed (all three programs)
- PBG Increment method draws at 2x distance - Fixed for center. Some issues remain with combined placement (ie downstream, center, and upstream)
- #748 C3D and ORD Change label "Name" to "Number"
- #756 C3D and ORD Locate Assemblies via View to Edit
- #765 C3D and ORD Bug Fix - Open Assembly Template XML Blacked Out dialog

Updates PE Seals in the Digital Signature Template

FDTO Master

- Added elevation Tet to Right Side of Cross Sections Styles
- Moved Station Text to bottom Right side of Cross sections

Quantity Take off Manager

- Added ability to find and apply extra length to pay item calculation