FDOTConnect 10.10 January 2022 Release Notes

FDOTConnect 10.10.00.00 Initial Release

FDOTConnect 10.10 January 2022 Release 10.00.00.00 contains updates necessitated by changes to Design Standards, FDOT Design Manual(FDM), and the Basis of Estimates (BOE) as well as fixes and enhancements for the 10.10 versions of Bentley Connect Edition Applications. The changes listed below were made since the last maintenance release of the 10.09.02.00 version of the FDOT software.

App Name	Files Updated	Notes
QC Inspector	/FDOT/Apps/ustnQCInspector/CONNECTQCInspector.dll /FDOT/Apps/ustnQCInspector/FDOT.CADD.Common.dll /FDOT/Apps/ustnQCInspector/FDOT.CADD.Standards.dll /FDOT/Apps/ustnQCInspector/QCReportData.dll	ProjectWise friendly for discipline folder names. Fixed border files not being picked up as invalid filenames
FDOT Place Notes	/FDOT/mdlapps/FDOTPlaceNotes.dll	add button to clear fields UI Updates Add bridge Number CHANGE TEXT character length fixed pesky behavior on reload event fixed pesky behavior adjust for 11x17 sheets OBM signature area upper case input only. Added OBM Structures User Interface modified to allow multiple design files to be sealed at the same time.
FDOT Copy Reference Levels	/FDOT/mdlapps/FDOTCopyReferenceLevels.dll	Fixed issue where sometimes the list of references\models was duplicated

FDOT Signals Tool	/FDOT/Apps/Signals/Signals.dll	no issue #] Added support for FDOT_ORGANIZATION_10.10 for both reg keys and environment variables. The program will first look for the environment variable. If not found it will try the registry. #38 Label Rotation - labels rotate so they are orthogonal to the view. This also applies to rotated views. #39 Quantity Factor - users can now apply a quantity factor when editing/adding payitems to a signal component. #42 Alignments from Reference FIles - the program will now find alignments in reference files. In ORD 01.10.01, now also in 01.09.02 #15, #37 - Changed name to Signal Design and title now contains version number. #33 From Pattern - throws exception - Fixed. #35 Tooltip on Alignment Button - changed to say "Select alignment". #34 Hilite Alignment Button on Hover - fixed.
Place Cell Group	/FDOT/Apps/PlaceCellGroup/PlaceCellGroupORD.dll	#78, 83, 85 - Name Change and Version in Dialog Title - added new name Traffic Design and included version number to the right of the title. #76 Fix Button Icons - images in previous builds were not displayed. Appears to be fixed for this build. # [no issue number] - fixed fly-over message. Previous versions always displayed last item in combo box. This new version will display text of the current selection in the fly-over bubble. # [no issue number] - added support for new config and environment variables for 10.10.
Quantity Takeoff Manager	/FDOT/Apps/QuantityTakeoffManager/FDOT.CADD.Common.dll /FDOT/Apps/QuantityTakeoffManager/FDOT.CADD.Reports.dll /FDOT/Apps/QuantityTakeoffManager/MSCETakeoffManager.dll /FDOT/Apps/QuantityTakeoffManager/SummaryReportsBuilder.exe /FDOT/Apps/QuantityTakeoffManager/FDOT.CADD.Bentley.Connect.dll	Fixed Summerized Reporting Issue - Reports now Order by Pay Item Number, Alignment, and then Begin Station. Changed Design Notes and Construction remarks to pull from Instance as opposed to Element Updated item types with ôThicknessö to change property definition name to "Lift" to fix conflict with Bentley element property named Thickness. Added processing for Pay Item arrays Added processing for Parametric Cells Automated "Summary of Litter Removal and Mowing" Report Fixed Rounding Issues Automated "Summary of Litter Removal and Mowing" Report Fixed Rounding Issues Updated with Mike's latest code for improved processing speed on large objects. Fixed issue with WorkSets path

FDOT Sign Tool	/FDOT/Apps/SignTool/SettingsDefault.xml /FDOT/Apps/SignTool/FDOTORDSigns.dll	#591 - Added support for organization environment variables and registry entries. You will need to change your SettingsDefault.xml so that folder settings do not include the org location - ie C:\FDOTConnect\Organization-Civil\. If the environment variable isn't found the program will look in the registry for the location.

#576 - Drop Down not Spy Glass Icon - Vern asked us to change the spy glass icons to more appropriate icons. The open folder buttons on the User Settings tab have folder icons now, and the size option for sign panels has been changed from a pickbox to a combobox control.

575 - Normalize Alignment Selection - Vern asked that we implement a standard approach for selecting alignments. In most of our apps we have a command button to get the user to select an alignment, and a combo box that the user can use to choose an alignment. We added these controls for panel and post placement. If the user doesn't select prior to placement, the command works as it did before - ie select the alignment before placing.

572 - Assemblies will not place Relative to Alignment - we had a bug where assemblies were not placing relative. This issue has been resolved.

#564 and 566 - Apply alignment to all elements in the assembly. Existing Change Element has alignment assigned to all components.

#556 - Panel Placement for 3-side, 4-side Placement - this issue addresses rotation of panels so that we can create something similar to the image below.

To get this, we added the ability to set the rotation of individual panels.

#505 - Multiple Payitems on Post - added the payitem selection box like the one used in signals to add payitems. The user can add as many as they want to a post. The additional payitems will be selected from the payitemdb window. These need to be added before placement. Tell users not to try to edit the payitem after placement - this isn't supported.

#542 - ORD Level Lists - this issue addressed the problem where levels from dgnlibs were not available for FDOT.Signs. We have tried several times to address, but this time I think we finally have the correct solution.

The following (most) were added to 01.10.01 but not in 01.09.01 - they are included in both versions now...

#569 - Name Change in Dialog

#567 - Version number in dialog title -

#465 - Secondary Connectors - we attempted to clean up the connector so that it would intersect and end at the edge of the panel instead of leaving a gap. This appears to be working better in most cases,

#510 - Copy command does not work when labels are present. - Copy works now. Labels will copy with assembly. Some clean-up may be required.

#509 Save to XML from Edit Assembly - when editing an assembly the user might want to save the new version to XML. Previous version "didn't like" this. In this new version the user can make and edit to an existing assembly and save those changes to XML.

#514 Assembly Structure Type is Wrong on Review/Edit - the assembly structure would always show Post Only when editing an assembly. The program now shows the proper structure type.

#515 Assembly Structure type is Wrong on Copy - similar issue and solution as 514. Fixed.

		#516 Label Shapes do not Redraw - when Match Scale is used to update the drawing scale. This has been partially fixed. The panel shapes update, but the post label shapes do not. Work around is to replace the post label or do not use shapes. We will address for next release cycle budget permitting.
		#517 Match Scale command Aborts - fixed.
		#548 Process Station Updates by Selection - we had a bug to fix last year where the user needed to update stations but there were a lot of them and the program would crash. So the request was made to update stations using a selection set. This issue addresses the crash, the performance issues, automatic update of station and selection set processing.
		CADD was able to get the post station value to update when using a MicroStation move (as long as the FDOT.Signs program is running). So, using the update stations command by selection or for all is now almost obsolete. We still need it for cases where users move the posts without having the fdot signs dialog open.
		#543 Alignment Selection from Reference - previous versions had issues selecting alignments if they were located in reference files. Fixed in this version.
		#557 Place Panels and Posts with 2pt rotation - in this release the user can select the angle by 2pts. This must be done prior to placing the assembly. fixed pathing to reflect the new requirement of the sign tool
OH Geometry Points	/FDOT/Apps/OHDOTGeometryPoints/OHDOT_GeometryPoints.pdf	revised help doc to show location of the Ohio Geometry Points tool with in the FDOTConnect workspace

Asset Manager	/FDOT/Asset Manager/AECMERGE.XML /FDOT/Asset Manager/SummaryReportDefinitions.xml /FDOT/Asset Manager/Asset Management Lookup.xlsx	Consolidated all lookups into PayItem_LOOKUP worksheet for picklists, pay items, and variables. Updated template columns for ITS and Signalization to include Element ID. Added " mark to description of 522-1 and 522-2 pay items to match BOE. Added secondary quantity columns to the Summary of Temporary Traffic Control Plan Items. Added newly opened pay item for AC Friction Course 0337 7 95 to Summary of Pavement. Updated compute method for Litter Removal and Mowing pay items - "0107 1 " and "0102 2 ". Deleted Summary of Monitor Existing Structures. Changed HeaderCell name from "ACICycles" to "AcresPerCycle" Added pay items 660-8-12, 660-8-60 & 660-9-60 to Summary of Signalization and Summary of ITS. Added entries for newly opened pay items 660-8-12, 660-8-60, & 660-9-60.
Prostructures	/FDOT/Prostructures/Rebar/Detailing/USA_Canada/DefaultLabels.dgnlib /FDOT/Prostructures/Rebar/Detailing/USA_Canada/default.def /FDOT/Prostructures/Rebar/Detailing/USA_Canada/display.sys /FDOT/Prostructures/Rebar/Detailing/USA_Canada/presets.sys /FDOT/Prostructures/Data/PSUnits.def	new file to work within the Prostructures environment meets FDOT Standards Updated to conform FDOT Standards adding new file to allow feet and inches with in the Prostructures environment
Project Validator	/FDOT/Apps/ProjectValidator/ProjectValidator.exe	Project Validator 1.15 - Fixed a bug that would not allow you to run through a project that contains only the QCProjectReport-Autodesk.txt.
Survey Reference Attach	/FDOT/Apps/Miscellaneous/SurveyReferenceAttach.dll	Removed manipulate as element from attachment setting
Designer Interface Quantities Builder	/FDOT/Apps/DesignerInterfaceQuantitiesBuilder/DIQB.exe /FDOT/Apps/DesignerInterfaceQuantitiesBuilder/FDOT.CADD.Common.dll /FDOT/Apps/DesignerInterfaceQuantitiesBuilder/FDOT.CADD.Reports.dll /FDOT/Apps/DesignerInterfaceQuantitiesBuilder/FDOT.CADD.Bentley.Connect.dll	Fixed issue with same Pay Item being used in different report with different GroupId. Updated References to FDOT.CADD.Common.dll, FDOT.CADD.Bentley.Connect.dll and FDOT.CADD.Reports.dll Updated configurations for C3D2021, C3D2022, ORD1009, and ORD1010 Updated Window Title based on State Kit Platform Changed "Reports" to "Tables" as per CADD Fixed issue with report Excel files with trailing FPID Number processing.
Geotech Data Manager	/FDOT/Apps/GeotechDataManager/FDOT.CADD.Common.dll /FDOT/Apps/GeotechDataManager/GeotechDataManager.exe /FDOT/Apps/GeotechDataManager/ClosedXML.dll /FDOT/Apps/GeotechDataManager/DocumentFormat.OpenXml.dll /FDOT/Apps/GeotechDataManager/ExcelNumberFormat.dll /FDOT/Apps/GeotechDataManager/GeotechDataManager.exe /FDOT/Apps/GeotechDataManager/System.IO.FileSystem.Primitives.dll /FDOT/Apps/GeotechDataManager/System.IO.Packaging.dll /FDOT/Apps/GeotechDataManager/GeotechDataManager.exe /FDOT/Apps/GeotechDataManager/GeotechDataManager.exe.config	Added config file Removed Cr form lab and added back Icon file On the borehole group, need to add "N\A" to "Hammer Type" If "Auger" is selected for "Borehole Type", Hammer Type should default to "N/A" If "SPT" is selected for "Borehole Type", Hammer Type should default to "Auto" When importing the "Borehole Navigator" spreadsheet, "Hammer Type" should default to "N/A" for hammer type. When importing the "SPT Sheet" spreadsheet, "Hammer Type" should default to "Auto" for hammer type.

Geotechnical Tools	/FDOT/Apps/GeotechnicalTools/MSGeotechnicalTools.dll /FDOT/Apps/GeotechnicalTools/Interop.MicroStationDGN.dll /FDOT/Apps/GeotechnicalTools/MSGeotechnicalTools.dll.config /FDOT/Apps/GeotechnicalTools/ORDGeotechnicalTools.dll /FDOT/Apps/GeotechnicalTools/ORDGeotechnicalTools.dll.config /FDOT/Apps/GeotechnicalTools/ORDGeotechnicalTools.pdb	Correct Lat/Long locations plotted in wrong location Added lat\long label Updated header and soil test labels for consistency
Summary Reports Builder	/FDOT/Apps/SummaryReportsBuilder/FDOT.CADD.Reports.dll /FDOT/Apps/SummaryReportsBuilder/SummaryReportsBuilder.exe /FDOT/Apps/SummaryReportsBuilder/FDOT.CADD.Bentley.Connect.dll /FDOT/Apps/SummaryReportsBuilder/FDOT.CADD.Common.dll	Automated "Summary of Litter Removal and Mowing" Report Fixed Rounding Issues Updated Window Title based on State Kit Platform Modified PDF Report to show blank if Primary Quantity is Zero
Link Data Manager	/FDOT/Apps/LDM/Templates/Roadway/DOCX/DigitalSignatureAppearance.docx /FDOT/Apps/LDM/Fdot.LDM.dll	Used _FDOTFile to determine file location to make ProjectWise compatible. UPDATED Digital Signature Appearance LANGUAGE TO MATCH PSO MEMO 18-01
Select Element By ID	/FDOT/mdlapps/FDOTSelectElementByID.dll	Fixed crash issue when attempting to search for elements in references when some references are missing.
Reset Text Angle	/FDOT/mdlapps/ResetTextAngle.dll	Current code did not process TextNodes (multi-line text), TextNodes are now processed Changed command from "progname" to "dialog" Added conditional compilation for form designing and correct location behavior (dialog no longer sits on top of all windows and will minimize when ORD is minimized) Removed minimize & maximize buttons from form Removed element hilite feature
Summary Reports Manager	/FDOT/Apps/SummaryReportsManager/FDOT.CADD.Common.dll /FDOT/Apps/SummaryReportsManager/FDOT.CADD.Reports.dll /FDOT/Apps/SummaryReportsManager/SummaryReportsManager.exe	Updated References to FDOT.CADD.Common.dll and FDOT.CADD.Reports.dll
Structures Standards Packager	/FDOT/Apps/StructuresStandardsPackager/2021StructuresPayItemToStandardReferences.xlsx /FDOT/Apps/StructuresStandardsPackager/BouncyCastle.Crypto.dll /FDOT/Apps/StructuresStandardsPackager/StructuresPayItemStandardBuilder.exe /FDOT/Apps/StructuresStandardsPackager/StructuresPayItemStandardBuilder.exe.config /FDOT/Apps/StructuresStandardsPackager/itextsharp.dll	Updated for 2022 standards release
Create File	/FDOT/Apps/CreateFile/CreateFileORD.dll /FDOT/Apps/CreateFile/FDOT.CADD.Common.CreateFileGUI.dll /FDOT/Apps/CreateFile/FDOT.CADD.Common.dll	Used _FDOTFile to determine file location to make ProjectWise compatible.
Create Project	/FDOT/Apps/CreateProject/CreateProject.exe /FDOT/Apps/CreateProject/FDOT.CADD.Civil3D.Connector.dll /FDOT/Apps/CreateProject/FDOT.CADD.Civil3D.dll /FDOT/Apps/CreateProject/FDOT.CADD.Common.dll	Added County Code from FM System
File Open	/FDOT/mdlapps/FDOT.OnFileOpen.dll	Updated for 10.10 to help prevent users from opening files in the 0_Workset_Folder
Rebar	/FDOT/Apps/Rebar/CONNECTRebar.dll /FDOT/Apps/Rebar/Rebar.exe /FDOT/Apps/Rebar/RebarData.dll	CONNECTRebar v1.03 - Updated to work with comment row from Rebar main program. Rebar.exe v1.08 - Added comment option to bartype column.

		RebarData v1.0.7.21 - Updated to work with comment row from Rebar main program.

Resource Name	Files Updated	Notes
Configuration Files	/FDOT_Bridge.cfg /FDOT_MicroStation.cfg /FDOT_Roadway.cfg /FDOT.cfg	Added $(CIVIL_ORGANIZATION_ROOT) to WorkSpaceSetup and Reference File Paths and Settings Added VERSION number Commented out FDOTAttachSurvRef, FDOTLevelFilterOnOff, FDOTAccuDraw from VBALOADLIS MS_CELLLIST revisions files sent from CADD Bridge to enhance FDOTConnect 10.10 for OBM note removed line that looked for detailing symbol styles in the FDOT_DRAWINGSEED_OBM.dgnlib file since all detailing symbol styles are now stored in FDOT_DetailingSymbolStyles.dgnlib adding in the new variable for element templates for FDOT_Standards_Features.dgnlib added MS_ADDINPATH > $(CIVIL_ORGANIZATION_STANDARDS)Apps/OHDOTGeometryPoints/ added in the variable for the new Attach Survey Reference Tool MS_ADDINPATH Added $(_USTN_WORKSPACESTANDARDS)Dgnlib/Sheet Seeds_OBM/*.dgnlib Replaced with FDOT.OnFileOpen Removed Cell Splatter Added CIVIL_LABELER_XMLFILE variable Updated CIVIL_LABELER_XMLFILE variable for file name change

Sheet Seeds	/FDOT/Dgnlib/Sheet Seeds_OBM/FDOT_DRAWINGSEED_OBM.dgnlib	updated latest file from updates to sheet models
	/FDOT/Dgnlib/Sheet Seeds/11x17 Plan Only Named Boundary.dgnlib	updating the latest changes from the Sheet model properties
	/FDOT/Dgnlib/Sheet Seeds/11x17 BridgeHydraulicRecommendationNamedBoundary.dgnlib	needed to update border information
	/FDOT/Dgnlib/Sheet Seeds/11x17 DrainageMap Named Boundary.dgnlib	updated sheet model with item types for bridge number
	/FDOT/Dgnlib/Sheet Seeds/11x17 Plan Only Detail.dgnlib	updated file from steve it was missing the bridge number in all sheet models
	/FDOT/Dgnlib/Sheet Seeds/11x17 Plan Over Plan Named Boundary.dgnlib	took item type away for EOR and drawn by, checked by
	/FDOT/Dgnlib/Sheet Seeds/11x17 Plan Over Profile Named Boundary.dgnlib	replaced user, date, time, location to left hand side of sheet
	/FDOT/Dgnlib/Sheet Seeds/11x17 Pond Cross Section Named Boundary.dgnlib	- removed the plan callout seed models to keep things simple, only use section callout as that can do same things as plan callout and more
	/FDOT/Dgnlib/Sheet Seeds/11x17 Profile Only Named Boundary.dgnlib	- removed old seed models that weren't being used
	/FDOT/Dgnlib/Sheet Seeds/11x17 Profile Over Profile Named Boundary.dgnlib	- removed the misc detailing symbol styles that were stored in this file. Only using FDOT_DetailingSymbolStyles.dgnlib from now on
	/FDOT/Dgnlib/Sheet Seeds/11x17 Special Profiles Named Boundary.dgnlib	- updated all detailing symbols to be using the ones found in FDOT_DetailingSymbolStyles.dgnlib
	/FDOT/Dgnlib/Sheet Seeds/36X72 Triple Plan Named Boundary.dgnlib	- added non civil named boundary seeds for 3D files
	/FDOT/Dgnlib/Sheet Seeds/36x48 Cross Sections Named Boundary.dgnlib	- added 2d design model to house 2D seeds
	/FDOT/Dgnlib/Sheet Seeds/36x48 Drainage Detail Named Boundary.dgnlib	- added non civil named boundary seeds for 2D Files
	/FDOT/Dgnlib/Sheet Seeds/36x48 Plan Only Named Boundary.dgnlib	- Udpated all section callout and detail callout seeds (drawing & sheet models)
	/FDOT/Dgnlib/Sheet Seeds/36x48 Plan Over Plan Named Boundary.dgnlib	- replaced all sheet model seeds with updated sheet model
	/FDOT/Dgnlib/Sheet Seeds/36x48 Plan Over Profile Named Boundary.dgnlib	- Organized seed models: 0-9 = section callouts, 10-19 = named boundary, 20-29 = detail callouts
	/FDOT/Dgnlib/Sheet Seeds/36x48 Triple Plan Named Boundary.dgnlib	- changed sheet title field to use sheet model name instead of description
	/FDOT/Dgnlib/Sheet Seeds/36x72 Cross Sections Named Boundary.dgnlib	- Updated "border" item type stored in this file to include addition sheet info
	/FDOT/Dgnlib/Sheet Seeds/36x72 Drainage Detail Named Boundary.dgnlib	- added bridge number field in bottom right of sheet (item type)
	/FDOT/Dgnlib/Sheet Seeds/36x72 Plan Only Named Boundary.dgnlib	- added EOR info to border (item type). Remove if not needed after meeting
	/FDOT/Dgnlib/Sheet Seeds/36x72 Plan Over Plan Named Boundary.dgnlib	- moved the file, date, user to left side of sheet and rotated 90 to match roadway
	/FDOT/Dgnlib/Sheet Seeds/36x72 Plan Over Profile Named Boundary.dgnlib	updating reference setting in drawing and sheet models
	/FDOT/Dgnlib/Sheet Seeds/KeyMapSheetSeed.dgnlib	Update the sheet seed so that level settings are propagated to the sheets. In the Drawing model, set the Synchronize setting to "Settings from Design Model"
	/FDOT/Seed/Sheets/FDOT Sheet Seed.dgn	latest update to remove File Date user from lower right of sheet this is moved to the left side
	/FDOT/Dgnlib/Sheet Seeds_OBM/ElevationNamedBoundary.dgnlib	
	/FDOT/Dgnlib/Sheet Seeds_OBM/PlanNamedBoundary.dgnlib	
	/FDOT/Dgnlib/Sheet Seeds_OBM/PlanOverElevationNamedBoundary.dgnlib	
OBM Standards	/FDOT/Dgnlib/Feature Definitions/FDOT_OBM_Standards_Features.dgnlib	updating Elevation Grid Scale
		fixed the elevation grid for structures spaced to 10 with 2 ft minors
		set new text favorite to define the vertical axis labels
		created new level for Pile Decorations in 2D
		Created new element template to be linked to the symbology and feature Definition
		created new element templates for decoration levels of how 2D Bridge elements are displayed
		Created new Feature Definitions for Footing and Pile Decorations
		Created New Feature Symbology for Footing and Pile Decorations
		added levels for Asphalt Overlay on Bridge Approach Slabs and element templates, Feature Definitions, Feature Symbology
		added new levels to structures rule in CADD Standards
		created new element templates for End Bents and Int Bents
		Corrected element templates to look at new levels

Standards Data	/FDOT/StandardsData/PayitemDB.xml	created new payitemdb file with new striping pay item info New database per boe changes
Text Favorites, Labels, Item Types and Features	/FDOT/Dgnlib/Feature Definitions/FDOT_Text Favorites_Text Styles_Dimension Styles.dgnlib /FDOT/Dgnlib/Feature Definitions/FDOT_Standards_Features.dgnlib /FDOT/Dgnlib/Feature Definitions/FDOT Labels.xml /FDOT/Dgnlib/Feature Definitions/FDOT_Item_Types.dgnlib /FDOT/Dgnlib/Feature Definitions/FDOT_SUE_Drainage.dgnlib /FDOT/Dgnlib/Feature Definitions/FDOT_OBM_Item_Types.dgnlib /FDOT/Dgnlib/Feature Definitions/FDOT Labels.xml	corrected text favorite for section callout for structures adding new labels and element templates for RW updating 40_4 profile scale annotation - added structures specific sheet index report & table seed model - added structures pick list & item type for ProConcrete rebar autolabeling Redirected all item types to PayItem_LOOKUP worksheet in the Asset Management Lookup.xlsx file for picklists and variables/pay items. Redirected all item types to PayItem_LOOKUP worksheet in the Asset Management Lookup.xlsx file for picklists and variables/pay items. fixed the elevation grid for structures spaced to 10 with 2 ft minors set new text favorite to define the vertical axis labels adding text favorites for RW adding RW text favorites for new labeler created new levels for existing modleing _em created new folder in Template Points called Existing which will include the following element Templates Created PMStripe24B per request from Randy for Traffic Tools Created Feature Definitions and Feature Symbology for new _em Levels Revised Text Favorites PL_ROW_Curve Label LT & RT to override <active settings> for units labels and precision. added levels for Asphalt Overlay on Bridge Approach Slabs and element templates, Feature Definitions, Feature Symbology added new levels to structures rule in CADD Standards added new levels for bridge modeling and corrected level names to be component specific added PavtAsphalt_em level and pointed element template to it removed levels that were replaced by _pm levels added _PL_STATION-PARTIAL (ROUNDED) created Partial Station (Rounded) for Labeler added labels for ROW, SUDA and Survey set dimension style for Text Label Element Template Updated Item Types from FDOT_Item_Types.dgnlib. Updated item types with ôThicknessö to change property definition name to ôLiftö to fix conflict with Bentley element property named Thickness. Upgraded copy to 10.10 schema. Copied and updated to match 10.9 changes that added item types for LitterRemoval, Mowing, and PerformanceTurf2D. Add partial station Created a text favorites for scale to be shown on XS Sheets and Profiles Created a text favorite of Partial Stations for plan for traffic tools Added the text favorites to the annotation groups for XS and Profile THis will automate a scale depending on annotation group applied Created _PR_ELEVATION Text Favorite Removed STA. from Plan Station Offset Partial Text Favorite created a new text style for the elevation grid for Elevation of Structures created new text favorite to call new text style

Drainage Cells	/FDOT/Cell/Drain3D.cel /FDOT/Cell/drplan.cel	Changes to cells for release.
FDOT Ribbon	/FDOT/Dgnlib/GUI/FDOT_RIBBON_TAB.dgnlib	removed signing and pavement marking cell library from ribbon updated About button for new version popup added the new keyin tool for the Attach Survey Reference tool to the FDOT Ribbon Roadway Group added a link to the training guides and you tube training channel to the CADD Links in the Help Group added Replace Parent and Replace Child to the Common Tools Group of the Geometry Tab moved Complex Redefine to group with these tools changed "CADD Support" to "CADD Links" checking in new variable for workspace doctor and geotech tools (CIVIL_ORGANIZATION_ROOT) This will be added to the key-in moving CADD Manual link under CADD Support menu, with the rest of the CADD links adding in changes that were made in 10.09 to 10.10 ribbon Attach Survey Reference is a new dll CopyReference Level is new dll Added the FDOTSurvey Tab with common Groups and new tools to report Point Geometry
FDOT Cell Webpages	/FDOT/Cell/fdotcells_Roadway.htm	Removed Traffic Plans cells from webpage. These should be placed by Traffic Plans tool
FDOT OBM Ribbon	/FDOT/Dgnlib/GUI/FDOT_OBM_RIBBON_TAB.dgnlib	MODIFIED REBAR CHART PATH $(CIVIL_ORGANIZATION_ROOT) Edit Standards Packager path $(CIVIL_ORGANIZATION_ROOT)
FDOT DWG File	/FDOT/Seed/fdotmaster2018.dwg	Added for the translation of dgn to dwg files using FDOT standards
FDOT Sheet Seed	/FDOT/Seed/Sheets/FDOT Sheet Seed.dgn	updated file from steve it was missing the bridge number in all sheet models took item type away for EOR and drawn by, checked by replaced user, date, time, location to left hand side of sheet
Typical Section Package Seed	/FDOT/Seed/FDOT-ORD-TypicalPackageSeed.dgn	adding florida map to typical section cover sheet, per updates to fdm updating with revised typ section cover cell created new sheet model for cover sheet
Cell Libraries	/FDOT/Cell/TypicalSection.cel /FDOT/Cell/Roadway.cel /FDOT/Cell/Sheets.cel /FDOT/Cell/TypicalSection.cel /FDOT/Cell/Roadway.cel /FDOT/Cell/PavementMarkings.cel /FDOT/Cell/PavementMarkings.cel /FDOT/Cell/row.cel /FDOT/Cell/Signalization.cel /FDOT/Cell/Sheets.cel /FDOT/Cell/DetailSymbols.cel	added cell for detailing callout, removed ones that weren't being used Changed Geotech "Artesian Flow" to "ArtesianFlow" cell name Added Geotech Artesian & FluidLoss cells updating roadway key sheet cells per fdm 910 Revised CSREF sheet cell title and header. New signalization cell file with rescaled cells Rescaled ROW North Arrow down by 1/12. Re-added Pavement Marking Roundabout approach arrows (fish hooks have been deleted) Add Roadway Curb Ramp updating cells for roadway key sheet and typ section package cover adding florida map to typical section cover sheet, per updates to fdm
Display Styles	/FDOT/Dgnlib/Display Styles/FDOT_DetailingSymbolStyles.dgnlib	Updated all detailing symbol styles, removed ones that weren't being used removed old models that weren't being used

Standards Data	/FDOT/StandardsData/CADDStandards.xml /FDOT/StandardsData/CADDStandardsLookup.xml	made changes to the standards that include changing the default model in structure sheet file from 2d to 3d removing actions from structure sheet files regrouping structure files to Superstructure, Geotechnical Sheet Files, made RWLINE, RWSECTION, RWPAR inactive files for Right of WAy added actions to RW control files to create the following DEsign Models model create design ALGNRW BaseLineSurvey/CenterLineConstruction; model create design RWJURISDICTION JurisdictionalAndAgencyLines;model create design RWLINES ExistingRightOfWay; model create design RWLOC LimitsOfConstruction; model create design RWPARCELS ParentTractsEasmentAndTakes; model create design RWSECTION GovernmentSectionsAndGrants; model create design RWSUBDIV SubdivisionAndPropertyLines created new structures geotech boring design file B#SPTBBR* Changed the seed file for the Beamlayout files to be 3D default created new levels for existing modeling _em created new folder in Template Points called Existing which will include the following element Templates Created PMStripe24B per request from Randy for Traffic Tools Created Feature Definitions and Feature Symbology for new _em Levels added new levels and mark old levels inactive the are replaced by new levels added all new levels to the appropriate rule created new levels for earthwork workflow SubGrade_em, SubGrade_ex Created new element templates for Terrain Features for SubGrade Existing and SubGradeProposed Created Template point name Feature definitions Created new levels for DTMBotMesh_px, DTMTopMesh_px to be viewed in a 3D Model
Seed Files	/FDOT/Seed/FDOT-OBM-StructuresSheetSeed3d.dgn /FDOT/Seed/FDOT-OBM-StructuresSeed2d.dgn /FDOT/Seed/FDOT-ORD-KeyMapSeed.dgn	renamed ORD sheet model to "Key Sheet" from "Component Key Sheet" as all key sheets will now require the same information box per FDM 910 Set iTwin settins OBM 2D Need to change the Degree of Curve Length in the Radius Settings from 328' which is metric conversion to 100' for English This is set in all of FDOT Seed files adding a new seed file for OBM to have 3D Sheet files
Workset Template	/Workspaces/FDOT/WorkSets/0_WORKSET_TEMPLATE/Geotechnical/BoreholeSample.xlsx /Workspaces/FDOT/WorkSets/0_WORKSET_TEMPLATE/Calculations/BlankTemplates/Summary of Monitor Existing Structures.xlsx /Workspaces/FDOT/WorkSets/0_WORKSET_TEMPLATE/Calculations/BlankTemplates/Summary of Temporary Traffic Control Plan Items.xlsx /Workspaces/FDOT/WorkSets/0_WORKSET_TEMPLATE/Calculations/BlankTemplates/Summary of Intelligent Transportation Systems Items.xlsx /Workspaces/FDOT/WorkSets/0_WORKSET_TEMPLATE/Calculations/BlankTemplates/Summary of Signalization Items.xlsx	Updated Summary templates to include Element ID. removing native Bentley "OUT" folder Added secondary quantity columns to Summary template Removed obsolete Existing Structures summary template. added geotech color coding to location input areas
User Interface	/FDOT/Dgnlib/GUI/FDOT_MSCE_RIBBON_TAB.dgnlib /FDOT/Dgnlib/GUI/FDOTtoolboxes.dgnlib	adding context menu for KEYSRD removed the Placebore Holes tool from the Microstation FDOT Ribbon. These tools are based on Civil data and cannot be used in MicroStation

Macros	/FDOT/Macros	adding back in to get right click menu to work correctly
	/FDOT/Macros/SnappableToggle.mvba	
	/FDOT/Macros/SnappableToggle_Levels.txt	
	/FDOT/Macros/ViewControlConfigurations.xml	
	/FDOT/Macros/ViewSet Readme.txt	
	/FDOT/Macros/ViewSet.mvba	