



FDOTConnect10.12 June 2024 Release Notes

FDOTConnect 10.12.02.00 Maintenance Release (MR2)

FDOTConnect 10.12.02.00 June Release 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 FDOTConnect10.12.01.00 maintenance release. The changes listed below were made since the the November 2023 maintenance release.

Application Changes

App Name	Files Updated	Notes
Asset Manager	/Organization-Civil/FDOT/Asset Manager/SummaryReportDefinitions.xml /Organization-Civil/FDOT/Asset Manager/AECMERGE.XML	Updated to fix an issue Added summarized to 715- 6A-BCD pay items to summarize in the summary table. Details to be included in the light pole data table.
Payitem Editor	/Organization-Civil/FDOT/Apps/PayItemEditor/PayItemEditor.exe	Fixed issue with Adding a new pay item that already exists in AECMERGE.XML Fixed details display issue on when adding existing Pay Item.
Geotechnical Tools	/Organization-Civil/FDOT/Apps/GeotechnicalTools/FDOT.CADD.Common.dll /Organization-Civil/FDOT/Apps/GeotechnicalTools/MSGeotechnicalTools.dll /Organization-Civil/FDOT/Apps/GeotechnicalTools/ORDGeotechnicalTools.dll /Organization-Civil/FDOT/Apps/GeotechnicalTools/ORDGeotechnicalTools.dll.config /Organization-Civil/FDOT/Apps/GeotechnicalTools/ORDGeotechnicalTools.pdb /Organization-Civil/FDOT/Apps/GeotechnicalTools/ORDGeotechnicalTools.dll /Organization-Civil/FDOT/Apps/GeotechnicalTools/ORDGeotechnicalTools.pdb	Fixed issue where elevations were plotted from surface even if data elevation option was selected. Fixed issue where Named Boundary didn't extend past stratum cones that did not intersect boundary shape (cone was below the bottom of the named boundary).
Quantity Takeoff Manager	/Organization-Civil/FDOT/Apps/QuantityTakeoffManager/FDOT.CADD.Bentley.Connect.dll /Organization-Civil/FDOT/Apps/QuantityTakeoffManager/FDOT.CADD.Common.dll /Organization-Civil/FDOT/Apps/QuantityTakeoffManager/FDOT.CADD.Reports.dll /Organization-Civil/FDOT/Apps/QuantityTakeoffManager/MSCETakeoffManager.dll /Organization-Civil/FDOT/Apps/QuantityTakeoffManager/SummaryReportsBuilder.exe	Fixed issue with Reports with Project Specific Report Pay Item Not Showing Up in Bold. Recompiled to implement Mike's changes to fix drainage issue.

FDOT Configuration Tool	/Organization-Civil/FDOT/Mdlapps/FDOTConfiguration.exe	Moved to Workspace Doctor folder
Rebar	/Organization-Civil/FDOT/Apps/Rebar/Rebar.exe	Rebar 1.23 - Fixed issue where bartype 42 H value was calculated but dropped from the report. Rebar 1.24 - Added ability for subunits to be moved up and down in the treeview.
Planset Manager	/Organization-Civil/FDOT/Apps/PlanSetManager/FDOT.CADD.Bentley.Connect.dll /Organization-Civil/FDOT/Apps/PlanSetManager/FDOT.CADD.Common.dll /Organization-Civil/FDOT/Apps/PlanSetManager/FDOT.CADD.Reports.dll /Organization-Civil/FDOT/Apps/PlanSetManager/PlanSetManager.dll /Organization-Civil/FDOT/Apps/PlanSetManager/PlanSetManager.pdb /Organization-Civil/FDOT/Apps/PlanSetManager/SheetInfo.dll /Organization-Civil/FDOT/Apps/PlanSetManager/SheetInfo.pdb /Organization-Civil/FDOT/Apps/PlanSetManager/System.ValueTuple.dll	Removed code to allow user to type in folder.
Sign Tool	/Organization-Civil/FDOT/Apps/SignTool/Fdot.Signs.xml /Organization-Civil/FDOT/Apps/SignTool/FDOTORDSigns.dll	updating files updating to latest resources
Signals Tool	/Organization-Civil/FDOT/Apps/Signals/Signals.dll	Updates
OBM Quantity Reports Converter	/Organization-Civil/FDOT/Apps/OBMQuantityReportsConverter/FDOT.CADD.Common.dll /Organization-Civil/FDOT/Apps/OBMQuantityReportsConverter/FDOT.CADD.Reports.dll /Organization-Civil/FDOT/Apps/OBMQuantityReportsConverter/OBMQuantityReportsConverter.dll /Organization-Civil/FDOT/Apps/OBMQuantityReportsConverter/OBMQuantityReportsConverterData.dll	updating to fix .NET Framework error - can't find file path Updated file paths to be ProjectWise compatible
Drainage Cell Builder	/Organization-Civil/FDOT/Mdlapps/DrainageCellBuilder.dll	Added check to be sure user is in a cell library to create drainage cells Changed cell anchor line to "construction" type element Orifice offset defaults to "0" if no value supplied Added version number to form title Automatically attached 3d drainage grate cell library
Pole Data Manager	/Organization-Civil/FDOT/Apps/PoleDataManager/FDOT.CADD.Bentley.Connect.dll /Organization-Civil/FDOT/Apps/PoleDataManager/LightPoleData.dll /Organization-Civil/FDOT/Apps/PoleDataManager/PoleDataManager.dll	Added "(deg)" to column label for Luminaire Angle Added Luminaire Angle property to application and report
Workspace Doctor	/Organization-Civil/FDOT/Apps/WorkspaceDoctor/WorkspaceDoctor.exe /Organization-Civil/FDOT/Apps/WorkspaceDoctor/Images/Workspace Doctor.jpg	added Configure button

Resources

Resource Name	Files Updated	Notes
Feature Definitions	/Organization-Civil/FDOT/Dgnlib/Feature Definitions/FDOT_Standards_Features_Labels_Text_Dimensions.dgnlib /Organization-Civil/FDOT/Dgnlib/Feature Definitions/FDOT_Item_Types.dgnlib	Fixed the name of the Survey Attributes item type library to be SurveyAttributes. updated prompt for XS Slope Civil Label definition deleted Survey - Default Feature Definition, Symbology and Element Template
Configuration	/Workspaces/FDOT.cfg /Organization-Civil/FDOT_Bridge.cfg /Organization-Civil/FDOT_MicroStation.cfg /Organization-Civil/FDOT_Roadway.cfg	Added Structures to line 147 (Bridge) Added MS_CELLLIST > \$(CIVIL_ORGANIZATION_STANDARDS)Cell/*.cel to the cell list modified Workspace Feature Definitions to only require custom file names to include "Features" and not have to end with it Undo MS_CELLLIST > \$(CIVIL_ORGANIZATION_STANDARDS)Cell/*.cel to the cell list remove old drainage cell libraries from MS_CELLLIST and add DrainageAndUtilities.cel updating GuideSIGN variables to read latest 2024 8.2 version updating AutoTURN variables to read latest 2024.12 version updating date and version number
Workset Template	/Workspaces/FDOT/WorkSets/0_WORKSET_TEMPLATE/_BlankFile.dgn	removing unused text styles fit view to window
Fonts	/Organization-Civil/FDOT/Fonts/FDOT.ttf /Organization-Civil/FDOT/Fonts/FDOTBold.ttf /Organization-Civil/FDOT/Fonts/FDOTHeavy.ttf /Organization-Civil/FDOT/Fonts/FDOTMono.ttf /Organization-Civil/FDOT/Fonts/FDOTMonoBold.ttf /Organization-Civil/FDOT/Fonts/FDOTMonoHeavy.ttf /Organization-Civil/FDOT/Fonts/FDOTVert.ttf /Organization-Civil/FDOT/Fonts/FDOTVertBold.ttf /Organization-Civil/FDOT/Fonts/FDOTVertHeavy.ttf /Organization-Civil/FDOT/Fonts/FDOTVertMono.ttf /Organization-Civil/FDOT/Fonts/FDOTVertMonoBold.ttf /Organization-Civil/FDOT/Fonts/FDOTVertMonoHeavy.ttf	Fixed Ligature issue where "fi" & "fl" where not showing inside text
GUI	/Organization-Civil/FDOT/Dgnlib/GUI/FDOT_GUIDESIGN_RIBBON_TAB.dgnlib /Organization-Civil/FDOT/Dgnlib/GUI/FDOT_AUTOTURN_RIBBON_TAB.dgnlib	updating key in for Autoturn 2024 button updating key in for GuideSIGN 2024 button
MUTCD Cell Library	/Organization-Civil/FDOT/Cell/Mutcd.cel	updating to latest resources
Seed Files	/Organization-Civil/FDOT/Seed/FDOT-OBM-StructuresSeed3d.dgn /Organization-Civil/FDOT/Seed/FDOT-OBM-StructuresSheetSeed3d.dgn	Changed iTwin authoring program to OBM Updated visible edge settings to exact

Sheet Seeds	/Organization-Civil/FDOT/Dgnlib/Sheet Seeds_OBM/ElevationNamedBoundary.dgnlib /Organization-Civil/FDOT/Dgnlib/Sheet Seeds_OBM/PlanNamedBoundary.dgnlib /Organization-Civil/FDOT/Dgnlib/Sheet Seeds_OBM/PlanOverElevationNamedBoundary.dgnlib	Updated reference presentation settings to Sync with Design Model
Workset Template Configuration	/Workspaces/FDOT/WorkSets/0_WORKSET_TEMPLATE.cfg	added %if \$_ENGINE_NAME == "ProStructures" %include \$_USTN_WORKSETSTANDARDS)ProStructures/*.cfg %endif

FDOTConnect 10.12.01.00 Maintenance Release (MR1)

FDOTConnect 10.12.01.00 November Release 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 FDOTConnect10.12.00.00 initial release. The changes listed below were made since the last initial release of FDOTConnect10.12

Application Changes

App Name	Files Updated	Notes
Automated Quantities Tools	/Organization-Civil/FDOT/Apps/DesignerInterfaceQuantitiesBuilder/DIQB.exe /Organization-Civil/FDOT/Apps/DesignerInterfaceQuantitiesBuilder/FDOT.CADD.Reports.dll /Organization-Civil/FDOT/Apps/OBMQuantityReportsConverter/FDOT.CADD.Reports.dll /Organization-Civil/FDOT/Apps/OBMQuantityReportsConverter/OBMQuantityReportsConverter.dll /Organization-Civil/FDOT/Apps/OBMQuantityReportsConverter/OBMQuantityReportsConverterData.dll /Organization-Civil/FDOT/Apps/QuantityTakeoffManager/FDOT.CADD.Reports.dll /Organization-Civil/FDOT/Apps/QuantityTakeoffManager/MSCETakeoffManager.dll /Organization-Civil/FDOT/Apps/QuantityTakeoffManager/SummaryReportsBuilder.exe /Organization-Civil/FDOT/Apps/SummaryReportsBuilder/FDOT.CADD.Reports.dll /Organization-Civil/FDOT/Apps/SummaryReportsBuilder/SummaryReportsBuilder.exe /Organization-Civil/FDOT/Apps/SummaryReportsManager/FDOT.CADD.Reports.dll /Organization-Civil/FDOT/Apps/SummaryReportsManager/SummaryReportsManager.exe /Organization-Civil/FDOT/Mdlapps/FDOT.CADD.Reports.dll	Recompiled applications using current FDOT.CADD.Reports.dll (version 1.4.9.14) Updated with FDOT.CADD.Bentley.Connect.dll library.
Geotech Data Manager	/Organization-Civil/FDOT/Apps/GeotechDataManager/ClosedXML.dll /Organization-Civil/FDOT/Apps/GeotechDataManager/DocumentFormat.OpenXml.dll /Organization-Civil/FDOT/Apps/GeotechDataManager/ExcelNumberFormat.dll /Organization-Civil/FDOT/Apps/GeotechDataManager/FDOT.CADD.Common.dll /Organization-Civil/FDOT/Apps/GeotechDataManager/FDOT.CADD.Reports.dll /Organization-Civil/FDOT/Apps/GeotechDataManager/GeotechDataManager.exe /Organization-Civil/FDOT/Apps/GeotechDataManager/GeotechDataManager.exe.config	Updated and enhanced for FDOTConnect10.12.01.00
Geotechnical Tools	/Organization-Civil/FDOT/Apps/GeotechnicalTools/FDOT.CADD.Bentley.Connect.dll /Organization-Civil/FDOT/Apps/GeotechnicalTools/ORDGeotechnicalTools.dll	Changed pin to construction element in model
Workspace Doctor	/Organization-Civil/FDOT/Apps/WorkspaceDoctor/WorkspaceDoctor.exe /Organization-Civil/FDOT/Apps/WorkspaceDoctor/FDOTConfiguration.exe	Code cleanup and adjustment Remove UI and add as Console App Modified the existing configuration edit feature Removed FDOT Configuration Button from Workspace Doctor FDOT Workspace Configuration Setup Application
Sign Tool	/Organization-Civil/FDOT/Apps/SignTool/FDOTORDSigns.dll /Organization-Civil/FDOT/Apps/SignTool/Fdot.Signs.xml	Replacing old payitem numbers with new ones. #636 ORD Dark Mode Theme #681 PayItemDatabase.cs code cleanup #731 ORD Finish Assembly Clears form before placement

Plan Set Manager	/Organization-Civil/FDOT/Apps/PlanSetManager/FDOT.CADD.Bentley.Connect.dll /Organization-Civil/FDOT/Apps/PlanSetManager/FDOT.CADD.Reports.dll /Organization-Civil/FDOT/Apps/PlanSetManager/PlanSetManager.dll /Organization-Civil/FDOT/Apps/PlanSetManager/PlanSetManager.pdb /Organization-Civil/FDOT/Apps/PlanSetManager/SheetInfo.dll /Organization-Civil/FDOT/Apps/PlanSetManager/SheetInfo.pdb	Fixed bulk edit not updating Bridge Drawn By information Fixed single edit not retrieve Bridge Project Description top and bottom name
File Open App	/Organization-Civil/FDOT/Mdlapps/FDOT.OnFileOpen.dll	Revise Design File Title
Pay Item Editor	/Organization-Civil/FDOT/Mdlapps/PayItemEditor.dll	Fixed issue with passing Project directory to main application.
Pavement Marking Tool	/Organization-Civil/FDOT/Apps/Pavement Marking/PavementMarkingTool.ORD.dll	#148 ORD Dark Mode Theme #199 Common calls LogUtil Method
Place Cell Group	/Organization-Civil/FDOT/Apps/PlaceCellGroup/PlaceCellGroupORD.dll	#99 ORD Dark Mode Theme #151 ORD Selected Payitem gets Last from Combobox
Signals Tool	/Organization-Civil/FDOT/Apps/Signals/Signals.dll	#70 ORD Dark Mode Theme #92 ORD Highway lighting conduit needs to be included in Type = Conduit #98 ORD Unlock ItemTypes in Properties dialog (allow edit) #99 ORD Simplify Save Signal (add button to main form) #101 ORD Bug Fix - Description Combo not cleared for each type selection #105 ORD Add Signal Item Types to Existing Elements #106 ORD Open log file control

Resource Changes

Resource Name	Files Updated	Notes
Feature Definitions	/Organization-Civil/FDOT/Dgnlib/Feature Definitions/FDOT_Drainage_And_Uilities.dgnlib /Organization-Civil/FDOT/Dgnlib/Feature Definitions/FDOT_Standards_Features_Labels_Text_Dimensions.dgnlib	Added "FDOT Structures Note-Arrow (Curved)" dimension style for use with notes Removed in-line leader from Structures curved note style set decimal precision for Text Favorites to "2" from "Active Settings" as the default precision has been set to 4 in order to more accurately show text sizes set default rotation settings for cross section Civil Labels to "View Horizontal" updating default rotation settings for some civil labels Added non-zero value for Bend tools to appear.
Cell Libraries	/Organization-Civil/FDOT/Cell/Signalization.cel /Organization-Civil/FDOT/Cell/images/its /Organization-Civil/FDOT/Cell/its.cel /Organization-Civil/FDOT/Cell/its.htm /Organization-Civil/FDOT/Cell/ITS_Expanded.cel /Organization-Civil/FDOT/Cell/Roadway.cel	Adjust insertion point KNGovStdSpec cell in Roadway Combine ITS.cel and ITS_Expanded.cel libraries Combined ITS with ITS_Expanded Scaled KNGovStdSpec and KNComponentHeader cells in Roadway Enabled Can be placed as cell for cells that are not enumerated in Signalization

Bridge Workspace Config	/Organization-Civil/FDOT.cfg /Organization-Civil/FDOT_Bridge.cfg	updating MS_DGNLIBLIST_TEXTFAVORITES < \$(CIVIL_ORGANIZATION_STANDARDS)Dgnlib/Feature Definitions/*Text*.dgnlib to include OBM Text Favorites UPDATE MS_DGNLIBLIST_ELEMENTTEMPLATES > \$(CIVIL_ORGANIZATION_STANDARDS)dgnlib/Feature Definitions/FDOT_Drainage_And_Uilities.dgnlib for combined file add MS_DGNLIBLIST_TEXTFAVORITES < \$(CIVIL_ORGANIZATION_STANDARDS)Dgnlib/Feature Definitions/FDOT_OBM_Standards_Features*.dgnlib to read Text Favorites for OBM Civil Labels Rearrange OMB Configurations
GUI	/Organization-Civil/FDOT/Dgnlib/GUI/FDOT_RIBBON_TAB.dgnlib /Organization-Civil/FDOT/Dgnlib/GUI/FDOTtoolboxes.dgnlib	added Place General Notes Cell command to context menu for General Notes file names removed legacy GKLNRD file name from context menus list removed placeholder from Geotech Tools dropdown button Remove SetAABByElement add link to Survey and Mapping Handbook to FDOT Links drop-down list removed Ohio Geometry Points tool from Survey Workflow ribbon
Seed Files	/Organization-Civil/FDOT/Seed/FDOT-ORD-Seed2D.dgn	ran delete unused fonts keyin
Template Library	/Organization-Civil/FDOT/Template Library/CIVIL FDOT ORD.itl	collapsed folders and saved with FDOT template as default on open
Display Styles	/Organization-Civil/FDOT/Dgnlib/Display Styles/FDOT Display Styles.dgnlib	Added display rule for hidden column and modified display rules for hidden foundations
Preference Seeds	/Organization-Civil/FDOT/Preference Seeds/FDOT.explorer-settings.xml	reenabled Sheet Index tab within Explorer
Sheet Seeds	/Organization-Civil/FDOT/Dgnlib/Sheet Seeds_OBM/ElevationNamedBoundary.dgnlib /Organization-Civil/FDOT/Dgnlib/Sheet Seeds_OBM/FDOT_DRAWINGSEED_OBM.dgnlib /Organization-Civil/FDOT/Dgnlib/Sheet Seeds_OBM/PlanNamedBoundary.dgnlib /Organization-Civil/FDOT/Dgnlib/Sheet Seeds_OBM/PlanOverElevationNamedBoundary.dgnlib	Updated to multi-line Project Description borders

<p>Asset Manager</p>	<p>/Organization-Civil/FDOT/Asset Manager/AECMERGE.XML /Organization-Civil/FDOT/Asset Manager/SummaryReportDefinitions.xml /Organization-Civil/FDOT/Asset Manager/Asset Management Lookup.xlsx</p>	<p>Corrected compute method for clearing & grubbing pay items that had inadvertently gotten set with cycles instead of QF in the formula. Corrected the material name for mass sub concrete in the STR lookup. Added pay item for 0521 9 1 opaque barrier to StrPayItem_LOOKUP. Complete update to match all current, active pay items in BOE/DQE. Comprehensive list is documented in the BOE Export folder in SVN file name CompareBOEtoAECM_10302023.xlsx. Added the following Pay Items: 0425 1784 INLETS, MEDIAN BARRIER, TYPE 1, J BOT, >10' 0430536330 STRAIGHT CONCRETE ENDWALLS, 36", TRIPLE, 45 DEGREES, ROUND 0430542202 STRAIGHT CONCRETE ENDWALLS, 42", DOUBLE, 0 DEGREES, ELLIPTICAL 0430613323 U-ENDWALL, WITH BAFFLES & GRATE, INDEX 261/430-011,1:2 SLOPE,15"PIPE 0430630936 U-ENDWALL, INDEX 430-012, 36" PIPE 0430630942 U-ENDWALL, INDEX 430-012, 42" PIPE 0430630948 U-ENDWALL, INDEX 430-012, 48" PIPE 0649 22 1 STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, SINGLE ARM 30' 0649 22 6 STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, SINGLE ARM 50' 0649 22 19 STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-60' 0649 22 20 STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-70' 0653 1 30 PEDESTRIAN SIGNAL, INSTALL 0663 1131 SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH & INSTALL, RADIO FREQUENCY, CABINET ELECTRONICS 0663 1132 SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH & INSTALL, RADIO FREQUENCY, DETECTOR 0700 1107 SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 30.1+ SF SHEETING AREA FOR BACK TO BACK SIGNS 0700 1911 SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I CANTILEVER GROUND MOUNT, LESS THAN 12 SF 0710 17 1 PAINTED PAVEMENT MARKINGS, REMOVAL OF NON-CONFLICTING 0713103121 PERMANENT TAPE, WHITE, SOLID W/CONTRAST, 6" PRIMARY LINE WIDTH, FOR CONCRETE SURFACES 0713103141 PERMANENT TAPE, WHITE, 6-10 SKIP/DOTTED, 6" FOR CONCRETE SURFACES 0713103171 PERMANENT TAPE, WHITE, 3-9 DOTTED, 6" WIDE, FOR CONCRETE SURFACES 0713103173 PERMANENT TAPE, WHITE, 3-9 DOTTED, 12" WIDE, FOR CONCRETE SURFACES 0713103181 PERMANENT TAPE, WHITE, 10-30 SKIP, 6" WIDE, FOR CONCRETE SURFACES 0713103241 PERMANENT TAPE, YELLOW, 6-10 DOTTED EXTENSION, 6" WIDE, FOR CONCRETE SURFACES 0713103271 PERMANENT TAPE, YELLOW, 3-9 DOTTED, 6" WIDE, FOR CONCRETE SURFACES</p>
----------------------	--	--

0713103281 PERMANENT TAPE, YELLOW, 10-30 SKIP, 6" WIDE, FOR CONCRETE SURFACES

0713103341 PERMANENT TAPE, BLACK, 6-10 DOTTED EXTENSION, 6" FOR CONCRETE SURFACES

0713103371 PERMANENT TAPE, BLACK, 3-9 DOTTED, 6" WIDE, FOR CONCRETE SURFACES

0713103373 PERMANENT TAPE, BLACK, 3-9 DOTTED, 12" WIDE, FOR CONCRETE SURFACES

0713103381 PERMANENT TAPE, BLACK, 10-30 SKIP, 6" WIDE, FOR CONCRETE SURFACES

0715 11112 LUMINAIRE, F&I, ROADWAY, HIGH MAST

FDOTConnect 10.12.00.00 Initial Release

FDOTConnect 10.12.00.00 September Release 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 10.12 versions of Bentley Connect Edition Applications. The changes listed below were made since the last maintenance release of the 10.11.00.00 version of the FDOT software. Please see FDOT Support Software Versions for FDOTConnect10.12

Application Changes

App Name	Files Updated	Notes
All FDOT Applications and Tools		Updated for FDOTConnect10.12 and Bentley Connect 10.12 version
Create File Tool	/Organization-Civil/FDOT/Apps/CreateFile/CreateFileORD.dll /Organization-Civil/FDOT/Apps/CreateFile/FDOT.CADD.Common.CreateFileGUI.dll /Organization-Civil/FDOT/Apps/CreateFile/FDOT.CADD.Common.dll /Organization-Civil/FDOT/Apps/CreateFile/FDOT.CADD.Standards.dll	Updated to new Florida Coordinate System entries Corrected spelling of Lafayette county
Pole Data Manager	/Organization-Civil/FDOT/Apps/PoleDataManager/FDOT.CADD.Bentley.Connect.dll /Organization-Civil/FDOT/Apps/PoleDataManager/LightPoleData.dll /Organization-Civil/FDOT/Apps/PoleDataManager/PoleDataManager.dll	Checks for un-committed changes before exiting form Model update all called when changes committed so changes would be visible even before exiting the form
Quantity Takeoff Manager	/Organization-Civil/FDOT/Apps/QuantityTakeoffManager/FDOT.CADD.Common.dll /Organization-Civil/FDOT/Apps/QuantityTakeoffManager/FDOT.CADD.Reports.dll /Organization-Civil/FDOT/Apps/QuantityTakeoffManager/MSCETakeoffManager.dll /Organization-Civil/FDOT/Apps/QuantityTakeoffManager/FDOT.CADD.Bentley.Connect.dll	Added ability to process Extra Length property of Item Type Finished Project Specific Pay Items Modification Changed the way Quantity Totals are calculated. Now sums up already rounded quantity values as opposed to using raw values and rounding after totaling.
Summary Reports Manager	/Organization-Civil/FDOT/Apps/SummaryReportsManager/FDOT.CADD.Common.dll /Organization-Civil/FDOT/Apps/SummaryReportsManager/FDOT.CADD.Reports.dll /Organization-Civil/FDOT/Apps/SummaryReportsManager/SummaryReportsManager.exe /Organization-Civil/FDOT/Mdlapps/SummaryReportsManager.dll	Added ability for users to added Project Specific Pay Items to reports Added Admin Login for internal management Added ability to run as user from within ORD Enhanced Admin mode for both internal and external modes. Fixed issues with File Open Dialog Automatically opening and Open/Save locations. Added code to sort Pay Items on Save. Fixed issue with Report Header Columns not being saved to ReportDefinitions.xml
Drainage Cell Builder	/Organization-Civil/FDOT/Mdlapps/BaseDrainageStructures.xlsx /Organization-Civil/FDOT/Mdlapps/DrainageCellBuilder.dll /Organization-Civil/FDOT/Mdlapps/FDOT.CADD.Standards.dll	Initial checkin of DrainageCellBuilder

Payitem Editor	<p>/Organization-Civil/FDOT/Apps/PayItemEditor/PayItemEditor.exe /Organization-Civil/FDOT/Apps/PayItemEditor/PayItemEditor.exe.config /Organization-Civil/FDOT/Mdlapps/PayItemEditor.dll /Organization-Civil/FDOT/Apps/PayItemEditor /Organization-Civil/FDOT/Apps/PayItemEditor/FDOT.CADD.Common.dll</p>	<p>Added ability to run as user from within ORD Enhanced Admin mode for both internal and external modes. Added Pay Item Editor Config File Switched Build type from Any CPU to x64 which is required to use FDOT.CADD.Common.dll As per CADD Support, I added code to do the following: Keep pay item list at location of last added item instead of resetting back to top. Allow the pay item to continue typing across the boxes instead of locking up at the end of each box. Default to Password on Admin Login Screen Add Close logic to "X" button Added code to scroll down the DataGridView showing the newly added row.</p>
Geotechnical Tools	<p>/Organization-Civil/FDOT/Apps/GeotechnicalTools/FDOT.CADD.Bentley.Connect.dll /Organization-Civil/FDOT/Apps/GeotechnicalTools/FDOT.CADD.Common.dll /Organization-Civil/FDOT/Apps/GeotechnicalTools/MSGeotechnicalTools.dll /Organization-Civil/FDOT/Apps/GeotechnicalTools/MSGeotechnicalTools.pdb</p>	<p>Corrected form title from "Report of Coreborings" to "Report of Core Borings"</p>
MDLAPPS	<p>/Organization-Civil/FDOT/Mdlapps/FDOT.OnFileOpen.dll /Organization-Civil/FDOT/Mdlapps/FDOTLevelFiltersOff.dll /Organization-Civil/FDOT/Mdlapps/FDOTLevelFiltersOn.dll /Organization-Civil/FDOT/Mdlapps/FDOTSelectElementByID.dll /Organization-Civil/FDOT/Mdlapps/CADDtoGISLevels.dll /Organization-Civil/FDOT/mdlapps/FDOT.CADD.Common.dll</p>	<p>Corrected spelling of Lafayette county (FDOT.CADD.Common) Initial check-in (CADDtoGIS) View no longer rotates non-twist when element found (SelectElementByID) Removed FDOT_LEVELFILTERS from the Personal.ucf file and place it in the FDOT.cfg file Removed brackets and changed Workset Name to Workset (FileOpen and Filters) Added Model Name (FileOpen and Filters) Added "Delete Unused Fonts" to all dgnlib's and Cell Libs when file is closed. (FileOpen)</p>
Signals Tool	<p>/Organization-Civil/FDOT/Apps/Signals/Signals.dll</p>	<p>updated version to accommodate extra LF for conduit #104 - Freeform convert arc to conduit - there is a select button on the main form. Use this command button to start the arc to conduit conversion.</p>

Pavement Marking Tool	<p>/Organization-Civil/FDOT/Apps/Pavement Marking/PavementMarkingTool.ORD.dll</p> <p>/Organization-Civil/FDOT/Apps/Pavement Marking/PayItem Advanced Search Criteria/NoAlignmentAssociation.ecquery.xml</p> <p>/Organization-Civil/FDOT/Apps/Pavement Marking/PayItem Advanced Search Criteria/NoPayitemNumber.ecquery.xml</p> <p>/Organization-Civil/FDOT/Apps/Pavement Marking/PayItem Advanced Search Criteria/0706 1 3_RPM.ecquery.xml</p> <p>/Organization-Civil/FDOT/Apps/Pavement Marking/PayItem Advanced Search Criteria/0709 11131_2RC_Standard.ecquery.xml</p> <p>/Organization-Civil/FDOT/Apps/Pavement Marking/PayItem Advanced Search Criteria/0710 11123_12WhiteSolidCrosswalk.ecquery.xml</p> <p>/Organization-Civil/FDOT/Apps/Pavement Marking/PayItem Advanced Search Criteria/0710 11170_PaintedMessages.ecquery.xml</p> <p>/Organization-Civil/FDOT/Apps/Pavement Marking/PayItem Advanced Search Criteria/0711 14160_PaintedMessages.ecquery.xml</p> <p>/Organization-Civil/FDOT/Apps/Pavement Marking/PayItem Advanced Search Criteria/0711 14170_PaintedMessages.ecquery.xml</p>	<p>new search criteria added</p> <p>#213 Alignment Controls via Refs</p> <p>#246 Alignment Combo not working</p>
Geotechnical Tools	<p>/Organization-Civil/FDOT/Apps/GeotechnicalTools/ORDGeotechnicalTools.dll</p> <p>/Organization-Civil/FDOT/Apps/GeotechnicalTools/ORDGeotechnicalTools.pdb</p> <p>/Organization-Civil/FDOT/Apps/GeotechnicalTools/FDOT.CADD.Bentley.Connect.dll</p> <p>/Organization-Civil/FDOT/Apps/GeotechnicalTools/FDOT.CADD.Common.dll</p>	<p>Added ability to not group boreholes in 2d & 3d</p> <p>Fixed issue where boreholes intersected by multiple named boundaries only plotting labels on one cross section</p> <p>Fixed issue where labeler failed if there was no C:\temp folder on machine</p>
Place Cell Group	<p>/Organization-Civil/FDOT/Apps/PlaceCellGroup/PlaceCellGroupORD.dll</p>	<p>#150 - Alignment Controls not working on Refs</p> <p>#160 - Remove Conduit and Tool tabs.</p> <p>new version to test use custom cell</p>
Sign Tool	<p>/Organization-Civil/FDOT/Apps/SignTool/SettingsDefault.xml</p> <p>/Organization-Civil/FDOT/Apps/SignTool/FDOTORDSigns.dll</p>	<p>#504 - Pay item for PanelOnly</p> <p>#597 - Add Panel Order - auto selection of next panel based on last row clicked</p> <p>#721 - Oval shape on label is too big</p> <p>#754 - Move/Copy Sign assembly around curve does not update rotation</p> <p>Modified default user settings</p>
Plan Set Manager	<p>/Organization-Civil/FDOT/Apps/PlanSetManager/FDOT.CADD.Bentley.Connect.dll</p> <p>/Organization-Civil/FDOT/Apps/PlanSetManager/FDOT.CADD.Common.dll</p> <p>/Organization-Civil/FDOT/Apps/PlanSetManager/FDOT.CADD.Reports.dll</p> <p>/Organization-Civil/FDOT/Apps/PlanSetManager/PlanSetManager.dll</p> <p>/Organization-Civil/FDOT/Apps/PlanSetManager/PlanSetManager.dll.config</p> <p>/Organization-Civil/FDOT/Apps/PlanSetManager/PlanSetManager.pdb</p> <p>/Organization-Civil/FDOT/Apps/PlanSetManager/SheetInfo.dll</p> <p>/Organization-Civil/FDOT/Apps/PlanSetManager/SheetInfo.pdb</p>	<p>Added multiline SheetTitle & Project Name fields</p>
Drainage Outfall Tool	<p>/Organization-Civil/FDOT/Mdlapps/ExcelNumberFormat.dll</p> <p>/Organization-Civil/FDOT/Mdlapps/FDOTDrainageOutfall.dll</p>	<p>Added FDOT Drainage Outfall application.</p> <p>Added more error handling, and close button on dialog.</p>
Geotech Data Manager	<p>/Organization-Civil/FDOT/Apps/GeotechDataManager/GeotechDataManager.exe</p>	<p>updated to stop NaN in strata and added the ability to add custom strata</p>

Resource Changes

Resource Name	Files Updated	Notes
Seed Files	/Organization-Civil/FDOT/Seed/FDOT-OBM-KeySheetSeed.dgn /Organization-Civil/FDOT/Seed/FDOT-OBM-StructuresSeed2d.dgn /Organization-Civil/FDOT/Seed/FDOT-OBM-StructuresSeed3d.dgn /Organization-Civil/FDOT/Seed/FDOT-OBM-StructuresSheetSeed3d.dgn /Organization-Civil/FDOT/Seed/FDOT-ORD-KeyMapSeed.dgn /Organization-Civil/FDOT/Seed/FDOT-ORD-RWseed.dgn /Organization-Civil/FDOT/Seed/FDOT-ORD-Seed2D.dgn /Organization-Civil/FDOT/Seed/FDOT-ORD-StructSeed2D.dgn /Organization-Civil/FDOT/Seed/FDOT-ORD-TypicalPackageSeed.dgn /Organization-Civil/FDOT/Seed/Sheets/FDOT Drawing Seed.dgn /Organization-Civil/FDOT/Seed/Sheets/FDOT Sheet Seed.dgn /Organization-Civil/FDOT/Seed/FDOT-ORD-TypicalPackageSeed.dgn	replace sheet border cell with PSM compatible border update key sheet models with plan set manager item types for project info Bridge Support: Turned on ACS plane lock, changed view 2 display style to illustration ignore lighting Revised Survey Settings\Linking Codes: Changed "Best Match Field Code Option" = "Match Start", Changed "Linear Feature Force Curves to Line String" = "True". Turn on ACS Triad Check UOR's, changed solids area to 10, reduced view 1 size Replaced existing borders with multi-line sheet title & project name (structures) cels Changed Square Meters to Square Yards Set Text Font and Style to FDOT reset ACS in View 4, per Bentley Workspace Audit Change Meters to Survey Feet Replaced borders to use lower right margin plot stamp Changed FDOT (Small) text style line length to 360 characters to prevent wrapping setting Civil Formatting for Drainage Results Settings based on Bentley ORD and DU Assessment recommendations set decimal precision to 8 - per ORD Assessment recommendation set all UOR solids to 10
GUI DGNLIBs	/Organization-Civil/FDOT/Dgnlib/GUI/FDOT_AUTOTURN_RIBBON_TAB.dgnlib /Organization-Civil/FDOT/Dgnlib/GUI/FDOT_GUIDESIGN_RIBBON_TAB.dgnlib /Organization-Civil/FDOT/Dgnlib/GUI/FDOT_MSCE_RIBBON_TAB.dgnlib /Organization-Civil/FDOT/Dgnlib/GUI/FDOT_OBM_RIBBON_TAB.dgnlib /Organization-Civil/FDOT/Dgnlib/GUI/FDOT_PROSTRUCTURES.dgnlib /Organization-Civil/FDOT/Dgnlib/GUI/FDOT_RIBBON_TAB.dgnlib /Organization-Civil/FDOT/Dgnlib/GUI/FDOTtoolboxes.dgnlib	under Help, removed link to Cherwell portal revised geotech menu item name to "Report of Core Borings" from "Report of Borings" added Web Link for NOAA POINT PRECIPITATION FREQUENCY ESTIMATES Change UOR's to 304800, changed solids area to 10 add button to Quantities group for Pay Item Editor and Summary Reports Manager adding FDOT tab to Drainage workflow adding new buttons for Drainage applications update "Label Shapes with Area" button

Configuration Files

/Organization-Civil/FDOT.cfg
/Organization-Civil/FDOT_Bridge.cfg
/Organization-Civil/FDOT_MicroStation.cfg
/Organization-Civil/FDOT_PS_Standards.cfg
/Organization-Civil/FDOT_Roadway.cfg
/WorkspaceSetup.cfg

Modified variable MS_PLT_ENGINE_CMDLINE_ARGS (ALL)
Added MS_PLT_ENGINE_CMDLINE_ARGS = -
WSFDOT_ORD_APP=1 -WKFDOT (FDOT.CFG)
Bridge Support: Added ConnectorAngleLibrary
(FDOT_BRIDGE.CFG)
Fix MS_VBAUTOLOADPROJECTS variable (FDOT.CFG)
MS_COMPRESS_OPTIONS (FDOT.CFG)
Revised to Super elevation rule file per Bentley input
(FDOT.CFG)
Remove duplicate variables (FDOT.CFG)
Rearranged FDOT_LEVELFILTERS variable (FDOT.CFG)
Added MS_PERSONALDGNLIBSEED variable to default the
new custom pop-up menu for OBM (FDOT_BRIDGE.CFG)
Add _USTN_CELLPLACEMENTPERFORMANCE = True
(FDOT.CFG)
Combined FDOTWorkspaceSetup.cfg and
WorkspaceSetup.cfg files
set MS_REF_DEFAULTSETTINGS to Interactive placement
(FDOT.CFG)
revise SUDA_SEED_FILE location to reflect merged
Drainage and Utilities dgnlib files (FDOT_ROADWAY.CFG)
updating CIVIL_CONTENTMANAGEMENTDGNLIBLIST and
MS_DGNLIBLIST_ELEMENTTEMPLATES variables to merged
FDOT_Drainage_And_Uilities.dgnlib file
(FDOT_ROADWAY.CFG)
updating variables to account for merged Text Styles,
Dimension Styles, Text Favorites and Civil Labels into
FDOT_Standards_Features.dgnlib (FDOT.CFG and
FDOT_ROADWAY.CFG)
updating MS_DGNLIBLIST_ITEMTYPES and MSDGNLIBLIST
to FDOT_Drainage_And_Uilities.dgnlib (FDOT.CFG)
updating variable paths to
FDOT_Standards_Features_Labels_Text_Dimensions.dgnlib
from FDOT_Standards_Features.dgnlib
updating variable paths from FDOT_SUE* to
FDOT_Drainage_And_Uilities.dgnlib (ALL)
updated MS_DGNLIBLIST,
CIVIL_CONTENTMANAGEMENTDGNLIBLIST,
MS_DGNLIBLIST_DRAWINGSEEDS, and
MS_DGNLIBLIST_LEVELS to pull in OBM resources
(FDOT_MICROSTATION.CFG)

<p>Cell Libraries</p>	<p>/Organization-Civil/FDOT/Cell/Landscape.cel /Organization-Civil/FDOT/Cell/Lighting.cel /Organization-Civil/FDOT/Cell/Mastarms.cel /Organization-Civil/FDOT/Cell/Mutcd.cel /Organization-Civil/FDOT/Cell/OpenBridgeModeler.Drawings.cel /Organization-Civil/FDOT/Cell/PavementMarkings.cel /Organization-Civil/FDOT/Cell/Photogrammetry.cel /Organization-Civil/FDOT/Cell/ProfOfRecord.cel /Organization-Civil/FDOT/Cell/Profile Annotation.cel /Organization-Civil/FDOT/Cell/Roadway.cel /Organization-Civil/FDOT/Cell/Seals.cel /Organization-Civil/FDOT/Cell/ftpsigns.cel /Organization-Civil/FDOT/Cell/geotech.cel /Organization-Civil/FDOT/Cell/its.cel /Organization-Civil/FDOT/Cell/row.cel /Organization-Civil/FDOT/Cell/DetailSymbols.cel /Organization-Civil/FDOT/Cell/alphabet.cel /Organization-Civil/FDOT/Cell/arrows.cel /Organization-Civil/FDOT/Cell/Sheets.cel /Organization-Civil/FDOT/Cell/Signalization.cel /Organization-Civil/FDOT/Cell/SUDA_LABELS.cel /Organization-Civil/FDOT/Cell/SignalPoles.cel /Organization-Civil/FDOT/Cell/Signalization.cel /Organization-Civil/FDOT/Cell/Structures2D.cel /Organization-Civil/FDOT/Cell/Structures2Dpatterns.cel /Organization-Civil/FDOT/Cell/Structures3D.cel /Organization-Civil/FDOT/Cell/StructuresDataTables.cel /Organization-Civil/FDOT/Cell/Survey.cel /Organization-Civil/FDOT/Cell/TollPlaza.cel /Organization-Civil/FDOT/Cell/TrafficControlPlans.cel /Organization-Civil/FDOT/Cell/TrafficControlTypicals.cel /Organization-Civil/FDOT/Cell/Utilities3D.cel /Organization-Civil/FDOT/Cell/XMSuperSection.cel /Organization-Civil/FDOT/Cell/XS_Slopes.cel /Organization-Civil/FDOT/Cell/tplabels.cel /Organization-Civil/FDOT/Cell/uhtm3d.dgn /Organization-Civil/FDOT/Cell/utilities.cel /Organization-Civil/FDOT/Cell/xsections.cel</p>	<p>updated cell sizes (Signalization) Completed changes to Key Sheets requested by Paul Hiers by removing text: A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT (Sheets) Removed obsolete cells - SHBrgHydOpt, SHBrgHydStd, SHBrgHydStrOpt, SHBrgHydStrStd (Sheets) Updated all component key sheets to FDM 900 Series standards (Sheets) Turn on ACS Triad Check UOR's Removed Can be placed as cell assignment (FTPSigns) Adding expanded its cell file (ITS) Added multi-line fields for sheet title and project name(structures) to the borders Enabled text wrapping or border fields (Sheets) Scale cells to be readable (ITS) Updated KNComponentsList for FDM 900 proposed changes (Roadway) Checked sheet cells against proposed FDM 900 changes (Sheets) Rename Model 0 to Default (All) Added temporary DrainageOutfall cell (Drainage) Moved plot stamp from left margin to lower right margin (Sheets) Changed FDOT (Small) text style line length to 360 characters to prevent wrapping (Sheets)</p>
-----------------------	---	---

Feature Definitions

/Organization-Civil/FDOT/Dgnlib/Feature Definitions/DrainageAndUtilities.cel
/Organization-Civil/FDOT/Dgnlib/Feature Definitions/FDOT_Item_Types.dgnlib
/Organization-Civil/FDOT/Dgnlib/Feature Definitions/FDOT_SUE_Drainage.dgnlib
/Organization-Civil/FDOT/Dgnlib/Feature Definitions/FDOT_SUE_Uilities.dgnlib
/Organization-Civil/FDOT/Dgnlib/Feature Definitions/FDOT_Site_Settings_Features_Annotations_Levels_Elem_Temp_Imperial.dgnlib
/Organization-Civil/FDOT/Dgnlib/Feature Definitions/FDOT_OBM_Standards_Features_Text Favorites_Labels_Tables.dgnlib
/Organization-Civil/FDOT/Dgnlib/Feature Definitions/FDOT_OBM_Standards_Features_Text Favorites_Labels_Tables.dgnlib
/Organization-Civil/FDOT/Dgnlib/Feature Definitions/FDOT_Text Favorites_Text Styles_Dimension Styles.dgnlib
/Organization-Civil/FDOT/Dgnlib/Feature Definitions/FDOT_Standards_Features.dgnlib
/Organization-Civil/FDOT/Dgnlib/Feature Definitions/FDOT_Item_Types.dgnlib

adjust spacing for profile annotation bearing label
Corrected CurbAndGutter item type to look to the correct worksheet in the lookup table. Corrected FenceGate item type to include space in the column name for Opening Size.
Fixed the Curve Lable LT entry which had the radius value incorrectly configured to display the length value.
Added following levels per Bridge Support

- DecorBearings(2D)
- DecorBearingSeats(2D)
- DecorBearingPlateorPad(2D)

o Upgraded file to 10.12
o Added text favorites: signature sheet - statement of responsibility, key sheet - structures EOR & FDOT PM
o Added table seeds: FSB Table of beam variables, FSB build up and deflection, FSB bearing pad
o Added new element templates, feature symbologies, & feature definitions for the following decorations: bearings, bearing seats, bearing plates
o Added text favorites and civil labels for alignment name and curve name
o Fixed pedestrian_railing_aluminum feature definition
o Renamed FDOT qty item types
o Added the default Bentley bridge specific item types
o Added text favorites: top of footing elevation, beam seat elevation, top of column elevation
updating Text Favorites attributes to turn on "Save Preview"
Removed "readonly" from FDOTSheetInfo/BridgeInfo itemtype properties
Added FDOTSheetInfo/MultiLineTitle itemtype
Added following itemtype properties to FDOTSheetInfo: SheetTitle_Top
SheetTitle_Bottom
Bridge_Project_Description_Top
Bridge_Project_Description_Bottom
Cleaned out extraneous Traffic Tools Item Types; Added in Survey Attributes > Survey Datum Attributes to coordinate with Survey.
Deleted unused fonts Corrected UOR's to 304800
Changed plan view civil label arrow heads from elevation to normal arrow head
Added approach slab table seed
Fixed ped railing steel feature symbology (did not have an element template set)
New dgnlib file from Bentley
set level to DimLines_dp for Dimension Styles
deleted Begin and End Project Key Sheet Dimension Styles
reset Dimension Styles to utilize ByLevel settings for Symbology

updated _PL_ELEMENT ELEVATION Text Favorite
Removed The Full path for the Annotation Definitions.
removed Plan Drawing Annotation Group "Plan Grid"
removed "on top" for XS slope annotation definitions
Change Bearing orientation to View readable=True
Deleted Unused Fonts
Added DrainageAttributes\DrainageOutfall itemtype
Corrected SingleSupport_ep level (1151) color to Red (3).
FDOTConnect10.12 updates
Deleted the following:
-Traffic Plans Feature Symbology & Definitions
-Traffic Control Element Templates, Symbology & Definitions
-MOT Features, Symbology & Element Templates
-Terrain Linear Features
update existing profile strip grade Text Favorite to read Active Surface
deleted item types
Based on Recommendations from Chuck Lawson, Bentley
- set Linear Feature Force Curves to Linestrings to "True" in Survey Settings
- deleted Existing Strip Grade Annotation Group
- added Existing Strip Grade Annotation Definition to Profile Annotation group
- update Survey Control_Point Element Template
- update Survey Settings Element Symbology
- update Survey Point Feature Symbology
Added level: BeamWetJoint_pm, color:111, weight:0, style:3, plotting:true
ORD Assessment Section 4 MS Resources
-Updated Terrain Model Element Templates, Source Feature Settings
-Updated Terrain Display Feature Symbologies, Set Default Element Templates
-Updated Corridor Feature Definitions, ORD Assessment set SlopesBreak_pm Feature Symbology for 3D Element Templates
updating Drainage and Utility labels and text favorites per Bentley's ORD DU Assessment
setting Civil Formatting for Drainage Results Settings based on Bentley DU Assessment recommendations
add "Traffic" folder for future labels
Added element template & feature symbology for wet joint
reverting TerrainModels Element Template colors
adding Materials to Element Templates
Updated feature definitions and element templates.
Combined Utilities and Drainage DGNLIBs.
restoring Annotation Groups

merged in Text Styles, Dimension Styles, Text Favorites and Civil Labels
updated Annotation Groups to remove file paths from Text Favorites fields
Level CGPOutfall added
renaming FDOT_Standards_Features.dgnlib to FDOT_Standards_Features_Labels_Text_Dimensions.dgnlib
o Added pick lists for existing structure and construction stages
o Added item types for existing structure and construction stages
o Renamed out of the box OBM item types to differentiate from FDOT item types
Copied a Text Favorite for Profile Horizontal Grid Axis annotation to create a new Profile Horizontal Grid Axis Drainage and modified the Annotation Group setting to show whole station labels on Drainage Profiles.
fix Bearing label Text Favorite for Alignment Plan annotation
Combined Drain3D.cel, drplan.cel, and Utilities3D.cel.
imported Drainage Attributes item types

<p>Template Libraries</p>	<p>/Organization-Civil/FDOT/Template Library/EmptyProject.itl /Organization-Civil/FDOT/Template Library/CIVIL FDOT ORD.itl</p>	<p>Completed update of FDM Exhibit name changes from 306-1->913-1 Reset Preferences Completed updates to existing curb templates and cross slope evaluation templates. Added Retaining Wall Updates folder to support MSE_RW Modeling Workflow Added the 900 Series Typical Sections, removed the 300 series Typical Sections Updated Curb Existing, Curb Existing (Stripping), Curb Existing (Stripping)EW to point to the Pavement Asphalt Existing feature definition for the horizontal feature constraint. Corrected the ShldrPaved_ex feature template mesh definition. updated incorrectly set parent component for LT_RWP_6:1_FILL component property in RuralSuperShoulder template Updated .itl based on Bentley Workspace Audit #10. Template Library -Standardized left and right Point Names with LT_ & RT_ prefixes -Assigned Feature Names to Template Points that were blank updating Point Names List per recommendations in Bentley ORD Workspace Assessment Modified the feature definition for Wall_Qty component on RW Permanent Coping to TemplateMiscellaneous Edited Curb template so that it only has 1 green point for both of these .itl files</p>
<p>Standards Data</p>	<p>/Organization-Civil/FDOT/StandardsData/CADDStandards.xml /Organization-Civil/FDOT/StandardsData/CADDStandardsLookup.xml /Organization-Civil/FDOT/StandardsData/PayitemDB.xml</p>	<p>added wire disconnect Added levels: (added to Structures rule) •DecorBearings(2D) •DecorBearingSeats(2D) •DecorBearingPlateorPad(2D) Added layer "SidewalkBrdg_pm" and added to structures rule Autodesk changes file sync, no change to CONNECT functionality. Added level: BeamWetJoint_pm, color:111, weight:0, style:3, plotting:true, structures rule added contrast messages for pavement Added contrast arrows for concrete surfaces added special foundation light poles added illuminated rpm and roundabout 12" striping</p>

Display Styles	/ Organization-Civil/FDOT/Dgnlib/Display Styles/FDOT_DetailingSymbolStyles.dgnlib / Organization-Civil/FDOT/Dgnlib/Display Styles/FDOT Display Styles.dgnlib	Added display rules for: existing structure, PE plan, dashed (hidden) substructure Added "FDOT Solid" and "FDOT Hidden" display styles back in Added display style for rebar detailing in ProConcrete Deleted unused fonts Corrected UOR's to 304800 Fixed names of display rules Modified display rule for existing structure to use new Existing Structure item type
Bridge Templates	/ Organization-Civil/FDOT/Bridge Templates/Parametric Cells/FDOT_Substructure_Parametric_Templates.dgn / Organization-Civil/FDOT/Bridge Templates/MaterialLibrary.xml / Organization-Civil/FDOT/Bridge Templates/templates.xml / Organization-Civil/FDOT/Bridge Templates/AuxLib.cel	Replaced with fresh cel library (old one had models with metric working units) Added median barrier templates for crowned deck Added new material for pedestrian curbs: Pay Item Numbers 0515 2211, 0515 2212, 0515 2213, 0515 2312, 0515 2313 Added new deck templates for thickened overhang bridges Updated constraints on End Bent with MSE Walls Parametric Cell Started End Bent with Wing Walls parametric cell Updated parameters of end bent cell Added parametric pier model that follows FDOT SDG 13.9-1 Corrected spacing in pay items. Added materials for the following pay items Florida I-BEAMs, Steel Piling and Bridge Deck Expansion Joint
Macros	/ Organization-Civil/FDOT/Macros/Snappable Toggle Readme.txt / Organization-Civil/FDOT/Macros/SnappableToggle.mvba / Organization-Civil/FDOT/Macros/ViewControlConfigurations.xml / Organization-Civil/FDOT/Macros/ViewSet Readme.txt / Organization-Civil/FDOT/Macros/ViewSet.mvba	New and Updated files from Bentley

Materials

/Organization-Civil/FDOT/Materials/materials.dgnlib
/Organization-Civil/FDOT/Materials/pattern
/Organization-Civil/FDOT/Materials/pattern/Granite03.jpg
/Organization-Civil/FDOT/Materials/pattern/Granite03_baseColor.png
/Organization-Civil/FDOT/Materials/pattern/Granite03_roughness.png
/Organization-Civil/FDOT/Materials/pattern/Limestone.jpg
/Organization-Civil/FDOT/Materials/pattern/Sandstone.jpg
/Organization-Civil/FDOT/Materials/pattern/Steel.jpg
/Organization-Civil/FDOT/Materials/pattern/Steel_galvanized.jpg
/Organization-Civil/FDOT/Materials/pattern/aggr_base_1.jpg
/Organization-Civil/FDOT/Materials/pattern/aggr_base_2.jpg
/Organization-Civil/FDOT/Materials/pattern/aggr_base_2a.jpg
/Organization-Civil/FDOT/Materials/pattern/aggr_base_3.jpg
/Organization-Civil/FDOT/Materials/pattern/aggr_base_4.jpg
/Organization-Civil/FDOT/Materials/pattern/asphalt_base_course.jpg
/Organization-Civil/FDOT/Materials/pattern/asphalt_cold_milling.jpg
/Organization-Civil/FDOT/Materials/pattern/asphalt_leveling_binder.jpg
/Organization-Civil/FDOT/Materials/pattern/asphalt_shoulder.jpg
/Organization-Civil/FDOT/Materials/pattern/asphalt_top_course.jpg
/Organization-Civil/FDOT/Materials/pattern/brick24.jpg
/Organization-Civil/FDOT/Materials/pattern/concrete.jpg
/Organization-Civil/FDOT/Materials/pattern/concrete_barrier.jpg
/Organization-Civil/FDOT/Materials/pattern/concrete_curb_and_gutter.jpg
/Organization-Civil/FDOT/Materials/pattern/concrete_pavement.jpg
/Organization-Civil/FDOT/Materials/pattern/concrete_retaining_wall.jpg
/Organization-Civil/FDOT/Materials/pattern/concrete_retaining_wall_1.jpg
/Organization-Civil/FDOT/Materials/pattern/concrete_shoulder.jpg
/Organization-Civil/FDOT/Materials/pattern/concrete_sidewalk.jpg
/Organization-Civil/FDOT/Materials/pattern/earth_shoulder.jpg
/Organization-Civil/FDOT/Materials/pattern/existing_pavement.jpg
/Organization-Civil/FDOT/Materials/pattern/grass_areas.jpg
/Organization-Civil/FDOT/Materials/pattern/grass_areas_1.jpg
/Organization-Civil/FDOT/Materials/pattern/grass_areas_2.jpg
/Organization-Civil/FDOT/Materials/pattern/grass_burnt.jpg
/Organization-Civil/FDOT/Materials/pattern/grass_shoulder.jpg
/Organization-Civil/FDOT/Materials/pattern/riprap.jpg
/Organization-Civil/FDOT/Materials/pattern/rubber.jpg
/Organization-Civil/FDOT/Materials/pattern/rusty.jpg
/Organization-Civil/FDOT/Materials/pattern/topsoil.jpg
/Organization-Civil/FDOT/Materials/pattern/undergrading.jpg
/Organization-Civil/FDOT/Materials/pattern/water.jpg
/Organization-Civil/FDOT/Materials/pattern/wood.jpg
/Organization-Civil/FDOT/Materials/bump
/Organization-Civil/FDOT/Materials/bump/brick24b.jpg
/Organization-Civil/FDOT/Materials/bump/brush1.jpg
/Organization-Civil/FDOT/Materials/bump/concrete01.jpg
/Organization-Civil/FDOT/Materials/bump/concrete02.jpg
/Organization-Civil/FDOT/Materials/bump/grass_displacements.jpg
/Organization-Civil/FDOT/Materials/bump/noise.jpg

Updated files from Bentley

	<p> / Organization-Civil/FDOT/Materials/bump/noise02.tif / Organization-Civil/FDOT/Materials/bump/panel01.jpg / Organization-Civil/FDOT/Materials/bump/rough02.jpg / Organization-Civil/FDOT/Materials/bump / Organization-Civil/FDOT/Materials/pattern </p>	
Asset Manager	<p> / Organization-Civil/FDOT/Asset Manager/Asset Management Lookup.xlsx / Organization-Civil/FDOT/Asset Manager/AECMERGE.XML / Organization-Civil/FDOT/Asset Manager/SummaryReportDefinitions.xml / Organization-Civil/FDOT/Asset Manager/Asset Management Lookup.xlsx </p>	<p> Added Survey lookup info for coordination with Survey Complete update to match all current, active pay items in BOE/DQE. Comprehensive list is documented in the BOE Export folder in svn. Additional payitems for Summary of Drainage, Lighting and Utility Adjustments Additional payitems for Summary of Lighting, Signing, Signalization and ITS Added secondary quantity columns. Added structures payitems to StrPayItem_LOOKUP </p>

Civil Cells	/ Organization-Civil/FDOT/Dgnlib/Civil Cells/FDOT_2D-Curb_Lines_And_Endings.dgnlib / Organization-Civil/FDOT/Dgnlib/Civil Cells/FDOT_2D-Directional_Median_Openings.dgnlib / Organization-Civil/FDOT/Dgnlib/Civil Cells/FDOT_2D-Driveways.dgnlib / Organization-Civil/FDOT/Dgnlib/Civil Cells/FDOT_2D-FDM_Exhibit_Lines.dgnlib / Organization-Civil/FDOT/Dgnlib/Civil Cells/FDOT_2D-Intersection_Details.dgnlib / Organization-Civil/FDOT/Dgnlib/Civil Cells/FDOT_2D-Ramp_Terminals.dgnlib / Organization-Civil/FDOT/Dgnlib/Civil Cells/FDOT_2D-Sidewalk_Curb_Ramps.dgnlib / Organization-Civil/FDOT/Dgnlib/Civil Cells/FDOT_3D-Bus_Turn_Out.dgnlib / Organization-Civil/FDOT/Dgnlib/Civil Cells/FDOT_3D-Intersection_Details.dgnlib / Organization-Civil/FDOT/Dgnlib/Civil Cells/FDOT_3D-Ponds.dgnlib / Organization-Civil/FDOT/Dgnlib/Civil Cells/FDOT_3D-Rural_Driveways.dgnlib / Organization-Civil/FDOT/Dgnlib/Civil Cells/FDOT_3D-Urban_Driveways.dgnlib	Deleted unused fonts Corrected UOR's to 304800
DGNLIBS	/ Organization-Civil/FDOT/Dgnlib/Print Styles/FDOT_PrintStyles.dgnlib / Organization-Civil/FDOT/Dgnlib/Design Standards/FDOT_DesignGeometricsCriteria.dgnlib / Organization-Civil/FDOT/Dgnlib/Color Books/gINT standard colors.dgnlib	Deleted unused fonts Corrected UOR's to 304800 changed solids area to 10
Sheet Seeds	/ Organization-Civil/FDOT/Dgnlib/Sheet Seeds_OBM/ElevationNamedBoundary.dgnlib / Organization-Civil/FDOT/Dgnlib/Sheet Seeds/11x17 BridgeHydraulicRecommendationNamedBoundary.dgnlib / Organization-Civil/FDOT/Dgnlib/Sheet Seeds/11x17 Plan Only Detail.dgnlib / Organization-Civil/FDOT/Dgnlib/Sheet Seeds/11x17 Pond Cross Section Named Boundary.dgnlib / Organization-Civil/FDOT/Dgnlib/Sheet Seeds/PlanProfileXS Named Boundary Seeds.dgnlib / Organization-Civil/FDOT/Dgnlib/Sheet Seeds/8.5x11 ROW Parcel Sketch Named Boundary.dgnlib / Organization-Civil/FDOT/Dgnlib/Sheet Seeds/8.5x14 ROW Parcel Sketch Named Boundary.dgnlib / Organization-Civil/FDOT/Dgnlib/Sheet Seeds/PlanProfileXS Named Boundary Seeds.dgnlib / Organization-Civil/FDOT/Dgnlib/Sheet Seeds/ROW Control Plan Named Boundary.dgnlib / Organization-Civil/FDOT/Dgnlib/Sheet Seeds/ROW Maintenance Plan Named Boundary.dgnlib / Organization-Civil/FDOT/Dgnlib/Sheet Seeds/ROW Plan Named Boundary.dgnlib / Organization-Civil/FDOT/Dgnlib/Sheet Seeds_OBM/PlanNamedBoundary.dgnlib / Organization-Civil/FDOT/Dgnlib/Sheet Seeds_OBM/PlanOverElevationNamedBoundary.dgnlib / Organization-Civil/FDOT/Dgnlib/Sheet Seeds/11x17 Plan Only Detail.dgnlib / Organization-Civil/FDOT/Dgnlib/Sheet Seeds/11x17 Pond Cross Section Named Boundary.dgnlib / Organization-Civil/FDOT/Dgnlib/Sheet Seeds/PlanProfileXS Named Boundary Seeds.dgnlib	updated with recommendations from Bentley - set UOR solids to 10 in each model - set Clip Volume Settings to Wireframe for XS - set Presentation Settings to Wireframe for XS - set decimal precision to 8 in Sheet models - disabled "Use View Flags" in Drawing models for Plan - enabled "Clip Volume" View Attribute in Drawing models for Plan - turned off "Constructions" View Attribute in Sheet models • PlanOverElevationNamedBoundary.dgnlib o Replaced previous named boundaries with size based ones: 15", 14", 13", 12", & 11" wide boundaries • PlanNamedBoundary.dgnlib o Replaced previous named boundaries with size based ones: 15", 14", 13", 12", & 11" wide boundaries update seed files with updated border and sheet description cells update various models to match standard UOR update with revised Sheet Title cell o Renamed named boundaries and added more sizes
Preference Seeds	/ Organization-Civil/FDOT/Preference Seeds/FDOT.RibbonState_Seed.xml / Organization-Civil/FDOT/Preference Seeds/FDOT.docking_Seed.xml / Organization-Civil/FDOT/Preference Seeds/FDOT.explorer-settings.xml / Organization-Civil/FDOT/Preference Seeds/FDOT_Preferences.spf / Organization-Civil/FDOT/Preference Seeds/FDOT_OBM_PopupMenu.dgnlib	This is a new file to the workspace (OBM). It is the default seed file for the pop-up menu Change UOR's to 304800, changed solids area to 10, reduced view 1 size updated with recommendations from Bentley - docked Snap Mode toolbar - adjust mouse wheel zoom ratio and navigate distance - enabled Anti-alias Lines

		- enabled Item Type Propagation also disabled Sheet Index tab within Explorer
Sight Visibility	/Organization-Civil/FDOT/Sight Visibility/Sight Visibility Tables and Equations Imperial.xml	New XML file from Bentley
Text Favorites	/Organization-Civil/FDOT/Fonts/FavoriteSymbols.xml	Added Text Favorites per Bentley Recommendation
Data Templates	/Organization-Civil/FDOT/Data Templates/Geotechnical/GeotechDataSheetTemplate.xlsx /Organization-Civil/FDOT/Data Templates/Structures/eng_data/STR_StandardDataTables.xlsx	Added approach slab table Made AASHTO & USGS cells editable Added 2011 GCS systems
Item Types	/Organization-Civil/FDOT/Dgnlib/Item Types /Organization-Civil/FDOT/Dgnlib/Item Types/Civil Item Type Priority.json	Added .json file
Line Styles	/Organization-Civil/FDOT/Dgnlib/Line Styles/DGN Creation Drawings/FDOT Pavt Markings.dgn /Organization-Civil/FDOT/Dgnlib/Line Styles/DGN Creation Drawings/Pavt Markings - Imperial.dgn /Organization-Civil/FDOT/Dgnlib/Line Styles/FDOT Pavt Markings.dgn /Organization-Civil/FDOT/Dgnlib/Line Styles/FDOT_3D-Pavement Marking.rsc	Updated vertical elevation of pavement stripes to appear above pavement in super elevation Renamed to different name than default bentley DGN
Worksets Configuration	/Workspaces/FDOT/WorkSets/0_WORKSET_TEMPLATE.cfg	added variable for workset specific element templates MS_DGNLIBLIST_ELEMENTTEMPLATES > \$_USTN_WORKSETSTANDARDS)Dgnlib/Feature Definitions/*.dgnlib
Plotting	/Organization-Civil/FDOT/Plotting/Color_FDTPDF.pltcfg /Organization-Civil/FDOT/Plotting/FDTPDF.pltcfg	turned On "Enable Optional Content," "Enable Measuring," and "Enable Georeferencing"

