



FDOTConnect2023 – August 2024 Release Notes

FDOTConnect2023 Initial Release

FDOTConnect2023 August 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 since the FDOTConnect10.12.02.00 maintenance release. The changes listed below were made since the June 2024 maintenance release.

Application Changes

App Name	Files Updated	Notes
Workspace Doctor	/Organization-Civil/FDOT/Apps/WorkspaceDoctor/WorkspaceDoctor.exe /Organization-Civil/FDOT/Apps/WorkspaceDoctor/Images/Workspace Doctor.jpg /Organization-Civil/FDOT/Apps/WorkspaceDoctor/FDOTConfiguration.exe	Corrected misplaced end if Delete only the 2023 user preferences Modified user interface Added Bentley View to the setup Added Bentley View to the cleanup utilities Added the Configure Button back to the UI
Remove Missing References	/Organization-Civil/FDOT/Mdlapps/FDOTRemoveMissingRef.dll	First check-in, App to remove missing reference files from Design files. Is meant to be discipline specific. Key-In for Ribbon MDL Load FDOTRemoveMissingRef Updated Display flags
Geotechnical Tools	/Organization-Civil/FDOT/Apps/GeotechnicalTools/Bentley.Interop.MicroStationDGN.dll /Organization-Civil/FDOT/Apps/GeotechnicalTools/FDOT.CADD.Bentley.Connect.dll /Organization-Civil/FDOT/Apps/GeotechnicalTools/FDOT.CADD.Common.dll /Organization-Civil/FDOT/Apps/GeotechnicalTools/ORDGeotechnicalTools.dll /Organization-Civil/FDOT/Apps/GeotechnicalTools/ORDGeotechnicalTools.dll.config /Organization-Civil/FDOT/Apps/GeotechnicalTools/MSGeotechnicalTools.dll /Organization-Civil/FDOT/Apps/GeotechnicalTools/MSGeotechnicalTools.dll.config /Organization-Civil/FDOT/Apps/GeotechnicalTools/MSGeotechnicalTools.pdb	Added Soil Legend and updated libraries Add command "ORDGeotechnicalTools RemoveLabels" to remove Geotechnical labels from xsection drawing models. Watertable date label shortened to show only date, no time Fixed Report of Core Borings is no soiltype entered for strata Fixed XSection labeler creating extra labels if reference file contains element ids the match a borehole id in active file Fixed issue with duplicate itemtype properties being created with multiple runs 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).

FDOT FileOpen	/Organization-Civil/FDOT/Mdlapps/FDOT.OnFileOpen.dll	prevent users from opening files in the O_Workspace_Template folder Prevent users from opening files using the O_Workspace_Template Workset Modified the O_Workset_Template warning note added "delete unused fonts" Modified for PWExplorer and ProjectWise
PayItem Editor	/Organization-Civil/FDOT/Apps/PayItemEditor/FDOT.CADD.Common.dll /Organization-Civil/FDOT/Apps/PayItemEditor/PayItemEditor.exe /Organization-Civil/FDOT/Apps/PayItemEditor/PayItemEditorCE.dll	Added PayItemEditorCE.dll to primary application directory. Updated for ProjectWise compatibly
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/Apps/SummaryReportsManager/SummaryReportsManagerCE.dll	Fixed issue with spaces in project workspace name. Updated for ProjectWise compatibly
QC Inspector	/Organization-Civil/FDOT/Apps/ustnQCInspector/CONNECTQCInspector.dll /Organization-Civil/FDOT/Apps/ustnQCInspector/CONNECTQCInspector.dll.config /Organization-Civil/FDOT/Apps/ustnQCInspector/FDOT.CADD.Bentley.Connect.dll /Organization-Civil/FDOT/Apps/ustnQCInspector/FDOT.CADD.Common.dll /Organization-Civil/FDOT/Apps/ustnQCInspector/FDOT.CADD.Standards.dll /Organization-Civil/FDOT/Apps/ustnQCInspector/QCReportData.dll	Updated to handle ProjectWise variables for Standards xml file location Recompiled for ProjectWise Fixed "Could not open file" error when c:\temp folder didn't exist.
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/SummaryReportsBuilder.exe /Organization-Civil/FDOT/Apps/QuantityTakeoffManager/FDOT.CADD.Bentley.Connect.dll	Updated file paths to be ProjectWise compatible Recompiled to implement changes to fix drainage issue.
Sign Tool	/Organization-Civil/FDOT/Apps/SignTool/FDOTORDSigns.dll /Organization-Civil/FDOT/Apps/SignTool/SettingsDefault.xml /Organization-Civil/FDOT/Apps/SignTool/pwbridge.dll /Organization-Civil/FDOT/Apps/SignTool/pwbridge.net.dll /Organization-Civil/FDOT/Apps/SignTool/Fdot.Signs.xml	Revised per MUTCD additions and changes December 2023. Removed deleted panels and Added posts Address issues with sizes The program will run with or without Projectwise Explorer installed. It is expected though, that the user will launch ORD from a managed workspace via projectwise explorer or similar mechanism that also launches and downloads the workspace. The program will let the user work with or without the application configurations. These are the configs that can be used to pre-set the path and file locations on the settings tab. #FDOT_SIGNS_BROWSE_PATH = \$(CIVIL_ORGANIZATION_STANDARDS)Apps/SignTool/Sign Assemblies/ FDOT_SIGNS_PANELCELLS_PATH = \$(CIVIL_ORGANIZATION_STANDARDS)Cell/ FDOT_SIGNS_POSTCELLS_FILE = \$(CIVIL_ORGANIZATION_STANDARDS)Cell/PavementMarkings.cel #FDOT_SIGNS_GUIDESIGNS_FILE = \$(CIVIL_ORGANIZATION_STANDARDS)Cell/PavementMarkings.cel 1) Place Post Only Fix 2) Change Alignment Crash Fix 3) Shapes on Multiple Pay Items 4) Warning(W) Label Crash Fix 5) Label Justification and Cleanup Commands Removed

		<p>6) Save Xml Fixed</p> <p>7) Label Level Defaults</p>
Miscellaneous Tools	<p>/Organization-Civil/FDOT/Mdlapps/FDOT.OnFileOpen.dll</p> <p>/Organization-Civil/FDOT/Apps/CreateFile/CreateFileORD.dll</p> <p>/Organization-Civil/FDOT/Apps/CreateFile/FDOT.CADD.Common.CreateFileGUI.dll</p> <p>/Organization-Civil/FDOT/Apps/CreateFile/FDOT.CADD.Common.dll</p> <p>/Organization-Civil/FDOT/Apps/CreateFile/FDOT.CADD.Standards.dll</p> <p>/Organization-Civil/FDOT/Apps/Miscellaneous/FDOT.CADD.Standards.dll</p> <p>/Organization-Civil/FDOT/Apps/Miscellaneous/SurveyReferenceAttach.dll</p>	<p>Survey reference attach tool. Fixed issue where if the "default" model in the reference file does not exist it will crash. Now shows error message instead.</p> <p>Updated for ProjectWise variables</p>
Signals Tool	<p>/Organization-Civil/FDOT/Apps/Signals/Signals.dll</p>	<p>fixed issue with blown up conduit</p>
MDLAPPS	<p>/Organization-Civil/FDOT/Mdlapps/CoordinateSystemReporter.dll</p> <p>/Organization-Civil/FDOT/Mdlapps/ModelInfo.dll</p> <p>/Organization-Civil/FDOT/Mdlapps/ProjectSubmittalReferenceChecker.dll</p> <p>/Organization-Civil/FDOT/Mdlapps/DrainageCellBuilder.dll</p> <p>/Organization-Civil/FDOT/Dgnlib/GUI/FDOTtoolboxes.dgnlib</p> <p>/Organization-Civil/FDOT/Mdlapps/FDOTLabelArea.dll</p> <p>/Organization-Civil/FDOT/Mdlapps/FDOTLabelShape.dll</p> <p>/Organization-Civil/FDOT/Mdlapps/FDOTOpenFiles.dll</p> <p>/Organization-Civil/FDOT/Mdlapps/FDOTDrainageOutfall.dll</p> <p>/Organization-Civil/FDOT/Mdlapps/FDOTSetActiveAngle.dll</p> <p>/Organization-Civil/FDOT/Mdlapps/FDOTAllOnLevel.dll</p> <p>/Organization-Civil/FDOT/Dgnlib/GUI/FDOTtoolboxes.dgnlib</p>	<p>Initial checkin (Label Area and Label Shape)</p> <p>Replace the MVBA that selects All On Level</p> <p>Migrated to ORD2023 and works with ProjectWise</p> <p>Automatically attached 3d drainage grate cell library (drainage cell builder)</p> <p>Added check to be sure user is in a cell library to create drainage cells (drainage cell builder)</p> <p>Updated Code to fix Line Style extra data (Reference Checker)</p> <p>New functionality to set coordinate system from GCS. (Coordinate System and ModelInfo)</p> <p>Fixed issue with finding only missing line styles (Reference Checker)</p>
OBM Quantity Reports Converter	<p>/Organization-Civil/FDOT/Apps/OBMQuantityReportsConverter/FDOT.CADD.Common.dll</p> <p>/Organization-Civil/FDOT/Apps/OBMQuantityReportsConverter/FDOT.CADD.Reports.dll</p> <p>/Organization-Civil/FDOT/Apps/OBMQuantityReportsConverter/OBMQuantityReportsConverter.dll</p> <p>/Organization-Civil/FDOT/Apps/OBMQuantityReportsConverter/OBMQuantityReportsConverterData.dll</p> <p>/Organization-Civil/FDOT/Apps/OBMQuantityReportsConverter/ustation.dll</p>	<p>Updated file paths to be ProjectWise compatible</p>

Create File	/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	Updated for Projectwise compatibility
Pole Data Manager	/Organization-Civil/FDOT/Apps/PoleDataManager/LightPoleData.dll /Organization-Civil/FDOT/Apps/PoleDataManager/PoleDataManager.dll /Organization-Civil/FDOT/Apps/PoleDataManager/FDOT.CADD.Bentley.Connect.dll	Fixed issue where if light poles/load centers existed in other models causes crashes. Added Luminaire Angle property to application and report Added "(deg)" to column label for Luminaire Angle
BIM File Hasher	/Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/BIMCrypter_Template.xlsx /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/BIMValidatorReport_Template.xlsx /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/CADDStandards.xml /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/CADDStandardsLookup.xml /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/ClosedXML.dll /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/ClosedXML.pdb /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/ClosedXML.xml /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/DocumentFormat.OpenXml.dll /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/DocumentFormat.OpenXml.xml /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/EPPlus.dll /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/EPPlus.xml /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/ExcelNumberFormat.dll /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/ExcelNumberFormat.xml /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/FDOT.BIMCrypter.exe /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/FDOT.BIMCrypter.exe.config /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/FDOT.BIMCrypter.pdb /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/FDOT.BIMValidator.exe /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/FDOT.BIMValidator.exe.config /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/FDOT.BIMValidator.pdb /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/FDOT.CADD.Standards.dll /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/Hasher.dll /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/Hasher.pdb /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/Microsoft.IO.RecyclableMemoryStream.dll /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/Microsoft.IO.RecyclableMemoryStream.xml /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/System.ComponentModel.Annotations.dll /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/System.IO.FileSystem.Primitives.dll /Organization-Civil/FDOT/Apps/FDOTBIMFileHasherSuite/System.IO.Packaging.dll	Migrated to ORD2023 and added ProjectWise support
Summary Reports Builder	/Organization-Civil/FDOT/Apps/SummaryReportsBuilder/FDOT.CADD.Bentley.Connect.dll /Organization-Civil/FDOT/Apps/SummaryReportsBuilder/FDOT.CADD.Common.dll /Organization-Civil/FDOT/Apps/SummaryReportsBuilder/FDOT.CADD.Reports.dll /Organization-Civil/FDOT/Apps/SummaryReportsBuilder/SummaryReportsBuilder.exe	Updated for ProjectWise compatibility

DIQB	/Organization-Civil/FDOT/Apps/DesignerInterfaceQuantitiesBuilder/DIQB.exe /Organization-Civil/FDOT/Apps/DesignerInterfaceQuantitiesBuilder/FDOT.CADD.Bentley.Connect.dll /Organization-Civil/FDOT/Apps/DesignerInterfaceQuantitiesBuilder/FDOT.CADD.Common.dll /Organization-Civil/FDOT/Apps/DesignerInterfaceQuantitiesBuilder/FDOT.CADD.Reports.dll	Updated for ProjectWise compatibly
Rebar	/Organization-Civil/FDOT/Apps/Rebar/Rebar.exe /Organization-Civil/FDOT/Apps/Rebar/CONNECTRebar.dll	ConnectRebarv1.0.0.9 - Updated to be compatible with ProjectWise Rebar v1.31 - Changed the report so that it is functionally able to be imported into Connect. This includes Varies and this also breaks the ConnectRebar piece. Rebar v1.32 - Removed the merged column for No of Bars. Also, combined all of the text in the 2 VARY columns into their own cells. This could lead to some issues with the formatting being off since it's not managed by cell anymore.
PlanSet Manager	/Organization-Civil/FDOT/Apps/PlanSetManager/PlanSetManager.dll /Organization-Civil/FDOT/Apps/PlanSetManager/SheetInfo.dll /Organization-Civil/FDOT/Apps/PlanSetManager/System.Memory.dll /Organization-Civil/FDOT/Apps/PlanSetManager/System.ValueTuple.dll	Fixed issue where Bridge Drawing Checked By Date was not being propagated to the border

Resource Changes

Resource Name	Files Updated	Notes
Bridge Templates	/Organization-Civil/FDOT/Bridge Templates/MaterialLibrary.xml /Organization-Civil/FDOT/Bridge Templates/PierLib.xml /Organization-Civil/FDOT/Bridge Templates/GC /Organization-Civil/FDOT/Bridge Templates/GC/Example1.gcp /Organization-Civil/FDOT/Bridge Templates/GC/Example2.gcp /Organization-Civil/FDOT/Bridge Templates/templates.xml /Organization-Civil/FDOT/Bridge Templates/Parametric Cells/FDOT_Substructure_Parametric_Templates.dgn	Removed materials from the levels being used in the model Updated element templates to the ones using materials Updated thickened overhang templates Added new thickened overhang templates Disassociated from the testing workset to prevent pop up message each time it is used Added GC folder for default location to import GCP files Added new C-pier template Added The Following Pay Items: 0455 35 23 Steel Piling, 30" Dia. Pipe 0455 35 36 Steel Piling, 36" Dia. Pipe 0455 36 11 Concrete Cylinder Piling, 54" Diameter 0455 36 12 Concrete Cylinder Piling, 60" Diameter 0455 36 21 Concrete Cylinder Piling, 54" Diameter W/CRFP or SS Reinforcing 0455 36 22 Concrete Cylinder Piling, 60" Diameter W/CRFP or SS Reinforcing 0455137 Load Test (Dynamic), Data Collection and Analysis 0455137 2 Load Test (Dynamic), Verification Test 0455144 36 Test Piles - Steel, 36" Dia Pipe Removed the following pay item groups: 0455 344BB Prestressed Concrete Piling, Includes 100% Dynamic Testing 0455 352BB Steel Piling, with 100% Dynamic Load Testing Added 0521 6 AB Concrete Parapet and 0521 9 Opaque Visual Barrier pay items/materials. Added materials for: 0450 8 34 - Prestressed Beam: Florida Slab Beam, Beam Depth 18" Carbon Steel, Width 58-60" 0400 4 47 - Concrete Class IV, Cast in Place Topping with Shrinkage Reducing Admixture

Configuration Files	<p>/Organization-Civil/FDOT_MicroStation.cfg /Organization-Civil/FDOT_Bridge.cfg /WorkSpaceSetup.cfg /Organization-Civil/FDOT.cfg /Organization-Civil/FDOT_Roadway.cfg /Organization-Civil/FDOT_PS_Standards.cfg</p>	<p>Fixed the plotting conflict issue with OBM (PS) remove old drainage cell libraries from MS_CELLLIST and add DrainageAndUtilities.cel (Roadway) updating GuideSIGN variables to run latest 2024 8.2 version (FDOT) adding CONFIG VARIABLES FOR: MS_ADDINPATH > \$(CIVIL_ORGANIZATION_STANDARDS)Apps/PayItemEditor/ and MS_ADDINPATH > \$(CIVIL_ORGANIZATION_STANDARDS)Apps/SummaryReportsManager/ (FDOT) uncommented line 164 (FDOT) uncommenting MS_FONTCONFIGFILE = \$(CIVIL_ORGANIZATION_STANDARDS)fonts/MstnFontConfig.xml (FDOT) Adding Signalization cell web page (Roadway) added MS_CONFIGURATIONOPTS = DisallowCreatingWorkSpace to disable the ability to create other workspaces while within the FDOT software (Workspace) Added variables for ProjectWise compatibility (FDOT) updating AutoTURN variables to run latest 2024.12.0 version (FDOT) Removed variables for ProjectWise as they are not needed, variables are use by either workspace (FDOT) Removed "MY_" from MS_BSILOG_CONFIG_FILE=\$(MR_CIVIL_ORGANIZATION_ROOT)fdotlogs.config.xml (FDOT) Added _USTN_CELLPLACEMENTPERFORMANCE=true variable to improve cell placement speed (Bridge) Added ENG_DATA to FDOT_DataTemplates_Structures_EngData variable (FDOT) added MS_SUPPRESS_PRODUCT_BRANDING_PROMPT=1, Recommended to avoid suppress branding problems in iTwin Connectors by including this statement (Bridge) Added OBM_GCP_DIR variable to have default folder when importing gcp files when not connected to ProjectWise (Bridge) added supportline text hide variables, only activated the one to hide direction (bearing) (Bridge) Added ProStructures access button PS_ACCESSPSBUTTON to access full license of PS within OBM (Bridge) Added OBM_CROSSFRAME_2D_LINES_OFFSET_IMPERIAL to allow control of crossframe decoration offsets (Bridge) Added OBM_PLACE_DECORATION_IN_SEPARATE_2D_MODEL to keep modeling workflow the same as it has been for now (Bridge) update release date and version number (MS) add Preferences and Seed Files section from Roadway.cfg file (MS) update MS_GUIDGNLIBLIST Transoft dgnlibs to 2024 versions (MS) Assigned Plot driver (FDOT) Modified Plot Engine (PS) Added Signalization.cel (Roadway) Removed Engine Name PWC, This was not used (FDOT)</p>
DGNLIB Styles	<p>/Organization-Civil/FDOT/Dgnlib/Line Styles/FDOT Pavt Markings.dgn /Organization-Civil/FDOT/Dgnlib/Line Styles/DGN Creation Drawings/3D Linestyle Design.dgn /Organization-Civil/FDOT/Dgnlib/Line Styles/DGN Creation Drawings/FDOT Pavt Markings.dgn /Organization-Civil/FDOT/Dgnlib/Print Styles/FDOT_PrintStyles.dgnlib</p>	<p>set UOR solids to 10 set UOR to 304800 and 10</p>

Materials	/Organization-Civil/FDOT/Materials/materials.dgnlib	set UOR solids to 10
Seed Files	/Organization-Civil/FDOT/Seed/Sheets/FDOT Sheet Seed.dgn /Organization-Civil/FDOT/Seed/FDOT-OBM-StructuresSeed3d.dgn /Organization-Civil/FDOT/Seed/FDOT-OBM-StructuresSheetSeed3d.dgn /Organization-Civil/FDOT/Seed/FDOT-OBM-KeySheetSeed.dgn	updating match current FDM Key Sheet requirements Changed visible edge settings method from Fast to Exact Extended text field for EOR in structures seed
Cells	/Organization-Civil/FDOT/Cell/SUDA_LABELS.cel /Organization-Civil/FDOT/Cell/jpeg.pltcfg /Organization-Civil/FDOT/Cell/DrainageAndUtilities.cel /Organization-Civil/FDOT/Cell/its_expanded.htm /Organization-Civil/FDOT/Cell/Sheets.cel /Organization-Civil/FDOT/Cell/TypicalSection.cel /Organization-Civil/FDOT/Cell/Survey.cel /Organization-Civil/FDOT/Cell/Signalization.cel /Organization-Civil/FDOT/Cell/images/Signalization/*.jpg /Organization-Civil/FDOT/Cell/fdotcells_Roadway.htm /Organization-Civil/FDOT/Cell/signalization.htm /Organization-Civil/FDOT/Cell/images/ITS/*.jpg /Organization-Civil/FDOT/Cell/fdotcells_Roadway.htm /Organization-Civil/FDOT/Cell/its_expanded.htm /Organization-Civil/FDOT/Cell/Mutcd.cel /Organization-Civil/FDOT/Cell/StructuresDataTables.cel /Organization-Civil/FDOT/Cell/Structures2D.cel	updating to match current FDM Key Sheet requirements (Structures) updated 455-001 to match FY 24/25 Standard Plans Instructions (Structures Data Tables) MUTCD Complete update Added W-17 Shoulder Drop-Off (MUTCD) Adding ITS_Expanded cell web page (ITS) Adding Signalization cell web page (Signalization/Roadway) Add Pedestrian Detector cells (Signalization) Added WIFI_ep cell without a new level. (Survey) updating FDM typical section cells to match latest exhibits (Typical Section) Extended text field for EOR in structures seed (Sheets) Corrected font R3-5bP (MUTCD) changed ITS to its_expanded Added SUDA_LABELS (Drainage and Utilities)
Workset Template	/Workspaces/FDOT/WorkSets/0_WORKSET_TEMPLATE.cfg	Removed ProStructures Include statement Added %if \$(_ENGINE_NAME) == "ProStructures" %include \$(_USTN_WORKSETSTANDARDS)ProStructures/*.cfg %endif

<p>Asset Manager</p>	<p>/Organization-Civil/FDOT/Asset Manager/Asset Management Lookup.xlsx /Organization-Civil/FDOT/Asset Manager/SummaryReportDefinitions.xml /Organization-Civil/FDOT/Asset Manager/AECMERGE.XML /Organization-Civil/FDOT/Asset Manager/MasterSummaryReport.xlsx</p>	<p>Revised the formatting of the stationing columns AH and AI to a General format instead of the Custom Excel format to eliminate PDF errors on manually entered stationing. Added 6" & 8" contrast for concrete surfaces - active 1-17-24 Removed all references to GM2 and replaced with GM and associated formula. Moved 0546 72 1 Ground-In Rumble Strips 16" from Summary of Pavement to Summary of Signing & Pavement Marking, per BOE and Spec changes. Corrected computation methods 2D and 3D for 0286 2 Driveway Base-Asphalt to match 110 spread rate per clarification of spec and BOE. Removed "Conduits" parameter from compute method. Incorporated changes from BOE audit, recorded in CompareBOEtoAECM_07082024.xlsx in svn. Added The Following Pay Items: 0455 35 23 Steel Piling, 30" Dia. Pipe 0455 35 36 Steel Piling, 36" Dia. Pipe 0455 36 11 Concrete Cylinder Piling, 54" Diameter 0455 36 12 Concrete Cylinder Piling, 60" Diameter 0455 36 21 Concrete Cylinder Piling, 54" Diameter W/CRFP or SS Reinforcing 0455 36 22 Concrete Cylinder Piling, 60" Diameter W/CRFP or SS Reinforcing 0455137 Load Test (Dynamic), Data Collection and Analysis 0455137 2 Load Test (Dynamic), Verification Test 0455144 36 Test Piles - Steel, 36" Dia Pipe Removed the following pay item groups: 0455 344BB Prestressed Concrete Piling, Includes 100% Dynamic Testing 0455 352BB Steel Piling, with 100% Dynamic Load Testing Added 0639 3 AB pay items to the Summary of Lighting Items. Added 0521 6 AB Concrete Parapet pay items to the StrPayItem_LOOKUP. Adjusted compute methods for riprap rubble 0530-3-A to include appropriate formulas. Based on the following from the BOE/DQE: Design quantity is based on the following: $W = Vol.s \times S.G. \times Ww \times Vf$ W = Weight of Stone (lbs) Vol.s = Volume of Stone (ft3) S.G. = Specific Gravity =2.2 for Bank & Shore Protection (pay item number 0530 3 3) =1.9 for Ditch Lining (pay item number 0530 3 4) Ww = 62.4 lb/ft3 (1 MT/M3) Weight of Water Vf = .90 (Void Factor) NOTE: Divided by 2000 to convert weight (LB) to (TN). Added pay item info for: 0450 8 34 - Prestressed Beam: Florida Slab Beam, Beam Depth 18" Carbon Steel, Width 58-60" 0400 4 47 - Concrete Class IV, Cast in Place Topping with Shrinkage Reducing Admixture</p>
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Standards Data	<p>/Organization-Civil/FDOT/StandardsData/CADDStandards.xml /Organization-Civil/FDOT/StandardsData/CADDStandardsLookup.xml /Organization-Civil/FDOT/StandardsData/PayitemDB.xml</p>	<p>latest updated payitem database Moved RPTBRD.dgn from dsgnrd rule to geotech rule Changes WingWallConc_pm from color "5" to "6" Set wifi_ep to require bylevel for all symbologies Added new level "DecorAlignment" and included in Structures rule Added Geotech_0Water_em & Geotech_24Water_em levels for water elevation symbols Changed WiFi-ep to WiFi_ep levelname added Fiber Optic Locator plus an initial build of the database Added Blue/Blue pavement markings</p>
Feature Definitions	<p>/Organization-Civil/FDOT/Dgnlib/Feature Definitions/FDOT_OBM_Standards_Features_TextFavorites_Labels_Tables.dgnlib /Organization-Civil/FDOT/Dgnlib/Feature Definitions/FDOT_Standards_Features_Labels_Text_Dimensions.dgnlib</p>	<p>Added Features and Element Templates for WallPipeZones updating Microstation prompts for Civil Labels updating _XS_SLOPE Text Favorite Alternate Slope format to Ratio Rise:Run, to match XS Annotation updating profile annotation group for bridge hydraulic recommendation sheet Added labels for: (X,Y), (Northing, Easting), and (Station, Offset, Elev) Updated Plan Label instructions: Select Alignment, Select Point Target adding new vertical curve dimensioning to profile annotation as shown in workspace review from Bentley Added reinforcement bar list table with FT-IN-FR separated into different columns Added WIFI_ep, added WIFI feature, symbology, and element template. removed FDOT Signs text style, as was recommended from Bentley workspace review notes Added DecorAlignment structures level Updated Decoration Alignment element template to use new DecorAlignment level Added Lighting Civil Labels Edited WIFI feature and level description. updated point elevation Text Favorite property from Point Z to Point Surface Projected Elevation, for Roadway Plan Civil Labels. this property matches the elevation results as the Bentley Label Terrain Spots tool Added WiFi_ep Level to UTEXRD level filter. Added Pavement Marking Notes Corrected type 5 Right structure definition to point to a 2D cell Element Template. Updated to latest level standards for July 2024 release Added item types, and added item types to features, for bearings, wingwalls, cross frames, and tub girders. Added new item type data to raw report definition. Added item types for Dynamic Load Testing and Dynamic Load Testing Other, added to corresponding features, also added report definitions to include the new item types. Added Pull Box label setting element templates for all existing utility labels in xs annotation groups Added WiFi_ep to SURVRD and TOPORW level filters. Added Right of Way GIS category and GISROWLine features, symbology and element templates (4 of them) for interoperability. Attached Item types to all ROW parcel and GIS features. Change Load center and light pole updating civil label prompts for lighting labels Change Load center remove point offset annotation definitions from XS Annotation group. these are not required by the FDM</p>

Template Library	/Organization-Civil/FDOT/Template Library/CIVIL FDOT ORD.itl	Added Features and Roadway Templates for WallPipeZones
GUI	/Organization-Civil/FDOT/Dgnlib/GUI/FDOT_OBM_RIBBON_TAB.dgnlib /Organization-Civil/FDOT/Dgnlib/GUI/FDOT_RIBBON_TAB.dgnlib /Organization-Civil/FDOT/Dgnlib/GUI/FDOT_GUIDESIGN_RIBBON_TAB.dgnlib /Organization-Civil/FDOT/Dgnlib/GUI/FDOTtoolboxes.dgnlib	updating GuideSIGN icon to latest from install updated Summary Reports Manager and Pay Item Editor buttons to load new CE version dll files added button for "Remove Missing References" tool removed "Email CADD Support" from ribbon added new "Request CADD Support" links to ServiceNow pages for Internal and External users updating "Explore Directories" list to 2023 workspace removed CADD Gotomeeting link changed CADD Manual icon, to eliminate redundancy with other app on the ribbon Added Variable for Version path updating for AutoTURN and GuideSIGN latest 2024 versions updated broken links for FDOT Traffic Engineering Manual (TEM) and Web Links SHS removed Rebar Draw from the ribbon. Rebar program is being updated for a different workflow, no longer requiring this.
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 settings in drawing model and sheet models: Plan - synchronize design model, display overrides never. Elevation - synchronize design model, display overrides allow. Sheet model - display overrides = never
ProjectWise Configuration	/Workspaces/FDOT/_PWSetup /Workspaces/FDOT/_PWSetup/WorkAreaPWSetup_Predefined_FDOT_2323.cfg /Workspaces/FDOT/_PWSetup/WorkspacePWSetup_FindByExists_Predefined_FDOT_2023.cfg /Workspaces/FDOT/_PWSetup/WorkspacePWSetup_FindByNest_Predefined_FDOT_2023.cfg /Workspaces/FDOT/_PWSetup/WorkspacePWSetup_Predefined_FDOT_2023.cfg	First checkin of ProjectWise config files.
Preference Seeds	/Organization-Civil/FDOT/Preference Seeds/FDOT_OBM_PopupMenu.dgnlib	Added measure and other tools to pop-up menu
Plotting	/Organization-Civil/FDOT/Plotting/FDOT_COLORPDF.pltcfg	Renamed Plot driver