

Workspace Changes – Fall 2025 Release

Monday, April 21, 2025 1:24 PM

- Target Release Date - 11/7/25
 - Software Upgrades:
 - CONNECTION Client 2025 - Complete 7/11/25
 - ProjectWise Explorer 2023 - Complete 7/11/25
 - SignCAD 2025 - Complete 9/26/25
 - OpenRoads Designer 2024 update 2 - Complete 11/7/25
 - OpenBridge Designer 2024 update 2 - Complete 11/7/25
 - Ongoing issue tracking:
 - Cell scaling - investigating unitless cells, rescaling patterns for consistency.
 - Broken civil annotations, missing annotation point, or becoming disassociated.
 - Linetypes not rendering properly when using Geographic - Reprojected on a reference. Use Coincident whenever possible to alleviate.
- 4/14/25
 - [INDOT_Features_Annotations_Levels_ElemTempImperial.dgnlib](#) - Changed the Volume Option setting for the XS_TC_Existing and XS_TC_Ex Pavt feature definitions from Design to Unsuitable for more accurate representation of cut/fill quantities; created new levels and element templates to correspond with the XS_TC_HMA Base and XS_TC_HMA_Widen Surface feature definitions --> still need guidance on their symbology.
 - ProjectWise - Plan_Production Environment > STANDARD_SPEC_DATE attribute, added 2026 as an applicable selection.
- 4/16/25
 - [Current Indiana Statewide Imagery \(Tile Based\).xwmts](#) - Moved to pilot for CAD Peer Group, awaiting plotting testing results to move to full production and update documentation.
- 5/21/25
 - Adjusted AutoCAD ProjectWise application association to properly launch and load with OpenRoads Designer, allowing easier access to those files for conversion. NOTE: This will not load the ORD workspace, so files should be converted to .dgn if using with the workspace.
 - [WorkspacePWSetup_Predefined_INDOT_CE.cfg](#) - Modified #6-WORKSET STANDARDS to accurately reflect location of per-project Standards structure. Enables user provided dgnlibs, cells, etc. to be supplemented on a per-project basis as needed.
- 6/4/25
 - [IN_PE-LS-Stamps.cel](#) - Annual clean up
 - [IN_Patterns.cel](#) - Adjusting all models to have units and consistent pattern sizing. Ongoing effort.
- 6/10/25
 - Modifications to add level were made to [INDOT_Features_Annotations_Levels_ElemTempImperial.dgnlib](#)
 - Revised names to P_RDWY_Guardrail Left P_RDWY_Guardrail Right
 - Added levels for left and right to P_RDWY_Guardrail in order to turn off left and right 3d model guardrail from other P_RDWY_Guardrail elements.
 - The Element templates had the levels set to P_RDWY_Guardrail Left, P_RDWY_Guardrail Right

- Level set to orange color 6 from green.
 - Linestyle changed from 2 to 0
 - Cross section Annotation Groups for new Guardrail feature name
 - Removed Feature Definitions for P_RDWY_3D GR Left and Right
- ProjectWise - Plan_Production Environment > FUNC_CLASS attribute, added OTHER PRINCIPAL ARTERIAL as an applicable selection.
- ProjectWise - Plan_Production Environment > STANDARD_SPEC_DATE attribute, added 2028 as an applicable selection.
- Additional/separate modifications made to [INDOT Features Annotations Levels Elem Temp Imperial.dgnlib](#):
 - Changed the color of the E_TRAF_Pavement Marking level from color 46 to 0 (White).
 - Created new level, element template, feature symbology and feature definition for the purposes of generic proposed pavement marking symbols: P_TRAF_Pavement Marking.
- Modifications to [IN PvmtMarkings.cel](#):
 - Revised all pavement markings in the cell library to be either on the "E_TRAF_Pavement Marking" level or the "P_TRAF_Pavement Marking" level.
- 6/11/25
 - [IN InRoads.cel](#) -
 - Removed - graillt, grailltm, graillrt, graillrtm
 - Added - IN_Guardrail_L, IN_Guardrail_R
 - [INDOT Features Annotations Levels Elem Temp Imperial.dgnlib](#)
 - Updated Symbology for the following to point to appropriate Cross Section cells for Dynamic Sections
 - P_RDWY_Cable Barrier
 - RW_ExistingRW
 - RW_ProposedRW
 - RW_TemporaryRW
 - S_UTIL_Overhead Utility Line
 - S_UTIL_Ug-cable TV
 - S_UTIL_Ug-Elec
 - S_UTIL_Ug-Fiber Optic
 - S_UTIL_Ug-gas
 - S_UTIL_Ug-high pressure gas
 - S_UTIL_Ug-other
 - S_UTIL_Ug-petroleum
 - S_UTIL_Ug-sanitary sewer
 - S_UTIL_Ug-storm san sewer
 - S_UTIL_Ug-storm sewer
 - S_UTIL_Ug-Tel
 - S_UTIL_Ug-water
- 7/15/25
 - [Sheet Borders](#) - Adjusted Sheet DGNs title blocks for INDOT and Sheet Name to be consistent 18pt/Center-Center justified.
 - [Sheet Seeds](#) - Adjusted Sheet DGNs title blocks for INDOT and Sheet Name to be consistent 18pt/Center-Center justified.
 - [IN InRoads.cel](#) - Adjusted Sheet DGNs cells for Sheet Name to be consistent 18pt/Center-Center justified.
 - [IN TitleSheetIntegration.cel](#) - Adjusted Sheet DGNs cells for Sheet Name to be consistent 18pt/Center-Center justified.
 - [INDOT.cfg](#) - Will use SignCAD 2025 integration if available.

- 7/22/25
 - Removed Survey Book from the border of all ORD Sheet Seeds, consistent with all other sheets.
- 8/1/25
 - Workspace cutover to 2024r2 - All previous changes to date apply.
 - Note: Please see C:\ProgramData\Bentley\OpenRoads Designer 2024.00\Configuration\Organization-Civil\Workspace Updates - 2024.00.pdf for workspace changes incorporated in newest Bentley supplied workspace resources.
 - Incorporated all newest Bentley resources, these have been named Bentley_ where applicable
 - Added Bentley Deed Writer content and configuration, not configured for INDOT at this time
 - All content from Asset Manager has been moved to Dgnlib\Item Types
 - Combined Reports and Tables into a single folder, deleted existing folders.
 - Imported updated Fonts, moved font favorites to same folder, removed Preferences folder that previously contained these.
 - Added Overhead line content and configuration, not configured for INDOT at this time
 - Added Signal Sighting content and configuration, not configured for INDOT at this time
- 8/5/25
 - [INDOT Text Favorites Text Styles Dimension Styles Imperial.dgnlib](#) - Changed the Location Method to "Select Elements" for all INDOT Profile Labels (civil labels); Modified the S_STA_OFFSET_POINT_SURVEY FEATURE text favorite for the Survey Feature – Station Offset civil label to have the feature description pointing to the Point.Feature Description property--to replace the item type workaround implemented for ORD 23R1.
- 8/7/25
 - [INDOT Text Favorites Text Styles Dimension Styles Imperial.dgnlib](#) - Modified the S_POINT_DESCRIPTION (Bulk) and (Individual) text favorites to have their associated civil labels pointing to the Point.Feature Description property—thus removing the need for our item type workaround.
- 8/8/25
 - Modified the vertical line in the border of the Bridge Layout sheet seeds that separates the plan and profile section from the bridge information section. The line was originally a Construction element, and was changed to Primary such that it would plot.
- 8/12/25
 - [INDOT Text Favorites Text Styles Dimension Styles Imperial.dgnlib](#) - Modified the Graphics > Fit Options > Min. Leader setting from 2.0 to 1.5 for the Arch and Engr dimension styles; modified the Text > Dim With Leader > Leader Length setting to 0.9 for the Arch and Engr dimension styles.
- 8/14/25
 - [IN LineStyles.dgnlib](#) - Created a new line style named beSection for the purpose of representing right-of-way section lines. This is essentially a modified version of the beprprty line style with increased thickness and spacing between line segments.
 - [INDOT Features Annotations Levels Elem Temp Imperial.dgnlib](#) - Modified the RW_SectionLine level to have it displayed with the beSection line style; modified the corresponding RW_Section Line element template to have it displayed with a Transparency setting of 40 and Priority setting of –200.

- 8/19/25
 - [INDOT Features Annotations Levels Elem Temp Imperial.dgnlib](#) - In addition to applying the beSection linestyle to the ORD 24 workspace, have also applied these same changes to our current ORD 23R1 dev, testing, and production workspaces.
- 8/27/25
 - [INDOT Features Annotations Levels Elem Temp Imperial.dgnlib](#) - Created the following pavement-related levels, element templates, feature symbologies, and feature definitions for the workspace:
 - XS_TC_HMA_Appr_Base1
 - XS_TC_HMA_Appr_Base2
 - XS_TC_HMA_Appr_INT
 - XS_TC_HMA_Appr_Surface
 - XS_TC_HMA_Widen_Base1
 - XS_TC_HMA_Widen_Base2
 - XS_TC_HMA_Widen_INT
 - XS_TC_HMA_Widen_Surface
 - XS_TC_PCCP_Widen
- 9/5/25
 - [INDOT Features Annotations Levels Elem Temp Imperial.dgnlib](#) - Made the following changes to the existing pavement-related levels, element templates, feature symbologies, and feature definitions for the workspace. **NOTE:** The listed changes pertaining to the XS_TC_Existing and XS_TC_Ex Pavt components override the listed changes made on 4/14/25.
 - Created a new level, element template, feature symbology and feature definition to represent existing PCCP pavement (XS_TC_E_PCCP Pavement).
 - Created a new element template, feature symbology and feature definition to correspond with the XS_TC_E_HMA Pavement level.
 - Changed all existing pavement-related levels (with prefix of XS_TC_E) to have their line styles set to 2 (dashed) to distinguish them from proposed pavement components.
 - Removed the XS_TC_Existing level, element template, feature symbology and feature definition from their respective libraries.
 - Removed the XS_TC_Ex Pavt element template from the element template library.
 - [INDOTWise 5.2 ORD Plans Production.pdf](#) - Added Section 4.3-2c to document the INDOT Plan – Right of Way civil labels; removed the documentation of the process to create item types for civil labels, as this is no longer necessary as of ORD 2024 Update 2; updated screenshots showing the current selection of civil labels in each category.
- 9/23/25
 - [INDOT Features Annotations Levels Elem Temp Imperial.dgnlib](#) - Changed the Create Template Geometry setting for the Linear > Modeling > Linear > XS_TL_Curb Back Mid and Front Top feature definitions to True to provide the ability for these curb points to be used in conjunction with civil labels.
 - [INDOTWise 5.2 Technotes.pdf](#) - Added note to Section 4.5-1 regarding levels disappearing when using the Updated Standards from DGNLib process.
- 9/25/25
 - [D size sheets.dgn](#) - Updated border sheets/sheet seeds to blocks instead of linear elements combined. (Released for ORD 2023)
 - [Sheet Seeds](#) - Updated border sheets/sheet seeds to blocks instead of linear elements combined. (Released alongside ORD 2024)

- 10/14/25
 - [INDOT Features Annotations Levels Elem Temp Imperial.dgnlib](#)
 - Renames (Levels and Element Templates):
 - P_BR_Reinforcing Epoxy Coated #X Bar to P_BR_#XE Bar
 - P_BR_Plain #X Bar to P_BR_#X Bar
 - Removals (Levels, Element Templates, Features):
 - E_BR_Concrete Box Beam
 - E_BR_Concrete I-Beam
 - P_BR_Wall Landscaped
 - Added several new levels, element templates, feature symbologies, and feature definitions for various existing and proposed bridge features.
 - [IN BridgeRibbonGUI.dgnlib](#) - Added, INDOT Bridge Workflow UI with curated tool kit. (A. Schuler - Bridge SME)
- 10/17/25
 - [D size sheets.dgn](#) - Added UT_Subsurface Utility Engineering Sheet model.
- 10/20/25
 - [Sheet Borders](#) - Added text grids in all sheets where applicable in lower right.
 - [Sheet Seeds](#) - Added text grids in all sheets where applicable in lower right.
 - [D size sheets.dgn](#) - Added text grids in all sheets where applicable in lower right, adjust position of Bridge File in upper left block on BR_Title Sheets, Rehab and ROW
- 10/21/25
 - [IN InRoads.cel](#)
 - Removed the arrowhead from the pgarro cell that annotates the PG on cross sections.
 - Revised the IN_Guardrail_L and IN_Guardrail_R cells to give them accurate working units and to make their dimensions more accurate in accordance with INDOT Standard Drawings.
 - [INDOT Features Annotations Levels Elem Temp Imperial.dgnlib](#) - Removed the P_BR_Bridge Txt and P_BR_Piles Txt levels.
- 10/28/25
 - [IN Signs Construction.cel](#)
 - Modified the "WATCH FOR STOPPED TRAFFIC" sign to match the current FHWA specifications. Changed the code/cell name for this sign from XW103-1 to XW26-1.
 - Added the word "FOR" to the "RIGHT LANE EXIT ONLY" sign to match the current FHWA specifications. Changed the code/cell name for this sign from XW105-1 to XW9-7.
- 11/7/25
 - [DGN](#) - - Updated levels available in all seed files.
 - [ORD-Connect Seed](#) - Updated levels available in all seed files.