

January 2023 V10 Workspace Update

Cell Libraries

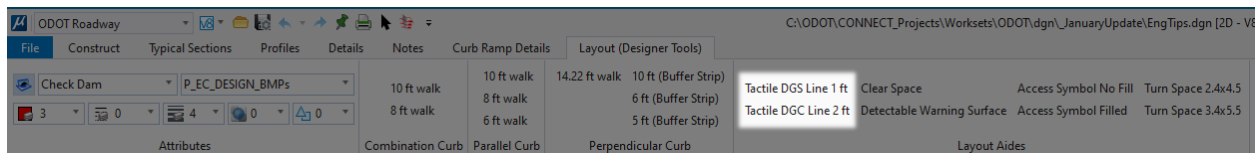
In **ODOT.cel** adjusted *PipeData_Legend* to accommodate changes to column widths made to *Pipe_2022.xlsx*.

In **TitleSheet.cel** the cells *COMMISS* and *COMMISS_811* were updated for the names of OTC Commissioners by replacing “Marcilynn Burke” with “Vacant”.

DGN Libraries

ODOTRibbon.dgnlib was modified so that the AutoTURN button on the *ODOT>Tools* ribbon workflow will launch and select either an AutoTURN or AutoTURN Pro tab, depending upon which flavor is installed (we use AutoTURN Pro at ODOT). This will correct the behavior at ODOT since we upgraded last July.

Placement of guide lines using two new custom line styles was added to *ODOT Roadway>Layout (Designer Tools)* in the *Layout Aides* group.



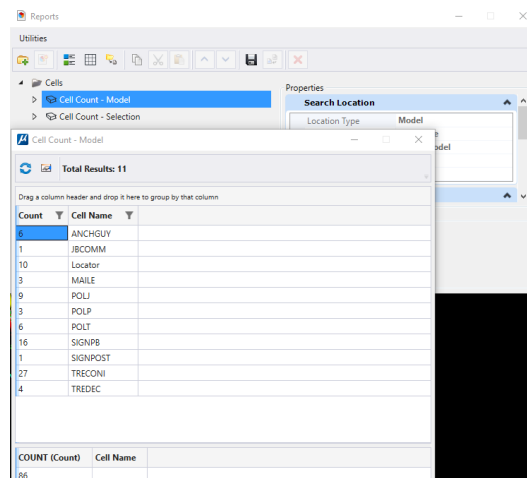
Modified **ODOT_Features_Annotations_Levels_Elem Temp.dgnlib** to remove four duplicate DNC feature symbologies.

Added the level *P_RDWY_ROAD_DectSurfaces* with symbology: red, solid line and weight of 2.

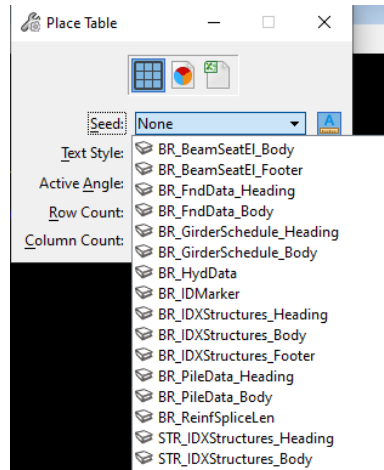
Added two element templates to the *Roadway>Details>Curb Ramps* group for the new custom line styles: *Tactile DGS Line_1* and *Tactile DGS Line_2*. These element templates will be automatically used when selecting the guide lines from the *ODOT Roadway>Layout (Designers Tools)* tab.

The two new custom line styles for guide lines: *Tactile DGS_1* and *Tactile DGS_2* are delivered in a new line style resource file **curbramps.rsc**.

Deployed **ODOT_Reports.dgnlib** to provide “Cell Count” reports from the *Drawing>Analyze* tab.



Two new table DGNLIBs (**0_ODOT_Tables.dgnlib** and **3_Bridge_Tables.dgnlib**) were added to provide table seeds for *ODOT_AccompByBox* and *ODOT_NotForConsBox*, and *BR_* tables.



ENGsystem

Configured **WorkspaceSetup.cfg** to create customized preferences for OpenSite Designer software when it is deployed. OpenSite Preference Seeds were added to the Workspace.

References

In **Cache_tse.dgn** updated the names of OTC Commissioners. On 11 x 17 title sheet, replaced “Marcilynn Burke” with “Vacant”. On 8.5 x 11 title sheet: Removed “Alando Simpson” & “Marcilynn Burke”. Revised to list Julie Brown as “VICE CHAIR”. Added “Lee Beyer” and “Vacant”.

Seed Files

Modified **Pipe_2022.xlsx**, to adjust font sizes and column/row widths for legibility. Added more instructions.

Changed name and location of DGN seed files to identify each with one specific CAD software. There are now three sub-folders: MicroStation, OpenRoads, and OpenSite – each containing the DGN seed files for that product.

Standards CFG

Modified **ODOT_Standards.cfg** to configure MicroStation, OpenRoads Designer and OpenSite Designer to each use a product-specific DGN seed file.

When using MicroStation CONNECT outside of ProjectWise, the New File button will set the seed file to `ODOT_Standards\Seed\MicroStation\MicroStation_Seed2D.dgn`.

When using OpenRoads Designer outside of ProjectWise, the New File button will set the seed file to `ODOT_Standards\Seed\OpenRoads\OpenRoads_Seed2D.dgn`.

When using OpenSite Designer outside of ProjectWise, the New File button will set the seed file to `ODOT_Standards\Seed\OpenSite\OpenSite_Seed3D.dgn` (Surveyors will be using OpenSite and terrains are created from a 3D seed).

December 2022 V10 Workspace Update

Cell Libraries

In **TitleSheet.cel** corrections were made to *SAFETY* and *SAFETY_811* to remove duplicate cells within cells.

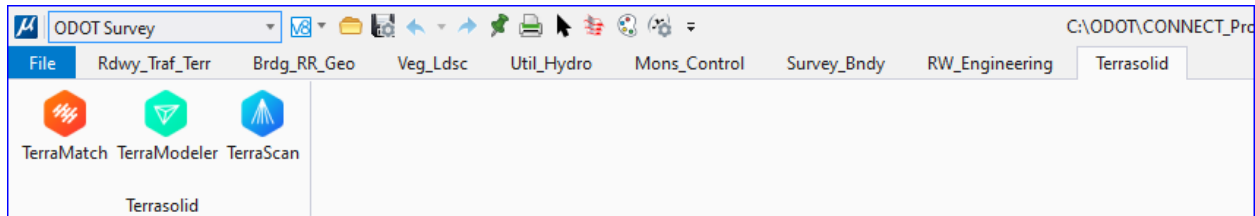
In **Bridge.cel** modified *T_Disclaimer*, *A_StrldxLoc*, and *D_Saw_Cut*. Added new cells *A_ProjectMulti*, *P_A_Woodgrain*.

The Subd. Block Number was too small, so the text size in the *rwcir-b* cell was increased from 0.00525 to 0.01 in **Bubble Cells – Survey Macros.cel**.

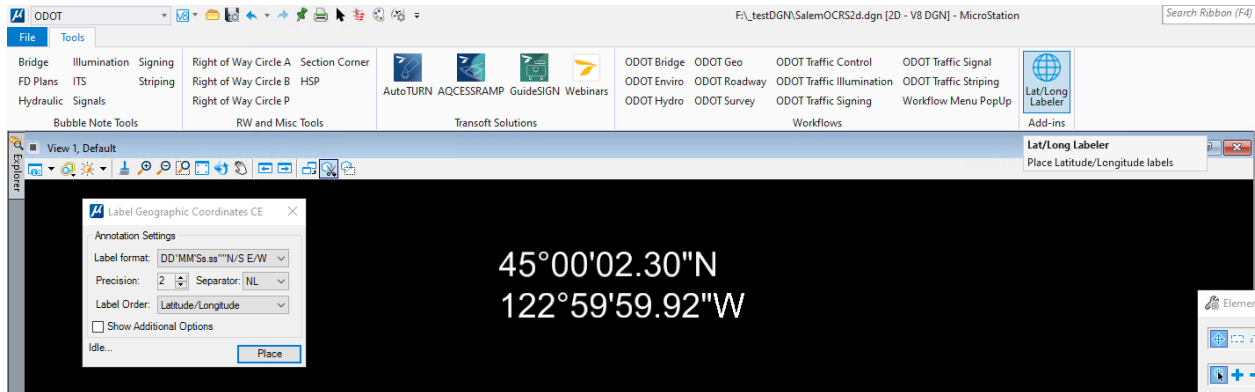
Added *PipeData_Legend* in **ODOT.cel** for use in Pipe Data Table sheets.

DGN Libraries

ODOTRibbon.dgnlib was modified to add a *Terrasolid* tab to *ODOT Survey* when Terrasolid is installed.



Modified the *ODOT>Tools* ribbon workflow to add a link to the Transoft *Webinars* if Transoft software is installed. Also added a *Lat/Long Labeler* to the Add-ins group.



Corrected *ODOT Traffic Signal>Signal Plans Symbology>Lane Sym & RW - Change>Skip/Solid Stripe* to point to the correct element template.

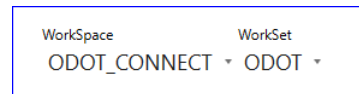
Modified **ODOT_Features_Annotations_Levels_Elem Temp.dgnlib**. Subd. Lot Number was too large, so changed element template text style from ODOT RW Slant 12 to ODOT RW Slant 10. A correction was made to the element template, *Existing_Triangles* to modify its General Settings to Levels = *E_TERR_DSPLAY_Ground* and *CO, LC, & WT* to *By Level* – this change was approved in June 2022. Modified all *-Arc* element templates for all geometry profiles that used *cl1_v8* as the by level line style; modified to use *LC=7* to display the vertical curve to prevent chording of the parabola in profile views.

Also, in **ODOT_Features_Annotations_Levels_Elem Temp.dgnlib**, made additions and modifications at the request of the ORD Standards Committee for corridor modeling and design work: new Levels, Linear Element Templates, Profile Element Templates, Feature Definitions, and Feature Symbologies. These changes provide the symbology and feature definitions for SubBase points and components that were added to the ODOT ORD Standard Template Library.

The *ODOT Ft-In* dimension style in **ODOT_Text Favorites_Text Styles_Dimension Styles.dgnlib** was modified to correct the dimension line gap when two long horizontal lines of text are used. Changed the Text tab | Format section | Lower Margin to 0.4.

Logon Script

Set the Workspace and WorkSet to ODOT_CONNECT and ODOT via environment variables to reduce chances of people opening DGN files and not having access to the ODOT ribbon workflows, custom line styles, cells, and text styles. Affects ODOT computers only.



References

In **Cache_tse.dgn** replaced cells *SAFETY* and *SAFETY_811* with corrected cells. Deleted duplicate cells *TITLESHTTBLOCK_SHTA01*, *LOGO_NORTH*, *SHTAXX_811*, and *INDEX1_811*. Removed the out-of-date cell *ARROWV*. Removed duplicate text, "Interstate", "US Route", and "ORE Route".

A new Bridge cache file was added – **Structure_cache.dgn**.

Removed five older pipe data table cache files. Archived the older Pipe Data Cache files to the Engineering Archives and removed: *Pipe_08.dgn*, *Pipe_10.dgn*, *Pipe_11.dgn*, *Pipe_2013.dgn*, and *Pipe_2014.dgn* from the V10 Workspace.

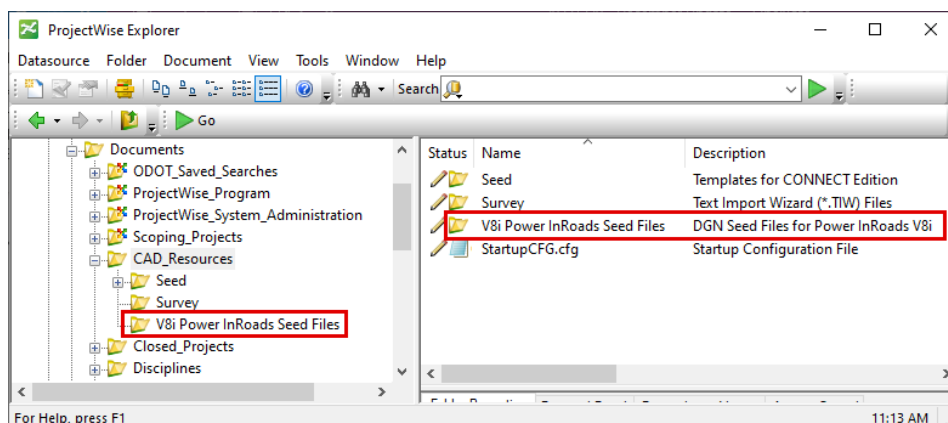
MDLAPPS

Added a Lat/Long Labeler tool for CONNECT Edition, **GeoLabelCE.dll**. Find it on the ODOT>Tools ribbon workflow in the Add-ins group.

Seed Files

A new file, **Pipe_2022.xlsx**, is now provided in the Seed folder (in the V10 Workspace and in ProjectWise CAD_Resources\Seed) for use in creating Pipe Data Table sheets. Removed the older, macro-enabled spreadsheet named *Pipe_2013.xlsm*.

In ProjectWise CAD_Resources, provided V8i seed files in a folder named, **V8i Power InRoads Seed Files**.



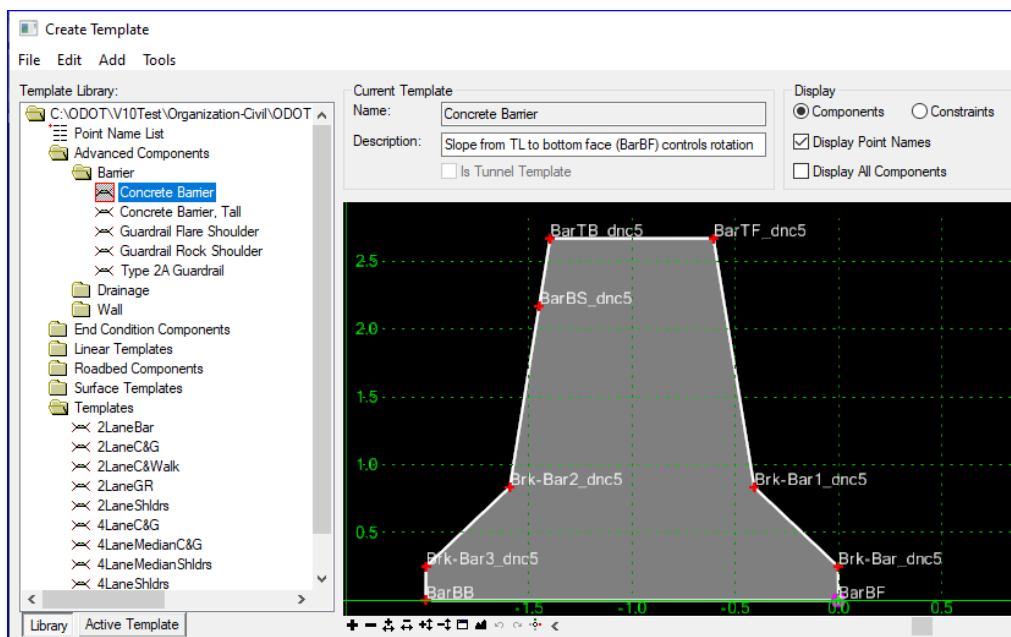
Standards CFG

Modified **ODOT_Standards.cfg** to configure Terrasolid to run even if CAD software is installed out of the correct sequence. Also modified to provide more idle time for Terrasolid processing when Terrasolid is launched from the ODOT Survey ribbon workflow in any CAD software.

Template Library

Many modifications to **ODOT_ORD_Seed.itl**. Added new points to the Point List for Crown Point - set to use new Linear/Roadway/Rdwy_Crown_P; and added Sub Base surface points - CL-SB, TL-SB, etc - set to use new Linear/Subgrade/RDWY-SubBase feature definition. Edited points for barrier (except for bottom points) and all guardrail post and block points to use "construction" feature definitions so they can be excluded from terrain graphical filters.

Added new Sub Base templates (components) in the Base folder: SubBase Wedge, SubBase Shoulder, SubBase Lane, SubBase Median using Mesh/Xsec/Mat-SubBase feature definition.



November 2022 V10 Workspace Update

Cell Libraries

TitleSheet.cel has updated commissioner names in *COMMISS* and *COMMISS_811*.

Signals.cel created an *Existing pole foundation* cell, similar to *Pole Fd 36*, with a 36 inch foundation and without the anchor rods shown.

DGN Libraries

Made changes to *ODOT Bridge* ribbon workflow in **ODOTRibbon.dgnlib** per discipline comments. Also added *Existing Pole Foundation* to the “*Pole Foundations & Mast Arms*”, and “*Signal Plans Scalable Items*” location in the *ODOT Traffic Signal* ribbon.

Data Files

Removed seven bubbles from *Signals Install > Poles* menu (SF, XS/PP and all XR/ bubbles).

Printer Driver Configuration Files

Disabled Georeferencing in four “odotsizes” PDF printer driver configuration files, so that the Adobe Geospatial Distance Tool is not used when measuring in a PDF. The change prevents projected distances from being shown by the Adobe Geospatial Distance Tool and results in real-world distance measurements.

References

In **Cache_tse.dgn** updated the cache to reflect *COMMISS* and *COMMISS_811* changes.

Civil Reports

Removed four older ORD Civil Report Browser style sheets that did not function correctly. Added five new *ODOT RW Description* custom style sheets to be used with **Legal Report** in OpenRoads Designer.

Standards CFG

ODOT_Standards.cfg was modified to load *TopoDOT.cfg* from *C:\TopoDOT\x64* if it is not already loaded from the *config\appl* folder.

Survey

Removed *.tew files, a .txt file and a folder containing notes. All unused items.