TDOT ORD WORKSPACE CONFIGURATION UPDATE SUMMARY (10.10.21.24_10.14.2022)

#	Category	Priority	Workspace File	Update	Software Version	Date	Fixed By
1	ROADWAY	LOW	**TDOT Guardrail.cel**	Fixed all **Earth Pad Type 21** and **Type 38** cells to align with the revised guardrail cell.	10.10.21.04	4/28/2022	JEM
2	ROADWAY	LOW	**Civil Templates-TDOT.ITL**	Removed superelevation flags from several shoulder points and an erroneous point in the TS-3 template.	10.10.21.04	4/29/2022	JEM
3	ROADWAY	LOW	**TDOT_Features_Annotations_Levels_Elem Temp.dgnlib**	Created a new feature symbology, element template and level (**DES - MODEL - Lines - Driveway Pavement Edge**) for the **Prop EOP - Driveway** feature definition, to differentiate it from the Prop EOP feature definition. Also updated level filters tied to the new level.	10.10.21.04	4/29/2022	JEM
4	SURVEY	LOW	**STDS_NON-TRUE.cel**	Re-added the **XUM** cell after it was erroneously not carried over into the latest cell library.	10.10.21.04	5/4/2022	DWM
5	ROADWAY	LOW	**TDOT_Dimension Styles_Text Favorites_Text Styles.dgnlib**	Re-added the **VA - Grid Horizontal Label - 1:1** and **VA - Grid Vertical Label - 1:1** text favorites after they were erroneously not carried over into the text favorites library. This was causing the 1:1 profile grid to not annotate with the stations or elevations.	10.10.21.04	5/13/2022	JEM
6	SUDA	LOW	**TDOT Drainage Features Defs.dgnlib**	Relinked cell path for existing CB, DI, and MH.	10.10.21.04	5/20/2022	TB
7	SUDA	LOW	**TDOT Drainage.cel**	Added 3D cells for existing CB, DI, and MH bottom and tops and revised those cells to show a minimum depth cover of 0.1'.	10.10.21.04	5/20/2022	TB
8	ROADWAY	LOW	**TDOT_Features_Annotations_Levels_Elem Temp.dgnlib**	Updated the following XS annotation groups to annotate guardrail: **XS Grid w/Annotation + Roadway Features** and **XS Roadway Features Annotation**. This also includes additional annotation definitions for the guardrail that was created in the previous release.	10.10.21.04	5/23/2022	JEM
9	SUDA	LOW	**TDOT Drainage.cel**	Revised the existing MH bottom cell minimum depth to 0.5'.	10.10.21.04	6/8/2022	TB
10	ROADWAY	LOW	**Roadway Title Sheet.dgn**	Updated the commissioner's signature to Howard Eley.	10.10.21.04	6/15/2022	JEM
11	ROADWAY	LOW	**STDS_TRUE.cel**	Added the commissioner's signature cell for Howard Eley (**SIGHHE**).	10.10.21.04	6/15/2022	JEM
12	ROADWAY	LOW	**ENTRANCES_TDOT.dgnlib**	Updated the **TDOT DR RES./COM. LOWERED NO GS** civil cell so that it would place correctly on a curve.	10.10.21.04	6/15/2022	JEM
13	GENERAL	LOW	**TDOT_Dimension Styles_Text Favorites_Text Styles.dgnlib** **TDOT Drainage Features Defs.dgnlib** **TDOT_Features_Annotations_Levels_Elem Temp.dgnlib** **TDOT_Survey_Features_Settings_Annotations_Elem Temp.dgnlib** **TDOT Utility Features Definitions Non-Drainage.dgnlib**	Cleaned up the element templates (alphabetized, updated locator cells to link to **SUR-CROSS** instead of + character).	10.10.21.04	6/21/2022	DWM
14	GENERAL	LOW	**TDOTSeed3D.dgn**	Removed <u>all</u> element templates from the seed file.	10.10.21.04	6/21/2022	DWM
15	GENERAL	LOW	**TDOT_Dimension Styles_Text Favorites_Text Styles.dgnlib**	Removed <u>all</u> element templates from the dgnlib. These were duplicates and unnecessary.	10.10.21.04	6/27/2022	DWM
16	GEOTECH	LOW	**TDOT_Features_Annotations_Levels_Elem Temp.dgnlib**	Revised the Geotech BHID element template names for better clarity.	10.10.21.04	6/27/2022	DWM
17	SURVEY	HIGH	**TDOTSeed3D.dgn**	Re-created this seed file so that the user will not need to Update Standards From dgnlib after importing survey text files.	10.10.21.04	6/29/2022	JEM
18	GENERAL	LOW	**TDOT Culvert XS.dgnlib** **TDOT XS 10H 5V Stacked.dgnlib** **TDOT XS 10H 5V.ddgnlib** **TDOT XS 10H 10V Stacked.dgnlib** **TDOT XS 10H 10V.dgnlib** **TDOT XS 20H 10V.dgnlib** **TDOT XS 20H 20V.dgnlib**	Updated the seed files to ensure that the correct levels are on and that the Synchronize View Setting is set to **Settings From Design Model**. This will allow nested corridors to be seen in cross sections. Also ensured that the **DES - SCRATCH - User 1** level is turned on.	10.10.21.04	7/1/2022	JEM
19	GENERAL	LOW	**TDOT Plan 20 Scale.dgnlib** **TDOT Plan 50 Scale.dgnlib** **TDOT Plan 200 Scale.dgnlib** **TDOT Profile 1H 1V.dgnlib** **TDOT Profile 20H 2V.dgnlib** **TDOT Profile 50H 5V.dgnlib** **TDOT Profile 50H 10V.dgnlib** **TDOT STID Plan 50 Scale.dgnlib** **TDOT STID Plan 100 Scale.dgnlib**	Updated some inconsistencies pertaining to which levels where on in the sheets. **Scratch Level 1** is now off.	10.10.21.04	7/1/2022	JEM

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20	ROADWAY	LOW	**Civil Templates-TDOT.ITL**	Updated the ITL so that all templates have a description. Also updated several errors in template names/descriptions.	10.10.21.04	7/8/2022	JEM
21	ROADWAY	LOW	**TDOT_Dimension Styles_Text Favorites_Text Styles.dgnlib**	Deleted a duplicate text favorite: **Linear Description 1**.	10.10.21.04	7/8/2022	JEM
22	SURVEY	LOW	**TDOT_Dimension Styles_Text Favorites_Text Styles.dgnlib**	Updated the **SUR - UTL - Low Wire Crossing (Profile)** text favorite to include a line for **Temp.** and for **Guy Wire**. This is updated in both the normal text favorite and the civil labeler text favorite.	10.10.21.04	7/11/2022	JEM
23	SURVEY`	LOW	**TDOT_Dimension Styles_Text Favorites_Text Styles.dgnlib**	Updated the Civil Labeler >> Survey - Plan >> **Utility - Low Wire Crossing** text favorite to correctly label the elevation.	10.10.21.04	7/18/2022	JEM
24	SURVEY	LOW	**TDOT Civil Labeler.xml**	Updated the TDOT - Survey - Plan >> **Utility - Low Wire Crossing** label to have two references so the elevation could be displayed correctly.	10.10.21.04	7/18/2022	JEM
25	SURVEY	LOW	**Plan View Labeling.cel**	Updated the _SUR - UTL - Low Wire Crossing cell to allow the elevation within the label to annotate.	10.10.21.04	7/18/2022	JEM
26	SURVEY	LOW	**TDOT_Dimension Styles_Text Favorites_Text Styles.dgnlib**	Renamed the Civil Labeler >> Survey - Profile >> SUR - UTL - Low Wire Crossing text favorite to **SUR - UTL - Low Wire Crossing (Profile)** to clarify when that text favorite is used.	10.10.21.04	7/19/2022	JEM
27	SURVEY	LOW	**TDOT_Survey_Features_Settings_Annotations_Elem Temp.dgnlib**	Updated the **XMISC** feature code Terrain Model Attribute to **Do Not Include**.	10.10.21.04	7/20/2022	DWM
28	SURVEY	LOW	**TDOT_Survey_Features_Settings_Annotations_Elem Temp.dgnlib**	Added two new survey feature codes, per TDOT request: **XHC** (existing handicap parking pavement marking) and **CNPY** (existing canopy such as at a gas station). The new feature definitions are under **Traffic Control** and **Non-Trans Features** respectively.	10.10.21.04	7/25/2022	DWM
29	SURVEY	LOW	**STDS_TRUE.cel**	Added new **XHC** cell.	10.10.21.04	7/25/2022	DWM
30	SURVEY	LOW	**TDOT_Survey_Features_Settings_Annotations_Elem Temp.dgnlib**	Revised the annotation group for the **GATE** feature code so that the descriptor label only places once in the middle.	10.10.21.04	8/10/2022	DWM
31	SURVEY / ROADWAY	LOW	**TDOT_Dimension Styles_Text Favorites_Text Styles.dgnlib**	Under the Civil Labeler subfolder, updated the following survey and design profile label text favorites for both box culverts and pipes so that the inverts annotate automatically: Box Culvert Data (Civil Labeler) Pipe Data (Civil Labeler) Survey Box Culvert Data (Civil Labeler) Survey Pipe Data (Civil Labeler)	10.10.21.04	8/17/2022	JEM
32	ROADWAY / SUDA	LOW	**TDOT_Features_Annotations_Levels_Elem Temp.dgnlib**	Removed the **XS Point Annotation - Daylight** annotation definition from the **XS Grid w/Annotation + Roadway Features** and **XS Roadway Features Annotation** groups. Updated the XS Point Annotation - Elev Callout annotation definition to annotate ditch centerlines. Created a new **XS Point Annotation - Special Ditch** annotation definition XS and linked it to three feature definitions: (1) Linear\Roadway\Model Control - 2D Plan\Special Ditch\Special Ditch - CL - CTRL, (2) Linear\Profiles\Drainage\Proposed \Prop VA Special Ditch - Left, and (3) Linear\Profiles\Drainage\ Proposed\Prop VA Special Ditch - Right.	10.10.21.04	8/30/2022	JEM
33	ROADWAY / SUDA	LOW	**TDOT_Dimension Styles_Text Favorites_Text Styles.dgnlib**	Created a new **XS - Special Ditch Offset Elev** text favorite to utilize in the XS annotation for special ditches. Created an additional text favorite for special ditch annotations (**Profile Special Ditch VPI**) that will temporarily replace the left and right profile annotation of special ditches until a Bentley update is made in the software to enhance the annotation group.	10.10.21.04	8/30/2022	JEM
34	ROADWAY / SUDA	LOW	**Profile View Labeling.cel**	Added new **Flow Arrow Annotation** cell, which will be utilized for the special ditch annotation groups to indicate direction of flow.	10.10.21.04	8/30/2022	JEM
35	ROADWAY	LOW	**STDS_NON-TRUE.cel**	Adjusted the matchline cells (**MLL** and **MLR**) to match the text style of the automated matchlines.	10.10.21.04	8/30/2022	JEM
36	ROADWAY / SUDA / STRUCTURES	HIGH	**TDOT_Features_Annotations_Levels_Elem Temp.dgnlib**	Major update for annotation groups for Special Ditches in Profile. For the annotation to work properly, the profile of the special ditch MUST be drawn in the profile; it cannot be projected. Updated the linestyle for Ditches to be dashed (LS=3) and the annotation will now place an arrow for the flow direction. The user will need to use the annotation override and select whether the direction is going with the stationing or against it. Also simplified annotation for VPI's. The user will need to use the Civil Labeler to label the special ditch Begin/End points. Currently, the **Special Ditch LT** and **RT** profile annotation groups show only the VPI until a Bentley enhancement is made in the software to display the data correctly. Created 6 new levels for structures: STR - CONTOURS - Existing - Major; STR - CONTOURS - Existing - Minor; STR - CONTOURS - Proposed - Major; STR - CONTOURS - Proposed - Minor; STR - HYDRAULICS; STR - SCRATCH - Level 2	10.10.21.04	8/31/2022	JEM

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				Updated the colors for structure levels to match the SS2 colors. Updated Structure element templates with the new colors. Updated the color of the **SUR - VEG** levels from 28 to 8 in the level manager and element templates. Updated the scale and pattern spacing of the **Extra Large Dots** and **Private Drive Shading** element templates so that the printing looks correct. Updated the line pattern spacing within the applicable area patterns so that they work properly.			
37	ROADWAY	LOW	TDOT_Dimension Styles_Text Favorites_Text Styles.dgnlib	Updated several civil label text favorites so that the bearing has the correct number of decimal places.	10.10.21.04	8/31/2022	JEM
38	SURVEY	LOW	**TDOT Civil Labeler.xml**	Updated a setting (Method = Select Elements) for the following three labels under TDOT - Survey - Plan: **CTRL - GPS Point**, **CTRL - Horizontal Point**, and **CTRL - Vertical Point**. This will reduce the number of clicks needed to place each label and thus increase the likelihood of clicking on the correct location for the label to annotate properly.	10.10.21.04	8/31/2022	JEM
39	ROADWAY / SUDA	HIGH	**TDOT_Features_Annotations_Levels_Elem Temp.dgnlib**	Updated Special Ditch annotation groups with new element templates and new VPI labels. Created an additional feature definition (**Prop Special Ditch Centerline**) for special ditches under the Linear >> Roadway >> Grading and Ditches folder, plus the corresponding feature symbology and element template. This feature definition will be used when modeling special ditches and will show up in Plan view.	10.10.21.04	9/1/2022	JEM
40	ROADWAY / SUDA	LOW	**TDOT_Dimension Styles_Text Favorites_Text Styles.dgnlib**	Updated the Profile Special Ditch VPI text favorite name to **Profile Special Ditch VPI LT**. Added a **Profile Special Ditch VPI RT** text favorite.	10.10.21.04	9/1/2022	JEM
41	ROADWAY / SUDA	LOW	**TDOT Civil Labeler.xml**	Updated the text to blue for the following labels under TDOT - Design - Profile: **Special Ditch Begin LT / RT** and **Special Ditch End LT / RT**.	10.10.21.04	9/1/2022	JEM
42	ROADWAY / SUDA	HIGH	**Civil Templates-TDOT.ITL**	Updated the centerline feature definition for Alternate Lining Materials and Special Ditches (End Conditions >> Ditches) to the new **Special Ditch CL** feature definition.	10.10.21.04	9/1/2022	JEM
43	ROADWAY	LOW	**STDS_TRUE.cel**	Removed interim commissioners signature cell for Joseph Galbato III (**SIGJGIII**).	10.10.21.04	9/2/2022	JEM
44	GENERAL	LOW	**TDOT Civil Labeler.xml**	General prompt updates. For example, many prompts said to Identify Point, when it should have said Identify Alignment.	10.10.21.04	9/2/2022	JEM
45	ROADWAY	LOW	**STDS_TRUE.cel**	Added the chief engineer's signature cell for Will Reid (**SIGWR**).	10.10.21.04	9/8/2022	JEM
46	ROADWAY	LOW	**Roadway Title Sheet.dgn**	Updated the chief engineer's signature to Will Reid.	10.10.21.04	9/8/2022	JEM
47	SUDA	LOW	**TDOT Utility Features Definitions Non-Drainage.dgnlib**	Updated the Generic Node default depth from 0 to 3.28'.	10.10.21.04	9/13/2022	JEM
48	ROADWAY	LOW	**TDOT_Features_Annotations_Levels_Elem Temp.dgnlib**	Updated the scale and spacing for the ROW patterns.	10.10.21.04	9/13/2022	JEM
49	SUDA	LOW	**TDOT Drainage Features Defs.dgnlib**	Updated CatchBasin Table- TDOT flex table name to **Catch Basin Table-TDOT**.	10.10.21.04	9/13/2022	DWM
50	ROADWAY	LOW	**TDOT_Features_Annotations_Levels_Elem Temp.dgnlib**	Updated some of the element templates under **Design >> Utilities** to match the new, more simplified utility colors.	10.10.21.04	9/14/2022	JEM
51	SUDA	MEDIUM	**TDOT Culvert XS Profile.dgnlib**	New sheet seed. This will allow the user to make any profile view look like a cross section if the user creates a 3D cut in the profile. The base length is set to 200 ft horizontal and 30 ft vertical, which can be adjusted based on the user's need. This seed is intended to be used for culvert cross sections where the cross section needs to bend with the pipe/endwalls.	10.10.21.04	9/16/2022	JEM
52	SUDA	LOW	**TDOT_Features_Annotations_Levels_Elem Temp.dgnlib**	Created a new profile annotation group (**Culvert Cross Section**) to utilize in culvert cross sections through profiles.	10.10.21.04	9/16/2022	JEM
53	SUDA	LOW	**TDOT_Dimension Styles_Text Favorites_Text Styles.dgnlib**	Created a new text favorite (**VA - Grid Horizontal Label For Culverts**) which is part of the culvert cross section annotation group.	10.10.21.04	9/16/2022	JEM
54	SUDA	LOW	**Plan View Labeling.cel**	Updated the _DES - DRG - Drainage Map Data cell so that it contains the same information as the equivalent SS2 cell.	10.10.21.04	9/21/2022	JEM
55	STRUCTURES	LOW	**TDOTSeed2DStructures.dgn**	New seed for TDOT Structures (Re-send by TDOT).	10.10.21.04	9/22/2022	DWM
56	GENERAL	LOW	**TDOTSeed2D Master File.dgn TDOTSeed2D.dgn TDOTSeed3D.dgn TDOTSeed3DAerial.dgn**	Set the TDOT coordinate system so that it is automatically applied by default: **TN83/2011F - NSRS11(NAD83/2011) Tennessee State Plane Zone, US Foot**.	10.10.21.04	10/6/2022	DWM
57	ROADWAY	LOW	**TDOT_Dimension Styles_Text Favorites_Text Styles.dgnlib**	Created several new text favorites for the Civil Labeler under Design - Plan: TRAN - Begin Guardrail TRAN - End Guardrail TRAN - Begin Barrier Wall TRAN - End Barrier Wall TRAN - Begin Retaining Wall	10.10.21.04	10/10/2022	JEM

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				TRAN - End Retaining Wall TRAN - Begin (General) TRAN - End (General) Limit of Construction (Profile) - [under Design - Profile]			
58	SURVEY / ROADWAY	LOW	**TDOT Civil Labeler.xml**	Created the corresponding civil labels for the text favorites shown above under **TDOT - Design - Plan** and **TDOT - Design - Profile**. Also created new labels for existing intersecting alignments under **TDOT - Survey - Plan**.	10.10.21.04	10/10/2022	JEM
59	ROADWAY	LOW	**Civil Templates-TDOT.ITL**	Fixed several Multimodal related spelling errors.	10.10.21.04	10/11/2022	JEM
60	ROADWAY	LOW	**TDOT_Dimension Styles_Text Favorites_Text Styles.dgnlib**	Fixed spelling errors for **Profile Special Ditch VPI LT** and **Profile Special Ditch VPI RT** text favorites.	10.10.21.04	10/11/2022	JEM
61	ROADWAY	LOW	**TDOT_Dimension Styles_Text Favorites_Text Styles.dgnlib**	Updated the Northing and Easting text favorites to not show any comma separators.	10.10.21.04	10/12/2022	JEM
62	SURVEY	LOW	**Roadway.rsc**	Removed the ROCK WALL custom linestyle and replaced it with two new linestyles: **ROCKWL** and **ROCKWR**. The applicable linestyle (and ultimately the feature code) is tied to which side of the centerline the rock wall is on in the direction of stationing.	10.10.21.04	10/12/2022	JEM
63	SURVEY	LOW	**STDS_NON-TRUE.cel**	Updated the name of the handicap ramp cell to **XHRAMP**. Added new **XEV** cell. Removed the embedded text from the following cells: XGM, XGV, XSM, XSV, XWM and XWV. The text will now be part of the annotation definition.	10.10.21.04	10/12/2022	DWM
64	AERIAL	LOW	**AERIAL.cel**	Removed the embedded text from the following cells: XGM, XGV, XSM, XSV, XWM and XWV. The text will now be part of the annotation definition.	10.10.21.04	10/12/2022	DWM
65	SURVEY	LOW	**TDOT_Survey_Features_Settings_Annotations_Elem Temp.dgnlib**	Updated **XHRAMP** cell link in element template. Added new **XEV** feature definition, feature symbology, annotation group and element template. Replaced the ROCKW feature definition, feature symbology and element template with **ROCKWL** and **ROCKWR**. Updated the annotation group for XGM, XGV, XSM, XSV, XWM and XWV. Removed the following feature codes: MED, RRSS, XBLDR, DIKE, XOFTLP, XTBOOTH, XTGP, UGPT, XTREE and STRCL (office only). Additional annotation group/definition updates made per the latest TDOT Feature Codes.	10.10.21.04	10/12/2022	DWM
66	SURVEY	LOW	**TDOT_Survey_Features_Settings_Annotations_Elem Temp.dgnlib** **RotateLineList.txt** **SmartObjects.mvba**	Added VBA macro statements to rotate the following TDOT survey feature codes, XCB, XSIGN1, XUP, XUPL, XGW, XWV, XWM, XGM, XGV, XSM, XSV, per defined orientations for RD linear features. The text file and mvba file are saved in the TDOT_Standards >> Macros folder within the workspace. When first using the SmartObjects.mvba, add this to the ORD list of macros by searching "macros" in the ORD search ribbon and opening the SmartObjects.mvba in the TDOT_Standards >> Macros folder. Once the SmartObjects.mvba is loaded, the RotateCell macro should be visible in the macros list. After importing survey data, the user must use the **Redraw** tool (Survey >> Analyze >> View) to view these automatic rotations tied to the above-mentioned feature code points and the RD linear features.	10.10.21.04	10/13/2022	KMB
67	ROADWAY	LOW	**TDOT_Dimension Styles_Text Favorites_Text Styles.dgnlib**	Created a new text favorite (**Intersection Label (Profile)**) under the Civil Labeler >> Design - Profile folder.	10.10.21.04	10/13/2022	JEM
68	ROADWAY	LOW	**TDOT Civil Labeler.xml**	Created two new labels (both named **Intersection Label**); one in the TDOT - Design - Profile folder and one in the TDOT - Survey - Profile folder.	10.10.21.04	10/13/2022	JEM
69	ROADWAY	LOW	**TDOT_Features_Annotations_Levels_Elem Temp.dgnlib**	Removed the EX Drainage Easement and EX Slope Easement feature definitions and applicable symbologies. Replaced with a new feature definition named **EX Easement Line** along with the applicable symbology. Modified the **Property Lines** annotation group to also annotate radius and length of arcs. Created a new annotation group named **Existing ROW Lines** that will annotate existing ROW lines (bearing and distance + radius and length). Created a new annotation group named **Proposed ROW Lines** that will annotate proposed ROW lines (bearing and distance + radius and length).	10.10.21.04	10/13/2022	JEM
70	ROADWAY	LOW	**TDOT XS 10H 5V Stacked.dgnlib** **TDOT XS 10H 5V.dgnlib** **TDOT XS 10H 10V Stacked.dgnlib** **TDOT XS 10H 10V.dgnlib** **TDOT XS 20H 10V.dgnlib** **TDOT XS 20H 20V.dgnlib**	Changed presentation setting in drawing model from Setting from Design Model to **Volume Only**. This is due to a defect with the software that was causing levels to turn off and not stay on in the cross section view.	10.10.21.04	10/14/2022	JEM
71	SURVEY	LOW	**AERIAL.cel**	Updated the **MB** cell to align with the other annotation.	10.10.21.04	10/14/2022	DWM
72	SURVEY	LOW	**STDS_NON-TRUE.cel**	Updated the **CONCMK** and **MB** cells to align with the other annotation.	10.10.21.04	10/14/2022	DWM

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73	SURVEY	LOW	**TDOT_Survey_Features_Settings_Annotations_Elem Temp.dgnlib**	Updated various annotation groups to align with the latest text favorites. Updated the **GAGE** and **LD** linestyles.	10.10.21.04	10/14/2022	DWM
74	ROADWAY	LOW	**Plan View Labeling.cel**	Changed several design ROW and design label delimiter line weights from 7 to **2**.	10.10.21.04	10/14/2022	JEM