TDOT ORD Workspace – Revisions Summary

The information noted below details updates to TDOT's current ORD Workspace **(10.09.00.91_09.17.2021)** as it compares to the prior version (10.09.00.91_06.04.20 21).

GENERAL

- All Level Filters expanded and updated per TDOT and modeling requirements.
- All printing files (PrintStyles.dgnlib and pltcfg's) now contained within the workspace under >> Organization-Civil\TDOT_Standards\Dgnlib\Printing. Plot configuration files updated to print sheets to 34x22 and at the correct scale.
- Configuration updates incorporated to streamline TDOT linestyle location/loading. The font options within ORD have been significantly reduced.

SURVEY

- All point and linear feature codes reassessed. Corresponding updates made to feature symbologies, annotation groups/definitions, element templates and cells to align with TDOT Survey Code standards.
- New field codes added:
    - XFPED
    - XUBIKE
    - XSUBIKE
    - XRLAR
    - XRSLRAR
    - XRSLAR
    - XYIELD
    - XSIGNP
    - XOHW
    - XBOTSA
    - XBOT (revised to XBOTST)
- New linestyles created and linked to the applicable element templates:
    - CURB
    - HATCH IN
    - LANE LINE DASHED SHORT - EX
    - YIELD LINE - EX
- Several existing linestyles have been updated per SS2 comparison:
    - RAILROAD EX

- o STREAM
- o OH WIRE XING
- o FOREST LINE
- o SWAMP LINE
- o ROW LINE
- New SUE linestyles created and linked to the applicable element templates.
- Updated Survey Settings to allow for a field code suffix in the text file.

ROADWAY

- New feature definitions added for graphical filters.
- Added new XS feature definitions and updated the XS annotation group.
- New annotation group for labeling only Areas on XS sheets (EAV Table - No Volume).
- Civil Cells: *Curb Ramps*. Updates made to work better with graphical filter.
- Civil Cells: *Intersections*. Updates made to be more compatible with curb ramp civil cells and handle other scenarios more effectively.
- Civil Cells: *Entrances*. Updates made to be more compatible with curb and gutter scenarios.
- New Interstate civil cell dgnlib created to use with templates for widening median barriers for the purpose of placing overhead signs.
- Civil Templates-TDOT ITL file and TDOT Superelevation XML file updated.
- Minor updates to the template drop feature definitions.
- Removed the high/low point label (VHP/VLP) annotation definitions from the profile annotation groups and lowered the display priority of the profile grid lines.
- Updated earthwork corridor feature definition to improve speeds of earthwork calculations.
- Alignment annotation group (Stationing) updated to include circles at PC/PT points.
- Dimension style updated for the Begin/End label.
- General linkage updates to feature symbologies and element templates.
- General sheet seed updates for component display purposes.

SUDA

- New node category: Spring Drains. This includes new feature definitions, feature symbologies, element templates and 2D/3D cells.

- New node category: Endwalls (Cross Drains and Parallel). This includes new feature definitions, feature symbologies, element templates and 2D/3D cells per new TDOT standards. Previous Headwall node category removed completely.

- Created new flow arrow 2D cell and corresponding element template to place flow arrows on drainage maps. Corresponding level added to the drainage map level filter.

- SUE feature definitions, feature symbologies and element templates added for existing utility conduits.

- New/Updated nodes (existing and proposed) for electric/power and lighting. This includes element templates and 2D/3D cells.

- Default colors for both the SUR - UTL and DES - UTL levels updated to match the current TDOT CADD and Survey standards.

- Catch Basin annotation reviewed/updated with appropriate text placement.

- Feature symbologies and element templates created for elliptical RCP conduit (proposed cross drains).

- Updated all drainage descriptions in cell library.