

TYPICAL SECTION SHEETS – MICROSTATION (LEGACY)

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Overview

Development of a Utility Plan Typical Section sheets in the Microstation legacy workspace.

Process Provenance

- Date of development: N/A
- Revision date: N/A
- Application/Tool(s): *MicroStation V8i SS10*
- Version(s): N/A
- Environment(s): *GEOPAK (Legacy) Workspace*
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Statement of Need


This process develops a sheet that is a part of the Utility plans which play a vital role in moving MDT Highway projects toward completion.

Process Description and Examples

Section I. Typical Section Sheet Creation

Procedure

1. Download the typical section file from the RD workgroup in DMS that contains the typical section data, usually named 1234000RDTYP001. Copy this file to the c:\dgn\ref directory for referencing.
2. Open RD Typical sheet, save it as UT typical sheet (ex. 1234000UTTYP001.DGN)
 - Place a fence around all elements in the file, delete the active elements, then compress the file.
3. Attach UTILITYV8_0.TBL (color table) and UTILITYV8_0E.CEL (cell library) from <ftp://ftp.mdt.mt.gov/caddstd/WORKGROUP/UTSTD/>.
4. In 'Active file' 'View Attributes', turn on Level Overrides.
5. In 'Reference' 'Settings' 'Level Display', choose MTSTD:PLANE.REF, set filter to UTTYP.
6. In 'Reference' 'Settings' 'Level Manager', choose MTSTD:PLANE.REF, set all style and weight attributes off, color attributes to 0 (white).
7. In "References", rename reference that has logical name of (e) to MTRD:1234000RD TYP### where new name matches name of original typical section file before saving as UT.
 - Change the property of the reference attachment to "No Nesting".
8. Attach RD Typical Section Sheet as a reference with RDTYP-1 as the logical name.
 - Clip boundary around RDTYP-1 to display the typical section information for sheet 1.
 - In 'Reference' 'Settings' 'Level Manager', set the colors to 0, line weight and symbology override to off.
9. Repeat steps for all typical section sheets.
10. Attach cell "STDSHTDF" from cell library. It is inserted at XY=50000, 50000.



*Montana Department of Transportation - Typical section sheets – Microstation
(legacy)*

- Fill in the data for the project information. This cell contains the county name, project name, project UPN, project number, scale factor and sheet number data fields for the bottom of the pages.