TYPICAL SECTION SHEETS– MICROSTATION (ENHANCED)

Contents

Overview

Development of a Utility Plan Typical Section sheet in the Microstation Enhanced workspace.

Process Provenance

- Date of development: N/A

- Revision date: *N/A*

- Application/Tool(s): *MicroStation V8i SS10 / Power GEOPAK V8i SS10*

- Version(s): *N/A*

- Environment(s): *OpenRoads (Enhanced) 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 <u>RD</u> workgroup in DMS that contains the typical section data, usually named 1234000<u>RDTYP</u>001. Copy this file to the c:\dgn\ref directory for referencing.

2. Create a new UT Typical Section sheet from the UT Seed files found at ..\CaddStdOR\SEED\UT_Plans (ex. 1234000**UTTYP001**.DGN).

3. In 'Active file' 'View Attributes', ensure Level Overrides are turned on.

4. Attach RD Typical Sheet as a reference.

    - Within the Reference dialog, choose "Tools", "Attach"

    - Within the Attach Reference dialog, select the RD Typical Sheet, then choose "Open".

    - Insert RDTYP-1 as the logical name.

    - Select "Coincident – World" from the orientation options. Adjust Nested Attachments option to "Copy Attachments", then choose "OK".

    - In 'Reference' 'Settings' 'Level Manager', set the colors to 0, line weight and symbology override to off for all reference files.

    - Check reference prefixes and fix as needed or use the reference macro.

5. Select "RDTYP-1", "b", "c", and "d", then choose "Tools", "Detach". The scaled typical sections will still be referenced from the RD Typical file if logical "e" for the scaled sheet area is still attached.