

## **SUMMARY SHEETS – MICROSTATION (ENHANCED)**

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## Overview

Development of a Utility Plan Summary sheets 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. Summary Sheet Creation

### Procedure

1. Download the summary sheet file from the RD workgroup in DMS that contains the summary sheet data, usually named 1234000RDSUM001. Copy this file to the c:\dgn\ref directory for referencing.
2. Create a new UT Summary sheet from the UT Seed files found at ..\CaddStdOR\SEED\UT\_Plans (ex. 1234000UTSUM001.DGN).
3. In 'Active file' 'View Attributes', ensure Level Overrides are turned on.
4. Attach RD Summary Sheet as a reference.
  - Within the Reference dialog, choose "Tools", "Attach"
  - Within the Attach Reference dialog, select the RD Summary Sheet, then choose "Open".
  - Insert RDSUM-1 as the logical name.
  - Select "Coincident – World" from the orientation options. Adjust Nested Attachments option to "No Nesting", then choose "OK".
  - Check reference prefixes and fix as needed or use the reference macro.
5. Turn off sheet labels and designed by labels from the RD Detail Sheet, typically level "P\_Sheets\_Plan\_Label\_Sheet\_Text" and "S\_SHEETS\_DesignBlock\_Data\_Fields". If the labels are on a different level, adjust accordingly or mask the reference file as outlined below.
  - Select the pink clip boundary around the bottom of the first sheet to create a fence. Within the Reference dialog, select the RDSUM-1 Road Design summary sheet reference file, then choose "Tools", "Clip Boundary" then accept the pink shape outlining the plan data fields in sheet 1.
  - Repeat for sheet 2 and sheet 3 as needed.
6. In 'Reference' 'Settings' 'Level Manager', set the colors to 0, line weight and symbology override to off for all files.