MONTANA
Department of Transportation

Engineering Systems CADD Support

MDT CADD Update Notification

Subject: Survey Line Control Code Asterisk

Review and Approval: MDT Highways and Engineering Division - Preconstruction

Date: 1/5/2024

Application | Version(s): MicroStation V8i SS10 | 08.11.09.916;
Power GEOPAK V8i SS10 | 08.11.09.918

Environment(s): OpenRoads (Enhanced) Workspace

Impacts: Survey Processing for DIMAP

Update Reference Number(s): CU-10411

Update

MDT's data collector feature files (.fxl) no longer use asterisks in the line code commands.

When creating a field book and loading survey data, feature settings are selected. The "Default MDT Survey Setting" field book feature settings supports coding with an asterisk for the survey lines in MDT's Enhanced workspace. Using find and replace in Excel to prepare the .csv data without an asterisk can cause unintended consequences with some codes. For example, if adding an asterisk to EL to make it EL* via find and replace, TREELN will be recoded TREEL*N or BL to BL* will recode BLDG to BL*DG.

Alternate field book feature setting "Default MDT Survey Setting (No Asterisk)" has been developed for processing new survey data without an asterisk.

