MDOT – OpenRoads Basics Training Information

This document contains information pertaining to the MDOT OpenRoads Basics training course for Power GEOPAK OpenRoads Edition - SS4 utilizing the MDOT_02 Workspace.

General Information

The training class utilizes information and instruction over the course six sections some including video MP4 files. The training material is broken into folders each containing an instruction PDF, section dataset and a completed section data set. Each section is a self-contained training module. The Video folder, where applicable, contains supplemental information. The MDOT_OpenRoads_Basics.zip file contains all the files listed below. The ZIP file should be extracted to the C:\Temp folder for best results.

A working knowledge of the information provided in the MDOT_OpenRoads_Reference_Info.PDF and basic MicroStation functions are required to complete the training. This knowledge can be obtained by reviewing the document and completing the Online Bentley LEARN Training Course – MicroStation Basics – 2D Drafting and Detailing (MDOT) or other applicable MicroStation beginner courses.

MDOT OpenRoads Basics Training Index

Section	Topic
01	Horizontal Geometry
02	Vertical Geometry
03	Template Creation
04	Corridor Creation
05	Superelevation Basics
06	Model Review

MDOT OpenRoads Basics Supplemental Video Training Index

Section	Topic	Duration
03	Template Creation	13:14 Minutes
05	MDOT Superelevation Spreadsheet	19:06 Minutes

Data Set Information

The training sections are broken in subsections, please see the MDOT OpenRoads_Basics Index provided in the ZIP file for the section breakdown.

The supplemental video files are also broken into sub-chapters by topic. Please see the MDOT OpenRoads_Basics Video Index provided in the ZIP file for the subchapter breakdowns.

The data set included is specific to the basic training course. It does not follow any MDOT specified file naming convention. Please see Chapter 3 of the Design Development Guide for specifics on file naming and required content for MDOT project related files.

Technical Support

Please email any questions, issues or problems associated with this document to:

 MDOT-EngineeringSupportTraining@Michigan.gov

Additional Design Services Help and Support can also be obtained through the following email resources:

MDOT-BridgeDesignSupport@Michigan.gov – For help with bridge design software, cells, levels, and workspace tools.

MDOT-Drainage-Utility@Michigan.gov – For help with GEOPAK Drainage, drainage cells and other subsurface utility modeling tools.

MDOT-CaddSupport@Michigan.gov – For help with cells, levels, line styles, dimensions, and other CADD and workspace tools.

MDOT-RoadwayModelingSupport@Michigan.gov – For help with roadway modeling, modeling templates, civil cells and workspace tools.

MDOT-Survey_Support@Michigan.gov – For help with survey data, workflows and processes.