



FDOTConnect Virtual Training Labs

Traffic Plans: Signing, Pavement Markings, Signalization, and Lighting

March 20 & 21, 2024

Instructors

Eddie Giese, PE, Production Manager | Patel, Greene, & Associates, LLC

Maria Vizcarrondo, PE, Transportation Engineer | RS&H

John-Mark Palacios, PE, Design Integration Engineer | RS&H

Description

This 2-day training course will go over the fundamentals for developing Traffic Plans. Participants will be introduced to Bentley OpenRoads Designer (ORD)CONNECT Edition – FDOT Traffic Tools developed for OpenRoads Technology specifically for Florida Department of Transportation (FDOT) projects using the FDOTCONNECT Workspace. Several new tools will be introduced including:

- Traffic Tools Setup and configuration files
- FDOT Signing Application
- Pavement Marking Application
- Traffic Design Tools
- Signalization Application
- Lighting Plans

Objectives

- To learn initial setup required to start creating Traffic Plans
- To create and place Sign Assemblies and using the FDOT Signs Application.
- To create Proposed Pavement Marking Striping using the Pavement Marking Application
- To learn Traffic Planning tools, i.e. Place Cell Group, Place Conduit and Pay Item Update
- To create and place Signal Assemblies using the Signal Design Application
- To place cells and to draw conduit to FDOT design standards for Lighting Plans.
- To learn about the Light Pole Manager to create and place the Pole Data Table into Plan Sheets