



Bentley Based OpenRoads Designer Roadway Training

A. Purpose

Provide links to the [Bentley Learn Server](#) corresponding to the OpenRoads Designer training being provided to internal IDOT employees to the Consultant community.

B. Owner

Bureau of Design and Environment \ Surveys, Mapping and Modeling \ CADD Modeling & GIS Support

C. Audience

- Internal IDOT Employees who want a self-paced option to in-person training previously provided in District
- Consultant firms doing business with the Illinois Department of Transportation

D. Required Items

- The Employee / Consultant must have an active account with Bentley to access the [Bentley Learn Server](#) to take the self-guided classes. IDOT will not grant access nor cover the cost of these classes for consultants.

E. Pre-Requisites

- The Employee / Consultant must have OpenRoads Designer 10.10.21.04 and the IDOTCAD Connected CADD Environment 10.10.02 (or newer) setup on the machine being utilized for training.

F. Specific Instructions/Requirements

Complete Learning Paths on the Bentley Learn Server

00 - Roadway Design & Modeling – Fundamentals – [View Learning Path \(bentley.com\)](#)

01 - Roadway Design & Modeling – Intermediate – [View Learning Path \(bentley.com\)](#)

Modules from above Learning Path's in the order taught

(The 2-digit number before each class corresponds to the Learning Path above. The modules we do not cover in class are recommended to everyone to complete afterwards)

00 – Navigating the Interface

00 – QuickStart for Terrain Display

00 – QuickStart for Geometry - Road

01 – Creating & Editing Centerline Geometry

00 – Beyond Centerline Geometry

00 – Using & Editing Templates

01 – Creating & Manipulating the Corridor

01 – Using & Defining Superelevation

01 – Intersection Design Horizontal & Vertical Geometry

01 – Intersection Design 3D Model Detailing

01 – Using Civil Cells

00 – Drawing Production Creating Plan & Profile Sheets

00 – Drawing Production Creating Cross Section Sheets

00 – Quantities & Earthwork

G. Post Activities

- None