



# Course Profile



## 3D Roundabout Design

**Course Length:** 2 ½ days

**Availability:** 4/12

### Course description:

This workshop style course gives the users the ability to use the Bentley Civil Roundabouts application in combination with Geopak Roadway Designer in a hands-on environment to design a component based 3D model for roundabouts.

### Topics covered:

- Bentley Civil Roundabout Application
- Roundabout Template Libraries
- Laying out geometry using traditional Geopak tools
- Roadway Designer Templates
- Roadway Designer 3D Model Design

### Mastery upon course completion:

Basic understanding of the Bentley Civil Roundabout application and set up of Roadway Designer for 3D roundabout design.

### Pre-requisites:

Geopak Road 1 or/and Introduction to Roadway Designer. The participants should be comfortable with using Roadway Designer and have a basic understanding of roundabout parametric design as determined by FHWA and MoDOT.