

PRACTICAL APPLICATIONS OF GEOMETRIC DESIGN

Wednesday, November 18, 2020 – Thursday, November 19, 2020

Day 1 – Morning Session (8:30 a.m. – 12:00 p.m.) 3.25 hours

- Overview of Geometric Design
- 3R and 4R Work Types

---- 15 minute break ----

- Design Speed
- Sight Distance

Day 1 – Afternoon Session (1:00 p.m. – 4:30 p.m.) 3.25 hours

- Horizontal Alignment
- Vertical Alignment
- Alignment Coordination

---- 15 minute break ----

- Lane Width
- Shoulder Width

Day 2 – Morning Session (8:30 a.m. – 12:00 p.m.) 3.25 hours

- Curb and Gutter
- Cross-Slope

---- 15 minute break ----

- Superelevation

Day 2 – Afternoon Session (1:00 p.m. – 4:00 p.m.) 2.75 hours

- Interchange Design

---- 15 minute break ----

- Intersection Design
- Design Exceptions and Design Variances