

Roundabouts: Balancing Safety & Mobility for All Users (TE-38)

Course Outline

DAY ONE: WHY ROUNDABOUTS

Opening Remarks

- History of Roundabout
- Definition of Roundabout
- Benefits of Roundabout
- Why Roundabout Is Safer
- Roundabout Development in the US
- FHWA and Caltrans Policies, Guidelines & References

Q&A Discussion

DAY TWO: ROUNDABOUT - PLANNING ASPECTS

Reflect on Lessons Learned in Day 1
Roundabout Planning and Community Context
Roundabout Capacity Analysis
Geometric Parameters

Q&A Discussion

DAY THREE: ROUNDABOUT - DESIGN ASPECTS

Reflect on Lessons Learned in Days 1 and 2
Roundabout Geometric Design
Design Attributes and Multi-modal Considerations
Final Design Process
Case Study

Q&A Discussion

Course Evaluation