

## **Alternative Intersections and Interchanges**

Alternative or innovative intersections and interchanges have fewer conflict locations and fewer signal phases than conventional intersections. They can be significantly more efficient by increasing capacity and reducing construction cost. The AIIR covers in detail four alternative intersection treatments and two alternative interchange treatments (listed below).

### ***Intersections:***

1. Displaced Left-Turn Intersection
2. Median U-Turn Intersection
3. Restricted Crossing U-Turn Intersection
4. Quadrant Roadway Intersection

### ***Interchanges:***

1. Double Croisé Diamond Interchange (Diverging Diamond)
2. Displaced Left Turn Diamond Interchange

### **The workshop will cover a summary of many practical areas of interest:**

1. Geometric Design Considerations
2. Access Management Considerations
3. Traffic Signalization Treatments
4. Accommodation of Pedestrians
5. Operational Performance
6. Safety Performance
7. Construction Costs
8. Construction Staging
9. Other Considerations
10. Application Criteria