Highway Capacity Manual 6th Edition (HCM6) Overview
Highway Capacity Software (*HCS7*) Demonstrations

This half-day seminar provides an overview of the changes included in the HCM6 as compared with the HCM 2010, including many methodological details. The information provided in this workshop is fairly technical toward learning what to expect from the updated HCM6 procedures and their implementation in the Highway Capacity Software (*HCS7*). A workbook with all presentation slides is provided and a general agenda is shown below:

- Overview of HCM6 and *HCS7*
  – Major Changes, Organization, Research, Implementation
- Freeways (Basic, Weaving, Ramps, Facilities)
  – Managed Lanes, Weather, Incidents, Trucks, Travel Time Reliability, Work Zones
- Highways (Multilane and Two-Lane)
  – Speed-Flow Curves, Trucks, Sensitivity
- Unsignalized Intersections (TWSC, AWSC, Roundabouts)
  – Roundabout Capacity Equations, Segments and Corridors
- Signalized Intersections
  – Heavy Vehicle, Grade, Unsignalized Movements, Auxiliary Thru Lanes, Planning
- Urban Streets (Segments, Facilities)
  – Sustained Spillback, Lane Blockage, Parking, LOS, Travel Time Reliability
- Interchanges and Alternative Intersections (DDI, DLT, RCUT, MUT)
  – Extra Distance Travel Time, Experienced Travel Time
- Highway Capacity Software (*HCS7*)
  – Streets, Alternative Intersections, TWSC, Roundabouts, Freeways, Highways

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