ITE Wisconsin and the WI Simulation and Capacity Users Group
Present

HCM 6 Training
Lectures, software demonstrations, and application examples from the Highway Capacity Manual 6th Edition provided by William M. Sampson, P.E., director of the McTrans Center at the University of Florida.

Wednesday, October 19 and Thursday, October 20
8:00 A.M. – 4:30 P.M.
$325 per person, 42 seats available

HCS 6 Training will be held in the Classrooms A and B at the Department of State Patrol Chemical Test Section, 3502 Kinsman Boulevard in Madison (WisDOT SW Region Truax Building). No food is allowed in the classrooms, covered beverages are allowed. Lunch will be on your own. Fee includes individual workbooks for all participants.

Register online by October 10 at:
www.itewisconsin.org

Space is limited, sign up today!
Highway Capacity Analysis Training Course
Including Detailed Information on the HCM 6th Edition and HCS7

This training course presents lectures, software demonstrations and application examples on the Highway Capacity Manual (HCM) procedures – including updates coming in the HCM 6th Edition. Step-by-step instruction of the HCM methodologies will be provided for each analytical chapter. The Highway Capacity Software (HCS) implements and automates the HCM procedures. Each lecture will be followed by example problems and a software demonstration using the HCS7 prototype. A comprehensive workbook is provided to include all slides and an agenda is below:

**Day 1**
- Overview HCM and HCS Overview, Major Changes, Principles, Concepts
- Freeways Freeway Segments (Basic, Weaving, Merge & Diverge)
- Freeway Facilities (Travel Time Reliability, ATDM)
- Highways Highway Segments (Multilane Highways, Two-Lane Highways)

**Day 2**
- Unsignalized Intersections (TWSC, AWSC, Roundabouts, Corridors)
- Signalized Intersections (NEMA, Phase Duration, Multiple-Period Analysis)
- Urban Streets (Flow Profile, Access Points, Travel Time Reliability, ATDM)
- Ramp Terminals and Alternative Intersections (DDI, DLT, RCUT, MUT)

**Instructor:** William M. Sampson, P.E. is a faculty member of the University of Florida (UF) Department of Civil Engineering with over 40 years of experience. He is the Director of the McTrans Center and also is responsible for technical assistance and ongoing development of the Highway Capacity Software (HCS). He teaches two graduate courses (Traffic Engineering and Highway Capacity Analysis) at UF. He is a former member of the Transportation Research Board (TRB) Highway Capacity and Quality of Service (HCQS) committee, still serving on several subcommittees.