



Alabama Transportation Assistance Program
presents a workshop

Alternative Intersection and Interchange

Presented by Joseph E. Hummer

Mobile
Monday
September 25, 2023

Montgomery
Tuesday
September 26, 2023

Birmingham
Wednesday
September 27, 2023

Huntsville
Thursday
September 28, 2023

Alternative intersections and interchanges involve the redirection of one or more movements from the main junction. This is typically an attempt to improve safety, operations, cost, impacts, pedestrian and bicyclist movements, and other aspects compared to a conventional concept. In the past several decades many such alternative concepts have emerged. Including RCUTs, median u-turns, continuous flow intersections, diverging diamond interchanges, and others. This workshop is intended to introduce these concepts to planners and engineers with little previous background. The hope is that, during the development of future projects, alternative concepts will at least be considered.

This workshop should be of interest to any planners, designers, and operations professionals who work on intersections and interchanges. No prior knowledge of intersection or interchange design or operations is needed. The workshop should be helpful to DOT, city, and county staff members as well as to consultants.

Please register at www.eng.auburn.edu/atap. **CLASS SIZE IS LIMITED TO 40 PARTICIPANTS PER LOCATION.** **The cost of the workshop is \$175.00.** Registrants are reminded that registration is not complete until payment is made. The registration fee includes handout materials, break refreshments, lunch, and a certificate of participation. Participants completing this workshop will receive .60 Continuing Education Units (CEUs), 6.0 Professional Development Hours (PDHs). Thank you for your continued support of the Alabama Transportation Assistance Program.

Cancellation Policy

We understand that circumstances may arise that could require you to cancel your registration, and we make every effort to accommodate your needs. Due to commitments to our instructors and facilities, the registration fee is not refundable if a registrant withdraws less than five working days before the workshop. You may substitute registrants; please notify us in advance if possible. Non-paid, no show registrants will be invoiced for the full cost of the workshop. ATAP reserves the right to cancel or modify any program offering, but will provide registrants the option of a full refund. Auburn University will not be responsible for expenses incurred by a registrant as the result of a cancelled or rescheduled workshop.

Workshop Instructor

Joseph E. Hummer, PhD, PE

Joseph E. Hummer, PhD, PE, is the State Traffic Management Engineer in the Mobility and Safety Division of the North Carolina Department of Transportation (NCDOT). Joe is one of the foremost authorities on alternative intersection and interchange designs practicing today. He began researching the designs in 1990, has published numerous articles about them, and has invented several new intersection and interchange designs. His two-part series in the ITE Journal in 1998 helped spark interest in the area. More recently, he was the Principal Investigator of the FHWA research project investigating the effects of diverging diamond interchanges, he was the primary author of the FHWA guidebook on reduced conflict intersections, and he was co-author of the FHWA guidebook on quadrant intersections. At NCDOT he has contributed to the design of over 60 TIP projects, many involving alternative intersections or interchanges. Joe was a Professor at North Carolina State University and was Chair of the Department of Civil and Environmental Engineering at Wayne State University before joining NCDOT in May 2016.

Locations and Time

Mobile, September 25, 2023

Hampton Inn & Suites Providence Park
525 Providence Park Drive
Mobile, AL 36695
251-776-5866

Montgomery, September 26, 2023

Homewood Suites East Chase
7800 Eastchase Pkwy.
Montgomery, AL 36117
334-277-9383

Birmingham, September 27, 2023

DoubleTree Birmingham
8 Perimeter Park S
Birmingham, AL 35243
205-967-2700

Huntsville, September 28, 2023

Auburn University Engineering Huntsville
345 Voyager Way NW
Huntsville, AL 35806

8:30am – 9:00am

9:00am – 12:00pm

12:00pm – 1:00pm

1:00pm – 4:00pm

Registration Opens

Workshop

Lunch

Workshop