

# Interchange Design & Interstate Access

## Safety and Design Technical Services Team

### PRODUCTS & SERVICES

The FHWA Resource Center offers a variety of technical assistance and training opportunities on freeway interchange design and interstate access improvements. These are some examples of services provided to our customers:



- Review and commentary on preliminary interchange design proposals and interstate access requests. Certain access requests require approval from the FHWA Administrator and coordination with the FHWA Headquarters Office of Program Administration. The Resource Center can provide early technical assistance and supply potential solutions to challenging design issues.
- Collaboration with Divisions and their State DOT partners to develop local procedures and guidelines for processing Interstate access requests and supporting the requests with the appropriate level of documentation.
- Delivery of a focused technical assistance workshop on interchange design principles and the interstate access approval process. The workshop may be tailored to meet the specific needs of the Division depending on the key issues involved. The Safety and Design team can compare and contrast appropriate interchange types; decipher elements of the FHWA policy and provide insights on making good decisions with regard to new or modified access; review key features for the design of ramps, terminals, alignment and cross section; provide understanding of the application of FHWA design exception policies with respect to interchange features; and determine the appropriate documentation for an access request and the components of a complete safety and operational analysis.

Transportation professionals seeking training or assistance with interchange design and interstate access issues may contact the Resource Center Safety & Design team.

**SAFETY AND DESIGN TECHNICAL SERVICES TEAM**

**[www.fhwa.dot.gov/resourcecenter](http://www.fhwa.dot.gov/resourcecenter)**



## Workshops, Seminars and Courses

### Interchange Workshop: Fundamentals of Planning, Design and Approval of Interchange Improvements to the Interstate System (NHI 380073)

*2-day workshop*

This course gives attendees an introduction to planning and designing for new freeway interchanges and major modifications to existing interchanges. The course examines principles necessary for effective urban freeway planning, interchange design, safety and operational assessments of proposed improvements, and discusses the FHWA policy for approval of new and modified interstate access points. The course is highly interactive with numerous discussions, examples, case studies and exercises.

#### Who should attend this training?

The target audience for the course is traffic engineers and transportation professionals with one to five years working experience.

**For more information contact:**

**Mark Doctor**

Safety / Geometric Design Engineer

Atlanta GA (404) 562-3732

[mark.doctor@dot.gov](mailto:mark.doctor@dot.gov)

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**[www.fhwa.dot.gov/resourcecenter](http://www.fhwa.dot.gov/resourcecenter)**

Patrick Hasson, Team Leader  
(708) 283-3595, [patrick.hasson@dot.gov](mailto:patrick.hasson@dot.gov)

***Safer by Design***

