

Work Zone Design Course

FHWA Work Zone Safety Grant - 693JJ31750006



Description - This 3-day course is designed to assist in understanding the design documents that were developed as part of an FHWA Work Zone Safety grant.

Who Should Attend - This workshop is directed toward highway design engineers and work zone engineers.

Examples of things the course will discuss:

- ✓ Design features and equipment to improve safety for road users
- ✓ Content of TMPs and other pre-construction documents
- ✓ Construction Staging
- ✓ Constructability
- ✓ How to avoid change orders

Examples of things the course will not discuss:

- ✗ MUTCD typical application drawings for temporary traffic control
- ✗ The process for getting a TMP approved in your agency
- ✗ Construction site management
- ✗ Contract administration
- ✗ Public information/outreach

Registration Information – The course is free of charge due to a grant provided by FHWA.

Topics Covered

- Principles of Work Zone Safety - Safe System Approach
- Overview of Work Zone Design Principles
- Work Zone Lighting Design
- Oversize/Overweight Vehicle Accommodation
- Positive Protection Design
- Traffic Incident Management
- Designing for Pedestrians & Bicyclists

Training Dates

- **March 14, 15 and 17**
- **March 22, 23 and 24**
- **March 30, 31 and April 1**

Instructors – The instructors will be Andrea Bill, Bill Bremer and Adam Francour with the UW-Madison Traffic Operations and Safety (TOPS) Lab.

If you have any questions regarding this training, please contact Adam Francour at afrancour@wisc.edu

Option 1 – Registration Link

<https://uwmadison.zoom.us/meeting/register/tJAqdOypqDoqGdNnxzVUhKbpWishkeckKGNMI>

Monday, March 14	Tuesday, March 15	Thursday, March 17
11:00 AM – 12:15 PM Introduction & Principles of Work Zone Safety - Safe System Approach 1:00 PM – 3:15 PM Overview of Work Zone Design Principles	11:00 AM – 1:00 PM Positive Protection Design 2:00 PM – 3:30 PM Traffic Incident Management	11:00 AM – 12:00 PM Work Zone Lighting Design 12:30 PM – 1:30 PM Oversize/Overweight Vehicle Accommodation 2:00 PM – 3:45 PM Designing for Pedestrians & Bicyclists

Option 2 – Registration Link

<https://uwmadison.zoom.us/meeting/register/tJYvfumvrTwtHN0JSbbjlg3fTBYuYn-fNhBu>

Tuesday, March 22	Wednesday, March 23	Thursday, March 24
11:00 AM – 12:15 PM Introduction & Principles of Work Zone Safety - Safe System Approach 1:00 PM – 3:15 PM Overview of Work Zone Design Principles	11:00 AM – 1:00 PM Positive Protection Design 2:00 PM – 3:30 PM Traffic Incident Management	11:00 AM – 12:00 PM Work Zone Lighting Design 12:30 PM – 1:30 PM Oversize/Overweight Vehicle Accommodation 2:00 PM – 3:45 PM Designing for Pedestrians & Bicyclists

Option 3 – Registration Link

<https://uwmadison.zoom.us/meeting/register/tJwsce-vrTgsHtSt-rvnRZm56llKD0gX7L-t>

Wednesday, March 30	Thursday, March 31	Friday, April 1
11:00 AM – 12:15 PM Introduction & Principles of Work Zone Safety - Safe System Approach 1:00 PM – 3:15 PM Overview of Work Zone Design Principles	11:00 AM – 1:00 PM Positive Protection Design 2:00 PM – 3:30 PM Traffic Incident Management	11:00 AM – 12:00 PM Work Zone Lighting Design 12:30 PM – 1:30 PM Oversize/Overweight Vehicle Accommodation 2:00 PM – 3:45 PM Designing for Pedestrians & Bicyclists