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
• Tuesday, August 23
• Wednesday, August 24
• Thursday, August 25

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
**Registration Link:**  [https://uwmadison.zoom.us/meeting/register/tJwqcO-tpzMiGtKMUm2eDZOrxEeS01OqAWKx](https://uwmadison.zoom.us/meeting/register/tJwqcO-tpzMiGtKMUm2eDZOrxEeS01OqAWKx)

<table>
<thead>
<tr>
<th>Tuesday, August 23</th>
<th>Wednesday, August 24</th>
<th>Thursday, August 25</th>
</tr>
</thead>
</table>
| **9:00 AM – 10:30 AM**  
Introduction & Principles of Work Zone Safety - Safe System Approach | **9:00 AM – 11:15 AM**  
Positive Protection Design | **9:00 AM – 10:00 AM**  
Work Zone Lighting Design |
| **10:45 AM – 1:00 PM**  
Overview of Work Zone Design Principles | **11:30 AM – 1:00 PM**  
Traffic Incident Management | **10:10 AM – 11:10 AM**  
Oversize/Overweight Vehicle Accommodation |
| | | **11:20 AM – 12:50 PM**  
Designing for Pedestrians & Bicyclists |
| | | **12:50 PM – 1:00 PM**  
Course Wrap-Up |

**Disclaimers:**

This material is based upon work supported by the U.S. Department of Transportation under Cooperative Agreement No. 693JJ31750006. Any opinions, findings and conclusions or recommendations expressed in this publication are those of the author(s) and do not necessarily reflect the view of the U.S. Department of Transportation. This publication does not constitute a national standard, specification, or regulation. The U.S. Government does not endorse products or manufacturers. Trademarks or manufacturers’ names appear in this document only because they are considered essential to the objective of the document.