Improving Large Truck Safety in Work Zones
Large Trucks are Overrepresented in Fatal Work Zone Crashes

• Possible reasons include...
  – Truck characteristics
  – More trucks in and around work zones
  – More trucks traveling when more work zones happen
How Do We Improve Large Truck Safety In Work Zones?

• Resources for Practitioners:
  – Work zone safety grant documents
  – Agency good practices

• Resources for Drivers:
  – Brochures
  – Powerpoint presentations
  – Agency good practices
Work Zone Design Practices to Better Accommodate Large Trucks

- Adequate lane widths
- Diversion routing
- Truck-only lanes
- Rest area parking
- Adequate sight triangles
- Adequate acceleration lanes for entrance ramps
- Shadow vehicle/TMA selection
- Establishing good work space access points
Establishing Good Work Space Access Points

• Designing access points for truck deceleration and acceleration needs
  – Fact sheet coming soon!
  – Virginia and Ohio DOT implementation examples

• Deploying work zone ITS access point warning technology
  – Fact sheet coming soon!
  – See Smarter Work Zones hot topic page on the Clearinghouse
Strategies to Help Truck Drivers Better Traverse Work Zones

- Smart work zones
- Sequential warning lights on tapers
- Truck driver-focused work zone information and outreach
Truck Driver-Focused Information and Outreach

- General work zone safety outreach
- Targeted project-specific information
- Distribute at truck stops, rest areas, dispatching centers, etc.
Safe Trucking Through Work Zones

Work Zone Safety Consortium
www.workzonesafety.org
Watch the Clearinghouse for New Materials...

National Work Zone Safety Information Clearinghouse
Library of Resources to Improve Roadway Work Zone Safety for All Roadway Users

Crash Information  Flagger Information  Training  Events and Conferences  Data Resources  Hot Topics

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Large Trucks in Work Zones

Featured Items:

Webinar: Improving Large Truck Safety through the Design and Operation of Work Zones (Training)
Work zones can create special challenges for drivers of large vehicles, such as commercial motor vehicles, due to space restrictions. Road work must take place within highway rights-of-way and, oft...

More

Strategies to Enhance Large Truck Safety in Work Zones (Training)
The webinar presented how various federal agencies, FHWA, Federal Motor Carrier Safety Administration (FMCSA), and National Highway Traffic Safety Administration (NHTSA), were trying to increase safety...

More

Design and Operation of Work Zone Strategies to Improve Large Truck Safety (Publication)
Resource Type: Manuals, Policies, Guidelines, and Handbooks, etc.
This document summarizes available methods for transportation agencies and road contractors to design and operate work zones to reduce the risk of large truck crashes. Key strategies include:

More

Safe Trucking Through Work Zones (Publication)
Resource Type: Brochures and Fact Sheets
This brochure offers safety tips for trucking through work zones. Statistics and the most commonly occurred types and locations of large truck crashes in work zones are also provided.

More
Questions?

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