

Roadway Safety +

DTFH61-06-G-00007

Introduction to *Roadway Safety+*

A Work Zone Safety and Health Training Program



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March 2017



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✦ Laborers' International Union of North America
✦ Laborers' Health and Safety Fund of North America
✦ LIUNA Training & Education Fund



✦ International Union of Operating Engineers
✦ American Road & Transportation Builders Association
✦ National Asphalt Pavement Association



✦ American Association of State Highway Transportation Officials

✦ Texas Transportation Institute



*National Institute of Occupational Safety and Health
Occupational Safety and Health Administration*
U.S. Federal Highway Administration**



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Consortium Partners

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**Provide Funding Grants*

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Presentation Media

- 35 Interactive Modules
- 6 Trainee Booklets
- 120-page Instructor Guide
- 29 Toolbox Pamphlets
- 14 Advisory Documents



Free web downloads

www.workzonesafety.org



Presentation Media

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RSP+ Courses

- Basic Awareness Course
- Night Work Course
- Runovers Course
- Disaster Response Course
- Advanced Course

RSP+ structure is flexible so you can combine modules as desired to create your own courses.

We'll look at each in turn ...

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RSP+ Basic Awareness Course

- Driving
- Excavations
- Health Hazards
- Operator Hazards
- Traffic Control Setup
- Electrical Hazards
- Falls
- Struck By
- Working Outdoors
- Sprains & Strains
- Emergencies
- Flagging Hazards
- Noise
- Night Work
- Runovers/Backovers

RSP+ Night Work Course

- Basics
- Risks
- Hi-Viz
- Temporary Lighting
- Night Flagging



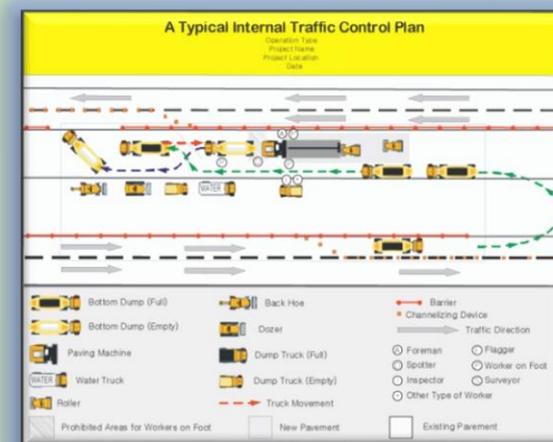
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RSP+ Runovers/Backovers Course

- Driving
- Excavations
- Operators/Drivers
- Contractors
- Agency/Owner



RSP+ Disaster Response Course

- Disaster Response
- Runovers/Backovers Basics
- Temporary Traffic Control Devices
- Operator Safety
- Struck/Crushed
- Working Outdoors



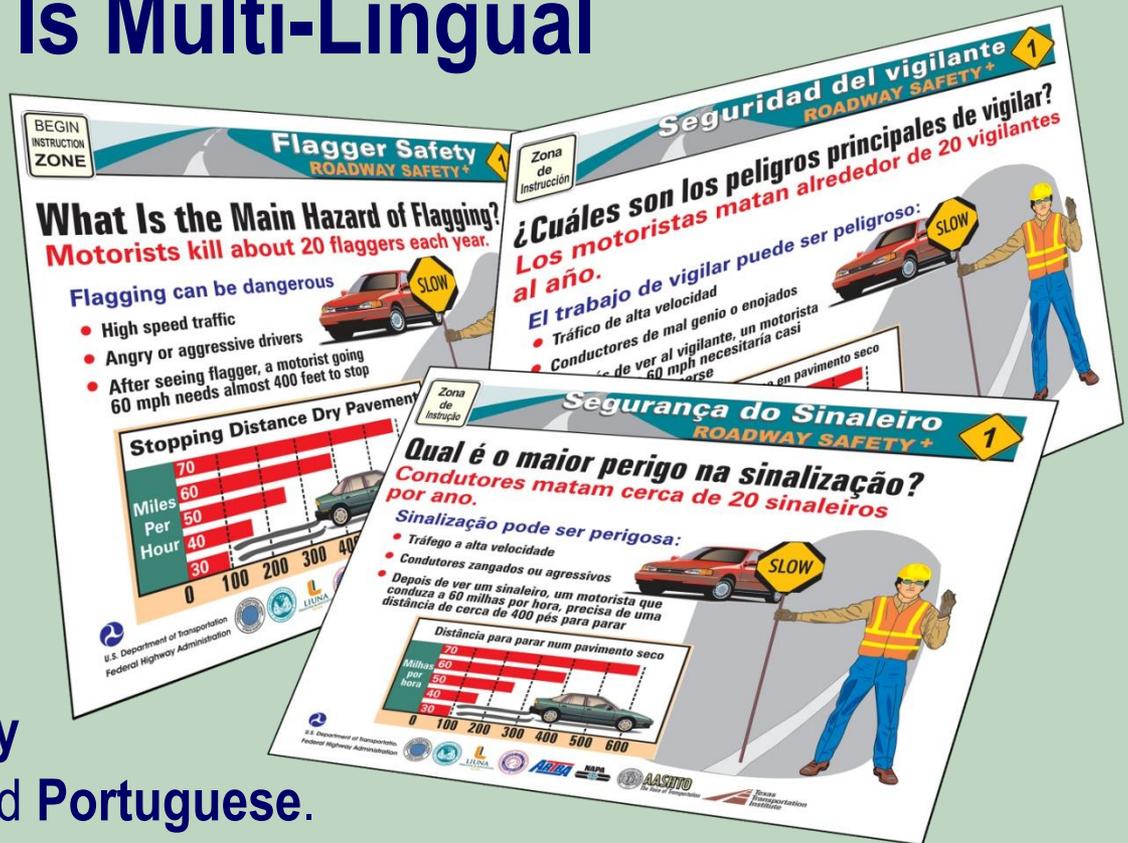
Worker Training Is Multi-Lingual

- English
- Spanish
- Portuguese

Professionally narrated slides reduce burden on bilingual instructors.

Presenter can switch instantly among English, Spanish, and Portuguese.

Most print products come in English, Spanish, and Portuguese.



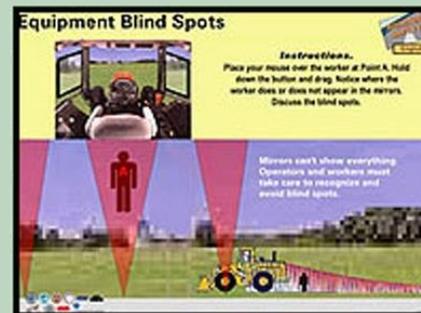
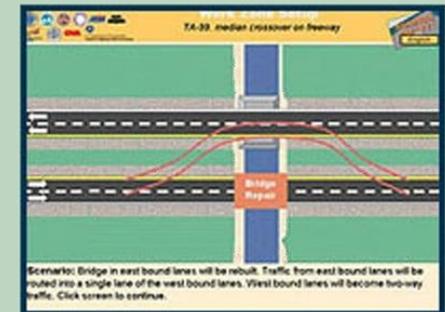
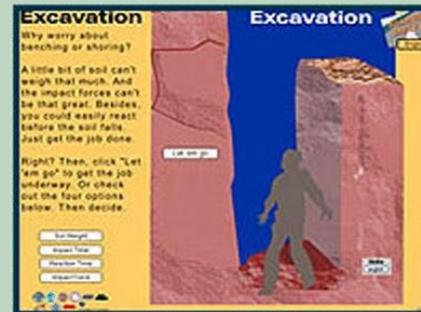
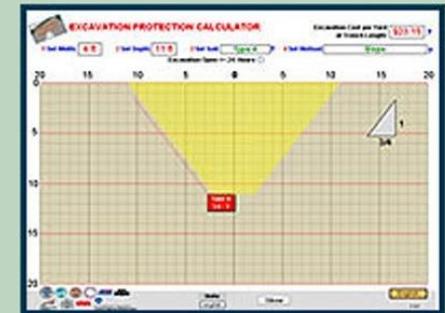
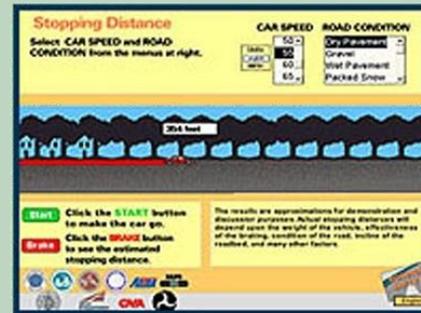
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Demonstrations

Interactive demos:

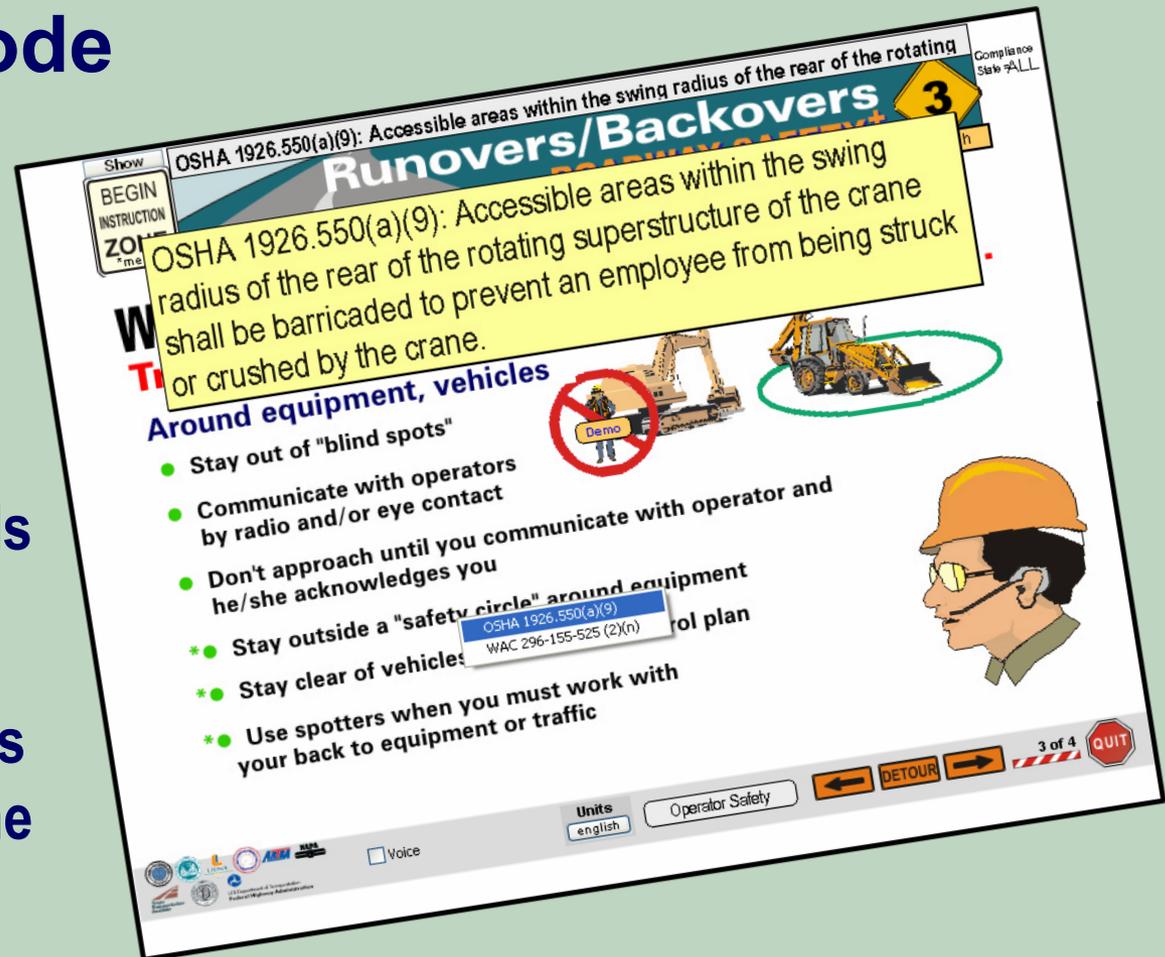
- Stopping Distance
- Excavation Calculator
- 3 Fall Protection Demos
- Placement of TTC Devices
- Equipment Blind Spots
- Night Visibility
- Electrical
- Struck-By / Flying Objects
- Noise
- Heat Stress
- Lifting . . . and many more!



'Compliance' Mode

Enables line by line display of many applicable federal, state, and industry consensus standards

Auto-Update allows addition of standards to database over time



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RSP+ Advanced Course

- TTC Tool Kit
- Speed Management
- Work Zone Access/Egress
- Advanced Fall Protection
- Motorcycle/Bicycle Safety
- Positive Protection
- Exposure Control Measures
- Other Control Measures

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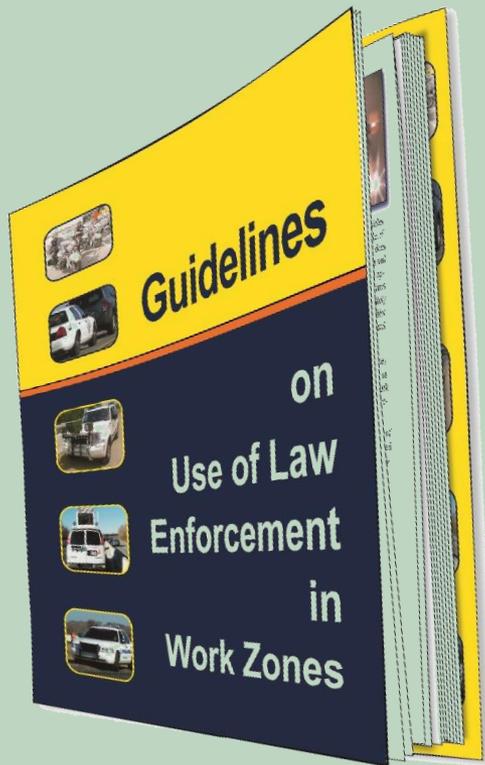
Roadway Safety Courses

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Technical Advice Documents (AVAILABLE FOR DOWNLOAD)

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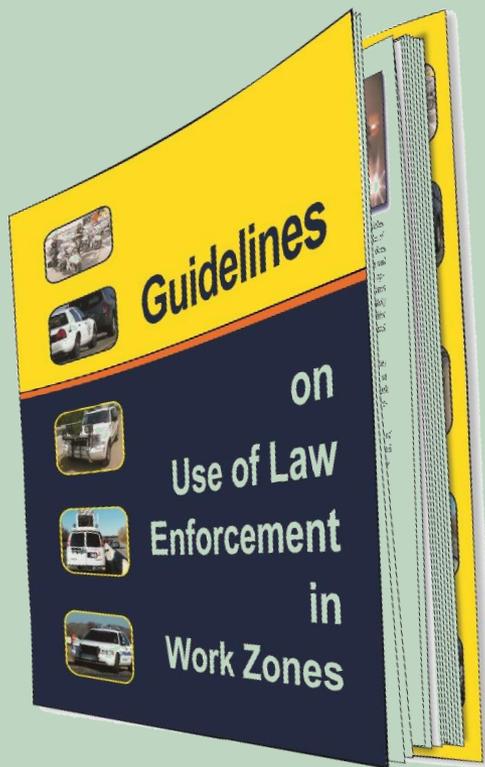
- *Internal Traffic Control Plans (ITCPs)*
- *Ensuring Work Zone Crashworthiness*
- *Accommodation of Pedestrians in Work Zones*
- *Flagging Operations on Low-Volume Roads*
- *TTC for Work Zones on Unpaved Roads*
- *Strategies to Improve Large Truck Safety*
- *Hazard Communication and GHS*
- *Fall Protection in Bridge Construction*
- *Work Zone Clear Zones, Buffer Spaces, and Positive Deflection Devices*



Technical Advice Documents (AVAILABLE FOR DOWNLOAD)

www.workzonesafety.org

- *Managing Speeds in Work Zones*
- *Work Zone Access and Egress*
- *Motorcycles and Bicycles Work Zone Safety*
- *Exposure Control Measures*
- *Ensuring Positive Guidance for Motorists*
- *Public and Traveler Information*
- *Strategies on Improving Worker Safety*
- *Use of Law Enforcement in Work Zones*
- *Payment for Temporary Traffic Controls*



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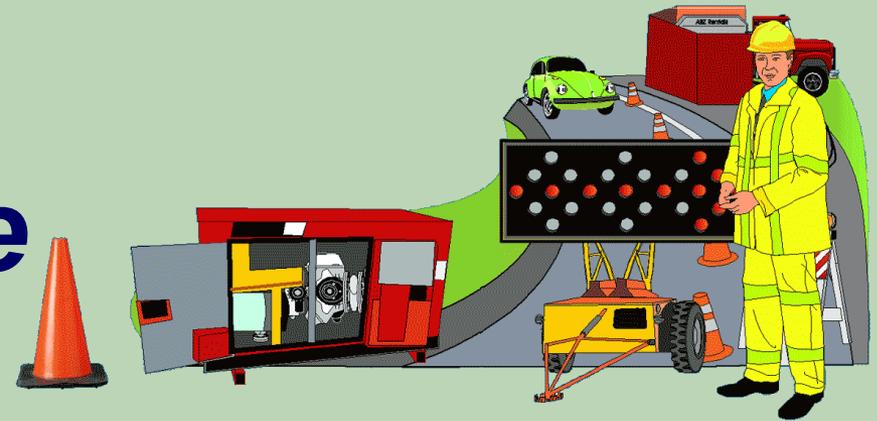
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Presented through



Work Zone Safety Alliance

by the



Roadway Safety Consortium



Conclusion

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Today's Menu

- *TTC Tool Kit*
- *Motorcycles/Bicycles*
- *Runovers/Backovers*
- *Excavations*



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