



workzonesafety.org

The National Conference on Work Zone Safety

Sponsored by the
National Work Zone Safety Information Clearinghouse



In partnership with
U.S. Federal Highway Administration and
American Road and Transportation Builders
Association-Transportation Development Foundation

Welcome to Baltimore!

Thirty years ago, the American Road & Transportation Builders Association Transportation Development Foundation (ARTBA-TDF) brought together construction executives and public agency officials for the landmark “National Conference on Highway Work Zone Safety.” It was the first of 14 national and international conferences, and educational workshops to share “best practices” and provide perspectives from “both sides of the barrel” in an effort to help reduce motorist and worker fatalities and injuries in these road construction sites.

In 2015, ARTBA-TDF and its National Work Zone Safety Information Clearinghouse remain leaders in the safety arena and are once again hosting this National Conference on Work Zone Safety. We are pleased to meet in conjunction with the “World of Asphalt” and hope you will take time to attend sessions at both events as well as visit the exhibit floor.

The Clearinghouse offers a wide variety of services including training materials, webinars, conferences and workshops. Most notably the Clearinghouse website (www.workzonesafety.org) fulfills nearly 200,000 information requests annually and is operated in partnership with the Texas Transportation Institute in College Station.

We hope you will attend as many sessions as possible so you can benefit from the experience and knowledge of our nationally-recognized presenters who have volunteered to share their best practices and insights with you!

For more information on the Clearinghouse and its services, contact Brad Sant (bsant@artba.org) or Una Connolly (uconnolly@artba.org) or visit our website, www.workzonesafey.org.



Workshops for the National Work Zone Safety Conference at World of Asphalt

Day One: Monday, March 16

8:00 a.m.

Welcome and Overview (Room 316/317)

ARTBA President and CEO, T. Peter Ruane and AASHTO Executive Director, Frederick "Bud" Wright will welcome conference attendees and provide an overview of their organizations' safety commitment and initiatives.

Bradley Sant and Una Connolly from ARTBA will share several new, groundbreaking initiatives being launched by the association to promote safety for all roadway users during construction operations.

9:15 a.m.

Mentoring Safety Managers: The “Best of the Best” Safety Programs (Room 316/317)

Bob Johnson, VP and Director of Safety for Granite Construction, will share insights and innovations that have led Granite to be one of the safest construction companies in the U.S., winning numerous national safety awards year after year. With decades of first-hand experience, Bob will help new and experienced safety professionals take their programs to the “next level” in safety.

9:15 a.m.

FHWA Every Day Counts: Smarter Work Zones and FHWA Work Zone Capability Maturity Framework (Room 314)

Through the Every Day Counts (EDC) initiative, FHWA works with state and local transportation agencies and industry stakeholders to identify a new collection of innovations to champion every two years. Innovations are selected collaboratively by stakeholders from across the highway community, taking into consideration market readiness, impacts, benefits and ease of adoption of the innovation. FHWA staff will provide examples of former achievements and will provide an overview of planned projects. Speakers include FHWA Work Zone team and Jerry Ullman of TTI.

10:30 a.m.

Break



11:00 a.m.

Roadway Safety+: The Industry's "Best" Award Winning Work Zone Safety Training Program (Room 316/317)

For over a decade several highly respected national organizations committed to worker safety have banded together to create and deliver Roadway Safety+: one of the best safety training programs in the industry. While this program has won national acclaim and awards, it is available free of charge through support from FHWA and OSHA. Emmett Russell, former director of safety for the International Union of Operating Engineers; Gary Fore, former VP of safety for the National Asphalt Pavement Association; and Don Elisburg, senior consultant to Labor, trade associations and federal agencies, will present an overview and provide free copies of this remarkable program.

11:00 a.m.

NCHRP 3-107: Work Zone Capacity Methods for the Highway Capacity Manual and MD-SHA Performance Measurement Dashboard and Automated Speed Enforcement Program (Room 314)

With the report in final review, be one of the first to discover the results that will be incorporated into the Major Update of the Highway Capacity Manual. Work zone mobility is a major concern for transportation agencies due to maintenance and construction needs and increasing traffic congestion. Nearly 24 percent of non-recurring congestion is caused by work zones and recent federal rules require systematic impact assessment during the planning, design, and construction of projects, as well as development of Transportation Management Plans for all federal-aid highway projects. A good understanding of work zone capacity is important for the proper use of spreadsheet/sketch-planning tools as well as simulation tools. Presented by Bastian Schroeder, ITRE, Eric Tabacek and Kay Adenaiya, MD-SHA.

12:00 p.m.

Lunch (on your own)



1:15 p.m.

Federal Regulatory Update Panel Discussion (Room 316/317)

Christine Branch, Director of the NIOSH Office of Construction Safety and Health; Paul Pisano, FHWA's Work Zone Team Leader and Jim Maddux, Director of OSHA's Directorate of Construction will discuss and answer questions related to their agencies' regulatory and safety promotion efforts in the transportation construction arena.

2:30 p.m.

Session Transition

2:40 p.m.

Preventing Falls during Bridge Construction, Inspection and Maintenance (Room 316/317)

Van Howell, retired OSHA Area Director and UCSD Training Institute Education Center Master Instructor will provide training on fall prevention during bridge construction and operations. Van's presentation will be based on a series of new guidance fact sheets being developed by ARTBA under its cooperative agreement with FHWA, aimed at promoting safety in roadway work zones.

2:40 p.m.

Flagging Safety for Local and Rural roads (Room 314)

Neal Carboneau, formerly with Purdue University and the Indiana LTAP program, and principal with the Transportation Training Institute, will share information on important nuances needed for flaggers in safely performing their duties on local and rural roadways. Neal's presentation is based on a new guidance document issued by ARTBA through its cooperative agreement with FHWA, aimed at promoting safety in roadway work zones.

3:10 p.m.

Break

3:30 p.m.

Clear Zones in Work Zones (Room 316/317)

Jerry Ullman, senior research engineer and manager of the Work Zone and Dynamic Message Sign Program at the Texas Transportation Institute, will provide instruction on an emerging important safety consideration: providing “clear zones” in roadway construction work zones. Jerry’s presentation is based on a new guidance document issued by ARTBA through its cooperative agreement with FHWA, aimed at promoting safety in roadway work zones.

3:30 p.m.

Voluntary Work Zone Standards—ANSI (Room 316/317)

Travis Parsons, LHSFNA will explain this comprehensive standard covering workers engaged in construction, utility work, maintenance, or repair activities on any area of a highway. Travis will cover practices such as Flagger Safety, Runover/Backover Prevention, Equipment Operator Safety, Illumination, Personal Protective Equipment, and much, much more.

4:00 p.m.

On-Line Education: ARTBA’s New Safety Learning Management System (Room 316/317)

Rod Wolford and Beth Larsen, two award-winning and nationally acclaimed safety education designers from FOF Communications, will share a new, free online education program with a number of work zone safety education courses. This expertly designed system is now available from ARTBA through its cooperative agreement with FHWA, aimed at promoting safety in roadway work zones.

4:00 p.m.

Temporary Traffic Control on Unpaved Roads (Room 314)

Bruce Drewes, former director of the Idaho LTAP program and nationally recognized training expert through the 3T Group, will present a workshop on the challenges and solutions when designing temporary traffic control on rural, unpaved roadways. Bruce’s presentation is based on a new guidance document issued by ARTBA through its cooperative agreement with FHWA, aimed at promoting safety in roadway work zones.

5:00 p.m.

Adjourn for the day

Day Two: Tuesday, March 17

1:00 p.m.

Preventing Work Zone Intrusions (Room 316/317)

Each year, scores of workers are killed when motorists cross into the work area of roadway work zones and strike construction workers, often killing or seriously injuring them. The sessions throughout the afternoon are focused on how we, as an industry, might better protect workers who labor on our nation's roadways.

Why Are We Here Today—Program Overview

- Bradley Sant, SVP Safety and Education, ARTBA
- Howard Marks, VP Environmental, Safety and Health, NAPA
- Lee Cole, VP Environmental, Health and Safety, Oldcastle Materials

Perspective from Industry Leaders

- Scott Schneider, LHSFNA
- Bob Johnson, Granite Construction
- Jerry Ullman, TTI

2:30 p.m.

Break

2:45 p.m.

State Interventions and Innovations to Protect Workers (Room 316/317)

- Jerral Wyer, Dir., Occupational Safety Div., Texas DOT.
- Robert Wight, Dir., Construction and Materials, Utah DOT.

3:45 p.m.

Break

4:00 p.m.

Technology Solutions to Protect Workers from Motorist Intrusion (Room 316/317)

- Kevin Groeneweg, Mobile Barriers
- Tim Cox, Plastic Safety Systems
- Rob Roy and Andrew Roberts, Royal Truck and Equipment

(Royal Truck will have a demo in the convention center parking lot)

5:00 p.m.

Conference Adjourn



U.S. Department of Transportation
Federal Highway Administration



American Road & Transportation Builders Association

Information provided by the National Work Zone Safety Information Clearinghouse Award #DTFH61-13-H-00022 does not necessarily reflect the views of the U.S. Federal Highway Administration, (FHWA) or the American Road & Transportation Builders Association-Transportation Development Foundation. References to specific products and services do not imply endorsement by Clearinghouse or FHWA.