



IRF
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Roadway Work Zone Safety

Expert training by professionals, for professionals

**Washington, DC USA
July 19-22, 2022**



Workshop



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Background

This in-person, interactive training workshop will cover the primary principles of Roadway Work Zone Safety. The content will be based on US and international standards as well as the hands-on experience of the course instructors. The workshop is addressed at highway agency executives, risk managers, occupational safety & health professionals, and private sector contractors. The main topics of the workshop include funding, contracts, and authority for work zones; roadway work zone elements and components; training for workers and supervisors; planning and implementation of work zones; maintenance and demobilization of work zones; preventing struck-by and runover/backover incidents; and safety for workers and the public.

Learning Objectives

- ✓ Gain an understanding of the many elements required for safe and effective work zones
- ✓ Recognize the main components of work zones
- ✓ Recognize and control risk at each stage of the work zone life cycle
- ✓ Appreciate the need for training each member of the work zone team
- ✓ Knowledge of the most up-to-date techniques of work zone management
- ✓ Protect vulnerable road users as they move to, through, and away from work zones
- ✓ Appreciate new and upcoming work zone technologies

Target Audience

- Road Safety Professionals
- Highway Engineers and Managers
- Federal and State Road Safety Agencies
- Project Implementation Units
- Private Consultants & Contractors

Agenda

Tuesday – Thursday (8:30 AM– 4:00 PM US EST); Friday (8:30 AM-11:00 AM)

Session 1: July 19 PRINCIPLES AND OBJECTIVES OF TEMPORARY TRAFFIC MANAGEMENT	Session 1 learning objectives: <ul style="list-style-type: none">• Anatomy of a work zone• Work zones in context of environments and expectations• Work zones: from concept to completion• Hazard recognition and mitigation• Framework: Funding, standards, MUTCD, contractors• Responsibility and liability issues• Performance standards and achieving high reliability• Work zone challenges and variables• Police roles and responsibilities• Road user education and compliance
Session 2: July 20 EQUIPPING THE WORK ZONE TEAM	Session 2 learning objectives: <ul style="list-style-type: none">• Temporary Traffic Control Plans – formal and informal• Applying the MUTCD• Training and supervision• State-of-the-art traffic control devices• Positive protection• Decisions based on time, location, economics, and risk• Flaggers: training, use, limitations• Typical applications, setup, management, takedown• Work zone inspection and documentation• Utility work zones
Session 3: July 21 WORK ZONE LAYOUT AND PROTECTION	Session 3 learning objectives: <ul style="list-style-type: none">• Warning schemes for equipment• Work zone lighting• High Visibility Safety Apparel (HVSA) standards• Sight lines and stopping distances• Preventing struck-by, runover, and backover incidents• Work zone layout application exercises• Detours, sidewalk closures, rerouting bicycles and pedestrians• Crash attenuators• Speed reduction strategies• Portable changeable message signs
Session 4: July 22 PROTECTING THE PUBLIC and PRIORITIZED ACTION PLAN	Session 4 learning objectives: <ul style="list-style-type: none">• Special circumstances: schools, critical routes, events• Traffic Incident Management (TIM)• Traffic disruption and emergency response• Caring for businesses, bus/rail stops, affected abutters• Dealing with uncooperative road users and hostile areas• Written and practical examinations• Personal application and prioritized action plan

Instructor



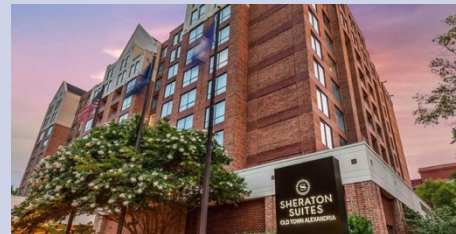
Chip Darius, MA, is a safety & health consultant and roadway safety expert with over 30 years of experience. He provides training and consulting in the areas of work zone safety, risk management, and occupational safety & health to client organizations in general industry, construction, utilities, and emergency response agencies. He frequently serves as an expert witness in legal matters regarding catastrophic injuries and fatalities. Chip has been an Instructor for the US Occupational Safety & Health Administration (OSHA) Training Institute Region 1 Education Center for 20 years, teaching regulatory compliance programs. He is a member of the US Centers for Disease Control National Occupational Research Agenda workgroup on Preventing Struck-by Injuries and Fatalities, and has served as a member of consensus standards committees for ISO, ANSI, NFSI, NFPA and ASTM. He has presented at multiple IRF training programs, and at other international and national conferences. Chip holds Bachelor's and Master's degrees from the University of Connecticut, is a certified Temporary Traffic Control Zones Supervisor, and holds multiple certifications and certificates in the fields of work zone safety and occupational safety & health.

Registration (hotel accommodation not included)

- 2,000 USD IRF Members
- 2,500 USD Non IRF Members
- 1,800 USD IFIs, SARF, Canadian/ US State DOTs & City Officials

Seminar Hotel:

Sheraton Suites
Old Town Alexandria
801 North Saint Asaph Street
Alexandria, Virginia 22314 USA
Tel: +1 703 836 4700



Website: <https://www.marriott.com/hotels/travel/wassi-sheraton-suites-old-town-alexandria/>

Registration: <https://www.irf.global/event/wzs22-ws-dc/>

For any support, please contact melabyad@irf.global

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