



IRF
GLOBAL

Safe Roads by Design:

Safer Road Work Zones

Comprehensive and certified training

Online Training
June 5-8, 2023



Online Training

10 Professional Development Hours



Safer Road Work Zones

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Online Workshop

Background

Work zones are a well-recognized potential hazard on our roads. They can be dangerous both for road users who have to manoeuvre through less-than-ideal road conditions, but also for those workers who build, repair, and maintain our roads, bridges, and highways. For this latter group, a road construction zone also represents their place of work.

This course is designed to equip road professionals with a theoretical and “hands on” understanding of Construction Site / Work Zone Safety Risk, including OSHA construction focus areas, regulatory compliance as well as Temporary Traffic Control Plans.

Why Online?

- Earn 10 Professional Development Hours
- Expert training by professionals for Professionals: access IRF’s unique curriculum and lectures developed by world-class specialists
- Accelerated learning processes: get up to speed and gain new insights in less time and with no travel constraints
- Full access to learning materials and session recordings
- Small classrooms & scheduled One-on-One sessions with instructors
- Self-paced options available
- Interactive group projects and case studies
- Receive IRF Certification



IRF Global is now recognized as an **approved training provider** by the Chartered Institution of Highways and Transportation (CIHT), a respected professional body that provides transportation professionals with recognition, support and business insights to accelerate their careers and influence the future of the sector.

Format

The lectures will be taught over a one-week period with live 2,5-hour on-line sessions held Monday through Thursday. Upon completion of the training program, the IRF will administer an on-line knowledge test. Participants with a score of 80% of the exam will be awarded with a certificate verifying their successful completion of the course.

Learning Objectives

Following completion of the course, delegates will:

- ✓ 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

- National Road & Transport Agency Executives
- Highway Engineers and Managers
- Federal and State Road Safety Agencies
- Road Safety Professionals
- Private Consultants & Contractors

Lead Instructor



Franklin A. "Chip" Darius Jr., MA, OHST, CSHO, CUSP, CIT

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.

Schedule

Monday through Wednesdays (8:00 AM– 10:30 AM US EDT, 14:00 – 16:30 CET, 17:00-19:30 GST)

Session 1	<ul style="list-style-type: none">• Principles & Objectives of Temporary Traffic Management Anatomy of a work zone, Work zones in context of environments and expectations, Hazard recognition and mitigation, Performance standards and achieving high reliability
Session 2	<ul style="list-style-type: none">• Equipping & Protecting the Workzone team: Temporary Traffic Control Plans, Applying the MUTCD, State-of-the-art traffic control devices, Positive protection, Decisions based on time, location, economics, and risk, Typical applications, setup, management, takedown, Utility work zones
Session 3	<ul style="list-style-type: none">• Protecting the Public: 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
Session 4	<ul style="list-style-type: none">• Mainstreaming Workzone safety: contract & tendering guidelines, Work zone inspection and documentation, Responsibility and liability issue, post-incident investigation techniques

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Better Roads. Better World.



IRF[®]
— GLOBAL —

International Road Federation

GLOBAL HEADQUARTERS & SECRETARIAT

Madison Place

500 Montgomery Street, Fifth Floor

Alexandria, VA 22314 USA

Telephone: +1 703 535 1001 Facsimile: +1 703 535 1007

REGIONAL OPERATIONS

Brussels, Belgium | Accra, Ghana

Nairobi, Kenya | Kuala Lumpur, Malaysia

TRAINING INSTITUTES

Alexandria, VA USA | Dubai, UAE | Zagreb, Croatia

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