

# *Michigan Rural Water Association*

## 2024

# Construction Work Week

Traffic Control ♦ Heavy Equipment ♦ Excavation



**May 7-9, 2024**

Dave Payne Public Services Bldg  
Public Services Visitor Entrance  
1153 Exeter Road  
Bloomfield Hills, MI 48302

**June 4-6, 2024**

City of Jackson  
DPW Building  
515 Water Street  
Jackson, MI 49201

**June 11-13, 2024**

City of Bay City  
DPW  
1645 Marquette Ave  
Bay City, MI 48706

Attend all 3 days  
and save.  
See registration  
form.



# Temporary Traffic Control Training

**May 7, 2024**  
 Dave Payne Public Services Bldg  
 Public Services Visitor Entrance  
 1153 Exeter Road  
 Bloomfield Hills, MI 48302

**June 4, 2024**  
 City of Jackson  
 DPW Building  
 515 Water Street  
 Jackson, MI 49201

**June 11, 2024**  
 City of Bay City  
 DPW  
 1645 Marquette Ave  
 Bay City, MI 48706

Temporary Traffic Control plays a vital role in providing safe and efficient traffic flow, ensuring the well being of workers and creating workspaces. Interruptions in normal traffic flow are often necessary in the Public Works industry. This training will provide the technical information required to work safely on Michigan’s highway right of ways. **Attendees are encouraged to bring the MMUTCD Part 6 to class.**

<b>AGENDA</b>	
8am – 8:30am	Registration
8:30 – 10:00am	<b>Introduction to MMUTCD Part 6 (MI Manual on Uniform Traffic Control Devices)</b> 1. Worksite accidents and statistics 2. MIOSHA Training Requirements 3. Fundamental Principles of Temporary Traffic Control
10:00 – 10:15am	Break
10:15am – 11:45am	<b>Temporary Traffic Control Plans</b> 1. Traffic Control Devices 2. Component Parts of a Temporary Traffic Control Zone 3. Review MDOT – Maintenance Workzone Traffic Control Guidelines Manual
11:45am – 12:15pm	Lunch (provided)
12:15pm – 1:45pm	<b>Work Zone Planning</b> 1. Work Duration    2. Work Location
1:45pm – 2pm	Break
2pm – 3:30pm	<b>2010 Michigan Traffic Regulator Instruction Manual</b> 1. One – Lane / Two-way Traffic Control    2. Worksite and Worker Safety

About your instructor Bruce Gasaway

- 25 years The Muskegon County Road Commission
- 20 years Temporary Traffic Control Instructor International Municipal Signal Assoc. (IMSA)
- 10 years Michigan State University Civil & Environmental Engineering Work Zone Classes
- Former State Advisory Committee Member for MI Manual of Uniform Traffic Control Devices Part 6
- 10 years City of Norton Shores part-time streets department worker.
- 6 year Arborist Skills Inc. Training Instructor
- 6 years The ASU Group Loss Control Consultant contractor for The County Road Commission Self Insurance Fund (CRASIF)

**CECs:**  
**0.6 Water, Other**  
**0.6 Wastewater, Other**



# Excavation & Heavy Equipment Operation Safety

**May 8, 2024**  
 Dave Payne Public Services Bldg  
 Public Services Visitor Entrance  
 1153 Exeter Road  
 Bloomfield Hills, MI 48302

**June 5, 2024**  
 City of Jackson  
 DPW Building  
 515 Water Street  
 Jackson, MI 49201

**June 12, 2024**  
 City of Bay City  
 DPW  
 1645 Marquette Ave  
 Bay City, MI 48706

Most water and wastewater utilities work with heavy equipment, backhoes, front loaders and heavy trucks. This class will provide training for the proper operation of heavy equipment. This training is focused on the proper operation and accident prevention topics. With this type of training, we can help prevent accidents, employee downtime and equipment repair which can help minimize cost to the community.

Agenda	
8am – 8:30am	Registration
8:30am – 10am	MIOSHA Requirements – Review Part 10, Lifting & Digging Equipment 1. Employer & Employee Responsibilities      2. Operator Training Requirements & Conduct 3. Lockout/Tagout      4. Hand Signals 5. Inspections (Equipment & MIOSHA Part 49, Slings) 6. Energized Parts/Clearances      7. Swing Radius, Blind Spots and Safe Backing 8. Personal Protective Equipment (MIOSHA Part 13, Mobile Equipment)  Operators Manual Overview 1. Safety Section      2. Warning Labels 3. Components/Controls      4. Inspections, Start-up & Shutdown 5. Operating Procedures & Maintenance
10am – 10:15am	Break
10:15am – 11:45am	Review MIOSHA Part 9, Excavation, Shoring & Trenching 1. Regulations      2. Common Practices      3. DVD (20min)
11:45am – 12:30pm	Lunch (provided)
12:30pm – 1:45pm	Worksite Accident Prevention 1. Miss Dig/Utilities      2. Temporary Traffic Control      3. Worksite Safety DVD (20min)
1:45pm – 2pm	Break
2pm – 3pm	Hands-On, Walk Around Inspection/Operations 1. Hands-on, Pre Trip Inspection      2. Sling Inspection & Use      3. Accident Prevention
3:00pm	Adjourn

**About your instructor Bruce Gasaway**

- 4 years - Loss Control Consultant for CRASIF (County Road Association Self Insurance Fund) providing Safety Audits and Safety Training for 34 County Road Commissions in Central and Southern MI.
- MMUTCD State Advisory Committee Member
- 10 years - Work Zone Traffic Control Instructor Michigan State University Civil & Environmental Engineering Classes.
- 20 years – Work Zone Traffic Control Instructor IMSA (International Municipal Signal Association)
- 25 years – Muskegon County Road Commission Traffic Operations & Safety Coordinator

**CECs:**  
**0.5 Water, Other**  
**0.5 Wastewater, Other**



# Excavation & Trench Hazard Control Qualified Person Training

**May 9, 2024**  
 Dave Payne Public Services Bldg  
 Public Services Visitor Entrance  
 1153 Exeter Road  
 Bloomfield Hills, MI 48302

**June 6, 2024**  
 City of Jackson  
 DPW Building  
 515 Water Street  
 Jackson, MI 49201

**June 13, 2024**  
 City of Bay City  
 DPW  
 1645 Marquette Ave  
 Bay City, MI 48706

The content of the program includes the scope and application of MIOSHA Part 9 – Excavations, Trenching, and Shoring. The class will detail the MIOSHA Excavation Standards; Definitions; and requirements for trench protective systems, soil classification, and handling of MIOSHA inspections.

Participants receive a pocketbook of the MIOSHA Part 9 Excavation Standards and are expected to pass an open book test with a grade of 80 percent. Those who successfully complete the program with a passing grade receive a Certificate of Completion wallet card and a hardhat decal. The Certificate of Completion card may then be used by the student’s supervisor to authorize the student to conduct the duties of a Qualified Person on job sites.

## OBJECTIVES

At the conclusion of this class, participants should be able to: display knowledge of the MIOSHA Excavation Standard; identify hazards associated with trenches and excavations; demonstrate correct soil testing procedures; and understand the different types of trench protective systems.

## COURSE OUTLINE

- Hazards in Underground Construction
- Specific Excavation Considerations
- Selection & Use of Protective Systems
- Exam & Evaluation
- Scope of MIOSHA Part 9 & OSHA Subpart P
- Soil Classification
- Identification of Hazards & Student Exercises

Agenda	
8am – 8:30am	Registration
8:30am – 10am	Instruction
10am – 10:15am	Break
10:15am – 11:45am	Instruction
11:45am – 12:30pm	Lunch (provided)
12:30pm – 1:45pm	Instruction
1:45pm – 2pm	Break
2pm – 3pm	Instruction
3:00pm	Adjourn

**CECs:**  
**0.5 Water, Other**  
**0.5 Wastewater, Other**

Instructor Ron Wey, Efficiency Production



**WAYS TO REGISTER**

**Website:** [www.mrwa.net](http://www.mrwa.net) Click login at the very top of the page and enter your email address. If found, follow the prompts to set up a password. If not found, call the MRWA office.

**Email:** [training@mrwa.net](mailto:training@mrwa.net)

**Mail:** MRWA, 2127 University Park Drive, Ste 340, Okemos, MI 48864

**If registering for all 3 classes it must be the same attendee for each class to receive the special pricing**

**ONE FORM PER ATTENDEE: Attendee cell phone and attendee email address required**

(Info is not shared with outside parties). Registration will not be processed without this info.

Select which class(es) you will attend	Class	Member (each)	Non-Member (each)
	Temporary Traffic Control, May 7, 2024, Bloomfield Hills	\$250	\$305
	Heavy Equipment, May 8, 2024, Bloomfield Hills	\$250	\$305
	Excavation & Trench, May 9, 2024, Bloomfield Hills	\$250	\$305
	Traffic, Heavy Equip & Excavation, May 7-9, 2024, Bloomfield Hills (Discount To Attend All 3. Must Be Same Attendee) Call MRWA to Register For This Option 517-657-2601 or <a href="mailto:training@mrwa.net">training@mrwa.net</a>	\$675	\$840
	Temporary Traffic Control, June 4, 2024, Jackson	\$250	\$305
	Heavy Equipment, June 5, 2024, Jackson	\$250	\$305
	Excavation & Trench, June 6, 2024, Jackson	\$250	\$305
	Traffic, Heavy Equip & Excavation, June 4-6, 2024, Jackson (Discount To Attend All 3. Must Be Same Attendee) Call MRWA to Register For This Option 517-657-2601 or <a href="mailto:training@mrwa.net">training@mrwa.net</a>	\$675	\$840
	Temporary Traffic Control, June 11, 2024, Bay City	\$250	\$305
	Heavy Equipment, June 12, 2024, Bay City	\$250	\$305
	Excavation & Trench, June 13, 2024, Bay City	\$250	\$305
	Traffic, Heavy Equip & Excavation, June 11-13, 2024, Bay City (Discount To Attend All 3. Must Be Same Attendee) Call MRWA to Register For This Option 517-657-2601 or <a href="mailto:training@mrwa.net">training@mrwa.net</a>	\$675	\$840

ATTENDEE Name:
Employer:
Address:
City/State/ZIP:
<b>ATTENDEE CELL Phone:</b> _____ <b>ATTENDEE Email:</b> _____
Any special dietary requirements?
Name & phone of person completing form:
Send and invoice: _____ Charge my credit card info below: _____
Visa ___ Mastercard ___ Discover ___ Card number: _____
Expiration date: _____ CSC code: _____
Name on card: _____
Card Billing address: _____
Email address to send receipt to: _____

Payment/  
Cancellation  
Policy: Payment is expected prior to class. Cancellations must be requested at least 3 business days prior to the start of the class or your registration fee will be forfeited. If you cancel least 3 business days prior to the start of class, the full amount may be refunded. You may send a substitute attendee.

Michigan Rural Water Association  
2127 University Park Dr Ste 340  
Okemos MI 48864

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*Michigan Rural Water Association*

**Construction Work Week**

Traffic Control ♦ Heavy Equipment ♦ Excavation



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