Work Zone Updates

By Jake VanZalen
MDOT Work Zone Staff Engineer
MOT Boilerplate Update

• The new document will be more user friendly.
• The in-document instructions are in the form of comments, instead of hidden text.
MOT Boilerplate Update

10. Material and work to maintain drives open to traffic must be in accordance with the Special Provision for Driveway and Intersection Maintenance.

11. When not in use, close all temporary crossovers constructed for this project as detailed on the plans to prohibit access, as directed by the Engineer.

12. Cover or remove construction signing that refers to work zone speed when work at a location is planned to be inactive for a period greater than 2 days, unless otherwise specified on the plans or as directed by the Engineer.

13. Once work is initiated that includes any lane restrictions, that work must be continued daily until completed. A lack of work activity for more than 3 days will require the removal of lane closures at no expense to the Department.

**Traffic Regulator Control.**

1. Maintain two-way traffic at all times on (route/segment) using traffic regulator control. A traffic regulator sequence is allowed to cover a maximum closure length of (n) miles. Place the arrow panels, signs and channelizing taper for the traffic regulator operation at locations approved by the Engineer for adequate visibility by oncoming traffic.

2. Do not utilize more than (n) traffic regulator operation(s) at one time on (route).

3. Provide at least (n) miles between consecutive traffic regulator operations.

4. Crossroads must remain open to traffic at all times. Use intermediate traffic regulators at each intersection approach and commercial driveways within the closure limits, as directed by the Engineer. Use traffic regulator control as directed by the Engineer for cross street traffic while paving through intersections.

5. Follow the Michigan Traffic Regulator’s Instruction Manual for operations at signalized intersections. Contact the MDOT region electrician or applicable maintaining agency prior to work on traffic signals. Only the MDOT region electrician or applicable maintaining agency may make changes to the traffic signal controllers.

**Stage Construction.** Maintain traffic in accordance with the restrictions listed in section d. Traffic Restrictions and the suggested sequence of operations contained herein. Use of an alternate traffic control plan is subject to review and approval by the Engineer.

**Direction to Designer**

11. Include ONLY if the Special Provision for Driveway and Maintenance is included in the contract.

13. Only include in projects with crossovers.

**Direction to Designer**

(4) Payment for these items is included in the pay item “Traffic Regulator Control.”

**Direction to Designer**

(6) Payment for these items is included in the pay item “Traffic Regulator Control.”

**Direction to Designer**

Note to design: Verify that the traffic restriction today and ramp closure durations allow for all the planned work to be completed under the suggested traffic control staging.
Work Zone Listserve

MDOT / DOING BUSINESS

Work Zone Mobility

The Work Zone Safety and Mobility (WZSM) Final Rule was published on September 9, 2004, in the Federal Register. All state and local government agencies that receive federal-aid funding are required to be compliant with the provisions of the final rule.

The Work Zone Final Rule updates and broadens the former regulation at 23 CFR 630 Subpart J to address and emphasize current issues affecting work zone safety and mobility. The changes to the CFR will encourage broader consideration of the safety and mobility impacts of work zones across project planning, development, and the implementation of strategies that help manage those impacts during project delivery.


https://Michigan.gov/mdotworkzones
Work Zone Listserve

Local Agency Programs
Bruce Kadzban, Engineer Manager, 517-335-2229

Utility and Construction Permits
Joe Rios, Statewide Construction Permit Coordinator, 517-241-2103

Receive E-mail Updates
Sign up for e-mail updates for Work Zone Safety and Mobility through MDOT’s GovDelivery e-mail system.

Advisories
SOA 2017-003 - 75 MPH Work Zone Speed Limits
SOA 2017-002-Drum and 42 Channelizing Device QC Process - Payment
SOA 2017-001 - Temporary Traffic Control Certification and Acceptance Procedure
SOA 2016-004 Drum and 42 Channelizing Device Quality Compliance Process
SOA 2016-003 - WZD-100-A Ground Driven Sign Supports for Temp Signs Update
SOA 2016-002 Fluorescent sheeting Implementation
SOA 2016-001 - Temporary Pavement Marking Revisions
System Operations Advisories
Worker Visibility Construction Advisory
Traffic and Safety Advisories
Action Team 7

- Use Statements developed for Temporary Rumble Strips, Stop Traffic Advisory and Speed Trailers.
- Working to develop section of Special Provisions website that better identifies Work Zone Technology SPs.
- Investigating what new work zone technology is available to improve current work zones that is being used by other DOTs.
Temporary Rumble Strips (Orange) Use Statement –

*Use in all freeway projects where a lane closure or crossover shift will be in the same location for 14 consecutive days or longer. Optional use for local agency and all other Trunk line Projects.*
Radar Speed Trailer Use Statement

Use in all projects with an existing 2 or more lanes in each direction where the existing speed limit is 55 mph or higher and a speed reduction is required during construction for longer than 4 hours. Optional use for local agency and all other Trunkline Projects.
Dynamic Stopped Traffic Advisory System – Use statement – TBD – Feedback?
Utilizing Waze

• There are approximately 30 million Waze users in the US.
• Users can report construction in the app.
Temporary Tape Update

- Pavement Marking Changes
  - 4” to 6 “ lane and edge markings
  - 8” to 12” Gores
  - Shifts will be changing to 6”
Questions?

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