
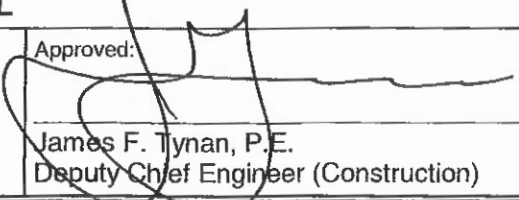


<b>To:</b> <b>SUPERSEDED BY EB 20-038</b> <b>EFFECTIVE 9/3/20</b>		New York State Department of Transportation <b>ENGINEERING</b> <b>INSTRUCTION</b>	<b>EI</b> <b>10-019</b>
<b>Title: TRANSITION TO THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)</b> <b>PART 6 TEMPORARY TRAFFIC CONTROL</b>			
<b>Distribution:</b> <input checked="" type="checkbox"/> Manufacturers (18) <input checked="" type="checkbox"/> Local Govt. (31) <input checked="" type="checkbox"/> Agencies (32)	<input checked="" type="checkbox"/> Surveyors (33) <input checked="" type="checkbox"/> Consultants (34) <input checked="" type="checkbox"/> Contractors (39) <input type="checkbox"/> _____ ( )	<b>Approved:</b>  James F. Tynan, P.E. Deputy Chief Engineer (Construction)	6-25-10 Date

**ADMINISTRATIVE INFORMATION:**

- This Engineering Instruction (EI) is effective upon signature.
- This EI does not supersede any other issuances.

**PURPOSE:**

To issue guidance for the transition to the 2009 Manual on Uniform Traffic Control Devices (MUTCD) Part 6 Temporary Traffic Control for active projects.

**TECHNICAL INFORMATION:**

The MUTCD includes changes to *Work Zone* plaques over *Speed Limit* signs, *Shoulder Drop-off* signs, *End Speed Zone* signs, *Right Lane Closed* signs, and *Two Right Lanes Closed* signs, *Slow Moving Vehicle* signs, as well as sign size changes to *Road Work Next XX Miles*, *End Road Work*, *Next X Mile*, and *Bumps* signs. The following guidance enables the continued use of certain signs where included in contracts let prior to 01/06/11.

- The MUTCD requires *Work Zone* plaques (G20-5aP) to replace the *Work Zone* plaques (NYW8-45) from the NYS Supplement to the 2003 MUTCD for *Speed Limit* signs in a work zone. The *Work Zone* plaque (G20-5aP) has two lines of text and is larger than the *Work Zone* plaque (NYW8-45). Contractors may use existing inventories of the *Work Zone* plaques (NYW8-45).
- The MUTCD requires *Shoulder Drop-Off* signs (W8-17) for unprotected drop-offs greater than three inches and *Low Shoulder* signs (W8-9) for unprotected drop-offs of three inches or less. Standard Specification 619-3.02 K with Table 619-3 currently indicates using *Low Shoulder* signs for certain unprotected drop-offs outside of shoulder edge. Contractors may use existing inventories of *Low Shoulder* signs (W8-9).
- The MUTCD requires *End Work Zone Speed Limit* signs (R2-12) to replace the *End Speed Zone* signs (NYR2-11) from the NYS Supplement to the 2003 MUTCD. The *End Work Zone Speed Limit* sign may be posted at the downstream end of a reduced work zone speed limit. Contractors may use existing inventories of *End Speed Zone* signs (NYR2-11).
- The MUTCD requires *Right Lane Closed 1/2 Mile* signs (W20-5) consisting of four lines of text to replace the *Right Lane Closed 1/2 Mile* signs (W20-5) from the 2003 MUTCD, which consisted of three lines of text. Contractors may use existing inventories of 2003 MUTCD *Right Lane Closed 1/2 Mile* signs with three lines of text.

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- The MUTCD requires 2 *Right Lanes Closed ½ Mile* signs (W20-5a) to replace the *Right Two Lanes Closed ½ Mile* signs (W20-5a) from the 2003 MUTCD. Contractors may use existing inventories of 2003 MUTCD Right Two Lanes Closed ½ Mile signs.
- The MUTCD requires *Road Work Next XX Miles* signs (G20-1), 48 inches by 24 inches, to replace smaller 42 inch by 24 inch signs from the 2003 MUTCD. Contractors may use existing inventories of the smaller 2003 MUTCD Version of *Road Work Next XX Miles* signs.
- The MUTCD requires a *Slow Moving Vehicle* signs (W21-4), 36 inches by 18 inches, to replace *Slow Moving Equipment* signs specified in Standard Specification Section 619. Contractors may use existing inventories of the *Slow Moving Equipment* sign.
- The MUTCD requires *End Road Work* signs (G20-2), 48 inch by 24 inch, to replace smaller 42 inch by 24 inch *End Road Work* signs from the 2003 MUTCD. Contractors may use existing inventories of the smaller 2003 MUTCD version of the *End Road Work* sign.
- The MUTCD requires *Next X Mile* distance plaques (W7-3aP), 36 inch by 30 inch, for freeways and expressways, to replace smaller 24 inch by 18 inch plaques from the 2003 MUTCD. Contractors may use existing inventories of the 2003 MUTCD version of the *Next X Mile* plaque.
- The MUTCD requires *Bump* sign (W8-1), 48 inch by 48 inch signs, to replace smaller 36 inch by 36 inch signs for freeways and expressways and 36 inch by 36 inch signs, to replace smaller 30 inch by 30 inch signs for conventional roads from the 2003 MUTCD. Contractors may use existing inventories of 2003 MUTCD version *Bump* signs.
- The noted changes should have no significant cost impact.
- An Engineering Bulletin providing design guidance is being issued concurrently via EB 10-019 entitled "Adoption of the 2009 National Manual on Uniform Traffic Control Devices". EB 10-019 requires that all projects let on or after 01/06/11 comply with the MUTCD.

### IMPLEMENTATION:

- Regional Construction Groups may contact Regional Traffic Groups for assistance in determining what, if any work zone traffic control features need to be modified to be compliant with the 2009 MUTCD.
- Contractors should begin replacing their inventory of the aforementioned signs and plaques to comply with the 2009 MUTCD. All work zone traffic control signs must comply with the 2009 MUTCD by 01/01/13.
- Engineers-in-Charge of ongoing contracts, let prior to 01/06/11, should provide the Contractor with a copy of this EI and file a copy with the contract records as documentation of any required changes in accordance with the Contract Administration Manual (CAM) §104-02.

**TRANSMITTED MATERIALS:**

A diagram illustrating 2009 MUTCD changes to *Work Zone* plaques, *Shoulder Drop-off* signs, *End Speed Zone* signs, *Two Right Lanes Closed* signs, *Right Lane Closed* signs, and *Slow Moving Vehicle* signs from the 2003 MUTCD.




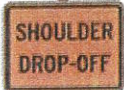

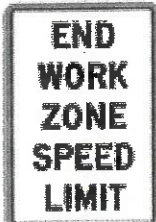







**BACKGROUND:**

- The 2009 Edition of the MUTCD was adopted by New York State on 01/15/2010.
- Work zone traffic control must be MUTCD compliant. Work zone traffic control must be completed in compliance with the MUTCD and in accordance with the contract documents.

**CONTACT:**

Questions regarding this EI should be directed to:

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Rochelle Hosley ([RHosley@dot.state.ny.us](mailto:RHosley@dot.state.ny.us)) of the Office of Traffic Safety at (518)-457-0368

NEW (2009 MUTCD)	OLD (2003 MUTCD/NYS Supplement)
 <p><b>WORK ZONE</b> G20-5aP</p>	 <p><b>WORK ZONE</b> NYW8-45</p>
 <p>W8-17</p>  <p>SHOULDER DROP-OFF W8-17P</p>	 <p>SHOULDER DROP OFF</p> <p>W8-9a</p>
 <p><b>END WORK ZONE SPEED LIMIT</b></p> <p>R2-12</p>	 <p><b>WORK ZONE</b> <b>END 35 MPH LIMIT</b></p> <p>R2-11</p>
 <p>RIGHT LANE CLOSED 1/2 MILE</p> <p>W20-5</p>	 <p>RIGHT LANE CLOSED 1/2 MILE</p> <p>W20-5</p>
 <p>2 RIGHT LANES CLOSED 1/2 MILE</p> <p>W20-5a</p>	 <p>RIGHT TWO LANES CLOSED 1/2 MILE</p> <p>W20-5a</p>
 <p>SLOW MOVING VEHICLE</p> <p>W21-4</p>	 <p><b>SLOW MOVING EQUIPMENT</b></p>