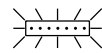


KEY



TRAFFIC REGULATOR



LIGHTED ARROW PANEL
(CAUTION MODE)



TYPE C STEADY BURN WARNING LIGHT
(REQUIRED AT NIGHT)



TRAFFIC FLOW

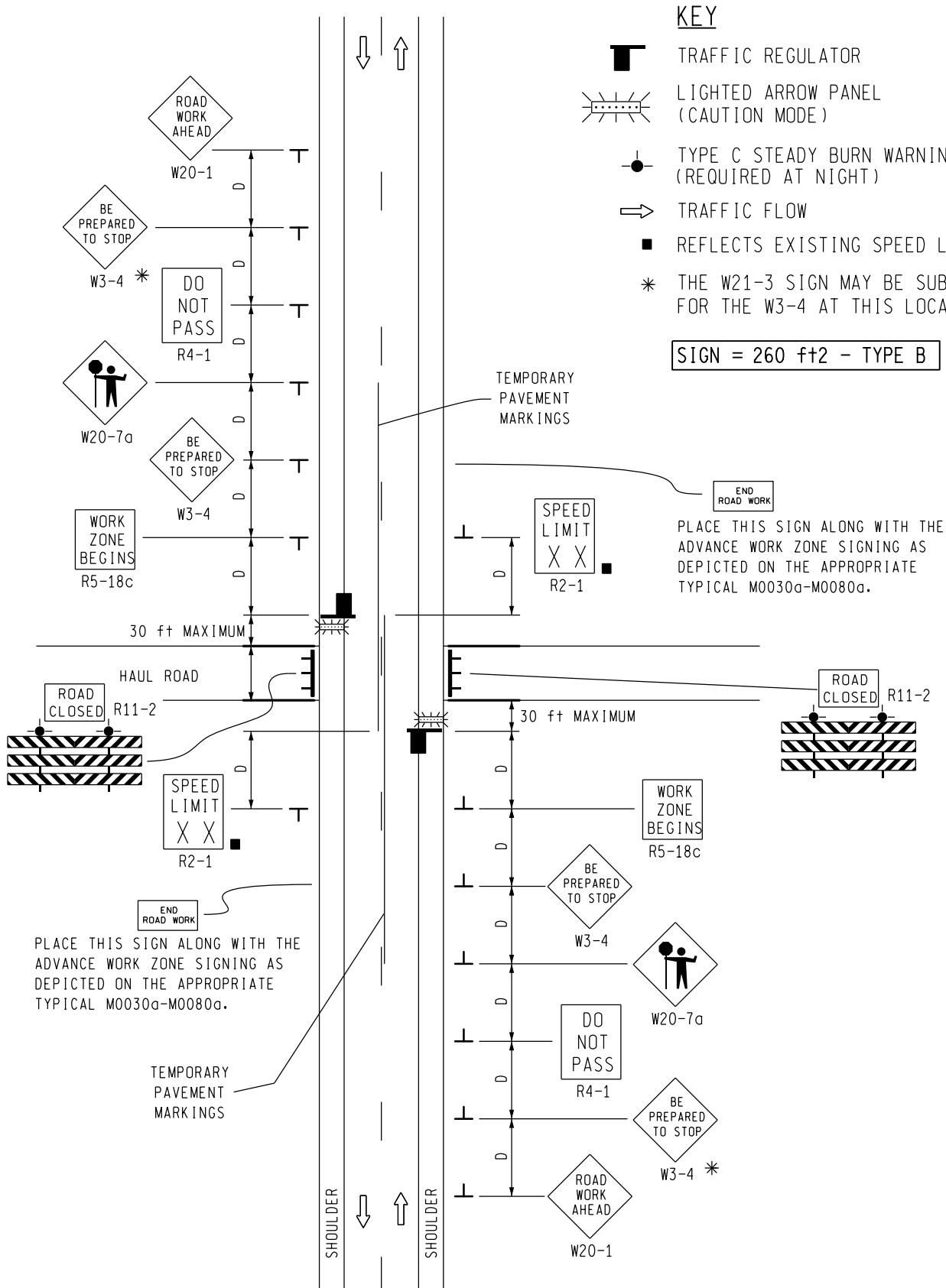


REFLECTS EXISTING SPEED LIMIT



* THE W21-3 SIGN MAY BE SUBSTITUTED
FOR THE W3-4 AT THIS LOCATION

SIGN = 260 ft² - TYPE B



<p>TRAFFIC AND SAFETY TYPICAL</p>		<p>TYPICAL TEMPORARY TRAFFIC CONTROL FOR A HAUL ROAD ON A TWO-LANE TWO WAY ROADWAY WHERE A TOTAL TRAFFIC STOPPAGE IS REQUIRED UTILIZING TRAFFIC REGULATORS, NO SPEED REDUCTION</p>	
<p>DRAWN BY: CON:AE:djf CHECKED BY: BMM:CRB</p>	<p>OCTOBER 2011 PLAN DATE:</p>	<p>M0170a</p>	<p>SHEET 10F 2</p>
<p>FILE: PW RD/TS/Typicals/Signs/MT NON FWY/M0170a.dgn REV. 10/06/2011</p>			

NOT TO SCALE

NOTES

- 1A. SEE M0020a FOR "D" VALUES.
2. ALL NON-APPLICABLE SIGNING WITHIN THE CIA SHALL BE MODIFIED TO FIT CONDITIONS, COVERED OR REMOVED.
3. DISTANCES BETWEEN SIGNS, THE VALUES FOR WHICH ARE SHOWN IN TABLE D, ARE APPROXIMATE AND MAY NEED ADJUSTING AS DIRECTED BY THE ENGINEER.
- 3A. THE "WORK ZONE BEGINS" (R5-18c) SIGN SHALL BE USED ONLY IN THE INITIAL SIGNING SEQUENCE IN THE WORK ZONE. SUBSEQUENT SEQUENCES IN THE SAME WORK ZONE SHALL OMIT THIS SIGN AND THE QUANTITIES SHALL BE ADJUSTED APPROPRIATELY.
6. WHEN CALLED FOR IN THE FHWA ACCEPTANCE LETTER FOR THE SIGN SYSTEM SELECTED, THE TYPE A WARNING FLASHER, SHOWN ON THE WARNING SIGNS, SHALL BE POSITIONED ON THE SIDE OF THE SIGN NEAREST THE ROADWAY.
7. ALL TEMPORARY SIGNS, TYPE III BARRICADES, THEIR SUPPORT SYSTEMS AND LIGHTING REQUIREMENTS SHALL MEET NCHRP 350 CRASHWORTHY REQUIREMENTS STIPULATED IN THE CURRENT EDITION OF THE MICHIGAN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION, THE STANDARD PLANS AND APPLICABLE SPECIAL PROVISIONS. ONLY DESIGNS AND MATERIALS APPROVED BY MDOT WILL BE ALLOWED.
9. ALL TRAFFIC REGULATORS SHALL BE PROPERLY TRAINED AND SUPERVISED.
- 9A. IN ANY OPERATION INVOLVING MORE THAN ONE TRAFFIC REGULATOR, ONE PERSON SHOULD BE DESIGNATED AS HEAD TRAFFIC REGULATOR.
10. ALL TRAFFIC REGULATORS' CONDUCT, THEIR EQUIPMENT, AND TRAFFIC REGULATING PROCEDURES SHALL CONFORM TO THE CURRENT EDITION OF THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MMUTCD) AND THE CURRENT EDITION OF THE MDOT HANDBOOK ENTITLED "TRAFFIC REGULATORS INSTRUCTION MANUAL."
11. WHEN TRAFFIC REGULATING IS ALLOWED DURING THE HOURS OF DARKNESS, APPROPRIATE LIGHTING SHALL BE PROVIDED TO SUFFICIENTLY ILLUMINATE THE TRAFFIC REGULATOR'S STATIONS.
14. ADDITIONAL SIGNING AND/OR ELONGATED SIGNING SEQUENCES SHOULD BE USED WHEN TRAFFIC VOLUMES ARE SIGNIFICANT ENOUGH TO CREATE BACKUPS BEYOND THE W3-4 SIGNS.
15. THE HAND HELD (PADDLE) SIGNS REQUIRED BY THE MMUTCD TO CONTROL TRAFFIC WILL BE PAID FOR AS PART OF FLAG CONTROL.
17. THE HAND HELD (PADDLE) SIGNS USED FOR THIS SEQUENCE SHALL DISPLAY "STOP" ON BOTH SIDES. WHEN THE TRAFFIC REGULATOR IS RELEASING TRAFFIC, THE "STOP" PADDLE SHALL BE TURNED 1/4 TURN AWAY FROM TRAFFIC.
18. CARE SHOULD BE TAKEN IN THE SELECTION OF THE LOCATION FOR THE HAUL ROAD TO ASSURE GOOD SIGHT DISTANCE FOR THE MOTORIST. HORIZONTAL AND VERTICAL CURVES AND INTERSECTING ROADWAYS IN CLOSE PROXIMITY TO THE HAUL ROAD LOCATION SHOULD BE AVOIDED AS MUCH AS POSSIBLE. THE LOCATION AND WIDTH OF THE HAUL ROAD REQUIRES PRIOR APPROVAL OF THE ENGINEER.
19. ALL EQUIPMENT OPERATORS WHO USE THE HAUL ROAD SHALL STOP AND VERIFY THAT THE TRAFFIC REGULATORS HAVE TRAFFIC STOPPED AND UNDER CONTROL BEFORE ENTERING ONTO THE HIGHWAY.
20. WHEN THE HAUL ROAD IS NOT IN USE, LIGHT TYPE III BARRICADES WITH "ROAD CLOSED" SIGNS SHALL BE IN PLACE, AND SHALL EXTEND COMPLETELY ACROSS THE HAUL ROAD.

SIGN SIZES

DIAMOND WARNING	- 48" x 48"
R2-1 REGULATORY	- 48" x 60"
R4-1 REGULATORY	- 48" x 60"
R5-18c REGULATORY	- 48" x 48"
R11-2 REGULATORY	- 48" x 30"

NOT TO SCALE

 TRAFFIC AND SAFETY MAINTAINING TRAFFIC TYPICAL	TYPICAL TEMPORARY TRAFFIC CONTROL FOR A HAUL ROAD ON A TWO-LANE TWO WAY ROADWAY WHERE A TOTAL TRAFFIC STOPPAGE IS REQUIRED UTILIZING TRAFFIC REGULATORS, NO SPEED REDUCTION		
DRAWN BY: CON:AE:djf	OCTOBER 2011	M0170a	SHEET
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