Michigan Department of Transportation Traffic and Safety



PMC1E THRU PMC23E

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ENGLISH VERSION



DEPARTMENT DIRECTOR
KIRK T. STEUDLE

PREPARED BY TRAFFIC AND SAFETY

ENGINEER OF TRAFFIC AND SAFETY

DRAWN BY: KBK CHECKED BY: JM

|FILE: rd/ts/signs/pave markings/PMCcoverpave e.dgn REV.Feb. 4, 2004 KBK

TYPICAL PLAN NUMBER	IN THIS CONTRACT	TITLE	TOTAL SHEETS
PMC1e		PAVEMENT MARKING CONVOY WATERBORNE PAINT TYPICAL FOR FREEWAY EDGELINE WITH CONES (ALL REGIONS)	1
PMC2e		OBSOLETE	1
PMC3e		PAVEMENT MARKING CONVOY WATERBORNE PAINT TYPICAL FOR FREEWAY EDGELINE WITHOUT CONES (ALL REGIONS)	1
PMC4e		PAVEMENT MARKING CONVOY WATERBORNE PAINT TYPICAL FOR RAMP EDGELINE WITH CONES (ALL REGIONS)	
PMC5e		PAVEMENT MARKING CONVOY WATERBORNE PAINT TYPICAL FOR RAMP EDGELINE WITH CONES (ALL REGIONS)	1
PMC6e		OBSOLETE	1
PMC7e		PAVEMENT MARKING CONVOY WATERBORNE PAINT TYPICAL FOR FREEWAY LANELINE WITHOUT CONES (ALL REGIONS)	1
PMC8e		OBSOLETE	1
PMC9e		PAVEMENT MARKING CONVOY WATERBORNE PAINT TYPICAL FOR MULTIPLE FREEWAY LANELINES WITHOUT CONES (ALL REGIONS)	
PMC10e		PAVEMENT MARKING CONVOY WATERBORNE PAINT TYPICAL FOR NON-FREEWAY EDGELINES WITH CONES (ALL REGIONS)	
PMC11e		PAVEMENT MARKING CONVOY WATERBORNE PAINT TYPICAL FOR 2-LANE 2-WAY ROADWAY CENTERLINE (ALL REGIONS)	
PMC12e		PAVEMENT MARKING CONVOY WATERBORNE PAINT TYPICAL FOR CENTERLINE OF 4 OR 6 LANE 2-WAY ROADWAY (ALL REGIONS)	
PMC13e		PAVEMENT MARKING CONVOY WATERBORNE PAINT TYPICAL FOR CENTER LANE FOR LEFT TURN AND NON-FREEWAY LANELINES 1 (ALL REGIONS)	
		pw:rd/ts/signs/pave markings/PMCindex.dgn 11/17/	2009 KL
ENDOT Michigan Department of Transportation		MICHIGAN DEPARTMENT OF TRANSPOR BUREAU OF HIGHWAYS TYPICAL PLAN F PAVEMENT MARKING C	DR

Michigan Department of Transportation

PREPARED

PREPARED BY TRAFFIC & SAFETY

DRAWN BY: KBK
CHECKED BY: JM

ENGINEER OF TRAFFIC AND SAFETY

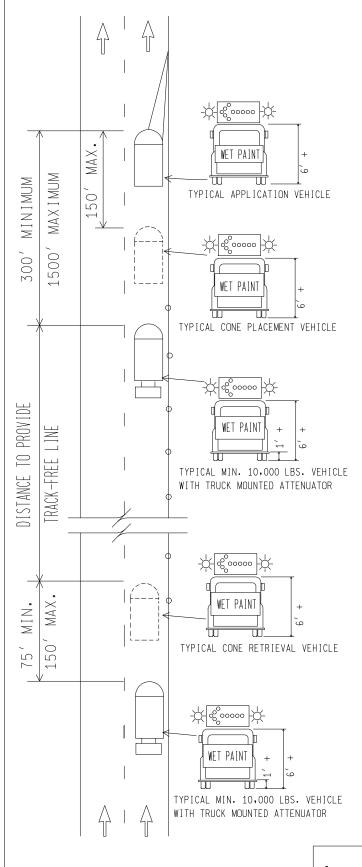
PAVEMENT MARKING CONVOY
TYPICAL PLANS INDEX

2/04		
PLAN	DATE	

ENGLISH

SHEET 1 of 2

YPICAL PLAN NUMBER	IN THIS CONTRACT	TITLE	TOTAL SHEETS
PMC14e		PAVEMENT MARKING CONVOY SPRAYABLE THERMOPLASTIC TYPICAL FOR FREEWAY EDGELINE (ALL REGIONS)	1
PMC15e		PAVEMENT MARKING CONVOY SPRAYABLE THERMOPLASTIC TYPICAL FOR FREEWAY LANELINE (ALL REGIONS)	1
PMC16e		PAVEMENT MARKING CONVOY SPRAYABLE THERMOPLASTIC TYPICAL FOR MULTIPLE FREEWAY LANELINES (ALL REGIONS)	1
PMC17e		PAVEMENT MARKING CONVOY SPRAYABLE THERMOPLASTIC TYPICAL FOR RAMP EDGELINE (ALL REGIONS)	1
PMC18e		PAVEMENT MARKING CONVOY SPRAYABLE THERMOPLASTIC TYPICAL FOR 2-LANE 2-WAY ROADWAY CENTERLINE (ALL REGIONS)	1
PMC19e		PAVEMENT MARKING CONVOY SPRAYABLE THERMOPLASTIC TYPICAL FOR CENTERLINE OF 4 OR 6-LANE 2-WAY ROADWAY (ALL REGIONS)	1
PMC20e		PAVEMENT MARKING CONVOY SPRAYABLE THERMOPLASTIC TYPICAL FOR CENTER LANE FOR LEFT TURN AND NON-FREEWAY LANELINES (ALL REGIONS)	1
PMC21e		PAVEMENT MARKING CONVOY SPRAYABLE THERMOPLASTIC TYPICAL FOR NON-FREEWAY EDGELINES (ALL REGIONS)	1
PMC22e		PAVEMENT MARKING CONVOY TYPICAL FOR SIGNS (ALL REGIONS)	1
PMC23e		PAVEMENT MARKING CONVOY TYPICAL FOR MOBILE REMOVAL OF LONGITUDINAL MARKINGS (ALL REGIONS)	1
	 ns/pave marking	JS/PMCindex.dgn 11/17/2009 KL O2/04 ENGLISH	SHEET 2 of 2



- 1. ALL VEHICLES SHALL BE EQUIPPED WITH:
 - a. TWO ROTATING YELLOW BEACONS OR STROBES VISIBLE FROM ANY APPROACH ANGLE
 - b. TYPE B OR C FLASHING ARROW PANEL AS SHOWN
 - c. "WET PAINT" SIGN AS SHOWN
- 2. ATTENUATED VEHICLE(S) SHALL WEIGH AT LEAST 10,000 LBS. AND BE LOCATED AS SHOWN.
- 3. BOTH THE CONE PLACEMENT AND CONE RETRIEVAL VEHICLES MAY BE INCORPORATED INTO THE VEHICLE EQUIPPED WITH THE TRUCK MOUNTED ATTENUATOR. CONES SHOULD BE PLACED 100' APART.
- 4. ILLUSTRATED CONVOY IS ALSO APPLICABLE FOR MARKING LEFT EDGE LINE, EXCEPT CONVOY VEHICLES SHALL OCCUPY LEFT LANE AND USE RIGHT DIRECTIONAL FLASHING ARROW.
- 5. LANE LINE MAY BE APPLIED AT THE SAME TIME AS LEFT EDGE LINE. LANE LINE SHALL NOT BE PLACED FROM RIGHT LANE.
- 6. DASHED LINE DENOTES OPTIONAL VEHICLE.
- 20. REFER TO PMC22e FOR ADDITIONAL CONVOY SIGNING REQUIREMENTS.



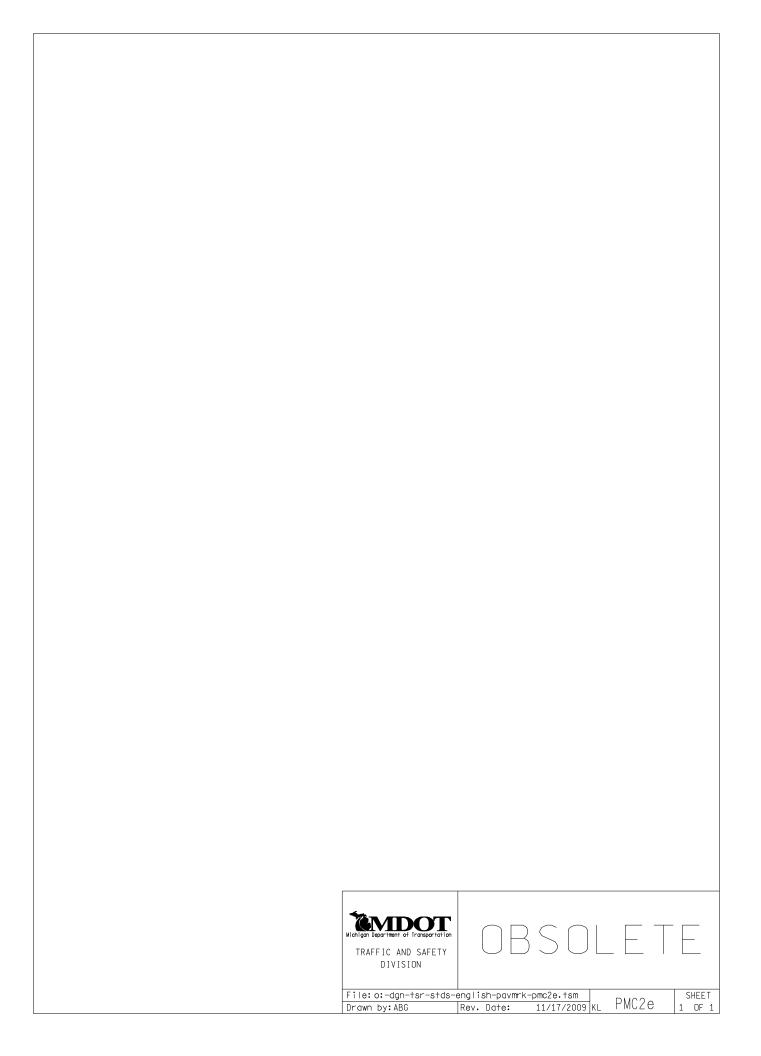
DIVISION

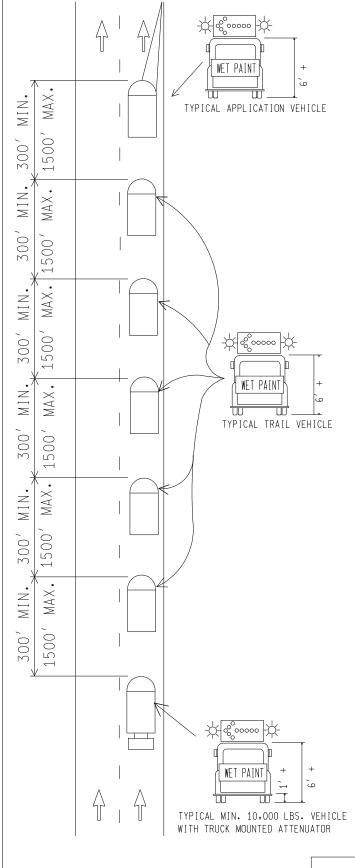
PAVEMENT MARKING CONVOY
WATERBORNE PAINT
TYPICAL FOR
FREEWAY EDGELINE WITH CONES
(ALL REGIONS)

File: o:-dgn-tsr-stds-english-pavmrk-pmc1e.tsm

Drawn by: ABG Rev. Date: 11/17/2009 KL

PMC1e SHEET 1 OF 1





- 1. ALL VEHICLES SHALL BE EQUIPPED WITH:
 - a. TWO ROTATING YELLOW BEACONS OR STROBES VISIBLE FROM ANY APPROACH ANGLE
 - b. TYPE B OR C FLASHING ARROW PANEL AS SHOWN
 - c. "WET PAINT" SIGN AS SHOWN
- 2. ATTENUATED VEHICLE(S) SHALL WEIGH AT LEAST 10,000 LBS. AND BE LOCATED AS SHOWN.
- 4. ILLUSTRATED CONVOY IS ALSO APPLICABLE FOR MARKING LEFT EDGE LINE, EXCEPT CONVOY VEHICLES SHALL OCCUPY LEFT LANE AND USE RIGHT DIRECTIONAL FLASHING ARROW.
- 5. LANE LINE MAY BE APPLIED AT THE SAME TIME AS LEFT EDGE LINE, LANE LINE SHALL NOT BE PLACED FROM RIGHT LANE.
- 20. REFER TO PMC22e FOR ADDITIONAL SIGNING REQUIREMENTS



PAVEMENT MARKING CONVOY WATERBORNE PAINT TYPICAL FOR FREEWAY EDGELINE WITHOUT CONES (ALL REGIONS)

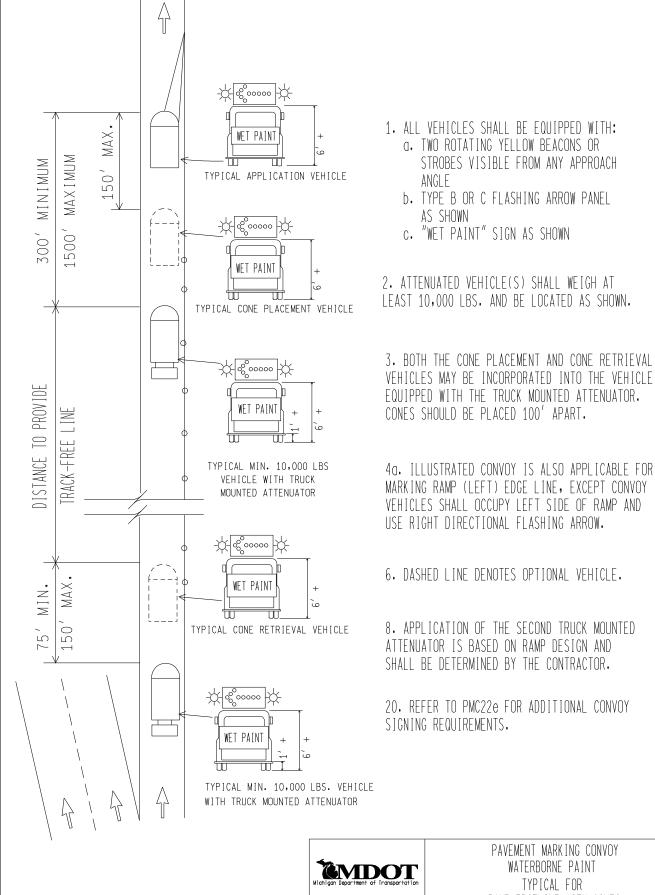
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Drawn by: ABG

Rev. Date: 11/17/2009 KL

SHEET PMC3e

1 OF 1



TRAFFIC AND SAFETY

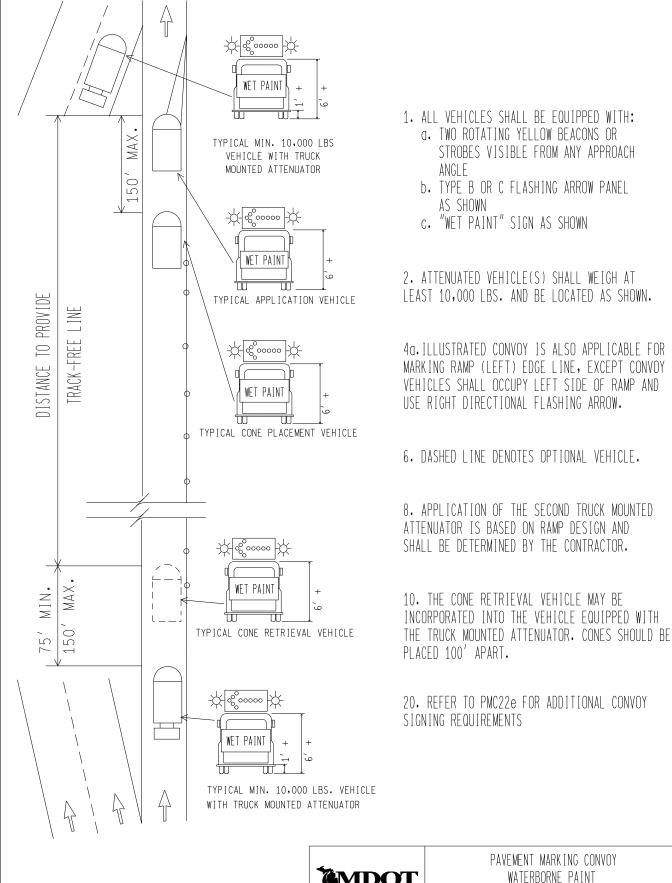
DIVISION

RAMP EDGELINE WITH CONES (ALL REGIONS)

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Rev. Date: 11/17/2009 KL Drawn by: ABG

SHEET PMC4e 1 OF 1



PAVEMENT MARKING CONVOY WATERBORNE PAINT TYPICAL FOR RAMP EDGELINE WITH CONES (ALL REGIONS)

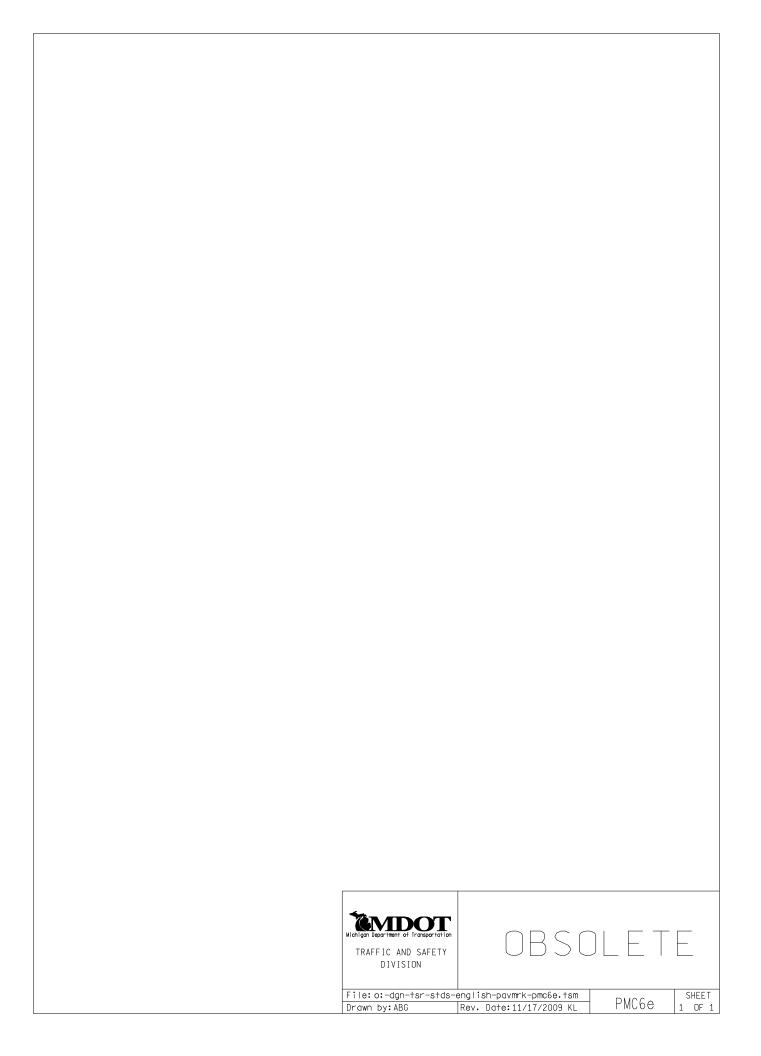
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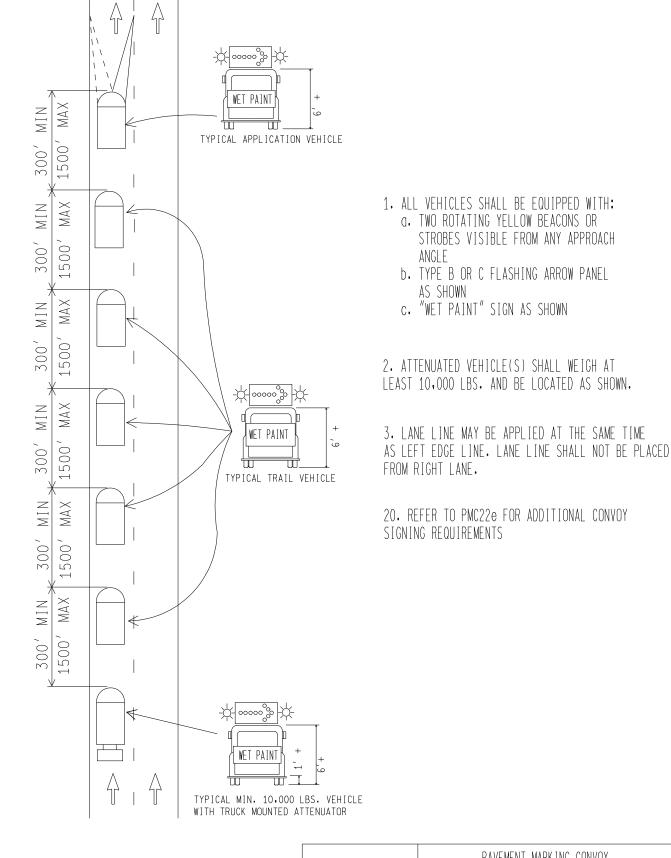
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Rev. Date: 11/17/2009 KL

SHEET PMC5e

1 OF 1





PAVEMENT MARKING CONVOY WATERBORNE PAINT TYPICAL FOR FREEWAY LANELINE WITHOUT CONES (ALL REGIONS)

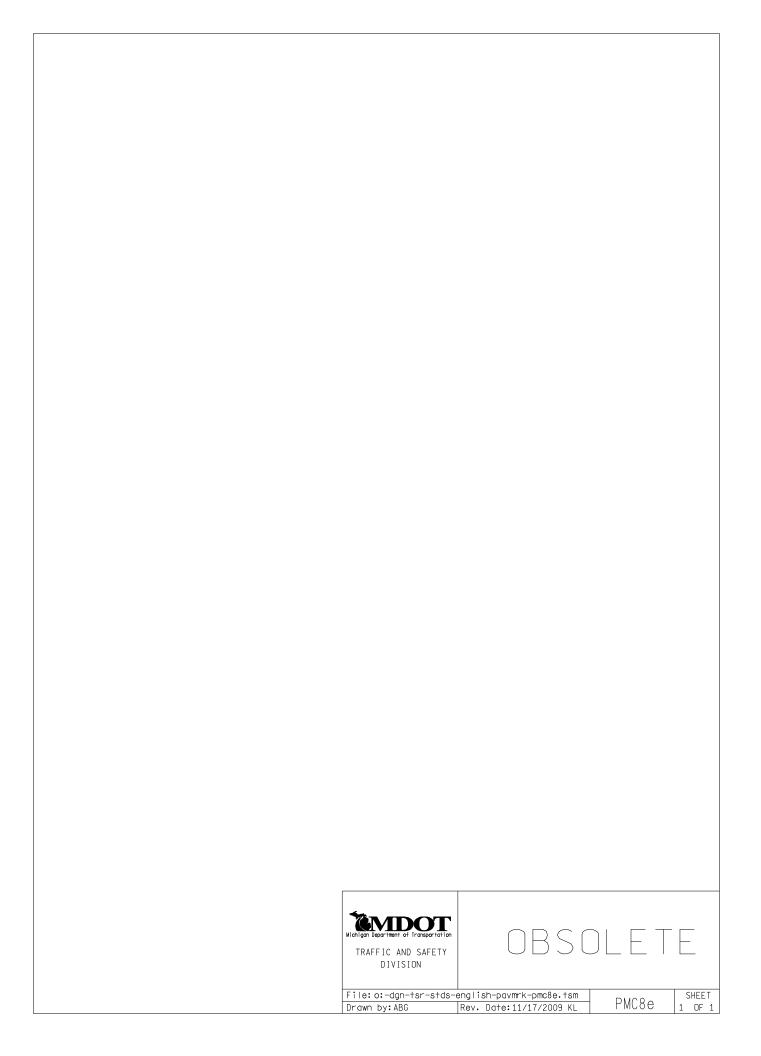
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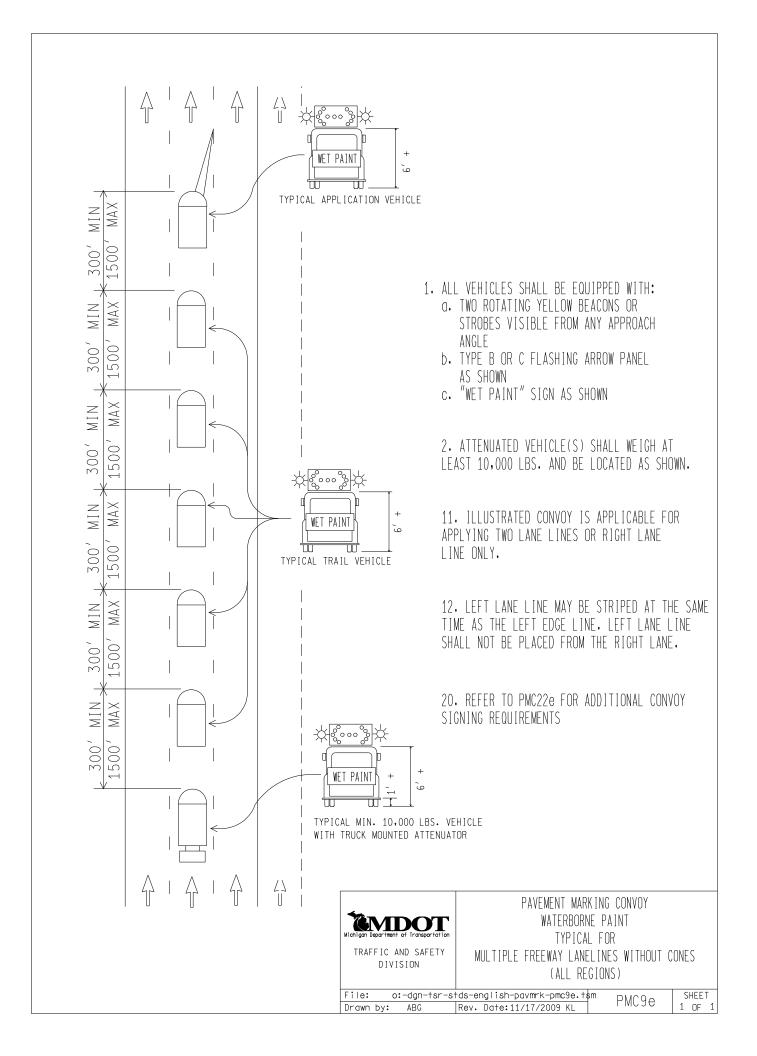
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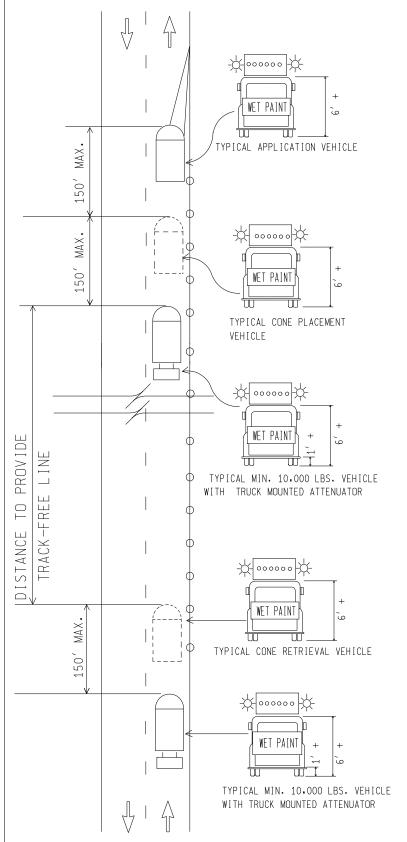
Rev. Date: 11/17/2009 KL

SHEET

PMC7e 1 OF 1







- 1. ALL VEHICLES SHALL BE EQUIPPED WITH:
 - a. TWO ROTATING YELLOW BEACONS OR STROBES VISIBLE FROM ANY APPROACH
 - b. TYPE B OR C FLASHING ARROW PANEL AS SHOWN
 - c. "WET PAINT" SIGN AS SHOWN
- 2. ATTENUATED VEHICLE(S) SHALL WEIGH AT LEAST 10,000 LBS, AND BE LOCATED AS SHOWN.
- 3. BOTH THE CONE PLACEMENT AND CONE RETRIEVAL VEHICLES MAY BE INCORPORATED INTO THE VEHICLE EQUIPPED WITH THE TRUCK MOUNTED ATTENUATOR. CONES SHOULD BE PLACED 100' APART.
- 6. DASHED LINE DENOTES OPTIONAL VEHICLE.
- 13. ON ROADWAYS WITH TWO OR MORE LANES IN EACH DIRECTION, THE ILLUSTRATED CONVOY IS APPLICABLE EXCEPT LEFT DIRECTIONAL FLASHING ARROW PANEL SHALL BE USED.
- 17. CENTER LINE MAY NOT BE STRIPED AT THE SAME TIME AS THE EDGELINE.
- 20. REFER TO PMC22e FOR ADDITIONAL CONVOY SIGNING REQUIREMENTS



PAVEMENT MARKING CONVOY WATERBORNE PAINT TYPICAL FOR NON-FREEWAY EDGELINES WITH CONES (ALL REGIONS)

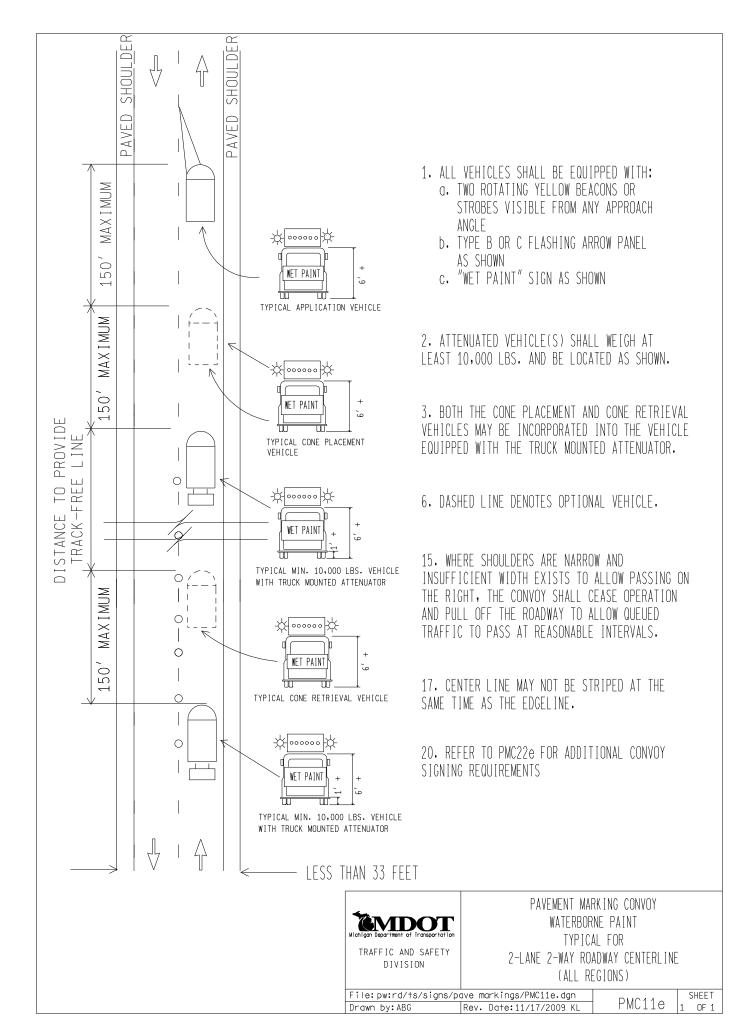
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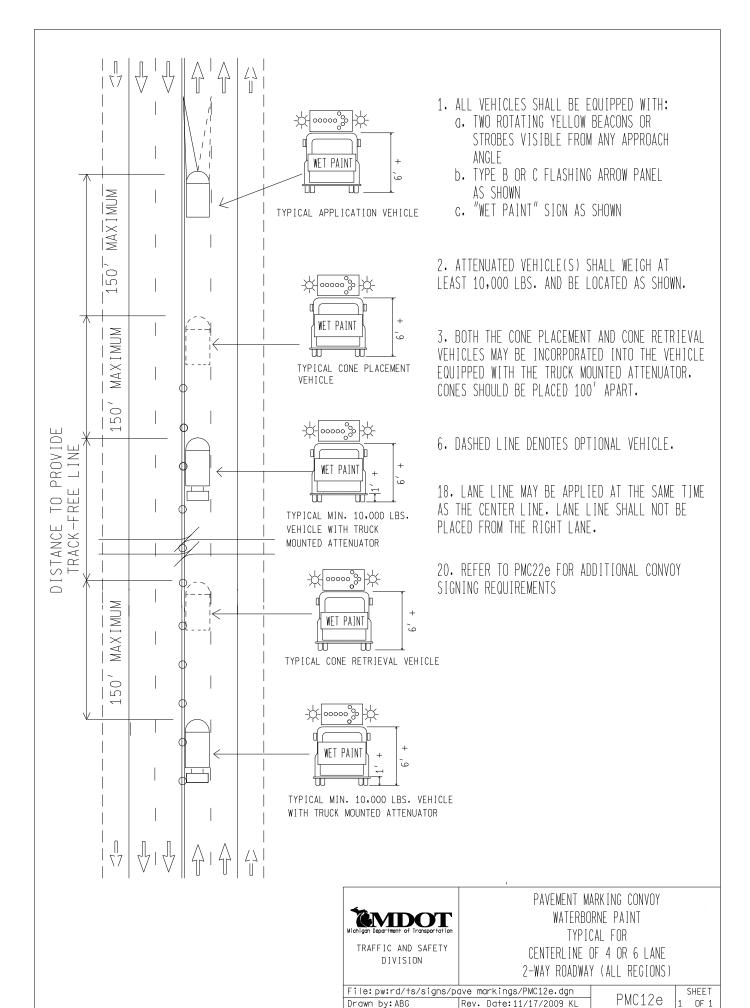
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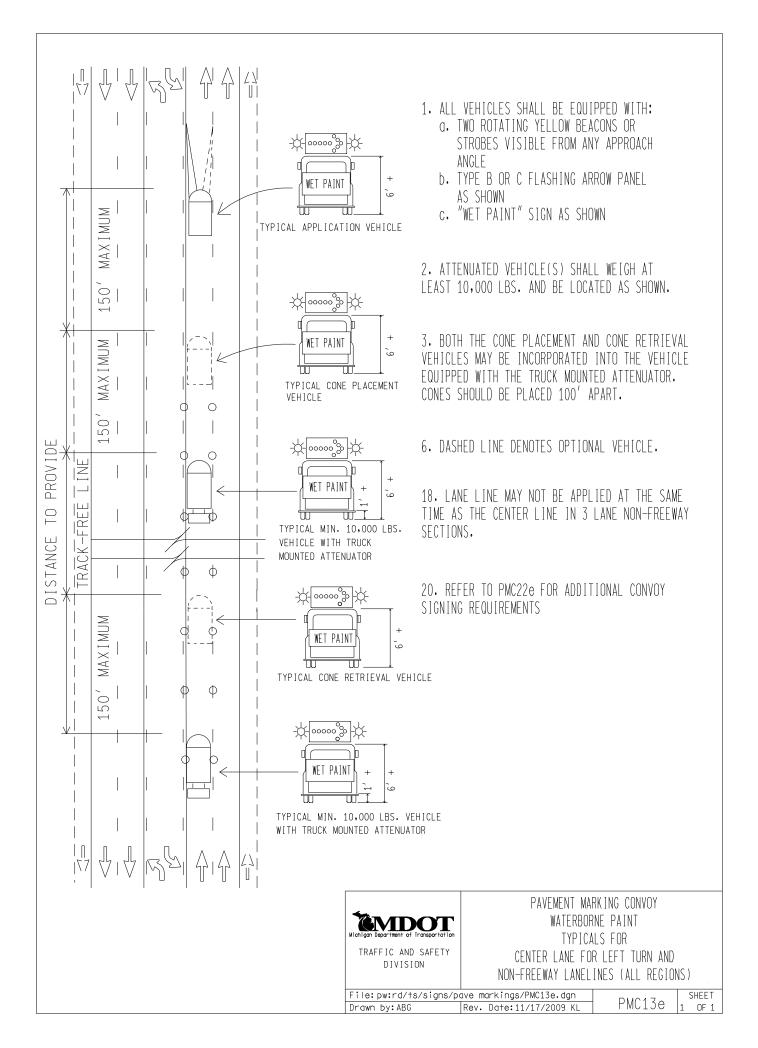
Rev. Date: 11/17/2009 KL

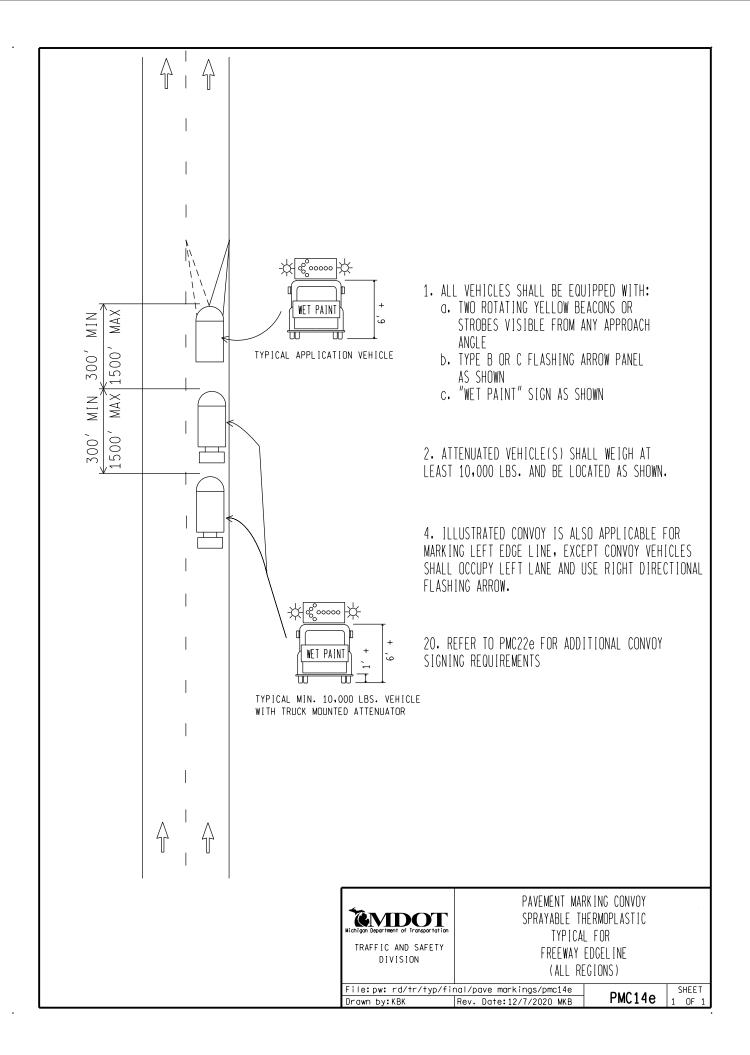
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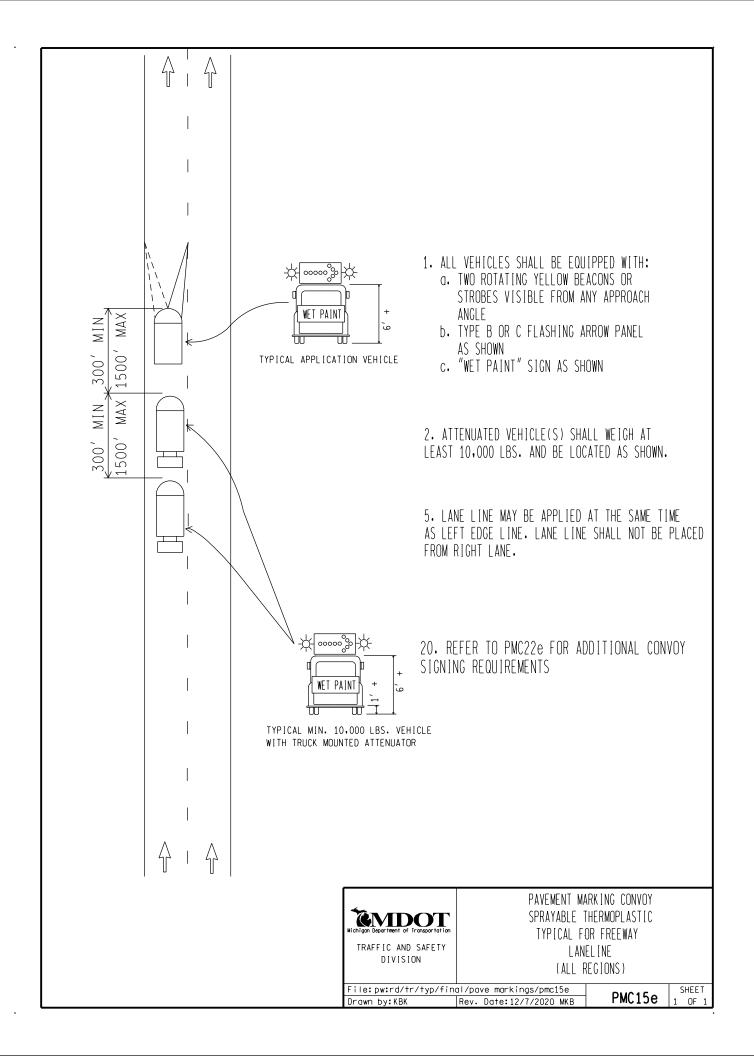
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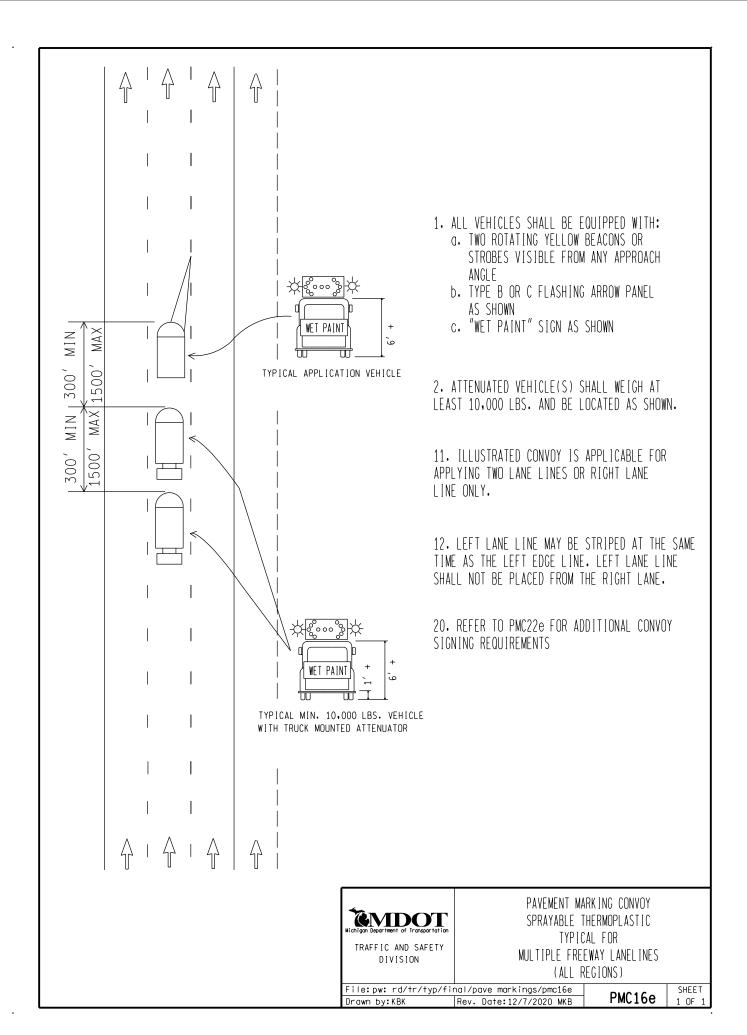


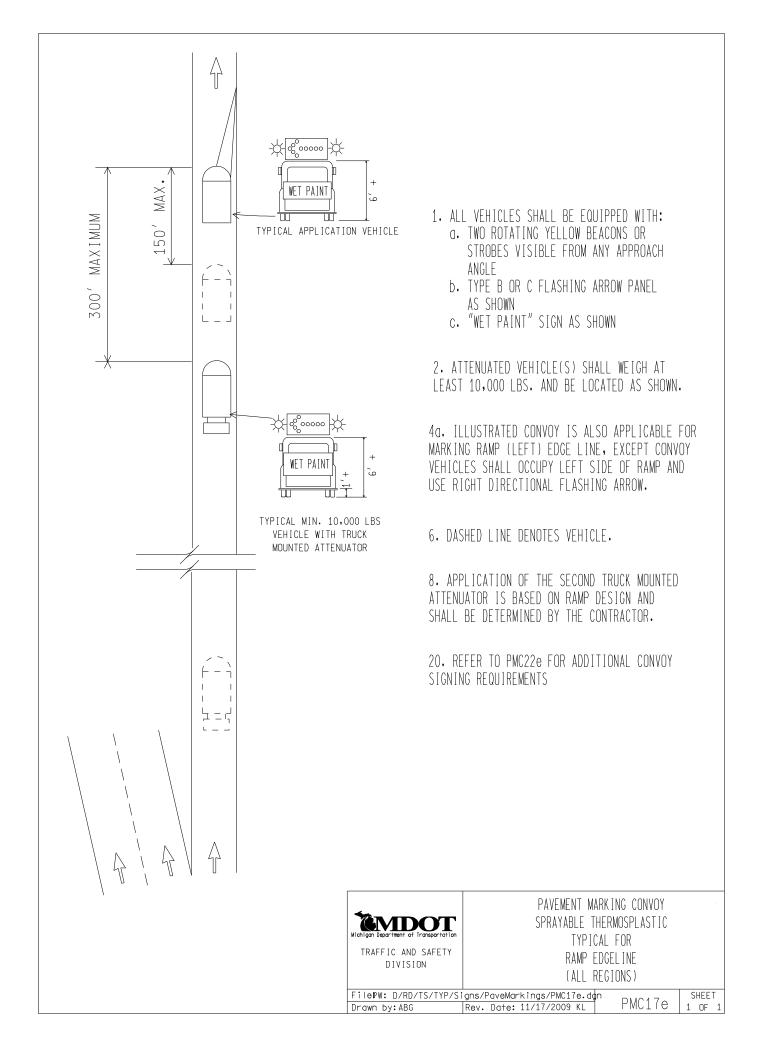


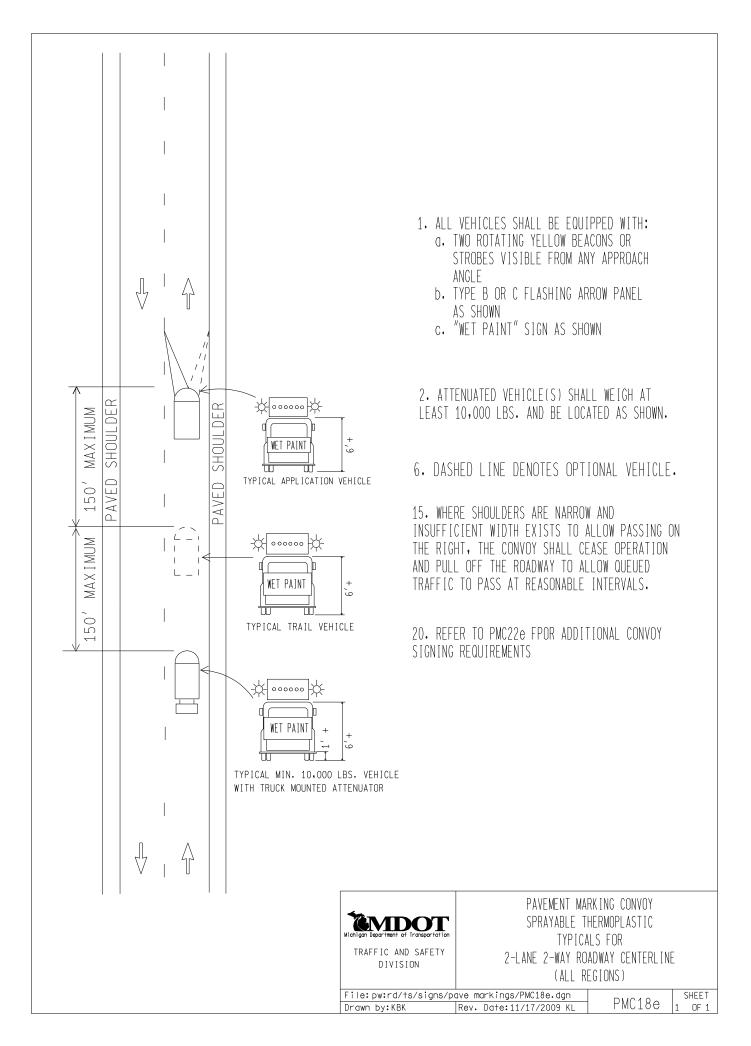


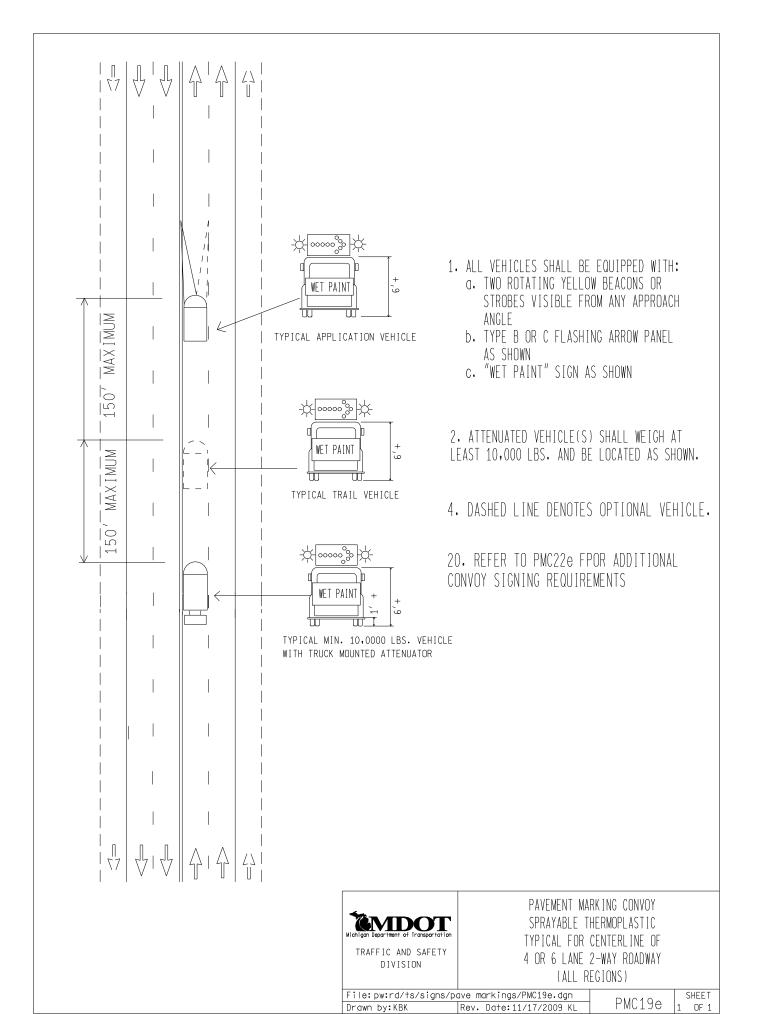


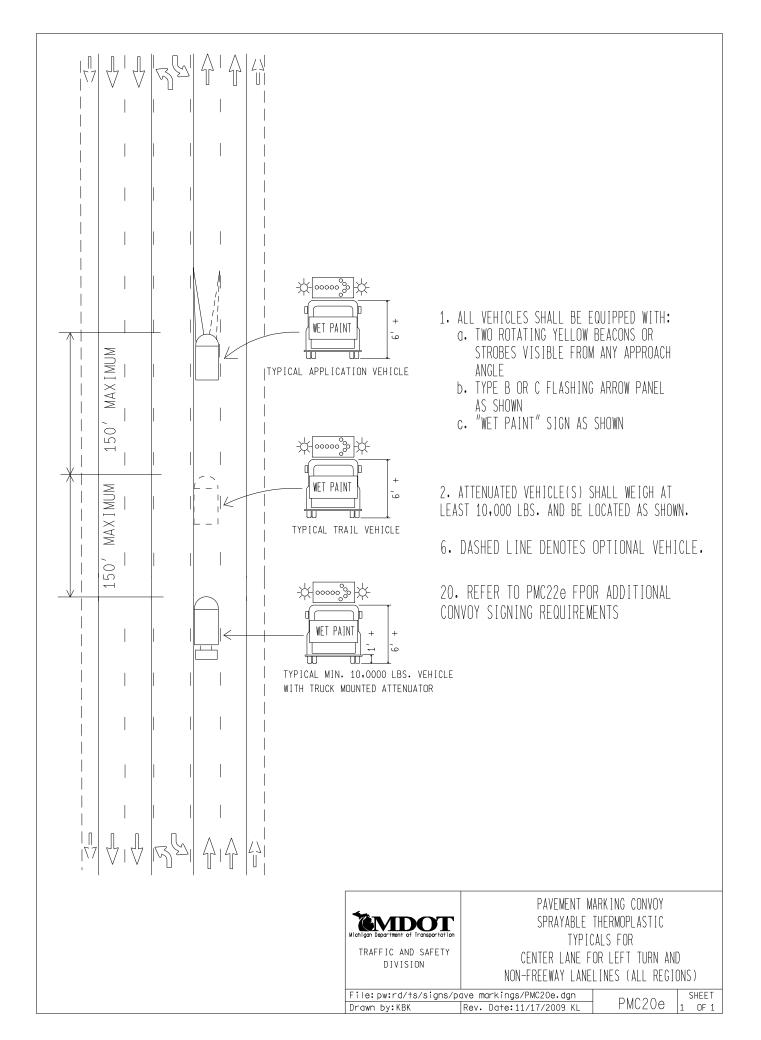


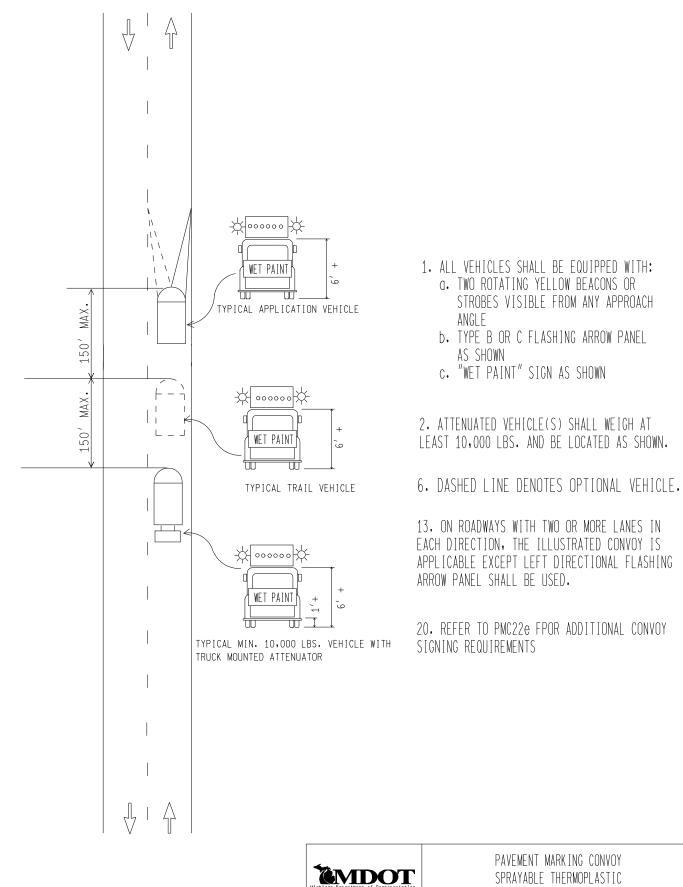












TRAFFIC AND SAFETY

DIVISION

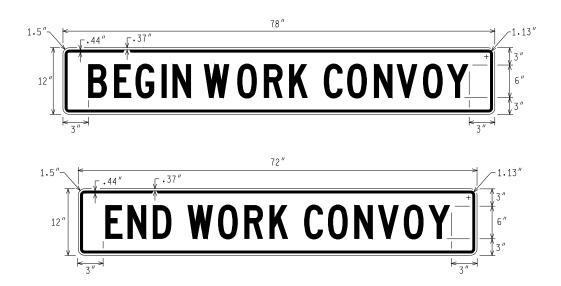
TYPICAL FOR NON-FREEWAY EDGELINES (ALL REGIONS)

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PMC21e

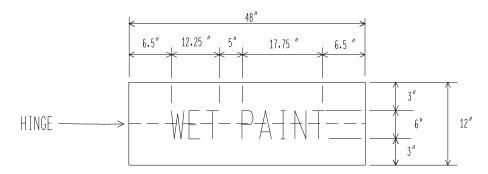
SHEET 1 OF 1

PAVEMENT MARKING SIGNS



BEGIN/END CONVOY SIGNS REQUIRED ON FIRST/LAST VEHICLE, RESPECTIVELY.

NOTE: BEGIN/END CONVOY SIGNS SHALL HAVE BLACK LETTERS ON A REFLECTIVE WHITE BACKGROUND PER SECTION 9.22 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION



HORIZONTAL HINGE TO PERMIT FOLDING TOP HALF OF SIGN DOWN WHEN MARKING OPERATIONS ARE NOT IN PROGRESS. POSITION HINGE SO AS TO MINIMIZE SPLITTING HORIZONTAL ELEMENTS OF "E" AND "A".

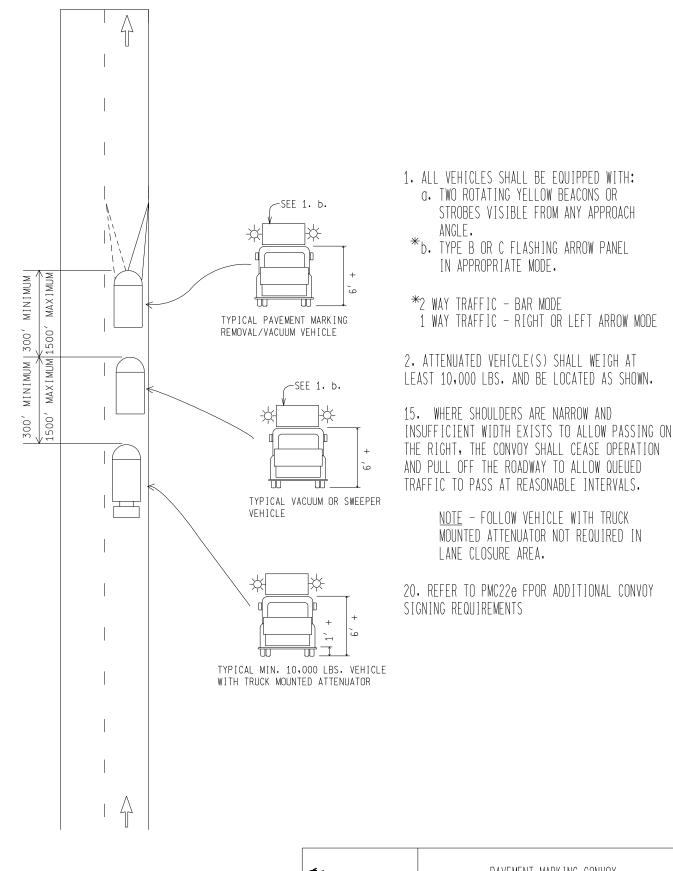
HINGED SIGN REQUIRED ON FRONT OF APPLICATION VEHICLE IN ALL PAINTING CONVOYS WHERE THERE IS ONCOMING TRAFFIC.

NOTE: WET PAINT SIGN SHALL HAVE BLACK LETTERS ON A REFLECTORIZED ORANGE BACKGROUND PER SECTION 9.22 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION.



PAVEMENT MARKING CONVOY TYPICAL FOR SIGNS (ALL REGIONS)

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Drawn by ARC	Pay Data: 11/17/2009 KI				





PAVEMENT MARKING CONVOY TYPICAL FOR MOBILE REMOVAL OF LONGITUDINAL MARKINGS (ALL REGIONS)

File: o:-dgn-tsr-stds-english-pavmrk-pmc23e.tsm Drawn by: KBK

Rev. Date: 11/17/2009 KL

SHEET

PMC23e 1 OF 1