

PAVEMENT MARKING

LEGEND

⊙ SIGN ON PERMANENT SUPPORT

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL R X R SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

CENTER OR LANE LINES AND NO-PASSING ZONE MARKINGS SHOWN ON THIS DRAWING ARE REQUIRED AND PAID FOR UNDER OTHER ITEMS IN THE CONTRACT.

TRACE EXISTING SYMBOL WHERE EXISTING SYMBOLS ARE PLACED.

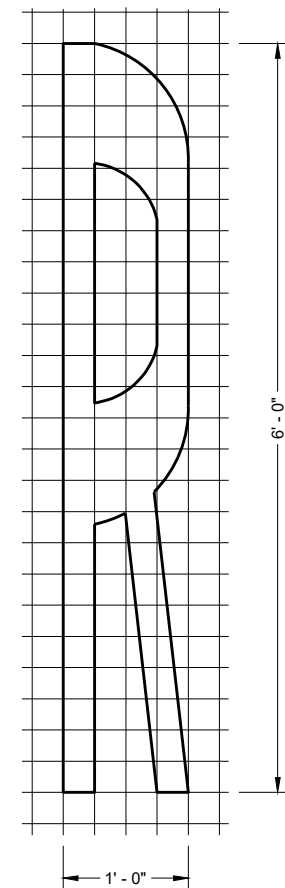
- ① PLACE STOP BAR APPROXIMATELY 8 FEET IN ADVANCE OF THE GATE (IF PRESENT), BUT NO CLOSER THAN 15 FEET IN ADVANCE OF THE NEAREST RAIL. FIELD-FIT STOP BAR TO MAXIMIZE VIEW OF APPROACHING TRAIN.
- ② 500' MINIMUM. MARKING LIMITS MAY BE EXTENDED AS DIRECTED BY THE ENGINEER TO MEET ADJACENT NO-PASSING ZONE MARKINGS.
- ③ FOR MULTIPLE TRACK CROSSINGS, THE BARRIER LINE SHALL EXTEND TO THE NEAR RAIL OF THE FURTHEST TRACK IN THE DIRECTION OF HIGHWAY TRAVEL.

DISTANCE TABLE

TABLE BASED UPON 2C-4 WISCONSIN SUPPLEMENT OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

POSTED SPEED (M.P.H.)	DIMENSION RANGE (FEET)
25	150* - 250'
30	200* - 300'
35	250* - 450'
40	300* - 500'
45	400* - 650'
50	550* - 800'
55	750* - 1000'
60	1000* - 1250'
65	1000* - 1250'

* THE MINIMUM DISTANCES IN THE TABLE ARE DESIRABLE AND SHOULD BE USED. THE DISTANCES MAY BE INCREASED UP TO THE MAXIMUM TO ALLOW FOR FIELD CONDITIONS SUCH AS THE CLOSED PROXIMITY OF DRIVEWAYS, BRIDGES, SIDE ROADS OR OTHER FEATURES THAT WOULD PROHIBIT THE MINIMUM DISTANCES FROM BEING USED.





SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD - HIGHWAY GRADE CROSSINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 DATE /S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER
FHWA

LEGEND

-  SIGN ON PERMANENT SUPPORT
-  DIRECTION OF TRAFFIC

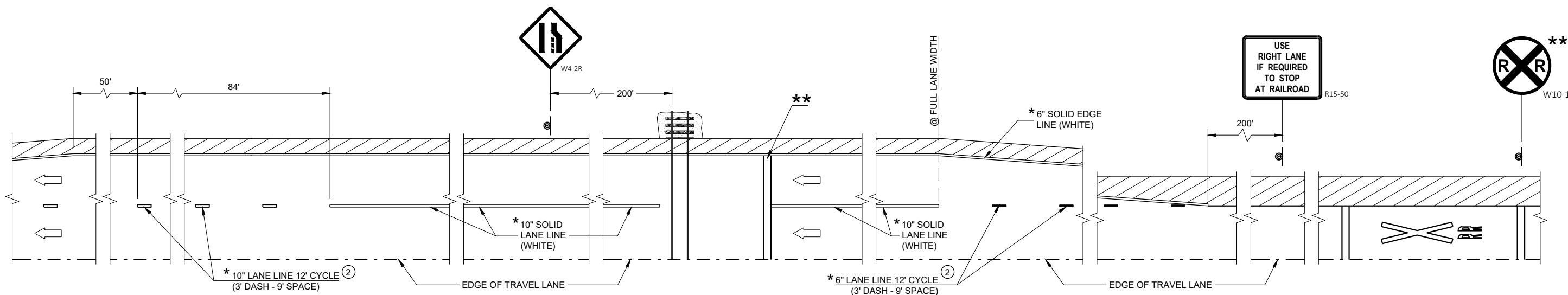
GENERAL NOTES

SIGNING AND MARKING IS SHOWN AS TYPICAL PLACEMENT. FIELD CONDITIONS MAY DICTATE CHANGES IN SIGNING AND MARKING PLACEMENT.

- ① INSTALLED FOR EXPRESSWAYS
- ② 3' LINE, 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.

** SEE SDD 15C09-a, "SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD - HIGHWAY GRADE CROSSING" FOR LOCATION OF ADVANCE MARKINGS.

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



DETAIL FOR TRUCK STOPPING LANE PAVEMENT MARKINGS

TRUCK STOPPING LANE PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER

FHWA

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SDD 15C09-13b

SDD 15C09-13b

Signing and Pavement Marking Details for Railroad - Highway Grade Crossings

Reference:

Traffic Engineering, Operations and Safety Manual Chapter 3 (TEOpS Chapter 3)
Manual on Uniform Traffic Control Devices Part 8B

Bid items associated with this drawing:

Table with 3 columns: ITEM NUMBER, DESCRIPTION, UNIT. Rows include 646.5305 Marking Railroad Crossing Paint and 646.5320 Marking Railroad Crossing Epoxy.

Standard Special Provisions associated with this drawing:

Table with 2 columns: STSP NUMBER, TITLE. Row includes NONE.

Other SDDs associated with this drawing:

SDD 15C8 (a,b) Pavement Marking (Mainline and Turn Lanes)

Design Notes:

Refer to Part 8 of the Wisconsin Manual on Uniform Traffic Control Devices to determine when railroad crossings require markings. Preferred option is intended for all new construction, including overlay projects. The alternative option is for remarking operations unless directed otherwise.

Contact Person:

Jeannie Silver (608) 246-5408
Ryan Mayer (608) 246-3810

Railroad Truck Stopping Lane Pavement Markings

Reference:

Traffic Engineering Operations and Safety Manual Chapter 3 ([TEOpS Chapter 3](#))
Manual on Uniform Traffic Control Devices Part 3B

Bid items associated with this drawing:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
<i>Bid items associated with this drawing in addition to those shown on sheet a:</i>		
646.1000-4999	Marking Line (Material) (width)	LF

Standard Special Provisions associated with this drawing:

<u>STSP NUMBER</u>	<u>TITLE</u>
NONE	

Other SDDs associated with this drawing:

[SDD 15C8](#) Pavement Marking sheet "a" (mainline) is required.

Design Notes:

Refer to Sheet "a".

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