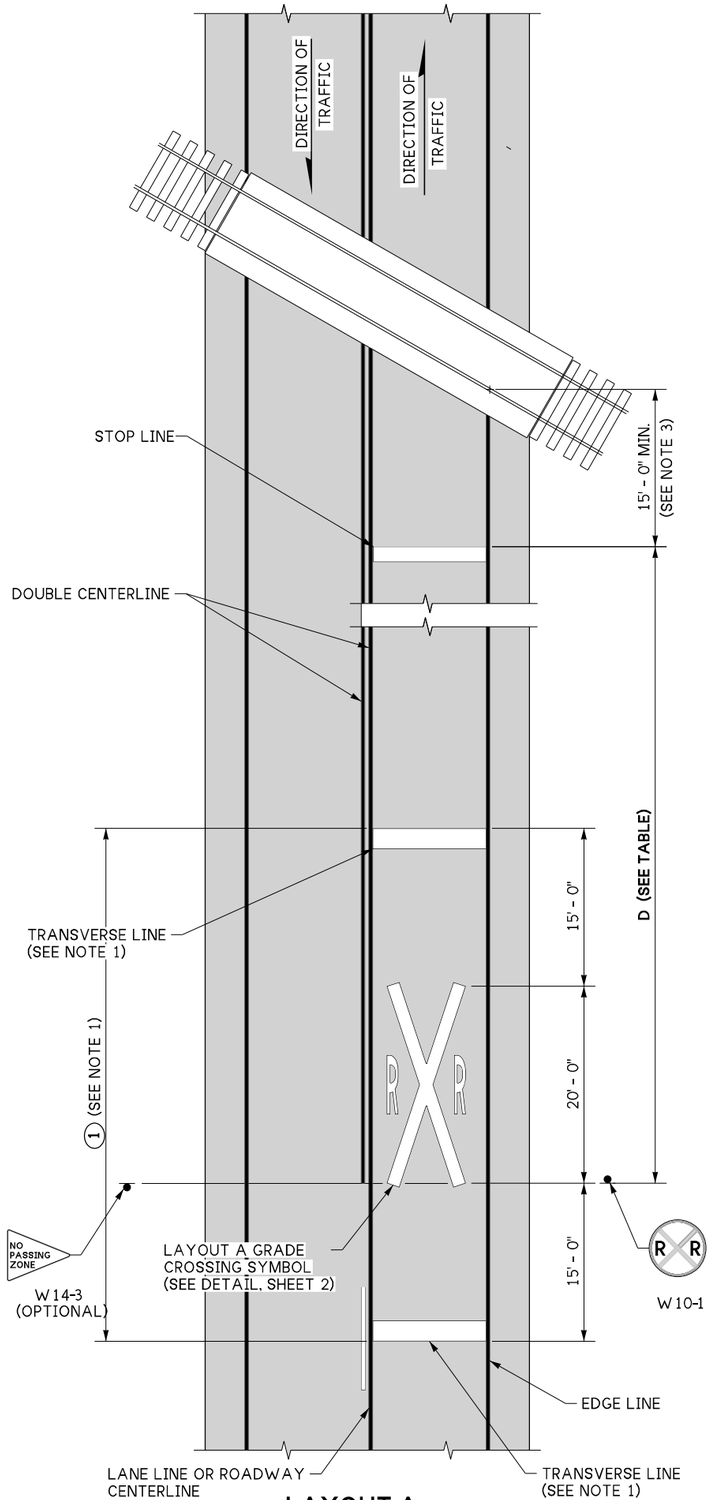
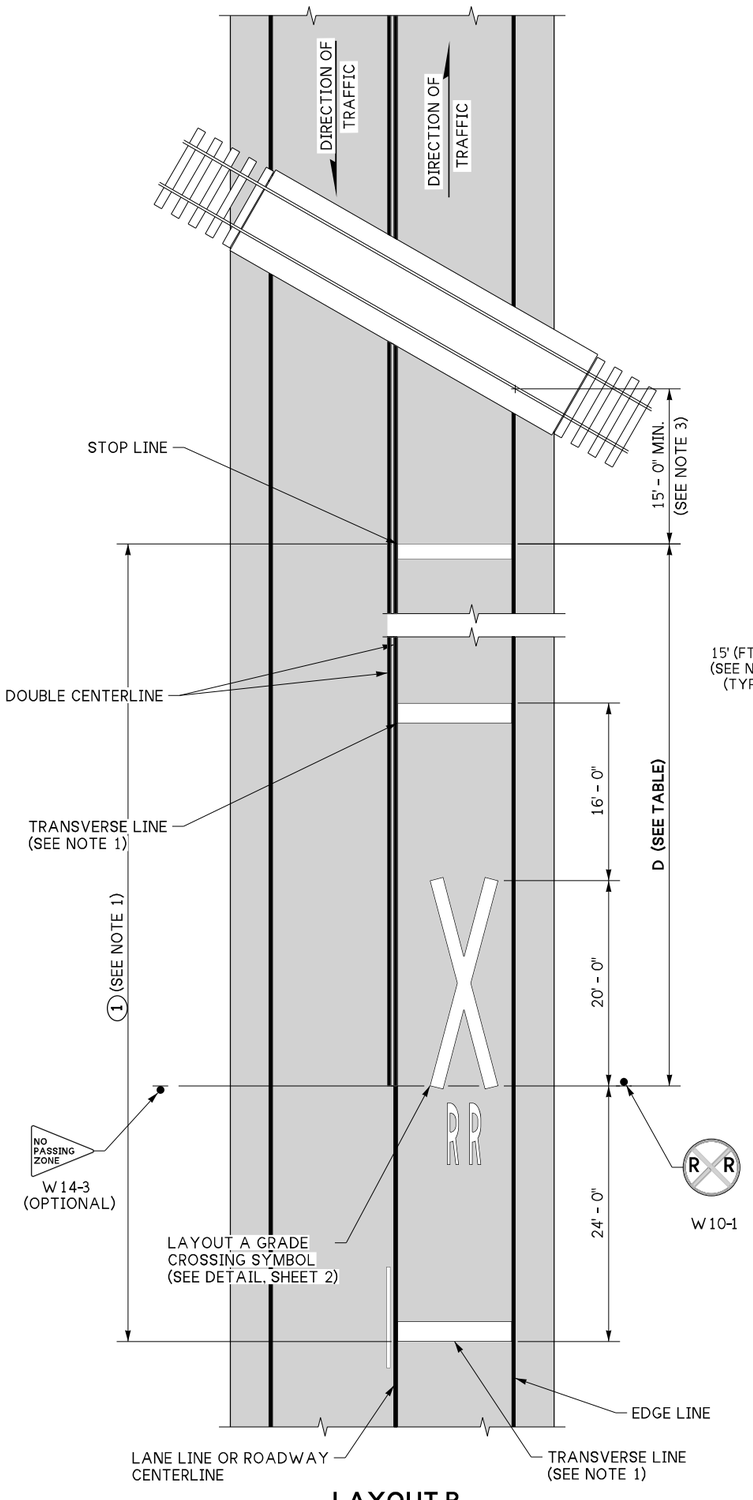
DRAWN BY: FERN LIDDELL



LAYOUT A

1 TOTAL MARKING AREA
(PER 12' (FT) WIDE LANE) = 111.59 SQ. FT.
(URBAN AND LOWER SPEED HIGHWAYS)

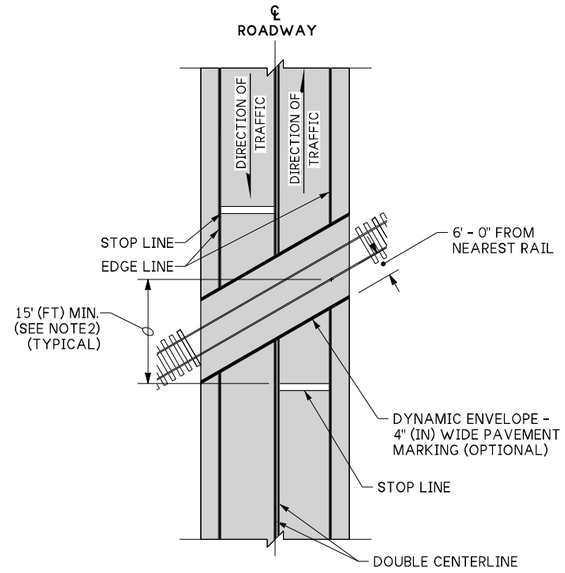


LAYOUT B

1 TOTAL MARKING AREA
(PER 12' (FT) WIDE LANE) = 109.75 SQ. FT.
(WSDOT PRIMARY ON RURAL ROADS)

NOTES

1. Bid Item "Railroad Crossing Symbol" include "X" symbol, letters, and two 24" (in) white transverse lines.
2. Place Stop Line 15' (ft) minimum from nearest rail. If gate is present, See **WSDOT Sign Fabrication Manual M 55-05** for sign fabrication requirements.
3. See contract for location, material requirements.
4. For multilane crossings, contact your region traffic engineer.



RR CROSSING DETAIL

POSTED SPEED LIMIT	
MPH	D *
25	155 Ft.
30	200 Ft.
35	250 Ft.
40	305 Ft.
45	360 Ft.
50	425 Ft.
55	495 Ft.
60	570 Ft.
65	645 Ft.

* DIMENSIONS SHOWN ARE APPROXIMATE (SEE CONTRACT)

SCOTT A. DAVIS
STATE OF WASHINGTON
Scott A Davis
Scott A Davis (Apr 28, 2026 08:23 PDT)
37361
REGISTERED
PROFESSIONAL ENGINEER

Apr 28, 2026

RAILROAD CROSSING MARKINGS

STANDARD PLAN M-11.10-05

SHEET 1 OF 2 SHEETS

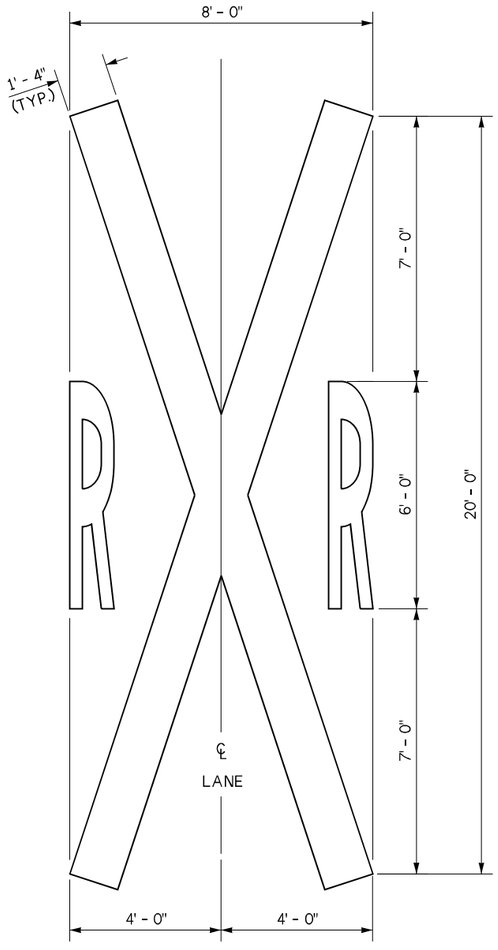
APPROVED FOR PUBLICATION

Mark Gaines
Mark Gaines (Apr 28, 2026 11:47:41 PDT)

Apr 28, 2026

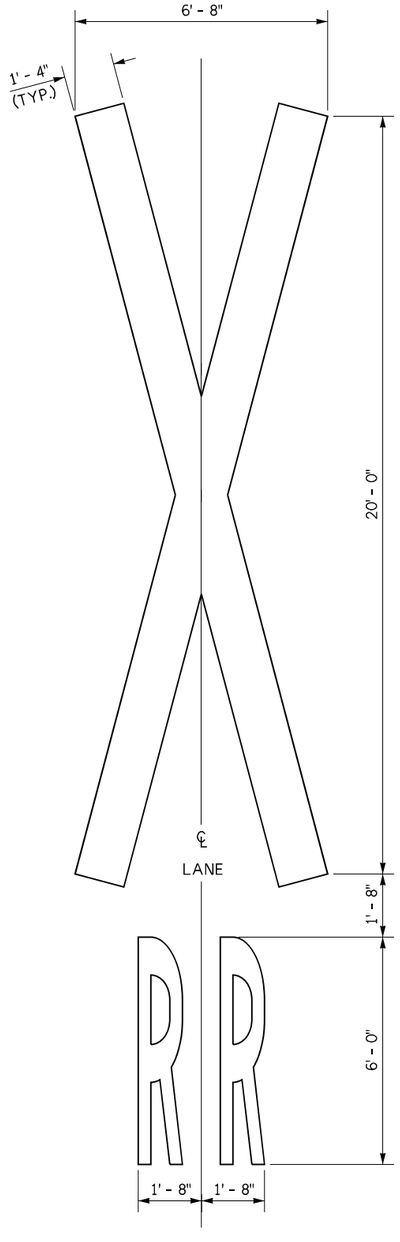
STATE DESIGN ENGINEER

Washington State Department of Transportation



LAYOUT A

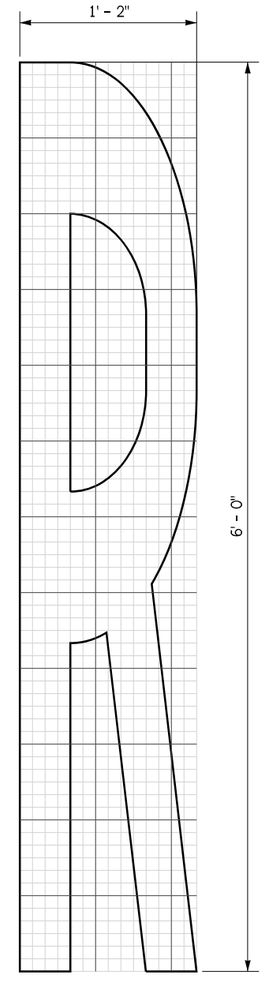
GRADE CROSSING SYMBOL DETAIL



LAYOUT B

GRADE CROSSING SYMBOL DETAIL

STANDARD SYMBOL DETAILS



"R" DETAIL

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RAILROAD CROSSING MARKINGS

STANDARD PLAN M-11.10-05

SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

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Apr 28, 2026

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Washington State Department of Transportation