

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	D7 CRACK SEALING 2024-1	EFFINGHAM	8	1
		ILLINOIS	CONTRACT NO. 74B42	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT = 2,700 (2021)

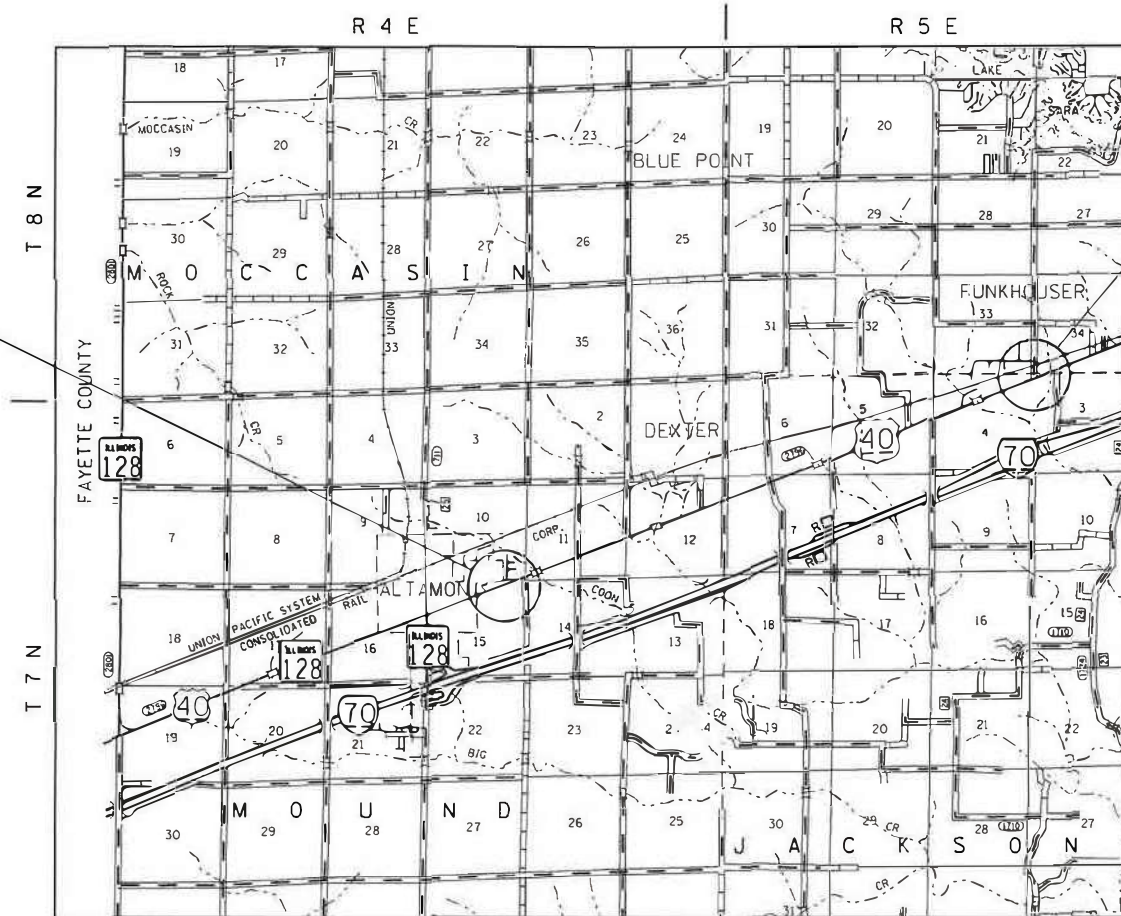
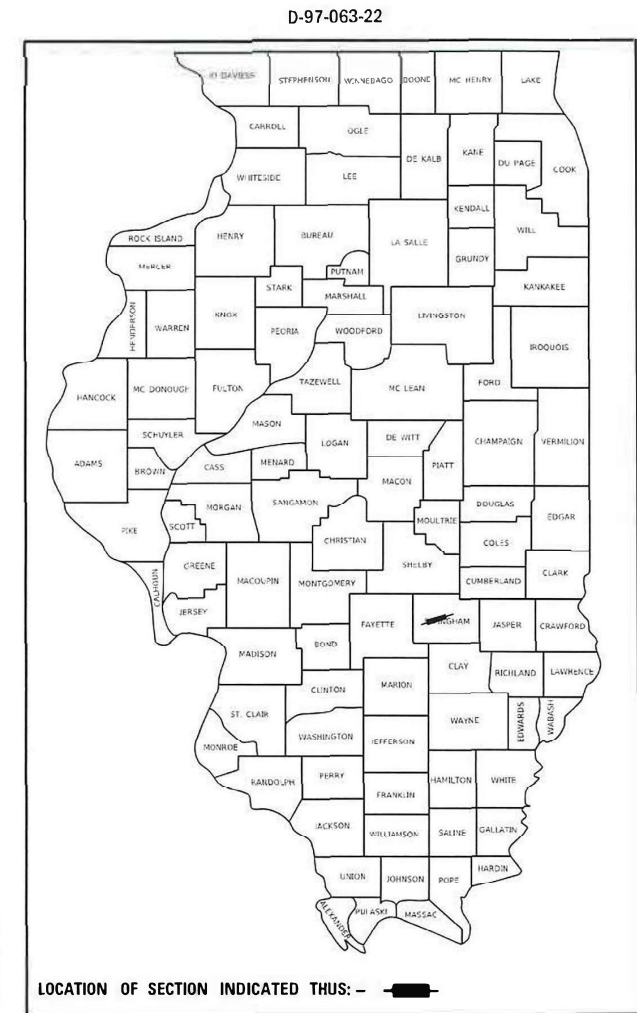
BRIDGE OMISSION:

STA. 1614 + 56 TO STA. 1615 + 41 (SN 025-0093)

PROPOSED HIGHWAY PLANS

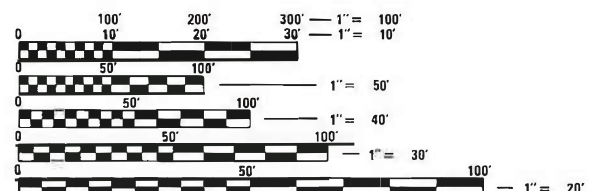
FAS 2796 (US 40)
SECTION D7 CRACK SEALING 2024-1
PROJECT STP-K80P(229)
CRACK & JOINT SEALING
EFFINGHAM COUNTY

C-97-112-22



PROJECT ENDS:
STA. 1889 + 20

PROJECT BEGINS:
STA. 1599 + 45



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER JACQUELYN SEALS
PROJECT MANAGER ETHAN DOW

CONTRACT NO. 74B42

GROSS LENGTH = 28,975 FT. = 5.49 MILE
NET LENGTH = 28,890 FT. = 5.47 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED JANUARY 8, 2024
Jeffrey P. Mynick
REGIONAL ENGINEER

March 22, 2024
Scott A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

March 22, 2024
Steph M. Davis
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

GENERAL NOTES

THIS PROJECT IS LOCATED ON US 40 IN EFFINGHAM COUNTY, WORK BEGINS AT E DIVISION ST IN ALTAMONT AND CONTINUES TO 0.3 MILES WEST OF LAKE SARA RD NEAR FUNKHOUSER.

THE WORK INCLUDED IN THIS SECTION CONSISTS OF ROUTING, CLEANING, AND SEALING OF THE CENTERLINE AND ANY ADDITIONAL LONGITUDINAL JOINTS AND REPLACEMENT OF CENTERLINE PAVEMENT MARKING.

RAISED REFLECTIVE PAVEMENT MARKER CASTINGS AND REFLECTORS SHALL BE PROTECTED AS PER SPEC 451.04. RAISED REFLECTIVE PAVEMENT MARKIER CASTINGS DAMAGED BY ROUTING OR COVERED BY SEALANT SHALL BE REPLACED. CASTINGS WILL NEED TO BE CLEANED AND FREE OF ANY EXISTING EPOXY BEFORE THE NEW LENS IS PLACED AS PER SPEC 781.03 (c). THIS WORK WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL NOT BE PAID FOR SEPARATELY.

APPLICATION RATE:
SEALANT = 0.33 POUNDS PER FOOT

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS & LIST OF STANDARDS
3	SUMMARY OF QUANTITIES
4	CRACK & JOINT SEALING DETAILS
5-8	DISTRICT 7 PAVEMENT MARKING DETAILS

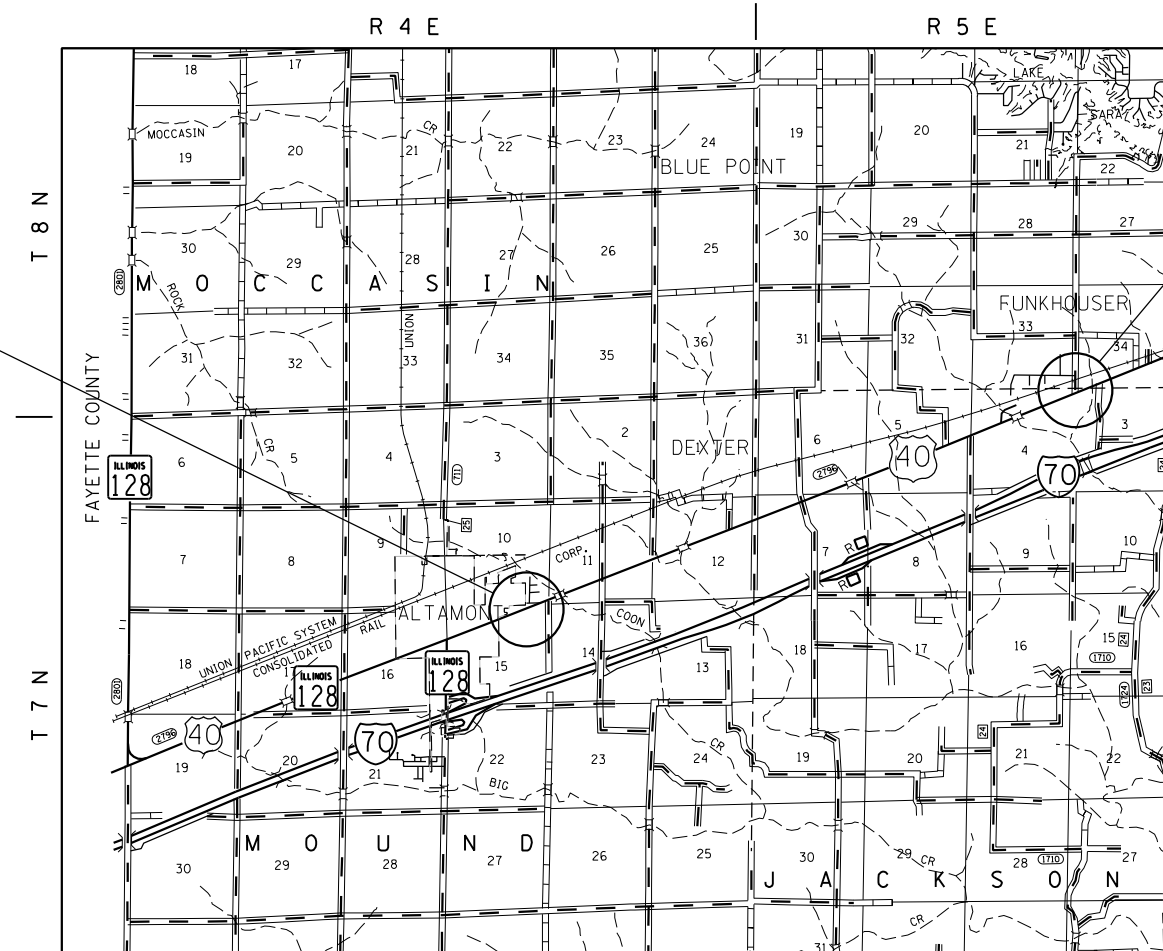
THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 8:

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-09	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL RAISED REFLECTIVE PAVEMENT MARKERS

LOCATION MAP



PROJECT BEGINS:
STA. 1599 + 45



PROJECT ENDS:
STA. 1889 + 20

REV. - MS

MODEL: SMODELNAME\$
FILE NAME: \$FILE\$

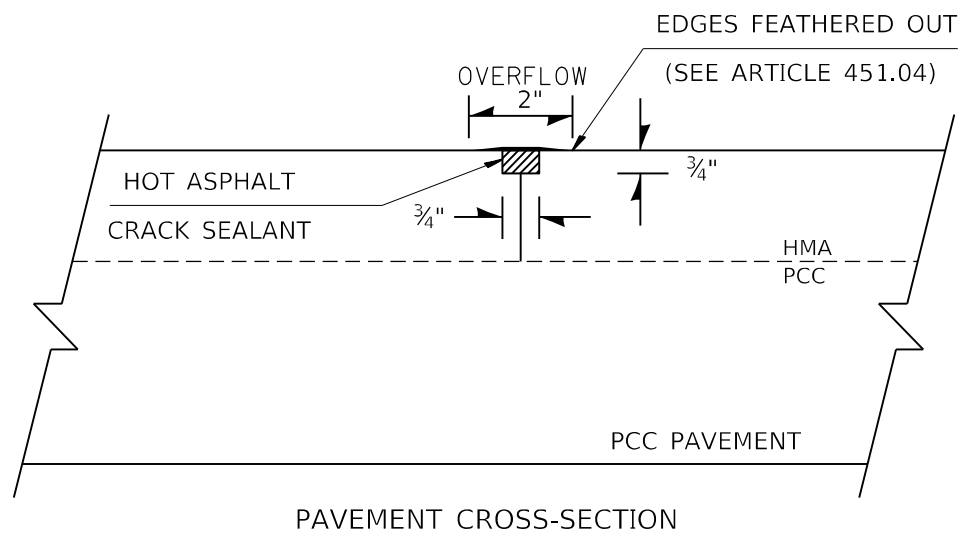
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PLOT DATE = \$DATES	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, INDEX OF SHEETS
& LIST OF STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	D7 CRACK SEALING 2024-1	EFFINGHAM	8	2
			CONTRACT NO. 74B42	
ILLINOIS FED. AID PROJECT				




 ROUTED, CLEANED,
AND SEALED

TYPICAL DETAIL FOR JOINTS

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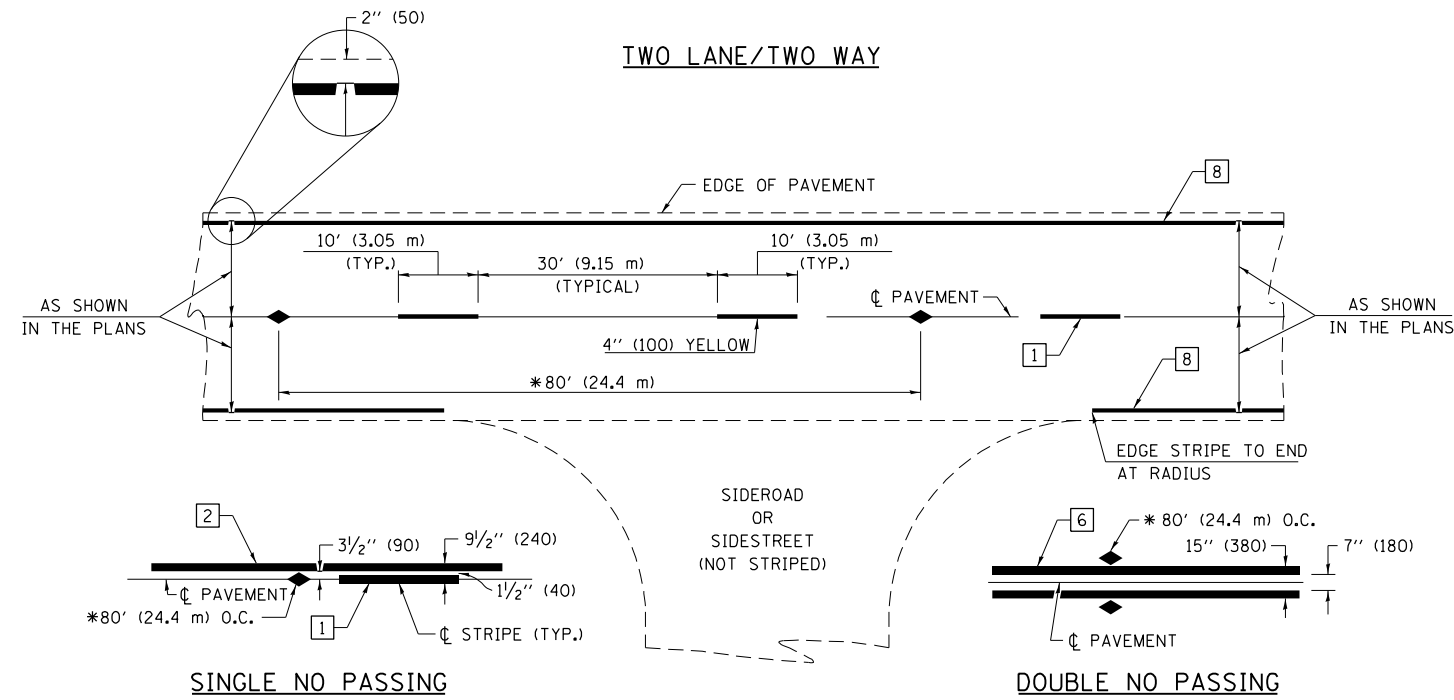
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PLOT SCALE = 60000.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/8/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CRACK AND JOINT SEALING DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

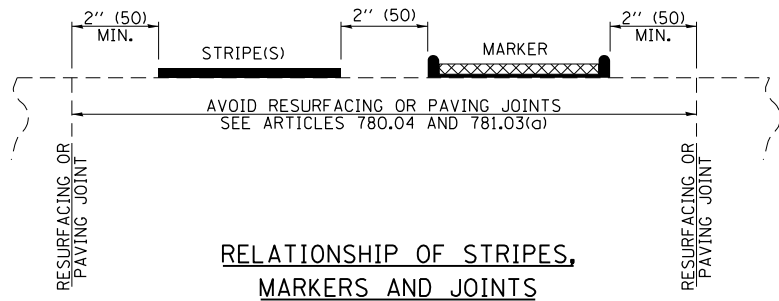
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	D7 CRACK SEALING 2024-1	EFFINGHAM	8	4
CONTRACT NO. 74B42				
ILLINOIS FED. AID PROJECT				



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 4" (100) DOUBLE YELLOW (WIDE)
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

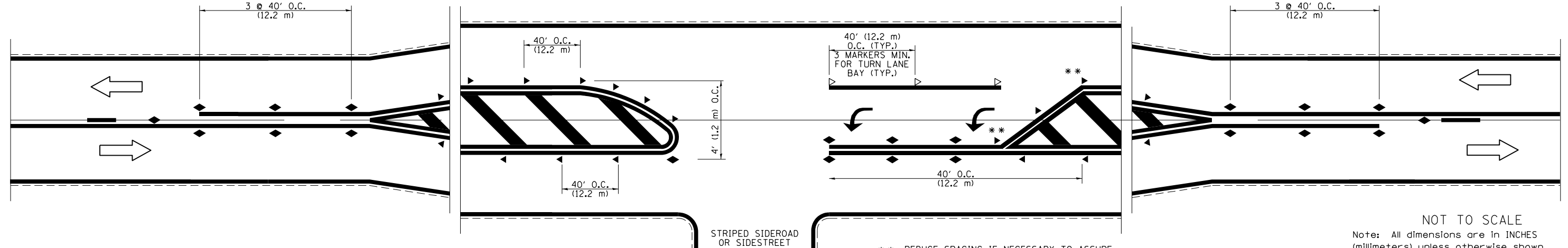


RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RAISED REFLECTIVE PAVEMENT MARKERS



** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 78000001

USER NAME = Mona.Steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 60000.0000" / in.	CHECKED -	REVISED -
PLOT DATE = 1/8/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)

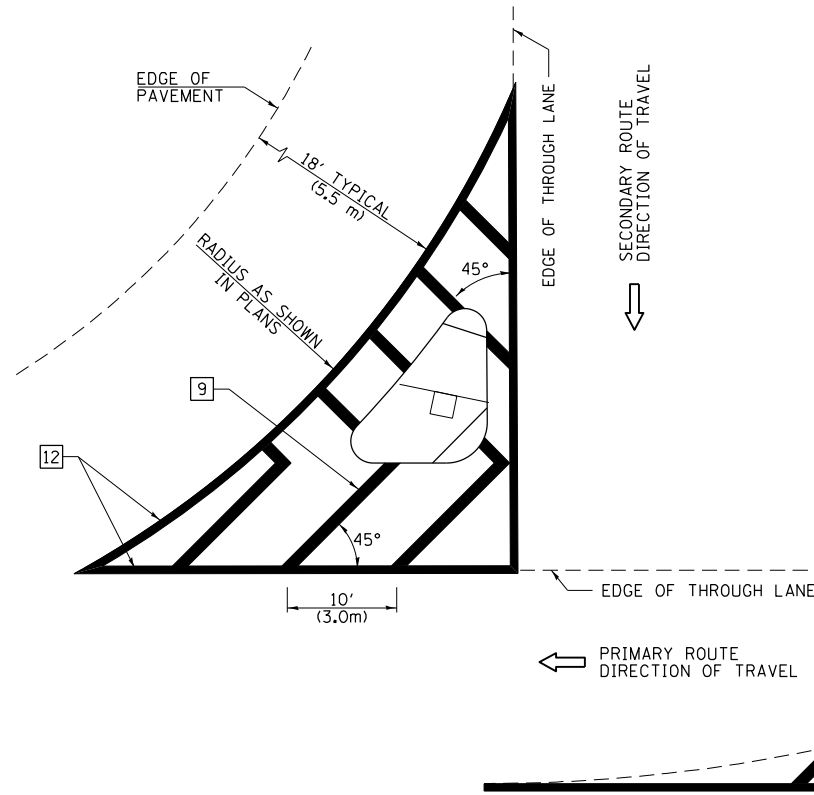
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	D7 CRACK SEALING 2024-1	EFFINGHAM	8	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74B42	

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ISLANDS

OPTION 1

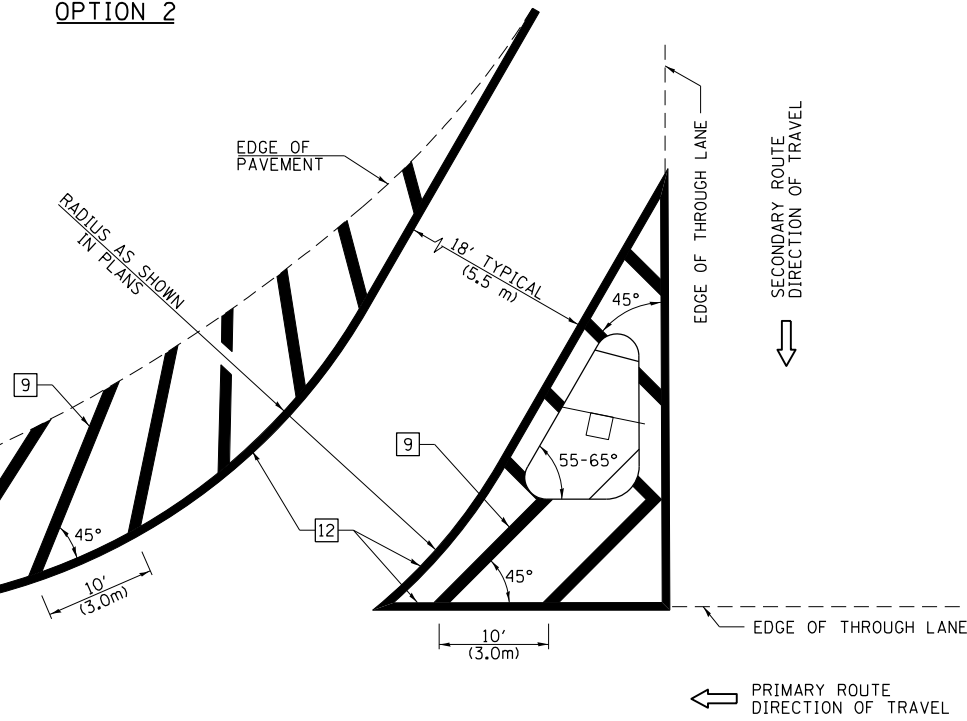


GENERAL NOTES

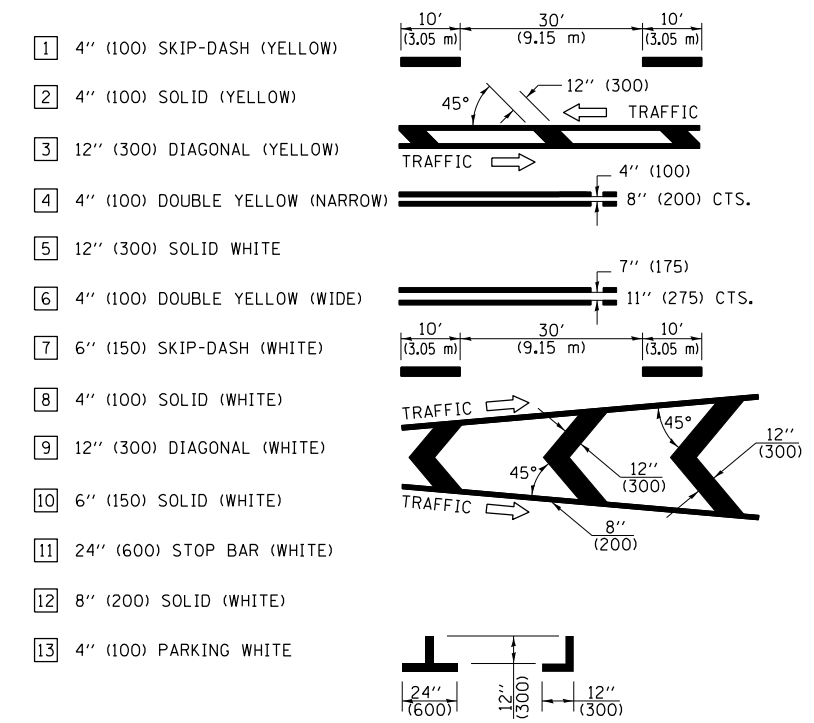
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2].
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:

< 30 MPH (< 50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
> 45 MPH (> 75 km/h)	30' (9.0 m)
6. THE USE OF ISLAND STRIPING OPTION 1 OR OPTION 2 SHALL BE AS SHOWN ON THE PLANS.

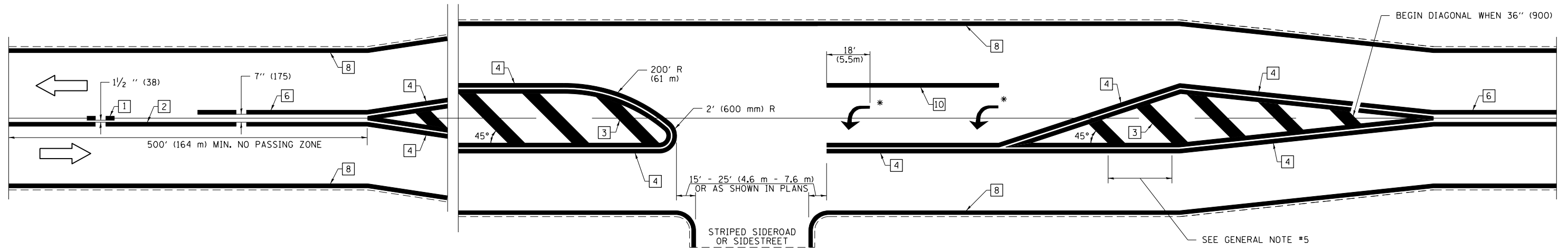
OPTION 2



PAVEMENT MARKING LEGEND



RURAL LEFT TURN STRIPING



* PLACE AN ARROW 18' (5.5 m) BACK FROM END OF THE SOLID WHITE LINE. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

USER NAME = Mona.Steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 60000.0000" / in.	CHECKED -	REVISED -
PLOT DATE = 1/8/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMTN MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)**

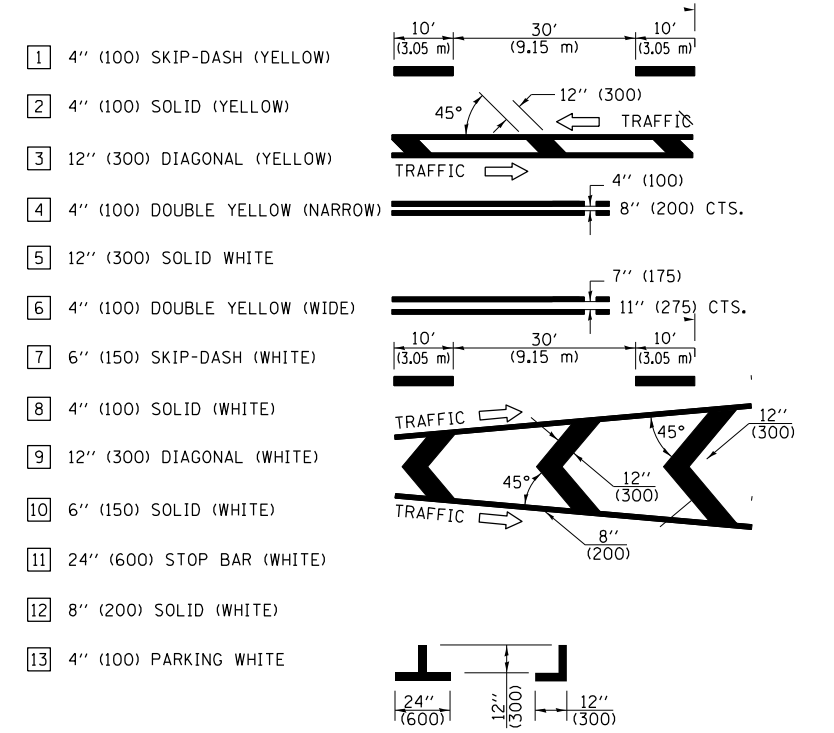
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 74B42	
		ILLINOIS	FED. AID PROJECT	

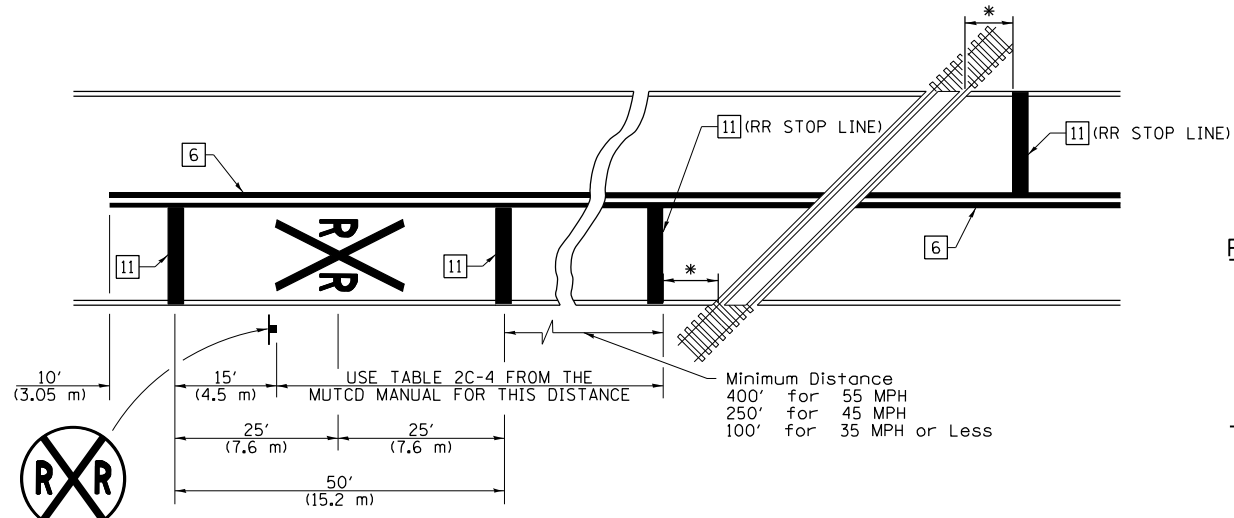
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SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

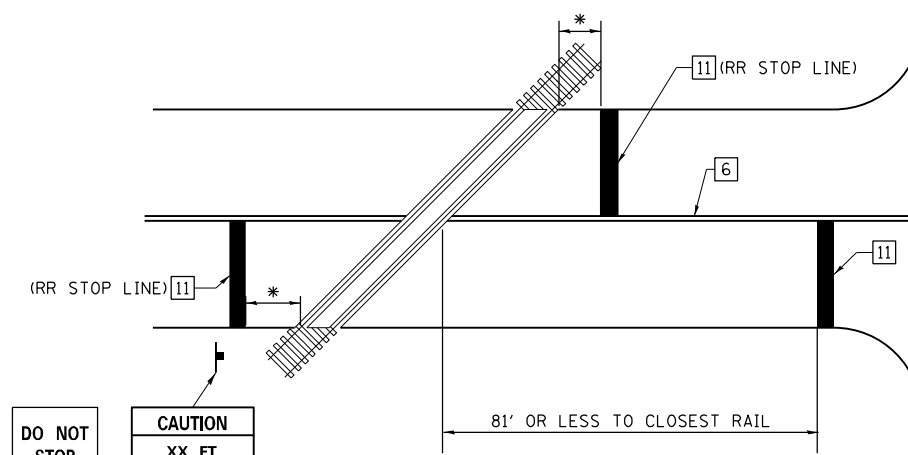
PAVEMENT MARKING LEGEND



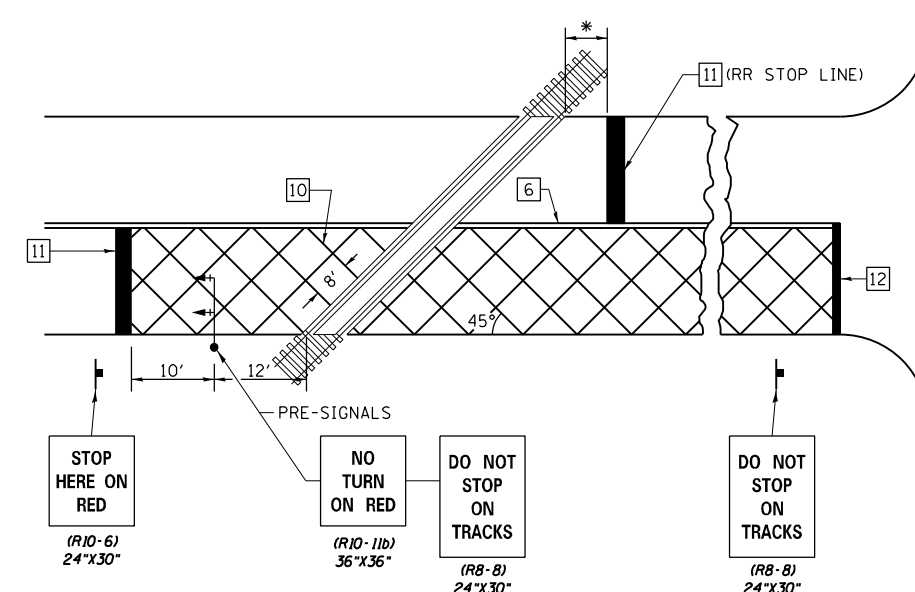
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



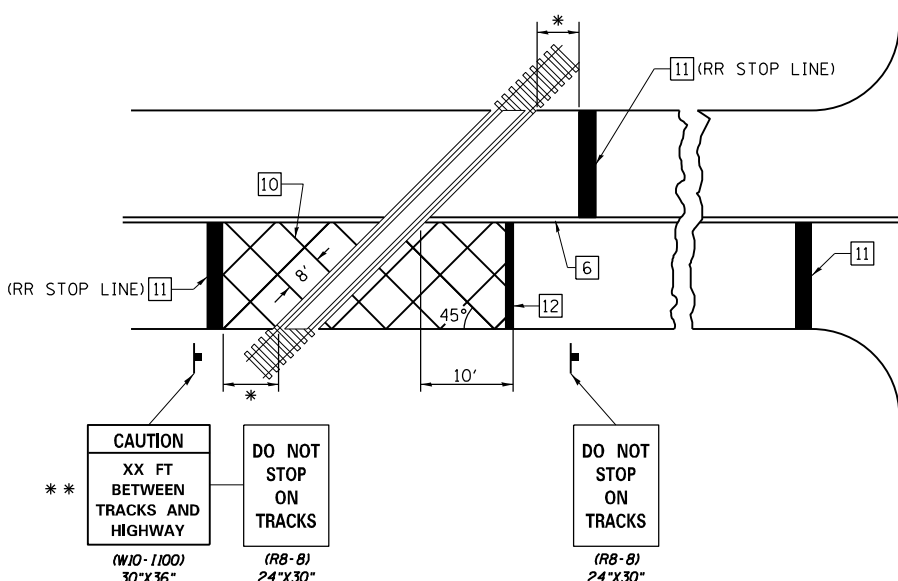
RAILROAD CROSSING WITH NON-SIGNALIZED INTERSECTION



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



RAILROAD CROSSING WITH INTERCONNECT ONLY



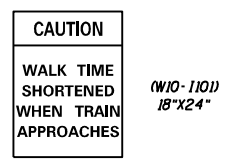
NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE 11-1, CONDITION B OF THE MUTCD.

- GENERAL NOTES**
- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
 - EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE PRE-SIGNALS ARE USED.
 - WHEN PEDESTRIAN SIGNALS ARE PRESENT WITH INTERCONNECTED SIGNALS, WARNING SIGN W10-1101 (18"X24") SHALL BE PLACED NEAR EACH PEDESTRIAN SIGNAL HEAD. COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL NOT BE UTILIZED ALONG WITH INTERCONNECTED SIGNALS.
 - PLEASE REFER TO THE IDOT BUREAU OF OPERATION MEMO OPS T-06 DATED DECEMBER 1, 2020 FOR ADDITIONAL INFORMATION



NOT TO SCALE
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DISTRICT 7 DETAIL NO. 7800001

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	D7 CRACK SEALING 2024-1	EFFINGHAM	8	8
				CONTRACT NO. 74B42

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

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