

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	(113)PP	CHAMPAIGN	14	1
		ILLINOIS	CONTRACT NO. 70H55	

P-95-011-25

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR SUMMARY OF QUANTITIES, SEE SHEET NOS. 3 & 4

TRAFFIC INFORMATION:

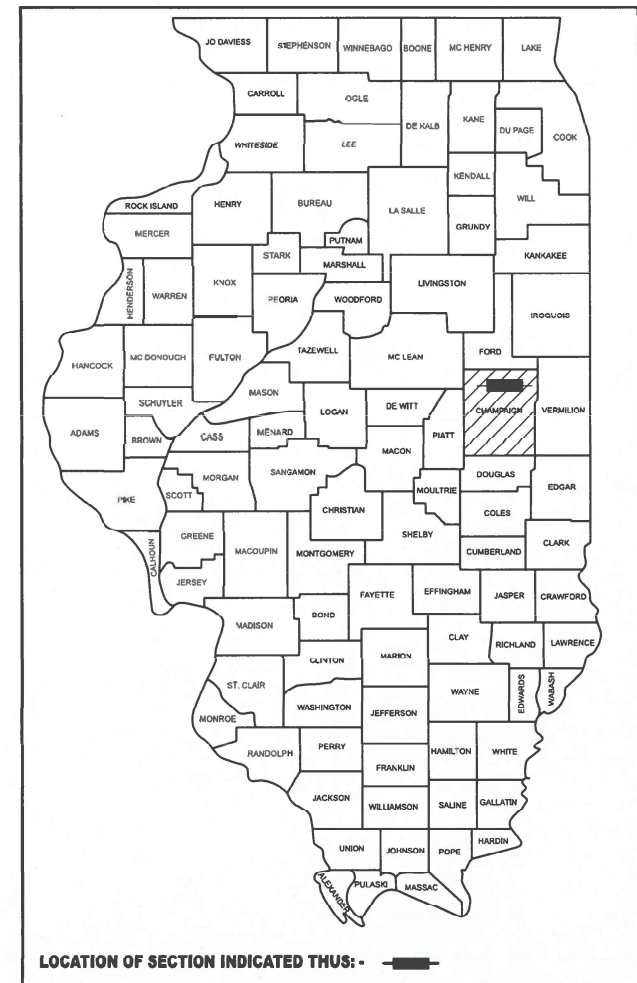
	LEG "A" US 136
2023 ADT	12,700
PU & PC %	93.3
SU %	3.9
MU%	2.8
TRUCK ROUTE CLASS	CLASS II
N.H.S. ROUTE	YES
FUNCTIONAL CLASS	O.P.A.

LEG "A" = US 136 UNDER ICRR

# PROPOSED HIGHWAY PLANS

FAP ROUTE 709 (US 136)  
SECTION: (113)PP  
PATCHING  
CHAMPAIGN COUNTY  
UNDER ICRR IN RANTOUL

C-95-039-25



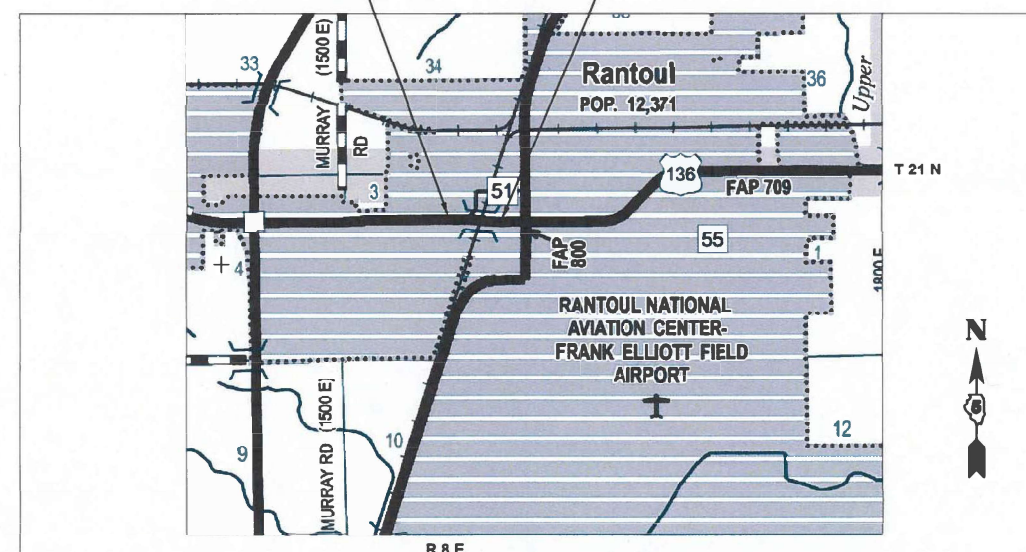
DESIGN DESIGNATION

OTHER PRINCIPAL ARTERIAL

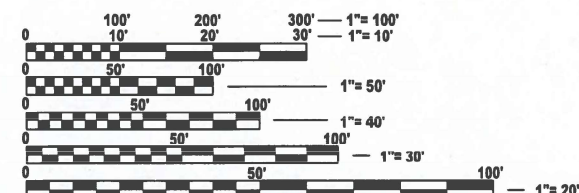
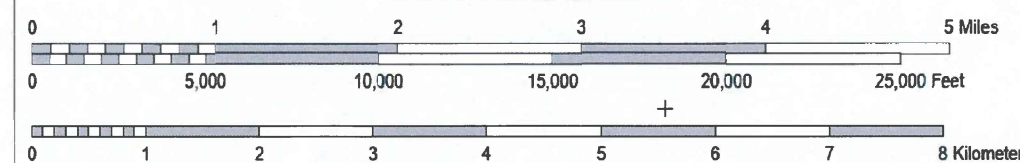
TOWNSHIP

RANTOUL

SECTION BEGINS: STA. 2289+82  
SECTION ENDS: STA. 2293+15.7



SCALE FOR MAIN MAP



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 EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER: JASON STULTS, P.E.  
SQUAD LEADER: JASON GOBLE  
DESIGNER: MATTHEW MURPHY  
PHONE: (217) 465-4181  
CONTRACT NO. 70H55

GROSS LENGTH = 333.70 FT. = 0.063 MILE  
NET LENGTH = 333.70 FT. = 0.063 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED 12/10 20 24  
Kennel A. Garnett, P.E.  
REGIONAL ENGINEER

January 31, 2025  
[Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT

January 31, 2025  
[Signature]  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS
2	HIGHWAY STANDARDS
2	GENERAL NOTES
2	COMMITMENTS
3 - 4	SUMMARY OF QUANTITIES
5	TYPICAL CROSS SECTION
6	SCHEDULE OF QUANTITIES
7	PATCHING PLAN SHEET
8	PAVEMENT MARKING PLAN SHEET
9 - 10	44200AAA CLASS A PATCHES (SPECIAL)
11 - 14	7800AAAA PAVEMENT MARKING AND MARKERS (RURAL & URBAN TYPICAL APPLICATIONS)

**HIGHWAY STANDARDS**

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006-00	DECIMAL OF AN INCH AND OF A FOOT
420001-10	PAVEMENT JOINTS
421001-03	BAR REINFORCEMENT FOR CRC PAVEMENT
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON-TRANSVERSABLE MEDIAN
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701901-10	TRAFFIC CONTROL DEVICES

**GENERAL NOTES**

G.N.-100A  
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-107.12  
THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

*Diane Lewis*  
Manager, Public Projects  
CN Railroad  
1006 E 4th Street  
Waterloo, IA 50703  
(319) 472-1031

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD FLAGGER CONTACT IS:

U.S. Flaggin Desk  
17641 South Ashland Avenue  
Homewood, Illinois 60430  
(682) 316-5097

SOME RAILROADS REQUIRE CONTRACTORS TO OBTAIN A RIGHT OF ENTRY PERMIT BEFORE ENTERING UPON RAILROAD RIGHT OF WAY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN A RAILROAD RIGHT OF ENTRY PERMIT FROM THE RAILROAD IF REQUIRED BY THE RAILROAD(S).

G.N.-406S  
**PROJECT POSTED SPEED LIMITS**

THE FOLLOWING TABLE IS A LISTING OF POSTED SPEED LIMITS WITHIN THE PROJECT LIMITS. THE ENGINEER SHALL FIELD VERIFY THESE LIMITS:

STATION	TO	STATION	POSTED SPEED LIMIT (MPH)
2289+00		2294+00	35

G.N.-440B  
THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND EXISTING MEDIANS, GUTTERS AND/OR COMBINATION CURB AND GUTTERS THAT ARE FOUND SUITABLE FOR REUSE SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY EXISTING TIE BARS THAT ARE FOUND UNSUITABLE TO BE INCORPORATED INTO THE PROPOSED CONSTRUCTION DUE TO EXCESSIVE RUSTING OR DISTRESS SHALL BE REMOVED FLUSH WITH THE FACE

OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS REMOVAL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-703A  
SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.-781  
THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS.

**COMMITMENTS**

THERE ARE NO COMMITMENTS FOR THIS PROJECT.

MODEL: General Notes-1 [Sheet]  
FILE NAME: c:\p\work\paw\projects\1052724\0570H55-Str-CenNotes.dgn

USER NAME = Justin.Cearlock	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES &amp; COMMITMENTS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			709	(113)PP	CHAMPAIGN	14	2	
	CHECKED -	REVISED -			CONTRACT NO. 70H55					
PLOT DATE = 12/4/2024	DATE -	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS   FED. AID PROJECT	

# SUMMARY OF QUANTITIES

LOCATION OF WORK: FAP 709 / US 136  
 URBAN - 4 LANE  
 O.P.A.  
 STA. 2289+82.0 ~ STA. 2293+15.7  
 COUNTY: CHAMPAIGN  
 FUNDING BREAKOUT: STATE 100%  
 CONSTRUCTION TYPE CODE: 0006

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
44213000	PATCHING REINFORCEMENT	SQ YD	1,303.0
44213200	SAW CUTS	FOOT	3,612.0
44213206	TIE BAR 5/8"	EACH	706.0
67100100	MOBILZATION	LUMP SUM	1.0
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LUMP SUM	1.0
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	LUMP SUM	1.0
70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	LUMP SUM	1.0
70103815	TRAFFIC CONTROL SURVEILANCE	CAL DAY	5.0
70307120	TEMPORARY PAVEMENT MARKING - LINE - 4" - TYPE IV TAPE	FOOT	201.0
* 78008310	POLYUREA PAVEMENT MARKING TYPE II - LINE 4"	FOOT	1,495.0
* 78008350	POLYUREA PAVEMENT MARKING TYPE II - LINE 12"	FOOT	123.0
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	1,495.0
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	123.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	18.0
* SPECIALTY ITEM			

MODEL: Summary of Quantities (Sheet)  
 FILE NAME: c:\p\work\wv\10\projects\1052724\10570H55-Sht-SOO.dgn

USER NAME = Bridgette.Pierson	DESIGNED - MWM	REVISED -
	DRAWN - JRG	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/9/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

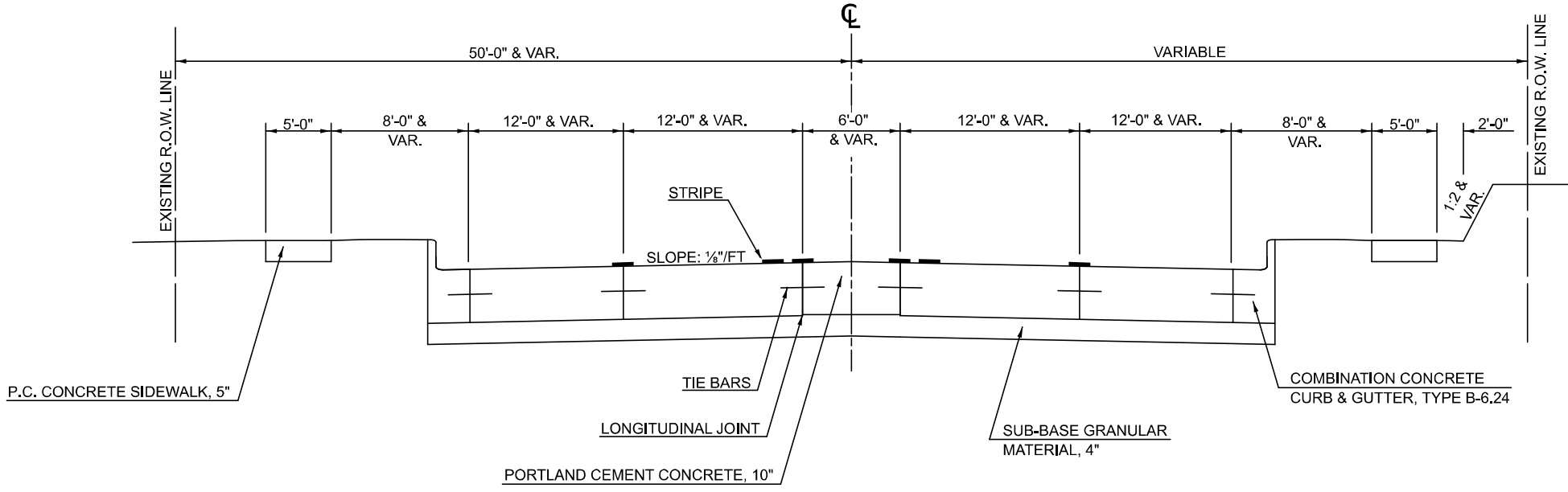
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	(113)PP	CHAMPAIGN	14	3
CONTRACT NO. 70H55				
ILLINOIS FED. AID PROJECT				



**EXISTING TYPICAL CROSS SECTION**

**FAP 709 (US ROUTE 136)**

STATION TO STATION  
2289+82.00 2293+15.70



MODEL: Typical Sections (Sheet)  
FILE NAME: c:\p\work\project\projects\1052724\DS70H55-Shr-Typical.dgn

USER NAME = Justin.Cearlock	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2024	DATE -	REVISED -

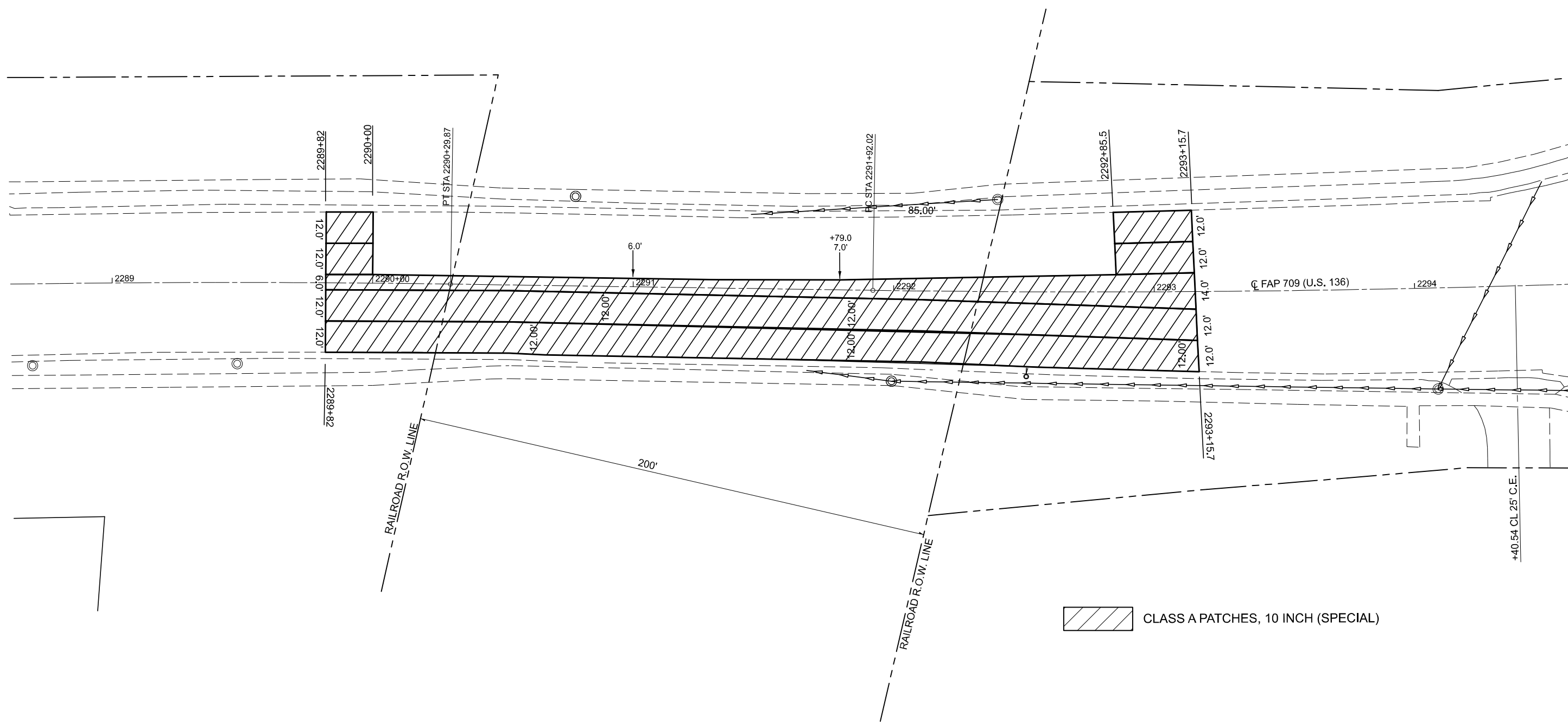
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EXISTING TYPICAL CROSS SECTION</b>	
<b>FAP 709 (US ROUTE 136)</b>	
SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	(113)PP	CHAMPAIGN	14	5
CONTRACT NO. 70H55				
ILLINOIS FED. AID PROJECT				



SEC. 3, T21N, R9E



 CLASS A PATCHES, 10 INCH (SPECIAL)

MODEL: I:\S136-Plan 1 [Sheet]  
FILE NAME: c:\p\work\project\projects\1052724\570H55-Shr-Plan20.dgn

USER NAME = Justin.Cearlock	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PATCHING PLAN SHEET**

SCALE: 1"=20'    SHEET 1 OF 1 SHEETS    STA. 2289+60.96 R2 TO STA. 2294+60.96 R2

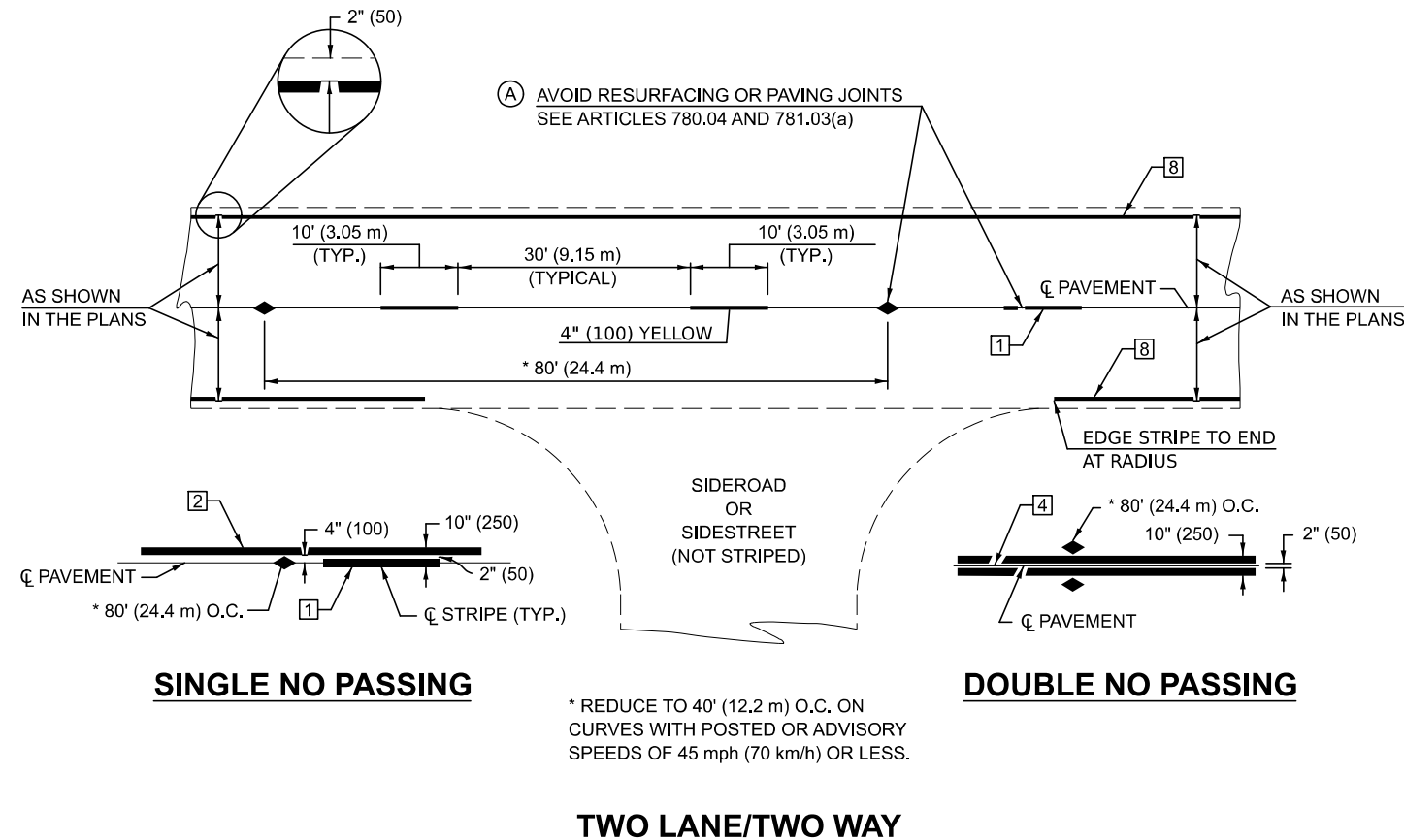
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	(113)PP	CHAMPAIGN	14	7
CONTRACT NO. 70H55				
ILLINOIS FED. AID PROJECT				







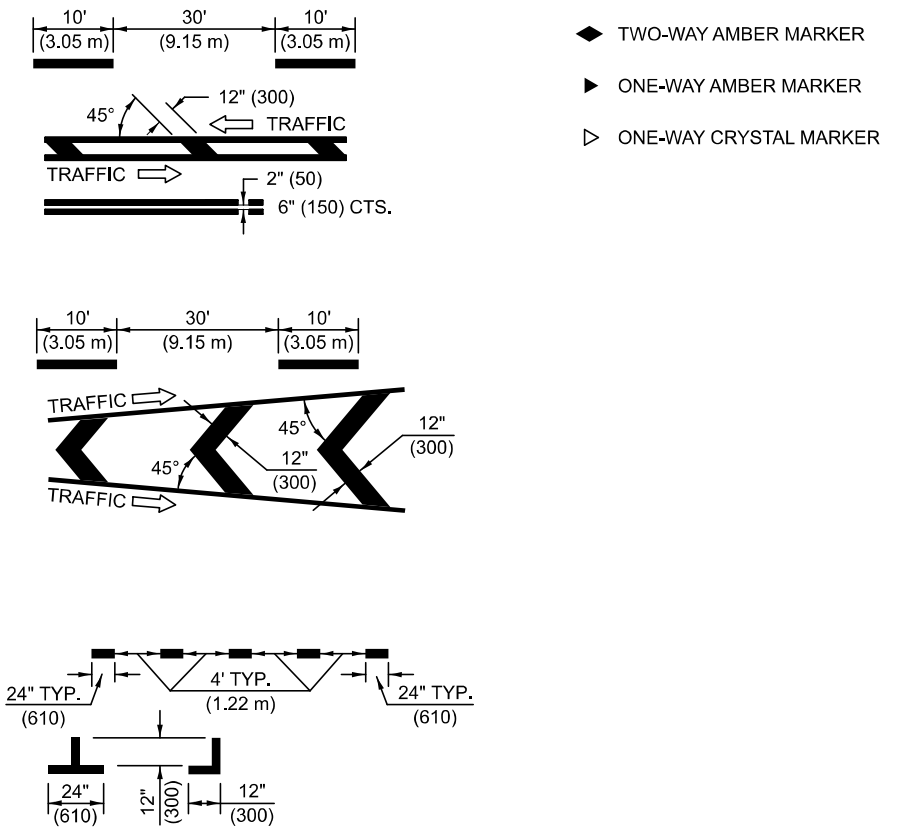




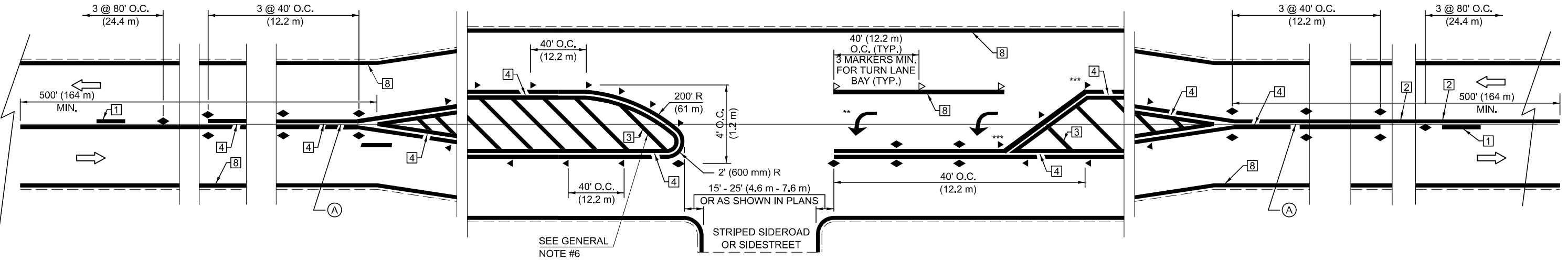
**TYPICAL PAVEMENT MARKING LENGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) 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) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

**TYPICAL PAVEMENT MARKERS LENGEND**



**RURAL LEFT TURN**



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

\*\* TURN ARROWS SHALL BE PLACED AS SHOWN OF SHEET #2.

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

**DISTRICT 5 DETAIL NO. 7800AAAA**

USER NAME = Justin.Cearlock	DESIGNED -	REVISED - 4/2014 JLA
	DRAWN -	REVISED - 3/2019 SWN
	CHECKED -	REVISED - 8/2022 JLA
PLOT DATE = 12/4/2024	DATE -	REVISED - 9/2022 JWS

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

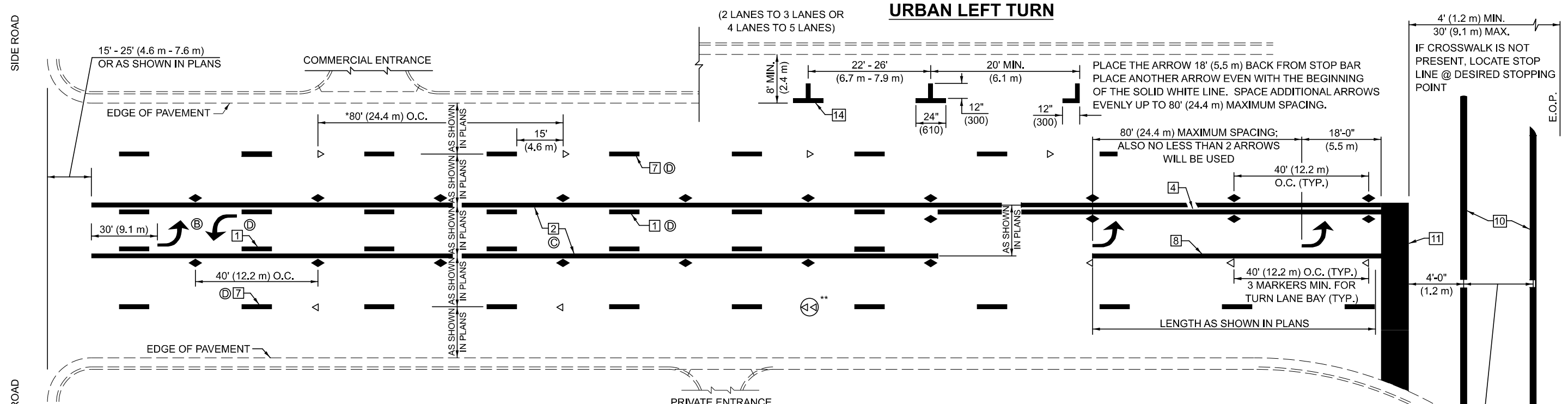
**PAVEMENT MARKING AND MARKERS**  
**(RURAL & URBAN APPLICATIONS)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	(113)PP	CHAMPAIGN	14	11
CONTRACT NO. 70H55				

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

MODEL: 7800AAAA\_Sheet 1 (Sheet)  
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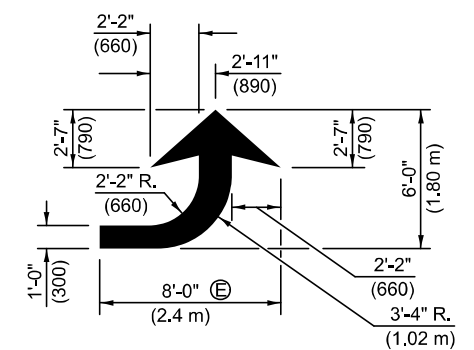
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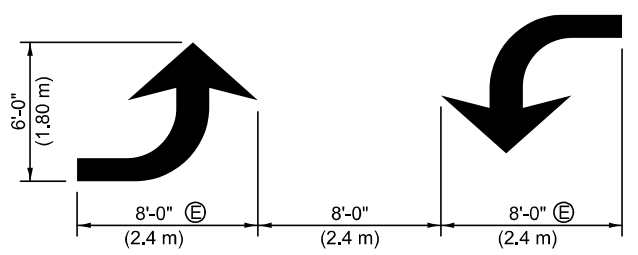
- \* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.
- \*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

**GENERAL NOTES:**

- Ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- Ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- Ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- Ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)

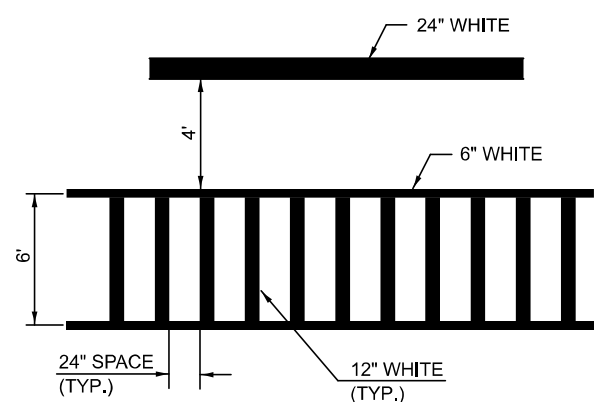


**LEFT ARROW**  
 REVERSE FOR RIGHT ARROW  
 AREA = 15.6 SQ. FT. (1.47 m)  
 (WHITE)

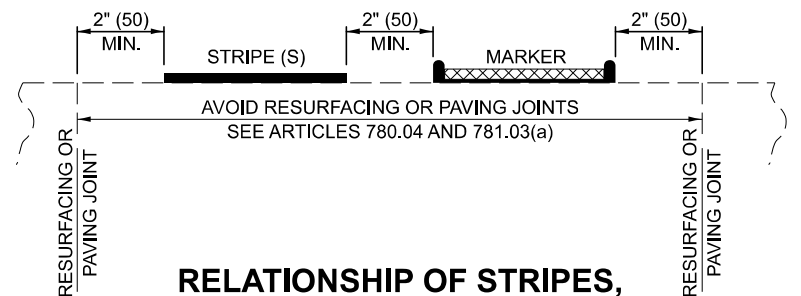


**TYPICAL DOUBLE TURN ARROWS (WHITE)**

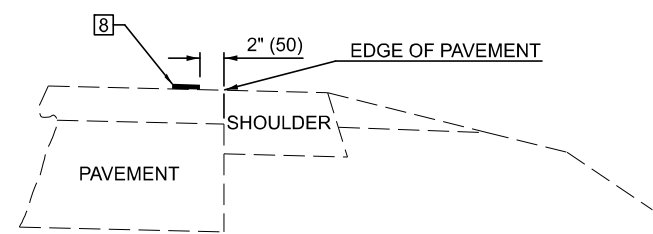
**BLOOMINGTON-NORMAL CITY LIMITS ONLY**



**TYPICAL SPACING FOR CROSSWALKS & STOP BARS**



**RELATIONSHIP OF STRIPES, MARKERS AND JOINTS**



**RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT**  
 (SAFETY SHOULDER OR PAVED SURFACE)  
 SEE ARTICLE 780.04

USER NAME = Justin.Cearlock	DESIGNED -	REVISED - 4/2014 JLA
	DRAWN -	REVISED - 3/2019 SWN
	CHECKED -	REVISED - 8/2022 JLA
PLOT DATE = 12/4/2024	DATE -	REVISED - 9/2022 JWS

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS  
 (RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	(113)PP	CHAMPAIGN	14	12
			CONTRACT NO. 70H55	
ILLINOIS FED. AID PROJECT				

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



