

04-28-2023 LETTING ITEM 110

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D7 CRACK SEALING 2023-I	**	7	1
		ILLINOIS	CONTRACT NO. 74A94	

** = CUMBERLAND & SHELBY

D-97-008-22

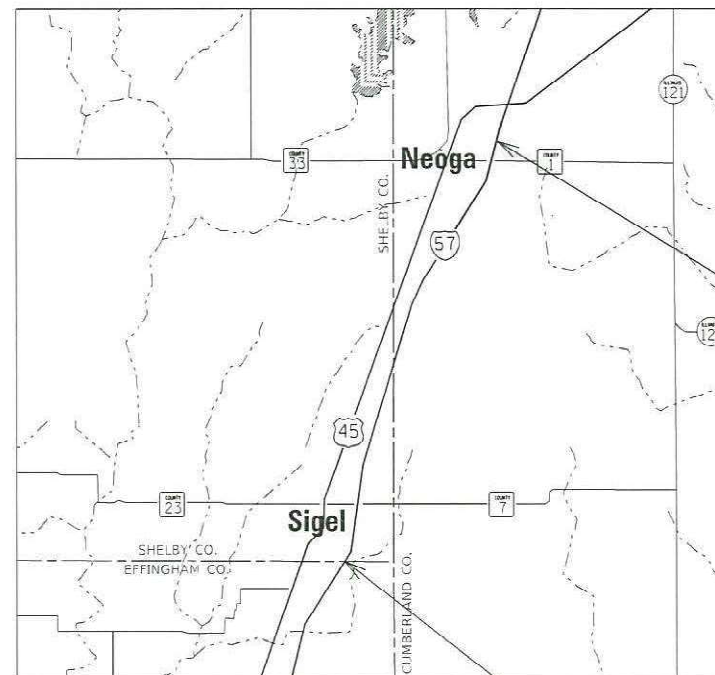
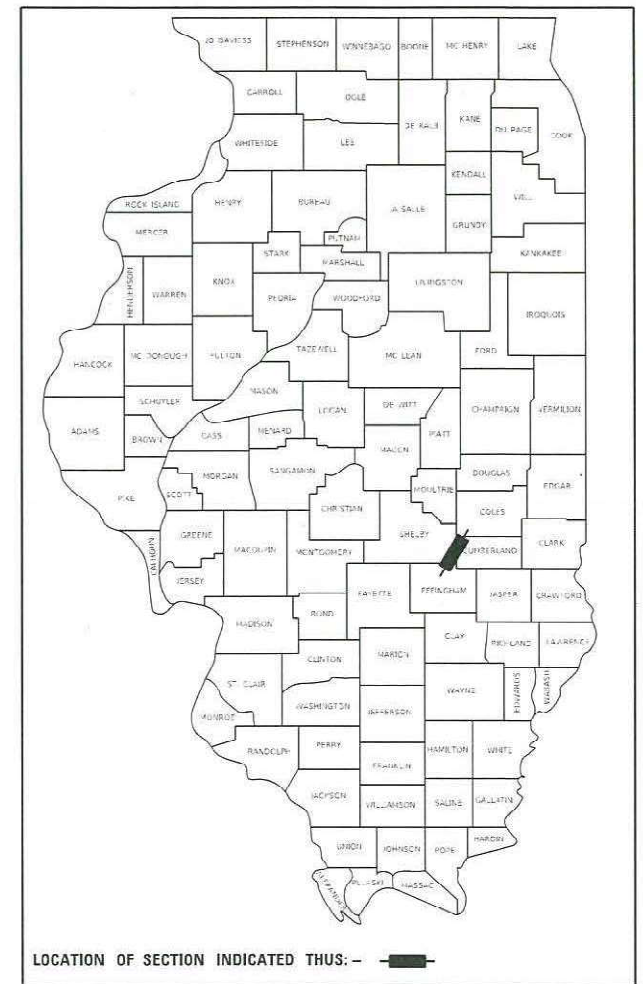
FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT = 19,400

PROPOSED HIGHWAY PLANS

FAI ROUTE 57 (I-57)
SECTION D7 CRACK SEALING 2023-4
PROJECT NHPP-RT7I(624)
CRACK AND JOINT SEALING
SHELBY AND CUMBERLAND COUNTIES

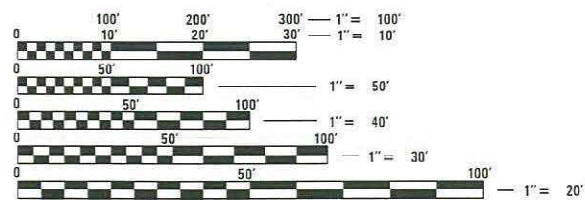
C-97-023-22



PROJECT ENDS
I-57
STA. 6033+00

PROJECT START
I-57
EFFINGHAM CO LINE

GROSS LENGTH = 7.84 MILES



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 - MATT BOWER
PROJECT MANAGER - KYLE PRICE

CONTRACT NO. 74A94

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 1, 2023
Jeffrey P. Myrland
REGIONAL ENGINEER

March 24, 2023
John A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

March 24, 2023
Stephen McQuinn
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

JOB LOCATION

GENERAL NOTES

THIS PROJECT IS LOCATED ON FAI 57 (INTERSTATE 57) IN SHELBY AND CUMBERLAND COUNTIES, BETWEEN THE EFFINGHAM COUNTY LINE AND STATION 6033+00 BEFORE THE NEOGA INTERCHANGE WITH US 45. THE WORK INCLUDED IN SECTION (D7 CRACK SEALING 2023-4) CONSISTS OF ROUTING, CLEANING, AND SEALING OF THE CENTERLINE LONGITUDINAL AND EDGELINE JOINT IN THE EXISTING HOT-MIX ASPHALT PAVEMENT, REPLACING PAVEMENT MARKINGS DAMAGED BY ROUTING / SEALING PROCESS, AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

THERMOPLASTIC PAVEMENT MARKINGS WILL NOT BE GROoved INTO THE PAVEMENT.

AS LONG AS THE REFLECTIVE PAVEMENT MARKER'S CASTING IS NOT COMPROMISED FROM THE ROUTING OPERATION IT WILL NOT NEED TO BE REMOVED AND REPLACED.

REFLECTIVE PAVEMENT MARKERS WILL HAVE THE LENS REPLACED IF THE LENS IS DAMAGED OR COVERED BY THE SEALING MATERIAL (WHILE SEALING OR FROM VEHICLE TRACKING AFTERWARDS). PRIOR TO LENS REPLACEMENT THE CASTING SHALL BE CLEANED AND FREE OF ANY EXISTING EPOXY BEFORE A NEW LENS IS PLACED AS PER STANDARDS SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 781.03 (c) "REPLACEMENT".

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES / INDEX OF SHEETS / LIST OF STANDARDS
- 3 SUMMARY OF QUANTITIES
- 4 SCHEDULE OF QUANTITIES
- 5 CRACK & JOINT SEALING DETAILS
- 6-7 DISTRICT 7 PAVEMENT MARKING DETAILS

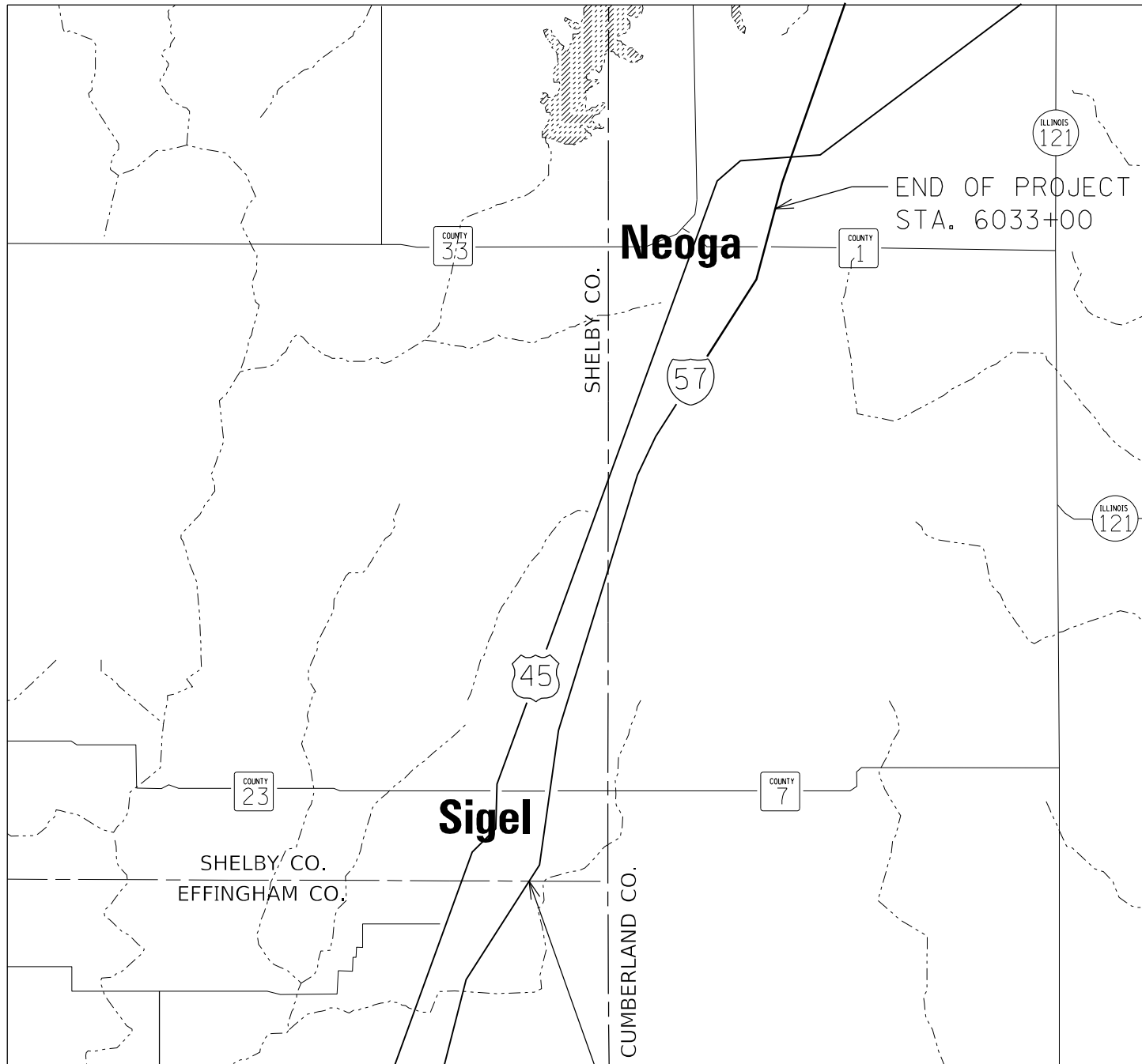
THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

CRACK FILLING 0.3 LB/FT

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLOWING THE LAST NUMBERED SHEET OF THE PLANS.

STD. NO. DESCRIPTION

- 000001 - 08 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701101 - 05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701106 - 02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
- 701426 - 09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
- 701901 - 08 TRAFFIC CONTROL DEVICES
- 781001 - 04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 780001 - 05 TYPICAL PAVEMENT MARKINGS



** = SHELBY & CUMBERLAND

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/1/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES, INDEX, AND STANDARD LIST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D7 CRACK SEALING 2023-4	**	7	2
			CONTRACT NO. 74A94	
ILLINOIS FED. AID PROJECT				

ROUTING, SEALING, RPM, AND THERMO

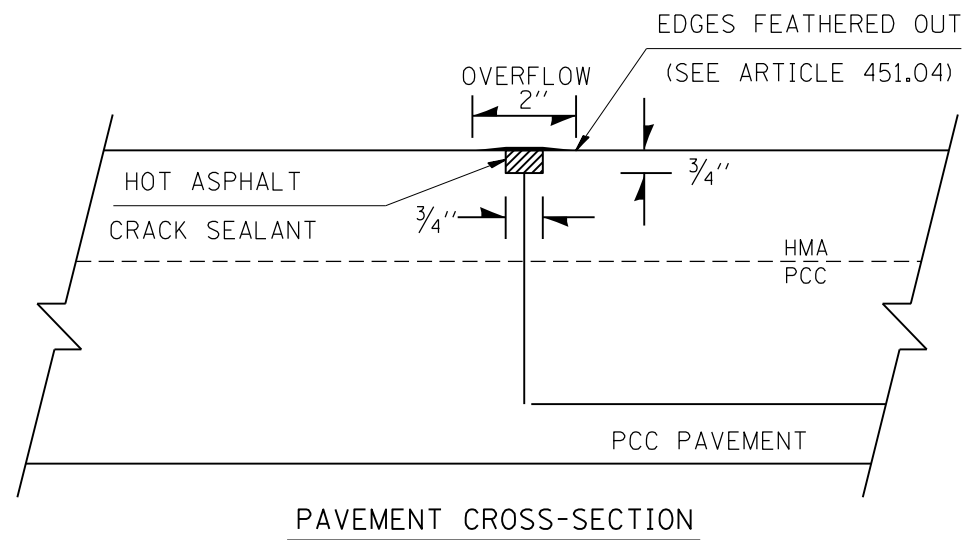
STATION	TO	STATION	LENGTH	CRACK ROUTING (PAVEMENT)	CRACK FILLING	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 6 INCH	WHITE	YELLOW	REPLACEMENT REFLECTOR	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
			FT	45100100 FT	45100200 POUND	X7800835 FT	FT	FT	78100300 EACH	78100100 EACH	78300200 EACH
EFFINGHAM/SHELBY CO LINE											
5618+97.50		5807+13.89	18816	188164	56449	84674	47041	37633	941	10	10
SHELBY/CUMBERLAND CO LINE											
5807+13.89		6033+00.00	22586	225861	67758	101637	56465	45172	1129	13	13
SHELBY COUNTY			18816	188164	56449	84674	47041	37633	941	10	10
CUMBERLAND COUNTY			22586	225861	67758	101637	56465	45172	1129	13	13
TOTAL			41403	414025	124208	186311	103506	82805	2070	23	23

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** = SHELBY & CUMBERLAND

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																
57	D7 CRACK SEALING 2023-4	**	7	4																
CONTRACT NO. 74A94																				

ILLINOIS FED. AID PROJECT




 ROUTED, CLEANED,
AND SEALED

TYPICAL DETAIL FOR JOINTS

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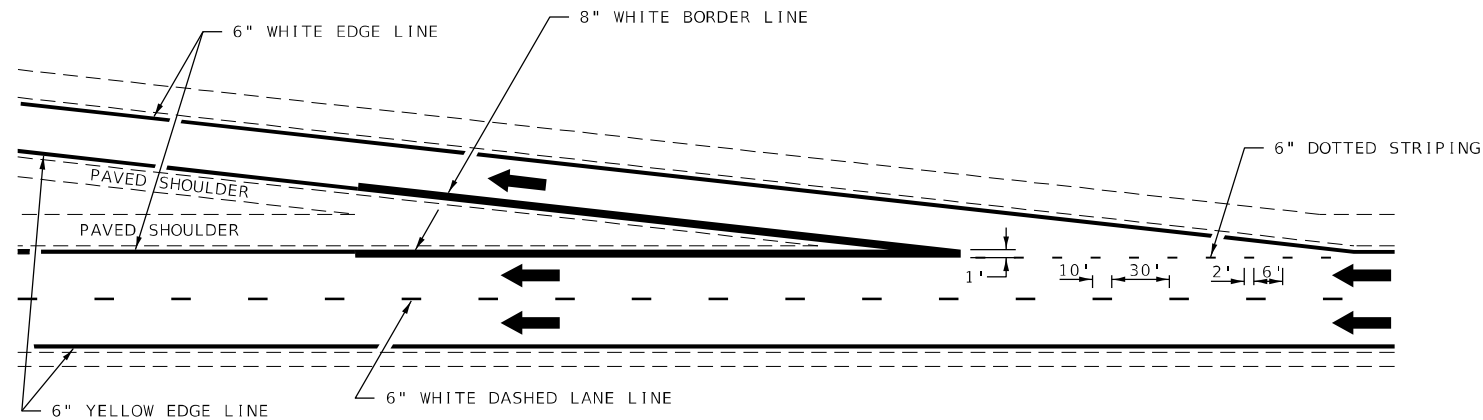
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

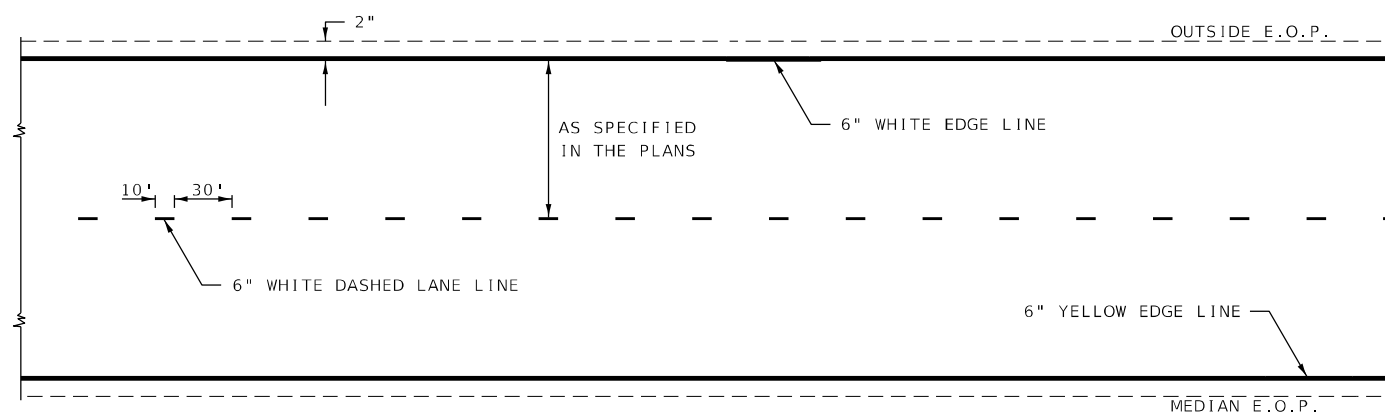
CRACK AND JOINT SEALING DETAIL

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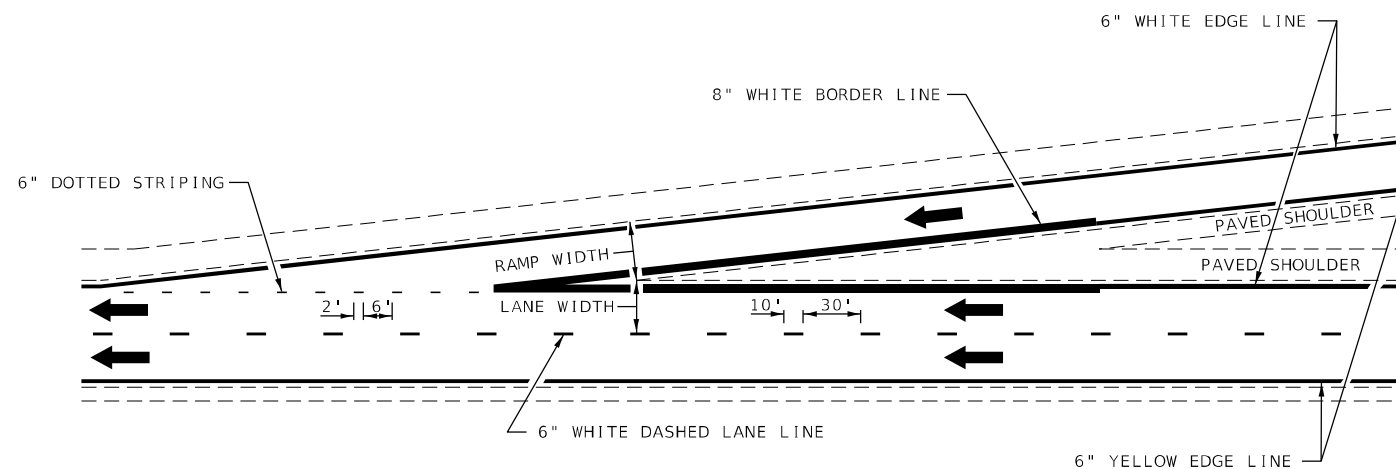
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57	D7 CRACK SEALING 2023-4	**	7	5
CONTRACT NO. 74A94				
ILLINOIS FED. AID PROJECT				



TYPICAL EXIT RAMP MARKING



TYPICAL CENTERLINE & EDGELINE MARKINGS



TYPICAL ENTRANCE RAMP MARKING

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NOT TO SCALE

DISTRICT 7 DETAIL NO. 78000002

USER NAME = Mona.Steffen	DESIGNED -	REVISED - MKS 04-08
	DRAWN -	REVISED - DRM 01-09
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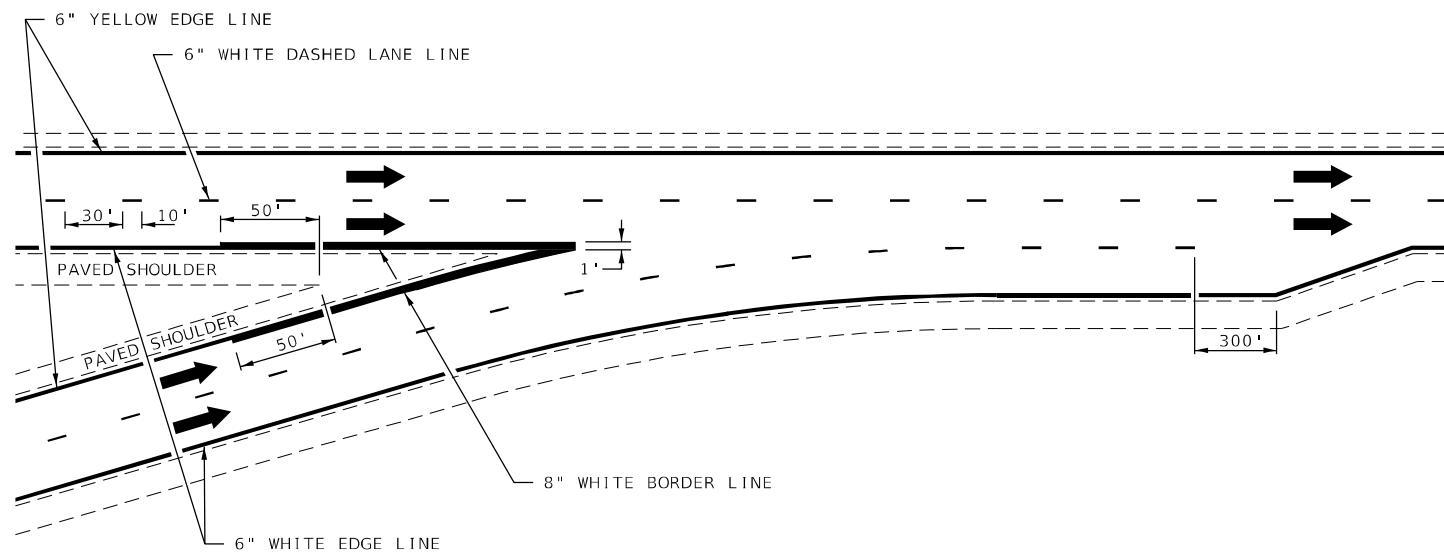
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL APPLICATIONS OF FREEWAY/EXPRESSWAY
PAVEMENT MARKING**

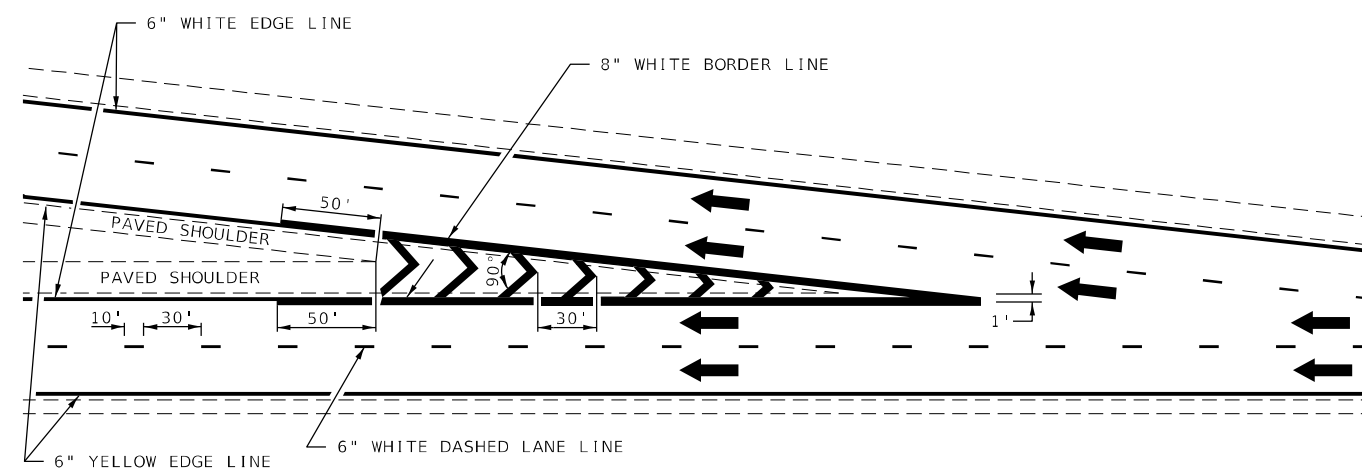
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 74A93
ILLINOIS FED. AID PROJECT				

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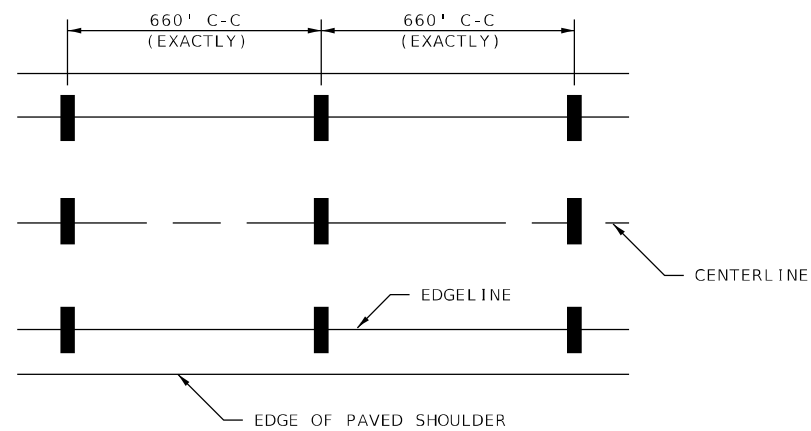
TYPICAL CONVERGENCE MARKING



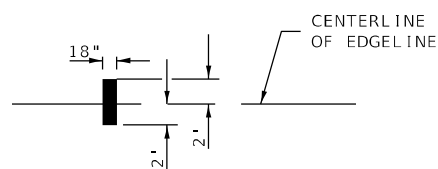
TYPICAL DIVERGENCE MARKING

FAYETTE AND CLAY COUNTIES

AERIAL SPEED CHECK ZONES



IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF MEASUREMENT CAN BE ATTESTED TO IN COURT.



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NOT TO SCALE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS OF FREEWAY/EXPRESSWAY
PAVEMENT MARKING

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

DISTRICT 7 DETAIL NO. 78000002				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D7 CRACK SEALING 2023-4	**	7	7
			CONTRACT NO. 74A93	
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