

04-28-2023 LETTING ITEM 049

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT = 13,500 (2021)

STATION EQUATION
3319+28.7 BK = 4199+97.3 AH

PROPOSED HIGHWAY PLANS

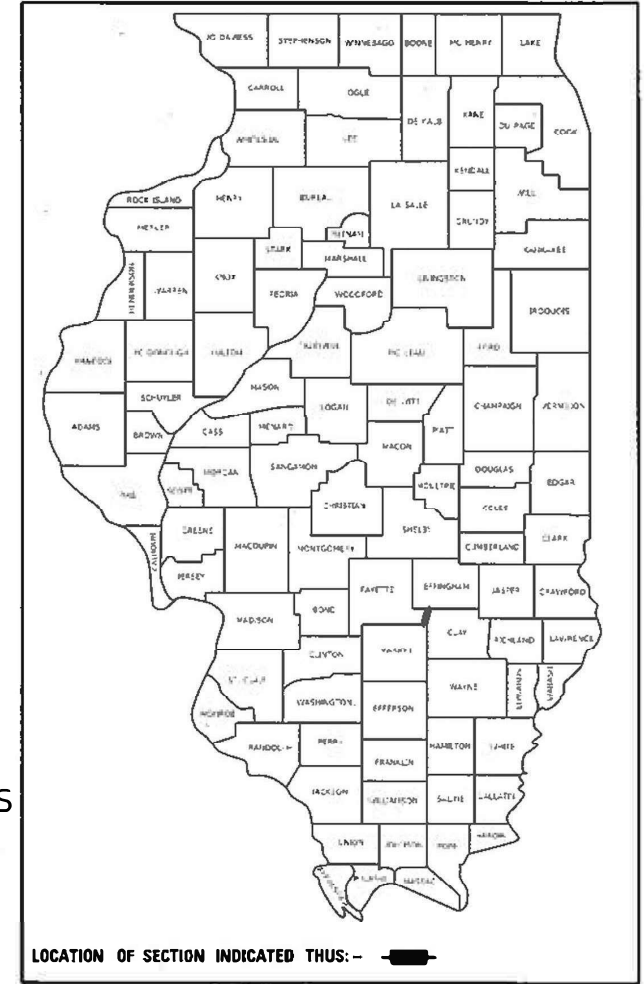
FAI ROUTE 57 (I-57)
SECTION D7 CRACK SEALING 2023-3
PROJECT NHPP-K4DE(399)
CRACK & JOINT SEALING
FAYETTE & CLAY COUNTY

C-97-022-22

FAI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D7 CRACK SEALING 2023-3		6	1

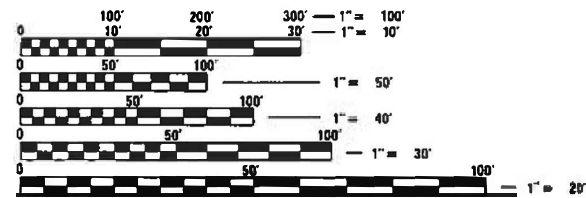
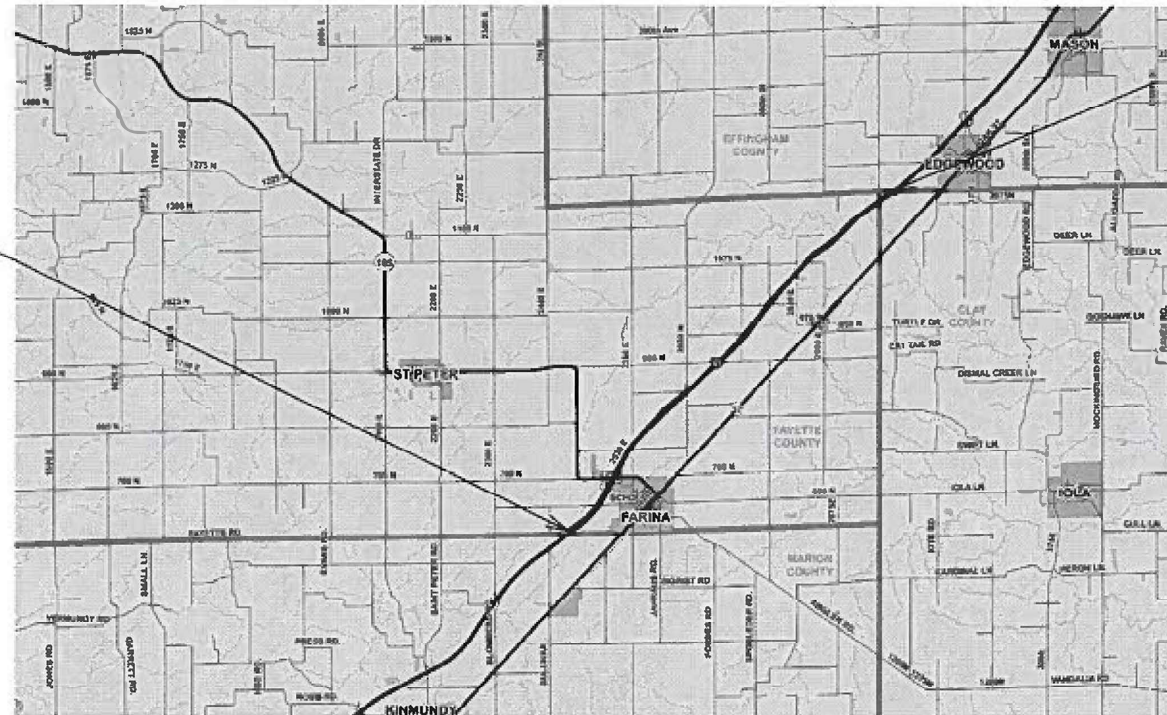
FAYETTE AND CLAY COUNTIES

D-97-0007-22



PROJECT BEGINS
STA. 2862+94

PROJECT ENDS
STA. 4207+51



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 JACQUELYN SEALS

GROSS LENGTH = 46389 FT. = 8.786 MILE
NET LENGTH = 46389 FT. = 8.786 MILE

CONTRACT NO. 74A93

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 31, 2023
Jeffrey P. Myerles
REGIONAL ENGINEER

March 24, 2023
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

March 24, 2023
Steph M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

THE WORK INCLUDED IN THIS SECTION CONSISTS OF ROUTING, CLEANING, AND SEALING OF THE CENTERLINE AND EDGELINE LONGITUDINAL JOINTS AND REPLACEMENT OF ANY PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS DAMAGED OR COVERED BY ROUTING OR SEALING.

ONLY RAISED REFLECTIVE PAVEMENT MARKER CASTINGS DAMAGED BY ROUTING NEED TO BE REPLACED. REFLECTIVE LENSES DAMAGED OR COVERED BY SEALANT SHOULD 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).

WORK BEGINS AT THE MARION COUNTY LINE AND CONTINUES TO THE EFFINGHAM COUNTY LINE ON INTERSTATE 57.

APPLICATION RATE:
SEALANT = 0.30 POUNDS PER FOOT

INDEX OF SHEETS

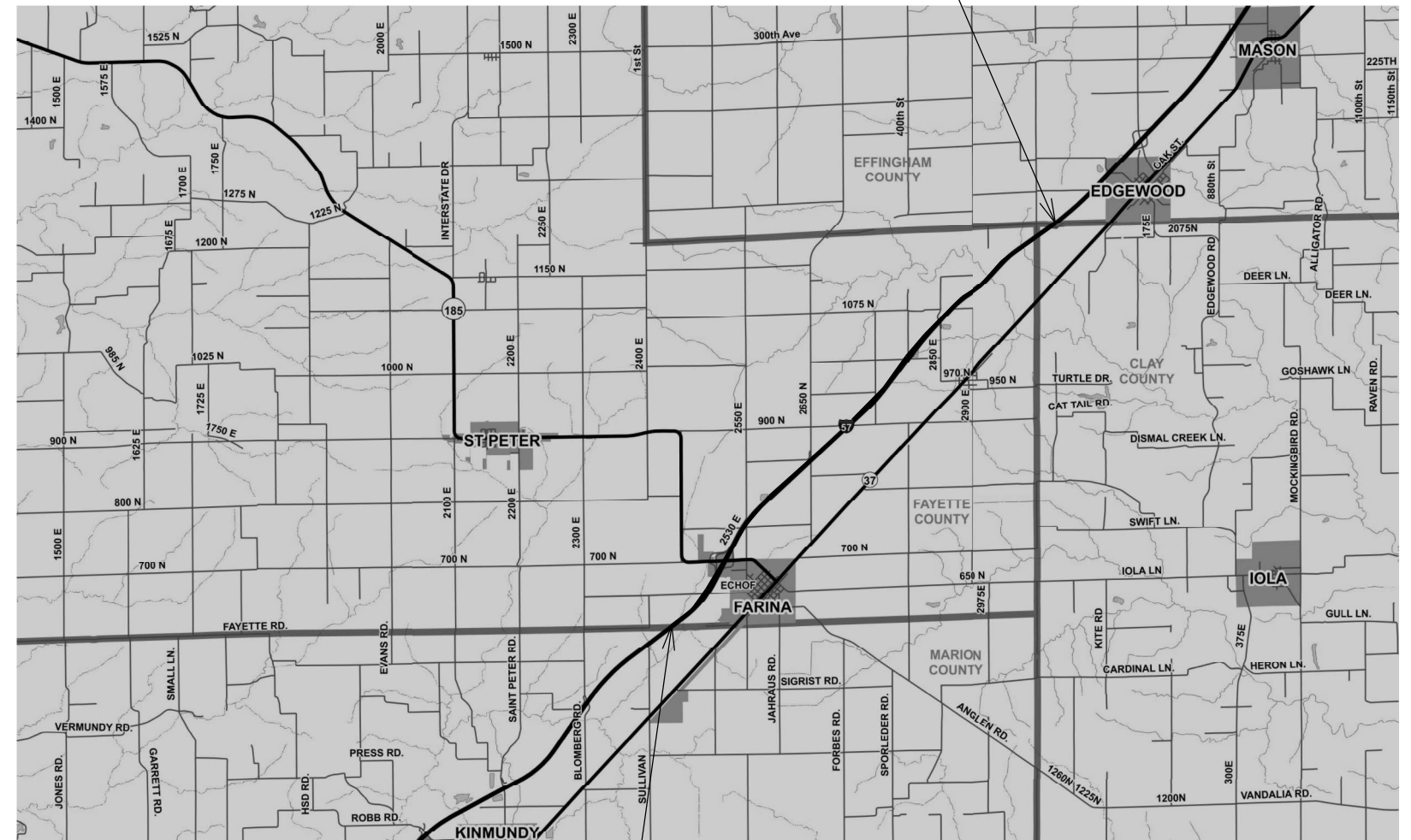
SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS & LIST OF STANDARDS
3	SUMMARY OF QUANTITIES
4	CRACK & JOINT SEALING DETAILS
5-6	DISTRICT 7 PAVEMENT MARKING DETAILS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 6:

STANDARD 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' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5M) AWAY
701426-09	LANE CLOSURE, MULTILANE- INTERMITTANT OR MOVING, 45-55 MPH
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL RAISED REFLECTIVE PAVEMENT MARKERS

LOCATION MAP

PROJECT ENDS STA. 4207+51



PROJECT BEGINS STA. 2862+94

STATION EQUATION
BK 3319+28.7= AH 4199+97.3

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, INDEX OF SHEETS
LIST OF STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D7 CRACK SEALING 2023-3	*	6	2
CONTRACT NO. 74A93				
ILLINOIS FED. AID PROJECT				

FAYETTE AND CLAY COUNTIES

90% FED
10% STATE

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
				0005 FAYETTE	0005 CLAY
45100100	CRACK ROUTING (PAVEMENT)	FOOT	278334	267528	10806
45100200	CRACK FILLING	POUND	83500	80258	3242
67100100	MOBILIZATION	L SUM	1	0.8	0.2
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56	34	22
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	231946	222940	9006
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	10	8	2
* 78100300	REPLACEMENT REFLECTOR	EACH	4639	4459	180

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	

* SPECIALTY ITEM

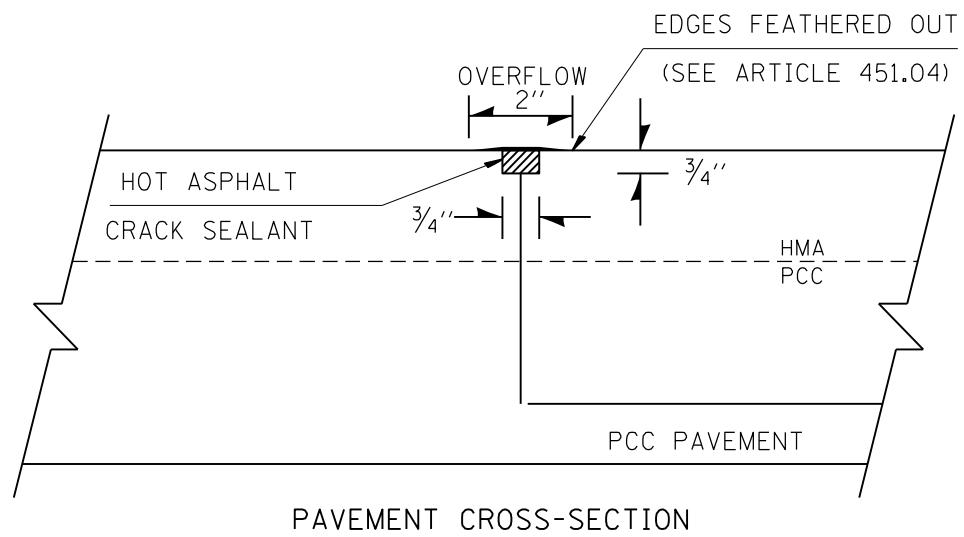
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USER NAME = Mona.Steffen	DESIGNED -	REVISED -
DRAWN -	CHECKED -	REVISED -
PLOT SCALE = 100,0000 ' / in.	DATE -	REVISED -
PLOT DATE = 1/26/2023		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUNTITIES			
SCALE:	SHEET	OF	SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D7 CRACK SEALING 2023-3	*	6	3
CONTRACT NO. 74A93				
ILLINOIS FED. AID PROJECT				

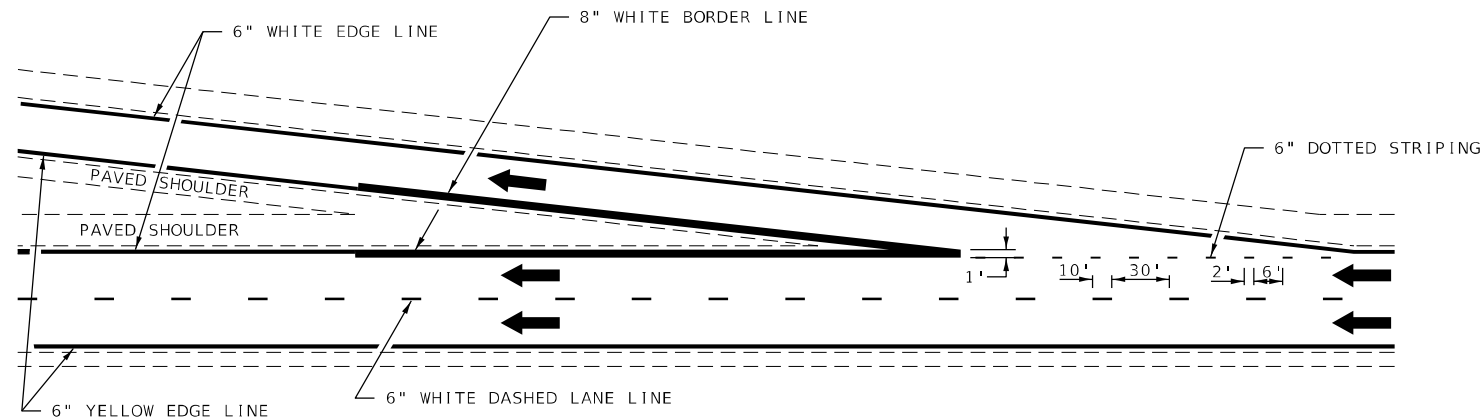


 ROUTED, CLEANED, AND SEALED

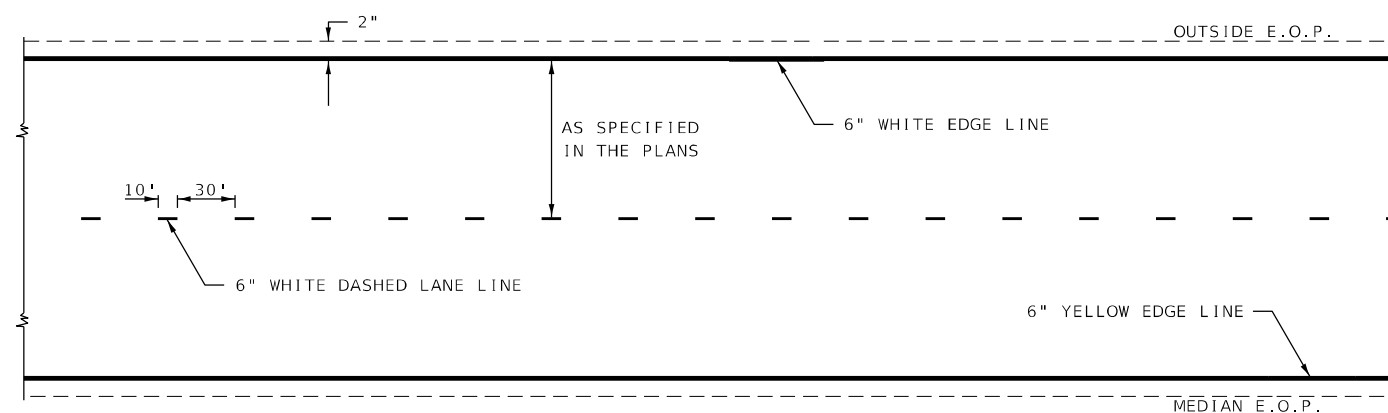
TYPICAL DETAIL FOR JOINTS

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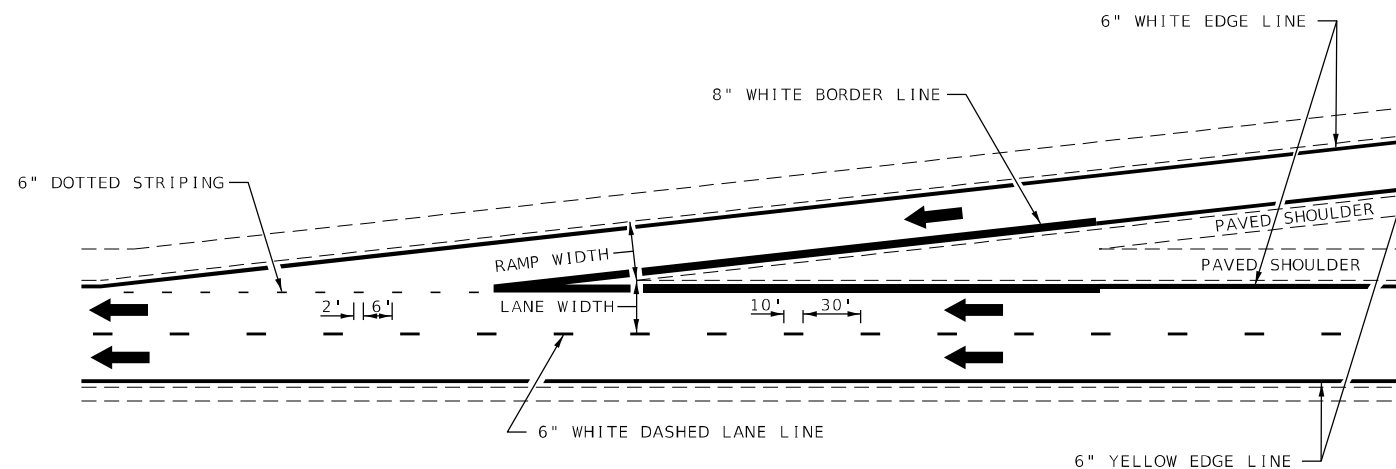
USER NAME = Mona.Steffen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CRACK AND JOINT SEALING DETAIL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	57					D7 CRACK SEALING 2023-3	*	6	4	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 74A93				
PLOT DATE = 1/26/2023	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



TYPICAL EXIT RAMP MARKING



TYPICAL CENTERLINE & EDGELINE MARKINGS



TYPICAL ENTRANCE RAMP MARKING

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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PLOT DATE = 1/26/2023	DATE -	REVISED - MAD 01-20

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

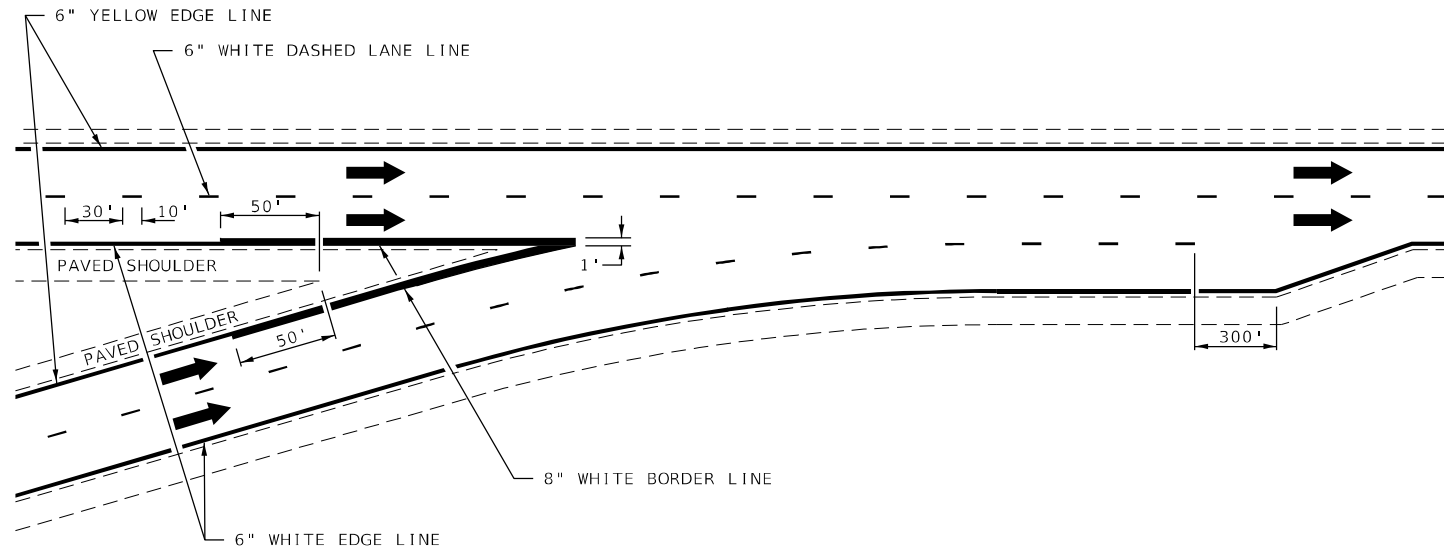
TYPICAL APPLICATIONS OF FREEWAY/EXPRESSWAY
PAVEMENT MARKING

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

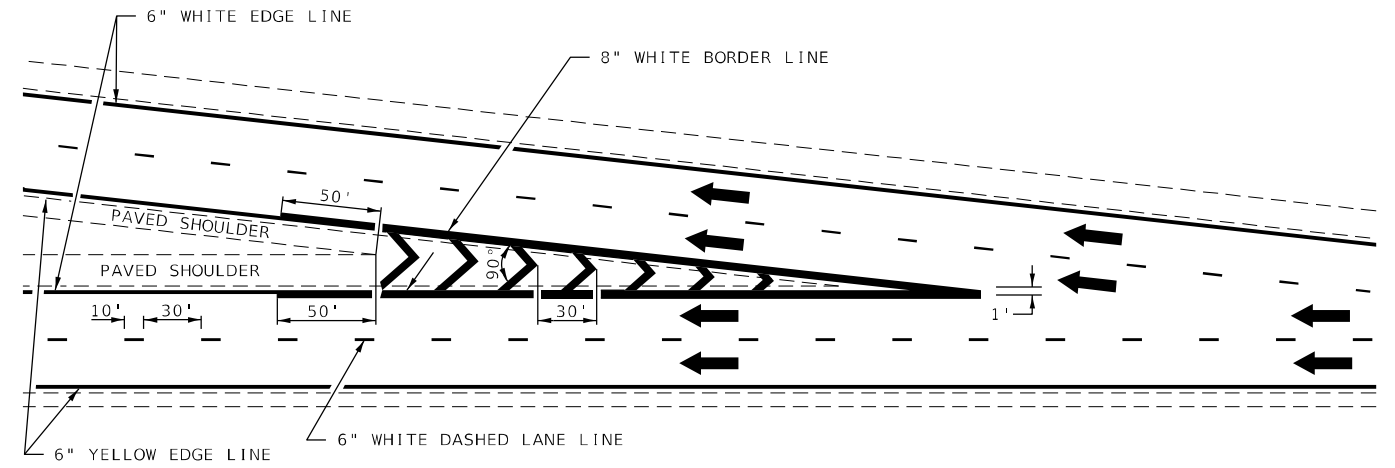
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57	D7 CRACK SEALING 2023-3	*	6	5
CONTRACT NO. 74A93				
ILLINOIS FED. AID PROJECT				

FAYETTE AND CLAY COUNTIES

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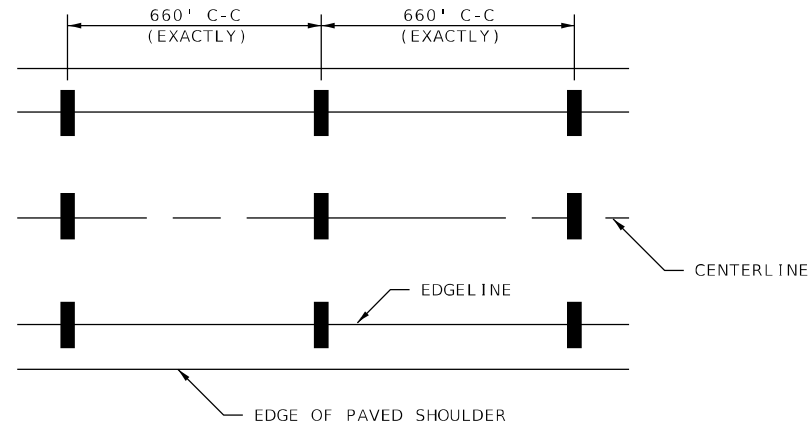
TYPICAL CONVERGENCE MARKING



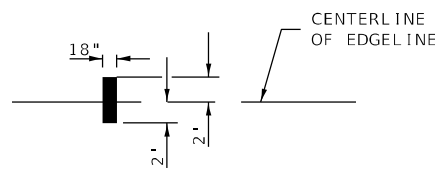
TYPICAL DIVERGENCE MARKING

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.



NOT TO SCALE

DISTRICT 7 DETAIL NO. 78000002

USER NAME = Mona.Steffen	DESIGNED -	REVISED - MMO 12-99
	DRAWN -	REVISED - DRM 08-04
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - MKS 04-08
PLOT DATE = 1/26/2023	DATE -	REVISED - DRM 01-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS OF FREEWAY/EXPRESSWAY
PAVEMENT MARKING

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D7 CRACK SEALING 2023-3	*	6	6
CONTRACT NO. 74A93				
ILLINOIS FED. AID PROJECT				

FAYETTE AND CLAY COUNTIES

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