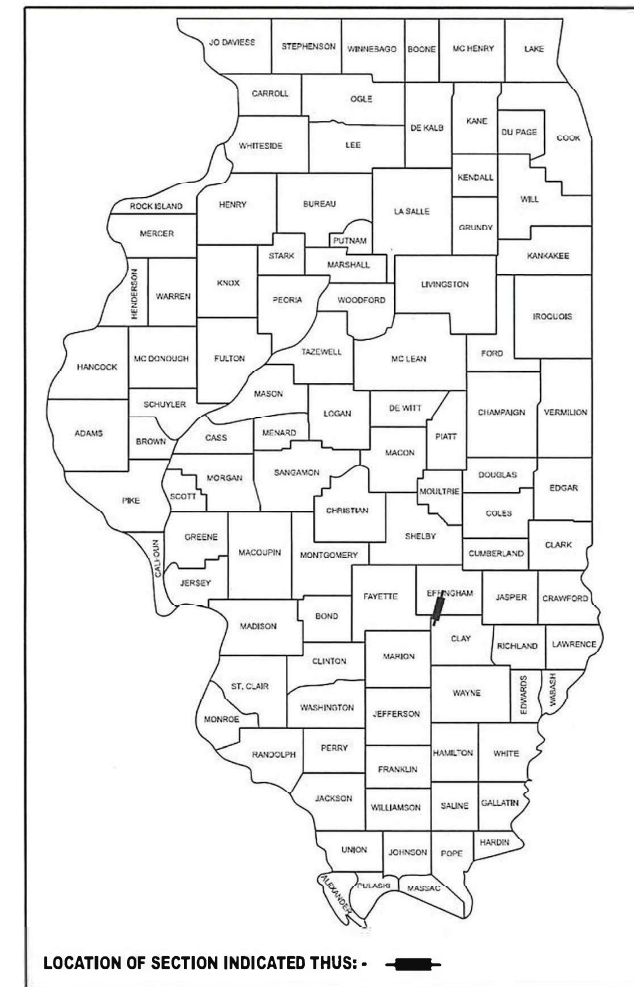


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57 (I-57)	D7 CRACK SEALING 2025-1	EFFINGHAM	8	1
		ILLINOIS	CONTRACT NO. 74C48	

D-97-094-23



LOCATION OF SECTION INDICATED THUS: ■■■■■

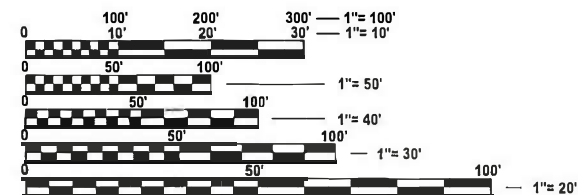
FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT = 19,900 (2023)

PROPOSED
HIGHWAY PLANS

FAI ROUTE 57 (I-57)
SECTION D7 CRACK SEALING 2025-1
PROJECT NHPP-3GH7(234)
CRACK AND JOINT SEALING
EFFINGHAM COUNTY

C-97-125-23

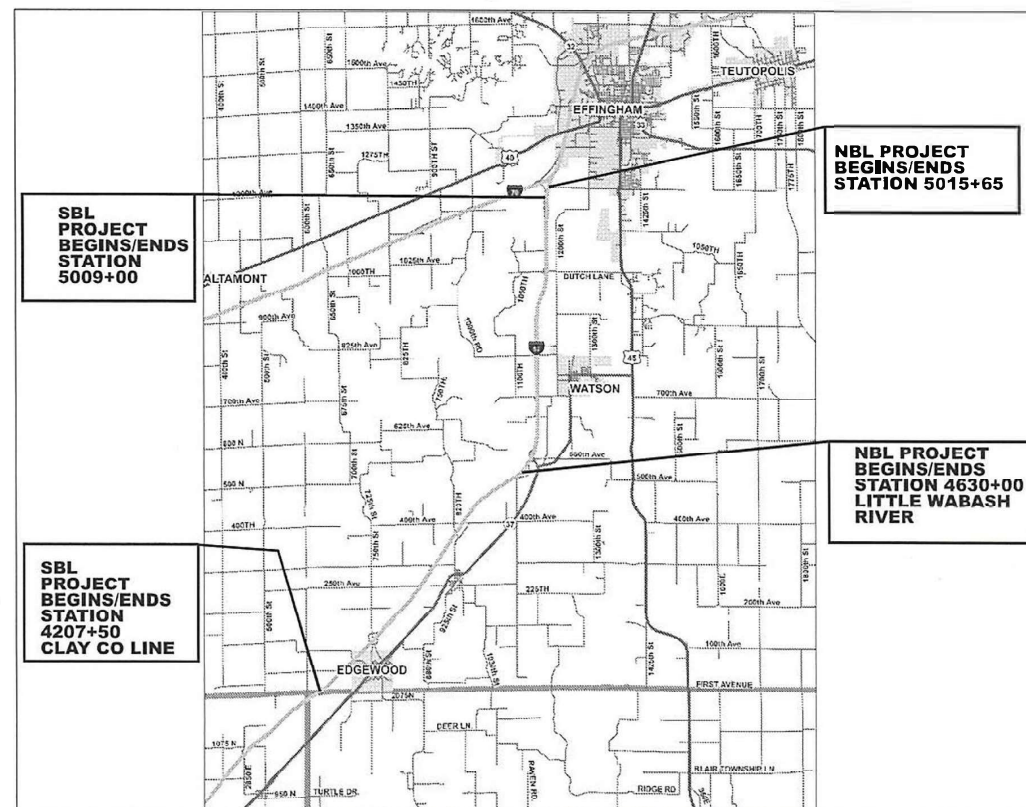


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: BRIAN LEWIS
PROJECT MANAGER: TREVOR WILL

CONTRACT NO. 74C48



GROSS LENGTH = 111,144 FT. = 21.05 MILES
NET LENGTH = 110,311 FT. = 20.9 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED DECEMBER 31 20 24
Jeff P. Myerks REGIONAL ENGINEER
March 21 2025
Scott A. Etk ENGINEER OF DESIGN AND ENVIRONMENT
March 21 2025
Jeff P. Myerks DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

REV - MS

GENERAL NOTES

THIS PROJECT IS LOCATED ON FAI 57, INTERSTATE 57 IN EFFINGHAM COUNTY, ON THE NORTH AND SOUTH BOUND LANES. SOUTH BOUND LANES BETWEEN STATION 5009+00 AT THE CONSTRUCTION JOINT JUST SOUTH OF I-70, TO THE EFFINGHAM, CLAY COUNTY LINE STATION 4207+50. THE NORTH BOUND LANES BETWEEN STATION 5015+65 AT THE CONSTRUCTION JOINT JUST SOUTH OF I70, TO THE LITTLE WABASH RIVER AT STATION 4630+00.

THE WORK INCLUDED IN SECTION D7 CRACK SEALING 2025-1 CONSISTS OF ROUTING, CLEANING, AND SEALING OF THE CENTERLINE LONGITUDINAL AND EDGELINE JOINTS IN THE EXISTING HOT-MIX ASPHALT PAVEMENT, REPLACING PAVEMENT MARKINGS DAMAGED BY ROUTING / SEALING PROCESS, AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

EXISTING PAVEMENT MARKINGS SHALL REMAIN IN PLACE AND SHALL BE COVERED WITH THE NEW THERMOPLASTIC PAVEMENT MARKINGS. THE PERFORMANCE INSPECTION IN ACCORDANCE WITH ARTICLE 780.13 WILL STILL APPLY TO THE PAVEMENT MARKINGS,

RAISED REFLECTIVE PAVEMENT MARKER CASTINGS AND REFLECTORS SHALL BE PROTECTED AS PER SPEC 451.04. RAISED REFLECTIVE PAVEMENT MARKER 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 RESPONSIBLIITY OF THE CONTRACTOR AND WILL NOT BE PAID FOR SEPARATELY.

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS & GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	LOCATION MAP
5	SCHEDULE OF QUANTITIES
6	CRACK AND JOINT SEALING DETAIL
7-8	DISTRICT 7 PAVEMENT MARKING DETAILS

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

CRACK FILLING 0.30 LB/FT

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

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' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) FROM PAVEMENT EDGE
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS GREATER THAN 45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS GREATER THAN 45 MPH
701901-10	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

REV - MS

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		DRAWN -	REVISED -					57 (I-57)	D7 CRACK SEALING 2025-1	EFFINGHAM	8	2
		CHECKED -	REVISED -					CONTRACT NO. 74C48				
	PLOT DATE = 12/31/2024	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: SUMMARY OF QUANTITIES [Sheet]
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		90% FED 10% STATE		
		CONSTRUCTION TYPE CODE		
CODE NO.	SUMMARY OF QUANTITIES ITEM	UNIT	TOTAL QUANTITY	0005
45100100	CRACK ROUTING (PAVEMENT)	FOOT	330933	330933
45100200	CRACK FILLING	POUND	99280	99280
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	248200	248200

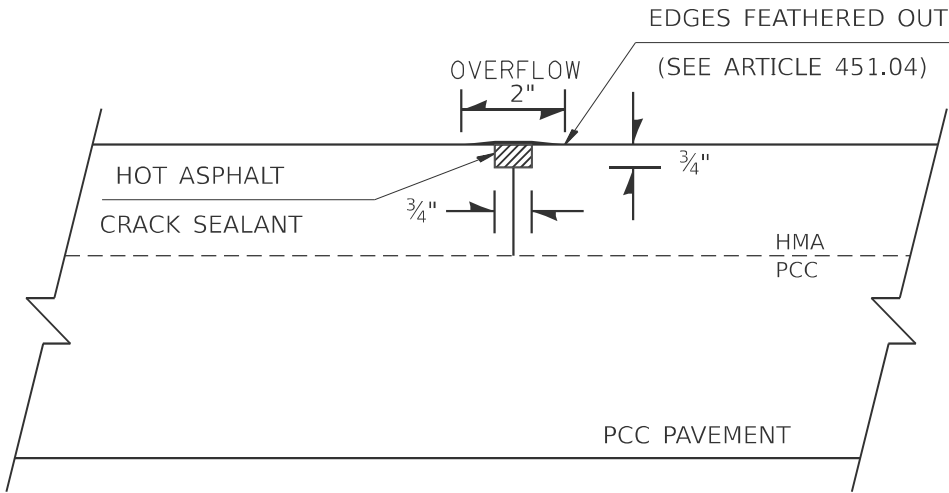
* SPECIALTY ITEM

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		CHECKED -	REVISED -					CONTRACT NO. 74C48				
	PLOT DATE = 12/4/2024	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

ROUTING, SEALING, THERMO

STATION	LO	STATION	QUANTITIY (# OF JOINTS	LENGTH	CRACK ROUTING (PAVEMENT) TOTAL LENGTH	CRACK FILLING	THERMOPLASTIC PAVEMENT MARKING LINE - 6" (WHITE CENTERLINE)	THERMOPLASTIC PAVEMENT MARKING LINE - 6" (WHITE EDGE LINE)	THERMOPLASTIC PAVEMENT MARKING LINE - 6" (YELLOW EDGE LINE)
					45100100	45100200	78000400	78000400	78000400
				FT	FT	POUND	FT	FT	FT
SOUTH BOUND LANE									
5009+00.00		4207+50.00	3	75504	224013	67204	18668	74671	74671
BRIDGE OMMISIONS FOR SBL SUBTRACTED FROM TOTAL LENGTH									
ST # 025-0072				(451)					
ST # 025-0070				(158)					
ST # 025-0068				(224)					
NORTH BOUND LANE									
5015+65.00		4630+00.00	3	35640	106920	32076	8910	35640	35640
TOTAL FOR BRIDGE OMISSIONS				(833)					
SOUTH BOUND LANE			3	74671	224013	67204	18668	74671	74671
NORTH BOUND LANE			3	35640	106920	32076	8910	35640	35640
TOTAL			6	110311	330933	99280	27578	110311	110311

MODEL: SCHEDULE OF QUANTITIES [Sheet]
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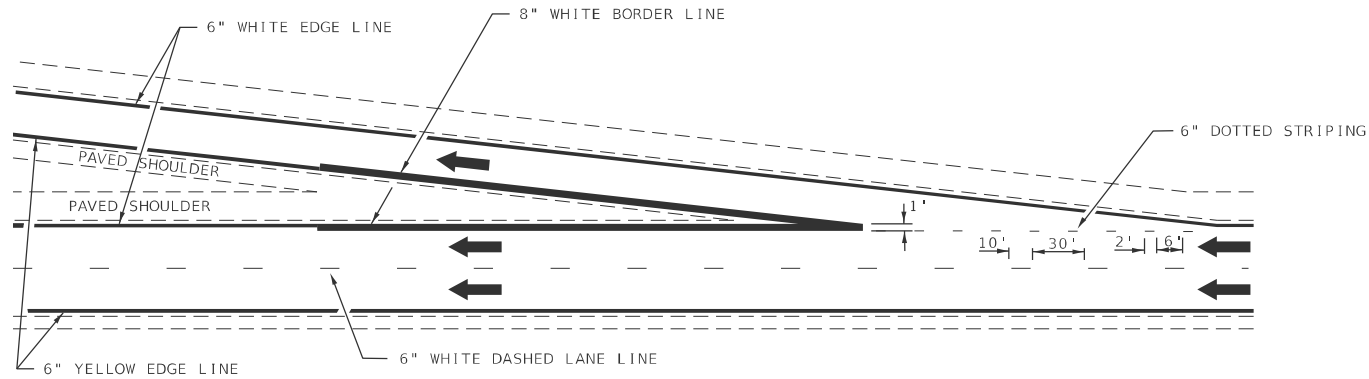
PAVEMENT CROSS-SECTION

 ROUTED, CLEANED,
AND SEALED

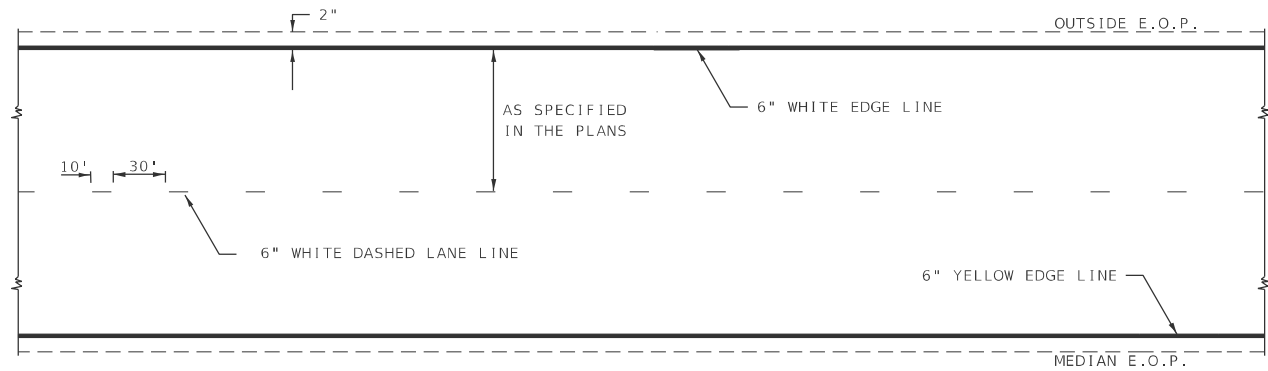
TYPICAL DETAIL FOR JOINTS

MODEL: CRACK AND JOINT SEALING DETAIL (Sheet)
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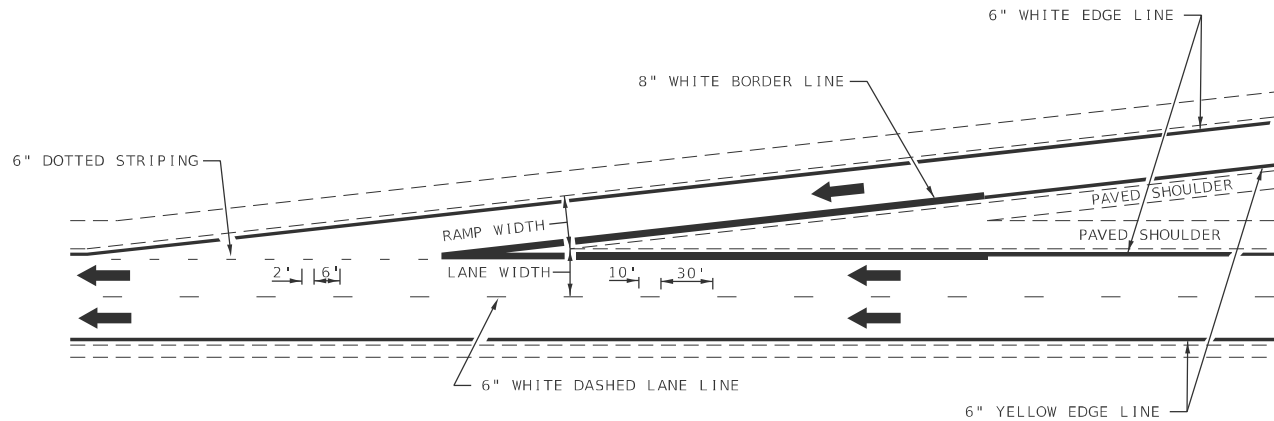
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		CHECKED -	REVISED -					CONTRACT NO. 74C48				
	PLOT DATE = 1/8/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



TYPICAL EXIT RAMP MARKING



TYPICAL CENTERLINE & EDGELINE MARKINGS



TYPICAL ENTRANCE RAMP MARKING

NOT TO SCALE

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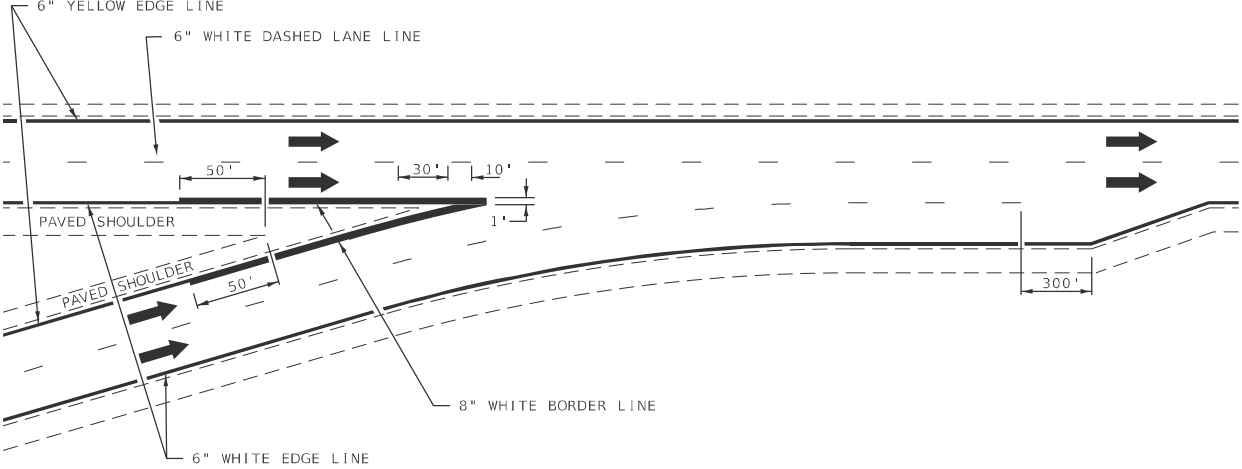
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/8/2025	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

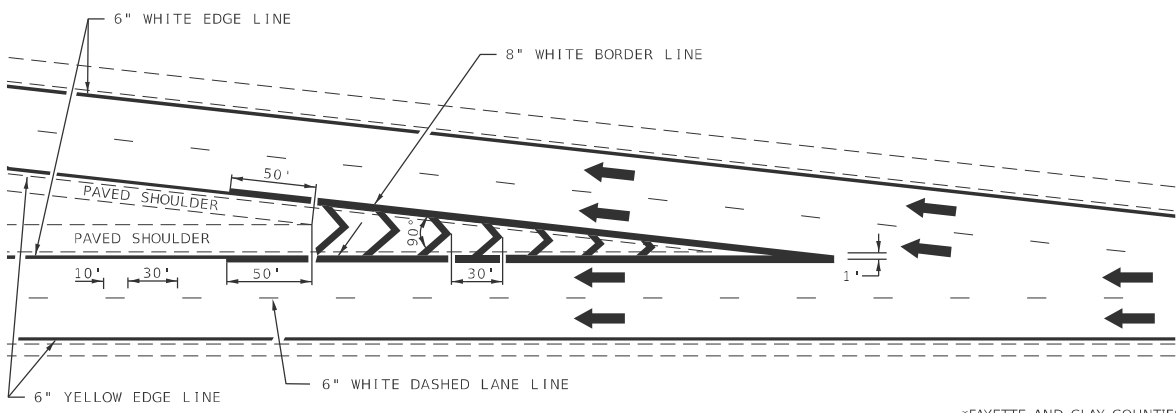
TYPICAL APPLICATIONS OF FREEWAY/EXPRESSWAY PAVEMENT MARKING			
SCALE:	SHEET A002	OF 2 SHEETS	STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57 (I-57)	D7 CRACK SEALING 2025-1	EFFINGHAM	8	7
CONTRACT NO. 74C48				
ILLINOIS		FED. AID PROJECT		

DISTRICT 7 DETAIL NO. 78000002



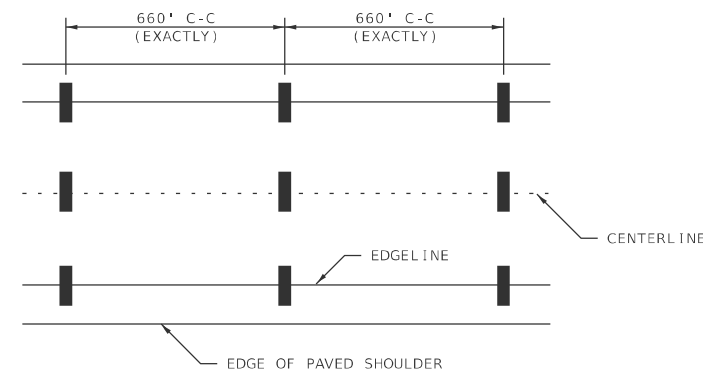
TYPICAL CONVERGENCE MARKING



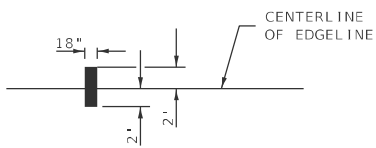
TYPICAL DIVERGENCE MARKING

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

MODEL: PAVEMENT MARKING 2 (Sheet)
FILE NAME: c:\pav_work\pav\hille\ad0911472D774C48-shl-details.dgn

DISTRICT 7 DETAIL NO. 78000002												
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		DRAWN -	REVISED -					57 (I-57)	D7 CRACK SEALING 2025-1	EFFINGHAM	8	8
		CHECKED -	REVISED -					CONTRACT NO. 74C48				
	PLOT DATE = 1/8/2025	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET A003	OF 2	SHEETS	STA.	TO STA.		