

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
D7 PATCHING 2023-4	EFFINGHAM	15	1
ILLINOIS		CONTRACT NO. 74B49	

*FAI 57, FAU 8385, FAP 95, FAU 8363

FOR INDEX OF SHEETS, SEE SHEET NO. 2

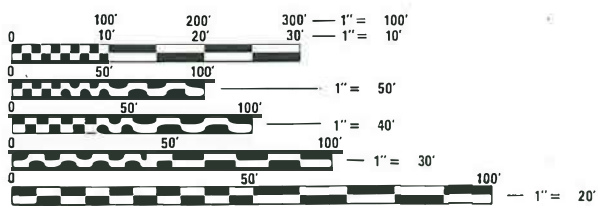
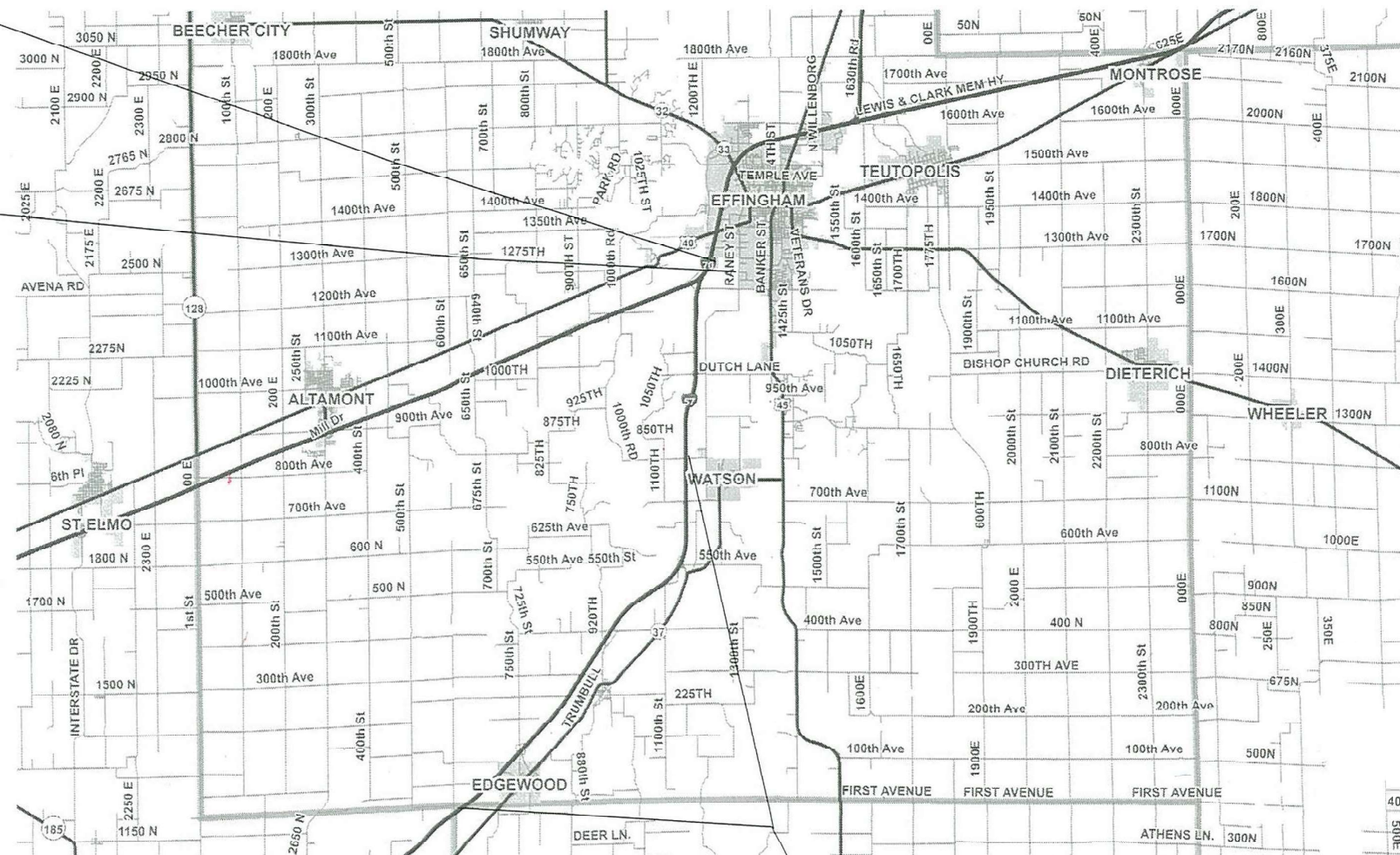
PROPOSED HIGHWAY PLANS

VARIOUS ROUTES SECTION D7 PATCHING 2023-4 PATCHING, PARTIAL DEPTH PATCHING EFFINGHAM COUNTY

C-97-119-22

LOCATION #4 (W. FAYETTE AVE.)
STARTS STA. 34+67.66
ENDS STA. 71+70

LOCATION #1 (US 40)
STARTS STA. 102+30
ENDS STA. 108+20



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

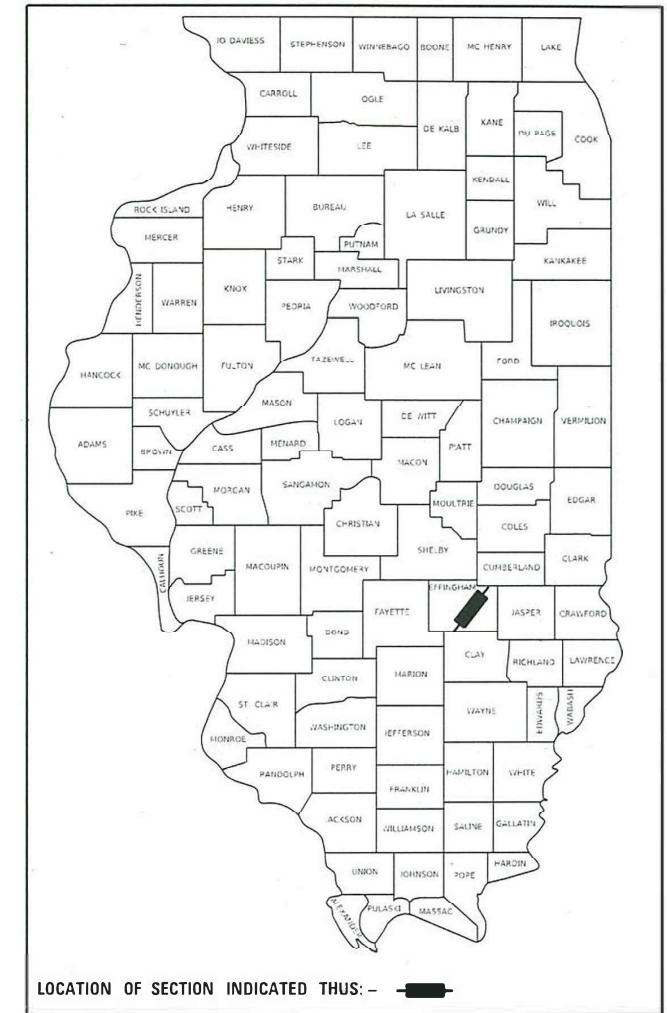
PROJECT ENGINEER: BRIAN LEWIS
PROJECT MANAGER: JACKIE JUDY

CONTRACT NO. 74B49

LOCATION #2 (I-57)
NB MILEPOST 142 TO 150.2

LOCATION #3 (I-57)
SB MILEPOST 154 TO 142
NB MILEPOST 150.2 TO 154

D-97-070-22



LOCATION OF SECTION INDICATED THUS: - [thick black line]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 22 20 22

Jeffrey P. Myerles
REGIONAL ENGINEER

February 3, 2023

Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

February 3, 2023

Stephen M. ...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

GENERAL NOTES

THE WORK INCLUDED IN SECTION D7 PATCHING 2023-4 CONSISTS OF CLASS A PAVEMENT PATCHING, CLASS B PAVEMENT PATCHING, PARTIAL DEPTH PATCHING, TRAFFIC CONTROL, DETECTOR LOOP INSTALLATION AND ANY OTHER WORK NECESSARY TO COMPLETE THESE SECTIONS.

LOCATION #1 IS LOCATED ON HENRIETTA ST SOUTH OF CURVE TO GROVE ST. THE WORK INCLUDED IN THIS SECTION INCLUDES PARTIAL DEPTH PATCHING.

LOCATIONS #2 & #3 ARE LOCATED ON I57 MP 154 TO 142 (CLAY COUNTY LINE). THE WORK INCLUDED IN THIS SECTION INCLUDES CLASS A PAVEMENT PATCHING AND PARTIAL DEPTH PATCHING.

LOCATION #4 IS LOCATED ON FAYETTE AVE FROM OUTERBELT WEST TO RANEY ST. THE WORK INCLUDED IN THIS SECTION INCLUDES CLASS B PAVEMENT PATCHING.

THE ACTUAL LOCATIONS OF PAVEMENT PATCHING AND FINAL QUANTITIES WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

AN ESTIMATED QUANTITY OF DETECTOR LOOPS, TYPE I HAS BEEN INCLUDED TO REPLACE ANY DETECTOR LOOPS THAT ARE WITHIN THE LIMITS OF A PATCH. THE ACTUAL LOCATIONS OF DETECTOR LOOPS AND FINAL QUANTITIES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

WHEN APPLYING SHORT TERM PAVMENT MARKING, TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND PAINT SHALL BE USED ON THE MILLED SURFACES.

PAINT PAVEMENT MARKING 4" CONSISTS OF 570' OF YELLOW, 6" CONSISTS OF 230' OF WHITE, AND 24" CONSISTS OF 42' OF WHITE.

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS & LIST OF STANDARDS
3-4	SUMMARY OF QUANTITIES
5	TYPICAL CROSS SECTIONS
6-7	PATCHING SCHEDULES
8-10	LOCATION MAPS
11-14	PAVEMENT MARKING DETAILS
15	DETECTOR LOOP

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

STD. NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND A FOOT
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
442001-04	CLASS A PATCHES
442101-09	CLASS B PATCHES
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THEN 15' (4.5 m) AWAY
701400-11	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCEOR EXIT RAMP, FOR SPEEDS >= 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE COSURE, MULTILANE, 1W OR 2W, WITH NON TRASVERSABE MEDIAN
701701-10	URBAN LANE CLOSURE MULTI LANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTOR LOOPS
420001-10	PAVEMENT JOINTS
780001-05	TYPICAL PAVEMENT MARKINGS

PARTIAL DEPTH PATCHING

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	QUALITY MANAGEMENT
POLYMERIZED HMA SURFACE COURSE, MIX "D", N90	SBS PG 70-22	4.0% @ N=90	IL-9.5	MIXTURE D	QC/QA

LOCATION #1 - USE TWO 2" LIFTS OF THE SURFACE MIX

LOCATION #2 - USE ONE 2" LIFT OF SURFACE MIX

REV. - MS

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FAI 57, FAU 8385, FAP 95, FAU 8363

USER NAME = Mona.Steffen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, LIST OF STANDARDS	F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			* D7 PATCHING 2023-4	EFFINGHAM	15	2	
PLOT DATE = 12/22/2022	CHECKED -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 74B49	
	DATE -	REVISED -					ILLINOIS FED. AID PROJECT		

100% STATE

100% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0006 URBAN	0006 RURAL
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	283	206	77
44200050	WELDED WIRE REINFORCEMENT	SO YD	140	140	
44200645	CLASS A PATCHES, TYPE II, 16 INCH	SO YD	659		659
44200646	CLASS A PATCHES, TYPE III, 16 INCH	SO YD	32		32
44200647	CLASS A PATCHES, TYPE IV, 16 INCH	SO YD	207		207
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SO YD	62	62	
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SO YD	20	20	
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SO YD	120	120	
44201299	DOWEL BARS 1 1/2"	EACH	220	220	
44213000	PATCHING REINFORCEMENT	SO YD	898		898
44213200	SAW CUTS	FOOT	6269	715	5554
44213204	TIE BARS 3/4"	EACH	124	49	75
67100100	MOBILIZATION	L SUM	1	0.25	0.75
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD	EACH	4		4
	701411				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0006 URBAN	0006 RURAL
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1		1
	701401				
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1	
	701501				
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1	
	701601				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1	
	701701				
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	84	56	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	150	150	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	50	50	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	570	570	
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	230	230	
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	42	42	
* 88600100	DETECTOR LOOP, TYPE I	FOOT	103	103	
X4406220	PARTIAL DEPTH REMOVAL, TYPE II, 2"	SO YD	171		171

* SPECIALTY ITEM

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/22/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

FAI 57, FAU 8385, FAP 95, FAU 8363

F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
* D7 PATCHING 2023-4	EFFINGHAM	15	3
CONTRACT NO. 74B49			
ILLINOIS		FED. AID PROJECT	

100% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0006 URBAN	0006 RURAL	
X4406640	PARTIAL DEPTH REMOVAL, TYPE IV, 4"	SO YD	304	304		
X4421000	PARTIAL DEPTH PATCHING	TON	87	68	19	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT				

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FAI 57, FAU 8385, FAP 95, FAU 8363

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PLOT DATE = 12/22/2022	DATE -	REVISED -

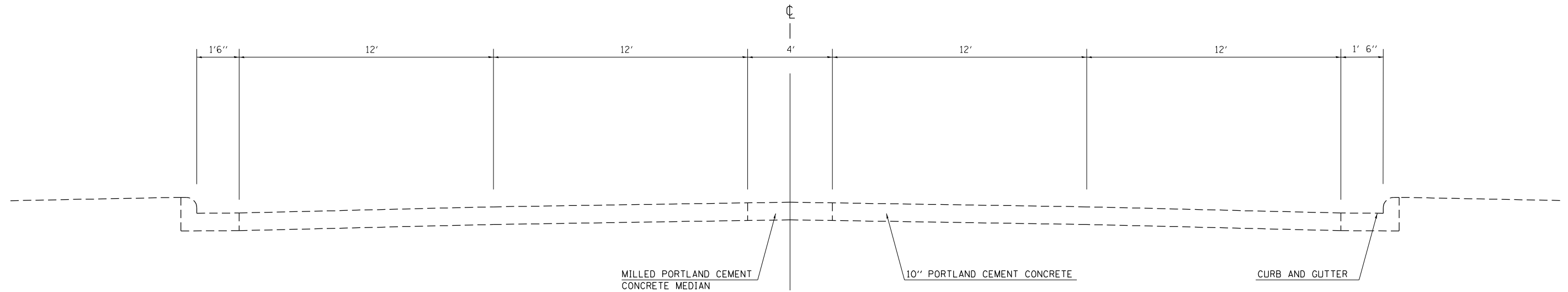
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
* D7 PATCHING 2023-4	EFFINGHAM	15	4
			CONTRACT NO. 74B49
ILLINOIS FED. AID PROJECT			

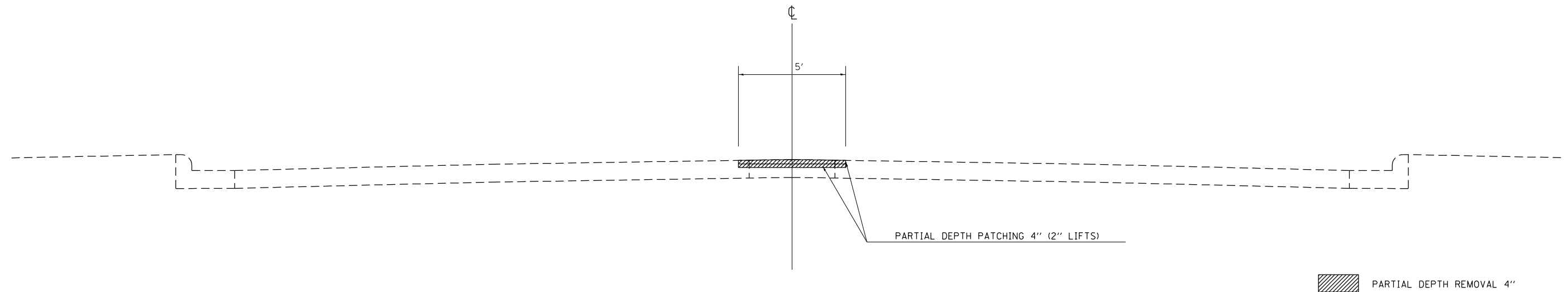
LOCATION #1
EXISTING TYPICAL CROSS SECTION

STA. 102+35 TO STA. 105+25
STA. 105+70 TO STA. 108+20



LOCATION #1
PROPOSED TYPICAL CROSS SECTION

STA. 102+35 TO STA. 105+25
STA. 105+70 TO STA. 108+20



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STATE OF ILLINOIS
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TYPICAL SECTIONS LOCATION 1

SCALE: SHEET OF SHEETS STA. TO STA.

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F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
* D7 PATCHING 2023-4	EFFINGHAM	15	5
CONTRACT NO. 74B49			
ILLINOIS FED. AID PROJECT			

Location #1 Partial Depth Patching

Henrietta St. South of curve to Grove St.					
LANE	LOCATION STATION START	LOCATION STATION END	LENGTH (FT)	WIDTH (FT)	X4421000 AREA (SQ YD)
MEDIAN	102+30	105+17	287.0	5.0	159.4
MEDIAN	105+60	108+20	260.0	5.0	144.4
TOTALS					304
NUMBER EACH					2

Location #3 - See Next Page

LOCATION STATION START	LOCATION STATION END	LENGTH (FT)	78001110 4" YELLOW DOUBLE LINE (FT)	78001110 4" SOLID YELLOW WITH SKIP DASH LINE (FT)	78001130 6" WHITE LINE (FT)	78001180 24" WHITE LINE (FT)
102+66	103+51	85.0	170.0			
103+51	105+17	190.0		237.5		
105+60	106+90	130.0		162.5		
107+10	107+95	85.0			85.0	
107+95						42.0
108+00					145.0	
TOTALS			170	400	230	42

Location #2 Partial Depth Patching

I-57 Northbound Milepost 142 to 150.2 (Rubblized)					
LANE	LOCATION MILEPOST	STATION (APX)	LENGTH (FT)	WIDTH (FT)	X4421000 AREA (SQ YD)
NBDL	144.600	4303+61.23	6.0	12.0	8.0
NBPL	144.600	4303+61.25	6.0	12.0	8.0
NBDL	146.955	4428+38.4	6.0	12.0	8.0
NBPL	146.955	4428+38.4	6.0	12.0	8.0
NBDL	147.061	4433+98.08	6.0	12.0	8.0
NBPL	147.061	4433+98.08	6.0	12.0	8.0
NBDL	174.925	4479+6	6.0	12.0	8.0
NBPL	174.925	4479+6	6.0	12.0	8.0
NBPL	148.012	4484+19.36	6.0	12.0	8.0
NBDL	148.020	4484+61.6	8.0	12.0	11.0
NBDL	148.070	4487+25.6	6.0	12.0	8.0
NBDL	148.075	4487+52	6.0	12.0	8.0
NBDL	148.086	4488+10.08	6.0	12.0	8.0
NBDL	149.295	4552+32.5	6.0	12.0	8.0
NBPL	149.295	4552+32.5	6.0	12.0	8.0
NBDL	150.135	4623+16	6.0	12.0	8.0
NBPL	150.135	4623+16	6.0	12.0	8.0
NBPL	150.157	4624+26.9	6.0	12.0	8.0
NBDL	150.160	4624+42.8	6.0	12.0	8.0
NBPL	150.160	4624+42.8	6.0	12.0	8.0
NBPL	150.180	4625+48.4	6.0	12.0	8.0
TOTALS					171
NUMBER EACH					21

Location #4 Class B Patching

West Fayette Ave												
Patch Number	Lane	Station	Length (FT)	Width (FT)	Plan Depth (IN)	44200970 Type 2 (SQ YD)	44200974 Type 3 (SQ YD)	44200976 Type 4 (SQ YD)	44213204 Tie Bars (EA)	44200050 Pavt Fab (SQ YD)	44013200 Saw Cut (FT)	44201299 Dowels (EA)
1	EBDL	45+90	6.0	12.0	10.0	8.0					49.5	20
2	EBPL	45+90	6.0	12.0	10.0	8.0					49.5	20
3	EBDL	47+50	6.0	12.0	10.0	8.0					49.5	20
4	EBPL	47+50	6.0	12.0	10.0	8.0					49.5	20
5	MEDIAN	53+15	10.0	12.0	10.0	13.3					57.5	20
6	EBDL	63+85	30.0	12.0	10.0			40.0	14	40.0	97.5	20
7	EBDL	64+35	30.0	12.0	10.0			40.0	14	40.0	97.5	20
8	EBDL	66+70	15.0	12.0	10.0		20.0		7	20.0	67.5	20
END BARE CONCRETE/BEGIN BITUMINOUS OVERLAID 74+03												
9	WBPL	71+70	6.0	12.0	10.0	8.0					49.5	20
10	WBPL	71+70	6.0	12.0	10.0	8.0					49.5	20
11	WBPL	56+20	30.0	12.0	10.0			40.0	14	40.0	97.5	20
TOTAL CLASS B						62	20	120	49	140	715	220
NUMBER EACH						7	1	3				
TOTAL CLASS B PATCHES						202 SQ YD						

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FAI 57, FAU 8385, FAP 95, FAU 8363

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
* D7 PATCHING 2023-4	EFFINGHAM	15	6
CONTRACT NO. 74B49			
ILLINOIS FED. AID PROJECT			

Location #3 CLASS A PATCHING

Patch Number	Lane	Milepost	Length (FT)	Width (FT)	Plan Depth (IN)	44200645	44200646	44200647	44213204	44213000	44213200
						Type 2 (SQ YD)	Type 3 (SQ YD)	Type 4 (SQ YD)	Tie Bars (EA)	Pavt Rebar (SQ YD)	Saw Cut (FT)
I-57 MILEPOST 154-142 SOUTHBOUND											
1	SBDL	153.099	105.0	12.0	16.0			140.0	52	140.0	259.5
2	SBDL	153.093	6.0	12.0	16.0	8.0				8.0	61.5
3	SBPL	153.083	6.0	12.0	16.0	8.0				8.0	61.5
4	SBDL	152.988	6.0	12.0	16.0	8.0				8.0	61.5
5	SBPL	152.988	6.0	12.0	16.0	8.0				8.0	61.5
6	SBDL	152.116	6.0	12.0	16.0	8.0				8.0	61.5
7	SBPL	152.116	6.0	12.0	16.0	8.0				8.0	61.5
8	SBDL	152.113	6.0	12.0	16.0	8.0				8.0	61.5
9	SBPL	152.101	6.0	12.0	16.0	8.0				8.0	61.5
10	SBDL	152.097	6.0	12.0	16.0	8.0				8.0	61.5
11	SBPL	152.097	6.0	12.0	16.0	8.0				8.0	61.5
12	SBPL	152.090	6.0	12.0	16.0	8.0				8.0	61.5
13	SBDL	152.090	30.0	12.0	16.0			40.0	14	40.0	109.5
14	SBDL	152.077	6.0	12.0	16.0	8.0				8.0	61.5
15	SBDL	152.074	6.0	12.0	16.0	8.0				8.0	61.5
16	SBDL	152.065	6.0	12.0	16.0	8.0				8.0	61.5
17	SBPL	152.065	6.0	12.0	16.0	8.0				8.0	61.5
18	SBDL	150.606	6.0	12.0	16.0	8.0				8.0	61.5
19	SBPL	150.606	6.0	12.0	16.0	8.0				8.0	61.5
20	SBDL	150.599	6.0	12.0	16.0	8.0				8.0	61.5
21	SBPL	150.599	6.0	12.0	16.0	8.0				8.0	61.5
24	SBDL	150.589	6.0	12.0	16.0	8.0				8.0	61.5
25	SBPL	150.589	6.0	12.0	16.0	8.0				8.0	61.5
26	SBDL	150.580	6.0	12.0	16.0	8.0				8.0	61.5
27	SBPL	150.580	6.0	12.0	16.0	8.0				8.0	61.5
28	SBPL	150.576	6.0	12.0	16.0	8.0				8.0	61.5
29	SBDL	150.574	6.0	12.0	16.0	8.0				8.0	61.5
30	SBDL	150.570	6.0	12.0	16.0	8.0				8.0	61.5
31	SBPL	150.570	6.0	12.0	16.0	8.0				8.0	61.5
32	SBDL	150.568	6.0	12.0	16.0	8.0				8.0	61.5
33	SBPL	150.568	6.0	12.0	16.0	8.0				8.0	61.5
34	SBDL	150.561	6.0	12.0	16.0	8.0				8.0	61.5
35	SBPL	150.561	6.0	12.0	16.0	8.0				8.0	61.5
36	SBDL	150.557	6.0	12.0	16.0	8.0				8.0	61.5
37	SBPL	150.557	6.0	12.0	16.0	8.0				8.0	61.5
38	SBDL	150.549	6.0	12.0	16.0	8.0				8.0	61.5
39	SBPL	150.549	6.0	12.0	16.0	8.0				8.0	61.5
40	SBPL	150.084	6.0	12.0	16.0	8.0				8.0	61.5
41	SBPL	149.850	6.0	12.0	16.0	8.0				8.0	61.5
42	SBPL	147.960	6.0	12.0	16.0	8.0				8.0	61.5
43	SBDL	147.960	20.0	12.0	16.0			26.7	9	26.7	89.5
44	SBDL	147.841	8.0	12.0	16.0	10.7				10.7	65.5
45	SBPL	147.841	8.0	12.0	16.0	10.7				10.7	65.5
46	SBDL	147.005	6.0	12.0	16.0	8.0				8.0	61.5
47	SBPL	147.005	6.0	12.0	16.0	8.0				8.0	61.5
48	SBDL	146.942	6.0	12.0	16.0	8.0				8.0	61.5
49	SBPL	146.942	6.0	12.0	16.0	8.0				8.0	61.5
50	SBDL	145.984	6.0	12.0	16.0	8.0				8.0	61.5
51	SBPL	144.900	6.0	12.0	16.0	8.0				8.0	61.5
52	SBDL	144.895	8.0	12.0	16.0	10.7				10.7	65.5
53	SBDL	144.100	6.0	12.0	16.0	8.0				8.0	61.5
54	SBPL	144.100	6.0	12.0	16.0	8.0				8.0	61.5
55	SBDL	143.785	6.0	12.0	16.0	8.0				8.0	61.5
56	SBPL	143.785	6.0	12.0	16.0	8.0				8.0	61.5
57	SBDL	142.560	6.0	12.0	16.0	8.0				8.0	61.5
58	SBPL	142.560	6.0	12.0	16.0	8.0				8.0	61.5
59	SBDL	142.500	10.0	12.0	16.0	13.3				13.3	69.5
60	SBPL	142.500	6.0	12.0	16.0	8.0				8.0	61.5
ON RAMP											
22	SBON	150.591	6.0	12.0	16.0	8.0				8.0	61.5
23	SBON	150.589	6.0	12.0	16.0	8.0				8.0	61.5

Patch Number	Lane	Milepost	Length (FT)	Width (FT)	Plan Depth (IN)	44200645	44200646	44200647	44213204	44213000	44213200
						Type 2 (SQ YD)	Type 3 (SQ YD)	Type 4 (SQ YD)	Tie Bars (EA)	Pavt Rebar (SQ YD)	Saw Cut (FT)
I-57 MILEPOST 142-150.2 NORTHBOUND											
61	NBDL	150.628	6.0	12.0	16.0	8.0				8.0	61.5
62	NBPL	150.628	6.0	12.0	16.0	8.0				8.0	61.5
63	NBDL	152.105	6.0	12.0	16.0	8.0				8.0	61.5
64	NBPL	152.105	6.0	12.0	16.0	8.0				8.0	61.5
65	NBDL	152.110	6.0	12.0	16.0	8.0				8.0	61.5
66	NBDL	152.115	8.0	12.0	16.0	10.7				10.7	65.5
67	NBPL	152.115	8.0	12.0	16.0	10.7				10.7	65.5
68	NBDL	152.125	6.0	12.0	16.0	8.0				8.0	61.5
69	NBPL	152.125	6.0	12.0	16.0	8.0				8.0	61.5
70	NBDL	152.143	6.0	12.0	16.0	8.0				8.0	61.5
71	NBPL	152.143	6.0	12.0	16.0	8.0				8.0	61.5
72	NBDL	153.115	6.0	12.0	16.0	8.0				8.0	61.5
73	NBPL	153.115	6.0	12.0	16.0	8.0				8.0	61.5
74	NBDL	153.125	6.0	12.0	16.0	8.0				8.0	61.5
75	NBPL	153.125	6.0	12.0	16.0	8.0				8.0	61.5
76	NBPL	153.135	6.0	12.0	16.0	8.0				8.0	61.5
77	NBDL	153.140	6.0	12.0	16.0	8.0				8.0	61.5
78	NBDL	153.141	6.0	12.0	16.0	8.0				8.0	61.5
79	NBDL	153.150	6.0	12.0	16.0	8.0				8.0	61.5
80	NBPL	153.150	6.0	12.0	16.0	8.0				8.0	61.5
81	NBDL	153.155	6.0	12.0	16.0	8.0				8.0	61.5
82	NBDL	153.560	6.0	12.0	16.0	8.0				8.0	61.5
83	NBPL	153.560	6.0	12.0	16.0	8.0				8.0	61.5
84	NBDL	153.450	12.0	12.0	16.0		16.0			16.0	73.5
85	NBPL	153.450	12.0	12.0	16.0		16.0			16.0	73.5
I-57 CLASS A PATCHING						559	32	207	75	898	5554
NUMBER EACH						80	2	5			
TOTAL CLASS A PATCHING						898.0	Sq.Yd.				

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 PROJECT: I-57 Patching
 DATE: 12/22/2022
 DRAWN: M. Steffen
 CHECKED: M. Steffen
 DESIGNED: M. Steffen

USER NAME = Mona.Steffen	DESIGNED -	REVISED -
PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 12/22/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

FAI 57, FAU 8385, FAP 95, FAU 8363

F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
+ D7 PATCHING 2023-4	EFFINGHAM	15	7
CONTRACT NO. 74B49			
ILLINOIS FED. AID PROJECT			

LOCATION #1 (HENRIETTA ST.)



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	DRAWN -	REVISED -
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PLOT DATE = 12/22/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

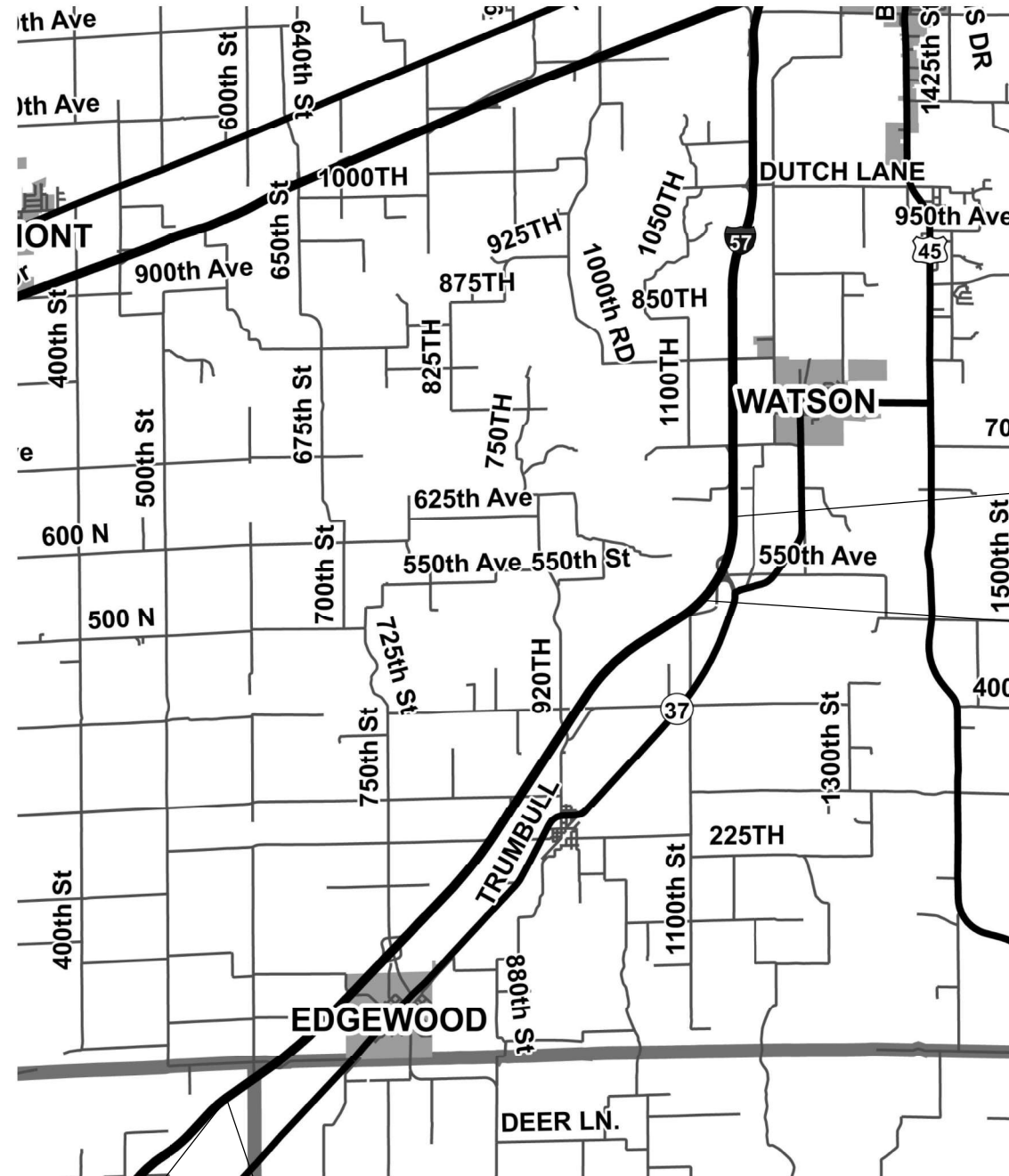
LOCATION #1 MAP

SCALE: SHEET OF SHEETS STA. TO STA.

FBI 57, FAU 8385, FAP 95, FAU 8363

F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
* D7 PATCHING 2023-4	EFFINGHAM	15	8
		CONTRACT NO. 74B49	
ILLINOIS		FED. AID PROJECT	

LOCATION #2 & #3 (I-57)



NOTE :
 LOCATION #2 IS NB ONLY
 LOCATION #3 IS NB & SB

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LOCATION #3
 BEGIN MILEPOST 142

LOCATION #2
 BEGIN NB MILEPOST 142

LOCATION #3
 END MILEPOST 154

LOCATION #2
 END NB MILEPOST 150.2

FAI 57, FAU 8385, FAP 95, FAU 8363

USER NAME = Mona.Steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 12/22/2022	DATE -	REVISED -

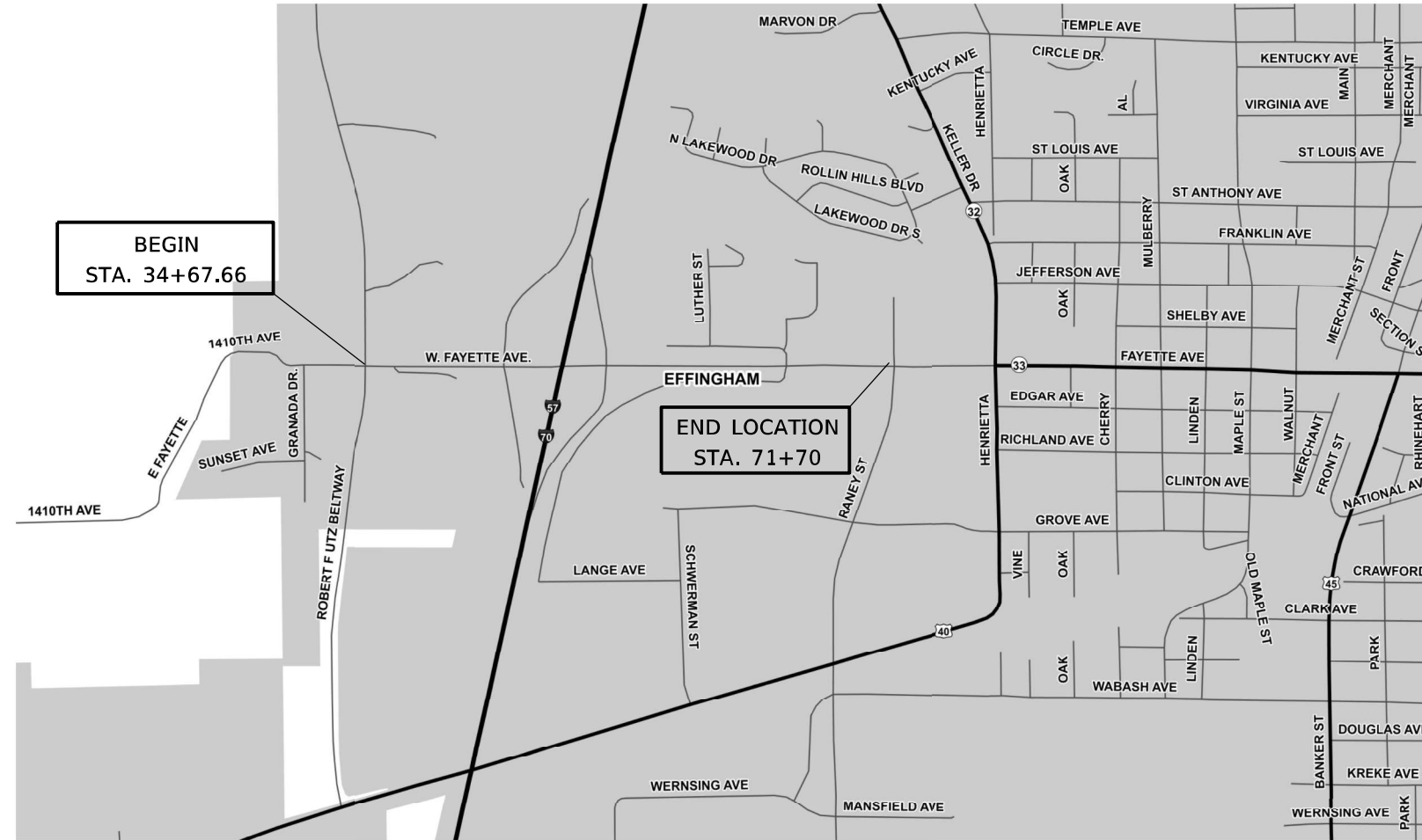
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATIONS #2 & #3 MAP

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
* D7 PATCHING 2023-4	EFFINGHAM	15	9
CONTRACT NO. 74B49			
ILLINOIS FED. AID PROJECT			

LOCATION #4 (FAYETTE AVE)



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 OFFICE: 141112.ctb
 PROJECT: 74849
 CADD: 141112.ctb

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PLOT DATE = 12/22/2022	DATE -	REVISED -

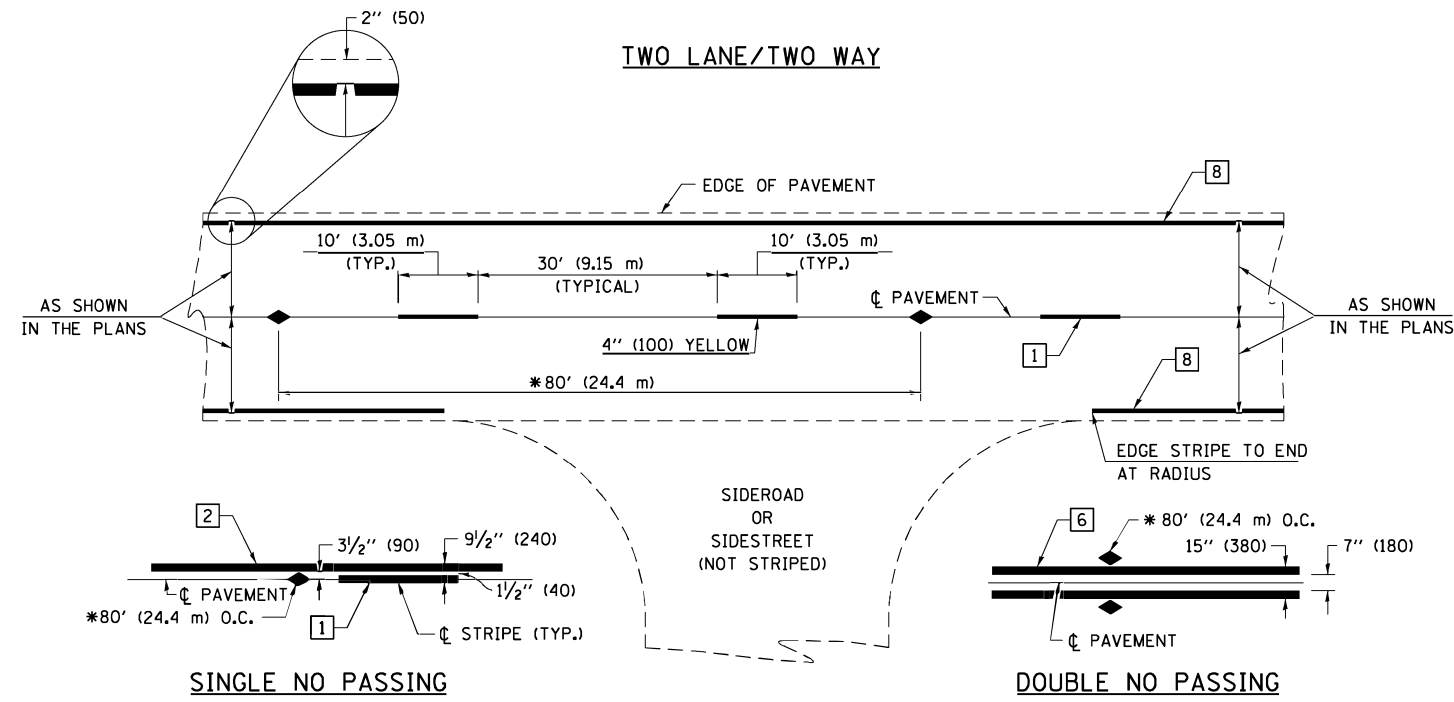
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION #4 MAP

SCALE: SHEET OF SHEETS STA. TO STA.

FAI 57, FAU 8385, FAP 95, FAU 8363

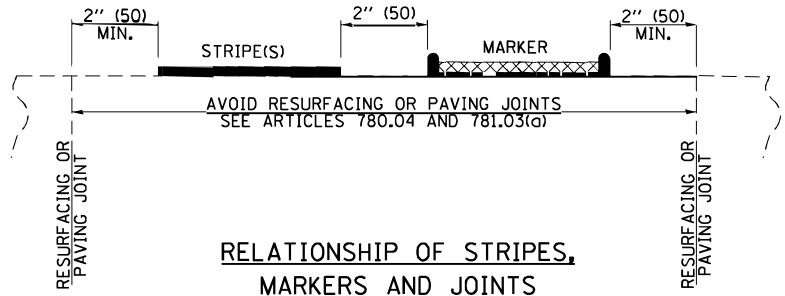
F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
* D7 PATCHING 2023-4	EFFINGHAM	15	10
CONTRACT NO. 74B49			
ILLINOIS FED. AID PROJECT			



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

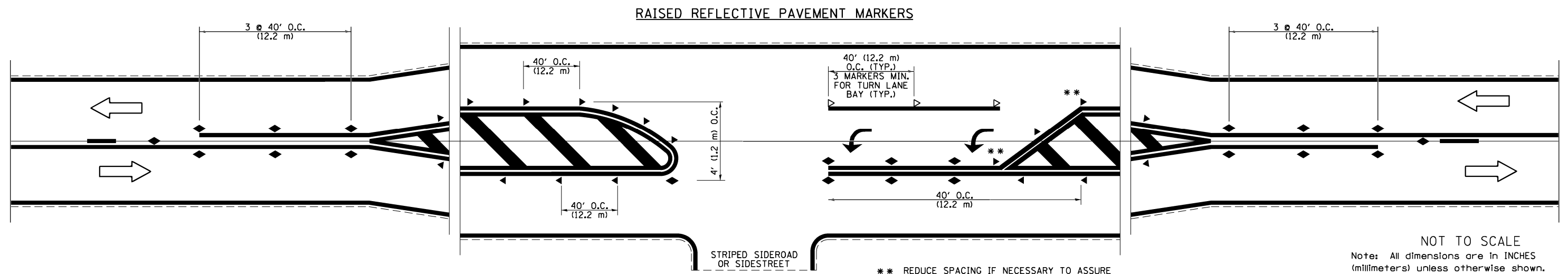
PAVEMENT MARKING LEGEND

- 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
-



TYPICAL PAVEMENT MARKERS LEGEND

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



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

REV. - MS

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PLOT DATE = 12/22/2022	DATE -	REVISED -

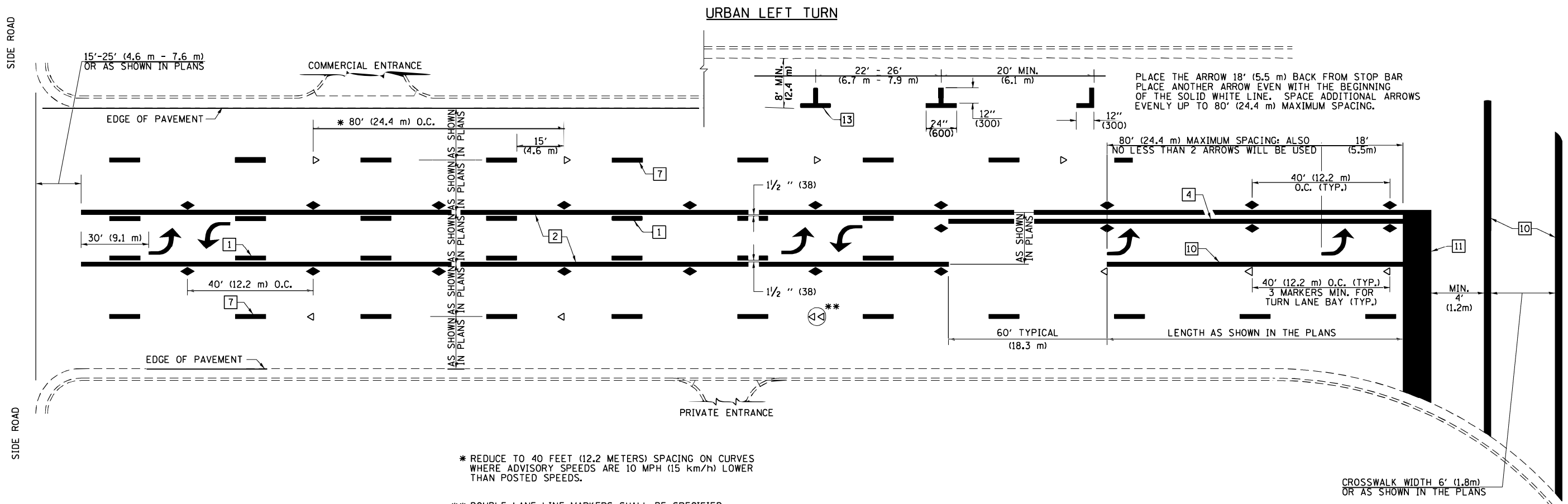
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

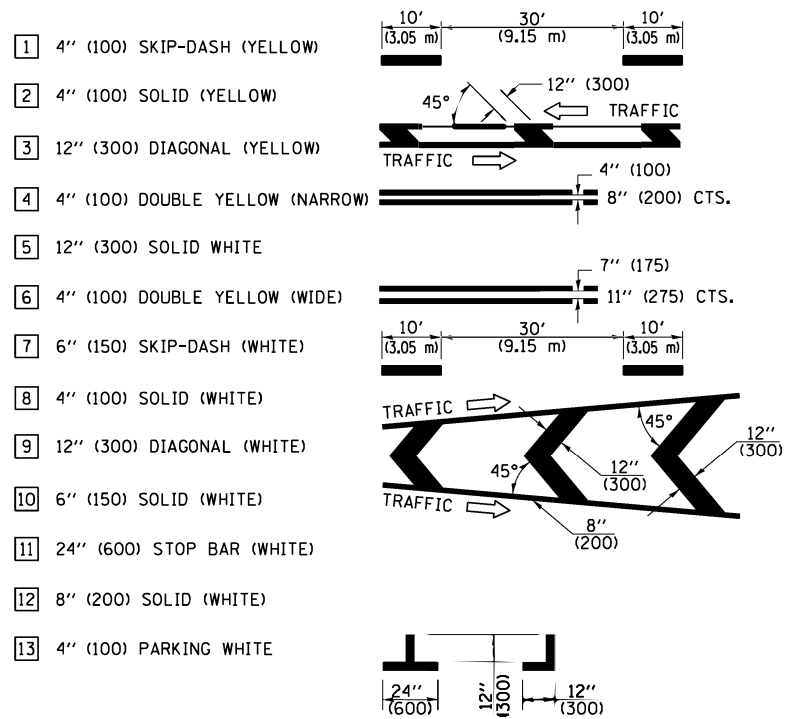
FAI 57, FAU 8385, FAP 95, FAU 8363

F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
* D7 PATCHING 2023-4	EFFINGHAM	15	11
CONTRACT NO. 74B49			
ILLINOIS FED. AID PROJECT			



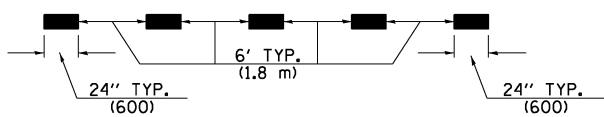
- * REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.
- ** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

PAVEMENT MARKING LEGEND

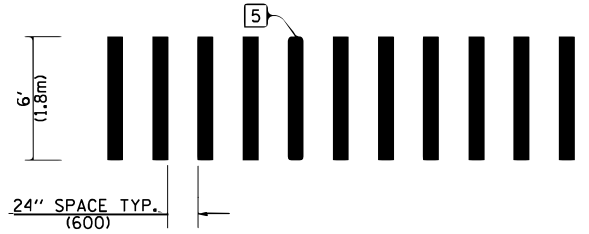


GENERAL NOTES

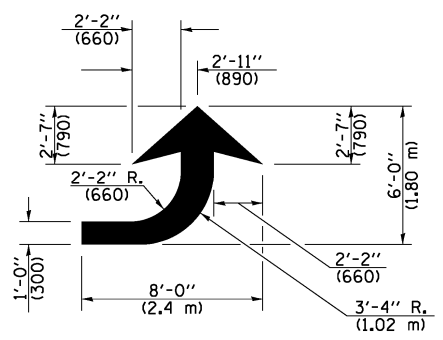
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
3. 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.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE SECTION 780 FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.
6. ALL WHITE SKIP-DASH LINES SHALL BE 6" IN WIDTH.



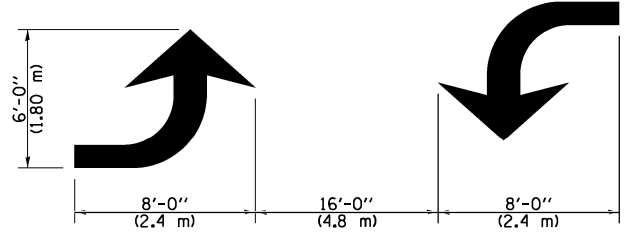
LANE LINE EXTENSIONS



CROSSWALK DETAIL (DECATUR CITY LIMITS ONLY)



LEFT ARROW
REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)



TYPICAL DOUBLE TURN ARROWS (WHITE)

NOT TO SCALE

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

REV. - MS

FAI 57, FAU 8385, FAP 95, FAU 8363

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

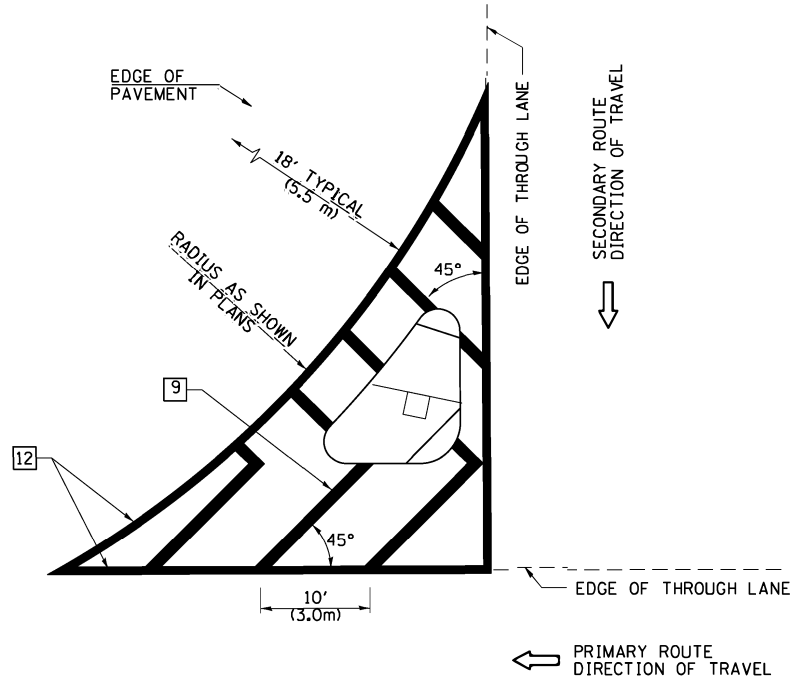
PAVEMENT MARKING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
* D7 PATCHING 2023-4	EFFINGHAM	15	12
CONTRACT NO. 74B49			
ILLINOIS FED. AID PROJECT			

ISLANDS

OPTION 1

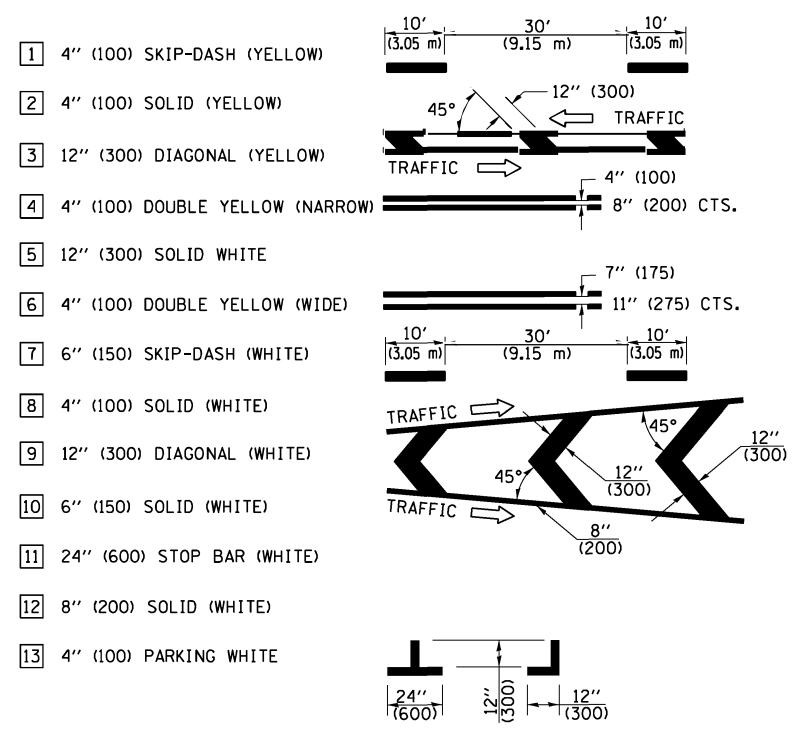


GENERAL NOTES

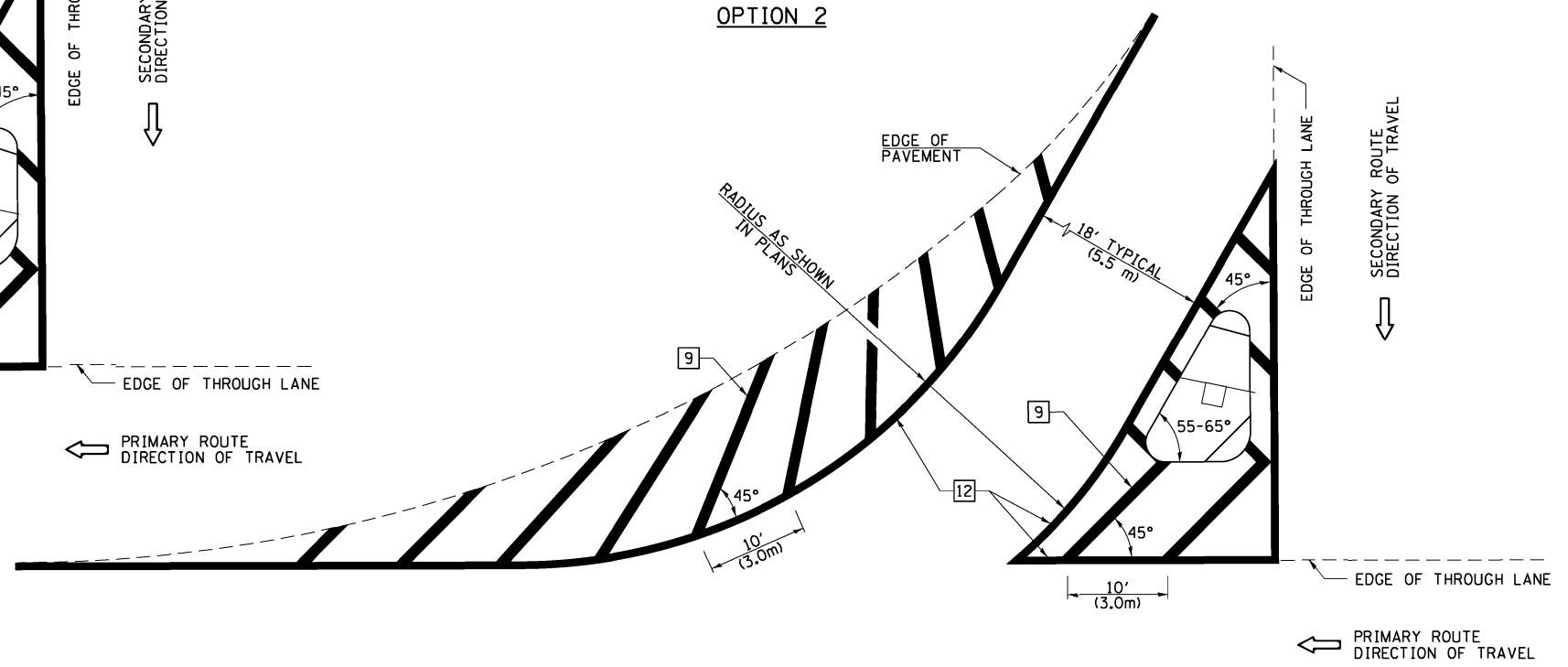
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2].
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED 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.

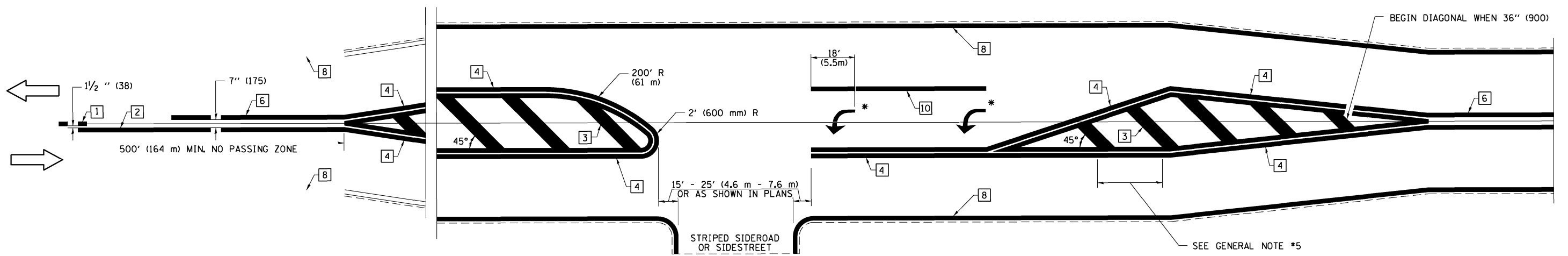
PAVEMENT MARKING LEGEND



OPTION 2



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.

REV. - MS

FAI 57, FAU 8385, FAP 95, FAU 8363

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DRAWN -	REVISD -	
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISD -
PLOT DATE = 12/22/2022	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

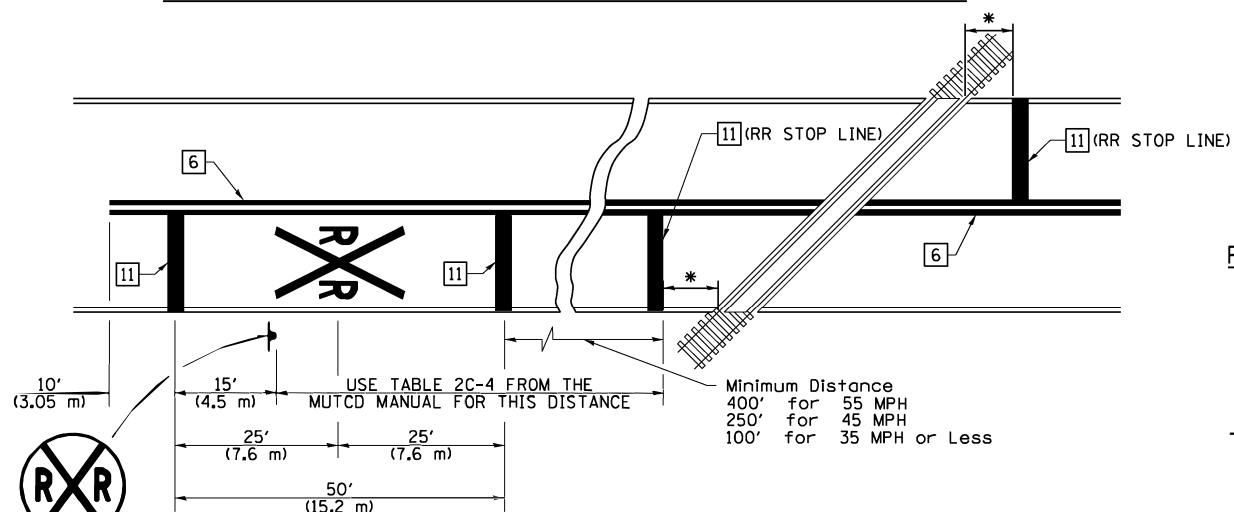
F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
* D7 PATCHING 2023-4	EFFINGHAM	15	13
CONTRACT NO. 74B49			
ILLINOIS FED. AID PROJECT			

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

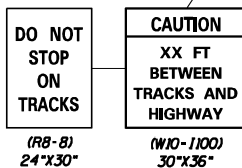
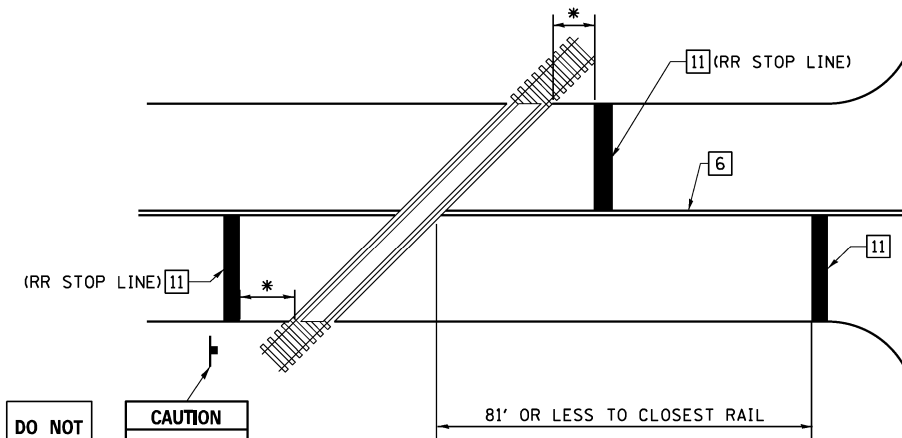
PAVEMENT MARKING LEGEND

- 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
-

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



RAILROAD CROSSING WITH NON-SIGNALIZED INTERSECTION

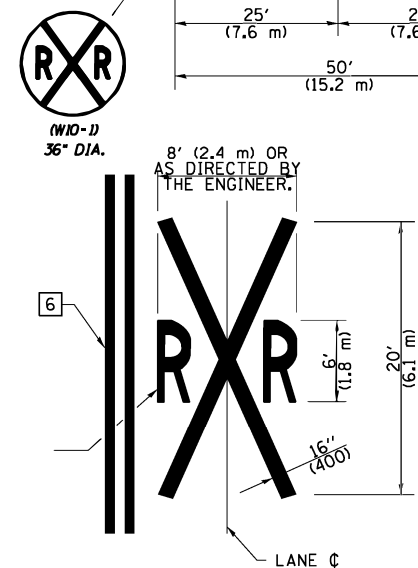


NOTES

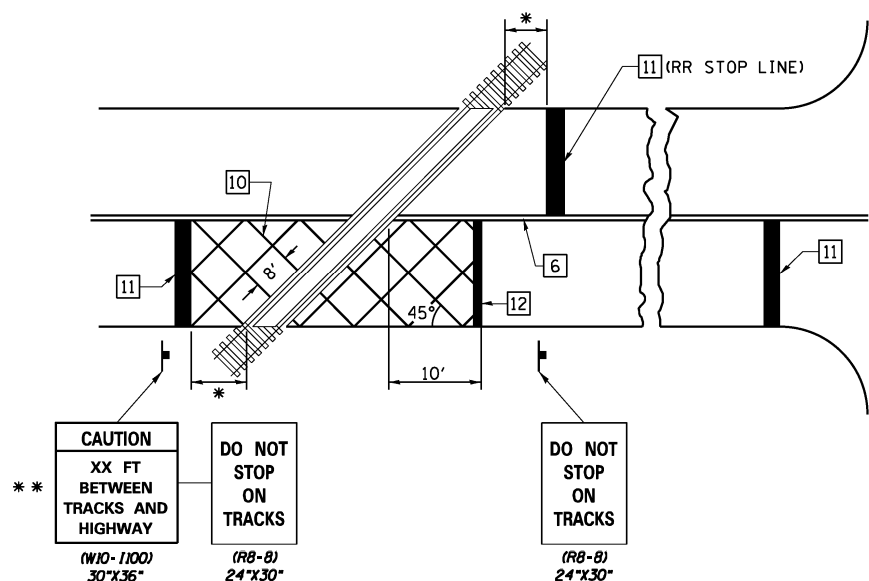
THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

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

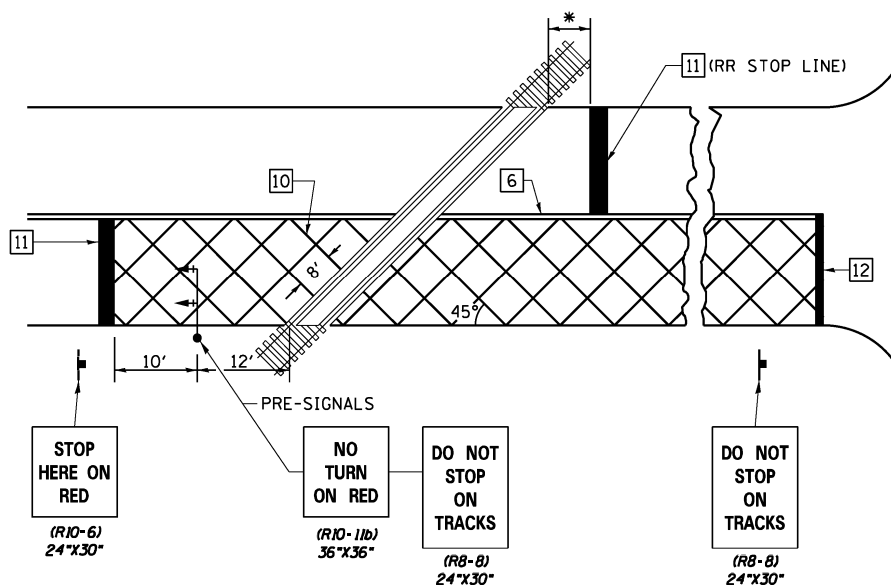
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



RAILROAD CROSSING WITH INTERCONNECT ONLY

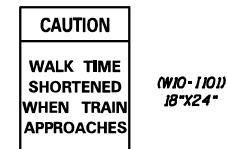


RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



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.



* 15' FROM NEAR RAIL OR 8' FROM AND PARALLEL TO GATE IF PRESENT

** WARNING SIGN W10-1100 SHALL BE USED AS AN INTERIM MEASURE AT INTERCONNECTED SIGNAL LOCATIONS WHERE PRE-SIGNALS ARE TO BE INSTALLED IN THE FUTURE. THIS SIGN SHALL BE REMOVED WHEN THE PRE-SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS ARE EXTENDED TO THE INTERSECTION.

NOT TO SCALE

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

REV. - MS

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

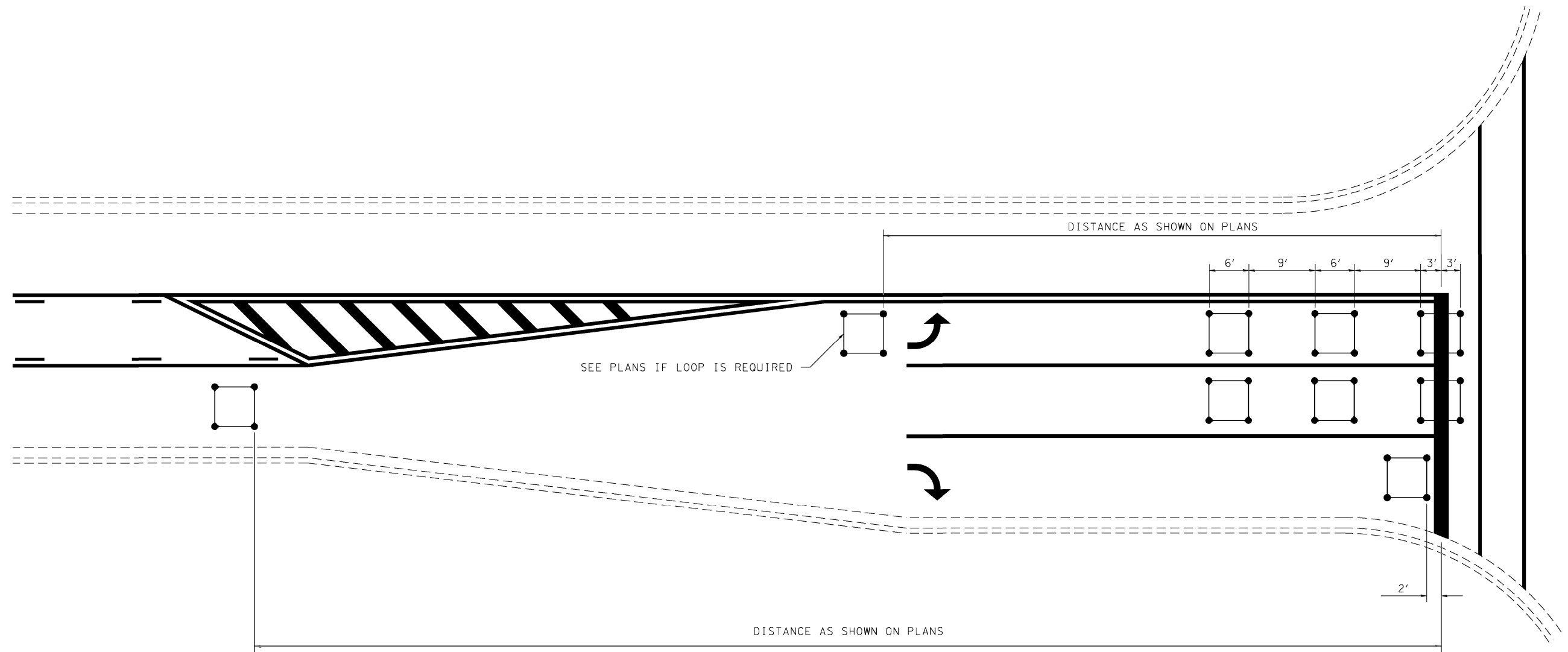
PAVEMENT MARKING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
* D7 PATCHING 2023-4	EFFINGHAM	15	14
CONTRACT NO. 74B49			
ILLINOIS FED. AID PROJECT			

FAI 57, FAU 8385, FAP 95, FAU 8363

TYPICAL APPLICATION OF DETECTOR LOOPS



NOTE:

1. EACH LOOP SHALL HAVE ITS OWN HOMERUN TO THE GULFBOX/HANDHOLE.
2. LOOPS SHOULD BE CENTERED IN EACH LANE.
3. USE 6' BY 6' LOOPS FOR LANE WIDTHS OF 11' OR GREATER.
4. USE 5' BY 5' LOOPS IF LANE WIDTH IS LESS THAN 11'.

NOT TO SCALE

REV. - MS

FAI 57, FAU 8385, FAP 95, FAU 8363

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PLOT DATE = 12/22/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
* D7 PATCHING 2023-4	EFFINGHAM	15	15
CONTRACT NO. 74B49			
ILLINOIS		FED. AID PROJECT	