

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 PATCHING 2021-1	MAC/MONT	6	1
		ILLINOIS	CONTRACT NO. 72N20	

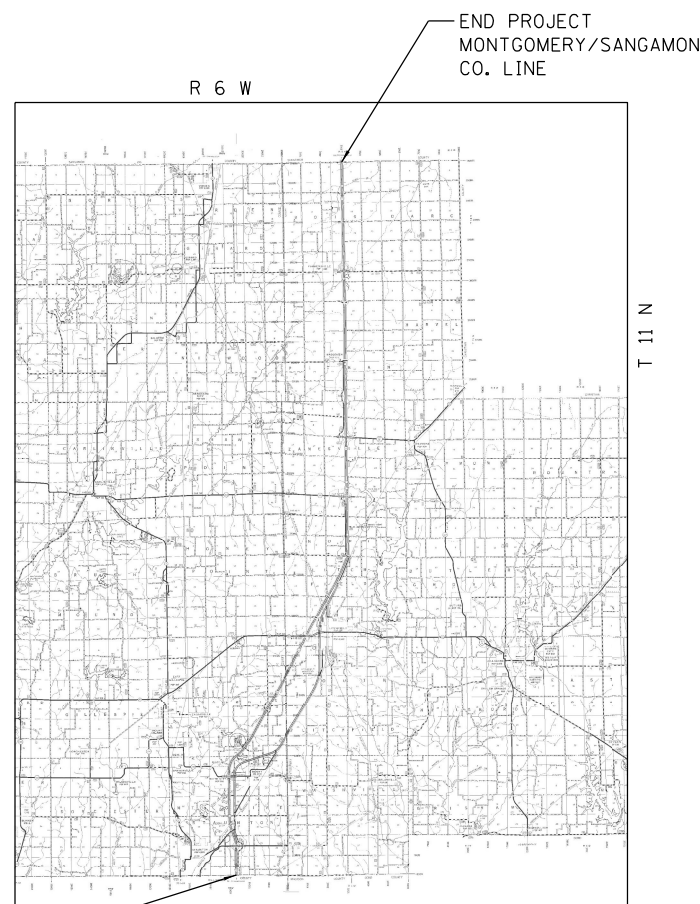
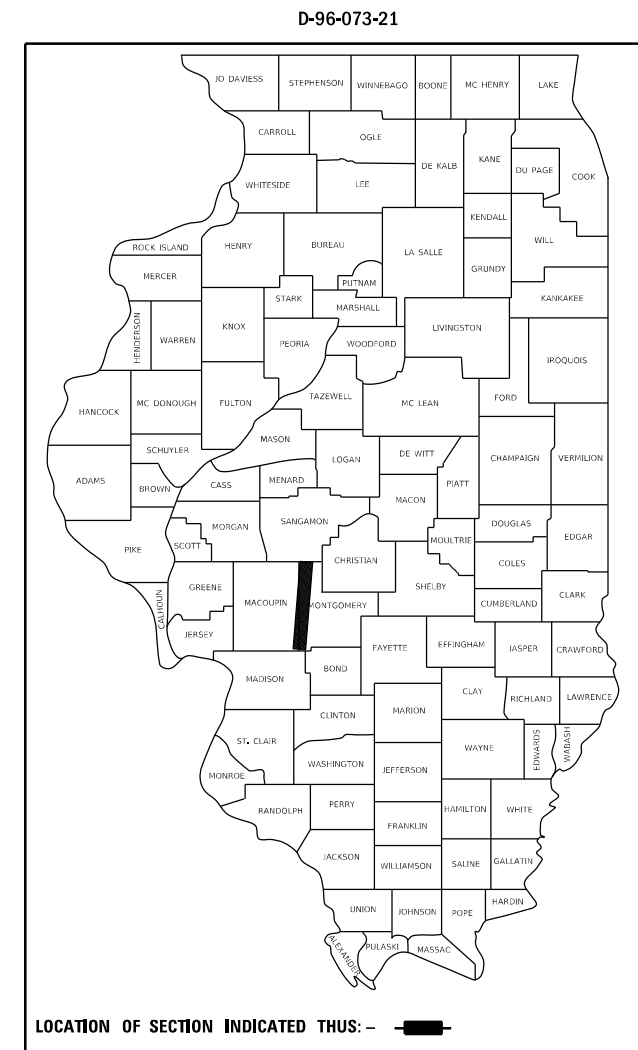
FOR INDEX OF SHEETS, SEE SHEET NO. ...

PROPOSED  
HIGHWAY PLANS

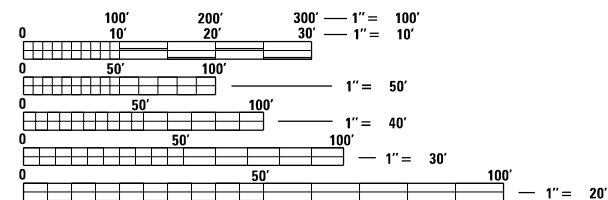
FAI 55 (I-55)  
SECTION D6 PATCHING 2021-1  
CLASS A PATCHES

MACOUPIN/MONTGOMERY

C-96-146-21



ADT = 15,000 (2019)  
SU = 450 (2019)  
MU = 4,000 (2019)



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: STEVE BERAN  
PROJECT MANAGER: TIM SHARP

CONTRACT NO. 72N20

BEGIN PROJECT  
MADISON/MACOUPIN  
CO. LINE

GROSS LENGTH = 201,168.00 FT. = 38.100 MILE  
NET LENGTH = 201,168.00 FT. = 38.100 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 8 20 21

*John P. Meyer*  
REGIONAL ENGINEER

February 4 20 22  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

February 4 20 22  
*Stephen M. Lewis*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION




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OF THE STATE OF ILLINOIS

## INDEX

SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	INDEX, STANDARDS, SIGNATURES
3.	SUMMARY OF QUANTITIES
4.	SCHEDULES
5.	LOCATION MAP
6.	TYPICAL SECTIONS

## STANDARDS

STANDARD NO.	DESCRIPTION
442001-04	CLASS A PATCHES
701101-05	OFF-RD OPERATIONS, MULTILINE, 15' TO 24" FROM EDGE OF PAVEMENT
701106-02	OFF-RD OPERATIONS, MULTILINE, MORE THAN 15' AWAY
701400-11	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE AT ENTRANCE OF EXIT RAMP FOR SPEEDS $\geq$ 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-10	PAVEMENT JOINTS

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6</b>	
EXAMINED	December 10 20 21
 ENGINEER OF OPERATIONS	
EXAMINED	December 10 20 21
 ENGINEER OF PROJECT IMPLEMENTATION	
EXAMINED	December 10 20 21
 ENGINEER OF PROGRAM DEVELOPMENT	

REV. - MS

FILE NAME =	USER NAME = sherpri	DESIGNED - DMS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX, STANDARDS, SIGNATURES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\CONTRMAINT_CAD\72N20 - FAI 55 (1-55)	D6 PATCHING 2021-1 - Mac and Mont Co-(3-11-2021)	DRAWN - DMS	REVISIONS -			55	D6 PATCHING 2021-1	MAC/MONT	6	2
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISIONS -							
	PLOT DATE = 12/8/2021	DATE - 5-13-2013	REVISIONS -							
						SCALE: _____ SHEET _____ OF _____ SHEETS		STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT
<b>CONTRACT NO. 72N20</b>										

MODEL: D:\p1\h\...  
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0-02176-6019	0-02176-6019
				100% STATE	100% STATE
				MACOUPIN	MONTGOMERY
				ROADWAY	ROADWAY
				0006	0006
				RURAL	RURAL
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SQ YD	250	46	204
44200612	CLASS A PATCHES, TYPE III, 13 INCH	SQ YD	120	0	120
44200614	CLASS A PATCHES, TYPE IV, 13 INCH	SQ YD	330.0	0.0	330.0
44213000	PATCHING REINFORCEMENT	SQ YD	700.0	50.0	650.0
44213200	SAW CUTS	FOOT	2,940	300	2,640
44213204	TIE BARS 3/4"	EACH	160	0	160
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	8	1	7
70100800	TRAFFIC OCONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.5	0.5
70107025	CHANGEABLE MESSAGE SIGN	CAL DAY	30	5	25
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.5	0.5

USER NAME = sharptd	DESIGNED - _____	REVISED - _____
DRAWN - _____	CHECKED - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	DATE - _____	REVISED - _____
PLOT DATE = 12/15/2021		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_\_ SHEET \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 PATCHING 2021-1	MAC/MONT	6	3
CONTRACT NO. 72N20			ILLINOIS FED. AID PROJECT	

Station / Mile Marker	Lane	Lane Location	Layout Length (ft)	Layout Lane Width (ft)	CLASS A, 13 INCH TY II	CLASS A, 13 INCH TY III	CLASS A, 13 INCH TY IV	Patching Reinf.	Saw Cuts	Tied Sides	Tie Bars
39	Macoupin/Madison Co Line										
40.10	NB-DL	CL	8.0	6.0	5.3	-	-	5.3	40.0	2	0
40.40	NB-DL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
40.50	Overhead Str 059-0045 - Staunton Rd										
41.30	Overhead Str 059-0044 - Old 66										
41.30	NB-DL		6.0	12.0	8.0	-	-	8.0	60.0	1	0
41.60	Overhead Str 059-0043 - Railroad										
42.10	Overhead Str 059-0042 - Tall Timber Rd										
43.10	Str 059-0041 - Over Wolf Rd										
43.60	NB-DL	CL	10.0	6.0	6.7	-	-	6.7	44.0	2	0
44.10	Overhead Str 059-0039 - IL 138										
45.75	NB-DL	CL	8.0	6.0	5.3	-	-	5.3	40.0	1	0
46.00	Overhead Str 059-0038 - KAHO Rd										
48.20	Overhead Str 059-0037 - Litchfield Trail (CH 29)										
50.40	Macoupin/Montgomery Co Line										
50.80	Overhead Str 068-0052 - Airport Trail										
52.50	Overhead Str Overhead Str 068-0051 - IL 16										
53.60	Overhead Str - 13th Avenue										
54.20	Str 068-0048 - Over Railroad										
54.80	Overhead Str - E 2nd Road										
57.10	Overhead Str - 16th Avenue										
60.20	Overhead Str - IL 108 (Carlinville Exit)										
60.70	NB-DL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
60.70	NB-PL	EOP	10.0	6.0	6.7	-	-	6.7	44.0	1	0
60.90	NB-DL	CL	40.0	6.0	-	-	26.7	26.7	104.0	2	26
62.15	NB-DL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
62.37	NB-DL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
62.30	Crossover										
63.20	Overhead Str 068-0042 - IL 48/127										
63.33	NB-DL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
63.47	NB-DL	EOP	20.0	6.0	13.3	-	-	13.3	64.0	1	0
63.97	NB-DL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
64.02	NB-DL	CL	8.0	6.0	5.3	-	-	5.3	40.0	2	0
64.10	NB-DL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
64.20	NB-DL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
64.20	NB-DL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
64.20	NB-DL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
64.27	NB-DL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
64.40	NB-PL		75.0	12.0	-	-	100.0	100.0	198.0	1	24
64.43	NB-PL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
64.50	NB-PL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
64.50	NB-DL		55.0	12.0	-	-	73.3	73.3	158.0	1	18
64.50	NB-DL	EOP	15.0	6.0	10.0	-	-	10.0	54.0	1	0
64.50	Rest Area										
64.60	NB-DL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
64.60	NB-DL	EOP	35.0	6.0	-	23.3	-	23.3	94.0	1	11
64.70	NB-DL		21.0	12.0	-	-	28.0	28.0	90.0	1	6
64.70	NB-PL	CL	8.0	6.0	5.3	-	-	5.3	40.0	2	0
64.70	NB-PL	CL	25.0	6.0	-	16.7	-	16.7	74.0	2	16
65.00	NB-PL		30.0	12.0	-	-	40.0	40.0	108.0	1	9
65.00	NB-PL	CL	8.0	6.0	5.3	-	-	5.3	40.0	2	0
65.00	NB-DL	EOP	10.0	6.0	6.7	-	-	6.7	44.0	1	0
65.00	NB-DL		25.0	12.0	-	-	33.3	33.3	98.0	1	8
65.10	Rest Area on Ramp										
65.20	NB-PL		15.0	12.0	-	20.0	-	20.0	78.0	1	0
65.30	NB-PL		15.0	12.0	-	20.0	-	20.0	78.0	1	0
65.40	NB-DL		15.0	12.0	-	20.0	-	20.0	78.0	1	0
66.40	Crossover										
67.10	Overhead Str 068-0041 - CH 16 (Wagoner Ave)										
70.00	Overhead Str 068-0040 - Morrisonville Ave										
71.20	Str 068-0038										
71.70	Overhead Str 068-0037 CH 17										
72.00	NB-DL	EOP	10.0	6.0	6.7	-	-	6.7	44.0	1	0
72.80	Crossover										
74.10	Overhead Str 068-0036 - 33rd Ave										
75.52	NB-DL	CL	25.0	6.0	-	16.7	-	16.7	74.0	2	16
75.60	Overhead Str 068-0035 - Virden Ave										
77.10	Montgomery/Sangamon Co Line										
Northbound Totals =					159.3	116.7	301.3	577.3	2346.0		134.0

Station / Mile Marker	Lane	Lane Location	Layout Length (ft)	Layout Lane Width (ft)	CLASS A, 13 INCH TY II	CLASS A, 13 INCH TY III	CLASS A, 13 INCH TY IV	Patching Reinf.	Saw Cuts	Tied Sides	Tie Bars
77.10	Montgomery/Sangamon Co Line										
77.10	SB-DL	CL	40.0	6.0	-	-	26.7	26.7	104.0	2	26
75.60	Overhead Str 068-0035 - Virden Ave										
74.10	Overhead Str 068-0036 - 33rd Ave										
72.80	Crossover										
71.70	Overhead Str 068-0037 CH 17										
71.20	Str 068-0038										
70.00	Overhead Str 068-0040 - Morrisonville Ave										
67.10	Overhead Str 068-0041 - CH 16 (Wagoner Ave)										
66.50	SB-DL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
66.40	Crossover										
65.90	SB-DL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
65.80	Rest Area Off Ramp										
64.70	SB-DL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
64.10	SB-DL	EOP	20.0	6.0	13.3	-	-	13.3	64.0	1	0
64.10	SB-DL		20.0	6.0	13.3	-	-	13.3	64.0	1	0
64.10	Crossover										
63.30	Overhead Str 068-0042 - IL 48/127										
62.80	SB-DL	EOP	15.0	6.0	10.0	-	-	10.0	54.0	1	0
62.30	Crossover										
61.40	SB-DL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
60.90	SB-PL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
60.80	SB-DL	EOP	8.0	6.0	5.3	-	-	5.3	40.0	1	0
60.20	Overhead Str - IL 108 (Carlinville Exit)										
57.10	Overhead Str - 16th Avenue										
54.80	Overhead Str - E 2nd Road										
54.20	Str 068-0048 - Over Railroad										
53.60	Overhead Str - 13th Avenue										
52.50	Overhead Str Overhead Str 068-0051 - IL 16										
50.80	Overhead Str 068-0052 - Airport Trail										
50.40	Macoupin/Montgomery Co Line										
48.20	Overhead Str 059-0037 - Litchfield Trail (CH 29)										
46.00	Overhead Str 059-0038 - KAHO Rd										
44.10	Overhead Str 059-0039 - IL 138										
43.50	Crossover										
43.10	SB-PL		10.0	12.0	13.3	-	-	13.3	68.0	1	0
43.10	Str 059-0041 - Over Wolf Rd										
42.10	Overhead Str 059-0042 - Tall Timber Rd										
41.30	Overhead Str 059-0044 - Old 66										
40.50	Overhead Str 059-0045 - Staunton Rd										
39.00	Macoupin/Madison Co Line										
Southbound Totals =					82.00	0.00	26.67	108.67	594.0	12.00	26.00
Totals =					241.33	116.67	328.00	686.00	2,940.00	12.00	160.00
					USE 250	USE 120	USE 330	USE 700			

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PLOT DATE = 12/8/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 PATCHING 2021-1	LOGAN	6	4
CONTRACT NO. 72N20				
ILLINOIS FED. AID PROJECT				



END PROJECT  
MONT/SANG  
CO. LINE

BEGIN PROJECT  
MAC/MADISON  
CO LINE

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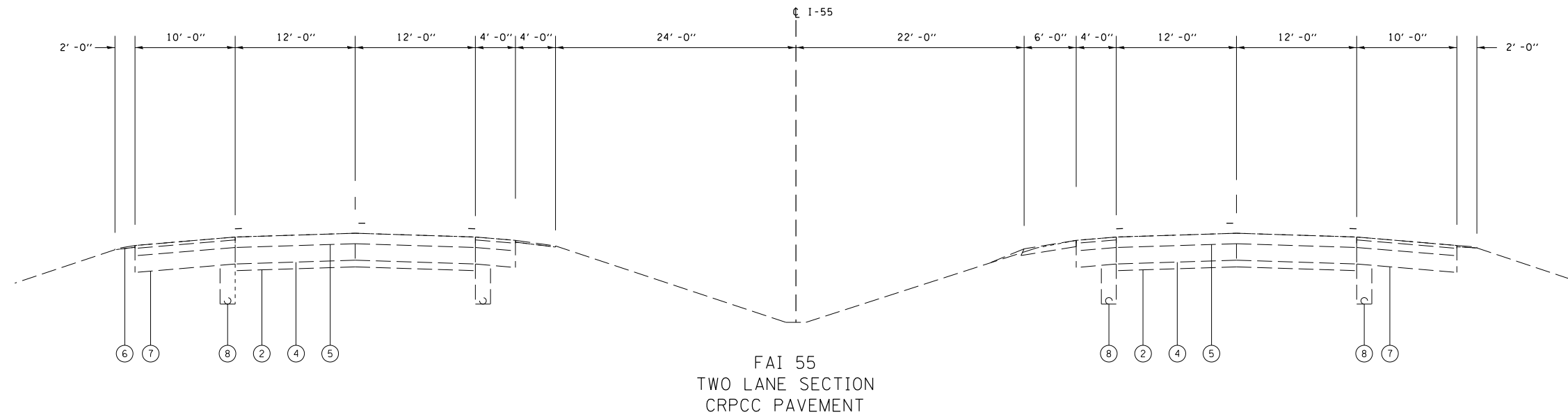
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	DRAWN - _____	REVISED - _____
PLOT SCALE = 1.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 12/8/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION MAP**

SCALE: \_\_\_\_\_ SHEET \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 PATCHING 2021-1	MAC/MONT	6	5
CONTRACT NO. 72N20				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- ① EX STABILIZED SUB-BASE 4"
- ② EX AGGREGATE SUB-BASE 4"
- ③ EX PCC PAVEMENT 9"
- ④ EX CRPCC PAVEMENT
- ⑤ EX HOT -MIX ASPHALT SURFACE COURSE (VARIABLE THICKNESS)
- ⑥ EX AGGREGAE SHOULDERS
- ⑦ EX HOT-MIX ASPHALT SHOULDERS
- ⑧ EX PIPE UNDERDRAIN

FILE NAME = S:\CONTRMAINT_CAD\72N20 - FAI 55 (1-55)	USER NAME = sharptd	DESIGNED - _____	REVISED - _____
	D6 PATCHING 2021-1 - Mac and Mont Co-(3-11-2021)	CHECKED - _____	REVISED - _____
Default	PLOT SCALE = 60.0000' / in.	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TYPICALS</b>			
SCALE: _____	SHEET _____	OF _____	SHEETS
STA. _____		TO STA. _____	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 PATCHING 2021-1	MAC/MONT	6	6
<b>CONTRACT NO. 72N20</b>				
ILLINOIS FED. AID PROJECT				