

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 PATCHING 2022	SANGAMON	6	1
		ILLINOIS	CONTRACT NO. 72883	

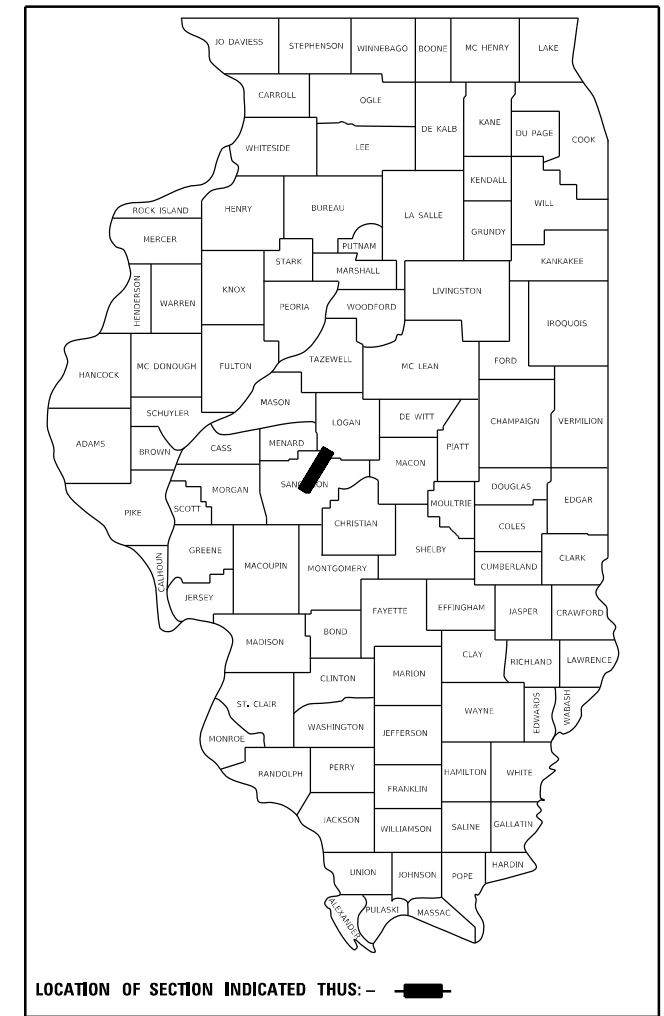
FOR INDEX OF SHEETS, SEE SHEET NO. 2

# PROPOSED HIGHWAY PLANS

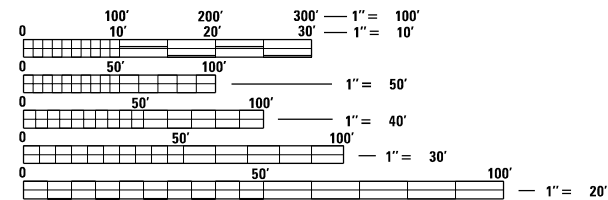
FAI ROUTE 55 (I-55)  
SECTION D6 PATCHING 2022

PAVEMENT PATCHING  
SANGAMON COUNTY

D96-032-22



ADT = 17,000  
SU = 475  
MU = 4,100

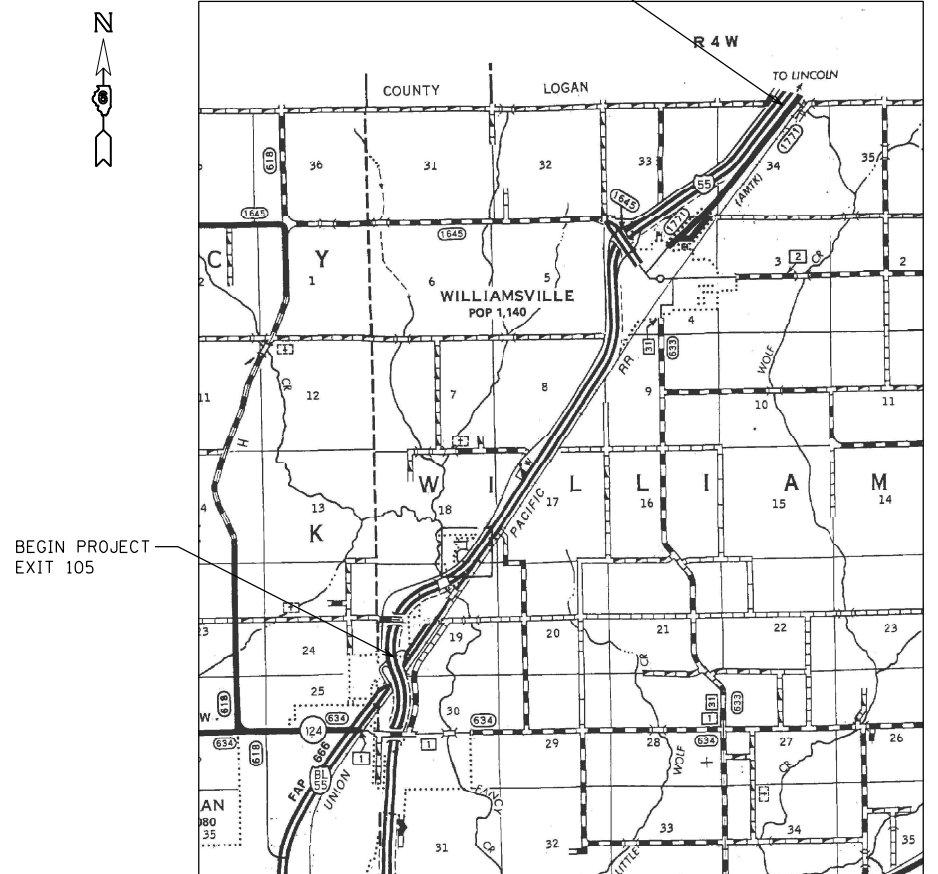


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

C-96-039-22

END PROJECT  
SANG/LOGAN  
CO LINE



BEGIN PROJECT  
EXIT 105

GROSS LENGTH = 26,928.00 FT. = 5.100 MILE  
NET LENGTH = 26,928.00 FT. = 5.100 MILE

PROJECT ENGINEER: STEVE BERAN (217)782-7314  
PROJECT MANAGER TIM SHARP (217)524-9160

CONTRACT NO. 72883

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED April 5, 2022

*John P. Meyer*  
REGIONAL ENGINEER

May 13, 2022 *Scott A. Etkin*  
ENGINEER OF DESIGN AND ENVIRONMENT

May 13, 2022 *Stephen M. Smith*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION




PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	INDEX OF SHEETS, STANDARDS, GENERAL NOTES & SIGNATURE
3.	SUMMARY OF QUANTITIES
4.	PATCHING SCHEDULE
5.	PROJECT LOCATION MAP
6.	PROJECT TYPICAL SECTIONS

**STANDARDS**

STANDARD NO.	DESCRIPTION
442001-04	CLASS A PATCHES
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM EDGE OF PAVEMENT
701106-02	OFF-RD OPERATIONS, MULTILANE, 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 OR EXIT RAMP FOR SPEEDS $\geq$ 45 MPH
701446-11	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701901-08	TRAFFIC CONTROL DEVICES

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6</b>	
EXAMINED	April 5 20 22
 <small>ENGINEER OF OPERATIONS</small>	
EXAMINED	April 5 20 22
 <small>ENGINEER OF PROJECT IMPLEMENTATION</small>	
EXAMINED	April 5 20 22
 <small>ENGINEER OF PROGRAM DEVELOPMENT</small>	

0-02177-6004  
 100% STATE  
 SANGAMON  
 ROADWAY  
 0006  
 RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	RURAL
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SQ YD	656.7	656.7
44200612	CLASS A PATCHES, TYPE III, 13 INCH	SQ YD	112	112
44200614	CLASS A PATCHES, TYPE IV, 13 INCH	SQ YD	597.4	597.4
44213000	PATCHING REINFORCEMENT	SQ YD	1,366.1	1,366.1
44213200	SAW CUTS	FOOT	6,466	6,466
44213204	TIE BARS 3/4"	EACH	360	360
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	7	7
70100800	TRAFFIC OCONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1
70100815	TRAFFIC OCONTROL AND PROTECTION, STANDARD 701446	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DAY	30	30
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1
X7010410	SPEED DISPLAY TRAILER	CAL MO	1	1

MODEL: D:\p\h\l...  
 FILE NAME: S:\CONTRACTS\MAINT\_CAD\72883 - FAI 55 (I 55) D6 PATCHING 2022 - southbound - Sangamon Co. - (6-11-2022)\sb\72883-nt-5-500.dgn

USER NAME = sharptd	DESIGNED - _____	REVISED - _____
PLOT SCALE = 2.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 4/8/2022	DATE - _____	REVISED - _____

**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 2022	SANGAMON	6	3
CONTRACT NO. 72883				
ILLINOIS FED. AID PROJECT				

MODEL: D:\m\h\...  
 FILE NAME: S:\CONTRACTS\CAD\72883 - F&I 55 (I 55) D6 PATCHING 2022 - southbound - Sangamon Co. - (6-11-2022)\ibars\72883-sb-4-ctc\ctc\ibars.dgn

MILE	LANE	LENGTH	WIDTH	AREA	CLASS A, 13 INCH			SAW CUTS	TIE BARS 3/4"	PAVEMENT REINF.	TIED SIDES
					TY II	TY III	TY IV				
MARKER	DL/ML/PL	(FT)	(FT)	(S.Y.)	(S.Y.)	(S.Y.)	(S.Y.)	(EA.)	(S.Y.)		
<b>I-55 SOUTHBOUND -- SANGAMON COUNTY</b>											
111.1	LOGAN - SANGAMON COUNTY LINE										
111.1	ML	10	6	6.7	6.7	--	--	44.0	--	6.7	2
111.1	ML	35	6	23.3	--	23.3	--	94.0	22	23.3	2
110.9	CROSS OVER										
110.7	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	1
110.6	DL	15	6	10.0	10.0	--	--	54.0	--	10.0	1
110.5	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
110.4	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
109.8	DL	20	6	13.3	13.3	--	--	64.0	6	13.3	1
109.5	DL	45	6	30.0	--	--	30.0	114.0	14	30.0	1
109.3	DL	95	6	63.3	--	--	63.3	214.0	31	63.3	1
109.2	EXIT 109 (IL 123/WILLIAMSVILLE) - SN 086-0171										
109.2	DL	10	6	6.7	6.7	--	--	44.0	--	6.7	1
108.7	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
108.7	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	1
108.6	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
108.6	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
108.5	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
108.5	DL	10	12	13.3	13.3	--	--	68.0	--	13.3	1
108.5	ML	45	12	60.0	--	--	60.0	138.0	28	60.0	2
107.9	CROSS OVER										
107.9	ML	8	12	10.7	10.7	--	--	64.0	--	10.7	2
107.8	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
107.8	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
107.8	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
107.8	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
107.8	DL	12	6	8.0	8.0	--	--	48.0	--	8.0	1
107.8	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
107.6	DL	28	12	37.3	--	--	37.3	104.0	9	37.3	1
107.6	DL	10	12	13.3	13.3	--	--	68.0	--	13.3	1
107.6	DL	10	6	6.7	6.7	--	--	44.0	--	6.7	1
107.6	DL	105	6	70.0	--	--	70.0	234.0	34	70.0	1
107.5	DL	12	12	16.0	--	16.0	--	72.0	--	16.0	1
107.5	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
107.5	DL	8	12	10.7	10.7	--	--	64.0	--	10.7	1
107.5	DL	15	6	10.0	10.0	--	--	54.0	--	10.0	1
107.4	DL	60	12	80.0	--	--	80.0	168.0	19	80.0	1
107.4	DL	30	6	20.0	--	20.0	--	84.0	9	20.0	1
107.4	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
107.4	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	1
107.4	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
107.4	DL	12	12	16.0	--	16.0	--	72.0	--	16.0	1
107.4	DL	8	12	10.7	10.7	--	--	64.0	--	10.7	1
107.3	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
107.3	EXIT RAMP TO WEIGH STATION										
107.3	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
107.2	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
107.2	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
106.9	DL	10	6	6.7	6.7	--	--	44.0	--	6.7	1
106.9	DL	15	6	10.0	10.0	--	--	54.0	--	10.0	1
106.9	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
106.8	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
106.8	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
106.8	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
106.8	DL	8	12	10.7	10.7	--	--	64.0	--	10.7	1
106.7	DL	20	6	13.3	13.3	--	--	64.0	6	13.3	1
106.7	DL	20	6	13.3	13.3	--	--	64.0	6	13.3	1
106.6	ENTRANCE RAMP FROM WEIGH STATION										
106.4	DL	60	12	80.0	--	--	80.0	168.0	58	80.0	1
106.2	DL	30	12	40.0	--	--	40.0	108.0	28	40.0	1
106.2	DL	15	6	10.0	10.0	--	--	54.0	--	10.0	1
106.2	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
106.2	CROSS OVER										
106.2	DL	12	6	8.0	8.0	--	--	48.0	--	8.0	1
106.2	DL	8	12	10.7	10.7	--	--	64.0	--	10.7	1
106.1	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
106.1	DL	8	12	10.7	10.7	--	--	64.0	--	10.7	1
106.0	DL	12	6	8.0	8.0	--	--	48.0	--	8.0	1
105.9	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
105.8	DL	8	6	5.3	5.3	--	--	40.0	--	5.3	1
105.7	SN 084-0022 FANCY CREEK										
105.5	ML	6	12	8.0	8.0	--	--	60.0	--	8.0	2
105.3	ML	6	12	8.0	8.0	--	--	60.0	--	8.0	2
105.2	ML	6	12	8.0	8.0	--	--	60.0	--	8.0	2
105.1	SUDDUTH ROAD OVERHEAD										
105.0	PL	6	12	8.0	8.0	--	--	60.0	--	8.0	1
104.8	ML	6	12	8.0	8.0	--	--	60.0	--	8.0	2
104.8	EXIT 105 (BUS. 55/SHERMAN)										
Southbound Patching Total:					418.7	75.3	460.7	4298.0	271.0	954.7	

MILE	LANE	LENGTH	WIDTH	AREA	CLASS A, 13 INCH			SAW CUTS	TIE BARS 3/4"	PAVEMENT REINF.	TIED SIDES
					TY II	TY III	TY IV				
MARKER	DL/ML/PL	(FT)	(FT)	(S.Y.)	(S.Y.)	(S.Y.)	(S.Y.)	(FT)	(EA.)	(S.Y.)	
<b>I-55 NORTHBOUND - SANGAMON COUNTY</b>											
104.8	EXIT 105 (BUS. 55/SHERMAN)										
105.3	SUDDUTH ROAD OVERHEAD										
105.6	SN 084-0022 FANCY CREEK										
106.0	BEGIN 3 LANE SECTION										
106.2	DL	65.0	6.0	43.3	--	--	43.3	154.0	43	43.3	1
106.2	CROSS OVER										
106.3	DL	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	1
106.5	ML	10.0	12.0	13.3	13.3	--	--	68.0	--	13.3	2
106.5	ML	6.0	12.0	8.0	8.0	--	--	60.0	--	8.0	2
106.5	DL	25.0	6.0	16.7	--	16.7	--	74.0	8	16.7	1
106.5	ML	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	2
106.6	DL	15.0	6.0	10.0	10.0	--	--	54.0	--	10.0	1
106.7	DL	15.0	6.0	10.0	10.0	--	--	54.0	--	10.0	1
106.7	DL	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	1
107.1	DL	22.0	6.0	14.7	14.7	--	--	68.0	7	14.7	1
107.1	DL	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	1
107.2	DL	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	1
107.3	DL	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	1
107.3	ML	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	2
107.3	ML	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	2
107.4	DL	12.0	6.0	8.0	8.0	--	--	48.0	--	8.0	1
107.4	DL	13.0	6.0	8.7	8.7	--	--	50.0	--	8.7	1
107.4	ML	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	2
107.6	DL	10.0	6.0	6.7	6.7	--	--	44.0	--	6.7	1
107.7	DL	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	1
107.7	DL	40.0	12.0	53.3	--	--	53.3	128.0	13	53.3	1
107.7	ML	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	2
107.7	DL	60.0	6.0	40.0	--	--	40.0	144.0	19	40.0	1
107.8	DL	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	1
107.8	ML	12.0	6.0	8.0	8.0	--	--	48.0	--	8.0	2
107.8	DL	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	1
107.8	DL	10.0	6.0	6.7	6.7	--	--	44.0	--	6.7	1
107.8	ML	10.0	6.0	6.7	6.7	--	--	44.0	--	6.7	2
107.9	DL	6.0	12.0	8.0	8.0	--	--	60.0	--	8.0	1
108.0	CROSS OVER										
108.0	DL	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	1
108.2	DL	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	1
108.6	DL	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	1
109.0	DL	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	1
109.0	DL	8.0	6.0	5.3	5.3	--	--	40.0	--	5.3	1
109.2	EXIT 109 (IL 123/WILLIAMSVILLE) - SN 086-0171										
109.2	DL	6.0	12.0	8.0	8.0	--	--	60.0	--	8.0	1
109.6											



BEGIN PROJECT  
ON I-55  
EXIT 105

END PROJECT  
ON I-55  
SANG/LOGAN  
CO. LINE

MODEL: Default  
 FILE NAME: S:\CONTRACT\MNT\_CAD\72883 - FAI 55 (I 55) D6 PATCHING 2022 - Sangamon Co - (6-1-2022)\dwm\72883-shr-5-subarea.dgn

USER NAME = sharptd	DESIGNED - _____	REVISED - _____
DRAWN - _____	REVISOR - _____	REVISOR - _____
PLOT SCALE = 2,000' / in.	CHECKED - _____	REVISOR - _____
PLOT DATE = 4/5/2022	DATE - _____	REVISOR - _____

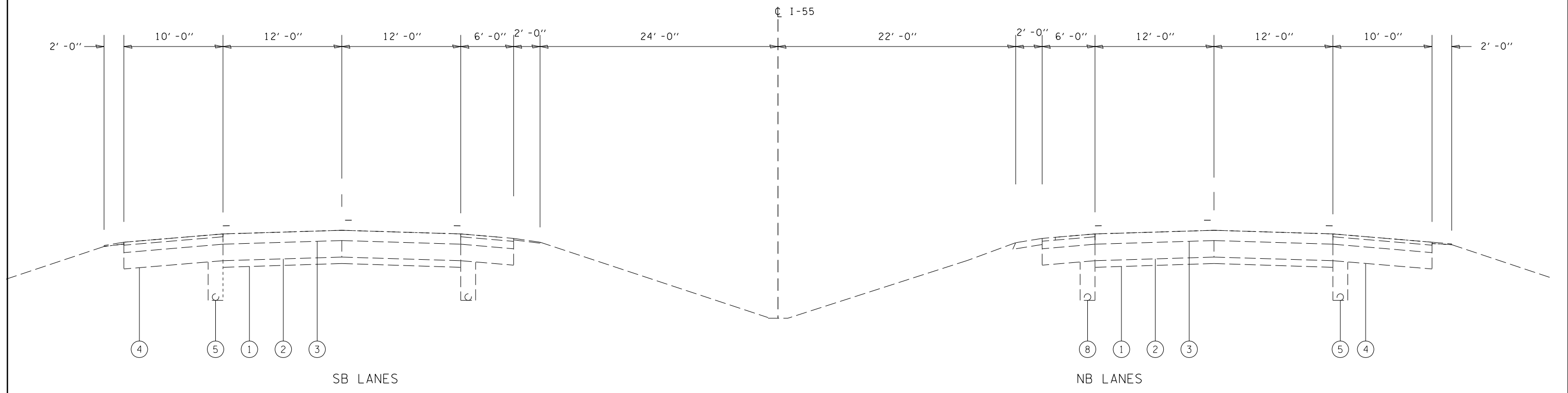
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN**

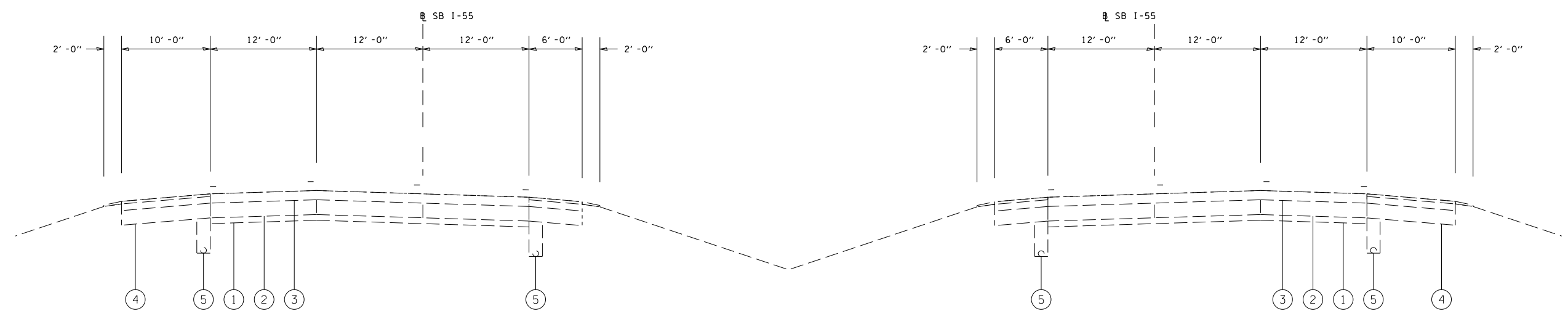
SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 PATCHING 2022	SANGAMON	6	5
CONTRACT NO. 72883				
ILLINOIS FED. AID PROJECT				

MODEL: D:\p\h\j\...  
 FILE NAME: S:\CONTRACT\MAINT\_CAD\072883 - FAI 55 (I 55) D6 PATCHING 2022 - Sangamon Co. - (6-1-2022)\d\h\j\72883-shr-6.syd\typical.dgn



FAI 55  
TWO LANE SECTION



FAI 55  
THREE LANE SECTION

LEGEND

- ① EX AGGREGATE SUB-BASE 4"
- ② EX PCC PAVEMENT
- ③ EX HOT -MIX ASPHALT SURFACE COURSE (VARIABLE THICKNESS)
- ④ EX HOT-MIX ASPHALT SHOULDERS
- ⑤ EX PIPE UNDERDRAIN

USER NAME = sharptd	DESIGNED - _____	REVISED - _____
PLOT SCALE = 5.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 4/5/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICALS	
SCALE: _____	SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 PATCHING 2022	SANGAMON	6	6
CONTRACT NO. 72883				
ILLINOIS FED. AID PROJECT				