

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 PATCHING 2021	SANGAMON	6	1
		ILLINOIS	CONTRACT NO. 72N18	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

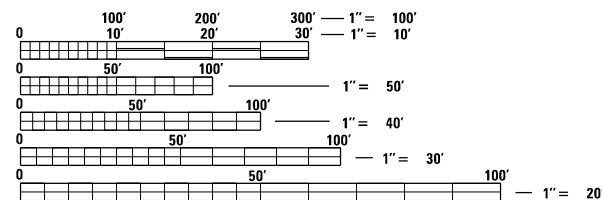
PROPOSED HIGHWAY PLANS

FAI ROUTE 55 (I-55)
SECTION D6 PATCHING 2021

PAVEMENT PATCHING
SANGAMON COUNTY

C-96-144-21

ADT = 28,800
SU = 3,300
MU = 5,300

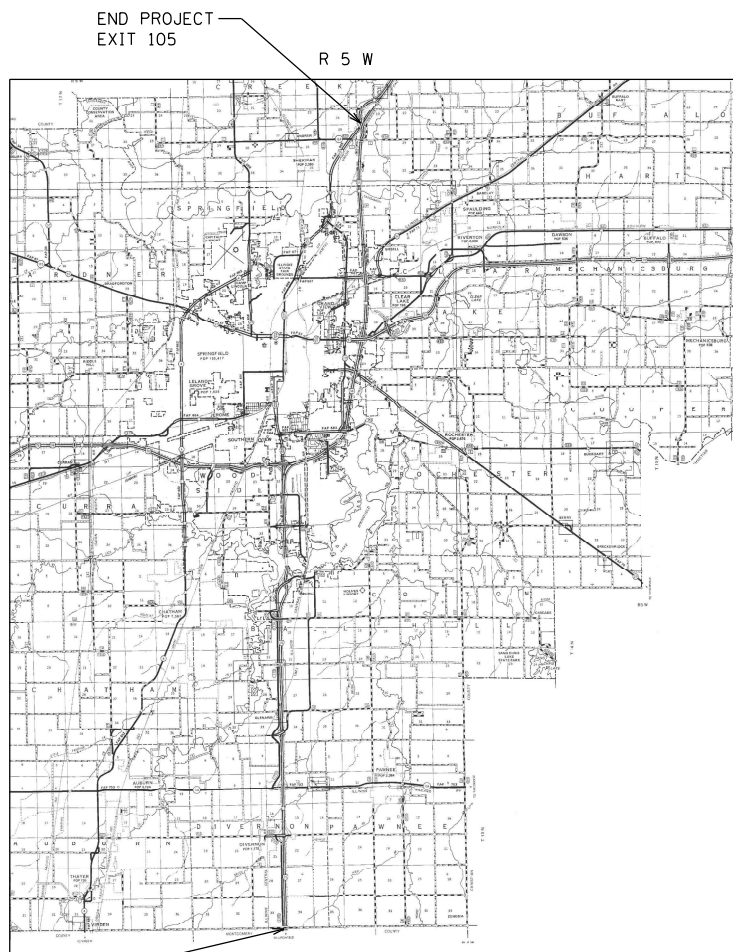


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

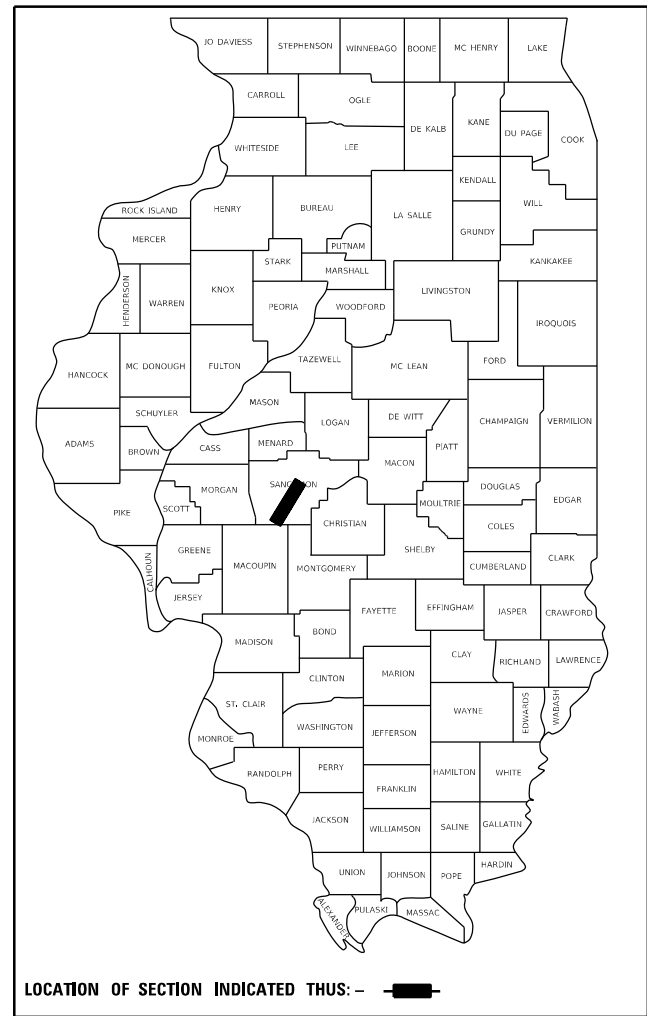
PROJECT ENGINEER: STEVE BERAN
PROJECT MANAGER TIM SHARP

CONTRACT NO. 72N18



GROSS LENGTH = 147,312.00 FT. = 27.900 MILE
NET LENGTH = 147,312.00 FT. = 27.900 MILE

D96-071-21



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 20 20 21

John P. Meyer
REGIONAL ENGINEER

December 10 2021
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

December 10 2021
Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION




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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
442101-09	CLASS B 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
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH DN OF A FOOT
420001-10	PAVEMENT JOINTS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6	
EXAMINED	October 29, 20 21
 ENGINEER OF OPERATIONS	
EXAMINED	October 29, 20 21
 ENGINEER OF PROJECT IMPLEMENTATION	
EXAMINED	October 29, 20 21
 ENGINEER OF PROGRAM DEVELOPMENT	

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

LOCATION:	SHOULDER REPAIR	SHOULDER REPAIR
MIXTURE USE(S):	LOWER LIFTS	TOP 2"
AC/PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL 19.0	IL 9.5
FRICTION AGGREGATE:	N/A	MIX "C"
QUALITY MANAGEMENT	QC/QA	QC/QA

REV. - MS

FILE NAME = S:\CONTRMAINT_CAD\72N18 -FAI 55 (1-55) - 06 PATCHING 2021 - Sangamon Co-(1-21-2022)\pl	USER NAME = sharptd	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STANDARDS GENERAL NOTES, SIGNATURES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRWING - sht-2-gen	CHECKED - _____	REVISED - _____	55			D6 PATCHING 2021	SANGAMON	6	2	
PLOT SCALE = 80.0000' / in.	DATE - _____	REVISED - _____	CONTRACT NO. 72N18							
PLOT DATE = 10/25/2021	DATE - _____	REVISED - _____	ILLINOIS FED. AID PROJECT							
Default				SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____				

0-02176-6017
 100% STATE
 SANGAMON
 ROADWAY
 0006
 RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SQ YD	201.3	201.3
44200612	CLASS A PATCHES, TYPE III, 13 INCH	SQ YD	116.7	116.7
44200614	CLASS A PATCHES, TYPE IV, 13 INCH	SQ YD	146.7	146.7
44201043	CLASS B PATCHES, TYPE II, 16 INCH	SQ YD	212	212
44201047	CLASS B PATCHES, TYPE III, 16 INCH	SQ YD	32	32
44201299	DOWEL BARS 1 1/2"	EACH	490	490
44213000	PATCHING REINFORCEMENT	SQ YD	465	465
44213200	SAW CUTS	FOOT	4,042	4,042
44213204	TIE BARS 3/4"	EACH	409	409
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	16	16
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
X4820110	HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)	SQ YD	250	250
X7010410	SPEED DISPLAY TRAILER	CAL MO	1	1

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USER NAME = sharptd	DESIGNED - _____	REVISED - _____
PLOT SCALE = 2.0000 ' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 10/25/2021	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.
5592	D6 PATCHING 2021	SANGAMON	6	3
CONTRACT NO. 72N18				
ILLINOIS FED. AID PROJECT				

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MILE	LANE	LENGTH	WIDTH	AREA	CLASS A, 13 INCH			CLASS B, 16 INCH			SAW CUTS	TIE BARS 3/4"	DOWEL BARS 1 1/2"	PAVEMENT REINF.
					TY II	TY III	TY IV	TY II	TY III	TY IV				
MARKER	DL/ML/PL	(FT)	(FT)	(S.Y.)	(S.Y.)	(S.Y.)	(S.Y.)	(S.Y.)	(S.Y.)	(FT)	(EA.)	(EA.)	(S.Y.)	
I-55 NORTHBOUND - SANGAMON COUNTY														
77.1	SANGAMON/MONTGOMERY COUNTY LINE													
80.2	DIVERNON OVERHEAD SN 084-0106													
81.1	STRUCTURE 084-0108													
81.1	DL	6	12	8.0	8.0	--	--	--	--	60.0	--	--	8.0	
81.1	PL	6	12	8.0	8.0	--	--	--	--	60.0	--	--	8.0	
81.3	BEGIN 3 LANES													
81.7	STRUCTURE 084-0110 (OVER IL 104)													
82.0	DL	10	6	6.7	6.7	--	--	--	--	44.0	--	--	6.7	
82.1	ML	60	6	40.0	--	--	40.0	--	--	144.0	58.0	--	40.0	
82.1	ML	12	6	8.0	8.0	--	--	--	--	48.0	--	--	8.0	
82.1	ML	50	6	33.3	--	--	33.3	--	--	124.0	48.0	--	33.3	
82.1	ML	6	12	8.0	8.0	--	--	--	--	60.0	--	--	8.0	
82.3	ML	8	6	5.3	5.3	--	--	--	--	40.0	--	--	5.3	
82.3	ML	10	6	6.7	6.7	--	--	--	--	44.0	--	--	6.7	
82.5	ML	8	6	5.3	5.3	--	--	--	--	40.0	--	--	5.3	
82.5	ML	8	6	5.3	5.3	--	--	--	--	40.0	--	--	5.3	
82.8	DL	8	6	5.3	5.3	--	--	--	--	40.0	--	--	5.3	
82.9	ML	10	6	6.7	6.7	--	--	--	--	44.0	--	--	6.7	
82.9	ML	8	6	5.3	5.3	--	--	--	--	40.0	--	--	5.3	
83.5	OLD ROUTE 66 OVERHEAD (GLENARM EXIT)													
83.4	ML	12	6	8.0	8.0	--	--	--	--	48.0	--	--	8.0	
83.4	ML	20	12	26.7	--	--	26.7	--	--	88.0	18.0	--	26.7	
83.6	ML	10	6	6.7	6.7	--	--	--	--	44.0	--	--	6.7	
83.6	ML	15	6	10.0	10.0	--	--	--	--	54.0	--	--	10.0	
84.5	STRUCTURE 084-0113													
85.7	PULLIAM ROAD OVERHEAD													
87.3	NEW CITY ROAD OVERHEAD													
88.5	EAST LAKE DRIVE OVERHEAD (CHATHAM EXIT)													
89.2	LAKE SPRINGFIELD BRIDGE													
97.7	EXIT 98 (I-72/CLEAR LAKE AVE.)													
98.0	DL	8	12	10.7	--	--	--	10.7	--	72.0	--	20.0	--	
98.0	DL	8	12	10.7	--	--	--	10.7	--	72.0	--	20.0	--	
99.0	DL	6	12	8.0	--	--	--	8.0	--	66.0	--	20.0	--	
99.1	DL	10	6	6.7	--	--	--	6.7	--	54.0	--	10.0	--	
99.2	RIDGLEY AVENUE OVERHEAD													
99.2	DL	8	12	10.7	--	--	--	10.7	--	72.0	--	20.0	--	
99.2	DL	6	12	8.0	--	--	--	8.0	--	66.0	--	20.0	--	
99.2	DL	8	6	5.3	--	--	--	5.3	--	48.0	--	10.0	--	
99.3	PL	10	12	13.3	--	--	--	13.3	--	78.0	--	20.0	--	
99.8	EXIT 100 (IL 54/SANGAMON AVE.)													
100.7	BISSELL ROAD OVERHEAD													
100.7	DL	6	12	8.0	--	--	--	8.0	--	66.0	--	20.0	--	
100.7	DL	6	12	8.0	--	--	--	8.0	--	66.0	--	20.0	--	
102.0	NORTHBOUND REST AREA													
102.6	SANGAMON RIVER BRIDGE SN 084-0018													
102.9	DL	6	12	8.0	--	--	--	8.0	--	66.0	--	20.0	--	
102.9	PL	6	12	8.0	--	--	--	8.0	--	66.0	--	20.0	--	
103.8	PL	6	12	8.0	--	--	--	8.0	--	66.0	--	20.0	--	
104.1	DL	10	12	13.3	--	--	--	13.3	--	78.0	--	20.0	--	
104.2	ANDREW ROAD (CH 1) OVERHEAD													
104.2	DL	10	12	13.3	--	--	--	13.3	--	78.0	--	20.0	--	
104.2	DL	12	12	16.0	--	--	--	16.0	--	84.0	--	20.0	--	
104.3	CROSS OVER													
104.8	EXIT 105 (BUS. 55/SHERMAN)													
NORTHBOUND TOTALS					103.3	0.0	100.0	140.0	16.0	0.0	2160.0	124.0	300.0	203.3

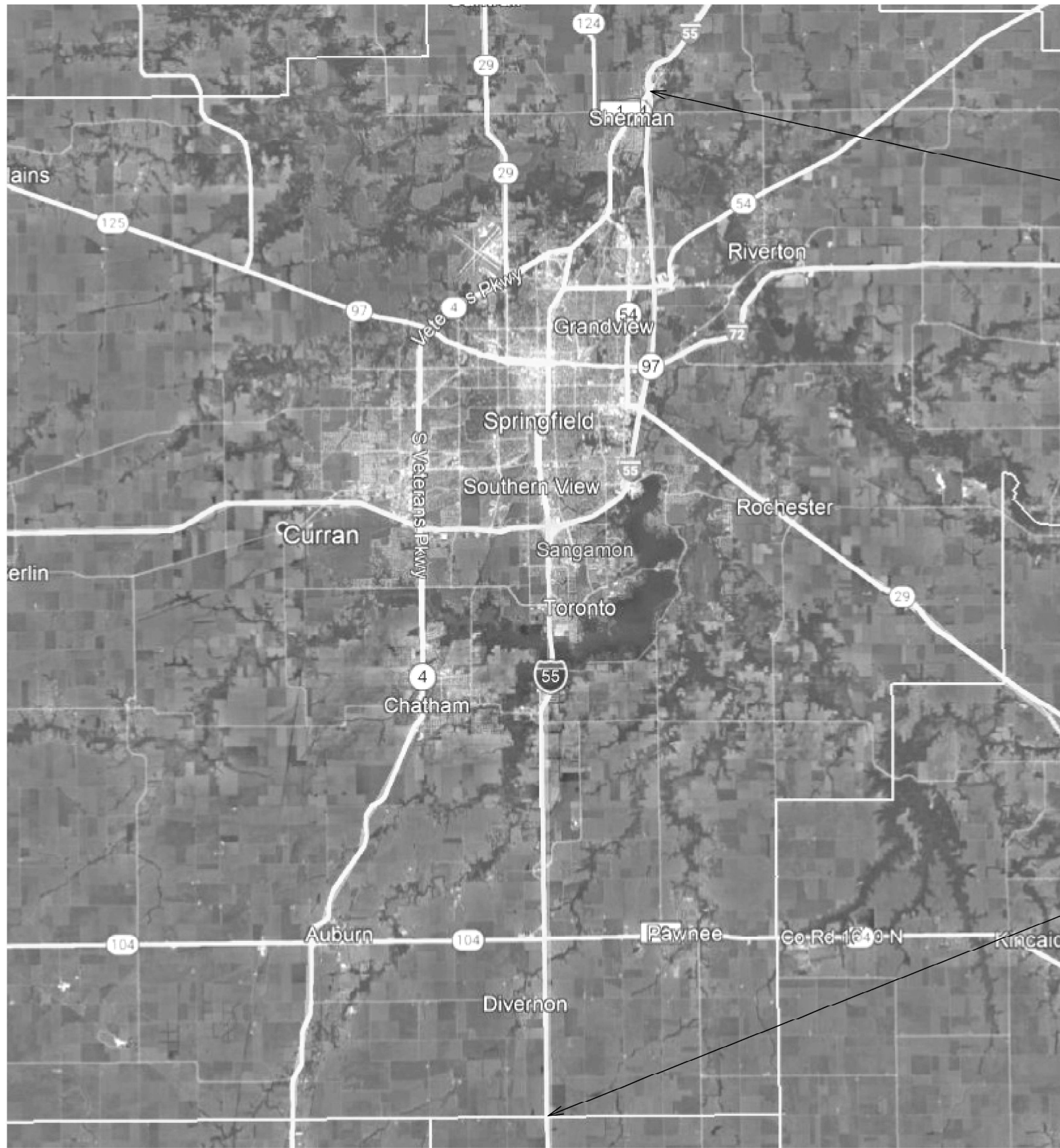
MILE	LANE	LENGTH	WIDTH	AREA	CLASS A, 13 INCH			CLASS B, 16 INCH			SAW CUTS	TIE BARS 3/4"	DOWEL BARS 1 1/2"	PAVEMENT REINF.
					TY II	TY III	TY IV	TY II	TY III	TY IV				
MARKER	DL/ML/PL	(FT)	(FT)	(S.Y.)	(S.Y.)	(S.Y.)	(S.Y.)	(S.Y.)	(S.Y.)	(FT)	(EA.)	(EA.)	(S.Y.)	
I-55 SOUTHBOUND -- SANGAMON COUNTY														
104.8	EXIT 105 (BUS. 55/SHERMAN)													
103.6	SOUTHBOUND REST AREA													
103.1	END 3 LANE SECTION													
102.6	SN 084-0018 (SANGAMON RIVER)													
100.8	DL	6	12	8.0	--	--	--	8.0	--	66.0	--	20.0	--	
100.7	BISSELL ROAD OVERHEAD													
100.5	PL	6	12	8.0	--	--	--	8.0	--	66.0	--	20.0	--	
100.4	PL	6	12	8.0	--	--	--	8.0	--	66.0	--	20.0	--	
100.3	PL	6	12	8.0	--	--	--	8.0	--	66.0	--	20.0	--	
99.8	EXIT 100 (IL 54/SANGAMON AVE.)													
99.3	SN 084-0103 (RAILROAD)													
99.3	DL	8	12	10.7	--	--	--	10.7	--	72.0	--	20.0	--	
99.1	DL	6	12	8.0	--	--	--	8.0	--	66.0	--	20.0	--	
99.2	SN 084-0102 RIDGLEY AVENUE OVERHEAD													
99.1	DL	12	12	16.0	--	--	--	16.0	--	84.0	--	20.0	--	
99.1	PL	6	12	8.0	--	--	--	8.0	--	66.0	--	20.0	--	
99.1	PL	6	12	8.0	--	--	--	8.0	--	66.0	--	20.0	--	
98.9	DL	8	6	5.3	--	--	--	5.3	--	48.0	--	10.0	--	
97.7	EXIT 98 (I-72/CLEAR LAKE AVE.)													
92.5	OVERHEAD STRUCTURE (11TH ST)													
92.0	OVERHEAD STRUCTURE (6TH ST)													
90.5	CROSS OVER													
90.3	ML	8	6	5.3	5.3	--	--	--	--	40.0	--	--	5.3	
89.2	LAKE SPRINGFIELD BRIDGE													
88.5	EAST LAKE DRIVE OVERHEAD (CHATHAM EXIT)													
85.7	PULLIAM ROAD OVERHEAD													
84.5	STRUCTURE 084-0113													
83.3	DL	20	6	13.3	13.3	--	--	--	--	64.0	18.0	--	13.3	
83.3	DL	10	6	6.7	6.7	--	--	--	--	44.0	--	--	6.7	
83.3	DL	10	6	6.7	6.7	--	--	--	--	44.0	--	--	6.7	
83.5	ML	70	6	46.7	--	--	--	46.7	--	164.0	68.0	--	46.7	
83.5	OLD ROUTE 66 OVERHEAD (GLENARM EXIT)													
83.5	DL	12	6	8.0	8.0	--	--	--	--	48.0	--	--	8.0	
83.4	DL	10	6	6.7	6.7	--	--	--	--	44.0	--	--	6.7	
83.4	DL	20	6	13.3	13.3	--	--	--	--	64.0	18.0	--	13.3	
82.8	ML	35	6	23.3	--	--	--	23.3	--	94.0	33.0	--	23.3	
82.8	ML	30	6	20.0	--	--	--	20.0	--	84.0	28.0	--	20.0	
82.7	ML	25	6	16.7	--	--	--	16.7	--	74.0	23.0	--	16.7	
82.7	DL	25	6	16.7	--	--	--	16.7	--	74.0	23.0	--	16.7	
82.5	ML	10	6	6.7	6.7	--	--	--	--	44.0	--	--	6.7	
82.4	ML	30	6	20.0	--	--	--	20.0	--	84.0	28.0	--	20.0	
82.4	ML	15	6	10.0	10.0	--	--	--	--	54.0	--	--	10.0	
82.2	ML	12	6	8.0	8.0	--	--	--	--	48.0	--	--	8.0	
82.1	ML	30	6	20.0	--	--	--	20.0	--	84.0	28.0	--	20.0	
81.8	ML	20	6	13.3	13.3	--	--	--	--	64.0	18.0	--	13.3	
81.7	STRUCTURE 084-0110 (OVER IL 104)													
81.0	STRUCTURE 084-0108													
80.2	DIVERNON OVERHEAD													
77.1	SANGAMON/MONTGOMERY COUNTY LINE													
SOUTHBOUND TOTALS					98.0	116.7	46.7	72.0	16.0	0.0	1882.0	285.0	190.0	261.3
Patching Total:					201.3	116.7	146.7	212.0	32.0	0.0	4042.0	409.0	490.0	464.7

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

USER NAME = sharptd	DESIGNED - _____	REVISED - _____
PLOT SCALE = 2.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 10/25/2021	DATE - _____	REVISED - _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 PATCHING 2021	SANGAMON	6	4
CONTRACT NO. 72N18				
SCALE: _____		SHEET ____ OF ____ SHEETS		STA. _____ TO STA. _____
ILLINOIS FED. AID PROJECT				



END PROJECT
ON I-55
EXIT 105

BEGIN PROJECT ON I-55
SANGAMON/MONTGOMERY CO. LINE

MODEL: D:\dtp\p\PROJECTS\CONTRACTS\CAD\72N18 - I-55 (I-55) - D6 PATCHING 2021 - Sangamon Co (1212022)\plans\72N18-htc-5-plans.dgn
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REV. - MS

USER NAME = sharptd	DESIGNED - _____	REVISED - _____
DRAWN - _____	REVISOR - _____	REVISOR - _____
PLOT SCALE = 2.0000' / in.	CHECKED - _____	REVISOR - _____
PLOT DATE = 10/25/2021	DATE - _____	REVISOR - _____

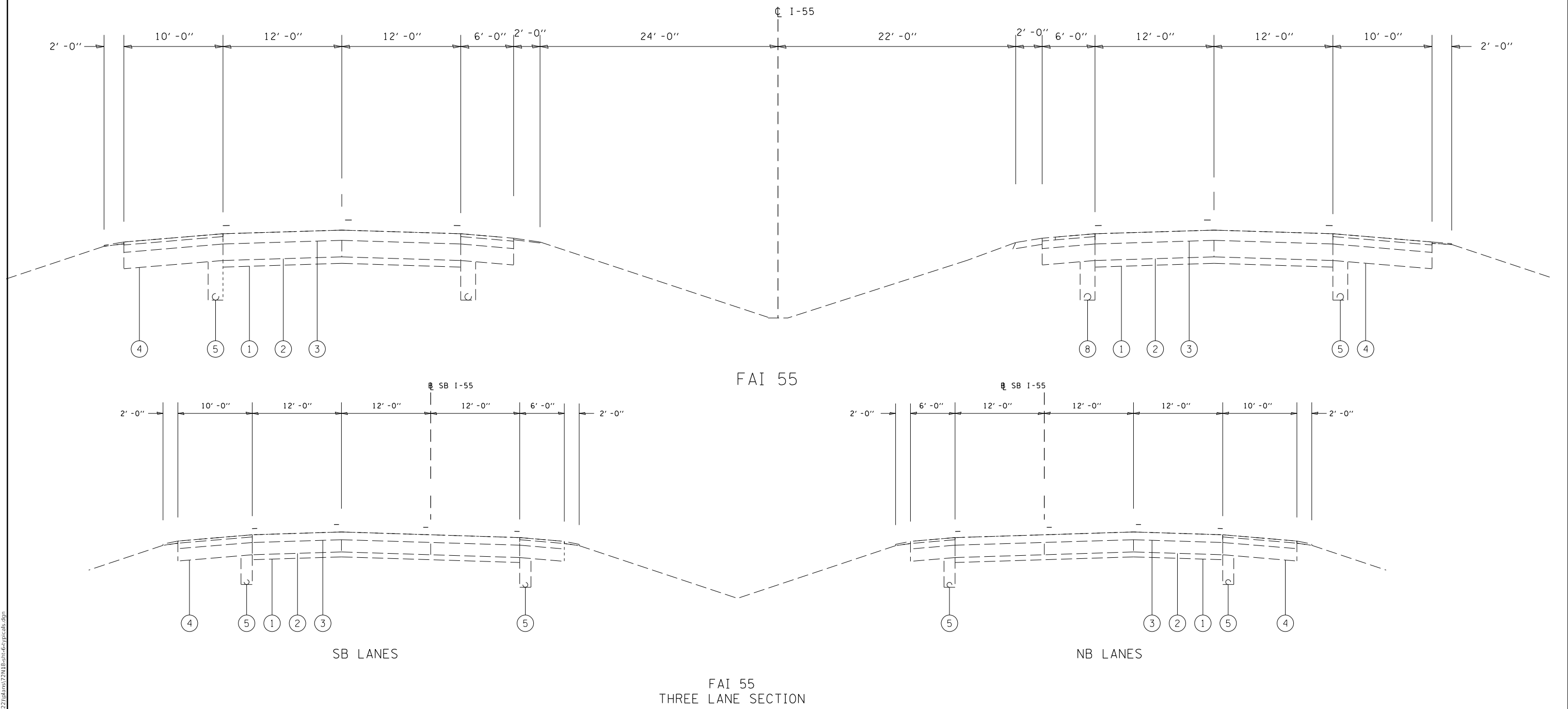
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 PATCHING 2021	SANGAMON	6	5
CONTRACT NO. 72N18			ILLINOIS FED. AID PROJECT	

MODEL: D:\p\h\c\CONTRACT\MAINT_CAD\72N18-FAI_55 (US) - D6 PATCHING 2021 - Sangamon_Cad\121-2022\jobans\72N18-ohr-6r-typicals.dgn
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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 = 10/25/2021	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 2021	SANGAMON	6	6
CONTRACT NO. 72N18				
ILLINOIS FED. AID PROJECT				