

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 PATCHING 2020-1	LOGAN	6	1

ILLINOIS CONTRACT NO. 72M55

FOR INDEX OF SHEETS, SEE SHEET NO. ___

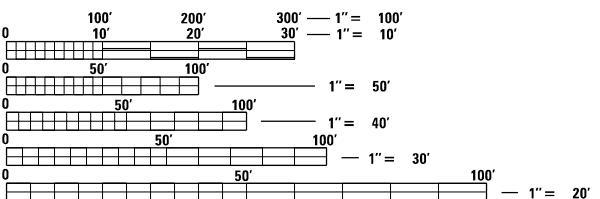
PROPOSED HIGHWAY PLANS

FAI 55 (I-55)
SECTION D6 PATCHING 2020-1
CLASS A AND C PATCHES

LOGAN COUNTY

C-96-022-21

ADT = 16,800 (2020)
SU = 600 (2020)
MU = 4,200 (2020)

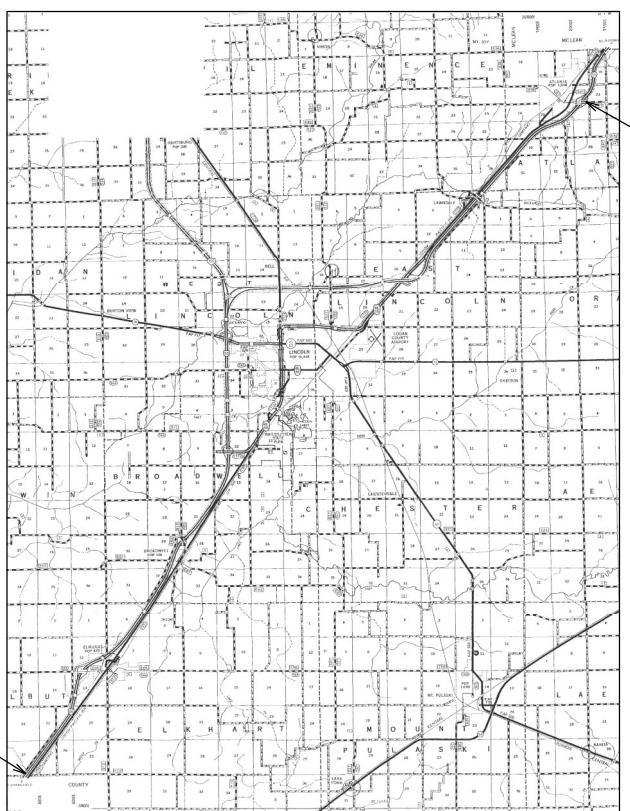


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

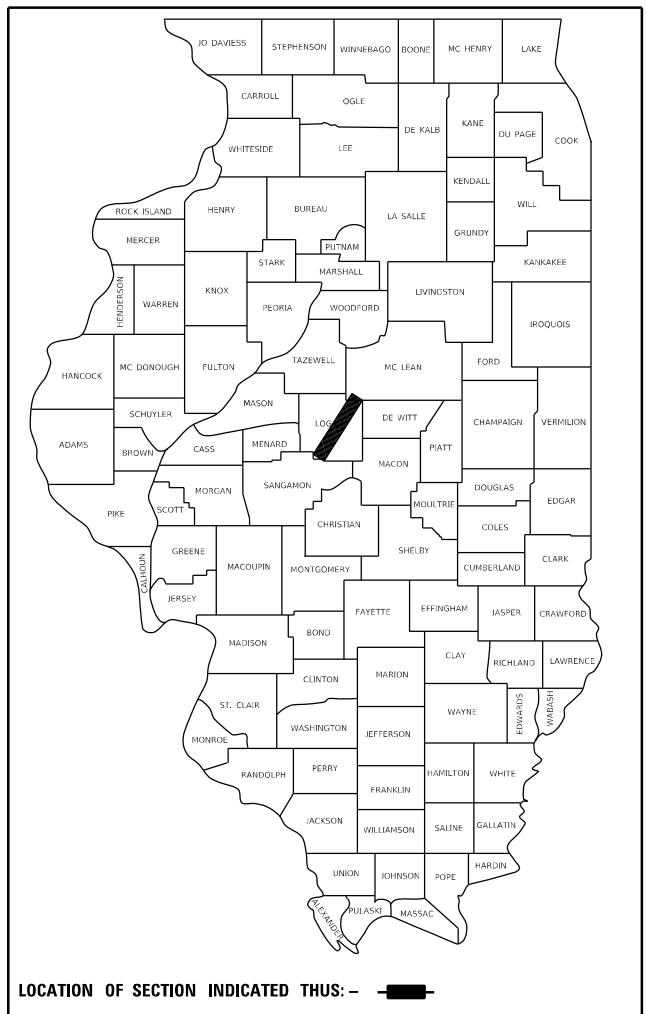
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: MIKE IRWIN
PROJECT MANAGER: TIM SHARP

CONTRACT NO. 72M55



GROSS LENGTH = 152,064.00 FT. = 28.800 MILE
NET LENGTH = 152,064.00 FT. = 28.800 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 2 2020
Jay P. My REGIONAL ENGINEER

January 29, 2021
Sam E. CTC ENGINEER OF DESIGN AND ENVIRONMENT

January 29, 2021
James M. Jirin 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 |
| 442201-03 | CLASS C AND D PATCHES |
| 701101-05 | OFF-RD OPERATIONS, MULTILINE, 15' TO 24" FROM EDGE OF PAVEMENT |
| 701106-02 | OFF-RD OPERATIONS, MULTILINE, MORE THAN 15' AWAY |
| 701400-10 | APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY |
| 701401-12 | LANE CLOSURE, FREEWAY/EXPRESSWAY |
| 701411-09 | LANE CLOSURE, MULTILANE AT ENTRANCE OF EXIT RAMP FOR SPEEDS \geq 45 MPH |
| 701446-11 | TWO LANE CLOSURE, FREEWAY/EXPRESSWAY |
| 701901-08 | TRAFFIC CONTROL DEVICES |

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6		
EXAMINED December 18 20 20  ENGINEER OF OPERATIONS		
EXAMINED December 18 20 20  ENGINEER OF PROJECT IMPLEMENTATION		
EXAMINED December 18 20 20  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

FILE NAME = S:\CONTRMAINT.CAD\72M55 - FAI 55 (I 55)-Logan Co. - D6 Patching 2020-1\plans\72M55-sh	USER NAME = SHARPTD	DESIGNED - DMS	REVISED - _____	DRAWN Nature, notes, CMS standards.dgn	REVISED - _____
PLOT SCALE = 40.0000 ' / in.	CHECKED - _____	REVISED - _____			
PLOT DATE = 12/2/2020	DATE - 5-13-2013	REVISED - _____			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX, STANDARDS, SIGNATURES

SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	F.A.I. RTE. 55	SECTION D6 PATCHING 2020-1	COUNTY LOGAN	TOTAL SHEETS 6	SHEET NO. 2
							ILLINOIS FED. AID PROJECT CONTRACT NO. 72M55

					0-02175-6013
					100% STATE
					LOGAN
CODE NO.	ITEM	UNIT	TOTAL QUANTITY		ROADWAY
					0006
					URBAN
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SQ YD	387.3		387.3
44200612	CLASS A PATCHES, TYPE III, 13 INCH	SQ YD	48		48
44200614	CLASS A PATCHES, TYPE IV, 13 INCH	SQ YD	990		990
44201389	CLASS C PATCHES, TYPE II, 13 INCH	SQ YD	506.7		506.7
44201394	CLASS C PATCHES, TYPE III, 13 INCH	SQ YD	15.6		15.6
44201396	CLASS C PATCHES, TYPE IV, 13 INCH	SQ YD	130		130
44213000	PATCHING REINFORCEMENT	SQ YD	1,038		1,038
44213200	SAW CUTS	FOOT	5,490		5,490
44213204	TIE BARS 3/4"	EACH	502		502
67100100	MOBILIZATION	L SUM	1		1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	9		9
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

MODE: Default

REV. - MS

	USER NAME = SHARPTD	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
	DRAWN - _____	REVISED - _____	55			D6 PATCHING 2020-1	LOGAN	6	3	
	PLOT SCALE = 1.0000 ' / in.	CHECKED - _____	REVISED - _____			CONTRACT NO. 72M55				
	PLOT DATE = 12/2/2020	DATE - _____	REVISED - _____			SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____	TO STA. _____	

MILE	LANE	LENGTH	WIDTH	AREA	CLASS A, 13 INCH			CLASS C, 13 INCH			SAW CUTS	TIE BARS 3/4"	PAVEMENT
					TY II	TY III	TY IV	TY II	TY III	TY IV			FABRIC
MARKER	DL/ML/PL	(FT)	(FT)	(S.Y.)	(S.Y.)	(S.Y.)	(S.Y.)	(S.Y.)	(S.Y.)	(S.Y.)	(FT)	(EA.)	(S.Y.)
I-55 NORTHBOUND - LOGAN COUNTY													
111.1	LOGAN - SANGAMON COUNTY LINE												
113.6	NBML	12	12	16.0	--	16.0	--	--	--	72.0	--	16.0	
113.6	NBPL	12	12	16.0	--	16.0	--	--	--	72.0	--	16.0	
114.1	NBDL	8	6	5.3	5.3	--	--	--	--	40.0	--	--	
114.1	NBDL	8	12	10.7	10.7	--	--	--	--	64.0	--	--	
114.2	NBDL	8	6	5.3	5.3	--	--	--	--	40.0	--	--	
114.4	NBDL	40	6	26.7	--	26.7	--	--	--	104.0	13	26.7	
114.4	NBDL	12	6	8.0	8.0	--	--	--	--	48.0	--	--	
114.5	NBDL	8	6	5.3	5.3	--	--	--	--	40.0	--	--	
114.5	NBDL	8	6	5.3	5.3	--	--	--	--	40.0	--	--	
114.5	NBDL	8	6	5.3	5.3	--	--	--	--	40.0	--	--	
114.6	EXIT 115 (ELKHART) - SN 054-0038												
114.7	NBDL	8	6	5.3	5.3	--	--	--	--	40.0	--	--	
114.7	NBDL	8	1	6	5.3	5.3	--	--	--	40.0	--	--	
114.8	NBDL	8	1	6	5.3	5.3	--	--	--	40.0	--	--	
114.9	NBDL	8	6	5.3	5.3	--	--	--	--	40.0	--	--	
119.5	EXIT 119 (BROADWELL) - SN 054-0039												
122.6	EXIT 123 (BUS LOOP 55) - SN 054-0040												
123.7	STRUCTURE 054-0041												
124.2	STRUCTURE 054-0044												
125.0	COUNTY HIGHWAY 13 OVERHEAD - SN 054-0045												
125.9	EXIT 126 (IL 10) - SN 054-0047												
126.5	STRUCTURE 054-0049												
126.7	NBDL	6	12	8.0	8.0	--	--	--	--	60.0	--	--	
126.8	EXIT 127 (I-155)												
127.1	NBDL	10	12	13.3	--	--	--	13.3	--	--	--	--	
127.2	NBDL	10	12	13.3	--	--	--	13.3	--	--	--	--	
127.6	NBDL	10	12	13.3	--	--	--	13.3	--	--	--	--	
127.7	NBDL	10	12	13.3	--	--	--	13.3	--	--	--	--	
127.8	NBDL	10	1	12	13.3	--	--	13.3	--	--	--	--	
128.6	OLD 121 OVERHEAD - SN 054-0052												
128.9	NBDL	10	12	13.3	--	--	--	13.3	--	--	--	--	
129.5	STRUCTURE 054-0055												
129.7	NBPL	10	12	13.3	--	--	--	13.3	--	--	--	--	
129.9	NBPL	10	12	13.3	--	--	--	13.3	--	--	--	--	
129.9	STRUCTURE 054-0057												
130.1	NBDL	70	12	93.3	--	--	--	--	--	93.3	--	23	--
130.1	STRUCTURE 054-0059												
130.2	NBDL	10	12	13.3	--	--	--	13.3	--	--	--	--	
130.4	NBDL	10	12	13.3	--	--	--	13.3	--	--	--	--	
130.6	NBDL	10	12	13.3	--	--	--	13.3	--	--	--	--	
130.6	NBDL	10	12	13.3	--	--	--	13.3	--	--	--	--	
131.5	NBDL	10	12	13.3	--	--	--	13.3	--	--	--	--	
131.7	NBDL	10	12	13.3	--	--	--	13.3	--	--	--	--	
132.4	EXIT 133 (BUS 55 LINCOLN/LAWNDALE) - SN 054-0061												
132.5	NBPL	10	12	13.3	--	--	--	13.3	--	--	--	--	
132.7	NBDL	10	14	15.6	--	--	--	15.6	--	--	--	--	
133.0	NBDL	10	12	13.3	--	--	--	13.3	--	--	--	--	
133.0	NBPL	10	12	13.3	--	--	--	13.3	--	--	--	--	
NB Patching Total:					80.0	32.0	26.7	226.7	15.6	93.3	820.0	35.3	58.7

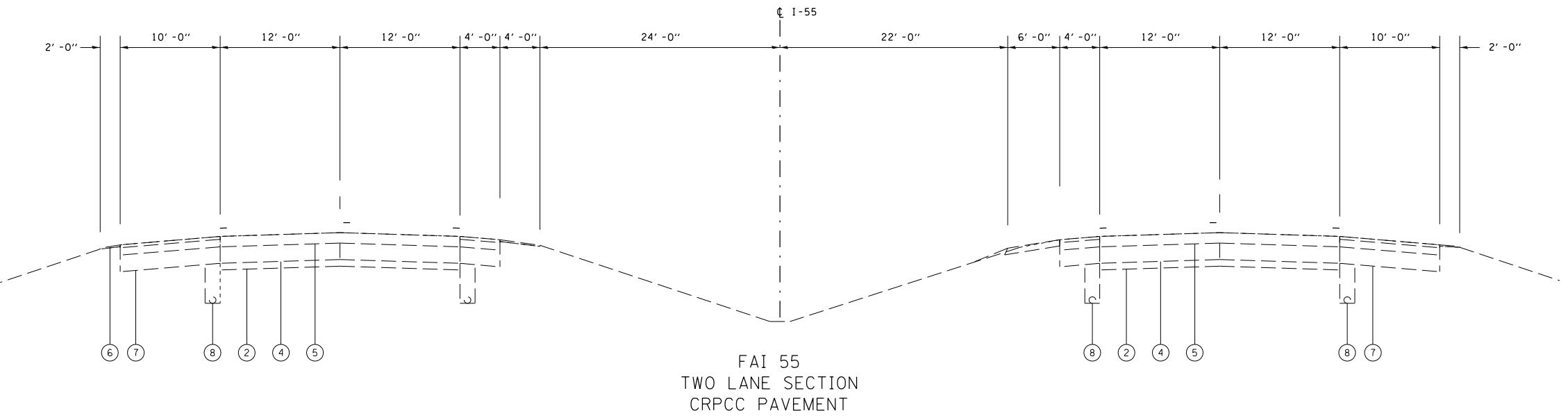
MILE	LANE	LENGTH	WIDTH	AREA	CLASS A, 13 INCH			CLASS C, 13 INCH			SAW CUTS	TIE BARS 3/4"	PAVEMENT
					TY II	TY III	TY IV	TY II	TY III	TY IV			FABRIC
MARKER	DL/ML/PL	(FT)	(FT)	(S.Y.)	(S.Y.)	(S.Y.)	(S.Y.)	(S.Y.)	(S.Y.)	(S.Y.)	(FT)	(EA.)	(S.Y.)
I-55 SOUTHBOUND -- LOGAN COUNTY													
139.9	EXIT 140 - ATLANTA												
137.7	SBDL	10	12	13.3	--	--	--	13.3	--	--	--	--	--
137.7	S												



USER NAME = SHARPTD	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP			
DRAWN - _____	REVISED - _____			F.A.I.	SECTION	COUNTY	TOTAL SHEETS
PLOT SCALE = 1.0000 ' / in.	CHECKED - _____	REVISED - _____		55	D6 PATCHING 2020-1	LOGAN	6
PLOT DATE = 12/2/2020	DATE - _____	REVISED - _____					5

SCALE: _____	SHEET _____	OF _____ SHEETS	STA. _____	TO STA. _____	F.A.I. RTE. 55	SECTION D6 PATCHING 2020-1	COUNTY LOGAN	TOTAL SHEETS 6	SHEET NO. 5
									CONTRACT NO. 72M55

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 AGGREGATE SHOULDER
- (7) EX HOT-MIX ASPHALT SHOULDER
- (8) EX PIPE UNDERDRAIN

FILE NAME = S:\CONTRMAINT.CAD\72M55 - FAI 55 (I 55)-Logan Co. - D6 Patching 2020-1\plans\72M55-sh	USER NAME = SHARPTD	DESIGNED - _____	REVISED - _____
t.DRAWD.bals.dgn		REVISED - _____	
PLOT SCALE = 60.0000 ' / in.	CHECKED - _____	REVISED - _____	
PLOT DATE = 12/2/2020	DATE - _____	REVISED - _____	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICALS

F.A.I. RTE..	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 PATCHING 2020-1	LOGAN	6	6
			CONTRACT NO.	72M55

ILLINOIS FED. AID PROJECT