

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 PATCHING 2017-4	MONT/SANG	6	1
		ILLINOIS	CONTRACT NO. 72J26	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED IMPROVEMENTS

FAI 55 (I 55)
D6 PATCHING 2017-4
PATCHING

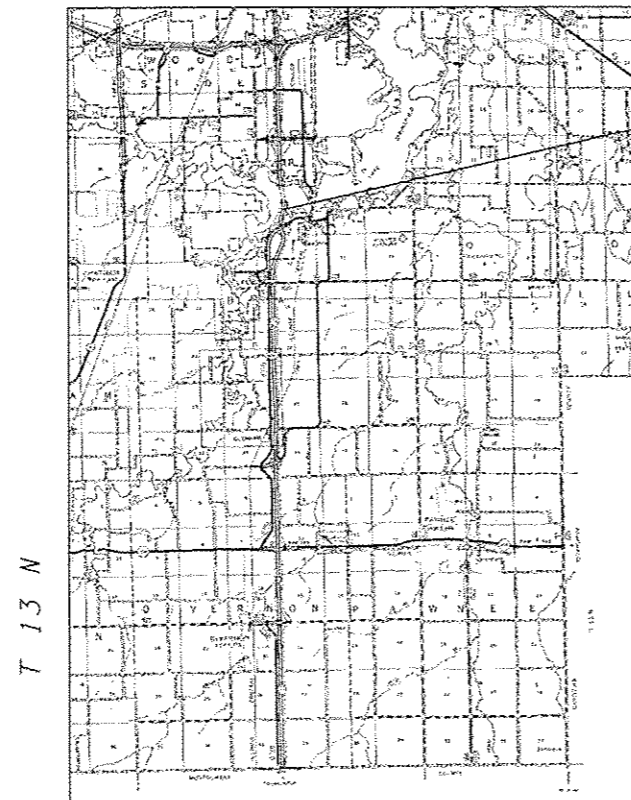
MONT/SANG. CO

C-96-064-16

MONTGOMERY COUNTY

R 5 W

R 5 W

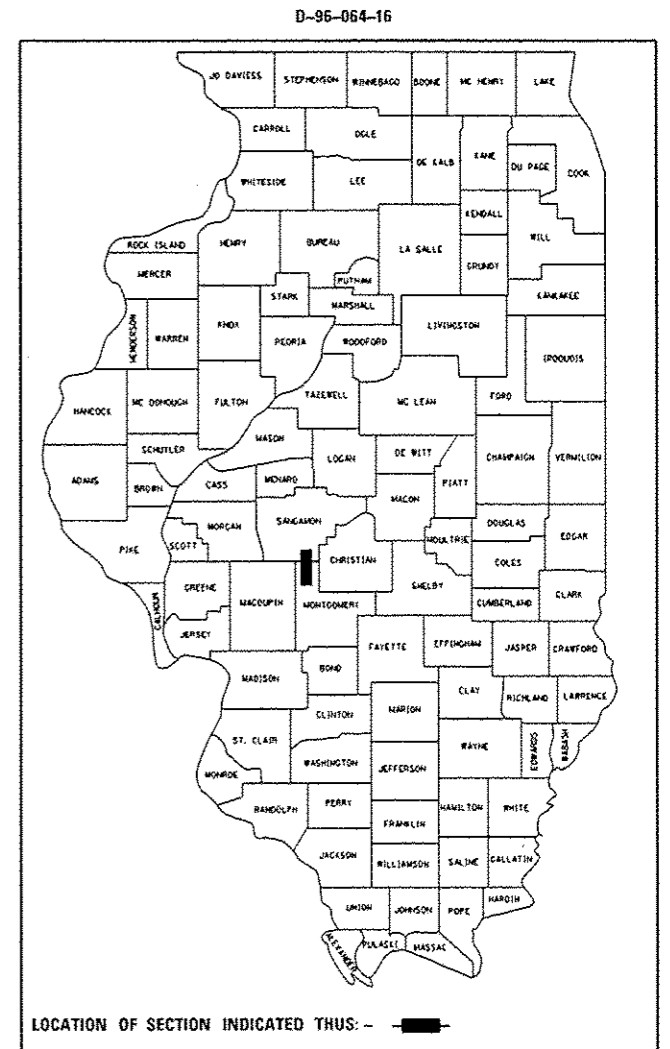
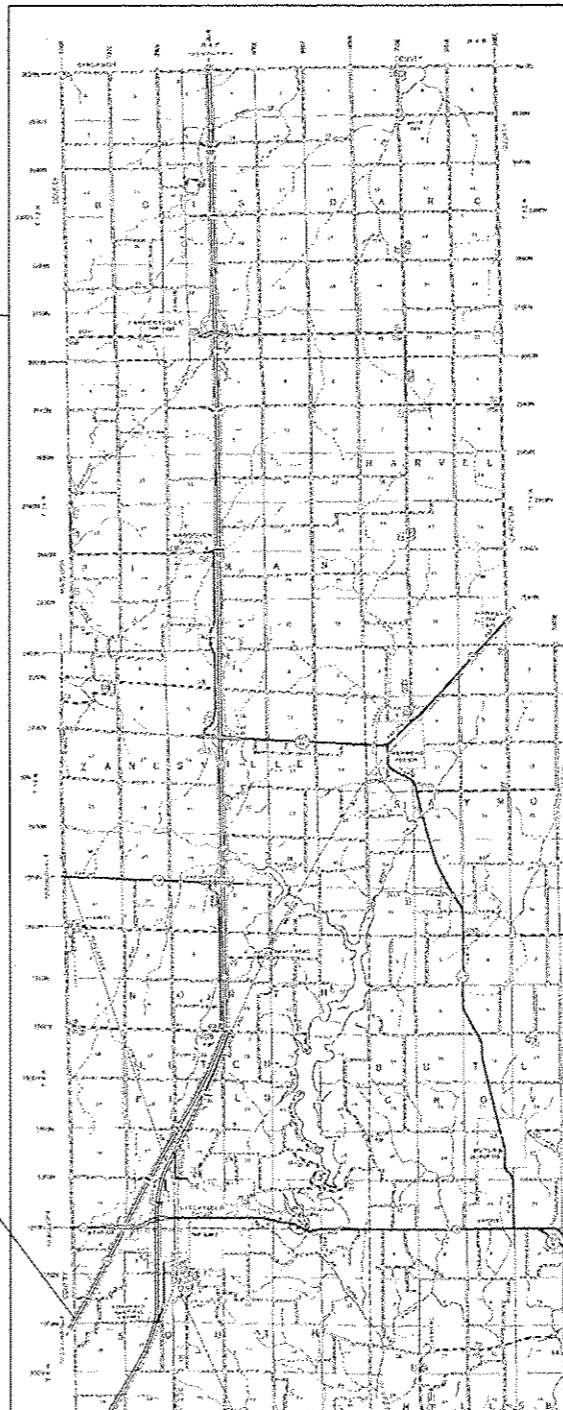


END PROJECT



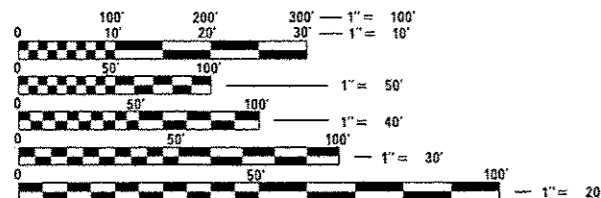
SANGAMON COUNTY

BEGIN PROJECT



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

ADT = 22,400
SU = 2,100
MU = 4,200



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 EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER : MIKE IRWIN - (217)524-7765
PROJECT MANAGER : TIM SHARP - (217)524-9160

CONTRACT NO. 72J26

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 27 2016
[Signature]
REGION FOUR ENGINEER

July 1 2016
Maureen M. Addis, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

July 1 2016
Cher Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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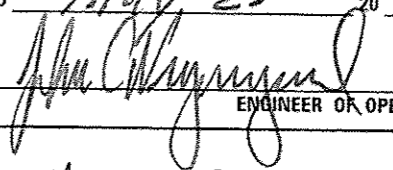


INDEX OF SHEETS

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
701400-08	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-10	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-09	LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP FOR SPEEDS > 45 MPH
701446-07	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701456-03	PARTIAL EXIT RAMP CLOSURE, FREEWAY/EXPRESSWAY
701901-05	TRAFFIC CONTROL DEVICES

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6**

EXAMINED <u>May 23rd</u> 20 <u>16</u>  ENGINEER OF OPERATIONS
EXAMINED <u>May 19</u> 20 <u>16</u>  ENGINEER OF PROJECT IMPLEMENTATION
EXAMINED <u>May 19</u> 20 <u>16</u>  ENGINEER OF PROGRAM DEVELOPMENT

MIXTURE REQUIREMENTS		
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT		
LOCATION:	SHOULDER REPAIR	STRUCTURE REPAIR
MIXTURE USE(S):	LOWER LIFT	TOP LIFT
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"

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0-01623-6004	0-01623-6004
				100% STATE	100% STATE
				MONTGOMERY	SANGAMON
				ROADWAY	ROADWAY
				0005	0005
				RURAL	RURAL
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SQ YD	304	200	104
44200612	CLASS A PATCHES, TYPE III, 13 INCH	SQ YD	36	16	20
44200614	CLASS A PATCHES, TYPE IV, 13 INCH	SQ YD	386.7	106.7	280
44213000	PATCHING REINFORCEMENT	SQ YD	726.7	322.7	404
44213200	SAW CUTS	FOOT	3,394	1,828	1,566
44213204	TIE BARS 3/4"	EACH	135	36	99
67100100	MOBILIZATION	L SUM	1.0	0.5	0.5
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2	1	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1.0	0.5	0.5
70100815	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	L SUM	1.0	0.5	0.5
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1.0	0.5	0.5
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30.0	15.0	15.0
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2.0	1.0	1.0
X4820110	HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)	SQ YD	100.0	50.0	50.0
X7010410	SPEED DISPLAY TRAILER	CAL MO	0.5	0.25	0.25

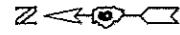
FILE NAME * S:\CONTRACTS\CAD\72J26 - I-55 - CLASS	USER NAME * shorptd	DESIGNED - OPR/AMR/shorptd	REVISED - REVISED -
PATCHING - MONTGOMERY-SANGAMON CD/PLANS	OPR/AMR/shorptd	CHECKED -	REVISED -
PLOT SCALE * 40.0000 1/4"	DATE -	CHECKED -	REVISED -
PLOT DATE : 5/23/2016	DATE -	CHECKED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

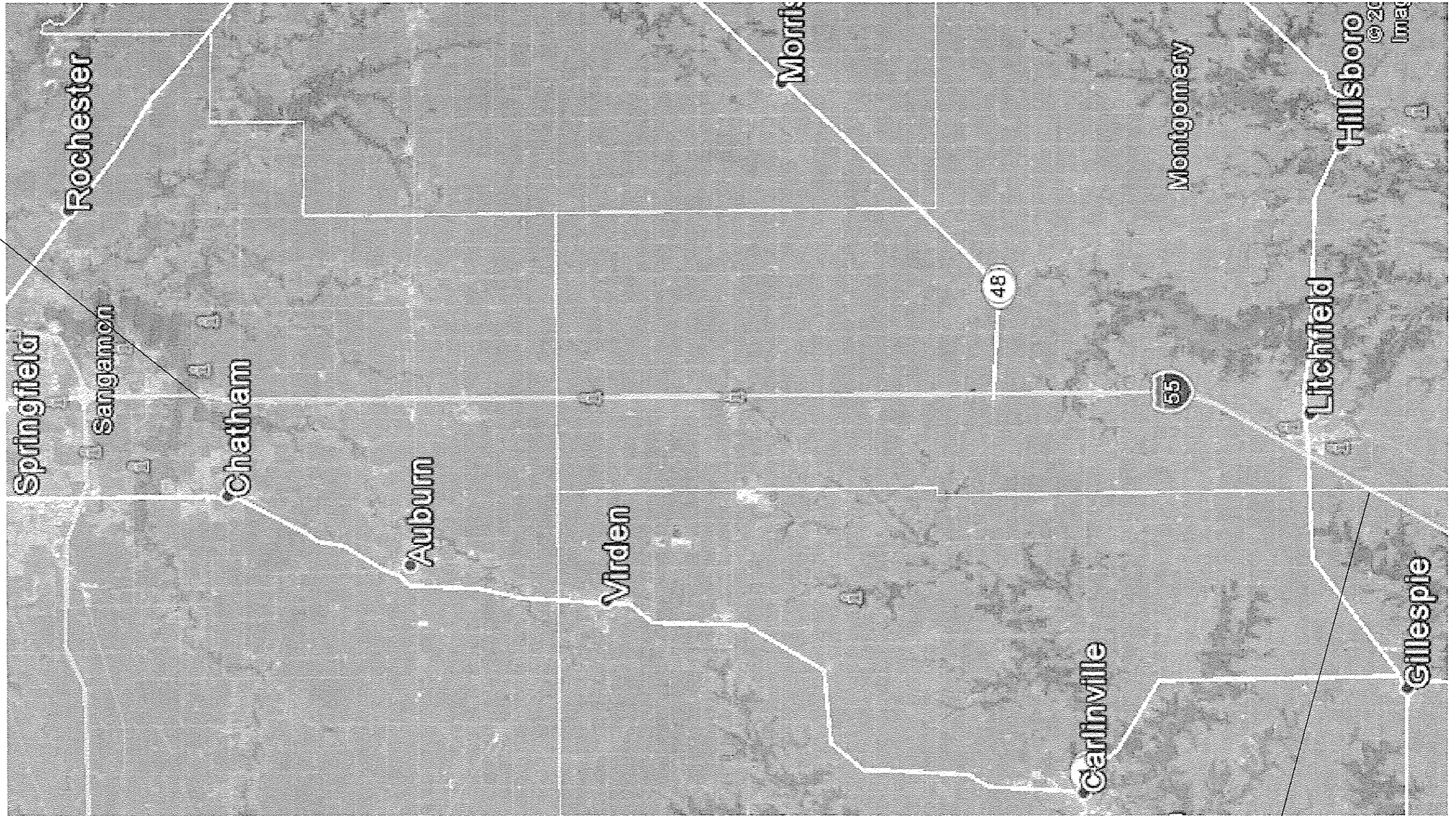
SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	06 PATCHING 2017-4	MONT/SANG	6	3
CONTRACT NO. 72J26			ILLINOIS FED. AID PROJECT	



END PROJECT



BEGIN PROJECT

FILE NAME *	USER NAME * shorptd	DESIGNED -	REVISED -
S:\CONTRMINT.CAD\72J26 - 1-55 - CLASS	* PATCHING - MONTGOMERY-SANGAMON CO\PLANS	DBF\BEN\shorptd\plans.dgn	REVISED -
Default	PLOT SCALE * 40.0000" / in.	CHECKED -	REVISED -
	PLOT DATE = 5/18/2015	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 2017-4	MONT./SANG	6	4
CONTRACT NO. 72J26			[ILLINOIS] FED. AID PROJECT	

						CLASS A, 13 INCH			SAW CUTS	TIE BARS 3/4"	PATCH
						TY II	TY III	TY IV			REINF.
MILE	LANE	LENGTH	WIDTH	AREA		(S.Y.)	(S.Y.)	(S.Y.)	44213200	44213204	(S.Y.)
MARKER	DL/ML/PL	(FT)	(FT)	(S.Y.)		(S.Y.)	(S.Y.)	(S.Y.)	(FT)	(EA.)	(S.Y.)
I-55 NORTHBOUND - MONTGOMERY COUNTY											
50.4	MACOUPIN/MONTGOMERY COUNTY LINE										
50.5	AIRPORT TRAIL OVERHEAD										
52.4	IL 16 OVERHEAD (LITCHFIELD EXIT)										
53.3	DL	20	12	26.7	--	--	26.7	88.0	9.0	26.7	
53.3	PL	20	12	26.7	--	--	26.7	88.0	9.0	26.7	
53.6	13TH AVENUE OVERHEAD										
53.8	PL	20	12	26.7	--	--	26.7	88.0	9.0	26.7	
54.2	STRUCTURE 068-0048										
54.4	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
54.4	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
54.8	E. 2ND ROAD OVERHEAD										
55.7	STRUCTURE 068-0045										
56.1	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
57.1	16TH AVENUE OVERHEAD										
57.2	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
57.2	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
57.2	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
57.3	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
58.9	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
59.4	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
60.1	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
60.2	IL 108 OVERHEAD (CARLINVILLE EXIT)										
60.2	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
60.4	DL	10	12	13.3	13.3	--	--	68.0	--	13.3	
60.4	DL	10	12	13.3	13.3	--	--	68.0	--	13.3	
60.8	DL	12	12	16.0	--	16.0	--	72.0	--	16.0	
60.8	DL	10	12	13.3	13.3	--	--	68.0	--	13.3	
60.8	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
62.6	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
62.6	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
63.3	IL 48 OVERHEAD (RAYMOND EXIT)										
64.1	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
64.2	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
64.7	DL	20	12	26.7	--	--	26.7	88.0	9.0	26.7	
64.7	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
65.0	REST AREA										
65.0	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
65.5	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
67.1	COUNTY HIGHWAY 16 OVERHEAD (WAGONER AVE)										
69.9	DL	6	12	8.0	--	--	--	60.0	--	8.0	
70.0	MORRISONVILLE AVENUE OVERHEAD										
71.7	COUNTY HIGHWAY 17 OVERHEAD (FARMERSVILLE EXIT)										
74.1	33RD AVENUE OVERHEAD										
75.6	VIRDEN AVENUE OVERHEAD										
77.1	SANGAMON/MONTGOMERY COUNTY LINE										
MONTGOMERY COUNTY TOTALS:						200.0	16.0	106.7	1828.0	36.0	322.7
I-55 NORTHBOUND - SANGAMON COUNTY											
77.1	SANGAMON/MONTGOMERY COUNTY LINE										
77.1	DL	30	12	40.0	--	--	40.0	108.0	14.0	40.0	
80.2	DIVERNON OVERHEAD										
81.2	PL	6	12	8.0	8.0	--	--	60.0	--	8.0	
81.7	STRUCTURE 084-0110 (OVER IL 104)										
82.0	BEGIN 3 LANES										
82.1	ML	6	12	8.0	8.0	--	--	60.0	--	8.0	
82.2	ML	6	12	8.0	8.0	--	--	60.0	--	8.0	
82.3	ML	6	12	8.0	8.0	--	--	60.0	--	8.0	
82.5	STRUCTURE 084-0107										
82.7	ML	6	12	8.0	8.0	--	--	60.0	--	8.0	
82.8	ML	6	12	8.0	8.0	--	--	60.0	--	8.0	
82.8	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
82.9	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
83.0	DL	15	12	20.0	--	20.0	--	78.0	--	20.0	
83.2	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
83.2	ML	6	12	8.0	8.0	--	--	60.0	--	8.0	
83.5	OLD ROUTE 66 OVERHEAD (GLENARM EXIT)										
83.8	ML	6	12	8.0	8.0	--	--	60.0	--	8.0	
84.5	STRUCTURE 084-0113										
84.6	DL	40	12	53.3	--	--	53.3	128.0	19.0	53.3	
84.8	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
85.7	PULLIAM ROAD OVERHEAD										
87.0	DL	6	12	8.0	8.0	--	--	60.0	--	8.0	
87.3	NEW CITY ROAD OVERHEAD										
88.4	DL	40	12	53.3	--	--	53.3	128.0	19.0	53.3	
88.5	EAST LAKE DRIVE OVERHEAD (CHATHAM EXIT)										
88.7	DL	30	12	40.0	--	--	40.0	108.0	14.0	40.0	
88.7	ML	50	12	66.7	--	--	66.7	148.0	24.0	66.7	
88.7	ML	20	12	26.7	--	--	26.7	88.0	9.0	26.7	
89.2	LAKE SPRINGFIELD BRIDGE										
SANGAMON COUNTY TOTALS:						104.0	20.0	280.0	1566.0	99.0	404.0
TOTALS:						304.0	36.0	386.7	3394.0	135.0	726.7

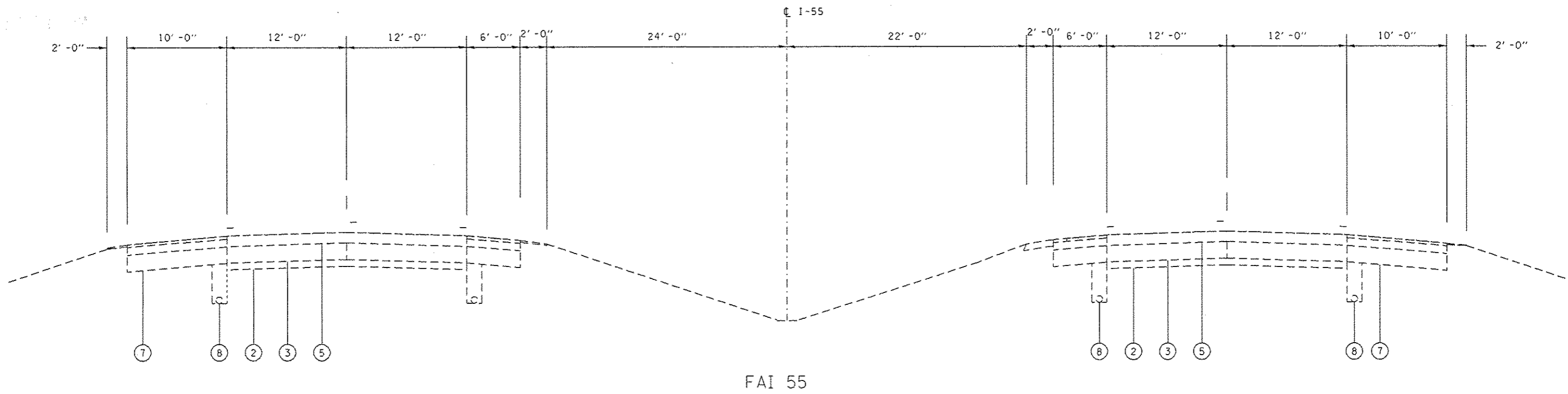
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Default	PLT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLT DATE = 5/23/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
178572	06 PATCHING 2017-4	MDNT/SANG	6	5
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 72J26				



LEGEND

- ① EX STABILIZED SUB-BASE 4"
- ② EX AGGREGATE SUB-BASE 4"
- ③ EX PCC PAVEMENT 9"
- ④ EX CRPCC PAVEMENT 8"
- 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 *	USER NAME * shergtd	DESIGNED -	REVISED -
S:\CONTRMAINT_CAD\72J26 - 1-55 - CLASS	PATCHING - MONTGOMERY-SANGAMON CD\PLANS	DDRAWING-sh1-6-typical.dgn	REVISED -
Default	PLOT SCALE = 80.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 5/23/2016	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 2017-4	MONT/SANG	6	6
ILLINOIS FED. AID PROJECT				