

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 PATCH SANG. CO. 2014	SANGAMON	6	1
ILLINOIS			72630	

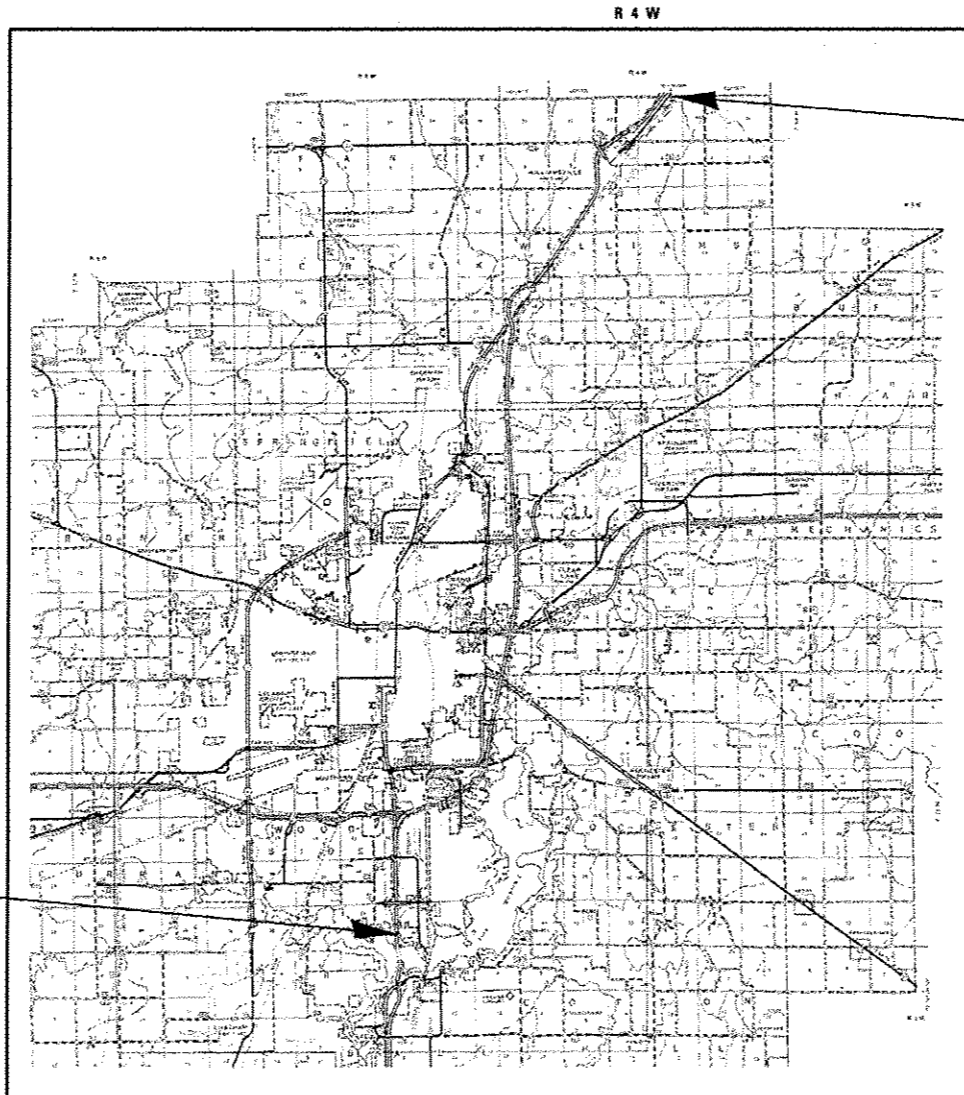
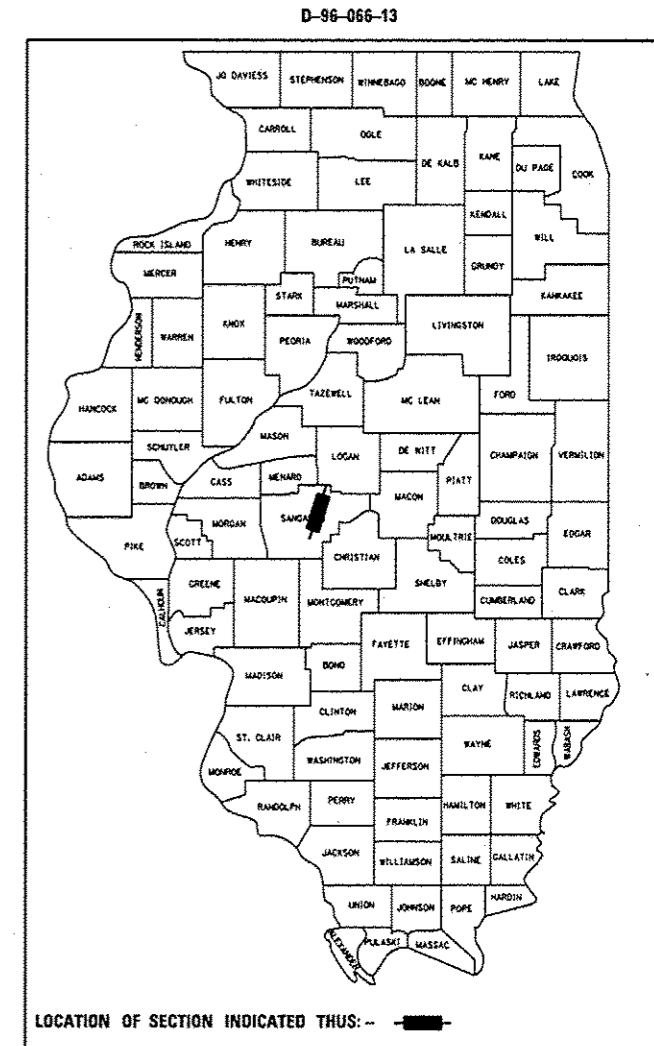
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
CONTRACT MAINTENANCE**

FAI 55 (I-55)
SECTION D6 PATCHING SANG. CO. 2014
PROJECT PAVEMENT PATCHING
TYPE of IMPROVEMENT
SANGAMON COUNTY

C-96-066-13

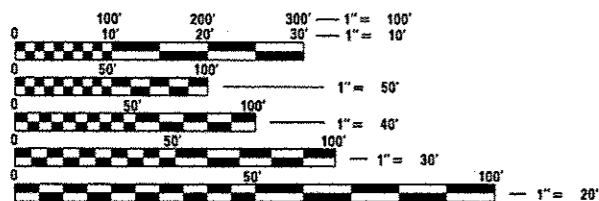
FOR INDEX OF SHEETS, SEE SHEET NO. 2



END PROJECT



ADT: 27,400 (2011)
HCV: 5,000
SU: 700
MU: 4,300



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 EXCAVATION
1-800-892-0123
OR 811

PLAN AND CONTRACT TECHNICIAN
TIMOTHY SHARP (217) 782-7743
DAVE SHAH N/A
CONTRACT NO. 72G30

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 29 2013
Rep. Z. Smith
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 4 2013
John P. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

October 4 2013
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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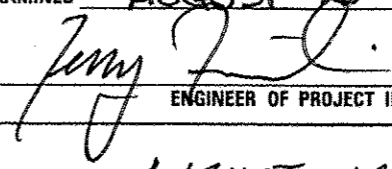
SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	INDEX, STANDARDS, SIGNATURES
3.	SUMMARY OF QUANTITIES
4.	SCHEDULES
5.	LOCATION MAP
6.	TYPICAL SECTIONS


STANDARDS

STANDARD NO.	DESCRIPTION
442001-04	CLASS A PATCHES
442101-07	CLASS B PATCHES
701101-03	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-06	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-07	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIP RAMP, FOR SPEEDS >45 MPH
701446-04	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701901-02	TRAFFIC CONTROL DEVICES

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

EXAMINED 8/28 20 13

 ENGINEER OF OPERATIONS

EXAMINED AUGUST 16 20 13

 ENGINEER OF PROJECT IMPLEMENTATION

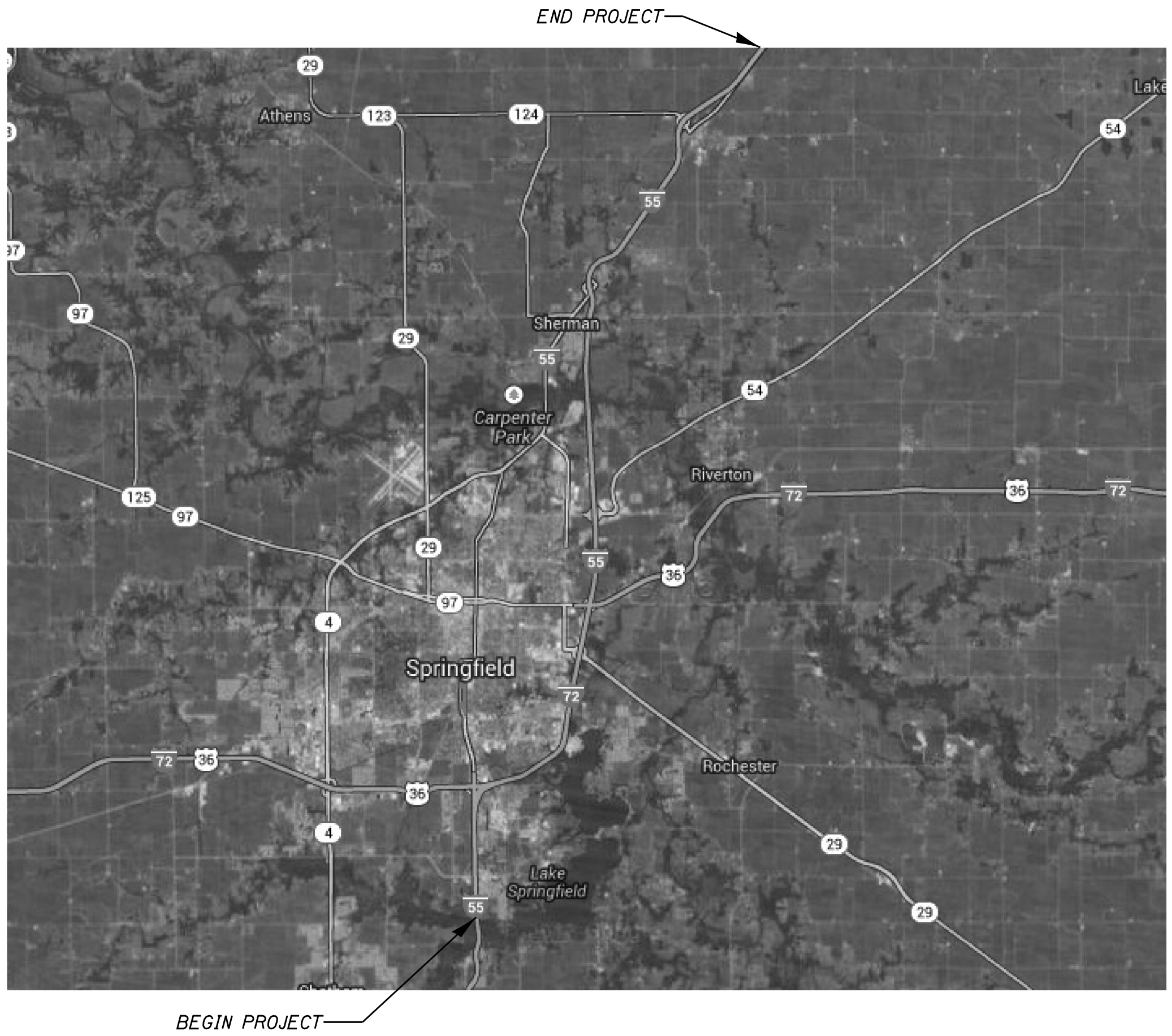
EXAMINED AUGUST 16 20 13

 ENGINEER OF PROGRAM DEVELOPMENT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE
				ROADWAY
				0005
				S. N.
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SQ YD	34.7	34.7
44200614	CLASS A PATCHES, TYPE IV, 13 INCH	SQ YD	33.3	33.3
44201043	CLASS B PATCHES, TYPE II, 16 INCH	SQ YD	386.7	386.7
44201047	CLASS B PATCHES, TYPE III, 16 INCH	SQ YD	80	80
44201048	CLASS B PATCHES, TYPE IV, 16 INCH	SQ YD	26.7	26.7
44201299	DOWEL BARS 1 1/2"	EACH	777	777
44213000	PATCHING REINFORCEMENT	SQ YD	68	68
44213200	SAW CUTS	FOOT	2,402	2,402
44213204	TIE BARS 3/4"	EACH	13	13
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	10	10
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1
70100815	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	L SUM	1	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2	2
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1
X4820110	HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)	SQ YD	150	150

PATCHING SCHEDULE																				
LOCATION	CLASS A PATCHES				CLASS B PATCHES				CLASS A PATCHES			CLASS B PATCHES			SAW	TIE	DOWEL	PATCH		
	LENGTH (FT)			WIDTH	SQ YD	LENGTH (FT)			WIDTH	SQ YD	13 IN	13 IN	13 IN	16 IN	16 IN	16 IN	CUTS	BARS	BARS	REINF
	PASS.	CENT.	DRIV.		PASS.	CENT.	DRIV.			TY II	TY III	TY IV	TY II	TY III	TY IV	FOOT	EACH	EACH	SQ YD	
NORTHBOUND I-55 STA 144+567		10.0		12.0	13.3								13.3			68.0			13.3	
STA 10+54						8.0		12.0	10.7				10.7			52.0		20	0.0	
STA 10+54							8.0	12.0	10.7				10.7			52.0		20	0.0	
STA 10+92					10.0			12.0	13.3				13.3			56.0		20	0.0	
STA 11+34						10.0		12.0	13.3				13.3			56.0		20	0.0	
STA 12+05							20.0	12.0	26.7						26.7	76.0		20	0.0	
STA 23+98					8.0			12.0	10.7				10.7			52.0		20	0.0	
STA 23+98						8.0		12.0	10.7				10.7			52.0		20	0.0	
STA 128+98					10.0			12.0	13.3				13.3			56.0		20	0.0	
STA 128+98							10.0	12.0	13.3				13.3			56.0		20	0.0	
STA 190+90							8.0	12.0	10.7				10.7			52.0		20	0.0	
STA 202+50							6.0	12.0	8.0				8.0			48.0		20	0.0	
STA 312+62					8.0			12.0	10.7				10.7			52.0		20	0.0	
STA 312+62							8.0	12.0	10.7				10.7			52.0		20	0.0	
STA 344+69					15.0			12.0	20.0						20.0	66.0		20	0.0	
STA 344+69							15.0	12.0	20.0					20.0	66.0		20	0.0		
STA 348+94							10.0	12.0	13.3				13.3			56.0		20	0.0	
STA 354+71							8.0	12.0	10.7				10.7			52.0		20	0.0	
N.B. TOTALS					13.3					226.7	13.3	0.0	0.0	160.1	40.0	26.7	1020.0	0	340	13.3

LOCATION	CLASS A PATCHES				CLASS B PATCHES				CLASS A PATCHES			CLASS B PATCHES			SAW	TIE	DOWEL	PATCH		
	LENGTH (FT)			WIDTH	SQ YD	LENGTH (FT)			WIDTH	SQ YD	13 IN	13 IN	13 IN	16 IN	16 IN	16 IN	CUTS	BARS	BARS	REINF
	PASS.	CENT.	DRIV.		PASS.	CENT.	DRIV.			TY II	TY III	TY IV	TY II	TY III	TY IV	FOOT	EACH	EACH	SQ YD	
STA 354+31					15.0			12.0	20.0						20.0	66.0		20	0.0	
STA 354+31							15.0	12.0	20.0						20.0	66.0		20	0.0	
STA 321+00					10.0			12.0	13.3				13.3			56.0		20	0.0	
STA 321+00							10.0	12.0	13.3				13.3			56.0		20	0.0	
STA 306+98							8.0	12.0	10.7				10.7			52.0		20	0.0	
STA 300+00							8.0	12.0	10.7				10.7			52.0		20	0.0	
STA 298+93					10.0			12.0	13.3				13.3			56.0		20	0.0	
STA 298+83							10.0	12.0	13.3				13.3			56.0		20	0.0	
STA 192+00							10.0	12.0	13.3				13.3			56.0		20	0.0	
STA 127+92							10.0	12.0	13.3				13.3			56.0		20	0.0	
STA 115+00					6.0			12.0	8.0				8.0			48.0		20	0.0	
STA 115+00							6.0	12.0	8.0				8.0			48.0		20	0.0	
STA 111+57							6.0	12.0	8.0				8.0			48.0		20	0.0	
STA 100+00							10.0	12.0	13.3				13.3			56.0		20	0.0	
STA 97+06					10.0			12.0	13.3				13.3			56.0		20	0.0	
STA 97+06							10.0	12.0	13.3				13.3			56.0		20	0.0	
STA 26+00					10.0			12.0	13.3				13.3			56.0		20	0.0	
STA 26+00							10.0	12.0	13.3				13.3			56.0		20	0.0	
STA 25+50					10.0			12.0	13.3				13.3			56.0		20	0.0	
STA 25+50							10.0	12.0	13.3				13.3			56.0		20	0.0	
STA 19+52					6.0			12.0	8.0				8.0			48.0		20	0.0	
STA 144+667		25.0		12.0	33.3							33.3				98.0	13	17	33.3	
STA 144+400		8.0		12.0	10.7					10.7						64.0			10.7	
STA 144+400			8.0	12.0	10.7					10.7						64.0			10.7	
S.B. TOTALS					54.7					266.7	21.4	0.0	33.3	226.3	40.0	0.0	1382.0	13.0	437.0	54.7
TOTALS					68.0					493.3	34.7	0.0	33.3	386.4	80.0	26.7	2402.0	13.0	777.0	68.0

MIXTURE REQUIREMENTS		
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT		
MIXTURE USE(S)	H.M.A. SHOULDER REM & REPL SURF	H.M.A. SHOULDER REM & REPL LOWER LIFTS
AC/PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50
MIXTURE COMP	IL 9.5	IL 19.0
FRICITION AGG	MIX "C"	N/A

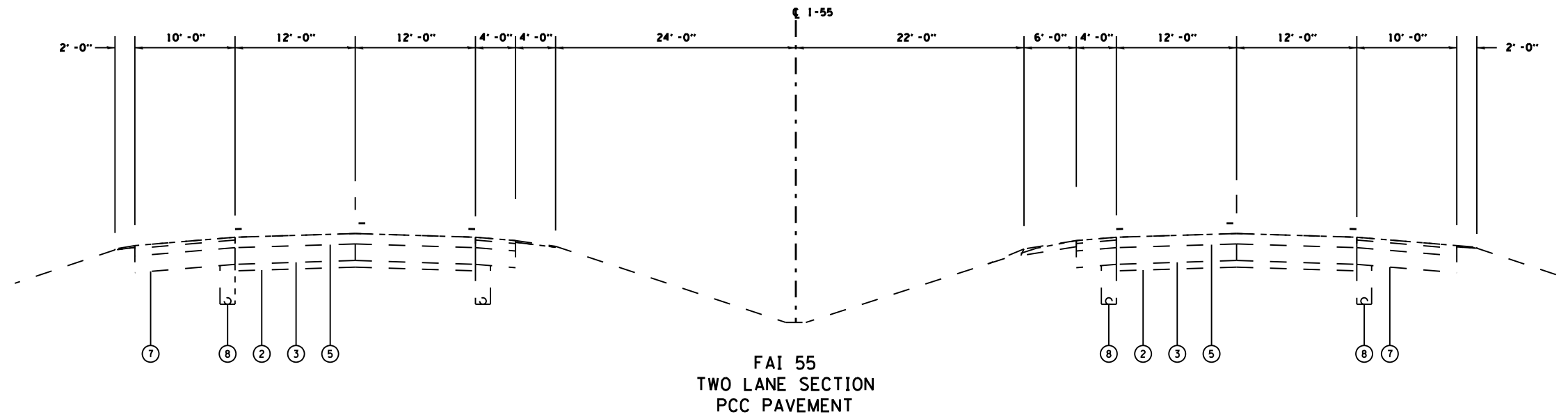


END PROJECT

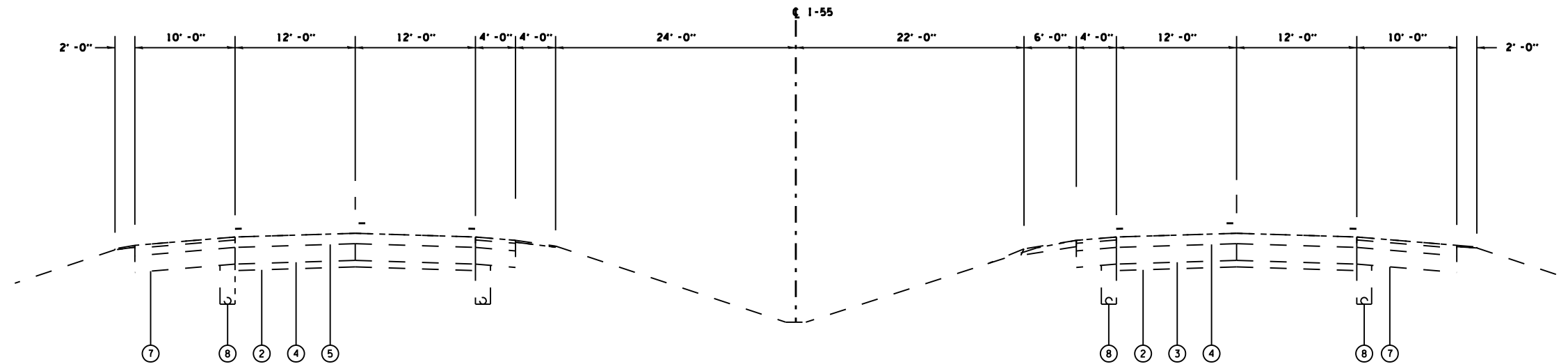


BEGIN PROJECT

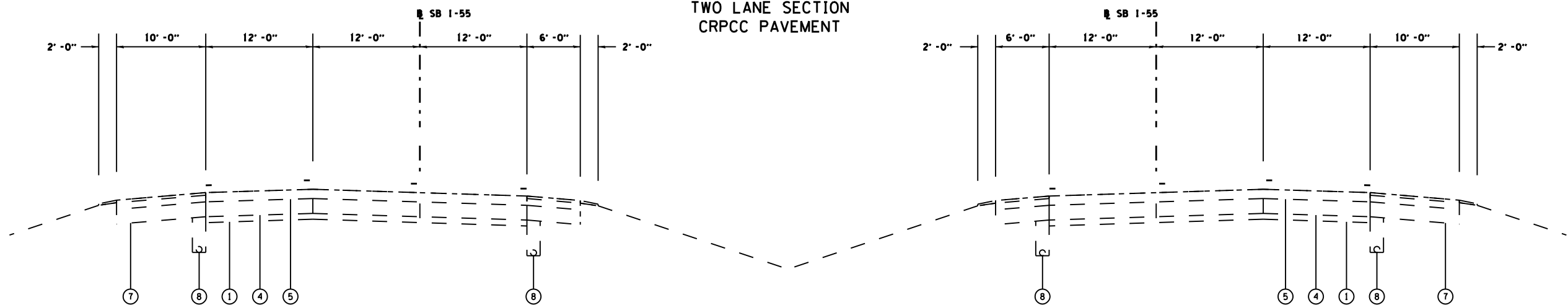
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		DRAWN - DMS	REVISED - _____		SCALE: _____	SHEET _____	OF _____	SHEETS	STA. _____	TO STA. _____	55	D6 PATCH SANG. CO. 2014	SANGAMON	6	5
#MODELNAME*		CHECKED - _____	REVISED - _____									CONTRACT NO. 72G30			
		DATE - 5-21-2013	REVISED - _____									ILLINOIS FED. AID PROJECT			



FAI 55
TWO LANE SECTION
PCC PAVEMENT



FAI 55
TWO LANE SECTION
CRPCC PAVEMENT



FAI 55
THREE LANE SECTION

SB LANES

NB LANES

STA 80+88 TO 83+88

STA 80+88 TO 83+88

LEGEND

- ① EX STABILIZED SUB-BASE 4"
- ② EX AGGREGATE SUB-BASE 4"
- ③ EX PCC PAVEMENT 10"
- ④ EX CRPCC PAVEMENT
- ⑤ EX HOT-MIX ASPHALT SURFACE COURSE (VARIABLE THICKNESS)
- ⑥ EX AGGREGATE SHOULDERS
- ⑦ EX HOT-MIX ASPHALT SHOULDERS
- ⑧ EX PIPE UNDERDRAIN

FILE NAME :	USER NAME : *USER*	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICALS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILE#		DRAWN - _____	REVISED - _____					55	D6 PATCH SANG. CO. 2014	SANGAMON	6	6
MODELNAME		CHECKED - _____	REVISED - _____		SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____			CONTRACT NO. 72G30				
		DATE - _____	REVISED - _____		ILLINOIS FED. AID PROJECT							