

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(84-9-3) I	SANGAMON	6	1
		ILLINOIS	CONTRACT: 72M59	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
CONTRACT MAINTENANCE**

FAI 72 (I 72)
SECTION (84-9-3) I
PROJECT STATE
LONGITUDINAL JOINT REPAIR
SANGAMON COUNTY

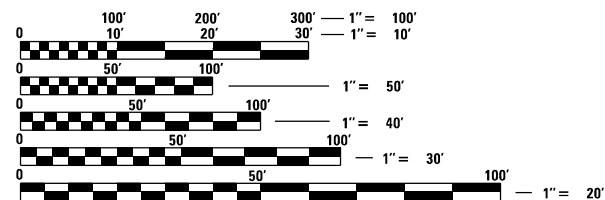
C-96-025-21

FOR INDEX OF SHEETS, SEE SHEET NO. 2

D-96-012-21



ADT: 17,500 (2019)
SU: 475
MU: 1,800

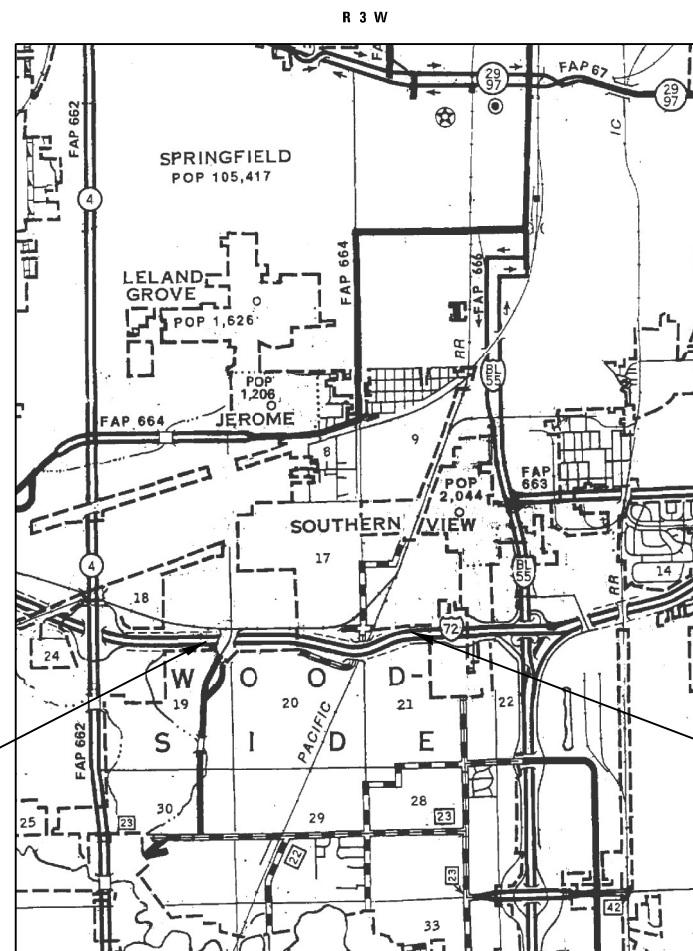


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 72M59



BEGIN PROJECT
STA. 554 + 00.00

END PROJECT
STA. 627 + 00.00

GROSS LENGTH: 7,477.19 FT = 1.416 MI
NET LENGTH: 7,477.19 FT = 1.416 MI

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 22 2020

Julie P. Meyer
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 4, 2020
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

December 4, 2020
James M. Jones
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION




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OF THE STATE OF ILLINOIS**

INDEX

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

STANDARDS

STANDARD NO.	DESCRIPTION
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, 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 OR EXIT RAMP, FOR SPEEDS >45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >45 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APP RAISED REFLECTIVE PAVEMENT MARKERS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6	
EXAMINED	October 23 20 20
 ENGINEER OF OPERATIONS	
EXAMINED	October 23 20 20
 ENGINEER OF PROJECT IMPLEMENTATION	
EXAMINED	October 23 20 20
 ENGINEER OF PROGRAM DEVELOPMENT	

REV. - MS

FILE NAME =	USER NAME = SHARPTD	DESIGNED - DMS	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX, STANDARDS, SIGNATURES	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\CONTRMAINT_CAD\72M59 - FAI 72 (1 72)	Sangamon Co. - CENTERLINE JOINT\PLANS\72M59	DRAWN - DMS	REVISED - _____			72	(84-9-3) I	SANGAMON	6	2	
Default	PLOT SCALE = 40.0000' / in.	CHECKED - _____	REVISED - _____			SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 72M59			
	PLOT DATE = 10/22/2020	DATE - 5-13-2013	REVISED - _____			ILLINOIS FED. AID PROJECT					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE
				SANGAMON ROADWAY 0005 URBAN
40600290	BITUMINOUS MATERIALS (TACK COAT)	SQ FT	748	748
X4405020	LONGITUDINAL PARTIAL DEPTH REMOVAL 2"	FOOT	14954	14954
X4420900	LONGITUDINAL PARTIAL DEPTH PATCHING	TON	372	372
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	30	30
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1495	1495
* 78009005	MODIFIED URETHANE PAVEMENT MARKING, LINE 5"	FOOT	3739	3739
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	374	374
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	374	374
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1

* SPECIALTY ITEM

REV. - MS

FILE NAME = S:\CONTRMAINT_CAD\72M59 - FAI 72 (1 72) - Sangamon Co. - CENTERLINE JOINT\PLANS\72M59\DRAWING\600.dgn	USER NAME = SHARPTD	DESIGNED - DMS	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 40.0000' / in.	CHECKED - _____	REVISED - _____			72	(84-9-3) I	SANGAMON	6	3	
	PLOT DATE = 10/16/2020	DATE - 5-13-2013	REVISED - _____			SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 72M59			
						ILLINOIS FED. AID PROJECT					

MAINLINE									
LOCATION STA. TO STA.	LENGTH	SHORT-TERM PAVEMENT MARKING 4' EVERY 40'	MOD URETHANE PAVEMENT MARKING, 5"	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	LONGITUDINAL PARTIAL DEPTH REMOVAL 2"	LONGITUDINAL PARTIAL DEPTH PATCHING	BITUMINOUS MATERIALS (TACK COAT)	
	FT	FT	FT	EACH	EACH	FOOT	TON	POUNDS	
EASTBOUND									
554+00.00	571+09.34	1709.34	171	427	43	43	1709	43	85
STA EQN 571+09.34bk = 569+32.15ah									
569+32.15	627+00.00	5767.85	577	1442	144	144	5768	144	288
WESTBOUND									
554+00.00	571+09.34	1709.34	171	427	43	43	1709	43	85
STA EQN 571+09.34bk = 569+32.15ah									
569+32.15	627+00.00	5767.85	577	1442	144	144	5768	144	288
TOTAL		14954	1495	3739	374	374	14954	372	748

* 10' every 40' over short term

MIXTURE REQUIREMENTS	
LOCATION:	FAI 72
MIXTURE USE(S):	PARTIAL DEPTH PATCHING
PG:	64-22
DESIGN AIR VOIDS:	4.0% @ N70
MIXTURE COMPOSITION:	IL 9.5
FRICTION AGGREGATE:	MIX D
QUALITY MANAGEMENT:	QC/QA
SUBLOT SIZE:	N/A

APPLICATION RATES

THE FOLLOWING RATES OF APPLICATION WERE UTILIZED TO CALCULATE QUANTITIES

BITUMINOUS MATERIAL - TACK COAT 0.025 LBS/SQ FT
 RAISED REFLECTIVE PAVEMENT MARKERS 2 EACH PER 80 FT



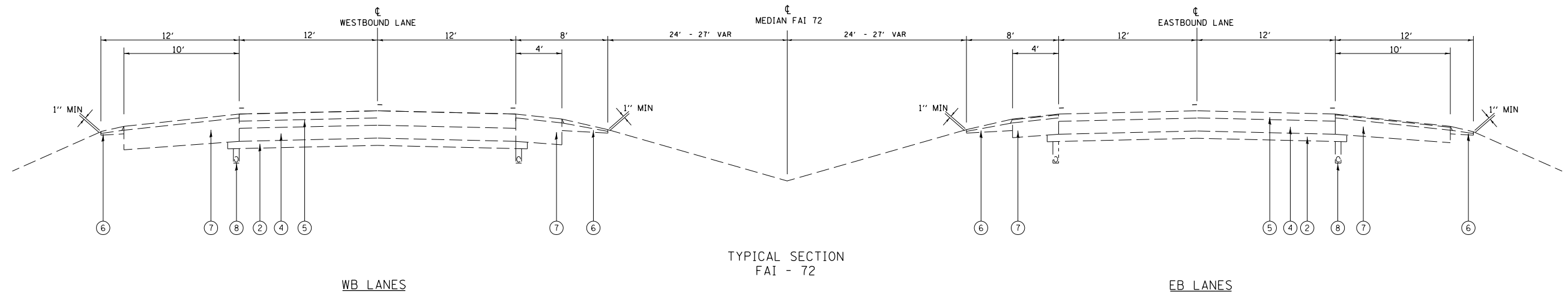
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Sangamon Co. - CENTERLINE JOINT PLANS\72M59	PROJECT LOC\72M59.dgn	CHECKED - _____	REVISED - _____
Default	PLOT SCALE = 0.416667' / in.	DATE - 5-21-2013	REVISED - _____
	PLOT DATE = 10/16/2020		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROJECT LOCATION

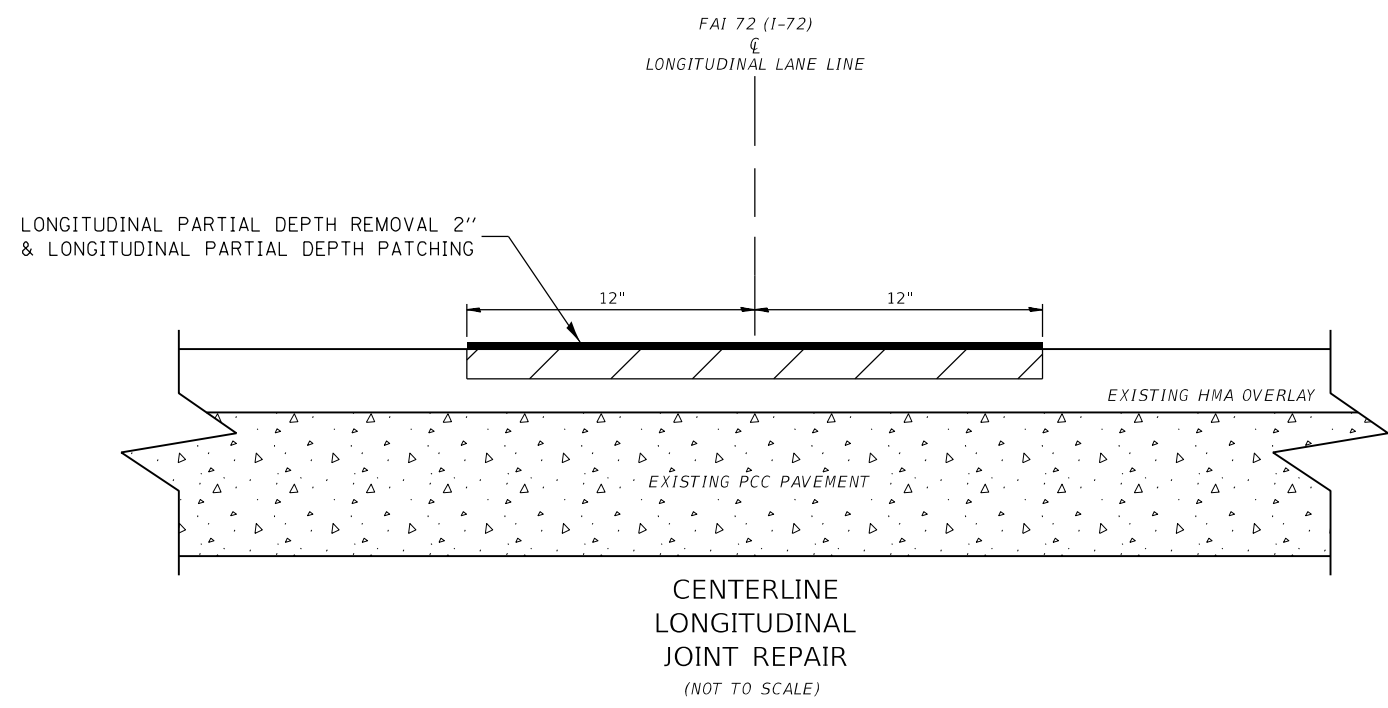
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(84-9-3) I	SANGAMON	6	5
CONTRACT NO. 72M59			ILLINOIS FED. AID PROJECT	



LEGEND

- ① EX STABILIZED SUB-BASE 4"
- ② EX AGGREGATE SUB-BASE 4"
- ③ EX RCPCC PAVEMENT 8"
- 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 = S:\CONTRMAINT_CAD\72M59 - FAI 72 (1-72)	USER NAME = SHARPTD	DESIGNED - _____	REVISED - _____
	Sangamon Co. - CENTERLINE JOINT PLANS\72M59\72M59typical.dgn	CHECKED - _____	REVISED - _____
Default	PLOT SCALE = 60.0000' / in.	DATE - _____	REVISED - _____
	PLOT DATE = 10/16/2020		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS	
SCALE: _____	SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(84-9-3) I	SANGAMON	6	6
CONTRACT NO. 72M59			ILLINOIS FED. AID PROJECT	