

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72		SCOTT	6	

CONTRACT NO. 72L21
D6 PATCHING SCOTT CO 2019

D96-043-19

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

FAI ROUTE 72 (I-72)
SECTION D6 PATCHING SCOTT CO 2019

PAVEMENT PATCHING
SCOTT COUNTY

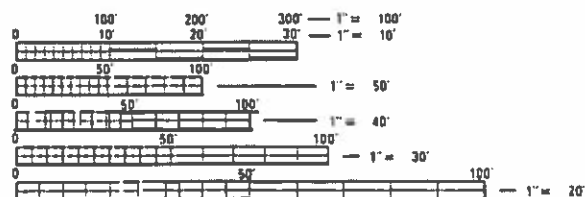
C-96-057-19



ADT = 4,300

SU = 350

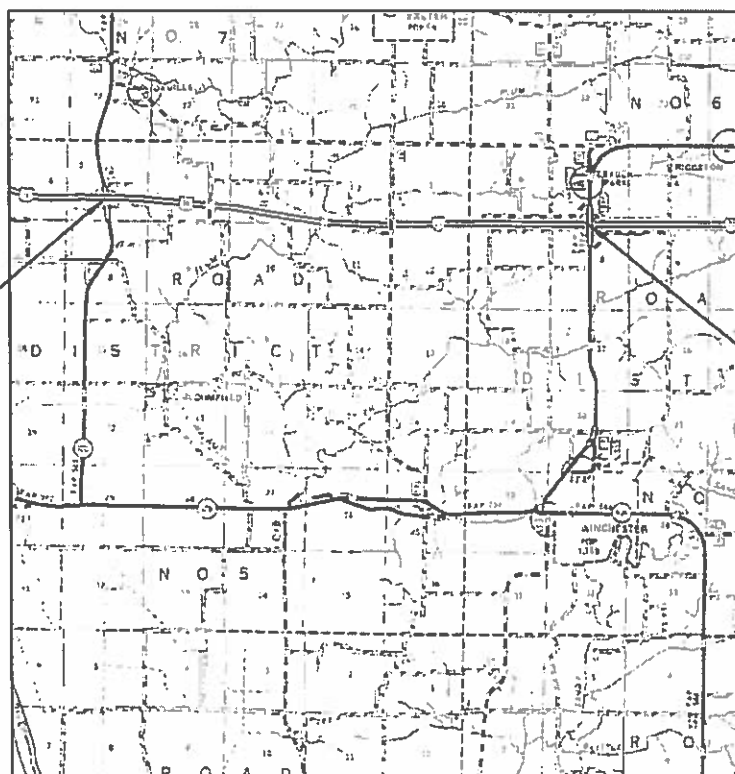
MU = 1,300



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

BEGIN PROJECT
STA. 70+40.00



END PROJECT
STA. 357+90

GROSS LENGTH = 27840.00 FT. = 5.273 MILE
NET LENGTH = 27840.00 FT. = 5.273 MILE

PROJECT ENGINEER: MIKE IRWIN
PROJECT MANAGER: TIM SHARP

CONTRACT NO. 72L21

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 29 March 2019

[Signature] REGIONAL ENGINEER

May 10 2019

[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

May 10 2019

[Signature] 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
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM EDGE OF PAVEMENT
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15" AWAY
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-12	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP FOR SPEEDS \geq 45 MPH
701901-08	TRAFFIC CONTROL DEVICES

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

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

EXAMINED 29 March 20 19

[Signature]
ENGINEER OF OPERATIONS

EXAMINED 29 March 20 19

[Signature]
ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED March 20 20 19

[Signature]
ENGINEER OF PROGRAM DEVELOPMENT

MODEL ENCLURE: FILE NAME: S:\CONTRACTS\2019\06 PATCHING SCOTT CO 2019 - CLASS A PATCHES\PLANS\72L21 - 01-2-rev04e.dwg

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PLOT DATE = 3/20/2019	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, STANDARDS,
GENERAL NOTES, SIGNATURES**

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

•06 PATCHING SCOTT CO 2019				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	*	SCOTT	6	2
			CONTRACT NO. 72L21	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0-02174-6008	
				100% STATE	I-72 SCOTT
				ROADWAY	
				0006	
				RURAL	
44200541	CLASS A PATCHES, TYPE II, 9 INCH	SQ YD	420		420
44200545	CLASS A PATCHES, TYPE III, 9 INCH	SQ YD	160		160
44200547	CLASS A PATCHES, TYPE IV, 9 INCH	SQ YD	80		80
44213000	PATCHING REINFORCEMENT	SQ YD	660		660
44213200	SAW CUTS	FOOT	3600		3600
44213204	TIE BARS 3/4"	EACH	40		40
67100100	MOBILIZATION	L.SUM	1		1
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	4		4
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	6		6
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	12		12
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	30		30
X4820110	HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)	SQ YD	50		50

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D6 PATCHING SCOTT CO 2019

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PLOT DATE = 3/25/2019	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.I RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72		SCOTT	6	3
			72L21	

SCALE _____ SHEET ___ OF ___ SHEETS STA _____ TO STA _____

ILLINOIS FED AID PROJECT

I-72 Scott County										
CLASS A PATCHES 9"										
Mile	Length(ft)	Width(ft)	Area	TY II	TY III	TY IV	Saw Cut	Tie Bars 3/4"	Patch Reinforce	
Marker	Passing	Driving	Layout	(sy)			Foot	Each	Sy.Yd	
I 72 Westbound										
348+80		8.50	12.00	11.33	11.3	-	65.0		11.3	
347+65		12.00	12.00	16.00	-	16.0	72.0		16.0	
346+30		6.00	12.00	8.00	8.0	-	60.0		8.0	
344+30		6.00	12.00	8.00	8.0	-	60.0		8.0	
343+90		6.00	12.00	8.00	8.0	-	60.0		8.0	
343+10		13.50	12.00	18.00	-	18.0	75.0		18.0	
342+90		6.00	12.00	8.00	8.0	-	60.0		8.0	
342+80		8.00	12.00	10.67	10.7	-	64.0		10.7	
342+70		8.00	12.00	10.67	10.7	-	64.0		10.7	
335+50		6.00	12.00	8.00	8.0	-	60.0		8.0	
326+70		18.00	12.00	24.00	-	24.0	84.0		24.0	
318+70		6.00	12.00	8.00	8.0	-	60.0		8.0	
296+70		6.00	12.00	8.00	8.0	-	60.0		8.0	
296+60		6.00	12.00	8.00	8.0	-	60.0		8.0	
295+50		6.00	12.00	8.00	8.0	-	60.0		8.0	
295+30		9.00	12.00	12.00	12.0	-	66.0		12.0	
295+00		10.00	12.00	13.33	13.3	-	68.0		13.3	
290+50	7.00		12.00	9.33	9.3	-	62.0		9.3	
289+70		6.00	12.00	8.00	8.0	-	60.0		8.0	
275+80		9.50	12.00	12.67	12.7	-	67.0		12.7	
273+00		6.00	12.00	8.00	8.0	-	60.0		8.0	
272+80		7.50	12.00	10.00	10.0	-	63.0		10.0	
269+20		6.00	12.00	8.00	8.0	-	60.0		8.0	
269+10		6.00	12.00	8.00	8.0	-	60.0		8.0	
268+90		17.50	12.00	23.33	-	23.3	83.0		23.3	
267+20		6.00	12.00	8.00	8.0	-	60.0		8.0	
265+80		6.00	12.00	8.00	8.0	-	60.0		8.0	
194+20		11.00	12.00	14.67	14.7	-	70.0		14.7	
183+80		10.00	12.00	13.33	13.3	-	68.0		13.3	
180+60		7.00	12.00	9.33	9.3	-	62.0		9.3	
170+00		16.00	12.00	21.33	-	21.3	80.0		21.3	
146+70		20.00	12.00	26.67	-	26.7	88.0		26.7	
138+80		16.00	12.00	21.33	-	21.3	80.0		21.3	
137+45		6.00	12.00	8.00	8.0	-	60.0		8.0	
94+90		6.50	12.00	8.67	8.7	-	61.0		8.7	
92+10		6.50	12.00	8.67	8.7	-	61.0		8.7	
87+60		6.00	12.00	8.00	8.0	-	60.0		8.0	
75+40		7.00	12.00	9.33	9.3	-	62.0		9.3	
70+40		12.50	12.00	16.67	-	16.7	73.0		16.7	
I 72 Westbound				290.0	140.7	26.7	2,558.00	0.00	457.4	
CLASS A PATCHES 9"										
Mile	Length(ft)	Width(ft)	Area	TY II	TY III	TY IV	Saw Cut	Tie Bars 3/4"	Patch Reinforce	
Marker	Passing	Driving	Layout	(sy)			Foot	Each	Sy.Yd	
I 72 Eastbound										
200+10		7.00	12.00	9.33	9.3	-	62.0		9.3	
200+30		6.00	12.00	8.00	8.0	-	60.0		8.0	
229+80		9.50	12.00	12.67	12.7	-	67.0		12.7	
248+30		21.00	12.00	28.00	-	28.0	90.0	10	28.0	
251+70		6.00	12.00	8.00	8.0	-	60.0		8.0	
275+15		9.50	12.00	12.67	12.7	-	67.0		12.7	
275+30		10.50	12.00	14.00	14.0	-	69.0		14.0	
276+70		6.00	12.00	8.00	8.0	-	60.0		8.0	
277+40		6.00	12.00	8.00	8.0	-	60.0		8.0	
357+90		7.00	12.00	9.33	9.3	-	62.0		9.3	
I 72 Southbound				90.0	0.0	28.0	657.00	10.00	118.0	
ADDITIONAL QUANTITIES				40.0	19.3	25.3	385.00	30.00	84.6	
TOTAL I 72				420.0	160.0	80.0	3600.0	40.0	660.0	

TRAFFIC CONTROL AND PROTECTION SCHEDULE		
LOCATION	STD 701401 (EACH)	STD 701411 (EACH)
I-72 WESTBOUND STA. 343+80 TO 137+45 DL	1	2
I-72 WESTBOUND STA. 343+80 TO 137+45 PL	1	0
I-72 WESTBOUND STA. 137+45 TO 70+40 DL	1	2
I-72 EASTBOUND STA. 100+00 TO 357+90 DL	1	2
TOTAL	4	6

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 CLASS: A PATCHES SCOTT CO 2019

I-72 PATCHING SCOTT CO 2019

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PLOT SCALE = 2 9000' / in	DRAWN - _____	REVISED - _____
PLOT DATE = 3/20/2019	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE _____ SHEET _____ OF _____ SHEETS STA _____ TO STA _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72		SCOTT	6	4
			CONTRACT NO. 72L21	
ILLINOIS FED AID PROJECT				



BEGIN PROJECT
STA. 70+40

END PROJECT
STA. 357+90

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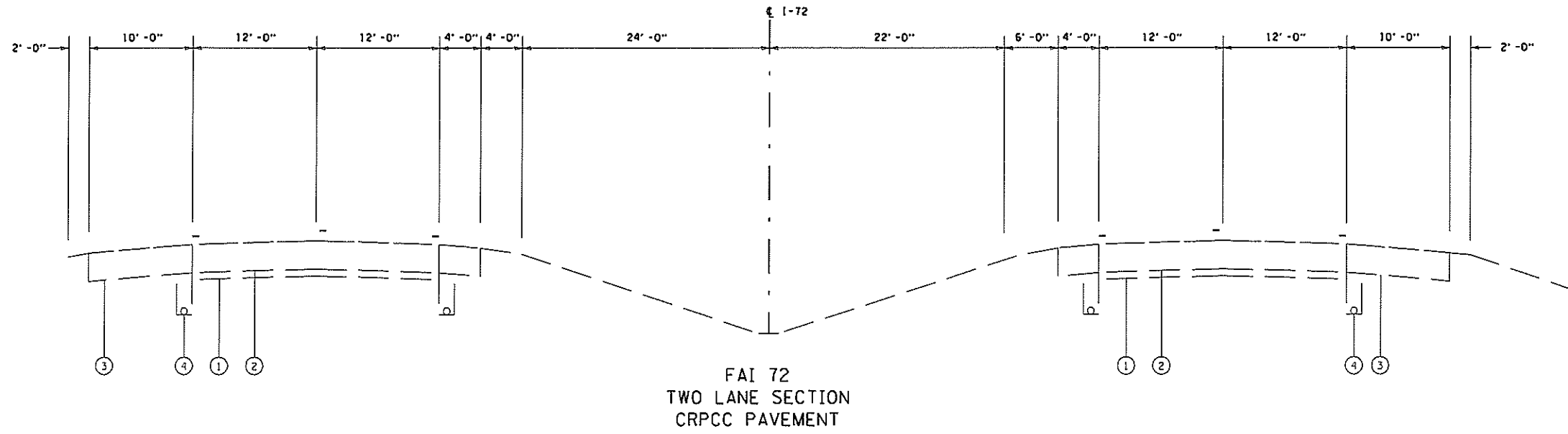
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	DRAWN - _____	REVISED - _____
PLOT SCALE = 2 0000' / in	CHECKED - _____	REVISED - _____
PLOT DATE = 3/29/2019	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72		SCOTT	6	5
CONTRACT NO. 72L21				
ILLINOIS FED AID PROJECT				



LEGEND

- ① EX AGGREGATE SUB-BASE - 4"
- ② EX CRPCC PAVEMENT - 9"
- ③ EX HOT-MIX ASPHALT SHOULDERS
- ④ EX PIPE UNDERDRAIN

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D6 PATCHING SCOTT CO 2019

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	DRAWN - _____	REVISED - _____
PLOT SCALE = 2 0000 / in	CHECKED - _____	REVISED - _____
PLOT DATE = 3/1 2019	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICALS

SCALE _____ SHEET ___ OF ___ SHEETS STA _____ TO STA _____

FAI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72		SCOTT	6	6
CONTRACT NO. 72L21				
ILLINOIS FED AID PROJECT				