

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	D6 PATCHING 2017-1	SCOTT	6	1
		ILLINOIS	CONTRACT NO. 72J22	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED CONTRACT MAINTENANCE

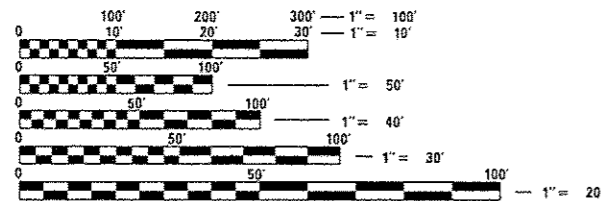
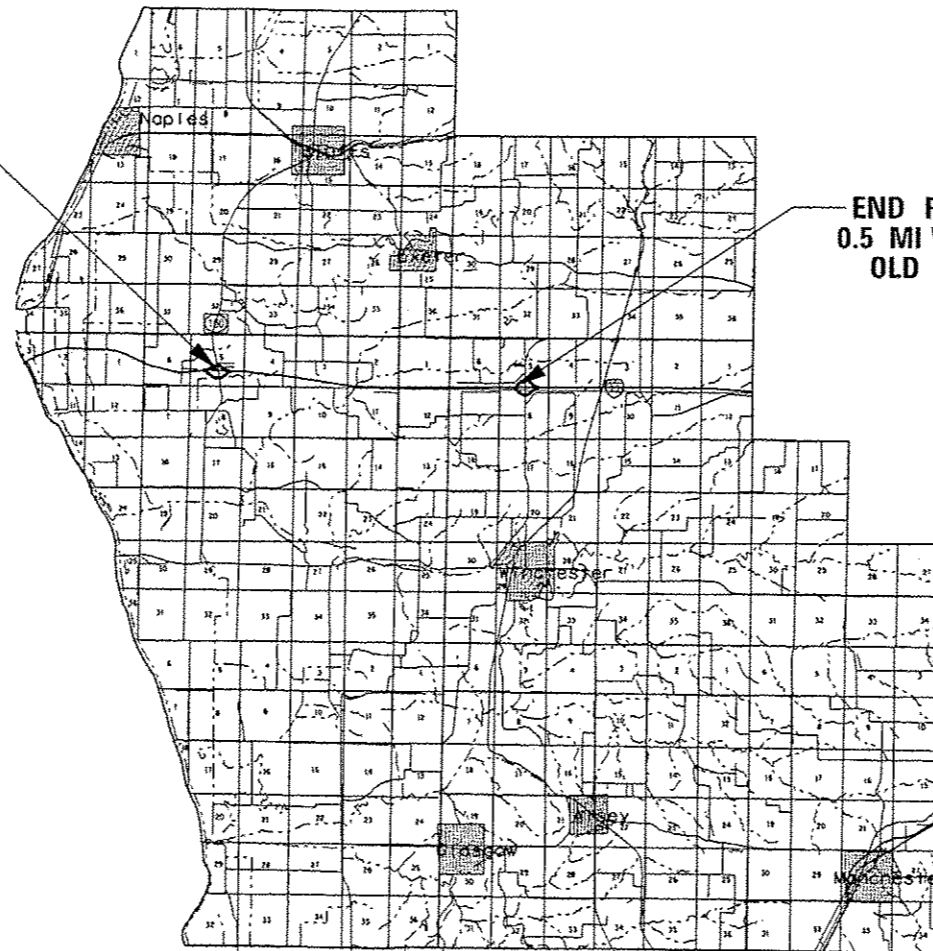
FAI ROUTE 72 (I-72)
SECTION D6 PATCHING 2017-1
PATCHING
SCOTT COUNTY

C-96-060-16

ADT = 4400
SU = 375
MU = 1000

BEGIN PROJECT
IL 100 INTERCHANGE

END PROJECT
0.5 MI WEST OF
OLD US 36



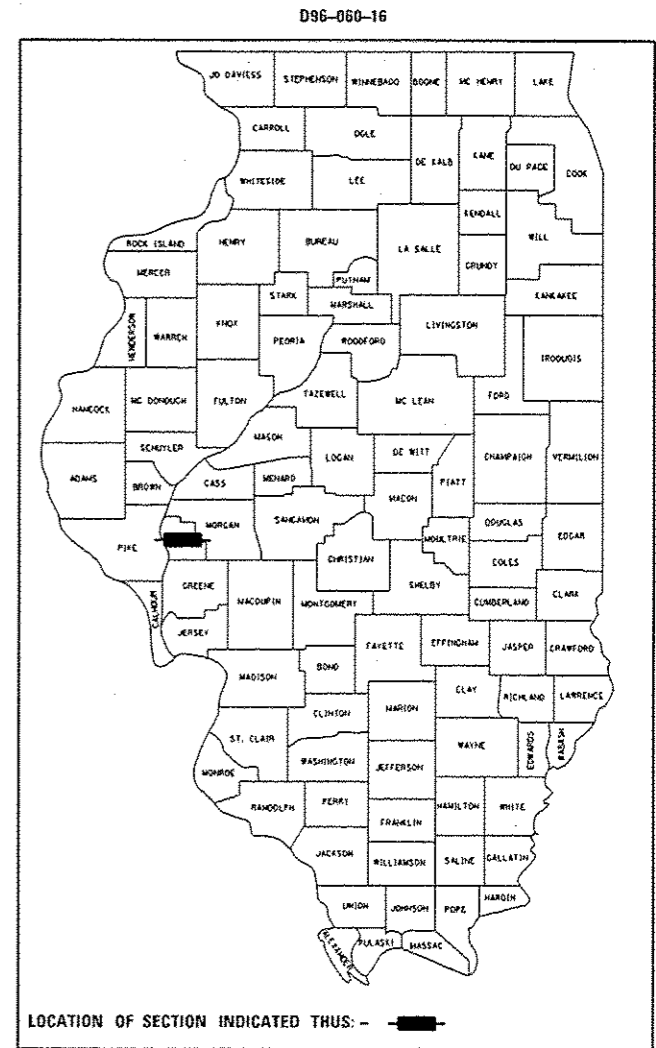
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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: MARK BRANHAM 217.785.5836

GROSS LENGTH = 29040.00 FT. = 5.5 MILE
NET LENGTH = 29040.0 FT. = 5.5 MILE

CONTRACT NO. 72J22



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 23, 2016
[Signature]
REGION FOUR ENGINEER

Sept 30, 2016
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

Sept 30, 2016
[Signature]
2
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX

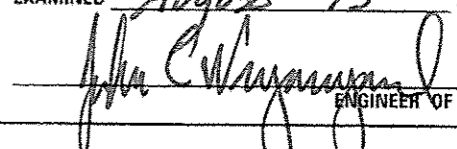
SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	INDEX, STANDARDS, SIGNATURES
3.	SUMMARY OF QUANTITIES
4.	SCHEDULES
5.	LOCATION MAP
6.	TYPICAL SECTIONS

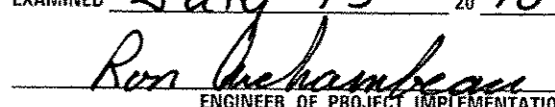
STANDARDS


STANDARD NO.	DESCRIPTION
442001-04	CLASS A PATCHES
442101-07	CLASS B PATCHES
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-10	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >45 MPH
701456-04	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-06	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 August 15th 20 16

 ENGINEER OF OPERATIONS

EXAMINED July 13 20 16

 ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED August 11 20 16

 ENGINEER OF PROGRAM DEVELOPMENT

I-72, IL 100 to Old 36					CLASS B, 9 IN				Sew	Dowel	Tie Bars	Patch
Marker	Station	Length(ft)	Width(ft)	Area	Ty I	Ty II	Ty III	Ty IV	Cut	Bars	3/4"	Reinforce
Passing	Middle	Driving	Layout	(sq)					Foot	Each	Each	Sy.Yd
172-Eastbound												
49	229+85		10	12.00	12.00				68.0			13.33
49.1	237+75		5	12.00	6.67				58.0			6.67
49.2	238+45		5	12.00	6.67				58.0			6.67
49.3	248+47		5.00	12.00	6.67				58.0			6.67
49.3	248+34		5.00	12.00	6.67				58.0			6.67
49.3	252+40		6.50	12.00	6.67				61.0			6.67
49.4	253+48		15.00	12.00	46.67			46.67	118.0		17	46.67
49.9	274+70		5.00	12.00	6.67				58.0			6.67
172-Westbound												
46	69+90		5.4	12.00	7.20				58.8			7.20
46	69+46		11.8	12.00	15.73			15.73	71.6			15.73
46	70+22		18.6	12.00	24.80			24.80	85.2			24.80
46	70+83		11.8	12.00	15.73			15.73	71.6			15.73
46	71+46		9.00	12.00	12.00				66.0			12.00
46	71+84		5.00	12.00	6.67				58.0			6.67
46	72+06		5.00	12.00	6.67				58.0			6.67
46.1	72+79		5.00	12.00	6.67				58.0			6.67
46.1	73+18		6.20	12.00	8.27			8.27	60.4			8.27
46.1	74+78		17.20	12.00	22.93			22.93	82.4			22.93
46.2	75+43		8.40	12.00	11.20			11.20	64.8			11.20
46.2	76+87		7.10	12.00	9.47			9.47	62.2			9.47
46.4	87+20		9.00	12.00	12.00				66.0			12.00
46.4	87+85		10.80	12.00	14.40			14.40	69.6			14.40
46.4	88+39		10.80	12.00	14.40			14.40	69.6			14.40
46.4	90+84		6.80	12.00	9.07			9.07	61.6			9.07
46.4	91+17		12.00	12.00	16.00			16.00	72.0			16.00
46.5	93+28		7.00	12.00	9.33			9.33	62.0			9.33
46.6	95+14		33.20	12.00	44.27			44.27	114.4		16	44.27
46.6	97+25		5.50	12.00	7.33			7.33	59.0			7.33
46.6	100+54		10.00	12.00	13.33			13.33	68.0			13.33
46.7	106+60		6.80	12.00	9.07			9.07	61.6			9.07
47.0	115+10		5.00	12.00	6.67			6.67	58.0			6.67
47.2	124+28		5.00	12.00	6.67			6.67	58.0			6.67
47.2	124+50		19.70	12.00	26.27			26.27	87.4			26.27
47.2	124+65		5.80	12.00	7.47			7.47	59.2			7.47
47.3	130+22		5.00	12.00	6.67			6.67	58.0			6.67
47.4	137+45		5.00	12.00	6.67			6.67	58.0			6.67
47.4	138+66		5.00	12.00	6.67			6.67	58.0			6.67
47.4	139+82		10.70	12.00	13.40			13.40	68.4			13.40
47.5	146+05		5.00	12.00	6.67			6.67	58.0			6.67
47.5	146+68		5.00	12.00	6.67			6.67	58.0			6.67
47.5	147+50		5.00	12.00	6.67			6.67	58.0			6.67
47.5	147+71		6.00	12.00	8.00			8.00	60.0			8.00
47.7	154+83		5.00	12.00	6.67			6.67	58.0			6.67
47.7	155+00		5.00	12.00	6.67			6.67	58.0			6.67
48.1	176+38		12.30	12.00	16.40			16.40	72.6			16.40
48.2	182+57		5.00	12.00	6.67			6.67	60.0			6.67
48.4	184+08		5.00	12.00	6.67			6.67	58.0			6.67
48.5	188+65		7.60	12.00	10.13			10.13	65.2			10.13
48.5	188+95		6.00	12.00	8.00			8.00	60.0			8.00
48.5	199+33		5.00	12.00	6.67			6.67	58.0			6.67
48.6	202+39		51.00	12.00	64.18			64.18	252.0		26	64.18
48.6	203+07		5.00	12.00	6.67			6.67	58.0			6.67
48.8	212+81		6.00	12.00	8.00			8.00	60.0			8.00
48.8	213+28		6.00	12.00	8.00			8.00	60.0			8.00
48.8	213+50		17.40	12.00	22.20			22.20	82.8			22.20
48.8	214+19		20.80	12.00	27.78			27.78	89.6		10	27.78
48.8	215+47		13.70	12.00	18.27			18.27	78.4			18.27
48.7	215+65		6.30	12.00	8.13			8.13	60.2			8.13
48.7	215+89		6.00	12.00	8.00			8.00	60.0			8.00
48.8	216+24		5.00	12.00	6.67			6.67	58.0			6.67
48.8	216+29		9.00	12.00	12.00			12.00	66.0			12.00
48.8	216+44		14.00	12.00	18.67			18.67	76.0			18.67
48.9	217+15		5.00	12.00	6.67			6.67	58.0			6.67
48.9	217+18		5.00	12.00	6.67			6.67	58.0			6.67
48.9	217+51		7.80	12.00	10.40			10.40	61.6			10.40
50.1	281+73		5.00	12.00	6.67			6.67	58.0			6.67
50.2	289+14		8.00	12.00	10.67			10.67	64.0			10.67
50.2	289+85		14.80	12.00	19.73			19.73	77.6			19.73
50.2	290+14		9.40	12.00	12.53			12.53	66.8			12.53
50.2	290+40		8.00	12.00	10.67			10.67	64.0			10.67
50.2	290+55		6.90	12.00	9.20			9.20	61.8			9.20
50.2	290+70		5.50	12.00	7.33			7.33	59.0			7.33
50.3	294+56		5.00	12.00	6.67			6.67	58.0			6.67
50.3	295+05		5.30	12.00	7.07			7.07	58.6			7.07
50.3	295+51		5.00	12.00	6.67			6.67	58.0			6.67
50.3	295+61		6.00	12.00	8.00			8.00	60.0			8.00
50.3	295+75		5.00	12.00	6.67			6.67	58.0			6.67
50.3	296+35		8.00	12.00	10.67			10.67	64.0			10.67
50.3	296+28		10.00	12.00	13.33			13.33	68.0			13.33
50.4	298+49		9.70	12.00	12.93			12.93	67.4			12.93
50.7	319+80		5.00	12.00	6.67			6.67	58.0			6.67
50.8	321+77		5.00	12.00	6.67			6.67	58.0			6.67
50.8	321+88		5.00	12.00	6.67			6.67	58.0			6.67
50.8	322+63		8.40	12.00	11.20			11.20	64.8			11.20
50.9	323+37		6.00	12.00	8.00			8.00	60.0			8.00
50.9	324+21		5.00	12.00	6.67			6.67	58.0			6.67
51.1	325+85		5.70	12.00	7.60			7.60	59.4			7.60
51.1	326+75		5.00	12.00	6.67			6.67	58.0			6.67
51.1	326+60		5.00	12.00	6.67			6.67	58.0			6.67
51.2	343+30		6.00	12.00	8.00			8.00	60.0			8.00
51.2	343+54		14.80	12.00	19.73			19.73	77.6			19.73
51.2	343+75		12.40	12.00	16.53			16.53	72.8			16.53
51.3	344+79		5.00	12.00	6.67			6.67	58.0			6.67
51.3	344+89		5.00	12.00	6.67			6.67	58.0			6.67
51.3	345+00		5.00	12.00	6.67			6.67	58.0			6.67
51.3	345+10		5.00	12.00	6.67			6.67	58.0			6.67
51.3	345+21		5.00	12.00	6.67			6.67	58.0			6.67
51.3	345+49		5.00	12.00	6.67			6.67	58.0			6.67
51.3	345+79		8.00	12.00	10.67			10.67	64.0			10.67
51.3	345+89		10.30	12.00	13.73			13.73	66.6			13.73
51.3	346+14		5.00	12.00	6.67			6.67	58.0			6.67
51.3	346+26		5.00	12.00	6.67			6.67	58.0			6.67
51.3	346+44		5.00	12.00	6.67			6.67	58.0			6.67
51.3	346+53		5.00	12.00	6.67			6.67	58.0			6.67
51.4	351+90		7.40	12.00	9.87			9.87	62.8			9.87
51.5	325+40		10.00	12.00	13.33			13.33	68.0			13.33
Totals =					0.00	748.13	227.73	214.27	6,878.20	0.00	69.00	1,190.13

I-72, IL 100 to Old 36					CLASS B, 10 IN				Saw	Dowel	Tie Bars	Welded Wire
Marker	Length(ft)	Width(ft)	Area	Ty I	Ty II	Ty III	Ty IV	Cut	Bars	3/4"	Reinforce	
Passing	Middle	Driving	Layout	(sq)				Foot	Each	Each	Sy.Yd	
Westbound Exit Ramp												
4+00				6.00	16.00	10.67			76.0	14.0	0.0	
Eastbound Entrance Ramp												
8+45				6.00	16.00	10.67			76.0	14.0	0.0	
16+00				6.00	16.00	10.67			76.0	14.0	0.0	
Totals =					0.00	32.00	0.00	0.00	228.00	42.00	0.00	0.00

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 CHECKED =
 DATE = 11/4/2016

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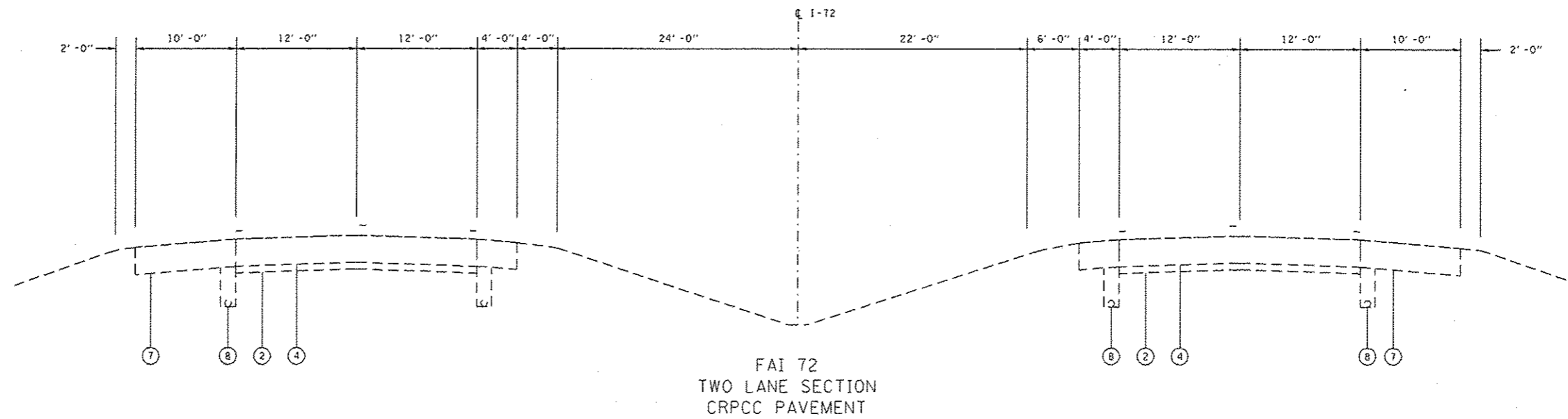
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

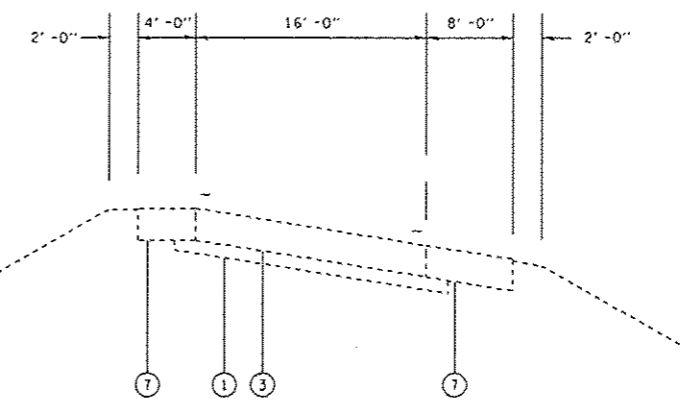
SCHEDULE OF
 QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	06 PATCHING 2017-1	SCOTT	6</	



FAI 72
TWO LANE SECTION
CRPCC PAVEMENT



RAMPS
PCC PAVEMENT

LEGEND

- ① EX STABILIZED SUB-BASE - 4"
- ② EX AGGREGATE SUB-BASE - 4"
- ③ EX PCC PAVEMENT - 10"
- ④ EX CRPCC PAVEMENT - 9"
- ⑥ EX AGGREGAE SHOULDERS
- ⑦ EX HOT-MIX ASPHALT SHOULDERS
- ⑧ EX PIPE UNDERDRAIN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICALS

FILE NAME *	USER NAME * brnhamme	DESIGNED -	REVISED -	SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT				
C:\projects\72J22 1-72 Class A & B Patching Scott County\plans\72J22 SHT 6 TYPICAL	DRAWN -	REVISED -	F.A.I. RTE. 72			SECTION 06 PATCHING 2017-1	COUNTY SCOTT	TOTAL SHEETS 6	SHEET NO. 6
Default	PLOT SCALE * 60.0000 1/ in.	CHECKED -	REVISED -			CONTRACT NO. 72J22			
	PLOT DATE * 8/15/2016	DATE -	REVISED -						