

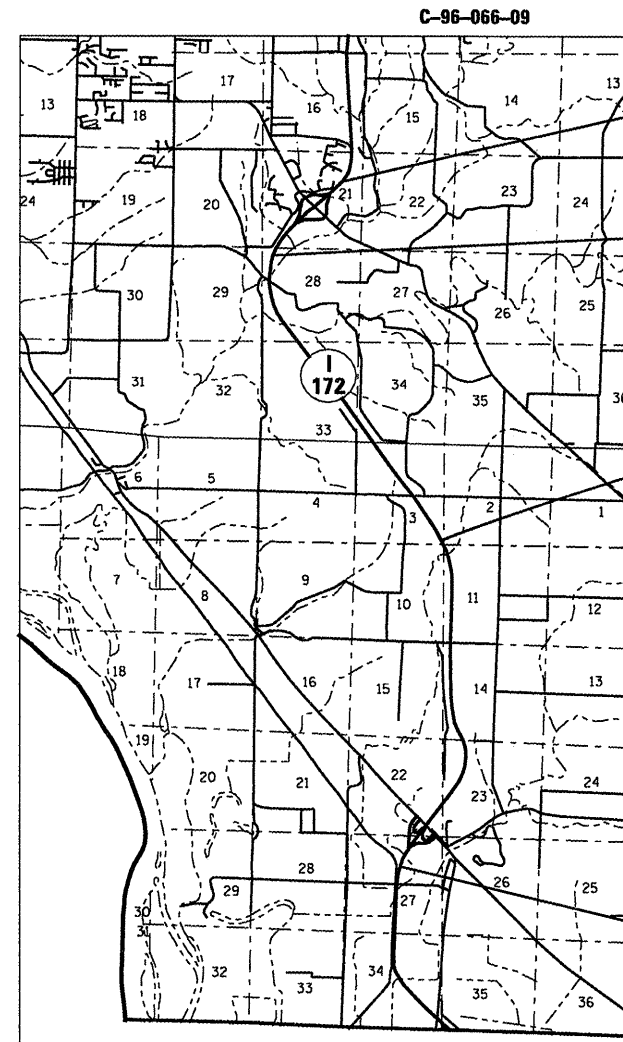
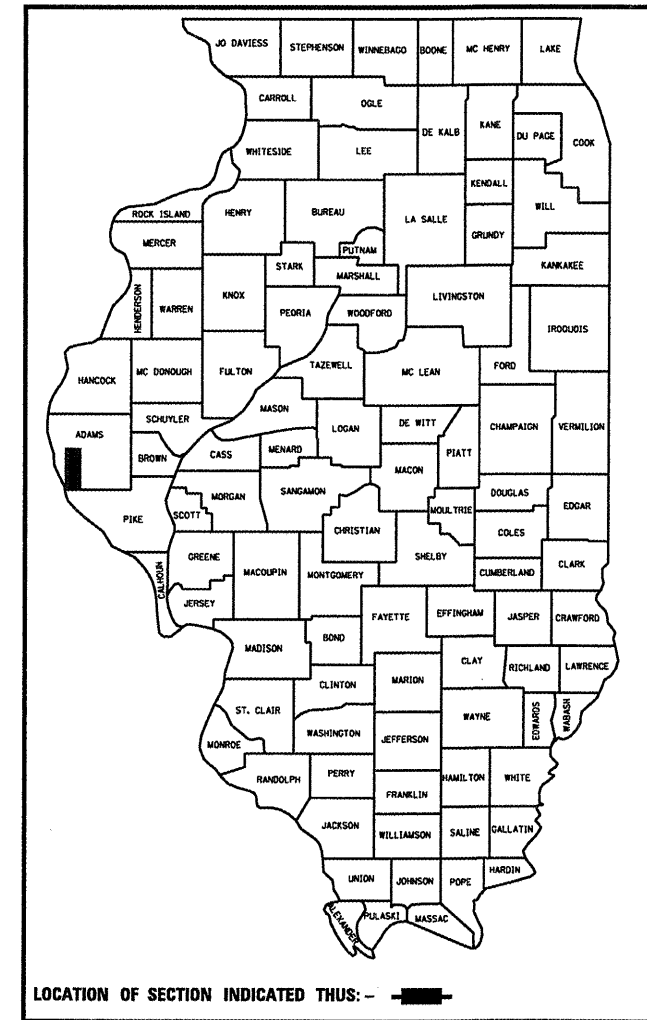
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PROPOSED  
HIGHWAY PLANS**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
172	1, 1-2)D6PATCHING		6	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 72C74		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FAI 172 ROUTE (I-172)  
SECTION (1, 1-2)D6PATCHING

CLASS A PATCHING  
ADAMS COUNTY



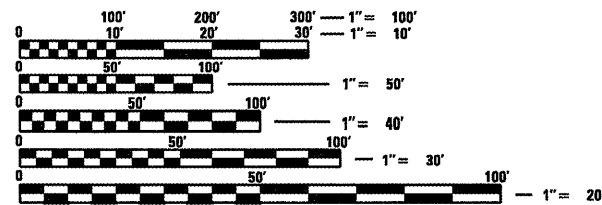
END PROJECT  
STA. 66 + 00

STATION EQUATION  
 $197 + 82bk = 30 + 87.58ah$

STATION EQUATION  
 $285 + 95.95bk = 0 + 00ah$

BEGIN PROJECT  
STA. 47 + 00

NET LENGTH = 47,190.37 FT. = 8.938 MILE



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  
PROJECT MANAGER

CONTRACT NO. 72C74

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED February 6, 2009  
Regan Z. Smith  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 1, 2009  
Charles G. Ingerson  
ENGINEER OF DESIGN AND ENVIRONMENT

May 1, 2009  
Christine M. Reed  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

INDEX

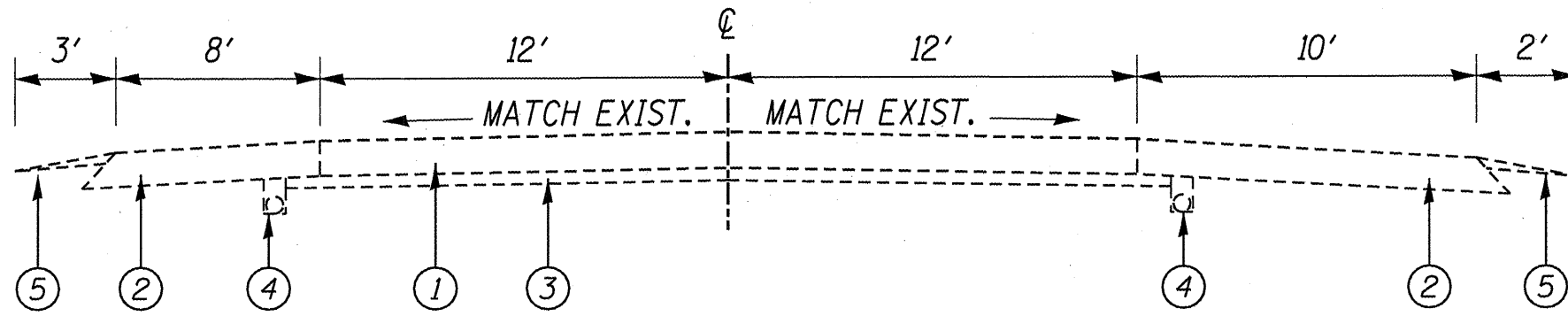
- 1 COVER
- 2 INDEX/STANDARDS/SIGNATURES
- 3 QUANTITIES
- 4 TYPICAL SECTIONS
- 5-6 PATCHING SCHEDULE

STANDARDS

- 442001-04
- 701101-02
- 701106-02
- 701400-03
- 701401-05
- 701406-05
- 701411-05
- 701901-01
- 701456-

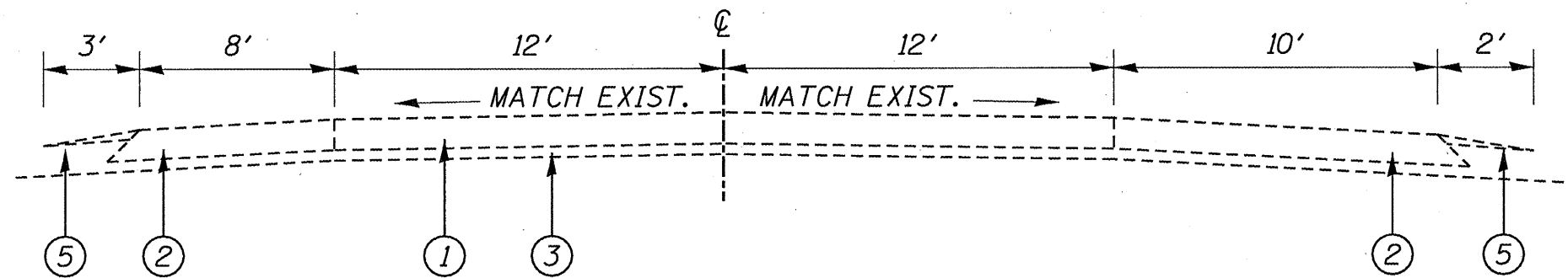
<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6</b>	
EXAMINED	Feb 5 20 09
	<u>Rami J. Hoani</u> ENGINEER OF OPERATIONS
EXAMINED	Feb 5 20 09
	<u>Rami J. Hoani</u> ENGINEER OF PROGRAM IMPLEMENTATION
EXAMINED	Feb 5 20 09
	<u>Regan Z. Dunbar</u> ENGINEER OF PROGRAM DEVELOPMENT

INDEX/STANDARDS/SIGNATURES  
FAI 172 (I-172)  
SECTION (1,1-2)D6PATCHING  
ADAMS COUNTY



I-172 NORMAL SECTION

- ① EXISTING CRC PAVEMENT, 8"
- ② EXISTING H.M.A. SHOULDER, 8"
- ③ EXISTING STABILIZED SUB-BASE, 4"
- ④ EXISTING PIPE UNDERDRAIN
- ⑤ EXISTING AGGREGATE SHOULDER



I-172 ROCK CUT SECTION

TYPICAL SECTIONS  
FAI 172 (I-172)  
SECTION (1,1-2)D6PATCHING  
ADAMS COUNTY

PATCHING SCHEDULE

CONTRACT: 72C74  
SHEET 5 OF 6

APPROX. STA	LOCATION	LENGTH (FT)	WIDTH (FT)	CL A PATCHES TY II, 8" (SQ YD)	CL A PATCHES TY III, 8" (SQ YD)	CL A PATCHES TY IV, 8" (SQ YD)	TIE BARS (EACH)	PATCHING REINFORCEMENT (SQ YD)	SAW CUTS (FT)
47+00	SBDL	5	12	6.67				6.67	58
48+40	SBDL	5	12	6.67				6.67	58
48+50	SBDL	5	12	6.67				6.67	58
48+80	SBDL	5	12	6.67				6.67	58
48+90	SBDL	5	12	6.67				6.67	58
50+40	SBDL	5	12	6.67				6.67	58
51+30	SBDL	5	12	6.67				6.67	58
55+00	SBDL	5	12	6.67				6.67	58
70+10	SBDL	5	12	6.67				6.67	58
70+40	SBDL	5	12	6.67				6.67	58
73+00	SBDL	5	12	6.67				6.67	58
74+00	SBDL	5	12	6.67				6.67	58
74+30	SBDL	5	12	6.67				6.67	58
76+50	SBDL	5	12	6.67				6.67	58
78+30	SBDL	5	12	6.67				6.67	58
78+40	SBDL	5	12	6.67				6.67	58
78+80	SBDL	5	12	6.67				6.67	58
80+20	SBDL	6	12	8.00				8.00	60
80+80	SBDL	5	12	6.67				6.67	58
81+00	SBDL	5	12	6.67				6.67	58
83+00	SBDL	5	12	6.67				6.67	58
87+90	SBDL	5	12	6.67				6.67	58
88+70	SBDL	5	12	6.67				6.67	58
90+00	SBDL	5	12	6.67				6.67	58
90+50	SBDL	5	12	6.67				6.67	58
91+50	SBDL	5	12	6.67				6.67	58
97+10	SBDL	5	12	6.67				6.67	58
113+60	SBDL	5	12	6.67				6.67	58
113+80	SBDL	5	12	6.67				6.67	58
114+20	SBDL	5	12	6.67				6.67	58
137+50	SBDL	6	12	8.00				8.00	60
141+00	SBDL	10	12	13.33				13.33	68
141+90	SBDL	10	12	13.33				13.33	78
147+55	SBDL	5	12	6.67				6.67	58
149+30	SBDL	6	12	8.00				8.00	60
155+80	SBDL	8	12	10.67				10.67	64
175+10	SBDL	6	12	8.00				8.00	60
175+30	SBDL	12	12		16.00			16.00	72
180+10	SBDL	5	12	6.67				6.67	58
180+45	SBDL	5	12	6.67				6.67	58
182+80	SBDL	5	12	6.67				6.67	58
STA. EQU.	285+95.95bk+0+00ah								
0+10	SBDL	5	12	6.67				6.67	58
2+10	SBDL	14	12		18.67			18.67	76
3+70	SBDL	5	12	6.67				6.67	58
131+70	SBDL	16	12		21.33			21.33	80
138+00	SBDL	5	12	6.67				6.67	58
140+50	SBDL	5	12	6.67				6.67	58
153+00	SBDL	5	12	6.67				6.67	58
154+00	SBDL	10	12	13.33				13.33	68
STA. EQU.	197+82.00bk+30+87+58								
37+45	SBDL	5	12	6.67				6.67	58
66+00	SBDL	16	12		21.33			21.33	80
TOTAL: SOUTHBOUND LANES				342.79	77.33	0.00	0	420.12	3088

NOTE:

\* AN ADDITIONAL 10% OF THE ESTIMATED PATCHING QUANTITIES WAS ADDED TO BE USED AT THE DISCRETION OF THE ENGINEER.

PATCHING SCHEDULE  
FAI 172 (I-172)  
SECTION (1,1-2)D6PATCHING  
ADAMS COUNTY

PATCHING SCHEDULE

CONTRACT: 72C74  
SHEET 6 OF 6

APPROX. STA	LOCATION	LENGTH (FT)	WIDTH (FT)	CL A PATCHES TY II, 8" (SQ YD)	CL A PATCHES TY III, 8" (SQ YD)	CL A PATCHES TY IV, 8" (SQ YD)	TIE BARS (EACH)	PATCHING REINFORCEMENT (SQ YD)	SAW CUTS (FT)
79+50	NBDL	5	12	6.67				6.67	58
92+30	NBDL	8	12	10.67				10.67	64
106+20	NBDL	5	12	6.67				6.67	58
106+30	NBDL	5	12	6.67				6.67	58
106+50	NBDL	5	12	6.67				6.67	58
109+00	NBDL	12	12		16.00			16.00	72
148+60	NBDL	5	12	6.67				6.67	58
152+50	NBDL	8	12	10.67				10.67	64
154+15	NBDL	8	12	10.67				10.67	64
157+50	NBDL	5	12	6.67				6.67	58
159+80	NBDL	5	12	6.67				6.67	58
161+80	NBDL	5	12	6.67				6.67	58
STA. EQU.	285+95.95bk=0+00ah								
13+90	NBDL	5	12	6.67				6.67	58
14+00	NBDL	5	12	6.67				6.67	58
18+50	NBDL	5	12	6.67				6.67	58
46+50	NBDL	5	12	6.67				6.67	58
55+90	NBDL	5	12	6.67				6.67	58
60+10	NBDL	8	12	10.67				10.67	64
87+90	NBDL	5	12	6.67				6.67	58
95+90	NBDL	5	12	6.67				6.67	58
103+80	NBDL	5	12	6.67				6.67	58
106+00	NBDL	8	12	10.67				10.67	64
106+60	NBDL	6	12	8.00				8.00	60
119+80	NBDL	5	12	6.67				6.67	58
STA. EQU.	197+82.00bk=30+87.58ah								
TOTAL: NORTHBOUND LANES				174.74	16.00	0.00	0	190.74	1438
I-172 & IL 57 INTERCHANGE									
SOUTHBOUND ON RAMP									
10+50		5	16	8.89				8.89	74
17+00		8	16	14.22				14.22	80
24+80		8	16	14.22				14.22	80
25+36		7	15	11.67				11.67	74
25+56		6	14	9.33				9.33	68
25+96		10	13	14.44				14.44	72
I-172 & IL 96 INTERCHANGE									
NORTHBOUND ON RAMP									
13+75		20	16			35.56	20	35.56	104
NORTHBOUND OFF RAMP									
6+62		5	16	8.89				8.89	74
10+10		12	16		21.33			21.33	88
SOUTHBOUND OFF RAMP									
6+63		6	16	10.67				10.67	76
TOTAL: RAMPS				92.33	21.33	35.56	0	149.22	790
TOTAL: SOUTHBOUND LANES				342.79	77.33	0.00	0	420.12	3088
TOTAL: NORTHBOUND LANES				174.74	16.00	0.00	0	190.74	1438
TOTAL: RAMPS				92.33	21.33	35.56	20	149.22	790
TOTAL: NORTHBOUND, SOUTHBOUND & RAMPS				609.86	114.66	35.56	20	760.08	5316
+ 10%:				61.14	11.34	3.44	2	75.92	53
GRAND TOTAL:				671.00	126.00	39.00	22	836.00	5369

NOTE:

\* AN ADDITIONAL 10% OF THE ESTIMATED PATCHING QUANTITIES WAS ADDED TO BE BE USED AT THE DISCRETION OF THE ENGINEER.

PATCHING SCHEDULE  
FAI 172 (I-172)  
SECTION (1,1-2)D6PATCHING  
ADAMS COUNTY

S U M M A R Y O F Q U A N T I T I E S

CODE NO.	ITEM	UNIT	100% STATE
			J000
			TOTAL QTY
44200529	CLASS A PATCHES, TYPE II, 8 INCH	SQ YD	671.0
44200533	CLASS A PATCHES, TYPE III, 8 INCH	SQ YD	126.0
44200535	CLASS A PATCHES, TYPE IV, 8 INCH	SQ YD	39.0
44213000	PATCHING REINFORCEMENT	SQ YD	836.0
44213200	SAW CUTS	FOOT	5,369
67100100	MOBILIZATION	L SUM	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	5
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2
Z0075300	TIE BARS	EACH	22

Rev.

QUANTITIES  
FAI 172 (I-172)  
SECTION (1,1-2)D6PATCHING  
ADAMS COUNTY