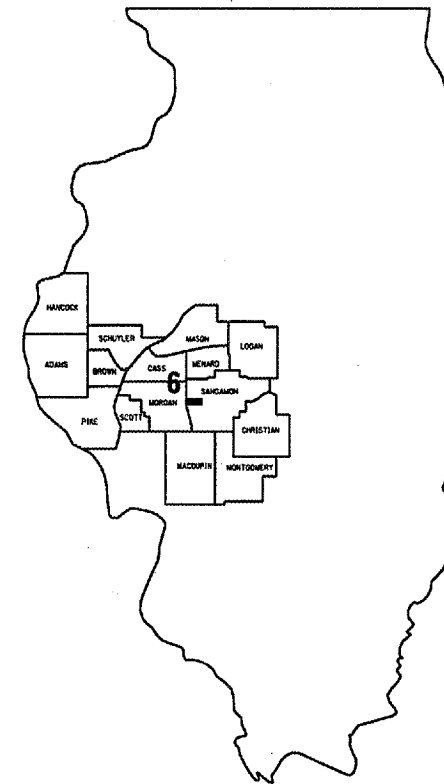


FOR INDEX OF SHEETS AND HIGHWAY  
STANDARDS, SEE SHEET 2.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED  
CONTRACT MAINTENANCE**  
**FAI ROUTE 72 (I-72)**  
**SECTION DIST 6 PATCHING 2008**  
**SANGAMON COUNTY**  
**C96-054-08 / D96-054-08**

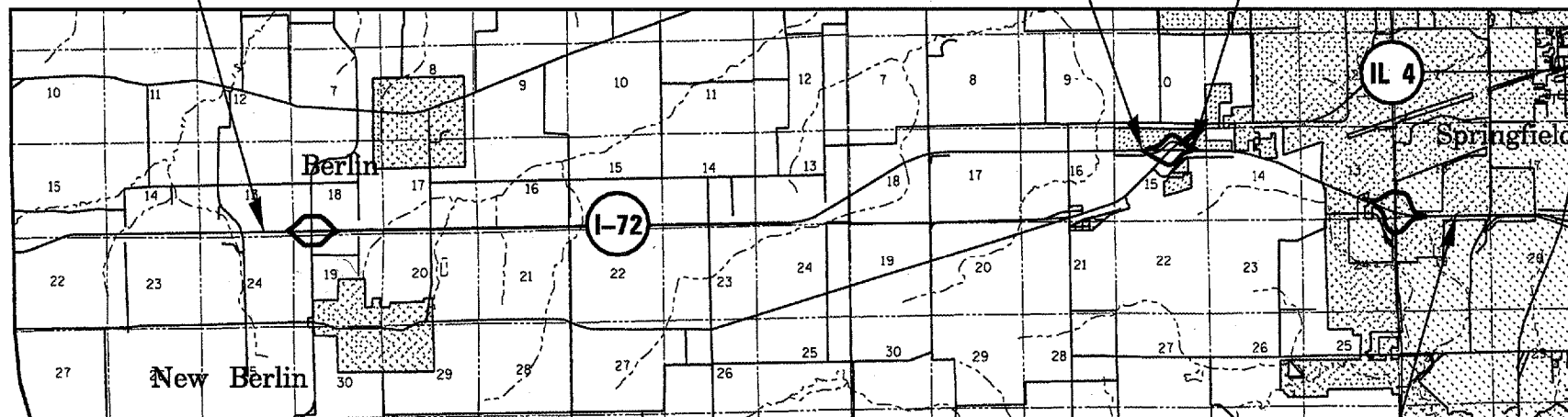


LOCATION OF SECTION INDICATED THUS: ■

BEGIN STA  
5 + 32.51

STA EQ  
506 + 81.52 BK =  
1345 + 00.00 AH

STA EQ  
1379 + 00.00 BK =  
379 + 00.00 AH



END STA  
527 + 00

**J. U. L. I. E.**  
**JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION**  
**1-800-892-0123**

PLANS & CONTRACT TECHNICIAN: TIMOTHY SHARP  
PHONE: (217) 782-7743

NET LENGTH OF SEC 68,349 FT = 12.95 MILE

**CONTRACT NO. 72B90**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED 2-15-2008

Christine M. Reed  
DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER

March 21, 2008

Eric E. Harn  
Interim ENGINEER OF DESIGN AND ENVIRONMENT

March 21, 2008

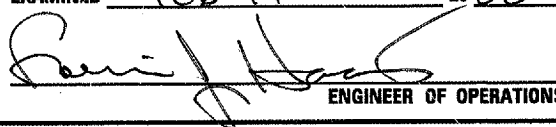
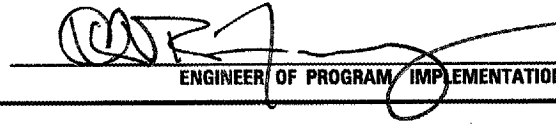

Christine M. Reed  
DIRECTOR, DIVISION OF HIGHWAYS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX, STANDARDS, & SIGNATURES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 PATCHING SCHEDULE

STANDARDS

- 442001-04
- 442101-07
- 701101-01
- 701106-01
- 701400-02
- 701401-04
- 701406-04
- 701411-04
- 701901

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6</b>		
EXAMINED	Feb 14	20 08
		ENGINEER OF OPERATIONS
EXAMINED	FEB 14	20 08
		ENGINEER OF PROGRAM IMPLEMENTATION
EXAMINED	FEB 11	20 08
		ENGINEER OF PROGRAM DEVELOPMENT

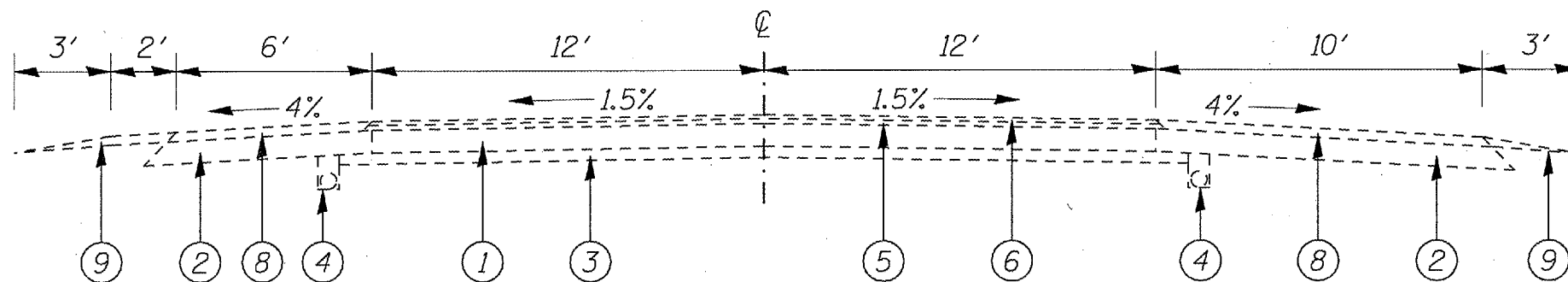
INDEX, STDS, & SIGNATURES  
FAI 72 (I-72)  
DIST 6 PATCHING 2008  
SANGAMON COUNTY

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
			I000
			TOTAL QTY
42001200	PAVEMENT FABRIC	SQ YD	23.4
44213000	PATCHING REINFORCEMENT	SQ YD	406.2
44213200	SAW CUTS	FOOT	4,143
67100100	MOBILIZATION	L SUM	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1
70103815	TRAFFIC CONTROL AND SURVEILLANCE	CAL DA	6
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2
X4420051	CLASS A PATCHES, TYPE II, 11 1/4 INCH	SQ YD	366.6
X4420052	CLASS A PATCHES, TYPE III, 11 1/4 INCH	SQ YD	39.6
X4420055	CLASS B PATCHES, TYPE II, 10 1/2 INCH	SQ YD	172.3
X4420180	CLASS B PATCHES, TYPE I, 10 1/2 INCH	SQ YD	4.4
X4420182	CLASS B PATCHES, TYPE III, 10 1/2 INCH	SQ YD	23.4
Z0017100	DOWEL BARS	EACH	222

QUANTITIES  
FAI 72 (I-72)  
DIST 6 PATCHING 2008  
SANGAMON COUNTY

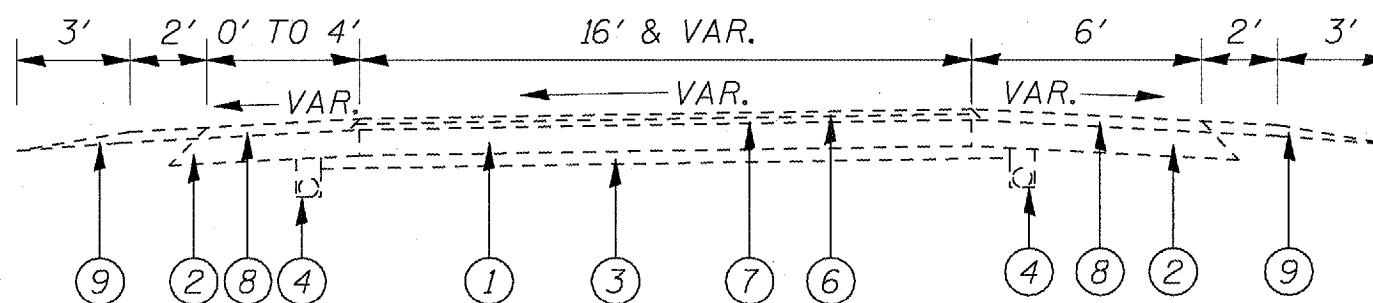
Rev.



**I-72 MAINLINE**

TYPICAL FOR BOTH DIRECTIONS  
LOOKING IN DIRECTION OF TRAFFIC  
ALL MAINLINE STA

- ① EXISTING PCC PAVEMENT, 8"
- ② EXISTING STABILIZED SHOULDER, 8"
- ③ EXISTING STABILIZED SUB-BASE, 4"
- ④ EXISTING PIPE UNDERDRAIN
- ⑤ EXISTING HMA BINDER, 1-3/4"
- ⑥ EXISTING HMA SURFACE, 1-1/2"
- ⑦ EXISTING HMA LEVELING BINDER, 1"
- ⑧ EXISTING HMA SHOULDER OVERLAY
- ⑨ EXISTING AGGREGATE SHOULDER
- ⑩ EXISTING HMA BASE COURSE WIDENING, 13"
- ⑪ EXISTING SUB-BASE GRANULAR MATERIAL, 12"
- ⑫ EXISTING HMA SHOULDER, 15-1/4"



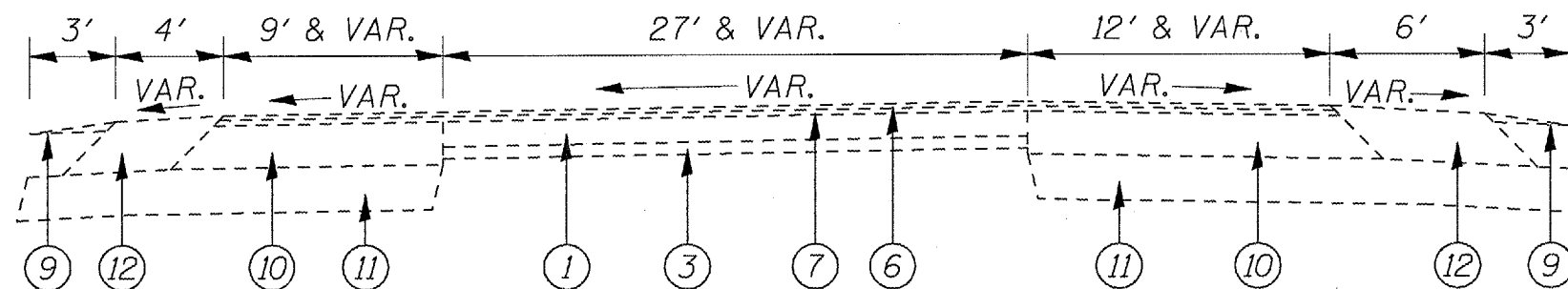
**I-72 RAMPS**

LOOKING IN DIRECTION OF TRAFFIC  
I-72 / CH 10 INTERCHANGE (NEW BERLIN)  
ALL STA ON ALL RAMPS

I-72 / WABASH AVE. INTERCHANGE  
ALL STA ON ALL RAMPS

I-72 / IL ROUTE 4 INTERCHANGE  
EB ON-RAMP IN SE QUADRANT OF INTERCHANGE (RAMP B) ALL STA  
WB ON-RAMP (RAMP D) ALL STA  
WB OFF-RAMP (RAMP C) STA 300+00.00 TO STA 312+94.69

NOTE: RAMPS IN SW QUADRANT OF INTERCHANGE (RAMPS A & E)  
ARE FULL DEPTH HMA AND SHALL NOT BE PATCHED



**I-72 RAMP**

I-72 / IL ROUTE 4 INTERCHANGE  
WB OFF RAMP (RAMP C) STA 312+94.69 TO 327+02.44

TYPICAL SECTIONS  
FAI 72 (I-72)  
DIST 6 PATCHING 2008  
SANGAMON COUNTY

PATCHING SCHEDULE

APPROX. STA	LOCATION	LENGTH (FT)	WIDTH (FT)	CL A PATCHES TY II, 11-1/4" (SQ YD)	CL A PATCHES TY III, 11-1/4" (SQ YD)	CL B PATCHES TY I, 10-1/2" (SQ YD)	CL B PATCHES TY II, 10-1/2" (SQ YD)	CL B PATCHES TY III, 10-1/2" (SQ YD)	PATCHING REINFORCEMENT (SQ YD)	SAW CUTS (FT)	DOWEL BARS (EACH)
44+50	EBDL	6	12	8.0					8.0	60	
68+25	EBDL	6	12	8.0					8.0	60	
76+50	EBDL	6	12	8.0					8.0	60	
92+00	EBDL	6	12	8.0					8.0	60	
177+00	EBDL	6	12	8.0					8.0	60	
179+25	EBDL	15	12		20.0				20.0	96	
184+50	EBDL	8	12	10.7					10.7	68	
184+50	EBPL	6	12	8.0					8.0	60	
187+50	EBDL	6	12	8.0					8.0	60	
206+25	EBDL	12	12		16.0				16.0	84	
262+80	EBDL	6	12	8.0					8.0	60	
421+25 E*	EBDL	6	12	8.0					8.0	60	
421+25 E*	EBPL	6	12	8.0					8.0	60	
426+90 E*	EBDL	6	12	8.0					8.0	60	
426+90 E*	EBPL	6	12	8.0					8.0	60	
527+00	EBDL	10	12	13.3					13.3	76	
462+80 E*	WBDL	6	12	8.0					8.0	60	
439+75 E*	WBDL	6	12	8.0					8.0	60	
427+75 E*	WBDL	6	12	8.0					8.0	60	
427+75 E*	WBPL	6	12	8.0					8.0	60	
408+75 E*	WBDL	6	12	8.0					8.0	60	
1372+25	WBPL	6	12	8.0					8.0	60	
485+50 W*	WBDL	6	12	8.0					8.0	60	
398+00 W*	WBDL	6	12	8.0					8.0	60	
395+75 W*	WBDL	6	12	8.0					8.0	60	
359+40	WBDL	6	12	8.0					8.0	60	
304+75	WBDL	6	12	8.0					8.0	60	
264+85	WBDL	6	12	8.0					8.0	60	
264+85	WBPL	6	12	8.0					8.0	60	
257+00	WBDL	6	12	8.0					8.0	60	
256+00	WBDL	6	12	8.0					8.0	60	
243+00	WBDL	6	12	8.0					8.0	60	
243+00	WBPL	6	12	8.0					8.0	60	
234+50	WBDL	6	12	8.0					8.0	60	
214+70	WBDL	6	12	8.0					8.0	60	
214+70	WBPL	6	12	8.0					8.0	60	
207+55	WBDL	6	12	8.0					8.0	60	
206+00	WBDL	6	12	8.0					8.0	60	
206+00	WBPL	6	12	8.0					8.0	60	
173+50	WBDL	6	12	8.0					8.0	60	
56+50	WBDL	10	12	13.3					13.3	76	
31+75	WBDL	6	12	8.0					8.0	60	
	CH 10 RAMPS										
223+00	EB ON-RAMP	6	16				10.7		10.7	72	14
414+70	WB ON-RAMP	8	16				14.2		14.2	80	14
	WABASH AVE. RAMPS										
35+75	EB ON-RAMP	8	16				14.2		14.2	80	14
45+00	EB ON-RAMP	6	8				5.3		5.3	48	7
3+75	WB OFF-RAMP	6	16				10.7		10.7	72	14
7+60	WB OFF-RAMP	6	16				10.7		10.7	72	14
16+00	WB OFF-RAMP	6	16				10.7		10.7	72	14
38+00	WB ON-RAMP	6	16				10.7		10.7	72	14
38+20	WB ON-RAMP	6	16				10.7		10.7	72	14
41+00	WB ON-RAMP	6	16				10.7		10.7	72	14
45+00	WB ON-RAMP	6	6			4.0			4.0	42	5
	IL ROUTE 4 RAMPS										
306+00	WB OFF-RAMP	6	16				10.7		10.7	72	14
316+00	WB OFF-RAMP (LT)**	10	12				13.3		13.3	76	11
316+00	WB OFF-RAMP (RT)**	10	12				13.3		13.3	76	11
414+75	WB ON-RAMP	6	16				10.7		10.7	72	14
417+00	WB ON-RAMP	12	16					21.3	21.3	96	14
	TOTALS:			333.3	36.0	4.0	156.6	21.3	551.2	3,766	202
	+ 10% ***:			33.3	3.6	0.4	15.7	2.1	55.1	377	20
	GRAND TOTALS:			366.6	39.6	4.4	172.3	23.4	606.3	4,143	222

NOTES:

\* DUE TO STATION EQUATIONS, STATIONS 379+00 TO 506+81.52 APPEAR TWICE WITHIN THE LIMITS OF THIS JOB. STATIONS IN THIS RANGE ARE LABELED "W" IF THEY APPEAR IN THE SECTION BETWEEN SN 084-0144 (BATES ROAD OVERHEAD) AND WABASH AVENUE, AND ARE LABELED "E" IF THEY APPEAR IN THE SECTION BETWEEN WABASH AVENUE AND IL 4.

\*\* THIS PATCH IS LIKELY TO INCLUDE HMA WIDENING ADJACENT TO THE PCC PAVEMENT (SEE TYPICAL SECTIONS). IF HMA WIDENING IS ENCOUNTERED, THE ENTIRE PATCH SHALL BE POURED IN CONCRETE. THE PATCHING REINFORCEMENT SHALL CONTINUE THROUGHOUT THE ENTIRE PATCH, BUT SHALL NOT BE TIED TO THE HMA WIDENING.

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

PATCHING SCHEDULE  
FAI 72 (I-72)  
DIST 6 PATCHING 2008  
SANGAMON COUNTY