

06-29-12 SPECIAL LETTING 006

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

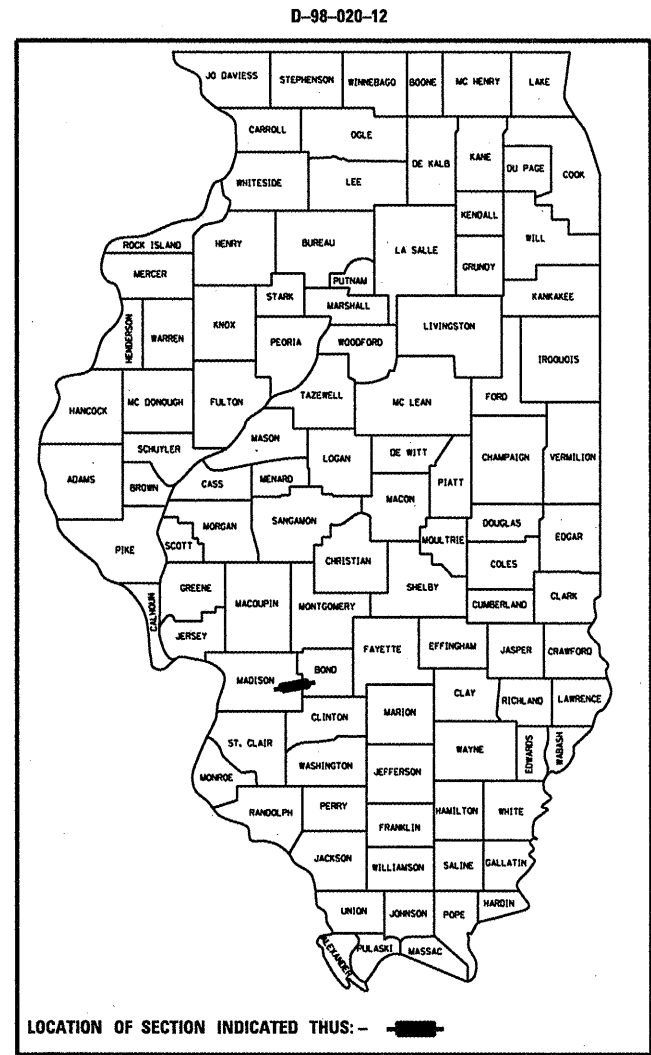
FAI ROUTE 70 (I-70)
DIST 8 PATCHING 2012-1

MADISON/BOND COUNTY

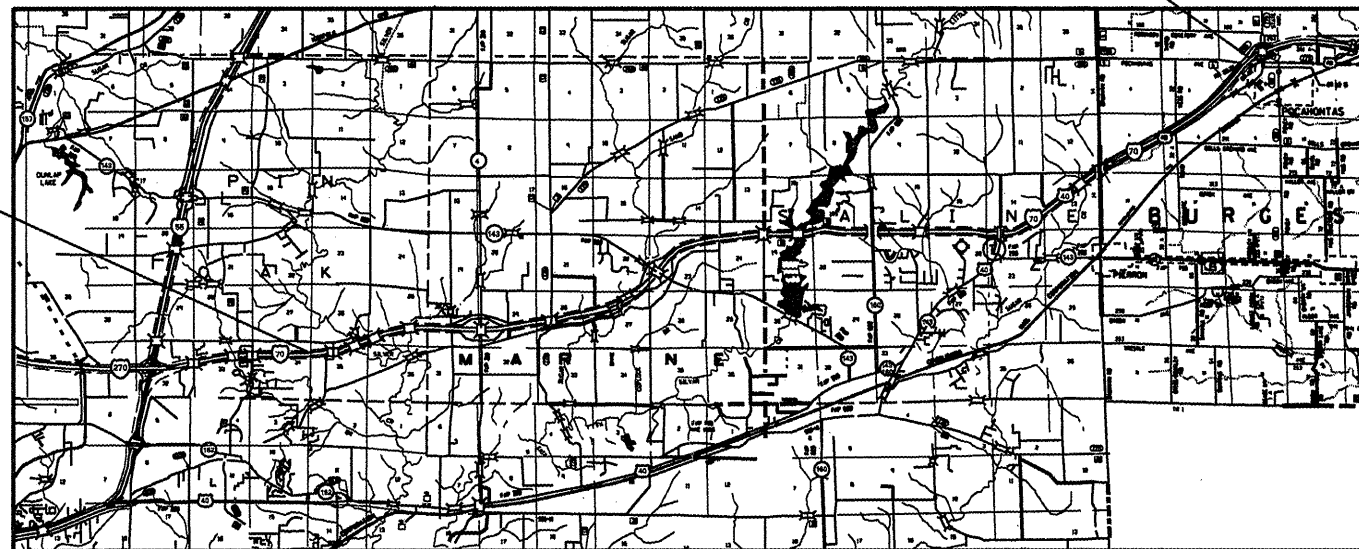
C-98-024-12

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	DIST 8 PATCHING 2012-1	ILLINOIS	8	1
* MADISON/BOND			CONTRACT NO. 76F31	

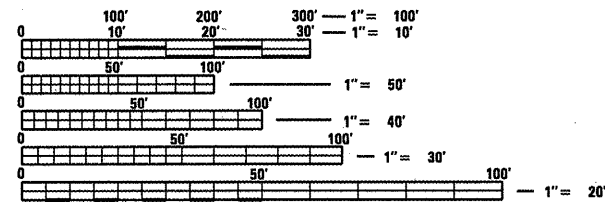
FOR INDEX OF SHEETS, SEE SHEET NO. 2



BEGIN PROJECT
LAT:38.752563
LONG:-89.899146



END PROJECT
LAT:38.831491
LONG:-89.545737



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

BRIDGE OMISSIONS

- STRS. 060-0025, 060-0026 = 185 FT
- STRS. 060-0027, 060-0028 = 110 FT
- STRS. 060-0029, 060-0030 = 126 FT
- STRS. 060-0031, 060-0032 = 174 FT

GROSS LENGTH = 98,472 FT. = 18.65 MILE
NET LENGTH = 97,877 FT. = 18.54 MILE

NOTE: SEE SHEET NO. 4 FOR BEGINNING AND ENDING LOCATIONS

I-70	2011 ADT	SU	MU
IL-55 TO IL 4	27700	3.4%	26.7%
IL 4 TO IL 143	24800	3.3%	28.6%
IL 143 TO IL 160	21100	3.7%	32.2%
IL 160 TO US 40	21400	3.3%	32.7%

PROJECT ENGINEER: PATTI LEBEAU (618) 346-3179
PROJECT MANAGER: BILLIE OWEN (618) 346-3186

CONTRACT NO. 76F31

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *February 2, 2012*

Don Osam
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

May 25, 2012
John D. Baranelli P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

May 25, 2012
William R. Freyba
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
2. THE LOCATIONS OF THE REPAIR AREAS AS SHOWN IN THE PLANS ARE APPROXIMATE LOCATIONS. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
3. ANY EXCAVATION OR DROP-OFF OF MORE THAN 3" AT EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTING.
4. 'ROAD CONSTRUCTION AHEAD' SIGNS SHALL BE PLACED AT THE BEGINNING OF THE PROJECT PLUS THE INTERSECTING SIDEROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" X 48' FLUORESCENT ORANGE.
5. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR ITS UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR ITS EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. IF 'LOCATING UNDERGROUND CABLE' IS NOT INCLUDED AS PART OF THE PLANS, THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
6. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING BY CALLING J.U.L.I.E. AND BY NOTIFYING NON-J.U.L.I.E. MEMBERS INDIVIDUALLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE GROUND	BELOW GROUND
* AMEREN ILLINOIS	X	X
* AT&T ILLINOIS	X	X
* AT&T CORPORATION		X
* BOND MADISON WATER COMPANY		X
* BUCKEYE PARTNERS L.P. - WOOD RIVER PIPELINE		X
* CENTERPOINT ENERGY		X
* CHARTER COMMUNICATIONS, INC.	X	X
* CLEARVISION CABLE SYSTEMS, INC.	X	X
* FRONTIER NORTH, INC.	X	X
* VILLAGE OF GRANTFORK		X
* CITY OF HIGHLAND (PUBLIC WORKS)		X
* CITY OF HIGHLAND (ELEC. DEPT.)	X	
* HOME TELEPHONE COMPANY	X	X
* ILLINOIS AMERICAN WATER COMP.		X
* MARATHON PIPE LINE LLC		X
* VILLAGE OF PIERRON		X
* PLAINS PIPELINE CO., L.P.		X
* VILLAGE OF POCAHONTAS		X
* SOUTHWESTERN ELECTRIC COOPERATIVE, INC.	X	X
* TRANSCANADA KEYSTONE PIPELINE		X
* CITY OF TROY		X

MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

7. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

INDEX OF SHEETS

1. COVER SHEET
2. INDEX OF SHEETS, STANDARDS, GENERAL NOTES COMMITMENTS
3. SUMMARY OF QUANTITIES
4. LOCATION MAP
- 5.-6. TYPICAL SECTIONS
- 7.-8. PATCHING SCHEDULES

STANDARDS

- 000001-06
- 421001-02
- 442001-04
- 701400-05
- 701401-06
- 701411-08
- 701901-02

COMMITMENTS

NONE

FILE NAME =	USER NAME = dntelmarjn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS, STANDARDS & COMMITMENTS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\dntelmarjn\d0284781	d076f31-shvt-pln.dgn	DRAWN -	REVISED -		70	DIST 8 PATCHING 2012-1	*	8	2				
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 76F31								
	PLOT DATE = 2/9/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	*MADISON/BOND			

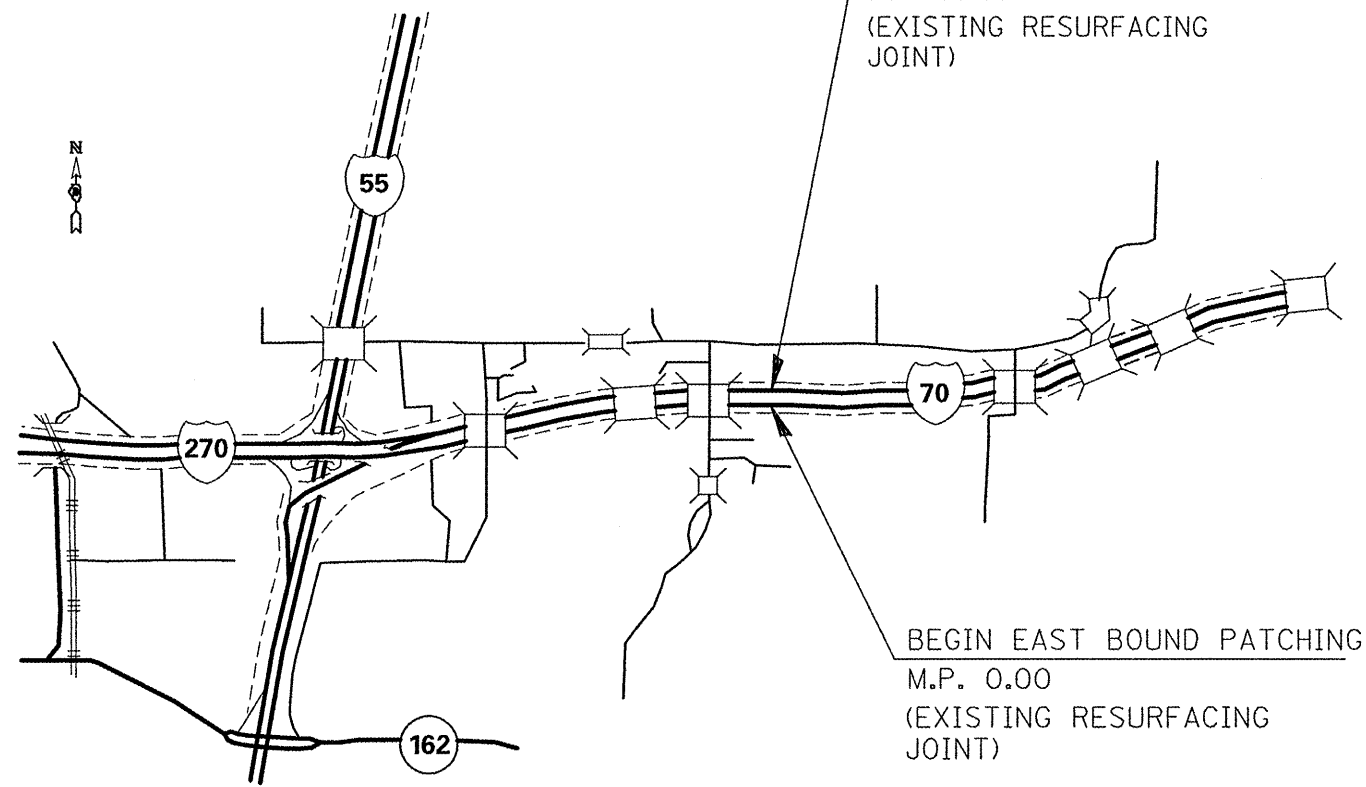
SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	100% STATE TOTAL QUANTITIES	0005			CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005		
				MADISON COUNTY	BOND COUNTY						MADISON COUNTY	BOND COUNTY	
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SQ YD	307	307			78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	25	20	5	
44200612	CLASS A PATCHES, TYPE III, 13 INCH	SQ YD	72	72									
44200614	CLASS A PATCHES, TYPE IV, 13 INCH	SQ YD	501	501									
44200649	CLASS A PATCHES, TYPE II, 18 INCH	SQ YD	14		14								
44200651	CLASS A PATCHES, TYPE IV, 18 INCH	SQ YD	134		134								
44213000	PATCHING REINFORCEMENT	SQ YD	1026	612	414								
44213200	SAW CUTS	FOOT	3604	2840	764								
44213204	TIE BARS 3/4"	EACH	245	95	150								
67100100	MOBILIZATION	L SUM	1	0.8	0.2								
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	22	18	4								
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.8	0.2								
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	750	750									
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	300		300								

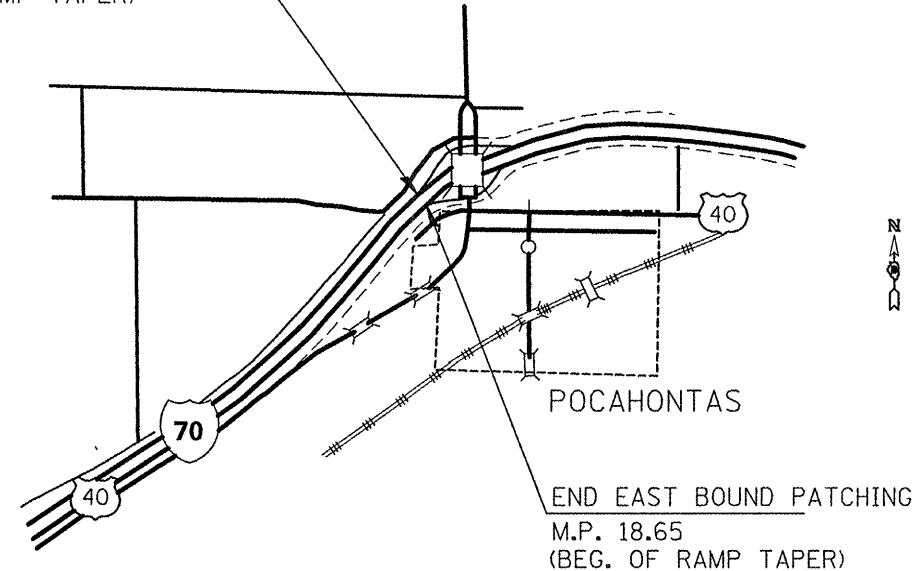
*SPECIALTY ITEM

FILE NAME =	USER NAME = dntelmarjn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\dntelmarjn\d0284781	876f31-shr-pln.dgn	DRAWN -	REVISED -									70	DIST 8 PATCHING 2012-1	*	8	3
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	PLOT DATE = 2/9/2012	DATE -	REVISED -									FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

*MADISON/BOND



BEGIN WEST BOUND PATCHING
M.P. 0.00
(END OF RAMP TAPER)



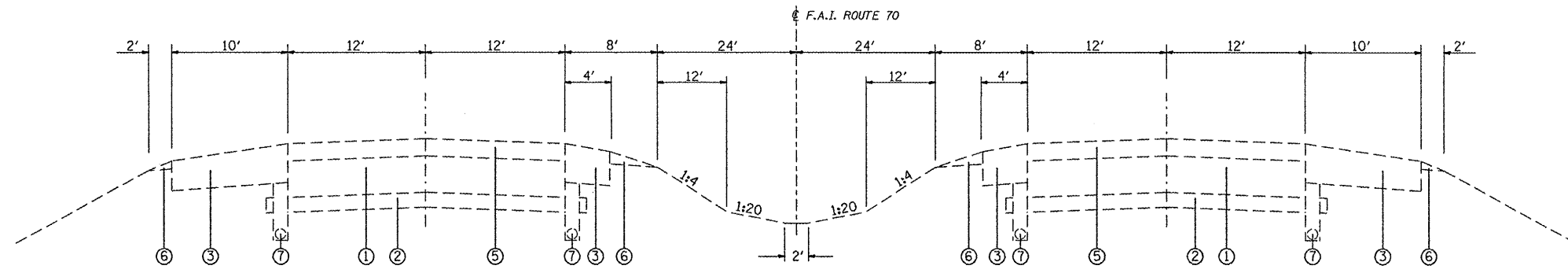
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAPS

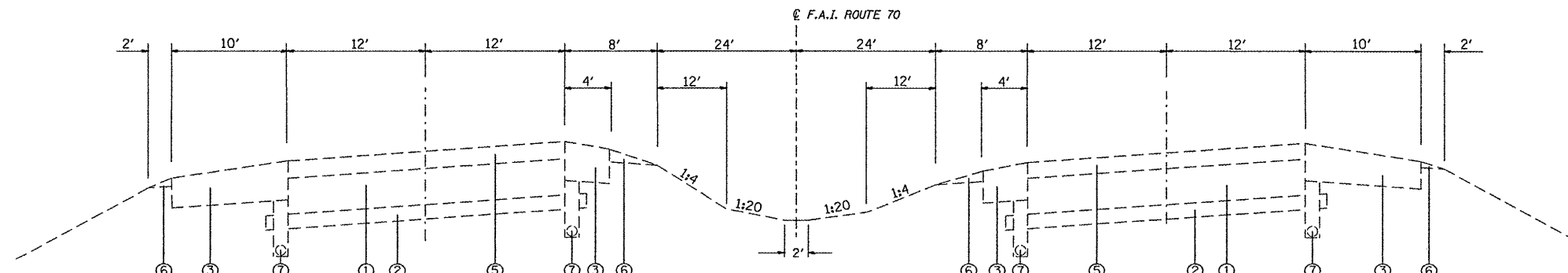
SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	DIST 8 PATCHING 2012-1	*	8	4
CONTRACT NO. 76F31				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*MADISON/BOND				



TYPICAL SECTION

M.P. 0.00 TO M.P. 5.72 (WB) M.P. 10.14 TO M.P. 10.21
M.P. 0.00 TO M.P. 5.83 (EB) M.P. 10.63 TO M.P. 10.68
M.P. 6.02 TO M.P. 6.53 (WB) M.P. 10.96 TO M.P. 13.29
M.P. 6.91 TO M.P. 7.54 (EB) M.P. 14.19 TO M.P. 14.21
M.P. 6.88 TO M.P. 7.54 (WB) M.P. 14.54 TO M.P. 14.57
M.P. 8.07 TO M.P. 9.42
M.P. 9.72 TO M.P. 9.88



TYPICAL SECTION

M.P. 5.72 TO M.P. 6.02 (WB)
M.P. 5.83 TO M.P. 6.91 (EB)
M.P. 6.53 TO M.P. 6.88 (WB)
M.P. 7.54 TO M.P. 8.07
M.P. 9.42 TO M.P. 9.72
M.P. 9.88 TO M.P. 10.14
M.P. 10.21 TO M.P. 10.63
M.P. 10.68 TO M.P. 10.96
M.P. 13.29 TO M.P. 14.19
M.P. 14.21 TO M.P. 14.54

LEGEND

- ① EXISTING 8" CONTINUOUSLY REINFORCED P.C.C. PAVEMENT
- ② EXISTING 4" STABILIZED SUB-BASE
- ③ EXISTING STABILIZED SHOULDER
- ④ EXISTING BITUMINOUS RESURFACING, 3 1/4"
- ⑤ EXISTING BITUMINOUS RESURFACING, 5"
- ⑥ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑦ EXISTING PIPE UNDERDRAINS
- ⑧ EXISTING P.C.C PAVEMENT

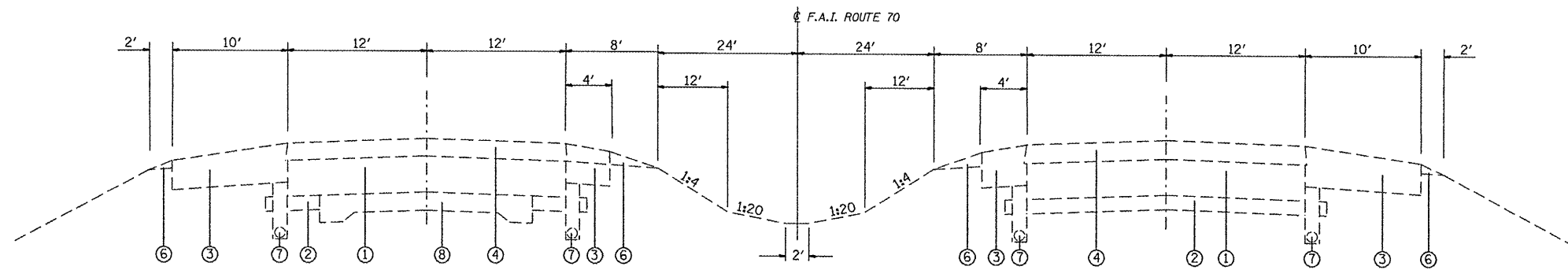
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PLOT DATE = 2/9/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

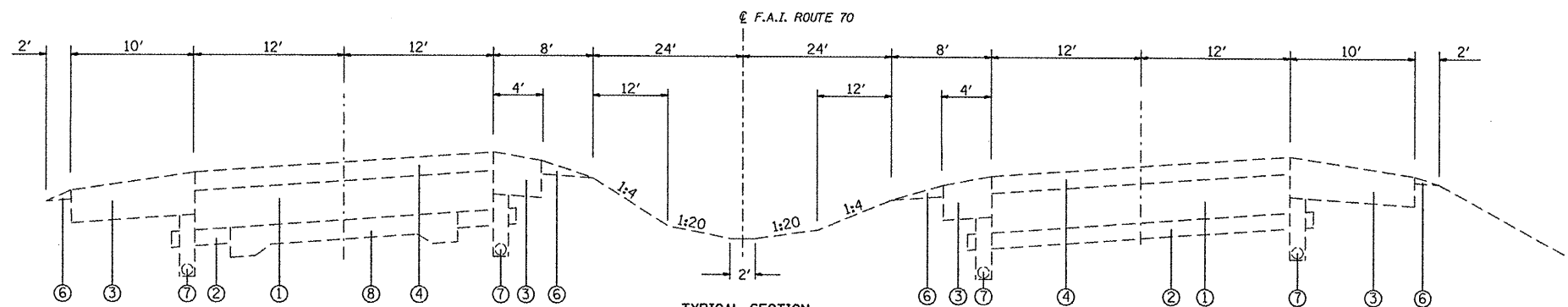
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	DIST 8 PATCHING 2012-1	*	8	5
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76F31	
*MADISON/BOND				



TYPICAL SECTION

M.P. 14.57 TO M.P. 15.56
M.P. 15.98 TO M.P. 17.34
M.P. 17.95 TO M.P. 18.65



TYPICAL SECTION

M.P. 14.57 TO M.P. 15.56
M.P. 15.56 TO M.P. 15.98
M.P. 17.34 TO M.P. 17.95

LEGEND

- ① EXISTING 8" CONTINUOUSLY REINFORCED P.C.C. PAVEMENT
- ② EXISTING 4" STABILIZED SUB-BASE
- ③ EXISTING STABILIZED SHOULDER
- ④ EXISTING BITUMINOUS RESURFACING, 3 1/4"
- ⑤ EXISTING BITUMINOUS RESURFACING, 5"
- ⑥ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑦ EXISTING PIPE UNDERDRAINS
- ⑧ EXISTING P.C.C PAVEMENT

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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/9/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	DIST 8 PATCHING 2012-1	*	8	6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76F31	
*MADISON/BOND				

LOCATION	LANE	LENGTH (FEET)	WIDTH (FEET)	CLASS A PATCHING 13"			SAW CUTS (FOOT)	PATCHING REINFORCEMENT (SQ YD)	TIE BARS (EACH)	COMMENTS
				TYPE 2	TYPE 3	TYPE 4				
				(SQ YDS)	(SQ YDS)	(SQ YDS)				
MILE PT.	DL/PL									
0.00										RESURF. JOINT
3.10	DL	12	12		16.00		72	16.00		(MILE MARKER 20)
3.70	DL	10	12	13.33			68	13.33		RTE 4 OVERPASS
3.72	DL	10	12	13.33			68	13.33		
4.80	DL	10	12	13.33			68	13.33		
4.85	DL	40	12			53.33	128	53.33	20	MARINE/ST. JACOB
5.20	DL	15	12		20.00		78	20.00		
5.40	DL	8	12	10.67			64	10.67		
6.45	DL	10	12	13.33			68	13.33		
6.50	DL	10	12	13.33			68	13.33		
6.70	DL	5	12	6.67			58	6.67		
7.53	DL	8	12	10.67			64	10.67		
7.56	DL	5	12	6.67			58	6.67		
8.00	DL	5	12	6.67			58	6.67		
8.20	DL	5	12	6.67			58	6.67		
8.65	DL	50	6			33.33	124	33.33	25	
11.00	DL	5	12	6.67			58	6.67		IL 160
11.20	DL	8	12	10.67			64	10.67		
12.20	DL	5	12	6.67			58	6.67		
12.90	DL	10	12	13.33			68	13.33		
14.47	DL	15	12		20.00		78	20.00		
15.40	DL	200	12			266.67	448	266.67	100	COUNTY LINE
EAST BOUND TOTALS				152.01	56.00	353.33	1876	561.34	145	

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	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 2/9/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PATCHING SCHEDULES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	DIST 8 PATCHING 2012-1		8	7
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76F31	
*MADISON/BOND				

LOCATION	LANE	LENGTH	WIDTH	CLASS A PATCHING 13"			CLASS A PATCHING 18"		SAW CUTS	PATCHING REINFORCEMENT	TIE BARS	COMMENTS
				TYPE 2	TYPE 3	TYPE 4	TYPE 2	TYPE 4				
MILE PT.	DL/PL	(FEET)	(FEET)	(SQ YDS)	(SQ YDS)	(SQ YDS)	(SQ YDS)	(SQ YDS)	(FOOT)	(SQ YD)	(EACH)	
0.00	DL											END OF TAPER
2.00	DL	10	12				13.33		68	13.33		
3.15	DL	100	12					133.33	248	133.33	50	COUNTY LINE
5.70	DL	10	12	13.33					68	13.33		
5.83	DL	10	12	13.33					68	13.33		
6.00	DL	8	12	10.67					64	10.67		
6.70	DL	100	6			66.67			224	66.67	50	
8.60	DL	10	12	13.33					68	13.33		END OF RAMP
9.00	DL	20	12			26.67			88	26.67		
12.20	DL	8	12	10.67					64	10.67		SN 060-0032
12.30	DL	8	12	10.67					64	10.67		SN 060-0032
12.52	DL	20	6	13.33					64	13.33		
12.72	DL	20	12			26.67			88	26.67		
13.10	DL	20	12			26.67			88	26.67		
13.20	DL	10	12	13.33					68	13.33		
13.50	DL	10	12	13.33					68	13.33		
14.00	DL	8	12	10.67					64	10.67		
16.70	DL	8	12	10.67					64	10.67		
16.80	DL	8	12	10.67					64	10.67		
17.40	DL	12	12		16.00				72	16.00		
17.80	DL	8	12	10.67					64	10.67		
WEST BOUND TOTALS				154.67	16.00	146.68	13.33	133.33	1728	464.01	100	
GRAND TOTALS				307	72	501	14	134	3604	1026	245	