

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1RS-3	MADISON	19	1
		ILLINOIS	CONTRACT NO. 76G98	
D-98-024-14				

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HIGHWAY STANDARDS

- | | |
|-----------|---|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 442201-03 | CLASS C AND D PATCHES |
| 635001-01 | DELINEATORS |
| 642001-02 | SHOULDER RUMBLE STRIPS, 16 IN. |
| 701311-03 | LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY |
| 701400-08 | APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY |
| 701401-09 | LANE CLOSURE, FREEWAY/EXPRESSWAY |
| 701411-09 | LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH |
| 701422-07 | LANE CLOSURE, MULTILANE, FOR SPEEDS >= 45 MPH TO 55 MPH |
| 701428 | TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY |
| 701451-03 | RAMP CLOSURE FREEWAY/EXPRESSWAY |
| 701456-03 | PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY |
| 701901-04 | TRAFFIC CONTROL DEVICES |
| 720011-01 | METAL POSTS FOR SIGNS, MARKERS & DELINEATORS |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |
| 781001-03 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS |

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

**F.A.I. ROUTE 270 (I-270)
SECTION 60-1RS-3
BITUMINOUS RESURFACING FROM EAST OF THE
MISSISSIPPI RIVER BRIDGE TO BRIDGES AT ST. THOMAS ROAD
MADISON COUNTY**

C-98-024-14
PROJECT: ACNHPP-0270 (404)
R.10W. | R.9W.



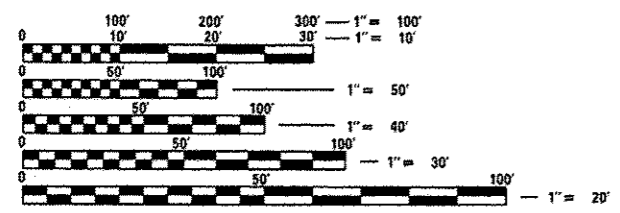
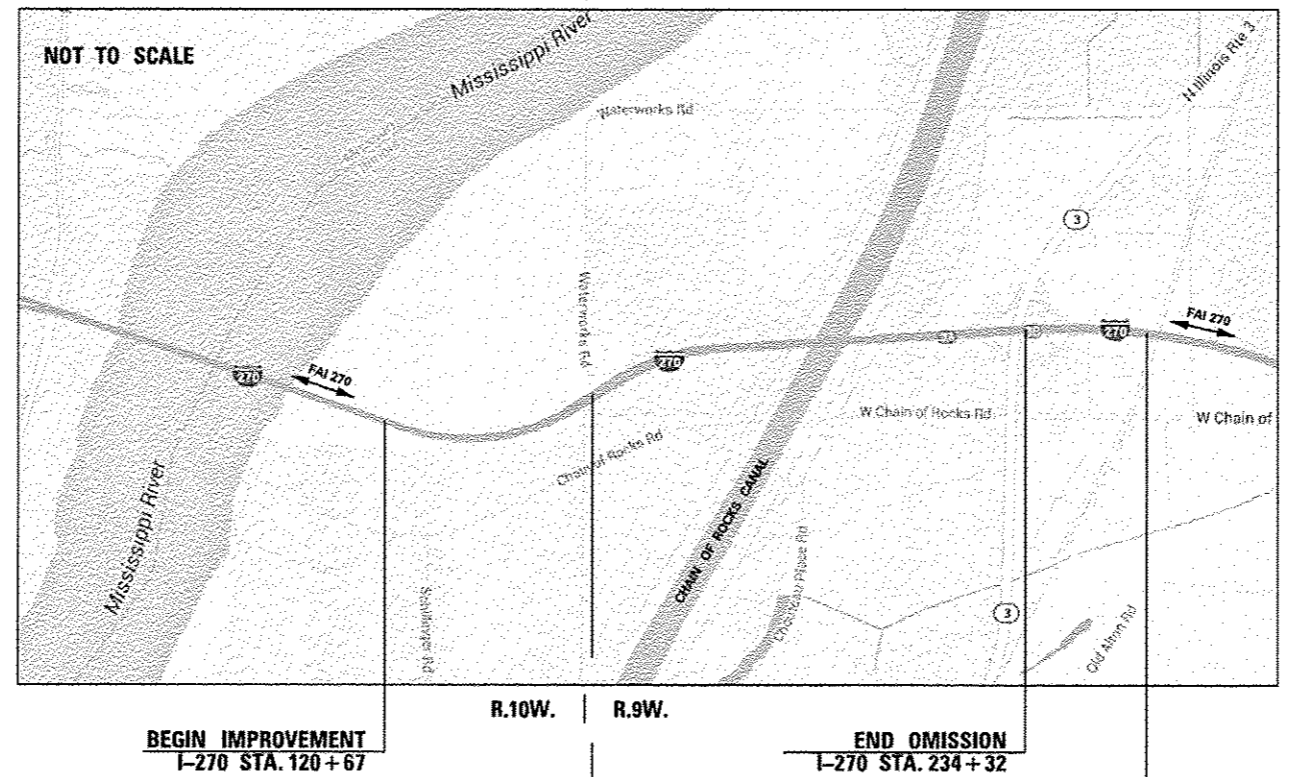
ADT VOLUMES

F.A.I. ROUTE 270 WEST OF IL RTE 3

- 2013 ADT = 52,300 (ACTUAL)
- 2014 ADT = 52,700 (ESTIMATED)
- 2034 ADT = 60,600 (ESTIMATED)
- SU = 2.4%
- MU = 14.1%

F.A.I. ROUTE 270 EAST OF IL RTE 3

- 2013 ADT = 50,300 (ACTUAL)
- 2014 ADT = 50,700 (ESTIMATED)
- 2034 ADT = 58,200 (ESTIMATED)
- SU = 2.9%
- MU = 15.5%



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

PROJECT ENGINEER PATTI LEBEAU (618) 346-3179
PROJECT MANAGER BILLIE OWEN (618) 346-3209

CONTRACT NO. 76G98

GROSS LENGTH = 13,453 FT. = 2.55 MILES
NET LENGTH = 5,821 FT. = 1.10 MILES

MICHAEL F. DEVER
082-046905
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
3/6/2015

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *March 19, 2015*

Jeffrey Z...
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

May 8, 2015
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

May 8, 2015
Omair Osman, P.E.
DIRECTOR, DIVISION OF HIGHWAYS

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707 North 2nd Street
Suite 410
St. Louis, MO 63102
(314) 296-6765

GENERAL NOTES

1. THE CONTRACTOR AND ENGINEER SHALL BE AWARE THAT THE SURVEY INFORMATION FOR THIS PROJECT SHALL BE ASSUMED TO BE APPROXIMATE. THE STATIONING AND TOPO SHOWN IN THE PLANS WERE CREATED BY COMBINING SURVEY INFORMATION FROM MULTIPLE SOURCES AND FROM FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
3. THE DISTRICT EIGHT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 10 (TEN) CALENDAR DAYS PRIOR TO THE PLACEMENT OF THE FINAL PAVEMENT MARKINGS. CONTACT JEFF ABEL (618) 346-3283.
4. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR I.T.S. UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. 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. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
5. THE CONTRACTOR SHALL BE AWARE THAT THERE MAY BE DRAINAGE STRUCTURES LOCATED WITHIN OR ADJACENT TO THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.
6. THE INTENT OF THE MILLING IS TO REMOVE THE HMA RESURFACING TO THE CONCRETE BASE. A NOMINAL DEPTH OF 4" OF EXISTING HMA RESURFACING IS ASSUMED FOR MAINLINE I-270 AND A NOMINAL DEPTH OF 4.25" OF HMA RESURFACING IS ASSUMED FOR THE RAMPS AT IL-3. THE UNDERLYING CONCRETE BASE SHALL NOT BE DISTURBED.
7. AN ESTIMATED QUANTITY OF 8,950 TONS OF CUTTINGS FROM THE HMA SURFACE REMOVAL OPERATION IS ANTICIPATED.
8. THE CONTRACTOR IS TO USE FULL LANE WIDTH (12 FT WIDE) DURING BITUMINOUS SURFACE REMOVAL.
9. THE NOMINAL THICKNESS FOR BINDER AND SURFACE COURSE IS SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES, OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE BASE ITEMS SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION, EXCEPT AS NOTED BELOW.
10. THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
11. A NOTCHED WEDGE LONGITUDINAL JOINT SHALL BE USED BETWEEN SUCCESSIVE PASSES OF HMA SURFACE COURSE THAT HAS A DIFFERENCE IN ELEVATION OF GREATER THAN 2 IN. BETWEEN LANES ON PAVEMENT THAT IS OPEN TO TRAFFIC. THE LONGITUDINAL JOINT SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.06 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
12. CONCRETE PATCHES ARE LOCATED WITHIN THE EXISTING HMA ROADWAY SURFACE. THESE PATCHES WILL BE REMOVED DURING NORMAL MILLING OPERATIONS AND BE PAID FOR AS HMA SURFACE REMOVAL.
13. PAVEMENT PATCHING WILL CONSIST OF CLASS D PATCHES. PATCHING QUANTITIES MAY VARY BASED ON CONDITIONS DISCOVERED DURING MILLING OPERATIONS.

GENERAL NOTES CON'T.

14. SHOULDER RUMBLE STRIPS SHALL BE INSTALLED PRIOR TO APPLYING THE FOG SEAL IN LOCATIONS WHERE RUMBLE STRIPS ARE TO BE RE-CUT. SEE SCHEDULES FOR LOCATIONS OF RUMBLE STRIP INSTALLATION.
15. EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS.
16. "UNEVEN LANE" SIGNS SHALL BE PLACED ON ROADWAYS WHERE THERE IS A SURFACE DIFFERENTIAL BETWEEN ADJACENT OPEN LANES. THE MAXIMUM DIFFERENTIAL BETWEEN ADJACENT OPEN LANES SHALL BE TWO (2) INCHES AND THIS CONDITION SHALL NOT EXIST FOR MORE THAN 48 HOURS AT ANY LOCATION.
17. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING ROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" X 48" FLUORESCENT ORANGE.
18. THE CONTRACTOR SHALL MAINTAIN POSITIVE AND ADEQUATE DRAINAGE AT ALL TIMES. AFTER BITUMINOUS MILLING OPERATIONS, THE CONTRACTOR SHALL ASSURE WATER DOES NOT COLLECT AT THE EDGES OF PAVEMENT AT ANY LOCATION. ANY WATER ACCUMULATED SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
19. ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
20. ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES UNLESS OTHERWISE NOTED IN THE PLANS.
21. 6 CHANGEABLE MESSAGE SIGNS SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED 2 WEEKS PRIOR TO ANY LANE CLOSURE. THE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER.
22. THE DELINEATOR PAY ITEM SHALL COVER FURNISHING, INSTALLING, REMOVING, AND REINSTALLING BROKEN OR MISSING DELINEATOR POSTS AND REFLECTORS. THE DELINEATOR POSTS AND REFLECTORS SHALL BE INSTALLED AT SPACINGS AND LOCATIONS AS DIRECTED BY THE ENGINEER.
23. THE CONTRACTOR SHALL REPAINT THE TRIANGLES ON THE SHOULDERS WHICH IDENTIFY THE LOCATIONS OF DRAINAGE AND UNDERDRAIN OUTLETS. THE PAINTED TRIANGLES SHALL BE LOCATED AS DIRECTED BY THE ENGINEER. (26 LOCATIONS WERE ASSUMED.)
24. 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.

GENERAL NOTES CON'T.

25. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE GROUND	BELOW GROUND
• AMEPEN ILLINOIS (GAS & ELECTRIC)	X	X
• AT&T ILLINOIS (COMMUNICATIONS)	X	X
• BUCKEYE PARTNERS L.P. - WOOD RIVER PIPELINE		X
• CHARTER COMMUNICATIONS, INC. (CABLE TV)	X	X
• DEPARTMENT OF CENTRAL MANAGEMENT SERVICES (COMMUNICATIONS)	X	X
• ENABLE-MISSISSIPPI RIVER TRANSMISSION, LLC (PIPELINE)		X
• CITY OF GRANITE CITY (SANITARY SEWER)		X
• ILLINOIS AMERICAN WATER COMPANY (WATER)		X
• LACLEDE PIPELINE COMPANY (PIPELINE)		X
• LEVEL 3 COMMUNICATIONS, LLC (COMMUNICATIONS)	X	X
• CITY OF MADISON (SANITARY SEWER)		X
• MADISON COUNTY (SANITARY SEWER)		X
• MITCHELL PUBLIC WATER DISTRICT (WATER)		X

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY * . NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

26. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

MIXTURE USE	POLY SMA SURFACE/BINDER	PATCHING	SHOULDERS ≥ 2.25"	SHOULDERS < 2.25"
AC/PC	SBS PG 76-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=80	4.0% @ Ndes=90	4.0% @ Ndes=30	4.0% @ Ndes=30
MIX COMPOSITION	---	---	---	---
GRADATION MIXTURE	SEE SPEC.	IL 19.0	IL 19.0L	IL 9.5L
FRICTION AGG	SMA	MIXTURE "B"	---	---
DUALITY MGMT PROGRAM	PF	OC/OA	OC/OA	OC/OA

PLAN QUANTITIES FOR HMA SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SO YD/IN (59.8 KG/SO M/25 MM THICKNESS).

RATES OF APPLICATION

THE FOLLOWING FACTORS WERE USED FOR PLAN QUANTITIES AND SHALL NOT BE USED FOR FINAL QUANTITIES.

HOT-MIX ASPHALT:
SURFACE, BINDER, LEVEL BINDER 0.056 TONS/SO YD/IN

BITUMINOUS MATERIALS (PRIME COAT):
PCC AND COLD MILLED SURFACES 0.05 LBS/SF
FOG COAT ON NEW BINDER 0.025 LBS/SF
AGGREGATE BASE 0.25 LBS/SF
HIGHLY OXIDIZED HMA (SHLD FOG SEAL) 0.08 LBS/SF

I-270 WB - LANE RESTRICTIONS SCHEDULE

SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY		
LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	
12A 3A 5A	9A 12P 3P 6P	9P 12A 3A 5A	9A 12P 3P 6P	9P 12A 3A 5A	9A 12P 3P 6P	9P 12A 3A 5A	9A 12P 3P 6P	9P 12A 3A 5A	9A 12P 3P 6P	9P 12A 3A 5A	9A 12P 3P 6P	9P 12A 3A 5A	9A 12P 3P 6P	9P 12A 3A 5A	9A 12P 3P 6P	9P 12A 3A 5A	9A 12P 3P 6P	9P 12A 3A 6A 9A 12P 3P 6P	9P 12A	

NOTE: LANE RESTRICTION CLOSURES APPLY TO MAINLINE WORK ONLY. RAMPS ARE TO BE COMPLETED AS FULL CLOSURES AND THEREFORE LANE RESTRICTIONS DO NOT APPLY.

I-270 EB - LANE RESTRICTIONS SCHEDULE

SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY		
LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	NO LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	LANE RESTRICTIONS PERMITTED	
12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A 3A 6A 9A 12P 3P	7P 9P 12A	

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PLOT SCALE = 100,0000' / 1"	CHECKED -	REVISED -	270						60-IRS-3	MADISON	19	2	
Default	PLOT DATE = 3/12/2015	DATE -	REVISED -						CONTRACT NO. 76C98				
									ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	90% FED 10% STATE URBAN TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY 0005	EXPERIMENTAL FEATURE FOG SEAL 0005
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	27065	27065	
40600285	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	POUND	18650	18650	
40600990	TEMPORARY RAMP	SQ YD	247	247	
40603100	HOT-MIX ASPHALT BINDER COURSE, IL-19.0L, N30	TON	25	25	
40603153	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	9028	9028	
40603305	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	22	22	
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	33516	33516	
44000166	HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/4"	SQ YD	6578	6578	
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	124	124	
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	19	19	
63500105	DELINEATORS	EACH	46	46	
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	3727	3727	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4	
67100100	MOBILIZATION	L SUM	1	1	

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#MODELNAME#	PLOT DATE = 3/19/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-IRS-3	MADISON	19	3
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.			CONTRACT NO. 76698	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	90% FED 10% STATE URBAN TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY 0005	EXPERIMENTAL FEATURE
					FOG SEAL 0005
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	80	80	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	18	18	
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2474	2474	
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	46	46	
* 78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	31508	31508	
* 78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	3081	3081	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	398	398	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	369	369	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
X7010410	SPEED DISPLAY TRAILER	CAL MO	6	6	
20034105	MATERIAL TRANSFER DEVICE	TON	9028	9028	
X0500001	POLYMERIZED BITUMINOUS MATERIALS (FOG SEAL)	POUND	18650		18650
φ 20076600	TRAINEES	HOOR	1000	1000	
φ 20076604	TRAINEES TRAINING PROGRAM GRADUATE	HOOR	1000	1000	

* SPECIALTY ITEM φ 0042

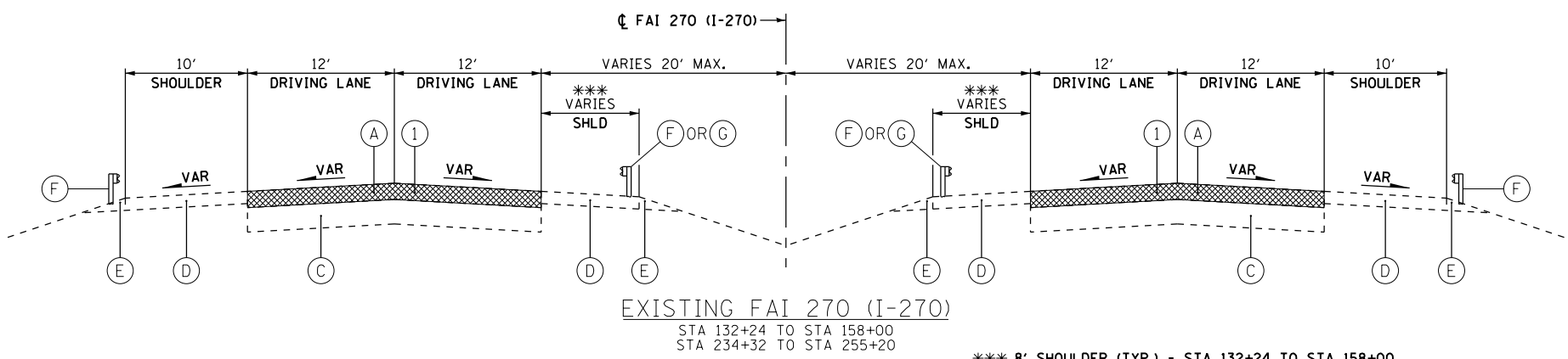
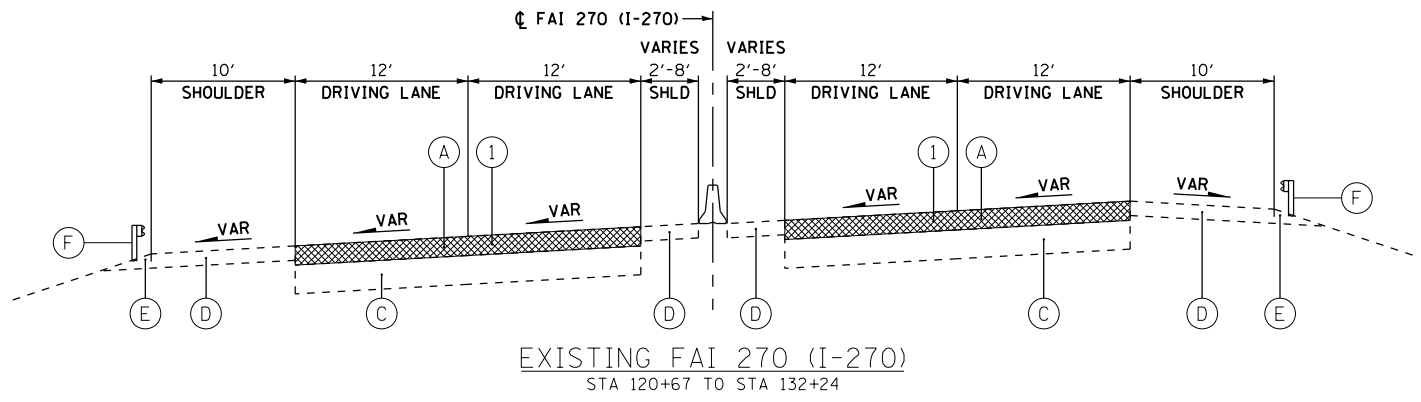
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PLOT DATE * 3/18/2015		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

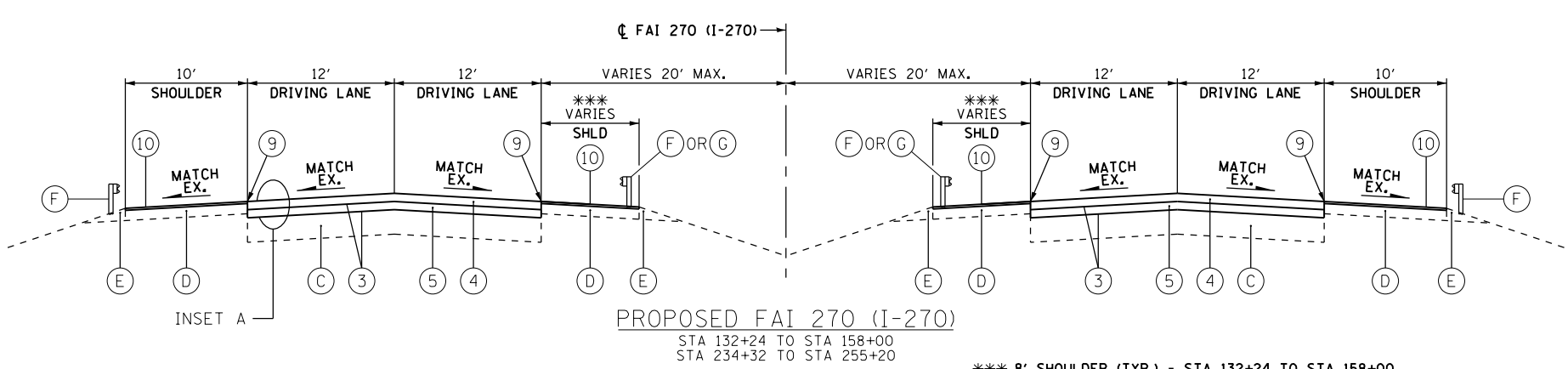
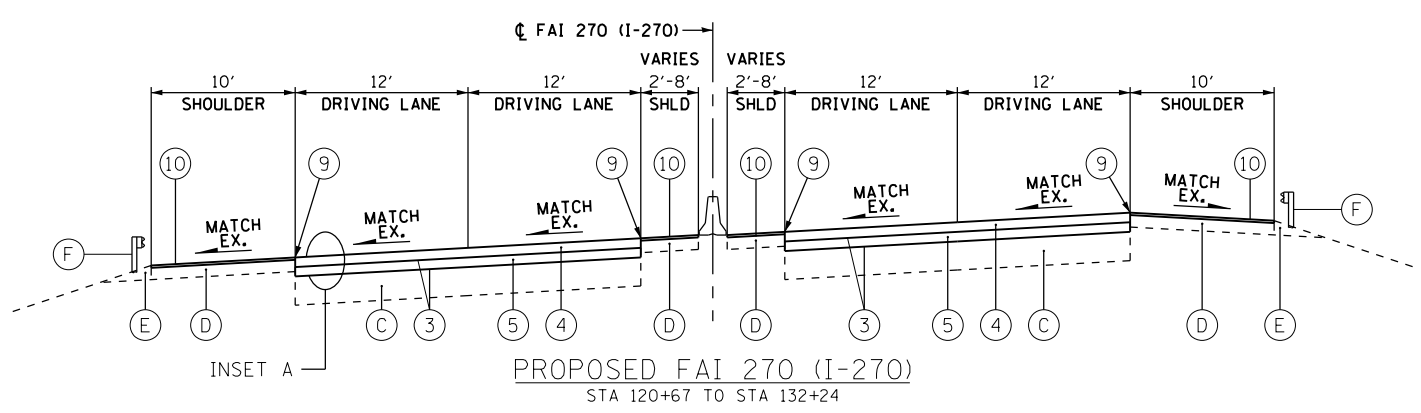
SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-IRS-3	MADISON	19	4
CONTRACT NO. 76C98				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF 2 SHEETS STA. TO STA.



*** 8' SHOULDER (TYP.) - STA 132+24 TO STA 158+00
4' SHOULDER (TYP.) - STA 234+32 TO STA 255+20
8' SHOULDER (APPROX.) - WHERE CABLE MEDIAN BARRIER PRESENT



*** 8' SHOULDER (TYP.) - STA 132+24 TO STA 158+00
4' SHOULDER (TYP.) - STA 234+32 TO STA 255+20
8' SHOULDER (APPROX.) - WHERE CABLE MEDIAN BARRIER PRESENT

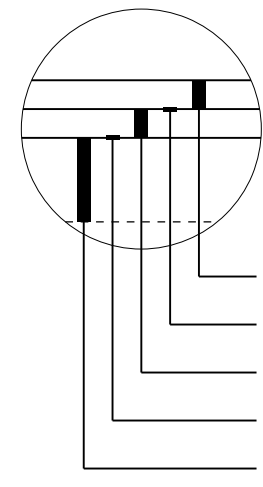
LEGEND:

- (A) EXISTING BITUMINOUS PAVEMENT (NOMINAL 4" THICK.)
- (B) EXISTING BITUMINOUS PAVEMENT (NOMINAL 4 1/4" THICK.)
- (C) EXISTING CONCRETE PAVEMENT (10")
- (D) EXISTING BITUMINOUS SHOULDER
- (E) EXISTING AGGREGATE SHOULDER
- (F) EXISTING GUARDRAIL
- (G) EXISTING CABLE MEDIAN BARRIER
- (1) HOT-MIX ASPHALT SURFACE REMOVAL - 4"
- (2) HOT-MIX ASPHALT SURFACE REMOVAL - 4 1/4"
- (3) PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- (4) PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, N80 - 2" (SECOND LIFT)
- (5) PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, N80 - 2" (FIRST LIFT)
- (6) PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, N80 - 2 1/4" (FIRST LIFT)
- (7) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 - 2"
- (8) HOT-MIX ASPHALT BINDER COURSE, IL-19.0L, - 2 1/4"
- (9) TEMPORARY RAMP
- (10) FOG SEAL

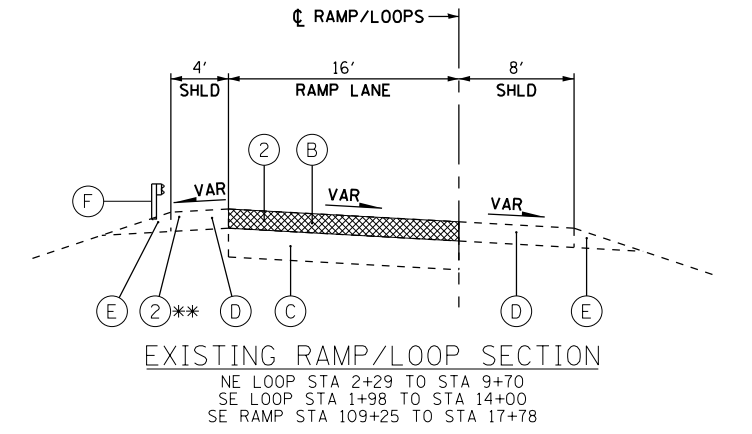
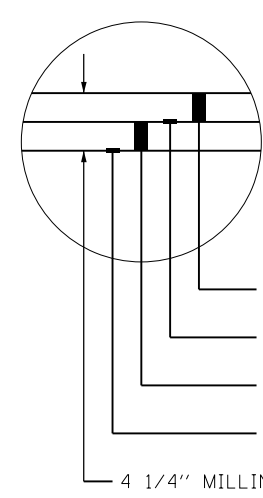
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TO BE REMOVED

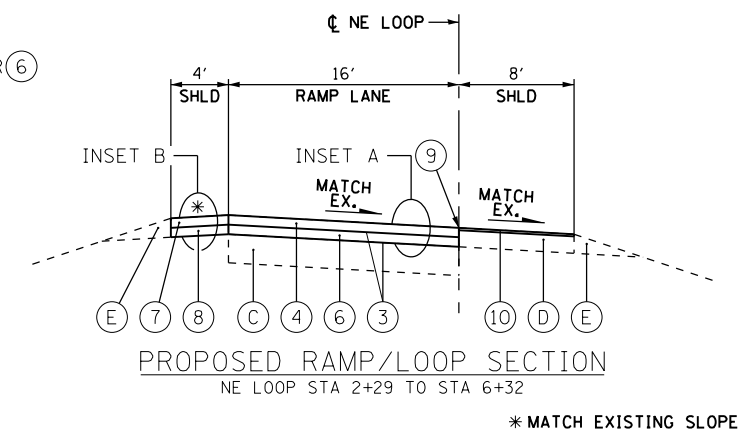
INSET A



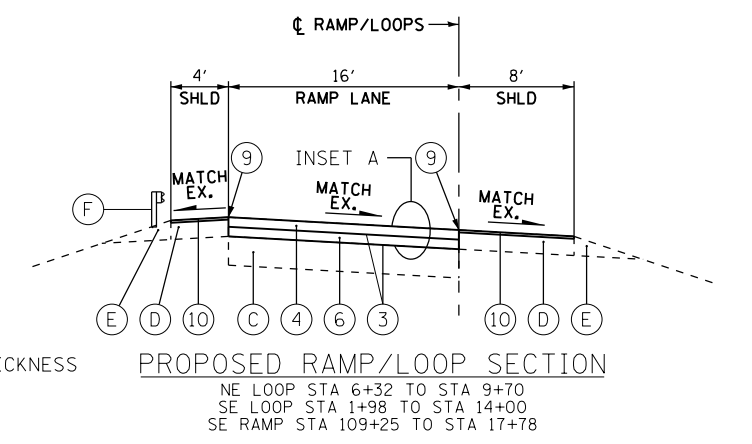
INSET B



*** NE LOOP STA 2+29 TO STA 6+32



* MATCH EXISTING SLOPE



4 1/4" MILLING THICKNESS

FILE NAME =	USER NAME = mjreker	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Gr:\SL14\0016\Road\dgn\0876098-TYP-001.dgn		DRAWN - MJR	REVISED -			270	60-IRS-3	MADISON	19	5	
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 76C98					
	PLOT DATE = 3/11/2015	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

RESURFACING SCHEDULE									
STATION	TO	STATION	OFFSET	BIT MATLS PR CT (POUND)	POLY HMA SC SMA N80		NMA BC N30 IL-19.0L (TON)	HMA SC N30 MIX "C" IL-9.5L (TON)	TEMPORARY RAMP (SQ YD)
					FIRST LIFT (TON)	SECOND LIFT (TON)			
FAI 270 EB									
121+08		158+00	12' LT-12' RT	6,687	1,110	1,110			53
234+32		255+08	12' LT-12' RT	3,725	618	618			53
234+32		237+19	12' RT-55' RT	470	78	78			13
237+19		240+16	12' RT-20' RT	104	17	17			
243+30		253+09	12' RT-43' RT	932	155	155			
FAI 270 WB									
120+67		158+00	12' LT-12' RT	6,679	1,108	1,108			53
234+52		255+20	12' LT-12' RT	3,732	619	619			53
234+52		236+30	12' LT-45' LT	297	49	49			20
SE LOOP									
1+98		14+00	0' RT-16' LT	1,484	277	246			
NE LOOP									
2+29		9+70	0' RT-16' LT	925	173	154			
2+29		6+32	16' LT-20' LT	133			25	22	
SE RAMP									
109+25		17+78	0' RT-16' LT	1,026	192	170			
IL-RTE 3									
1355+96		1363+15	12' LT-55' LT	873	163	145			
SUBTOTAL				27,065	4,559	4,469	25	22	247
TOTAL				27,065	9,028		25	22	247

PAVEMENT MARKING SCHEDULE								
STATION	TO	STATION	TYPE	PREFORMED PLASTIC, TYPE B, INLAID			SHORT TERM PAVEMENT MARKING (FT)	RAISED REF PVMT MARKER ONE WAY EACH
				4" STRIPE		8" STRIPE		
				WHITE (FT)	YELLOW (FT)	WHITE (FT)		
FAI 270 EB								
120+67		158+00	SKIP DASH	940				94
			SINGLE SOLID	3,768	3,745		677	
234+32		255+08	SKIP DASH	520		54		95
			SINGLE SOLID	2,044	2,073	970	424	
FAI 270 WB								
120+67		158+00	SKIP DASH	930				93
			SINGLE SOLID	3,899	3,721		669	
234+52		255+20	SKIP DASH	520		108		69
			SINGLE SOLID	1,309	2,071	992	403	
SE LOOP								
2+18		13+57	SINGLE SOLID	1,139	1,207		95	4
NE LOOP								
2+73		9+46	SINGLE SOLID	673	727		57	4
SE RAMP								
109+25		17+39	SINGLE SOLID	816	816		66	
IL-RTE 3								
1355+41		1363+66	SKIP DASH			92		39
			SINGLE SOLID	792		864	83	
SUBTOTAL				17,148	14,360	3,081	2,474	398
TOTAL					31,508	3,081	2,474	398

FOG SEAL SCHEDULE				
STATION	TO	STATION	OFFSET	POLY BIT MATLS (FOG SEAL) (POUND)
FAI 270 EB				
121+08		158+00	12' RT-22' RT	2,152
120+67		158+00	12' LT-20' LT	3,305
155+82		156+18	16' LT-48' LT	64
234+32		255+08	12' LT-VAR LT	1,199
234+32		237+12	23' RT-62' RT	144
237+19		243+29	12' RT-30' RT	486
243+34		255+08	12' RT-51' RT	791
FAI 270 WB				
120+67		158+00	12' RT-20' RT	2,146
120+67		158+00	12' LT-22' LT	3,225
234+52		255+20	12' RT-VAR RT	1,026
234+52		236+24	29' LT-52' LT	98
236+30		245+44	12' LT-25' LT	826
252+90		255+20	12' LT-22' LT	184
SE LOOP				
1+97		14+00	16' LT-20' LT	410
1+97		14+00	0' RT-8' RT	758
NE LOOP				
2+29		9+70	0' RT-8' RT	452
6+32		9+70	16' LT-20' LT	116
SE RAMP				
109+25		17+78	16' LT-20' LT	274
109+25		17+78	0' RT-8' RT	547
IL-RTE 3				
1356+01		1363+15	26' LT-62' LT	450
TOTAL				18,650

REMOVAL SCHEDULE						
STATION	TO	STATION	OFFSET	HMA SURF REM 4	HMA SURF REM 4 1/4	RAISED REF PVT MK REM (EACH)
				(SQ YD)	(SQ YD)	
FAI 270 EB						
121+08		158+00	12' LT-12' RT	9,907		94
234+32		255+08	12' LT-12' RT	5,518		52
234+32		237+19	12' RT-55' RT	696		28
237+19		240+16	12' RT-20' RT	153		
243+30		253+09	12' RT-43' RT	1,381		
FAI 270 WB						
120+67		158+00	12' LT-12' RT	9,894		93
234+52		255+20	12' LT-12' RT	5,528		66
234+52		236+30	12' LT-45' LT	440		
SE LOOP						
1+98		14+00	0' RT-16' LT		2,198	4
NE LOOP						
2+29		9+70	0' RT-16' LT		1,370	4
2+29		6+32	16' LT-20' LT		197	
SE RAMP						
109+25		17+78	0' RT-16' LT		1,520	
IL-RTE 3						
1355+96		1363+15	12' LT-55' LT		1,293	28
TOTAL				33,516	6,578	369

PAVEMENT PATCHING SCHEDULE						
STATION	OFFSET LANE	LENGTH (FT)	WIDTH (FT)	CLASS D PATCHES 10 INCH		
				TYPE II (SQ YD)	TYPE III (SQ YD)	
				FAI 270 EB		
123+00	RT	6	12	8		
138+15	LT	6	12	8		
FAI 270 WB						
122+60	RT	9	12	12		
124+30	RT	6	12	8		
124+85	RT	6	12	8		
127+83	RT	6	12	8		
128+38	RT	6	12	8		
131+64	RT	14	12		18.67	
131+97	RT	6	12	8		
133+55	RT	6	12	8		
134+10	RT	6	12	8		
134+70	RT	6	12	8		
135+00	RT	6	12	8		
141+00	RT	6	12	8		
142+58	RT	6	12	8		
144+55	RT	6	12	8		
TOTAL				124	18.67	

SHOULDER RUMBLE STRIP SCHEDULE				
STATION	TO	STATION	OFFSET	SHOULDER RUM STRIP 16 (FT)
FAI 270 EB				
121+08		158+00	12' RT	3,727
TOTAL				3,727

DELINEATOR SCHEDULE	
LOCATION	DELINEATORS (EACH)
SE LOOP	20
NE LOOP	16
SE RAMP	10
TOTAL	46

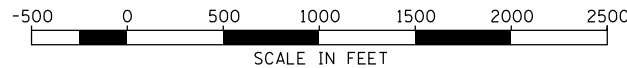
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Default	PLOT DATE = 3/24/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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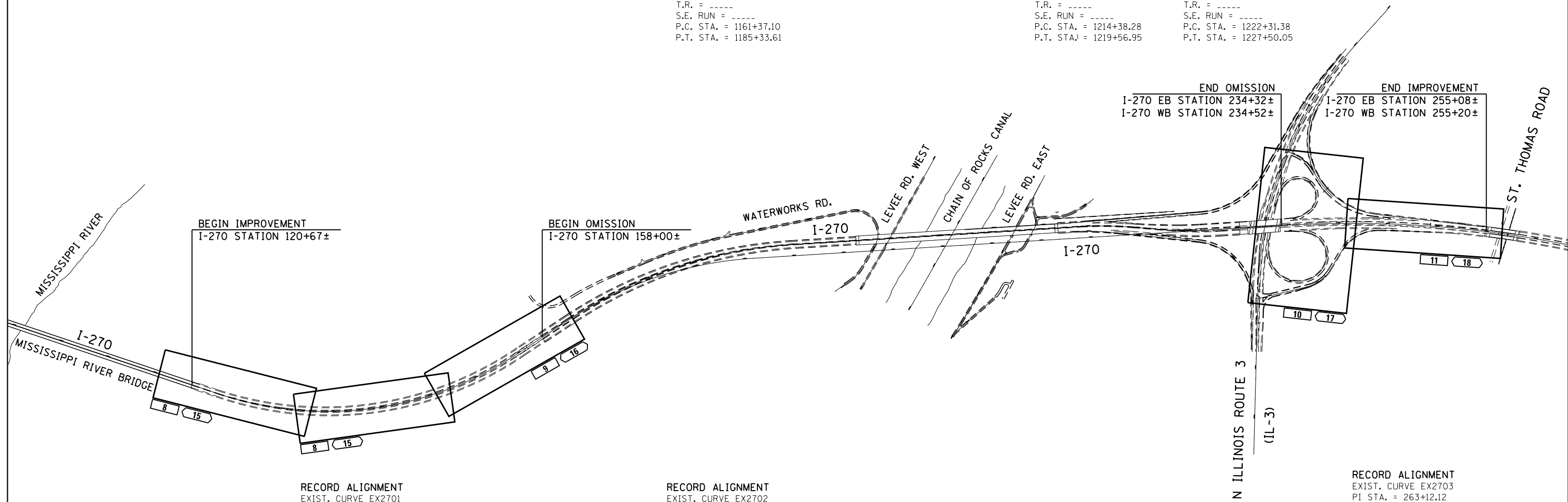
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-IRS-3	MADISON	19	6
				CONTRACT NO. 76C98
ILLINOIS FED. AID PROJECT				



**RECORD ALIGNMENT
I-270 RE-ALIGNMENT
CONTRACT 7A691**
 CURVE PR-270-1
 PI STA. = 1173+63.21
 $\Delta = 29^\circ 51' 00''$ (RT)
 D = $1^\circ 14' 44''$
 R = 4,600.00'
 T = 1,226.11'
 L = 2,396.51'
 E = 160.60'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1161+37.10
 P.T. STA. = 1185+33.61

**RECORD ALIGNMENT
I-270 RE-ALIGNMENT
CONTRACT 7A691**
 CURVE PR-270-2
 PI STA. = 1216+98.06
 $\Delta = 8^\circ 15' 18''$ (RT)
 D = $1^\circ 35' 30''$
 R = 3,600.00'
 T = 259.78'
 L = 518.67'
 E = 9.36'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1214+38.28
 P.T. STA. = 1219+56.95

**RECORD ALIGNMENT
I-270 RE-ALIGNMENT
CONTRACT 7A691**
 CURVE PR-270-3
 PI STA. = 1224+91.16
 $\Delta = 8^\circ 15' 18''$ (LT)
 D = $1^\circ 35' 30''$
 R = 3,600.00'
 T = 259.78'
 L = 518.67'
 E = 9.36'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1222+31.38
 P.T. STA. = 1227+50.05



RECORD ALIGNMENT
 EXIST. CURVE EX2701
 PI STA. = 140+67.61
 $\Delta = 53^\circ 02' 19''$ (LT)
 D = $1^\circ 38' 56''$
 R = 3,475.00'
 T = 1,734.03'
 L = 3,216.80'
 E = 408.62'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 123+33.58
 P.T. STA. = 155+50.38

RECORD ALIGNMENT
 EXIST. CURVE EX2702
 PI STA. = 171+34.17
 $\Delta = 29^\circ 51' 00''$ (RT)
 D = $1^\circ 30' 00''$
 R = 3,819.72'
 T = 1,018.13'
 L = 1,990.00'
 E = 133.36'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 161+16.04
 P.T. STA. = 181+06.04

RECORD ALIGNMENT
 EXIST. CURVE EX2703
 PI STA. = 263+12.12
 $\Delta = 28^\circ 51' 00''$ (RT)
 D = $0^\circ 31' 00''$
 R = 11,089.50'
 T = 2,852.46'
 L = 5,583.87'
 E = 360.98'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 234+59.66
 P.T. STA. = 290+43.53

SHEET LEGEND

RESURFACING PLAN SHEETS XX
PAVEMENT MARKING PLAN SHEETS XX

BENCHMARKS

BM 270-12	CUT "□" ON EAST CORNER OF A TRAFFIC SIGNAL CONTROLLER BOX FOUNDATION AT THE SW CORNER OF IL-3 AND W. CHAIN OF ROCKS ROAD. ELEV. = 413.989' STATION/OFFSET: 230+02.2, 1509.5' RT
BM 270-13	CUT "□" ON CENTER HEADWALL ON EAST SIDE OF IL-3, NORTH OF I-270, BETWEEN ENTRANCE AND EXIT RAMP FOR WB I-270. ELEV. = 415.861' STATION/OFFSET: 1354+50.1, 64.5' RT
BM 270-17	CUT "□" ON SOUTH SIDE OF LIGHT POLE FOUNDATION (POLE #17) AT NW CORNER OF WB I-270 BRIDGE OVER IL-3. ELEV. = 435.942' STATION/OFFSET: 231+51.5, 68.3' LT

NOTE: BENCHMARK INFORMATION TAKEN FROM RECORD PLAN CONTRACT NO. 76A91-106.

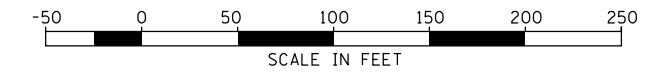
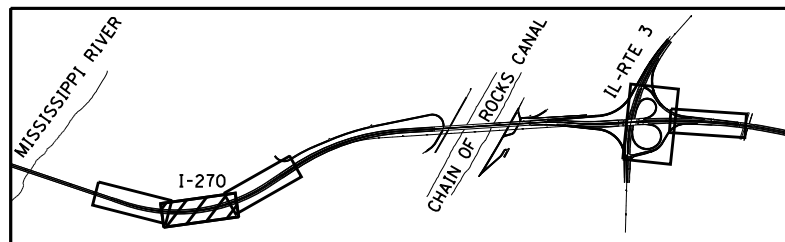
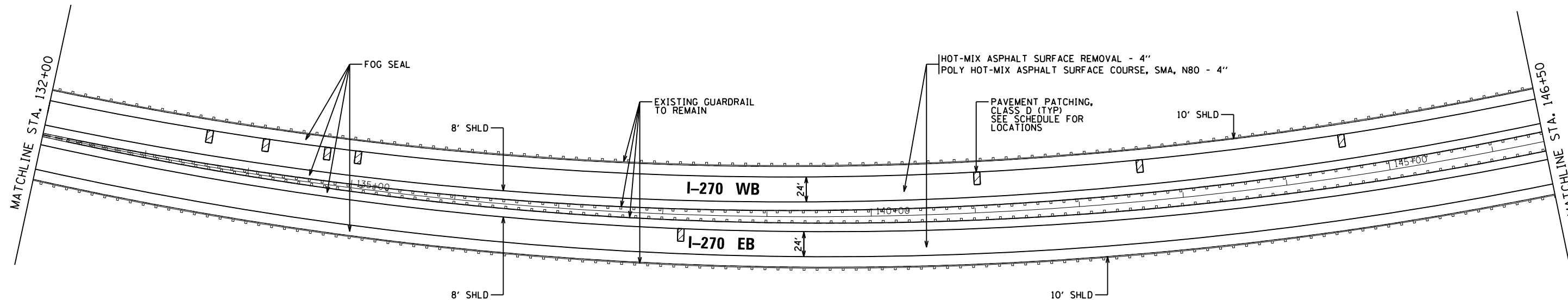
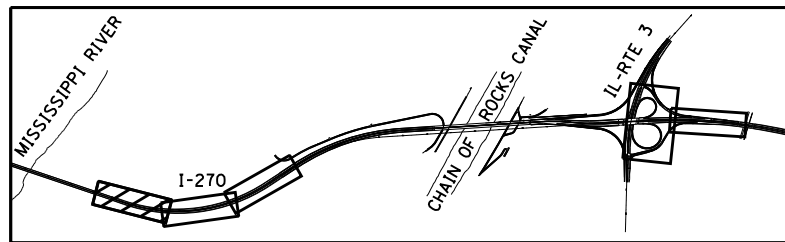
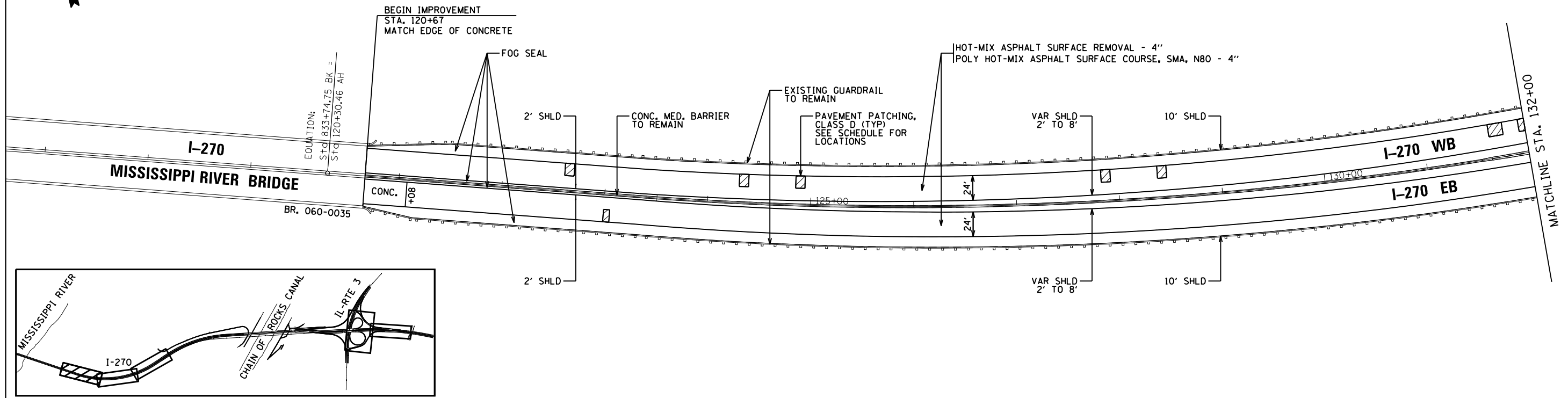
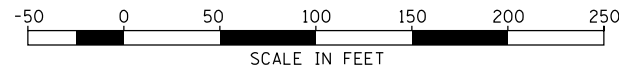
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Default	PLOT SCALE = 1000.0000 "/ in.	CHECKED -	REVISED -
	PLOT DATE = 2/23/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY AND PAVEMENT MARKING PLAN KEYMAP

SCALE: 1"=500' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-IRS-3	MADISON	19	7
CONTRACT NO. 76C98				
ILLINOIS FED. AID PROJECT				



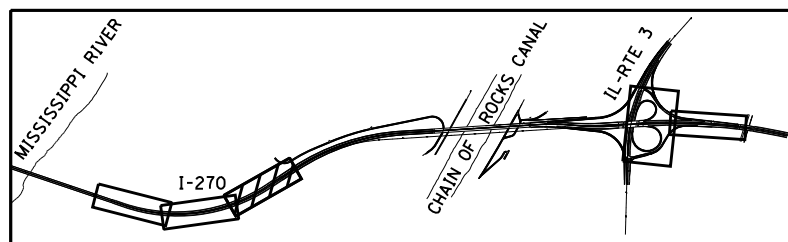
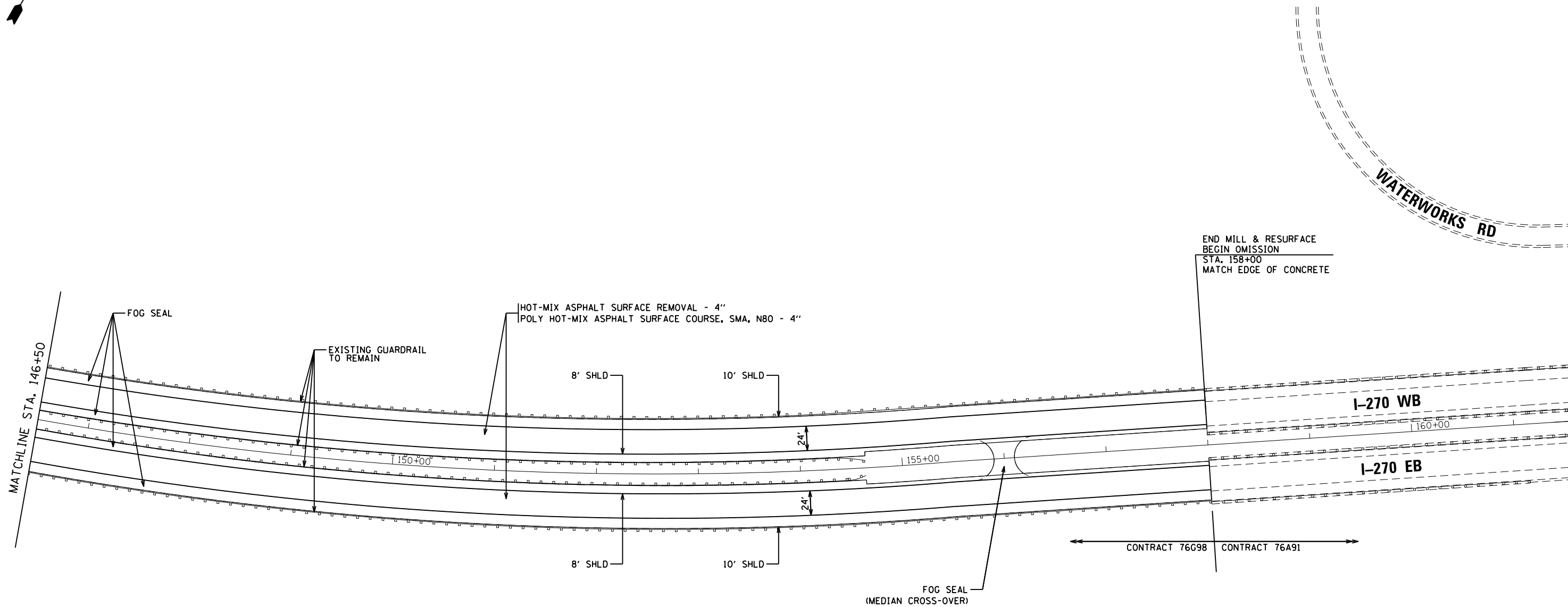
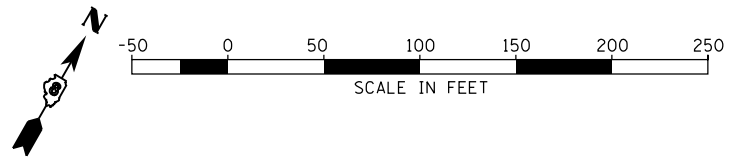
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/23/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSTATE 270
RESURFACING PLANS**

SCALE: SHEET 1 OF 4 SHEETS STA. 831+00 TO STA. 146+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-IRS-3	MADISON	19	8
CONTRACT NO. 76C98				
ILLINOIS FED. AID PROJECT				



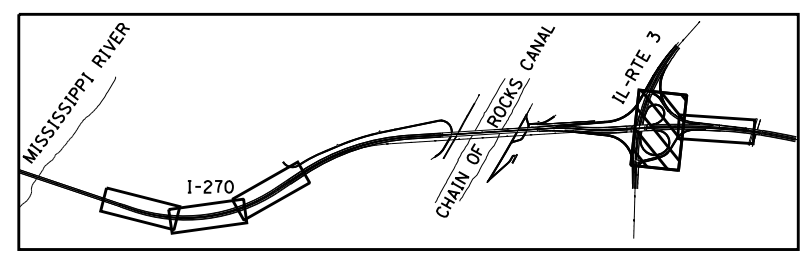
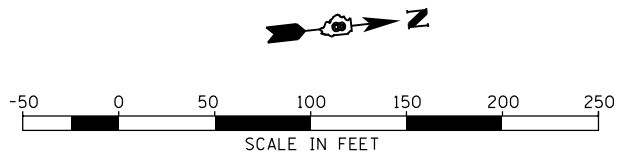
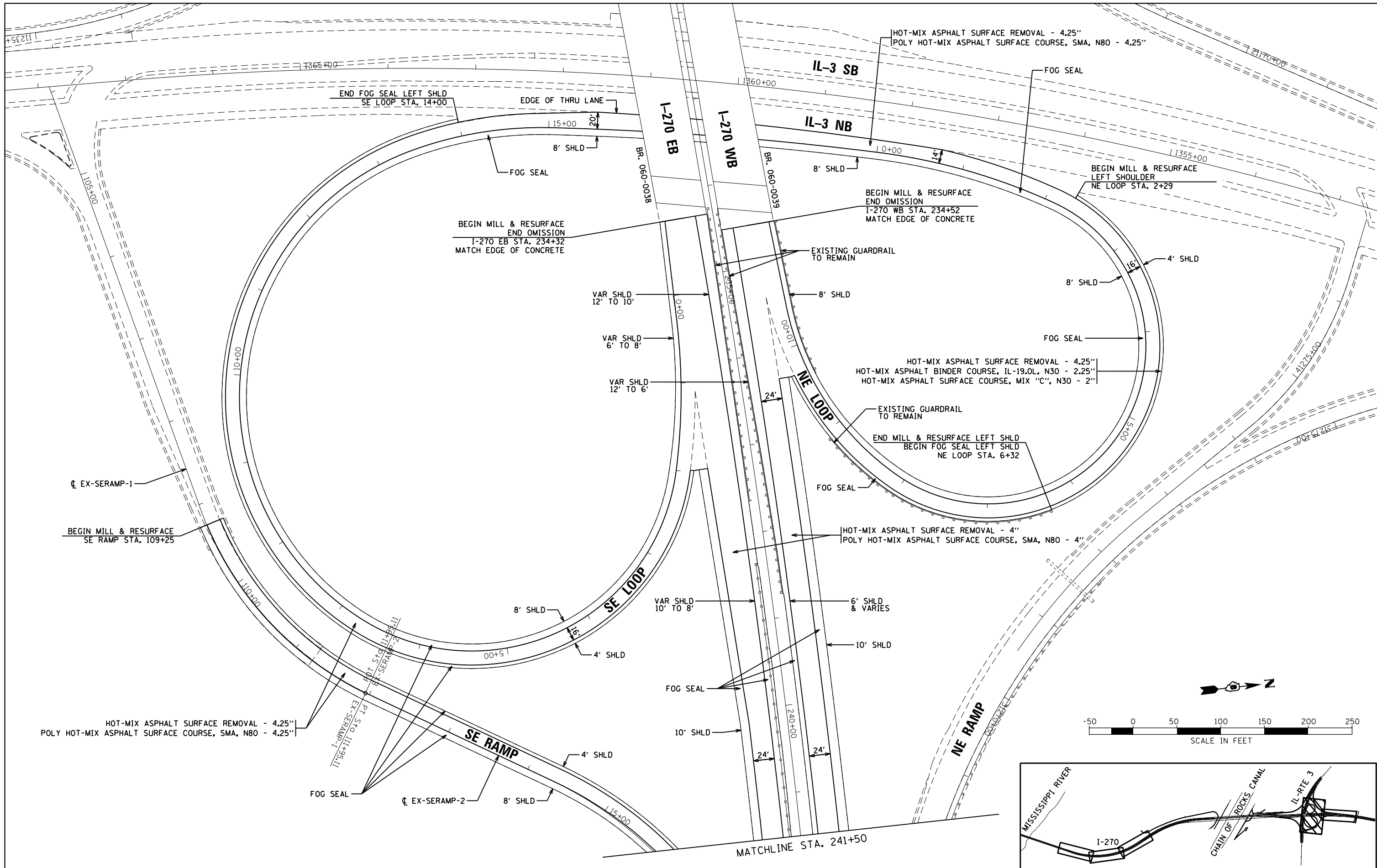
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	PLOT DATE = 2/23/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSTATE 270
RESURFACING PLANS**

SCALE: SHEET 2 OF 4 SHEETS STA. 146+50 TO STA. 161+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-IRS-3	MADISON	19	9
CONTRACT NO. 76G98				
ILLINOIS FED. AID PROJECT				



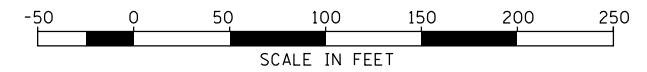
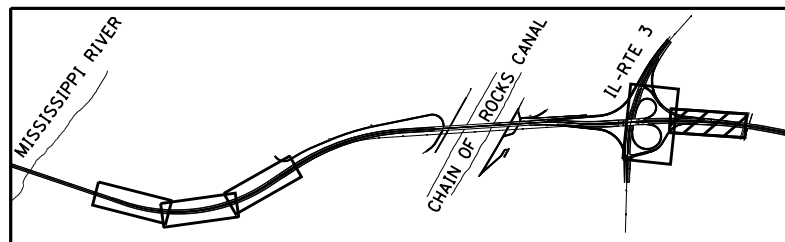
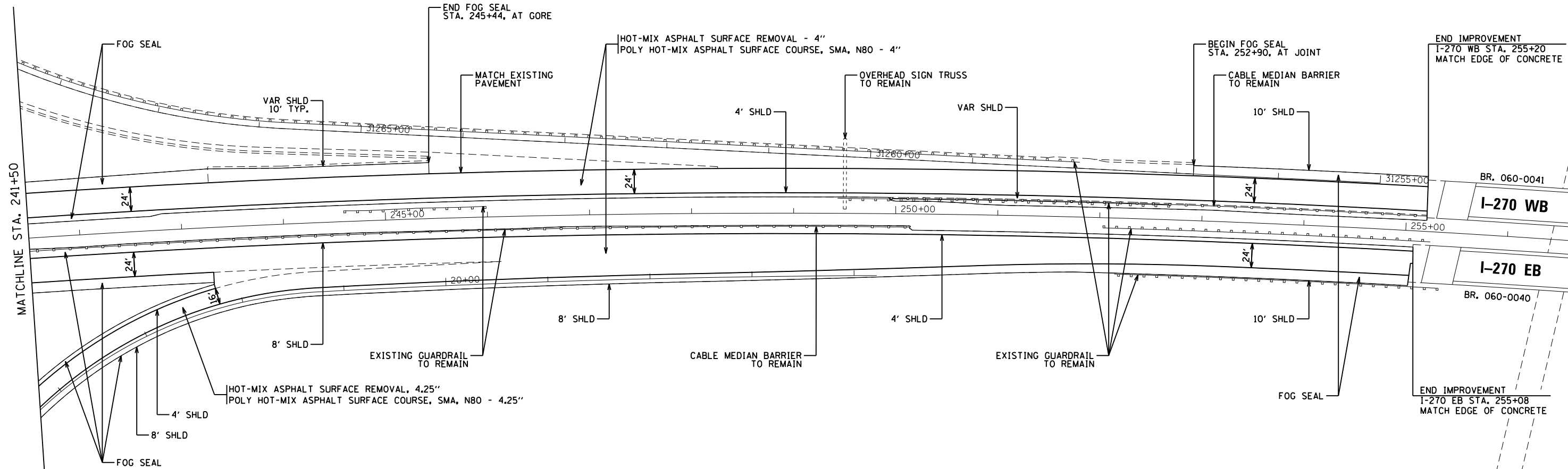
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	PLOT DATE = 3/11/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSTATE 270
RESURFACING PLANS**

SCALE: SHEET 3 OF 4 SHEETS STA. 232+00 TO STA. 241+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-IRS-3	MADISON	19	10
CONTRACT NO. 76C98				
ILLINOIS FED. AID PROJECT				



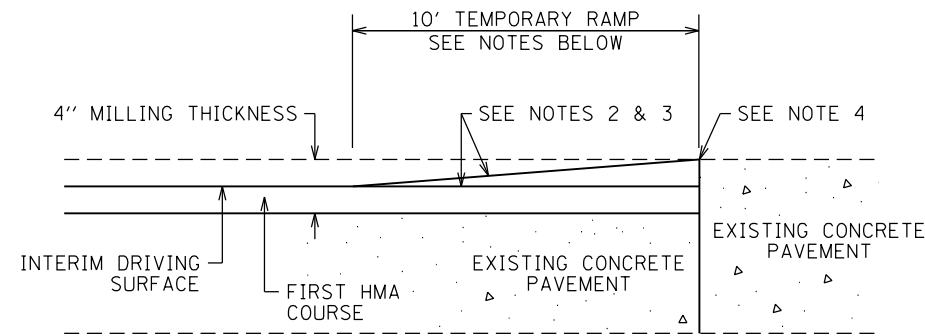
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSTATE 270
RESURFACING PLANS**

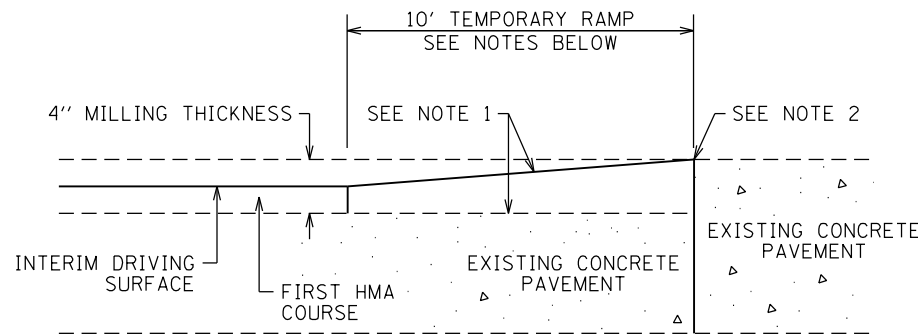
SCALE: SHEET 4 OF 4 SHEETS STA. 241+50 TO STA. 256+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-IRS-3	MADISON	19	11
CONTRACT NO. 76C98				
ILLINOIS FED. AID PROJECT				



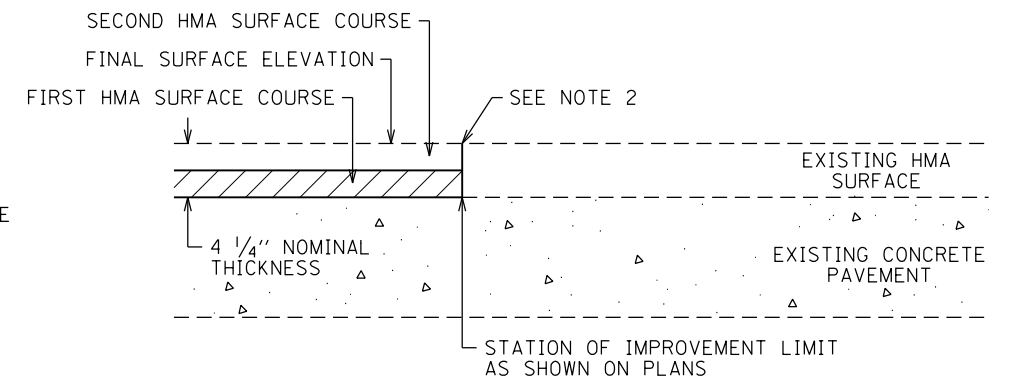
INSTALLED TEMPORARY RAMP
ELEVATION VIEW

- NOTES:
1. REMOVAL OF HMA SURFACE, FULL DEPTH SHALL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL.
 2. INSTALLATION OF TEMPORARY RAMP WILL BE PAID FOR AS TEMPORARY RAMP.
 3. REMOVAL OF THE TEMPORARY RAMP SHALL BE INCLUDED IN THE COST OF THE TEMPORARY RAMP.
 4. SAW CUT SHALL BE INCIDENTAL TO THE HMA REMOVAL.



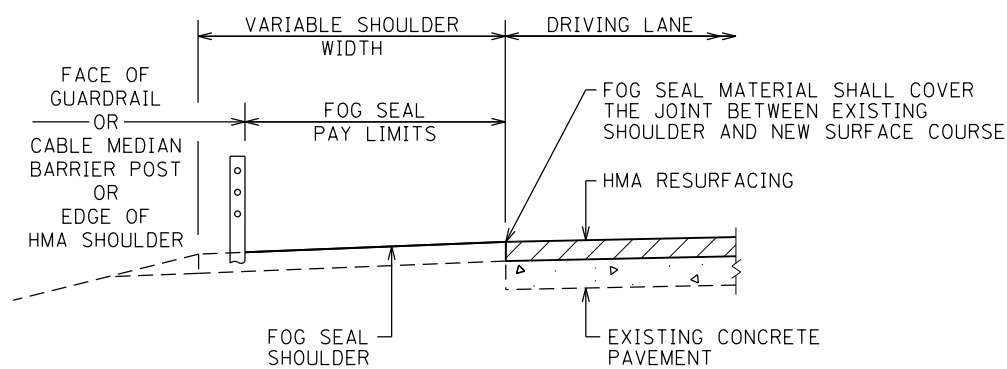
MILLED TEMPORARY RAMP
ELEVATION VIEW

- NOTES:
1. REMOVAL OF TEMPORARY RAMP SHALL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL.
 2. SAW CUT SHALL BE INCIDENTAL TO THE HMA REMOVAL.



RAMP JOINT DETAIL
USED ON HMA RAMPS ONLY

- NOTES:
1. THIS DETAIL PRESUMES RAMP IS CLOSED TO TRAFFIC DURING MILLING AND HMA RESURFACING OPERATIONS.
 2. SAW CUT SHALL BE INCIDENTAL TO THE HMA REMOVAL.



FOG SEAL DETAIL (SHOULDER)

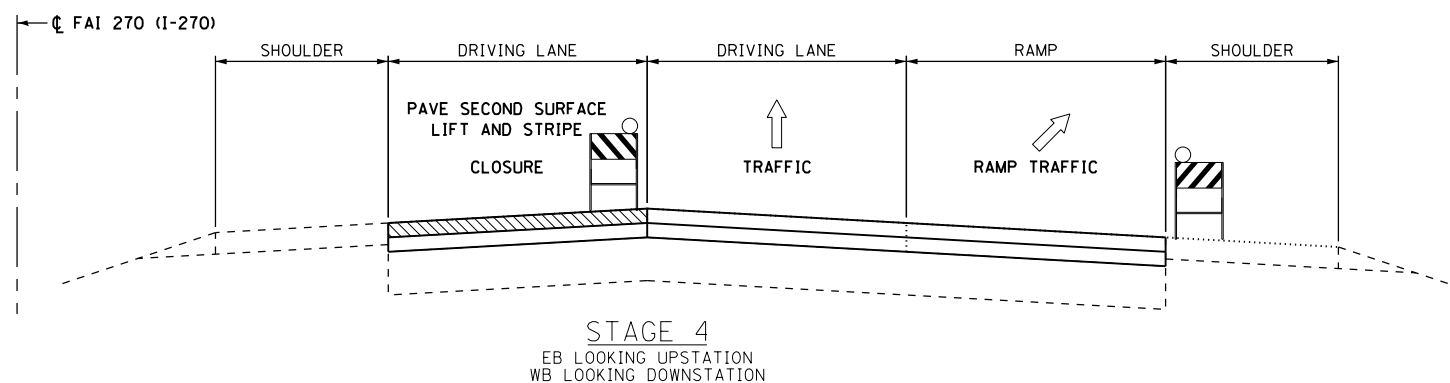
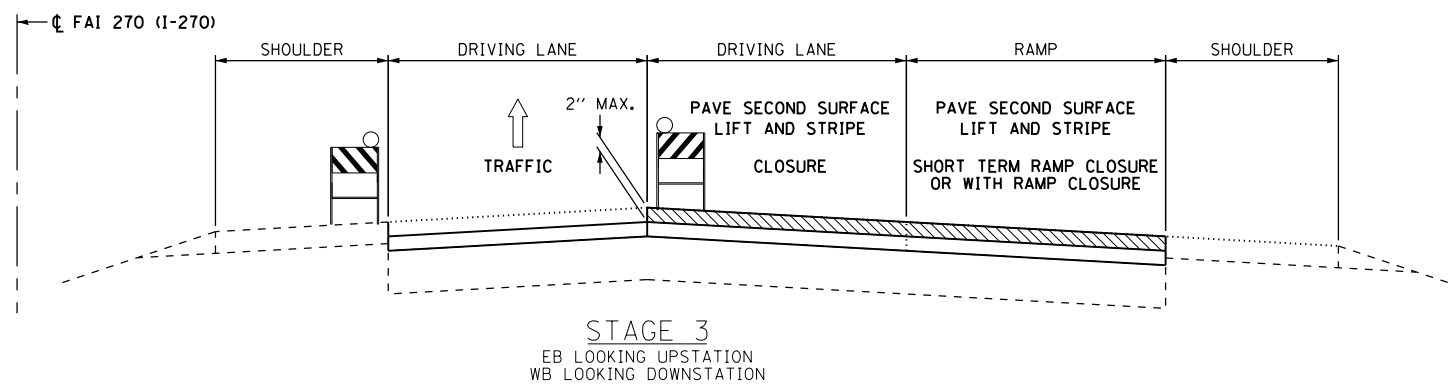
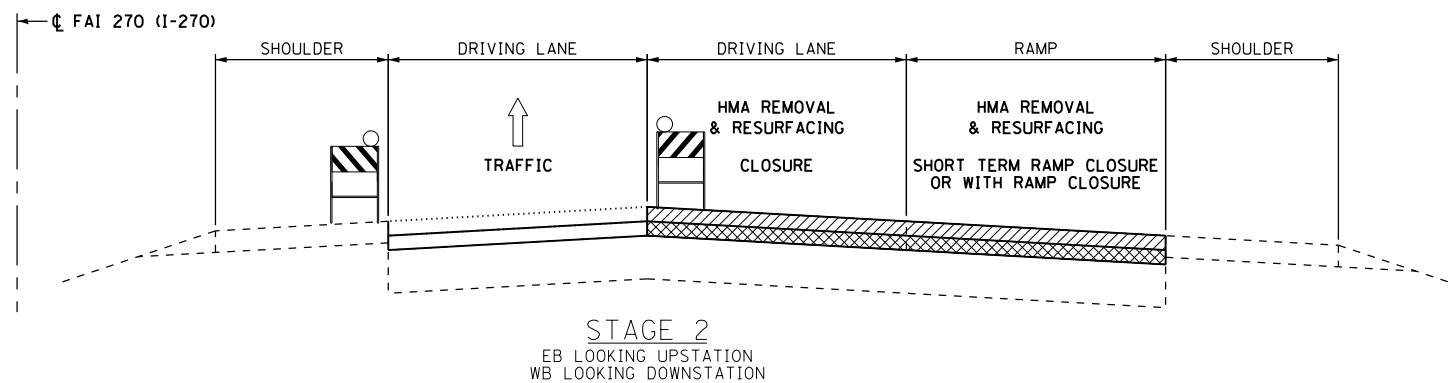
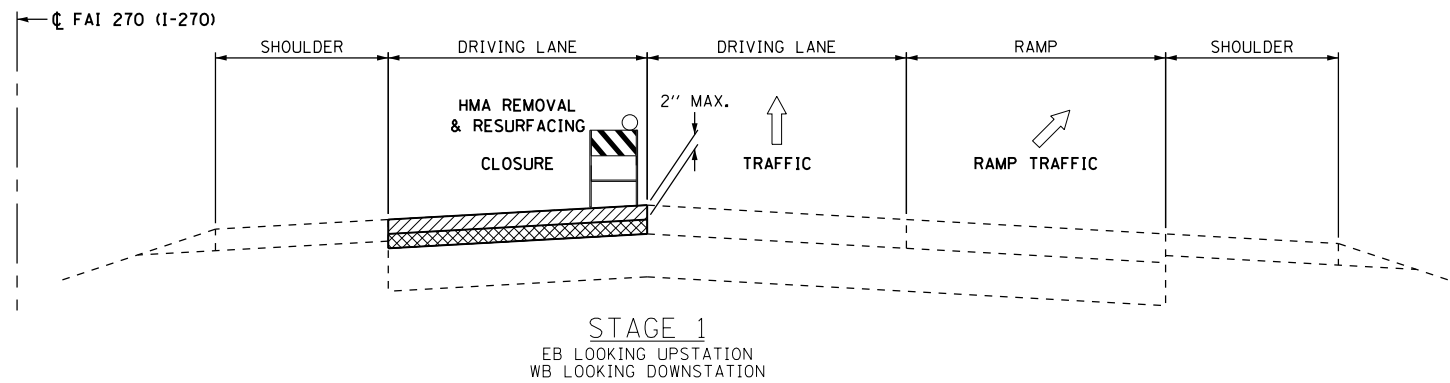
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/3/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RESURFACING DETAILS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-IRS-3	MADISON	19	12
CONTRACT NO. 76C98				
ILLINOIS FED. AID PROJECT				



LEGEND:

-  MILLING
-  RESURFACING

TRAFFIC CONTROL AND MAINTENANCE OF TRAFFIC NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. THE TRAFFIC CONTROL PLANS SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC AROUND WORK AREAS.
2. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE PLANS, SECTION 701 OF THE STANDARD SPECIFICATIONS AND AS AMENDED BY THE SPECIAL PROVISIONS.
3. AT LOCATIONS WHERE THE CONSTRUCTION OPERATIONS RESULT IN A DIFFERENTIAL IN ELEVATION EXCEEDING THREE (3) INCHES BETWEEN THE EDGE OF THE TRAVELED LANE AND THE SHOULDER, OR ADJACENT LANE; TYPE I OR II BARRICADES SHALL BE PLACED AT 100 FOOT CENTERS ADJACENT TO THE TRAVELED LANE.
4. BARRICADES SHALL BE PLACED IN EXCAVATED AREAS AND MUST HAVE LEG EXTENSIONS, IF NECESSARY, SUCH THAT THE TOP OF THE BARRICADE IS IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901.
5. REMOVAL WORK (MILLING) AND RESURFACING COURSE SHALL BE COMPLETED IN EACH SECTION ALLOWING FOR BOTH TRAVEL LANES TO BE OPENED TO TRAFFIC, EACH MORNING, WITHOUT A VERTICAL STEP OF GREATER THAN 2" BETWEEN LANES.
6. CONSTRUCTION OF A MILLED RAMP OR TEMPORARY RAMP SHALL BE COMPLETED AT CONSTRUCTION LIMITS BEFORE THE LANE IS OPENED TO TRAFFIC. THE INCLINE OF THE TRANSVERSE RAMP SHALL BE NO STEEPER THAN ONE (1) INCH VERTICAL IN FIVE (5) FEET HORIZONTAL.
7. RAMP CLOSURES AND DATES SHALL BE COORDINATED WITH THE DEPARTMENT.

SUGGESTED SEQUENCE OF CONSTRUCTION

1. INSTALL TRAFFIC CONTROL AND LANE CLOSURE OF LEFT LANE IN ACCORDANCE WITH THE STANDARDS AND THE SPECIFICATIONS.
2. MILL (HMA REMOVAL) LEFT LANE AND PLACE FIRST RESURFACING LIFT.
3. SWITCH TRAFFIC TO LEFT LANE AND DELINEATE TRAFFIC AT EXIT/ ENTRANCE RAMPS, AS NECESSARY.
4. MILL (HMA REMOVAL) RIGHT LANE AND RAMP TERMINALS AND PLACE FIRST RESURFACING LIFT.
5. MILL (HMA REMOVAL) RAMP PAVEMENT WITH COORDINATED SHORT TERM RAMP CLOSURES AND PLACE BOTH RESURFACING LIFTS.
6. PLACE SECOND RESURFACING LIFT IN A SIMILAR MANNER IN ACCORDANCE WITH THE STANDARDS AND THE SPECIFICATIONS.
7. PLACE PERMANENT PAVEMENT MARKINGS (IN-LAID) ALONG WITH THE SECOND RESURFACING LIFT.
8. FOG SEAL SHOULDERS.

FILE NAME =	USER NAME = mjreker	DESIGNED -	REVISED -
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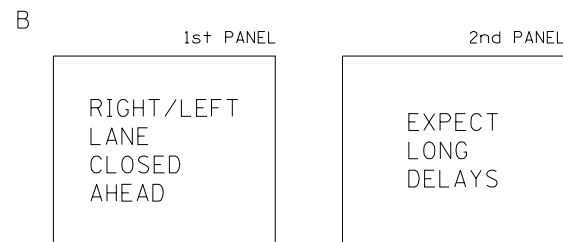
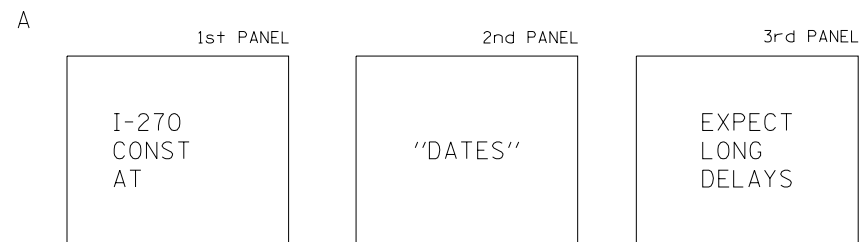
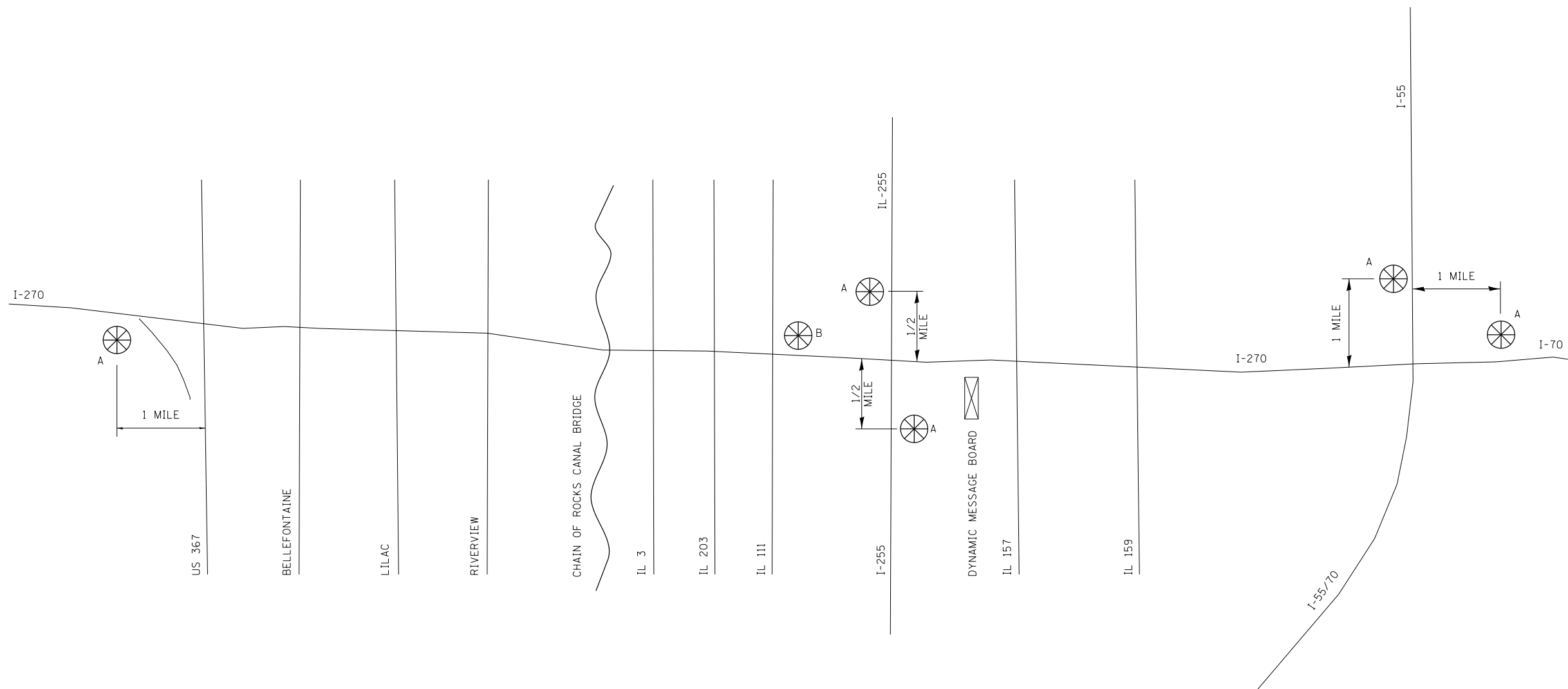
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SEQUENCE OF CONSTRUCTION
AND MAINTENANCE OF TRAFFIC**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-IRS-3	MADISON	19	13
CONTRACT NO. 76C98				
ILLINOIS FED. AID PROJECT				

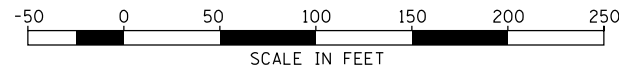
CHANGEABLE MESSAGE SIGN



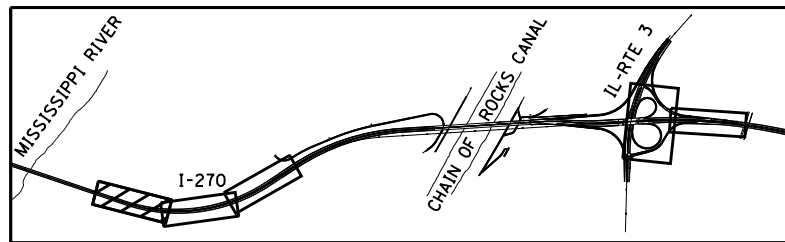
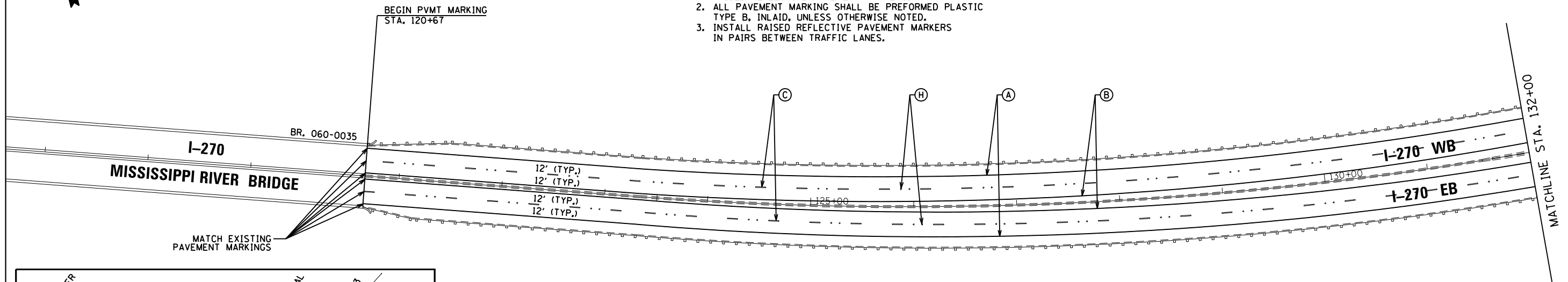
NOTE: MESSAGE BOARDS "A" SHALL BE PLACED 2 WEEKS PRIOR TO ANY LANE CLOSURES.

NOT TO SCALE

FILE NAME = G:\SL14\0016\Road\dgn\0876098-CMS-001.dgn	USER NAME = m.jreker	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CHANGEABLE MESSAGE SIGN PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					270	60-IRS-3	MADISON	19	14
	PLOT DATE = 2/23/2015	CHECKED -	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 76C98				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

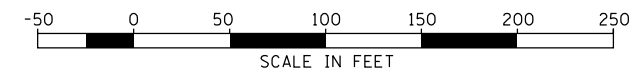
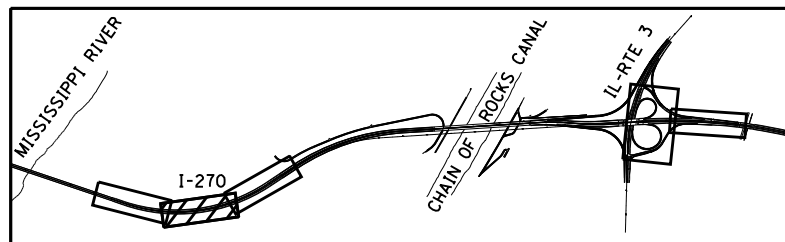
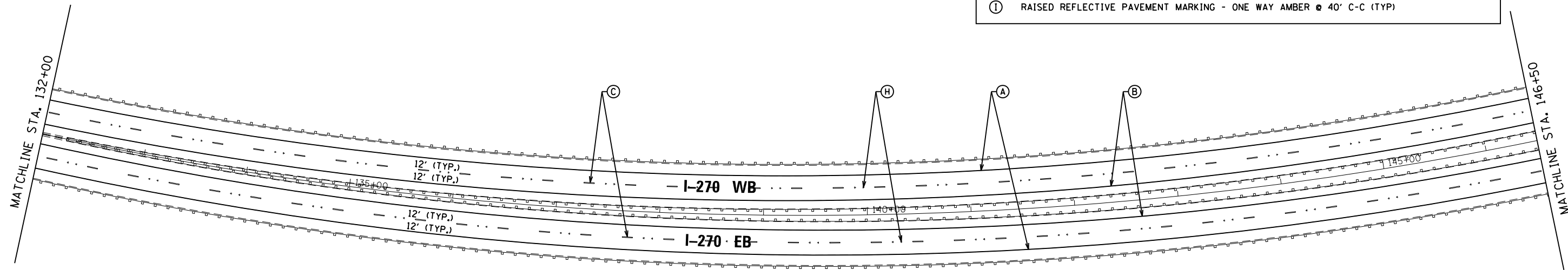


- NOTES:
1. SEE PAVEMENT MARKING DETAILS FOR PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS.
 2. ALL PAVEMENT MARKING SHALL BE PREFORMED PLASTIC TYPE B, INLAID, UNLESS OTHERWISE NOTED.
 3. INSTALL RAISED REFLECTIVE PAVEMENT MARKERS IN PAIRS BETWEEN TRAFFIC LANES.



LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 4", WHITE SOLID LINE
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 4", YELLOW SOLID LINE
- (C) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 4", WHITE 30' SKIP - 10' DASH
- (D) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 8", WHITE 9' SKIP - 3' DASH
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 8", WHITE SOLID LINE
- (F) RAISED REFLECTIVE PAVEMENT MARKING - ONE WAY CRYSTAL @ 20' C-C (TYP)
- (G) RAISED REFLECTIVE PAVEMENT MARKING - ONE WAY CRYSTAL @ 40' C-C (TYP)
- (H) RAISED REFLECTIVE PAVEMENT MARKING - ONE WAY CRYSTAL @ 80' C-C (TYP)
- (I) RAISED REFLECTIVE PAVEMENT MARKING - ONE WAY AMBER @ 40' C-C (TYP)



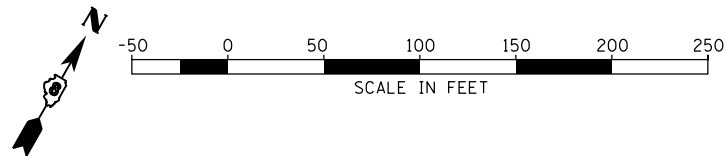
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSTATE 270
PAVEMENT MARKING PLANS**

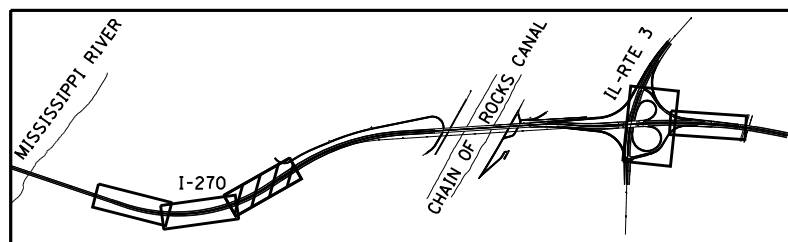
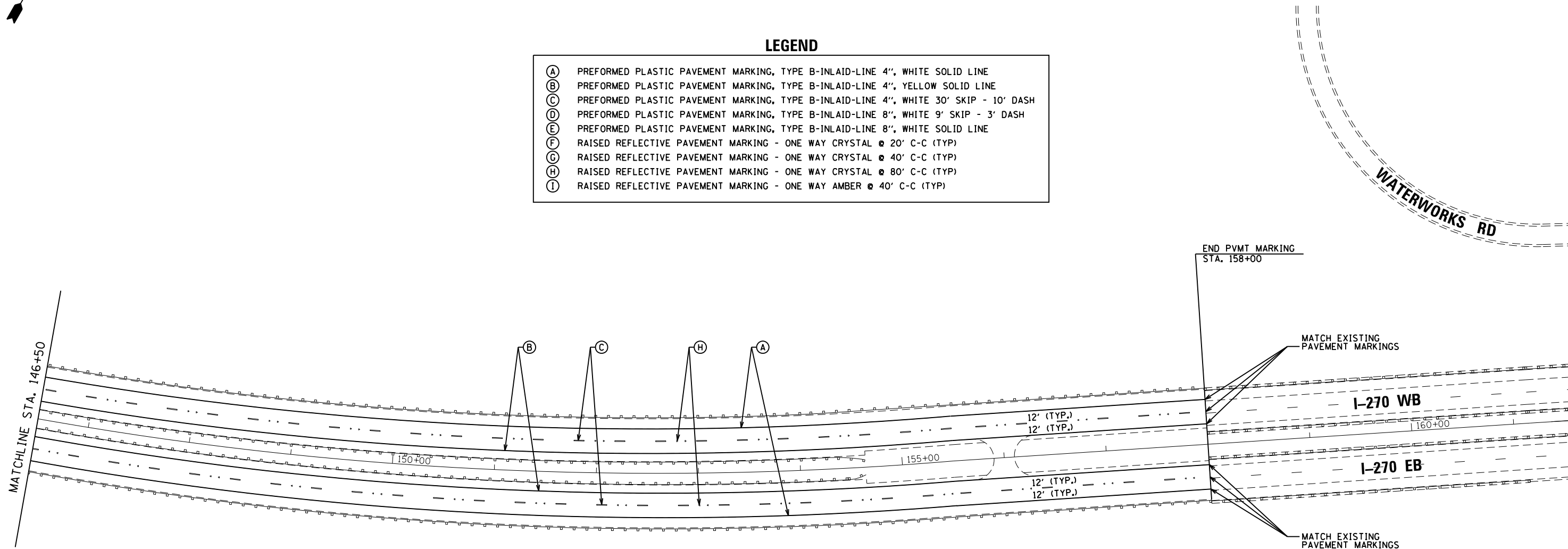
SCALE: SHEET 1 OF 4 SHEETS STA. 831+00 TO STA. 146+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-IRS-3	MADISON	19	15
CONTRACT NO. 76C98				
ILLINOIS FED. AID PROJECT				



LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 4", WHITE SOLID LINE
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 4", YELLOW SOLID LINE
- (C) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 4", WHITE 30' SKIP - 10' DASH
- (D) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 8", WHITE 9' SKIP - 3' DASH
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 8", WHITE SOLID LINE
- (F) RAISED REFLECTIVE PAVEMENT MARKING - ONE WAY CRYSTAL @ 20' C-C (TYP)
- (G) RAISED REFLECTIVE PAVEMENT MARKING - ONE WAY CRYSTAL @ 40' C-C (TYP)
- (H) RAISED REFLECTIVE PAVEMENT MARKING - ONE WAY CRYSTAL @ 80' C-C (TYP)
- (I) RAISED REFLECTIVE PAVEMENT MARKING - ONE WAY AMBER @ 40' C-C (TYP)



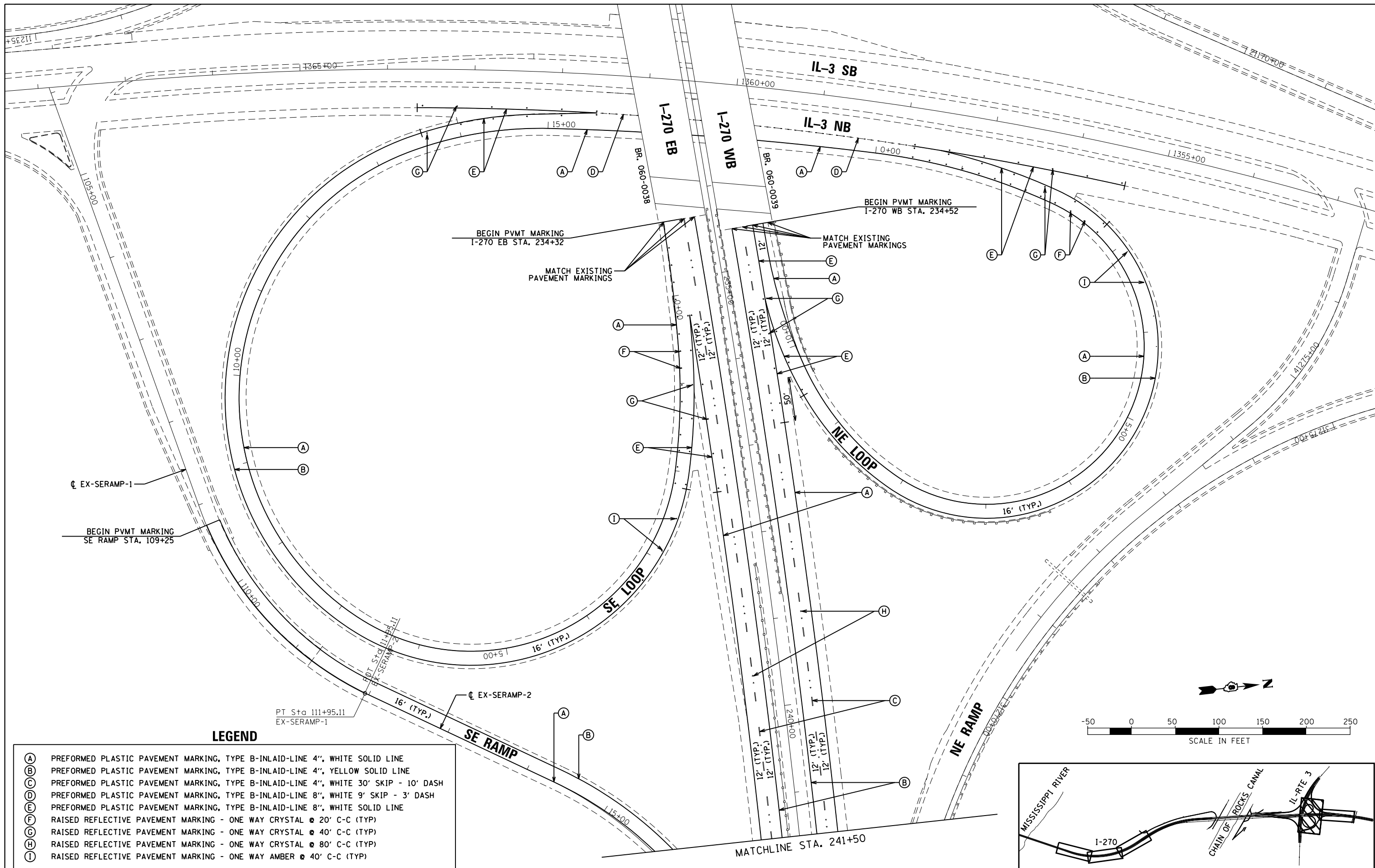
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSTATE 270
PAVEMENT MARKING PLANS**

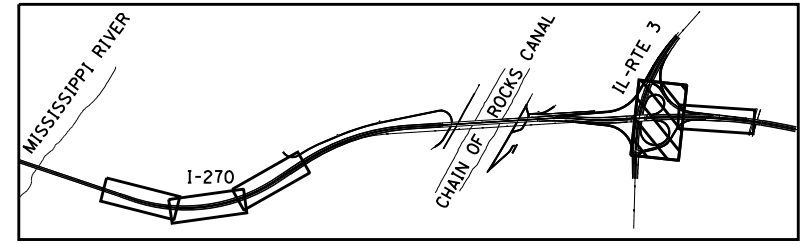
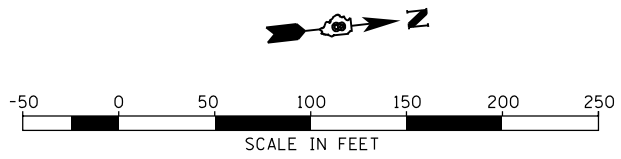
SCALE: SHEET 2 OF 4 SHEETS STA. 146+50 TO STA. 161+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-IRS-3	MADISON	19	16
CONTRACT NO. 76C98				
ILLINOIS FED. AID PROJECT				



LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 4", WHITE SOLID LINE
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 4", YELLOW SOLID LINE
- (C) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 4", WHITE 30' SKIP - 10' DASH
- (D) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 8", WHITE 9' SKIP - 3' DASH
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 8", WHITE SOLID LINE
- (F) RAISED REFLECTIVE PAVEMENT MARKING - ONE WAY CRYSTAL @ 20' C-C (TYP)
- (G) RAISED REFLECTIVE PAVEMENT MARKING - ONE WAY CRYSTAL @ 40' C-C (TYP)
- (H) RAISED REFLECTIVE PAVEMENT MARKING - ONE WAY CRYSTAL @ 80' C-C (TYP)
- (I) RAISED REFLECTIVE PAVEMENT MARKING - ONE WAY AMBER @ 40' C-C (TYP)



FILE NAME =	USER NAME = mjreker	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

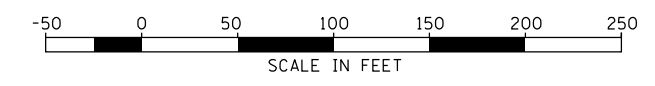
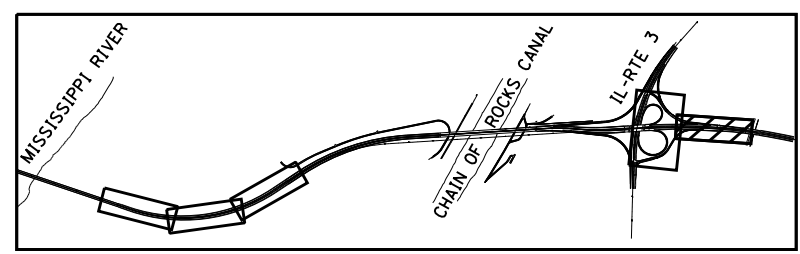
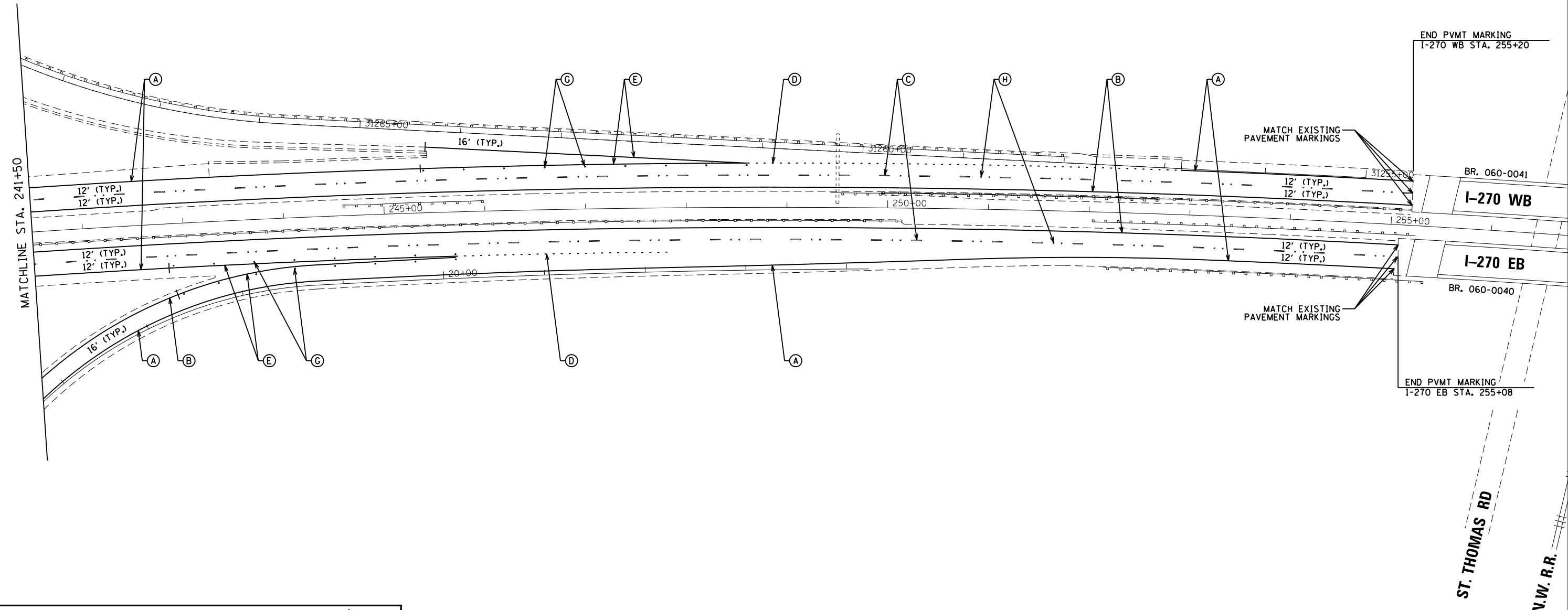
**INTERSTATE 270
PAVEMENT MARKING PLANS**

SCALE: SHEET 3 OF 4 SHEETS STA. 232+00 TO STA. 241+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-IRS-3	MADISON	19	17
CONTRACT NO. 76C98				
ILLINOIS FED. AID PROJECT				

LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 4", WHITE SOLID LINE
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 4", YELLOW SOLID LINE
- (C) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 4", WHITE 30' SKIP - 10' DASH
- (D) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 8", WHITE 9' SKIP - 3' DASH
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 8", WHITE SOLID LINE
- (F) RAISED REFLECTIVE PAVEMENT MARKING - ONE WAY CRYSTAL @ 20' C-C (TYP)
- (G) RAISED REFLECTIVE PAVEMENT MARKING - ONE WAY CRYSTAL @ 40' C-C (TYP)
- (H) RAISED REFLECTIVE PAVEMENT MARKING - ONE WAY CRYSTAL @ 80' C-C (TYP)
- (I) RAISED REFLECTIVE PAVEMENT MARKING - ONE WAY AMBER @ 40' C-C (TYP)



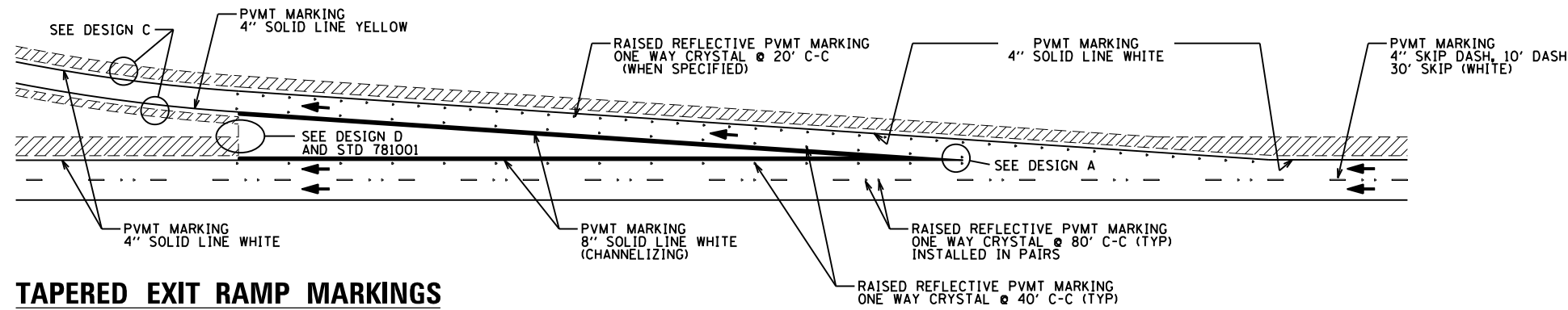
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

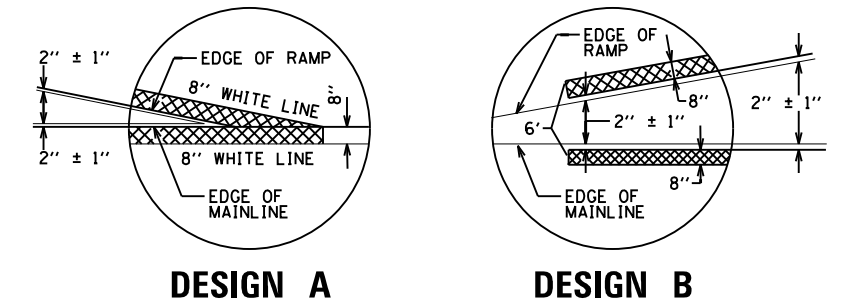
**INTERSTATE 270
PAVEMENT MARKING PLAN**

SCALE: SHEET 4 OF 4 SHEETS STA. 241+50 TO STA. 256+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-IRS-3	MADISON	19	18
CONTRACT NO. 76C98				
ILLINOIS FED. AID PROJECT				

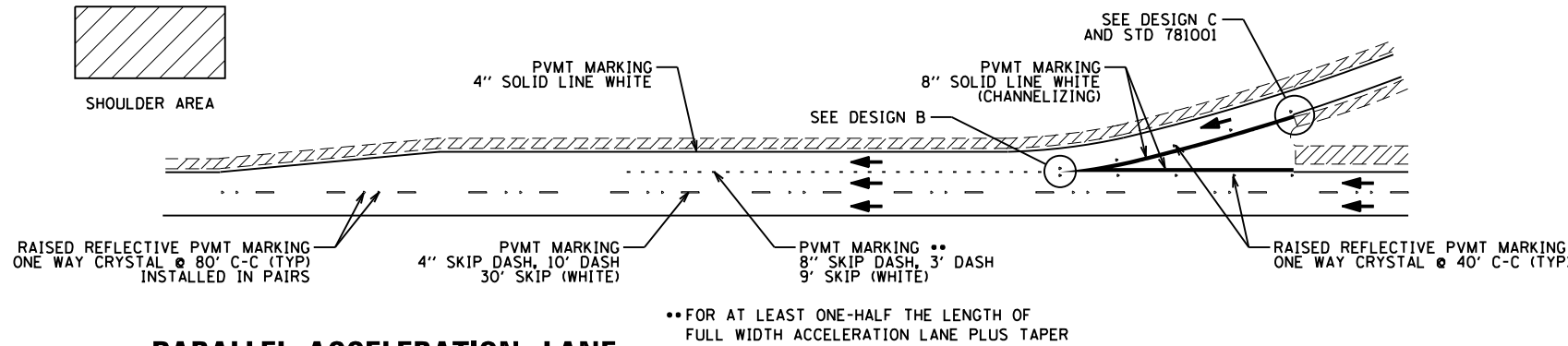


TAPERED EXIT RAMP MARKINGS

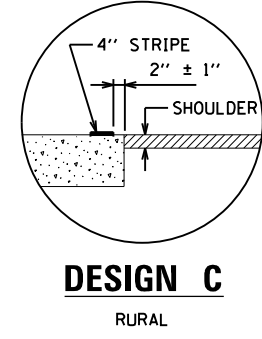


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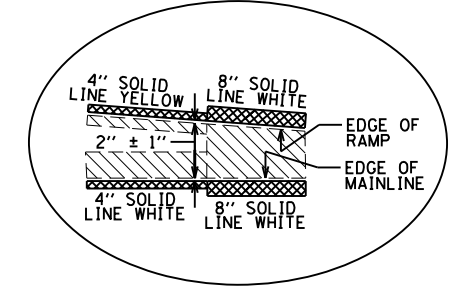
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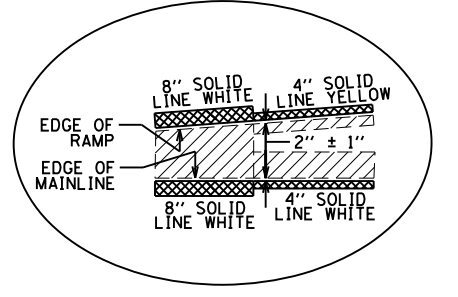
PARALLEL ACCELERATION LANE



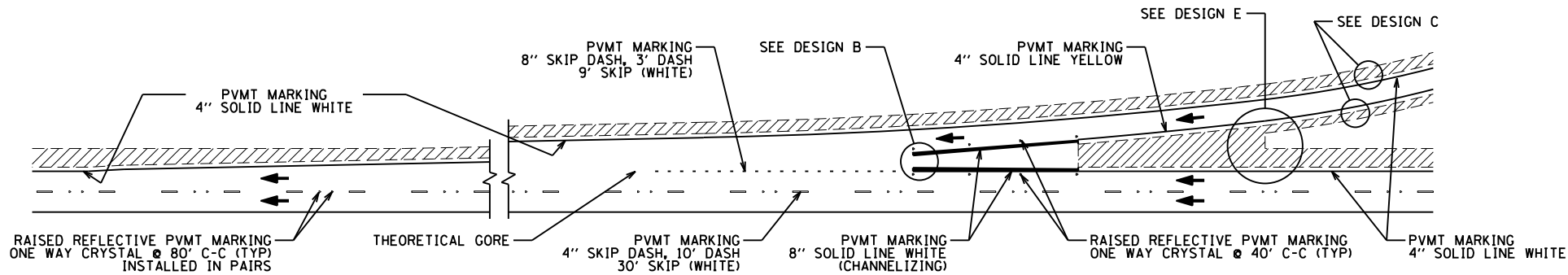
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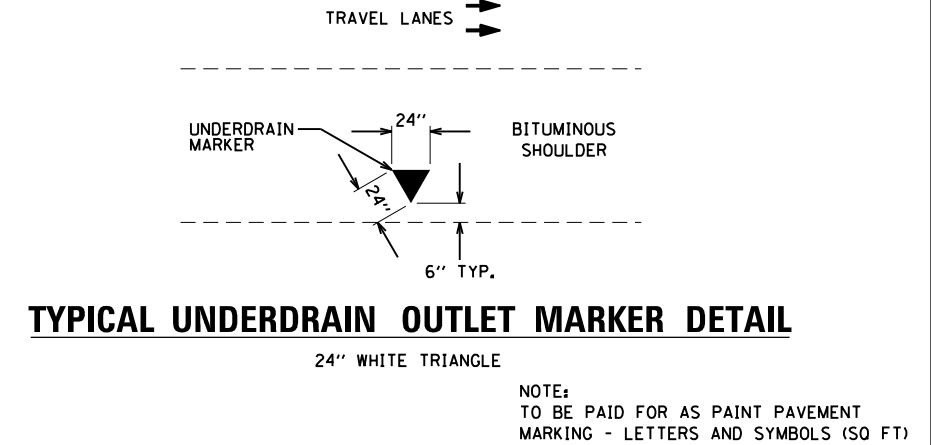
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DESIGN E

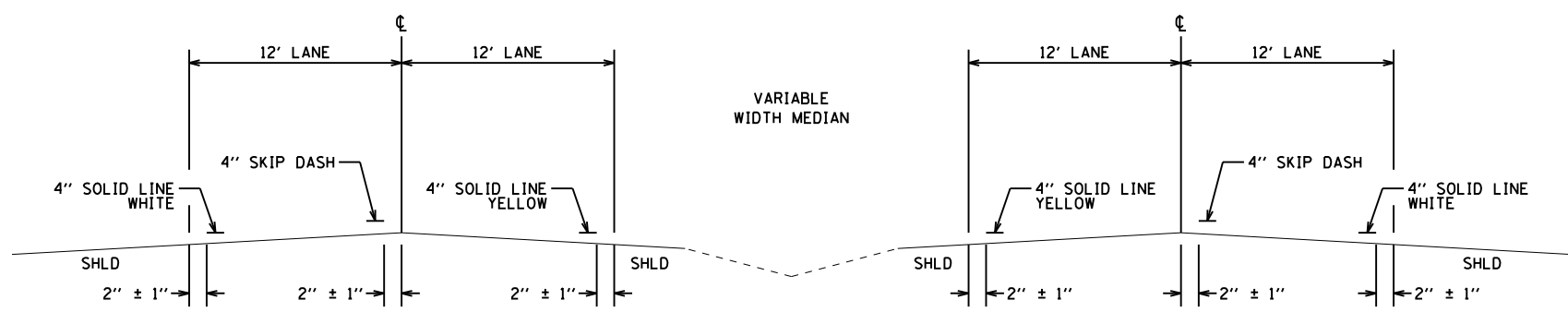


TAPERED ACCELERATION LANE



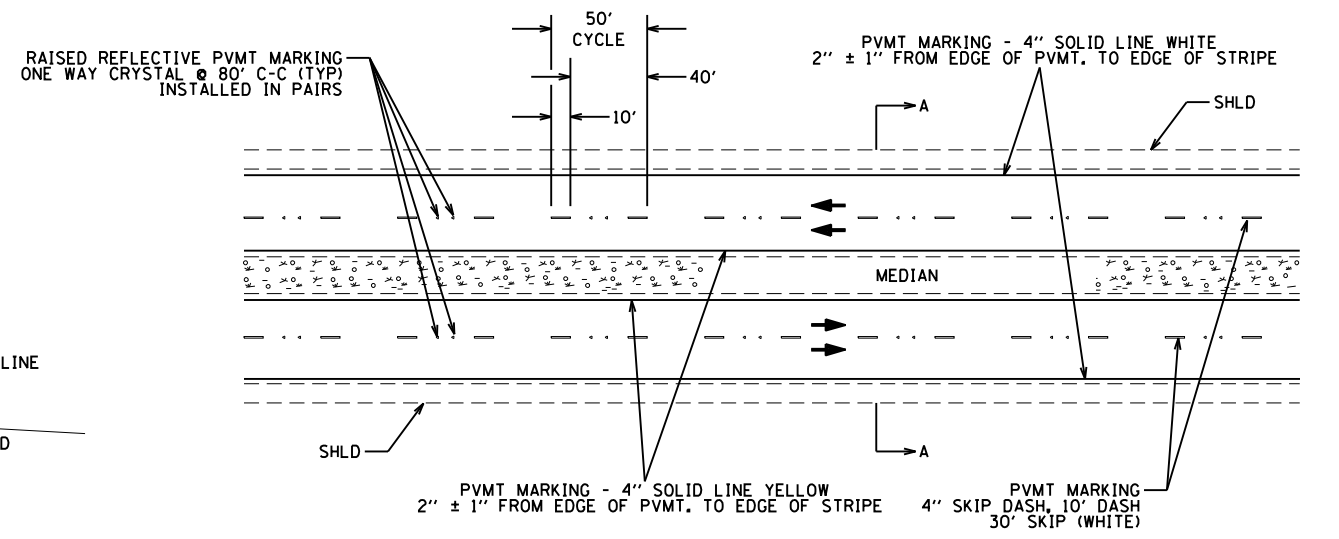
TYPICAL UNDERDRAIN OUTLET MARKER DETAIL

NOTE:
TO BE PAID FOR AS PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (SQ FT)



SECTION A-A

FOUR LANES



TYPICAL 4-LANE DIVIDED PAVEMENT MARKING

FILE NAME =	USER NAME = mjreker	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING DETAILS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Gr:\SL14\0016\Road\dgn\0876098-SHT-PMK-DET-001.dgn	DRAWN - MJR	REVISED -	REVISED -					270	60-IRS-3	MADISON	19	19
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 76C98				
	PLOT DATE = 3/2/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							