

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

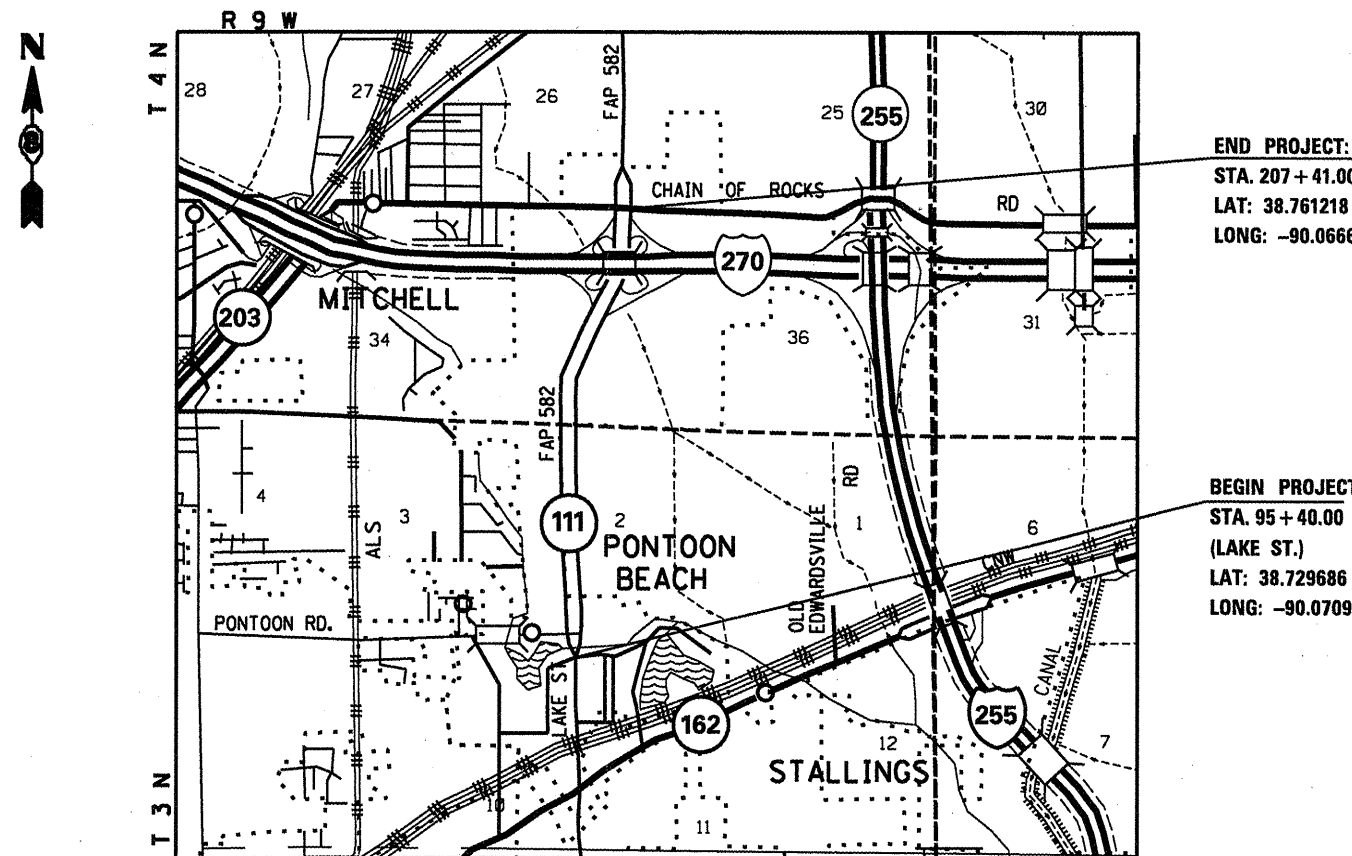
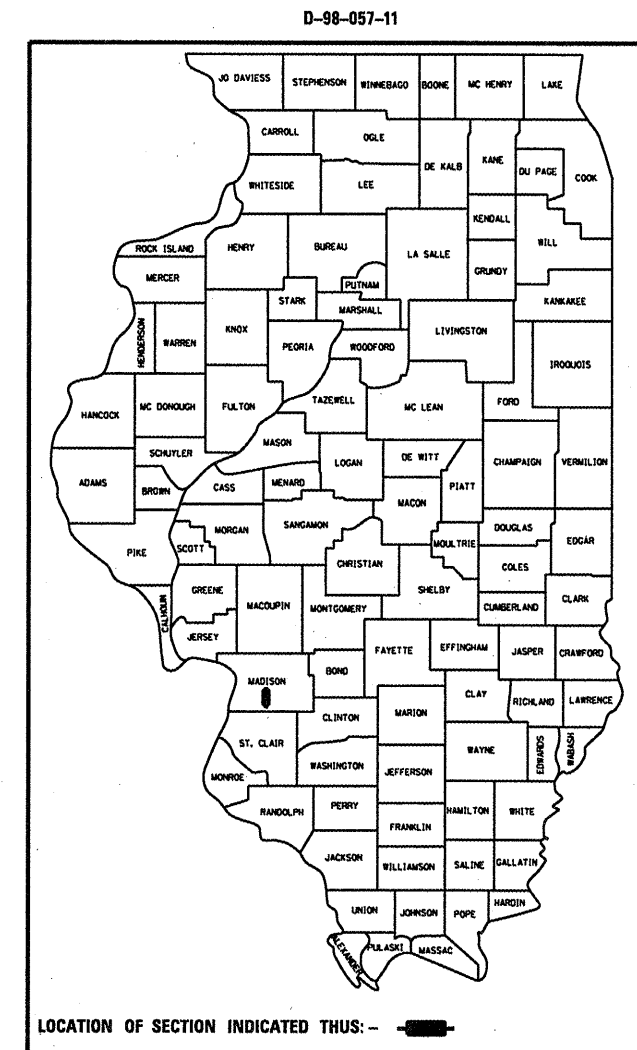
FAP ROUTE 582 (IL 111)
SECTION (6-3, 6-1)RS-3
PROJECT F-0582(031)
3P RESURFACING
MADISON COUNTY

C-98-058-11

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3, 6-1)RS-3	MADISON	66	1
		ILLINOIS	CONTRACT NO. 76E96	

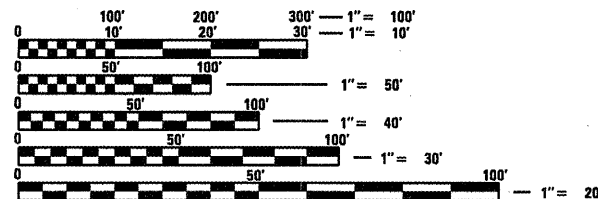
INDEX OF SHEETS

- 1. COVER SHEET
- 2. GENERAL NOTES, STANDARDS, COMMITMENTS
- 3.- 4. SUMMARY OF QUANTITIES
- 5. ROADWAY LAYOUT
- 6.- 7. SCHEDULES
- 7.- 13. TYPICAL SECTIONS
- 14.- 37. PLAN SHEETS
- 38.- 61. PAVEMENT MARKING SHEETS
- 62.- 65. DETECTOR LOOP REPLACEMENT SHEETS
- 66. DETAILS SHEET



END PROJECT:
STA. 207 + 41.00
LAT: 38.761218
LONG: -90.066613

BEGIN PROJECT:
STA. 95 + 40.00
(LAKE ST.)
LAT: 38.729686
LONG: -90.070905



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

CONTRACT NO. 76E96

GROSS LENGTH = 11,201 FT. = 2.12 MILES
NET LENGTH = 11,201 FT. = 2.12 MILES

FUNCTIONAL CLASSIFICATION:
OTHER PRINCIPAL ARTERIAL

ADT

2009	=	15300
2011	=	15600
2031	=	19000
S.U.	=	11.8%
M.U.	=	12.4%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 16, 2011
Tom M. Ben
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

Feb 3, 2012
John D. Barampoli, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

Feb 3, 2012
William R. Fleck, Jr.
acting DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

GENERAL NOTES

1. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.

2. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES 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:

*AMEREN ILLINOIS (MARYVILLE) - GAS & ELECTRIC	AERIAL, BURIED
*AMEREN ILLINOIS (ALTON) - GAS & ELECTRIC	AERIAL, BURIED
*AT&T ILLINOIS - COMMUNICATIONS	AERIAL, BURIED
*BUCKEYE PARTNERS L.P. WOOD RIVER PIPELINE - PIPELINE	BURIED
*CENTERPOINT ENERGY - PIPELINE	BURIED
*CHARTER COMMUNICATIONS, INC. - CABLE TV	AERIAL, BURIED
*VILLAGE OF GLEN CARBON - WATER, SEWER	BURIED
*ILLINOIS AMERICAN WATER COMPANY - WATER	BURIED
*MADISON COUNTY SPECIAL SERVICE AREA#1 - SEWER	BURIED
*MITCHELL PUBLIC WATER DISTRICT- WATER	BURIED
*PONTOON BEACH PUBLIC WATER DISTRICT - WATER	BURIED

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

3. THE CONTRACTOR SHALL MILL ROADWAY PRIOR TO ANY PATCHING

4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

5. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, BINDER COURSE AND FINAL SURFACE COURSE. ONLY THE REMOVAL OF THE FINAL SURFACE APPLICATION WILL BE PAID FOR (WORK ZONE PAVEMENT MARKING REMOVAL - SQ. FT). AN AMOUNT OF TEMPORARY PAVEMENT MARKING WHICH EQUALS THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS ALSO BEEN ADDED TO THE PLANS.

6. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	POLY-SURFACE	BINDER/PATCHING	POLY-LEVEL BINDER	SHOULDER > 2.25"	SHOULDER < 2.25"
AC/PG	SBS 76-22	PG 64-22	SBS 76-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE CONTRACT RAP	SEE CONTRACT RAP
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=50	SPECIAL PROVISION	SPECIAL PROVISION
MIX COMPOSITION				**2.0% @ Ndes=30	**2.0% @ Ndes=30
(GRADATION MIXTURE)	IL 12.5/9.5	IL 19.0	IL 4.75	NMAS 3/4"	NMAS 1/2"
FRICITION AGG	MIXTURE "E"	MIXTURE "B"	MIXTURE "C"		

PLAN QUANTITIES FOR HMA (HOT MIX ASPHALT) CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN.

7. THE THICKNESS OF THE HMA 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 HMA MIXTURE IS PLACED.

8. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF ANY LIGHTING AND OR I.T.S. UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. EXISTS WITHING THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WOARK SHALL BE PAID FOR ACCORDING TO ARTICLA 803.04 OF THE STANDARD SPECIFICATIONS.

9. 'ROAD CONSTRUCTION AHEAD' SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDEROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE AND 48" X 48".

10. ANY EXCAVATION OR DROP-OFF MORE THAN 3" AT EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTING.

11. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.

12. ALL TEMPORARY PAVEMENT MARKING SHALL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

13. ALL P.C.C. AREAS ARE NOT TO BE MILLED OR RESURFACED.

14. THE PAVEMENT MARKING SHOWN IN THE PLANS IS APPROXIMATE. THE LOCATION OF THE PROPOSED CROSSWALKS AND STOP BARS SHOULD MATCH EXISTING FIELD CONDITIONS.

15. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE ASSUMED TO BE APPROXIMATE.

16. THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES & VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.

17. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB -CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM IT'S FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IN 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 USED, 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 E.E.O. 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.

COMMITMENTS

NO COMMITMENTS

STANDARDS

- 000001-06
- 442201-03
- 630001-10
- 630101-09
- 631011-08
- 631033-04
- 635006-03
- 635011-02
- 642001-02
- 701101-02
- 701106-02
- 701411-08
- 701421-04
- 701426-04
- 701601-07
- 701701-08
- 701901-02
- 780001-03
- 781001-03
- 886001-01
- 886006-01

FILE NAME = c:\pw_work\pwr\d01\miller\j\d0260814\d075	USER NAME = millerj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, COMMITMENTS & STANDARDS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	5e96-shr-plan.dgn	DRAWN -	REVISED -			582	(6-3,6-1)RS-3	MADISON	66	2
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
	PLOT DATE = 12/16/2011	DATE -	REVISED -			CONTRACT NO. 76E96				

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		80%_FED 20%_STATE 0005		
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	22	22		
40600300	AGGREGATE (PRIME COAT)	TON	102	102		
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	2839	2839		
40600895	CONSTRUCTING TEST STRIP	EACH	2	2		
40600990	TEMPORARY RAMP	SQ YD	1238	1238		
40603570	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	TON	5679	5679		
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	91161	91161		
44200065	PAVEMENT PATCHING, TYPE II, 6 INCH	SQ YD	41.4	41.4		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	17	17		
48203100	HOT-MIX ASPHALT SHOULDERS	TON	2970	2970		
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	2	2		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	174.5	174.5		

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		80%_FED 20%_STATE 0005		
* 63000025	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	FOOT	38	38		
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	3		
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	4	4		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1		
63200310	GUARDRAIL REMOVAL	FOOT	200	200		
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	35908	35908		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5		
67100100	MOBILIZATION	L SUM	1	1		
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1		
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	1		

*SPECIALTY ITEM

FILE NAME =	USER NAME = millerra	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	6-3, 6-1RS-3	MADISON	66	3
CONTRACT NO. 76E96				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

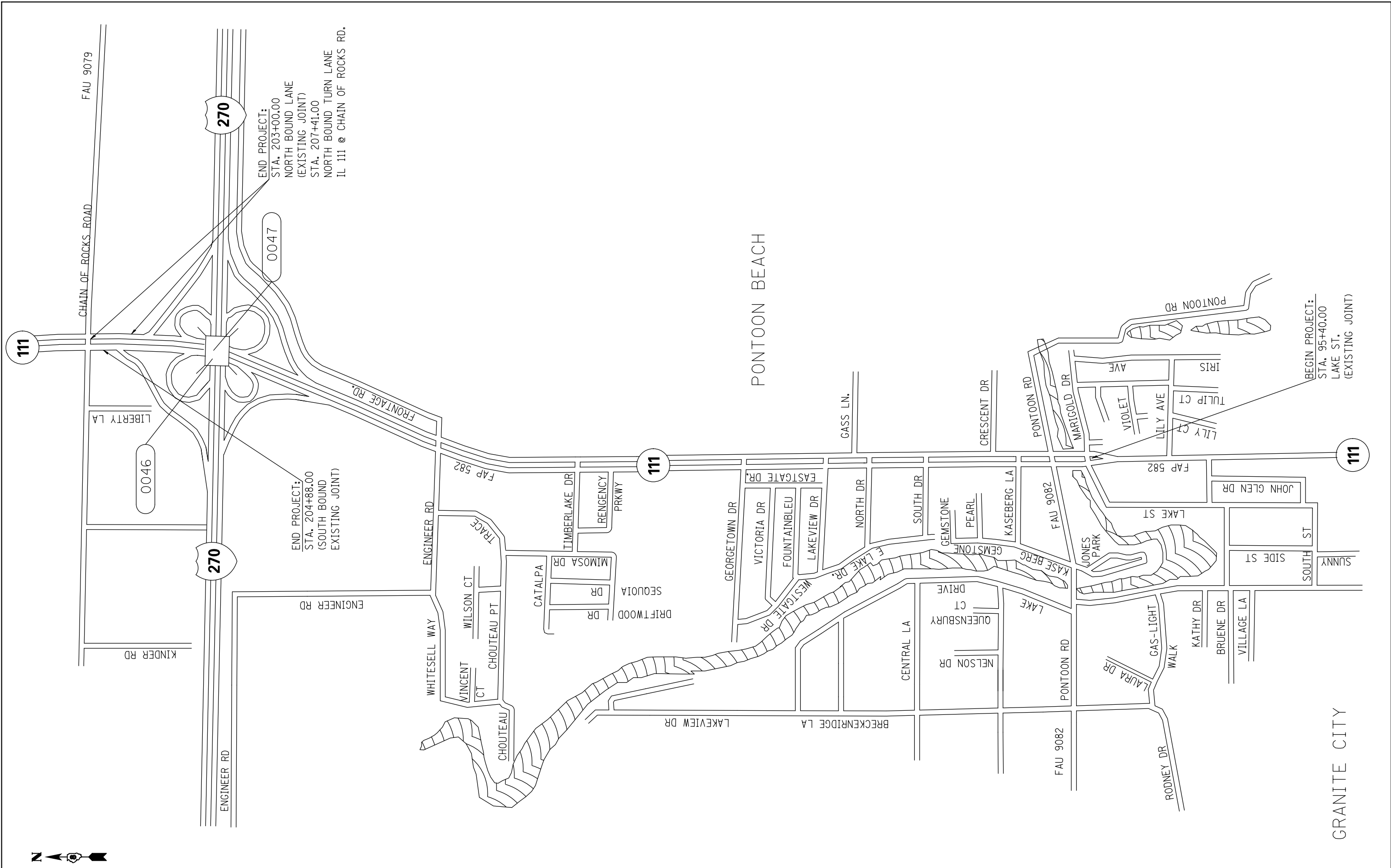
SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		80%_FED 20%_STATE 0005		
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4		
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11274	11274		
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	406	406		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	50475	50475		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	80	80		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	175	175		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	16826	16826		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	406	406		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	50475	50475		

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		80%_FED 20%_STATE 0005		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	80	80		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	175	175		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	537	537		
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	3	3		
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	537	537		
80300100	LOCATING UNDERGROUND CABLE	FOOT	100	100		
88600600	DETECTOR LOOP REPLACEMENT	FOOT	2346	2346		
+ 20076600	TRAINEES	HOUR	500	500		

*SPECIALTY ITEM +0042

FILE NAME =	USER NAME = milleraj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwork\puidot\milleraj\0260814\d87	2e96-sht-plan.dgn	DRAWN -	REVISED -			582	6-3, 6-1RS-3	MADISON	66	4	
	PLOT SCALE = 100.0000' / 1 in.	CHECKED -	REVISED -			CONTRACT NO. 76E96					
	PLOT DATE = 12/16/2011	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

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



FILE NAME =	USER NAME = millerra	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3, 6-1)RS-3	MADISON	66	5
CONTRACT NO. 76E96				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

RESURFACING SCHEDULE

LOCATION			LENGTH (FOOT)	WIDTH (FOOT)	BITUMINOUS MATERIAL (PRIME COAT) (TON)	AGGREGATE (PRIME COAT) (TON)	POLY-HMA SURF CRSE, N90, 1 1/2" (TON)	HMA SURFACE REMOVAL 2 1/4" (SQ YD)	POLY-LEVEL BINDER (MM), N50, 3/4" (TON)	HMA SHOULDER 2 1/4" (TON)	AGGREGATE WEDGE SHOULDER, TYPE B (TON)	SHOULDER RUMBLE STRIP 16" (FT)
STA.	TO	STA.										
NORTH/SOUTH BOUND												
95+40	TO	96+00	60	74	0.15	0.74	41.44	493.33	20.7			
103+88	TO	114+07	1019	4				905.78		114.1		
114+55	TO	120+85	630	4				560		70.6		
121+32	TO	125+65	433	4				384.89		48.5		
126+13	TO	137+75	1162	4				1032.89		130.1		
138+29	TO	151+60	1331	4				1183.11		149.1		
152+15	TO	165+20	1305	4				1160		146.2		
165+83	TO	202+60	3677	4				3268.44		411.8		
NORTH BOUND												
96+00	TO	99+68	368	35	0.45	2.15	120.21	1431.11	60.1			
100+40	TO	103+47	307	30.5	0.33	1.56	87.39	1040.39	43.7			
103+88	TO	114+07	1019	30.5	1.08	5.18	290.08	3453.28	145.0			1001.5
114+54	TO	120+86	632	30.5	0.67	3.21	179.91	2141.78	90.0			615.1
121+32	TO	125+66	434	30.5	0.46	2.21	123.55	1470.78	61.8			417
126+12	TO	137+78	1166	30.5	1.24	5.93	331.92	3951.44	166.0			1149
138+28	TO	151+60	1332	30.5	1.41	6.77	379.18	4514.00	189.6			1316
152+10	TO	165+21	1311	30.5	1.39	6.66	373.20	4442.83	186.6			1294
165+84	TO	203+00	3716	30.5	3.94	18.89	1057.82	12593.11	528.9			3685
96+25	TO	99+43	318	8				282.67		35.6		318
100+70	TO	106+09	539	8				479.11		60.4		539
106+91	TO	164+35	5744	8				5105.78		643.3		5744
166+29	TO	178+00	1171	8				1040.89		131.2		1171
184+07	TO	192+08	801	8				712.00		89.7		801
NB LEFT TURN LANE 111 @ CHAIN OF ROCKS RD.												
203+00	TO	207+41	441	6.5	0.10	0.48	26.75	318.50	13.4			
SOUTH BOUND												
96+00	TO	99+68	368	24	0.31	1.47	82.43	981.33	41.2			
100+40	TO	103+47	307	30.5	0.33	1.56	87.39	1040.39	43.7			
103+88	TO	114+07	1019	24	0.85	4.08	228.26	2717.33	114.1			1001.5
114+54	TO	120+86	632	24	0.53	2.53	141.57	1685.33	70.8			615.1
121+32	TO	125+66	434	24	0.36	1.74	97.22	1157.33	48.6			417
126+12	TO	137+78	1166	24	0.97	4.66	261.18	3109.33	130.6			1149
138+28	TO	151+60	1332	24	1.11	5.33	298.37	3552.00	149.2			1316
152+10	TO	165+21	1311	24	1.09	5.24	293.66	3496.00	146.8			1294
165+84	TO	204+88	3904	24	3.26	15.62	874.50	10410.67	437.2			3685
107+92	TO	114+19	627	3						16.76		
96+40	TO	99+21	281	8				249.78		31.5		281
100+46	TO	103+50	304	8				270.22		34.0		304
104+00	TO	105+05	105	8				93.33		11.8		105
105+89	TO	107+07	118	8				104.89		13.2		118
107+92	TO	114+17	625	8				555.56		70.0		625
144+58	TO	120+82	624	8				554.67		69.9		624
121+52	TO	125+61	409	8				363.56		45.8		409
126+34	TO	134+00	766	8				680.89		85.8		766
134+74	TO	147+32	1258	8				1118.22		141.0		1258
148+33	TO	151+54	321	8				285.33		37.0		321
152+23	TO	161+81	958	8				851.56		107.3		958
162+51	TO	164+48	197	8				175.11		22.1		197
166+26	TO	178+13	1187	8				1055.11		132.9		1187
185+00	TO	190+46	546	8				485.33		61.2		546
197+00	TO	203+81	681	8				605.33		76.3		681
INTERSECTIONS												
99+68	TO	100+40	72	78	0.20	0.94	52.42	624.00	26.2			
103+47	TO	103+88	41	78	0.11	0.53	29.85	355.33	14.9			
114+07	TO	114+54	47	78	0.13	0.61	34.22	407.33	17.1			
120+86	TO	121+32	46	78	0.12	0.60	33.49	398.67	16.7			
125+66	TO	126+12	46	78	0.12	0.60	33.49	398.67	16.7			
137+78	TO	138+28	50	78	0.14	0.65	36.40	433.33	18.2			
151+60	TO	152+10	50	78	0.14	0.65	36.40	433.33	18.2			
165+21	TO	165+84	63	78	0.17	0.82	45.86	546.00	22.9			
TOTAL:					22	102	5679	91161	2839	2970	17	35908

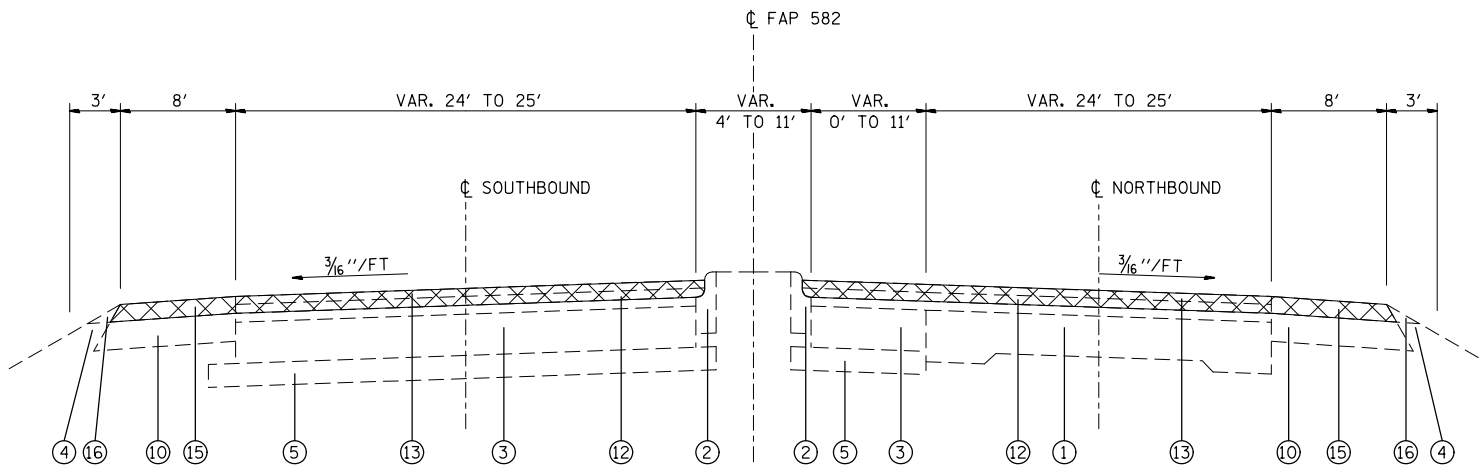
TEMPORARY RAMPS SCHEDULE

LOCATION	STATION	LEFT RIGHT/NORTH SOUTH BOUND	WIDTH	TEMPORARY
			(FOOT)	(SQ YD)
NORTHBOUND	95+40.	NB	24	20.0
SOUTHBOUND	95+40.	SB	24	20.0
LAKE ST.	95+79.	L	98	81.7
LAKE ST.	95+79.	R	98	81.7
PONTOON RD	100+00.	L	124	103.3
PONTOON RD	100+00.	R	124	103.3
KASEBURG	103+68.24	L	80	66.7
CRESENT LN.	106+50.	R	28	23.3
SOUTH DR.	114+33.67	L	70	58.3
NORTH DR.	121+14.7	L	70	58.3
GASS LN.	124+50.	R	26	21.7
LAKEVIEW DR.	125+93.47	L	70	58.3
GEORGETOWN ST.	134+33.94	L	70	58.3
RENGENCY PRKWY.	147+82.09	L	101	84.2
TIMBERLAKE ST.	151+86.09	L	70	58.3
ENGINEER RD.	165+52.24	R	180	150.0
ENGINEER RD.	165+52.24	L	180	150.0
NORTHBOUND	203+00.	NB	24	20.0
SOUTHBOUND	204+88.	SB	24	20.0
TOTAL:				1238

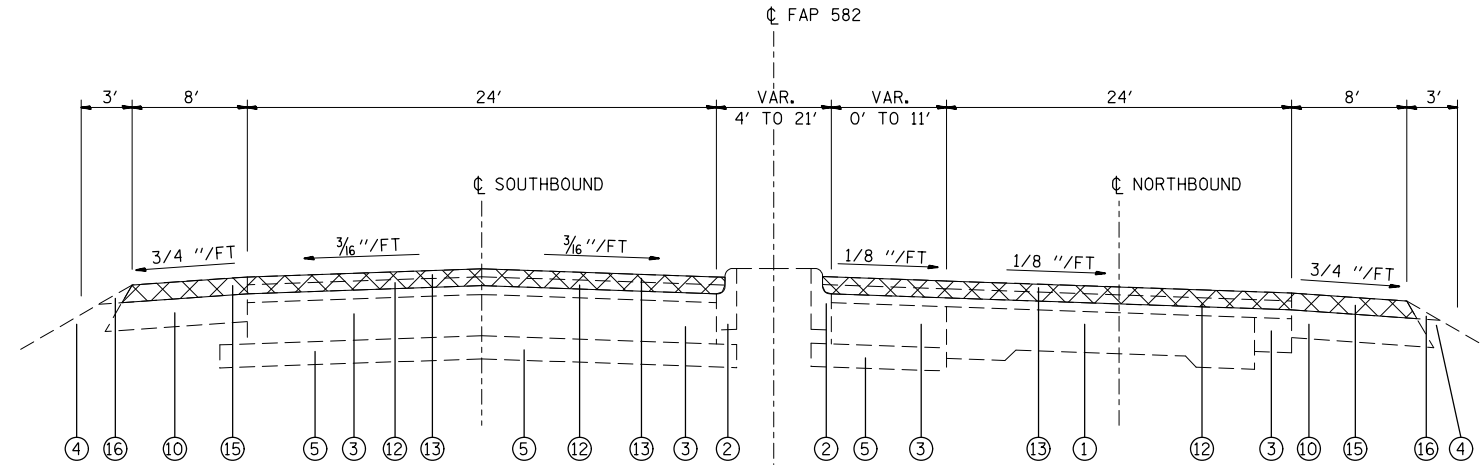
THERMOPLASTIC PAVEMENT MARKINGS SCHEDULES													
LOCATION			LENGTH	NORTH/SOUTH BOUND	LETTERS & SYMBOLS	4"				12" WHITE	24" WHITE STOP BAR	RAISED REFLECTIVE PAVEMENT MARKERS	
						YELLOW LANE LINE	WHITE SKIP-DASH	WHITE LANE LINE	WHITE AUX SKIP-DASH			ONE-WAY CRYSTAL	REMOVAL
STA.	TO	STA.			(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)	
98+60				NB					80				
98+70				NB	15.6								
99+19				NB	15.6								
100+68				SB	15.6								
101+43				SB	15.6								
102+86				NB	15.6								
103+22				NB	15.6								
113+06				NB	15.6								
113+81				NB	15.6								
119+87				NB	15.6								
120+60				NB	15.6								
124+66				NB	15.6								
125+40				NB	15.6								
136+78				NB	15.6								
137+50				NB	15.6								
150+61				NB	15.6								
151+35				NB	15.6								
164+24				NB	15.6								
164+73				NB	15.6								
166+50				SB	15.6								
167+06				SB	15.6								
167+50				SB	15.6								
168+01				SB	15.6								
205+35				NB	15.6								
205+85				NB	15.6								
206+35				NB	15.6								
206+91				NB	15.6								
99+46				NB						34			
100+45				SB						46			
165+00				NB						36			
166+00				SB						42			
207+41				NB						17			
95+40	TO	95+65	25	NB/SB	50								
95+96	TO	99+68	372	NB/SB	744								
100+39	TO	103+47	308	NB/SB	616								
103+88	TO	114+07	1019	NB/SB	2038								
114+53	TO	120+86	633	NB/SB	1266								
121+31	TO	125+66	435	NB/SB	870								
126+12	TO	137+77	1165	NB/SB	2330								
138+28	TO	151+61	1333	NB/SB	2666								
152+10	TO	165+21	1311	NB/SB	2622								
165+83	TO	207+41	4158	NB/SB	8316								
95+40	TO	203+00	10760	NB		2690	10760			135	135		
96+29	TO	98+45	216	NB		54				216	216		
95+40	TO	204+88	10948	SB		2737	10948			137	137		
168+48	TO	171+00	252	SB						31.5			
191+62	TO	195+45	383	SB						47.9			
193+23	TO	197+47	424	NB						53			
98+45	TO	99+45	100	NB			100				3	3	
102+61	TO	103+47	86	NB			86				3	3	
112+80	TO	114+06	126	NB			126				4	4	
119+61	TO	120+85	124	NB			124				4	4	
124+41	TO	125+64	123	NB			123				4	4	
136+53	TO	137+76	123	NB			123				4	4	
150+36	TO	151+60	124	NB			124				4	4	
163+98	TO	164+98	100	NB			100				3	3	
204+85	TO	207+41	256	NB			256				7	7	
166+00	TO	169+49	349	SB			349				9	9	
100+44	TO	101+69	125	SB			125				4	4	
SUB TOTAL:					21518	5481	23344	132					
TOTAL:					406	50475		80	175	537	537		

FULL DEPTH PAVEMENT PATCHING				
STATION	NB/SB L/R	WIDTH	LENGTH	TYPE II
		(FOOT)	(FOOT)	(SQ YD)
104+32.32	SB/R	4	12	5.3
105+95.29	SB/R	4	12	5.3
148+77.21	NB/L	4	12	5.3
201+66.89	NB/R	10	12	13.3
202+60.49	NB/R	4	12	5.3
SUB TOTAL:				34.5
PROJECTED FAILURES 20%:				6.9
TOTAL:				41.4

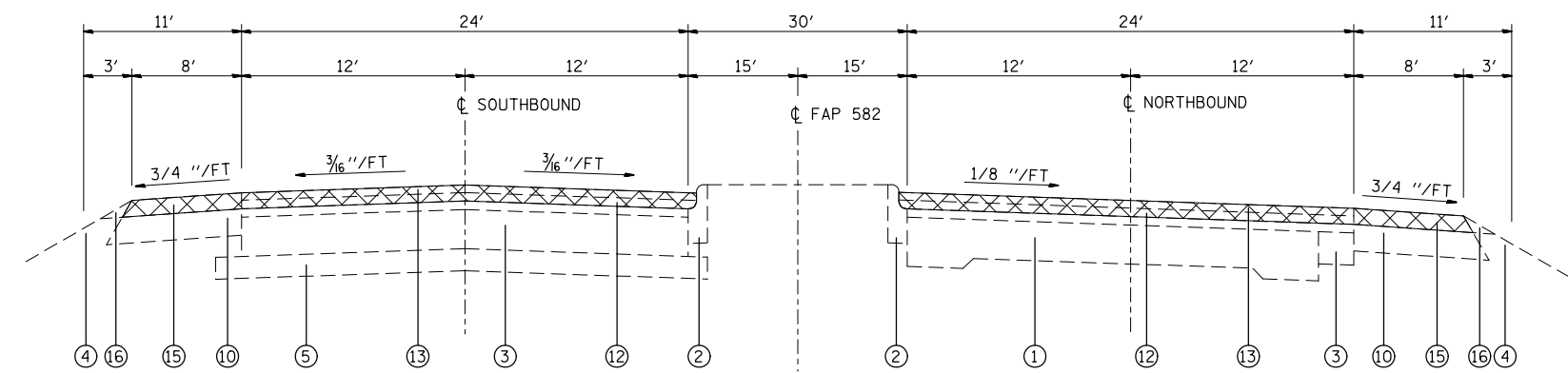
GUARDRAIL SCHEDULE										
STA.	TO	STA.	SIDE	SPBGR. ATTACHED TO STRUCTURE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 1, (SPECIAL) TANGENT	GUARDRAIL MARKERS, TYPE A	TERMINAL MARKERS DIRECT APPLIED	GUARDRAIL REMOVAL
				(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	(FOOT)
97+09.08	TO	98+45.58	R	19	118.5			1		128
97+18.82	TO	97+77.09	L	19	56			2		72
97+09.08			R						1	
97+18.82			L			1			1	
97+77.09			L			1			1	
98+45.58			R			1	1		1	
TOTAL:				38	174.5	3	1	3	4	200



TYPICAL SECTION
STA. 95+40 TO STA. 96+00



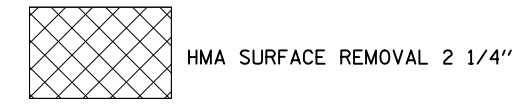
TYPICAL SECTION
STA. 96+00 TO STA. 100+42



TYPICAL SECTION
STA. 100+42 TO STA. 104+35

LEGEND

- ① EXISTING P.C.C. PAVEMENT 10"-8"-10"
- ② EXISTING CURB & GUTTER, TYPE B-6.06
- ③ EXISTING P.C.C. PAVEMENT CONCRETE BASE COURSE 9"
- ④ EXISTING TURF SHOULDER
- ⑤ EXISTING SUB-BASE GRANULAR MATERIAL 6"
- ⑥ EXISTING CONCRETE MEDIAN SURFACE 4"
- ⑦ EXISTING SHOULDERS (STABILIZED)
- ⑧ EXISTING STANDARD REINFORCED JOINTED P.C.C. PAVEMENT 10"
- ⑨ EXISTING CONCRETE CURB & GUTTER, TYPE B-9.24
- ⑩ EXISTING HMA SHOULDERS (6" AND VARIES)
- ⑪ EXISTING LEVELING BINDER (MM) MIX C, TYPE 2, 3/4", 1" AND VARIES
- ⑫ EXISTING LEVELING BINDER (MM) MIX B, TYPE 2, 1 3/4" AND VARIES
- ⑬ EXISTING HMA CONCRETE SURFACE COURSE, MIX D, CLASS I, TYPE 2, 1 1/2"
- ⑭ EXISTING HMA CONCRETE PAVEMENT (FULL DEPTH), TYPE 2, 13 1/4"
- ⑮ EXISTING HMA SHOULDERS (VARIES 1 1/2" TO 6 1/2")
- ⑯ EXISTING AGGREGATE SHOULDERS, TYPE B



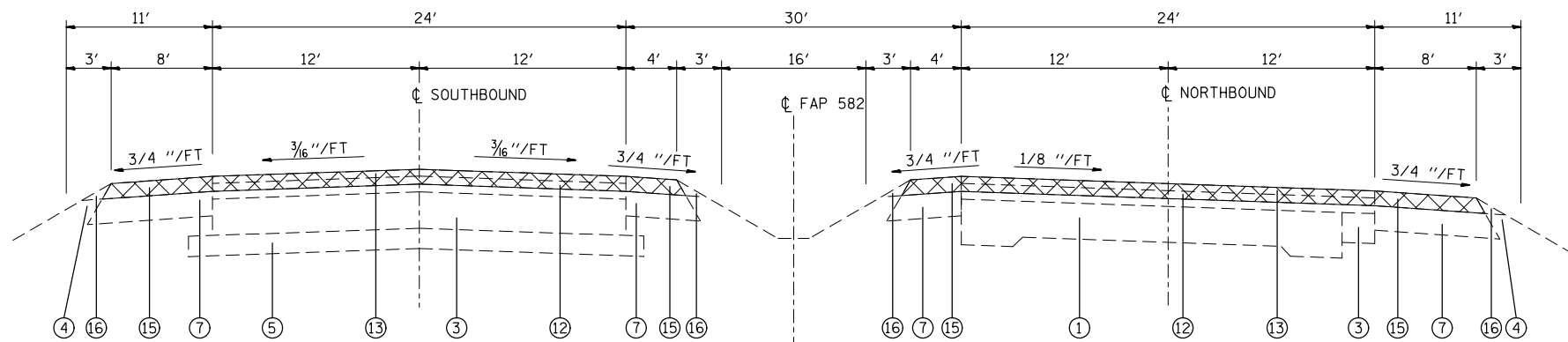
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

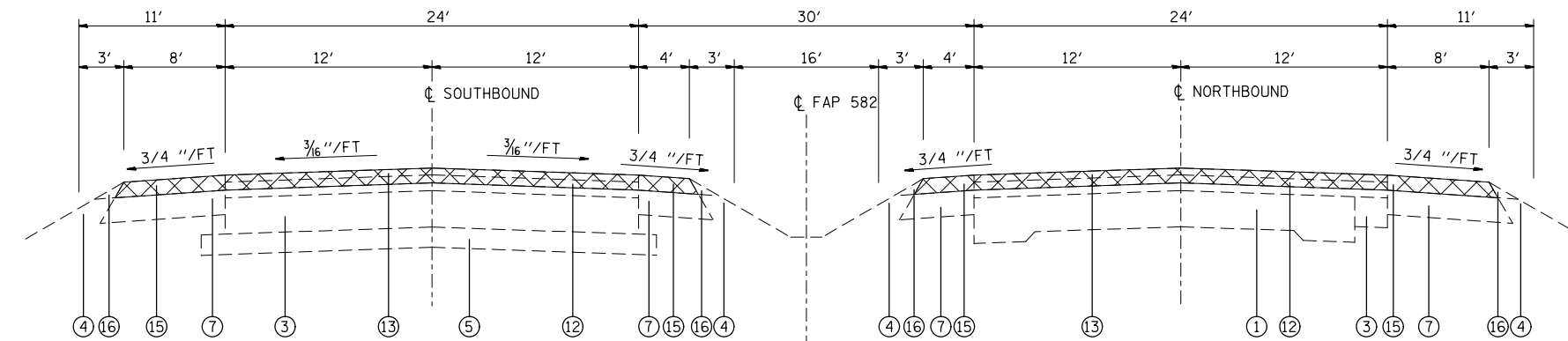
EXISTING TYPICAL SECTIONS

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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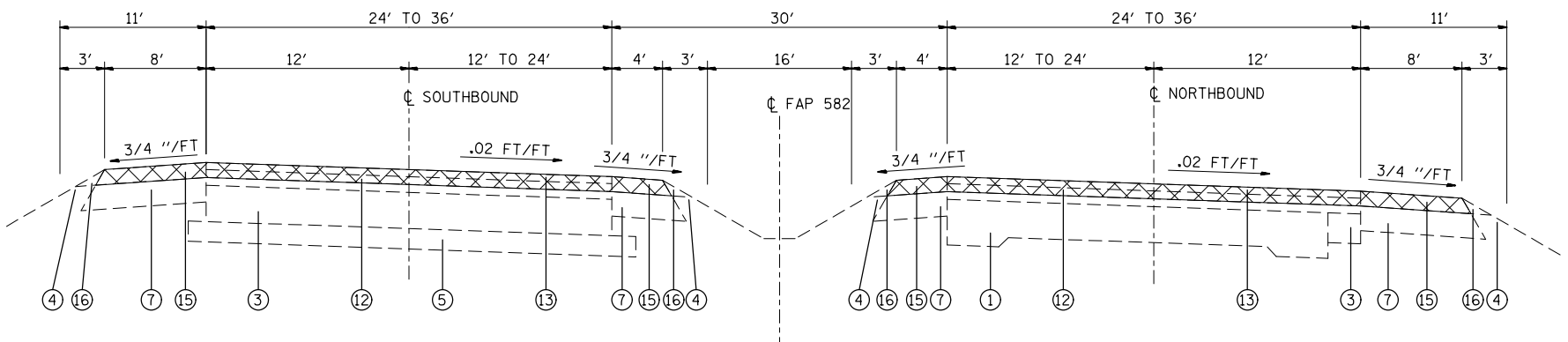
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3, 6-1)RS-3	MADISON	66	8
CONTRACT NO. 76E96				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



TYPICAL SECTION
STA. 104+35 TO STA. 126+50



TYPICAL SECTION
STA. 126+50 TO STA. 153+15.65
STA. 175+10.72 TO STA. 183+95.69



TYPICAL SECTION
STA. 153+15.65 TO STA. 175+10.72



HMA SURFACE REMOVAL 2 1/4"

LEGEND

- ① EXISTING P.C.C. PAVEMENT 10"-8"-10"
- ② EXISTING CURB & GUTTER, TYPE B-6.06
- ③ EXISTING P.C.C. PAVEMENT CONCRETE BASE COURSE 9"
- ④ EXISTING TURF SHOULDER
- ⑤ EXISTING SUB-BASE GRANULAR MATERIAL 6"
- ⑥ EXISTING CONCRETE MEDIAN SURFACE 4"
- ⑦ EXISTING SHOULDERS (STABILIZED)
- ⑧ EXISTING STANDARD REINFORCED JOINTED P.C.C. PAVEMENT 10"
- ⑨ EXISTING CONCRETE CURB & GUTTER, TYPE B-9.24
- ⑩ EXISTING HMA SHOULDERS (6" AND VARIES)
- ⑪ EXISTING LEVELING BINDER (MM) MIX C, TYPE 2, 3/4", 1" AND VARIES
- ⑫ EXISTING LEVELING BINDER (MM) MIX B, TYPE 2, 1 3/4" AND VARIES
- ⑬ EXISTING HMA CONCRETE SURFACE COURSE, MIX D, CLASS I, TYPE 2, 1 1/2"
- ⑭ EXISTING HMA CONCRETE PAVEMENT (FULL DEPTH), TYPE 2, 13 1/4"
- ⑮ EXISTING HMA SHOULDERS (VARIES 1 1/2" TO 6 1/2")
- ⑯ EXISTING AGGREGATE SHOULDERS, TYPE B

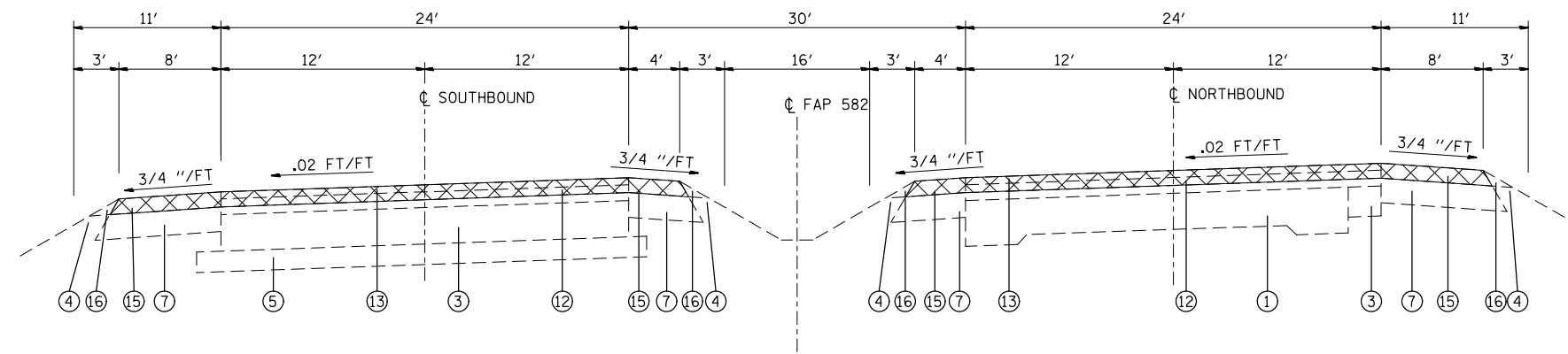
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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

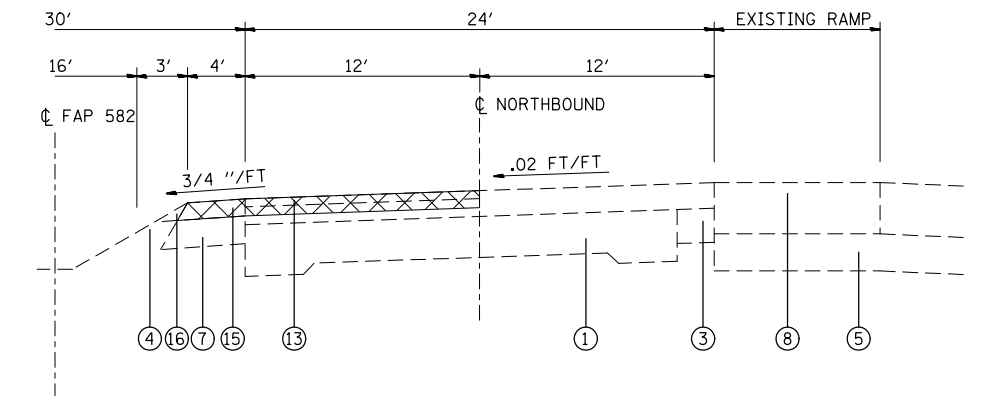
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 76E96				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

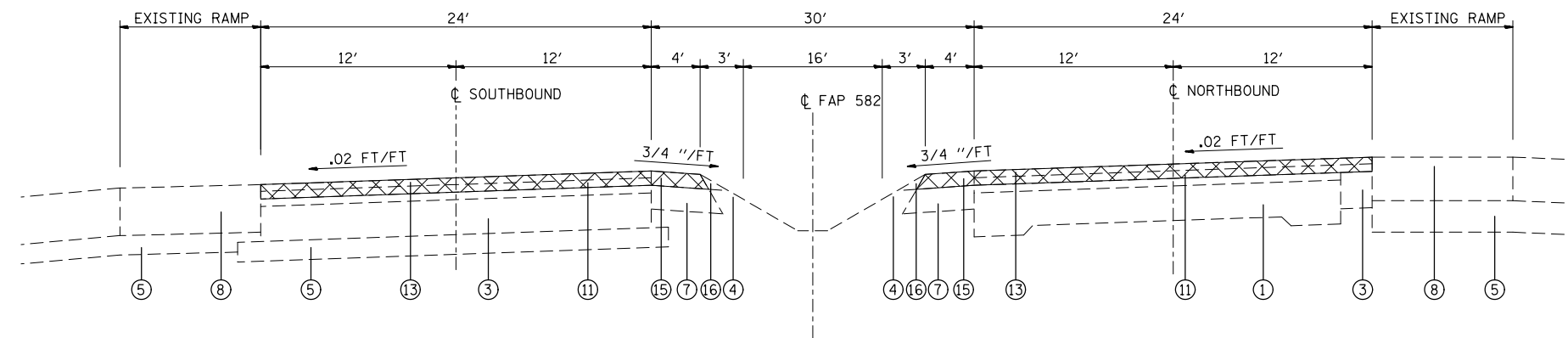


SOUTHBOUND
 STA. 183+95.69 TO STA. 190+45
 STA. 196+15 TO STA. 204+88

NORTHBOUND
 STA. 183+95.69 TO STA. 192+92
 STA. 198+52 TO STA. 203+00.00

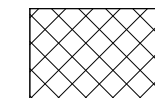


DETAIL A-A
 NORTHBOUND ONLY
 **STA. 196+39.26 TO STA. 198+01.04

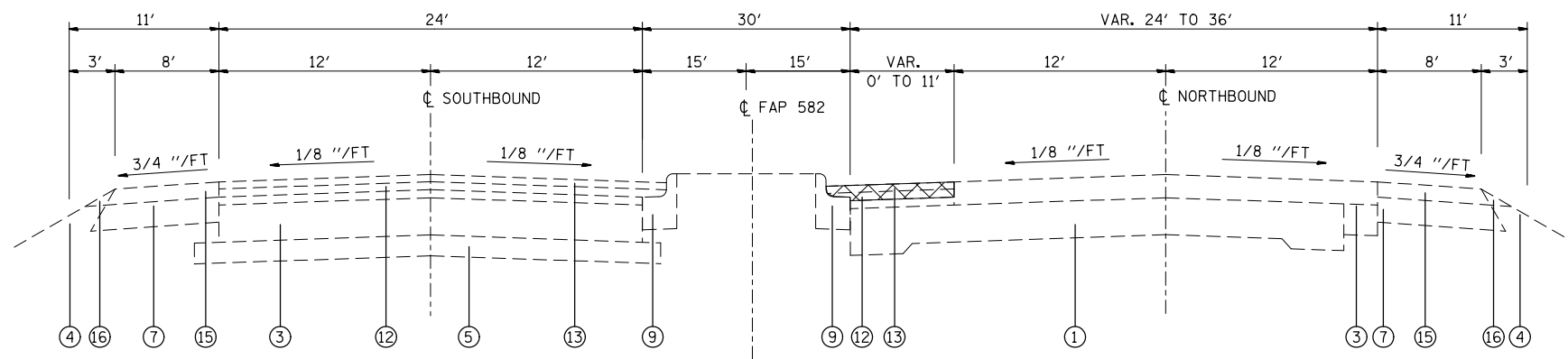


SOUTHBOUND
 STA. 190+45 TO STA. 196+15

NORTHBOUND
 STA. 192+92 TO STA. 196+39.26
 **STA. 196+39.26 TO STA. 198+01.04
 STA. 198+01.04 TO STA. 198+52
 (**SEE DETAIL A-A)



HMA SURFACE REMOVAL 2 1/4"



SOUTHBOUND
 STA. 204+88 TO STA. 207+41

NORTHBOUND
 STA. 203+00 TO STA. 207+41

LEGEND

- ① EXISTING P.C.C. PAVEMENT 10"-8"-10"
- ② EXISTING CURB & GUTTER, TYPE B-6.06
- ③ EXISTING P.C.C. PAVEMENT CONCRETE BASE COURSE 9"
- ④ EXISTING TURF SHOULDER
- ⑤ EXISTING SUB-BASE GRANULAR MATERIAL 6"
- ⑥ EXISTING CONCRETE MEDIAN SURFACE 4"
- ⑦ EXISTING SHOULDERS (STABILIZED)
- ⑧ EXISTING STANDARD REINFORCED JOINTED P.C.C. PAVEMENT 10"
- ⑨ EXISTING CONCRETE CURB & GUTTER, TYPE B-9.24
- ⑩ EXISTING HMA SHOULDERS (6" AND VARIES)
- ⑪ EXISTING LEVELING BINDER (MM) MIX C, TYPE 2, 3/4", 1" AND VARIES
- ⑫ EXISTING LEVELING BINDER (MM) MIX B, TYPE 2, 1 3/4" AND VARIES
- ⑬ EXISTING HMA CONCRETE SURFACE COURSE, MIX D, CLASS I, TYPE 2, 1 1/2"
- ⑭ EXISTING HMA CONCRETE PAVEMENT (FULL DEPTH), TYPE 2, 13 1/4"
- ⑮ EXISTING HMA SHOULDERS (VARIES 1 1/2" TO 6 1/2")
- ⑯ EXISTING AGGREGATE SHOULDERS, TYPE B

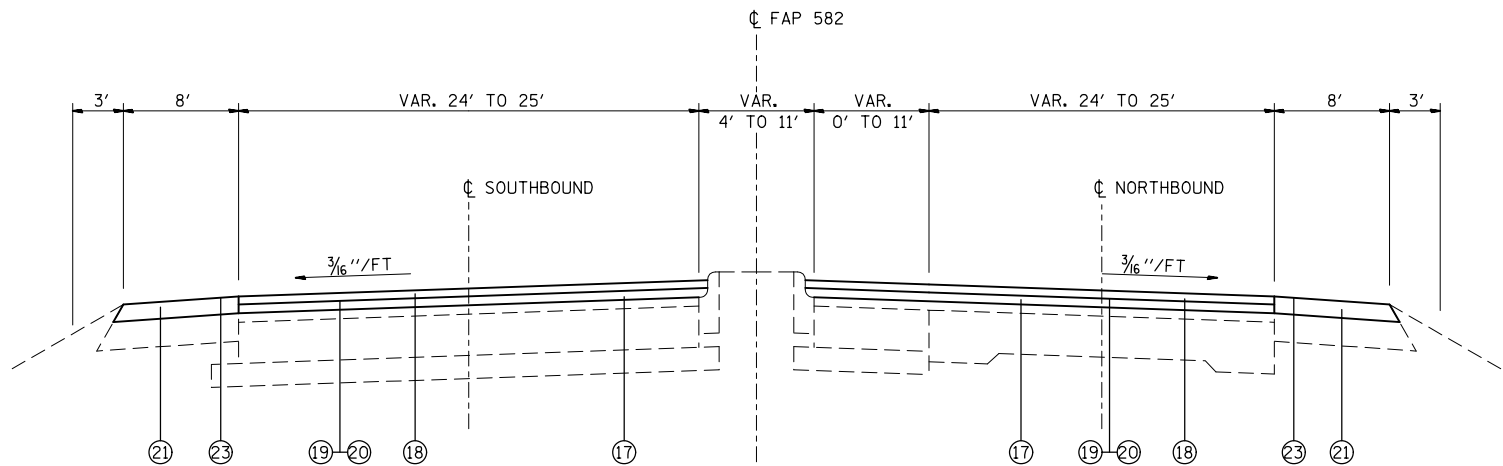
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

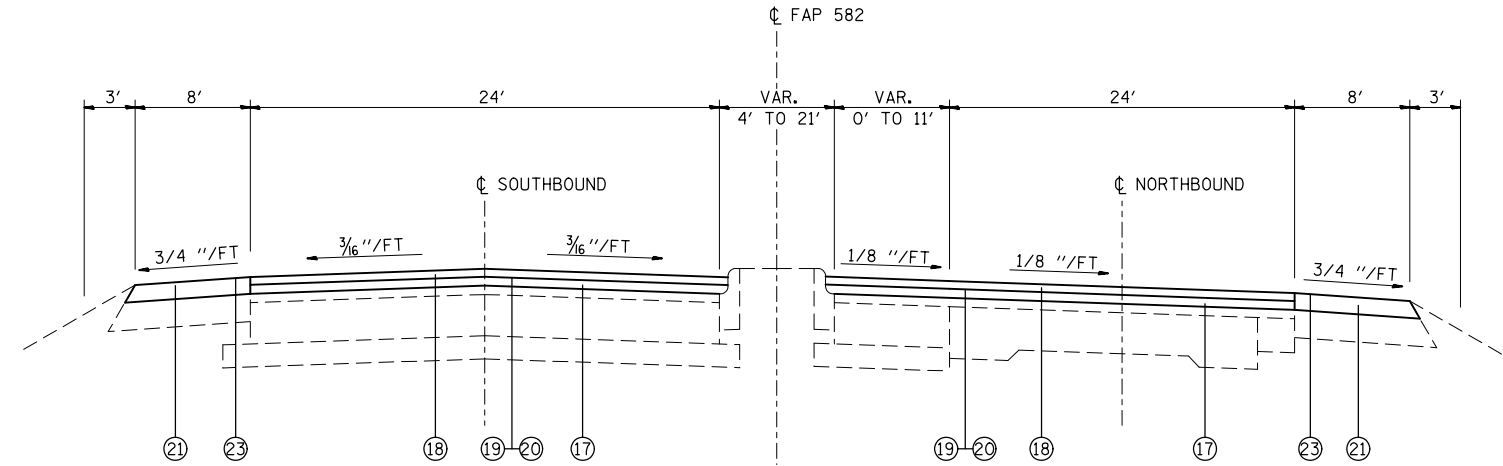
EXISTING TYPICAL SECTIONS

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

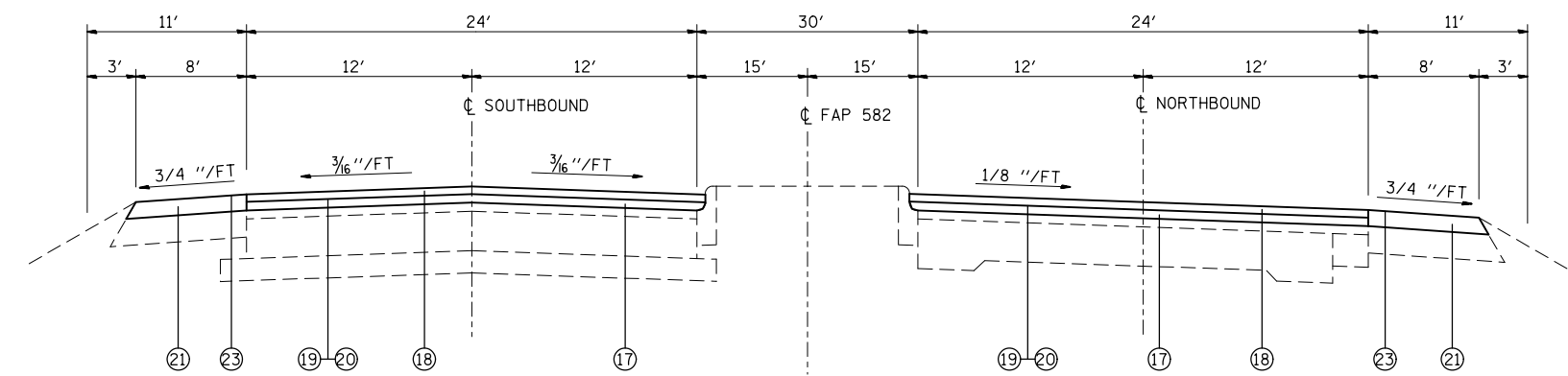
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3, 6-1)RS-3	MADISON	66	10
CONTRACT NO. 76E96				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



TYPICAL SECTION
STA. 95+40 TO STA. 96+00



TYPICAL SECTION
STA. 96+00 TO STA. 100+42



TYPICAL SECTION
STA. 100+42 TO STA. 104+35

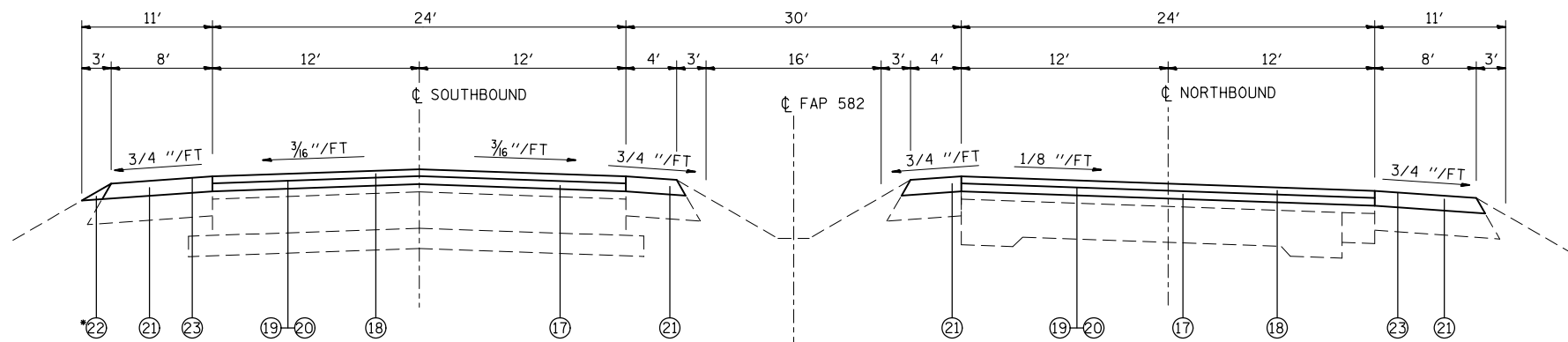
- LEGEND**
- (17) PROPOSED POLY-LEVELING BINDER (MM) N50, 3/4"
 - (18) PROPOSED POLY-HMA SURFACE COURSE, MIX E, N90, 1 1/2"
 - (19) PROPOSED BITUMINIOUS MATERIAL (PRIME COAT)
 - (20) PROPOSED AGGREGATE (PRIME COAT)
 - (21) PROPOSED HMA SHOULDERS 2 1/4"
 - (22) PROPOSED AGGREGATE WEDGE SHOULDER
 - (23) PROPOSED SHOULDER RUMBLE STRIP

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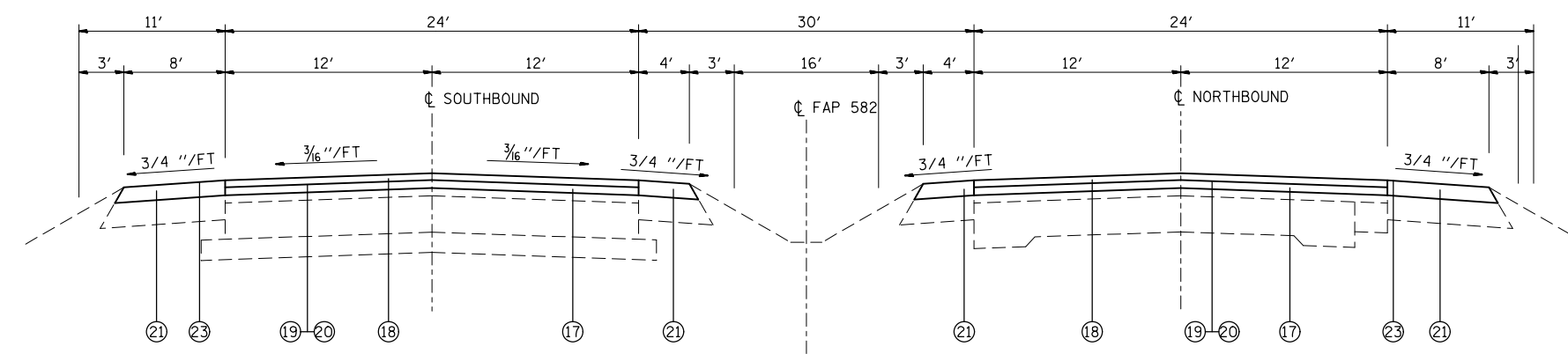
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

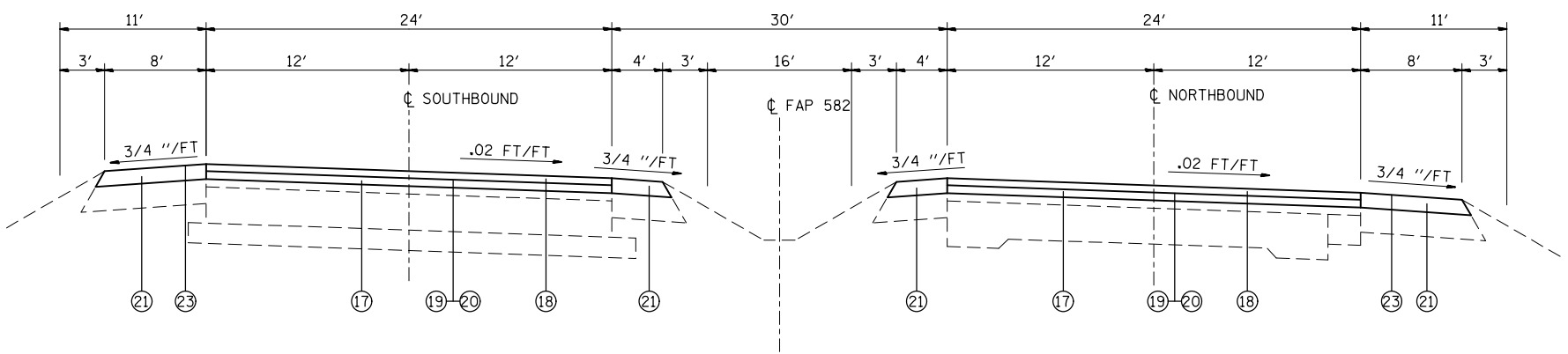
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3, 6-1)RS-3	MADISON	66	11
CONTRACT NO. 76E96				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



TYPICAL SECTION
 STA. 104+35 TO STA. 126+50
 *STA. 107+92.24 TO STA. 114+19.14



TYPICAL SECTION
 STA. 126+50 TO STA. 153+15.65
 STA. 175+10.72 TO STA. 183+95.69



TYPICAL SECTION
 STA. 153+15.65 TO STA. 175+10.72

- LEGEND**
- ⑰ PROPOSED POLY-LEVELING BINDER (MM) N50, 3/4"
 - ⑱ PROPOSED POLY-HMA SURFACE COURSE, MIX E, N90, 1 1/2"
 - ⑲ PROPOSED BITUMINIOUS MATERIAL (PRIME COAT)
 - ⑳ PROPOSED AGGREGATE (PRIME COAT)
 - ㉑ PROPOSED HMA SHOULDERS 2 1/4"
 - ㉒ PROPOSED AGGREGATE WEDGE SHOULDER
 - ㉓ PROPOSED SHOULDER RUMBLE STRIP

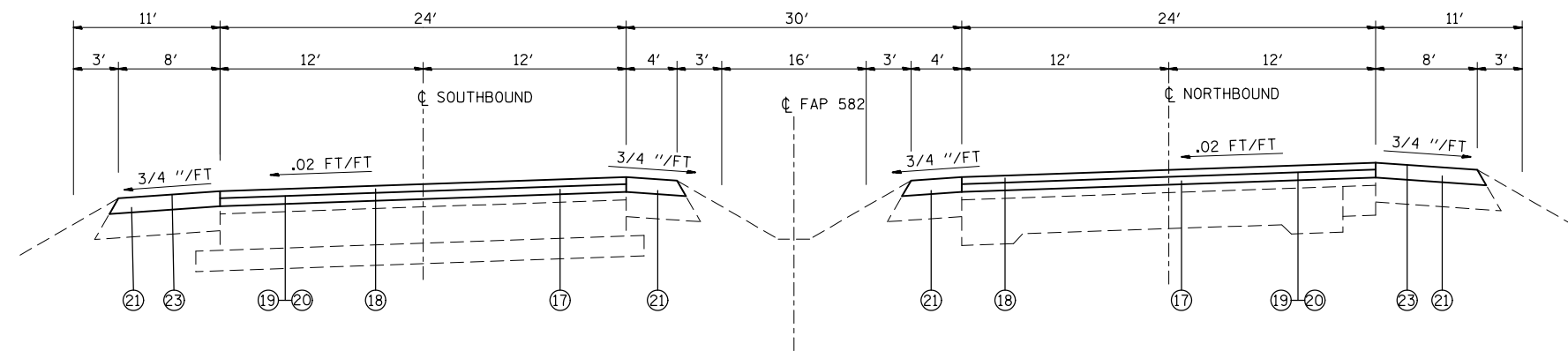
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS

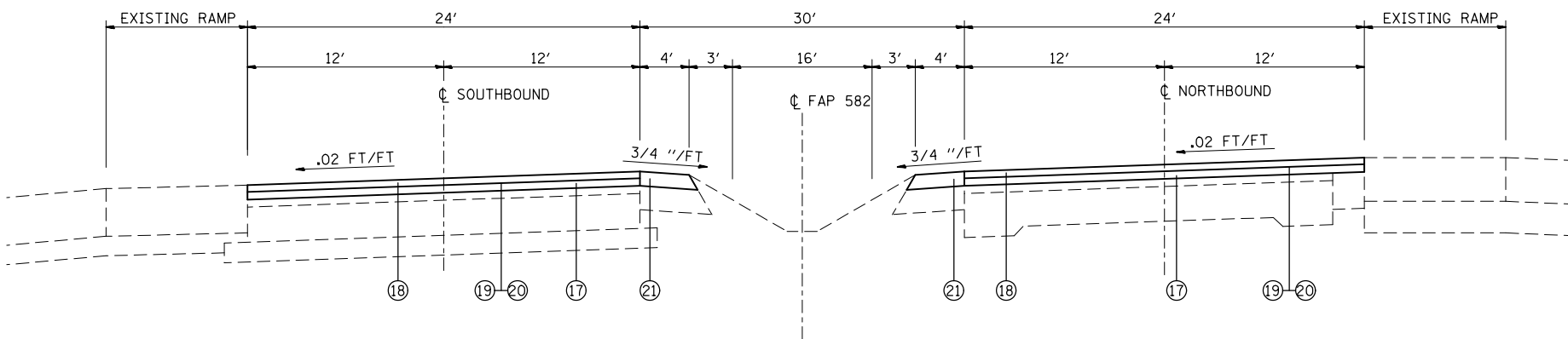
SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3, 6-1)RS-3	MADISON	66	12
CONTRACT NO. 76E96				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



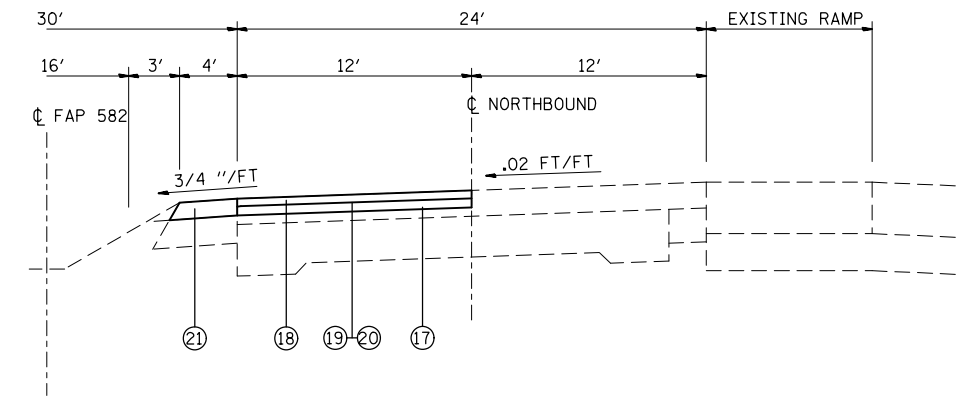
SOUTHBOUND
 STA. 183+95.69 TO STA. 190+45
 STA. 196+15 TO STA. 204+88

NORTHBOUND
 STA. 183+95.69 TO STA. 192+92
 STA. 198+52 TO STA. 203+00.00

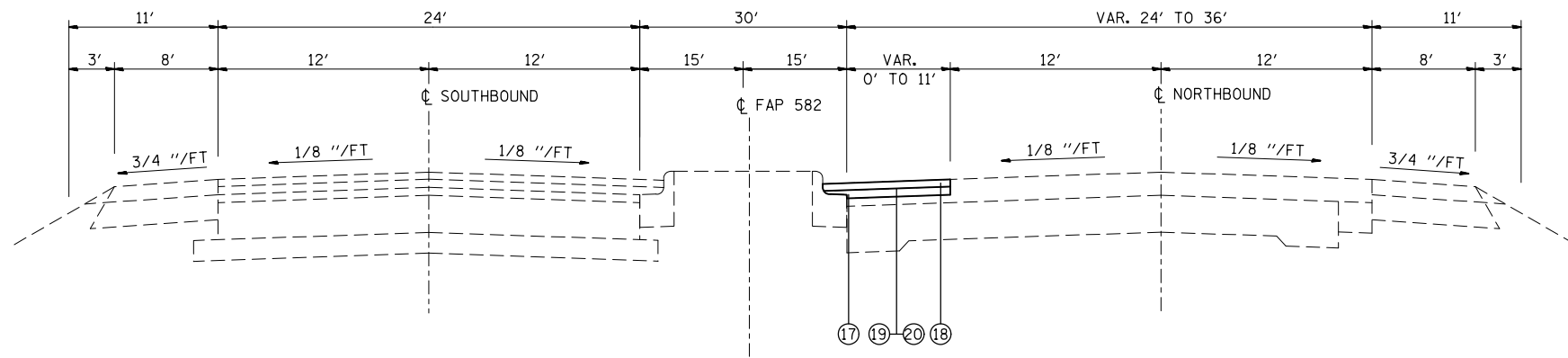


SOUTHBOUND
 STA. 190+45 TO STA. 196+15

NORTHBOUND
 STA. 192+92 TO STA. 196+39.26
 **STA. 196+39.26 TO STA. 198+01.04
 STA. 198+01.04 TO STA. 198+52
 (**SEE DETAIL A-A)



DETAIL A-A
 NORTHBOUND ONLY
 **STA. 196+39.26 TO STA. 198+01.04



SOUTHBOUND
 STA. 204+88 TO STA. 207+41

NORTHBOUND
 STA. 203+00 TO STA. 207+41

- LEGEND**
- ⑰ PROPOSED POLY-LEVELING BINDER (MM) N50, 3/4"
 - ⑱ PROPOSED POLY-HMA SURFACE COURSE, MIX E, N90, 1 1/2"
 - ⑲ PROPOSED BITUMINIOUS MATERIAL (PRIME COAT)
 - ⑳ PROPOSED AGGREGATE (PRIME COAT)
 - ㉑ PROPOSED HMA SHOULDERS 2 1/4"
 - ㉒ PROPOSED AGGREGATE WEDGE SHOULDER
 - ㉓ PROPOSED SHOULDER RUMBLE STRIP

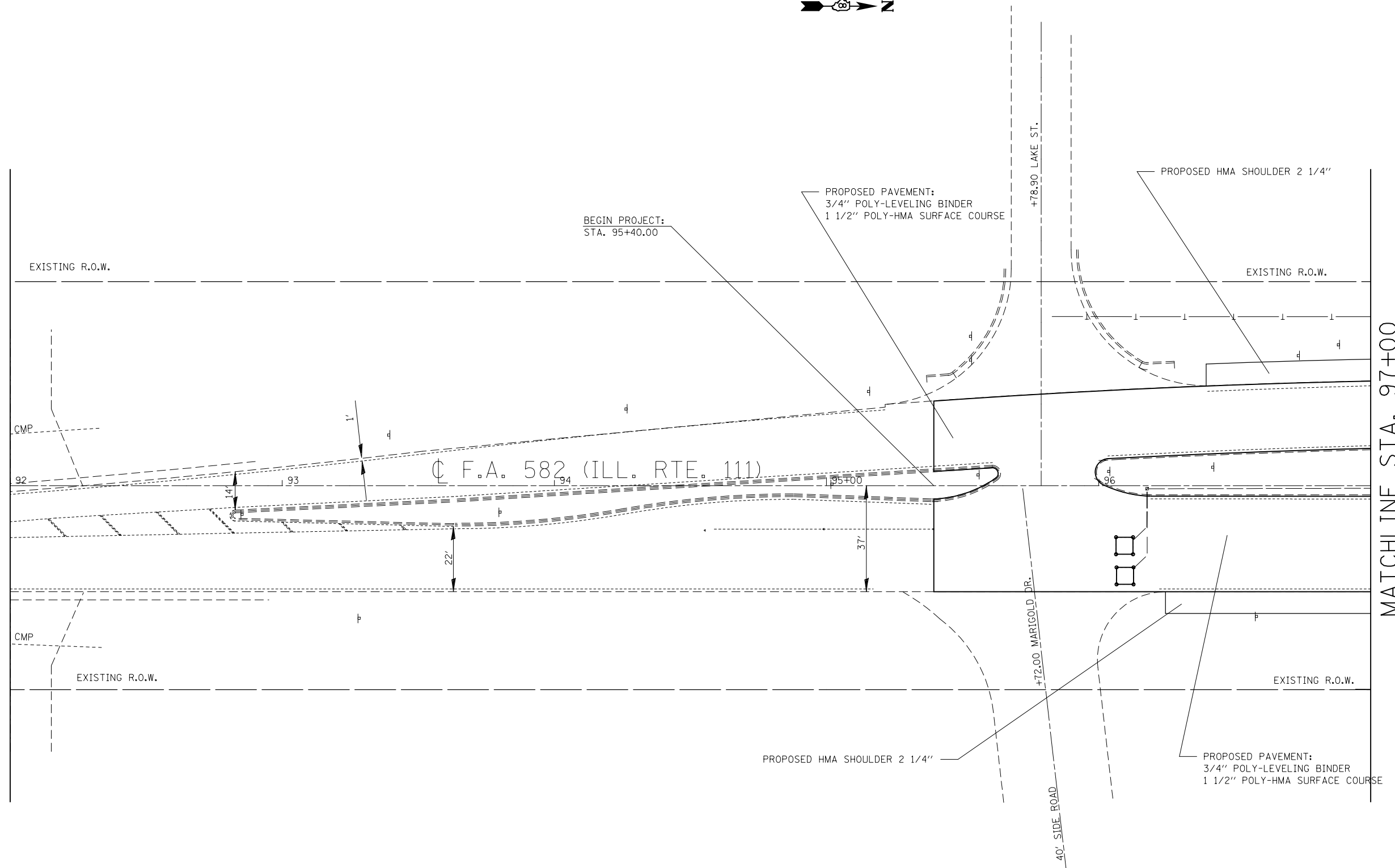
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

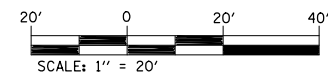
PROPOSED TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3, 6-1)RS-3	MADISON	66	13
CONTRACT NO. 76E96				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 97+00



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

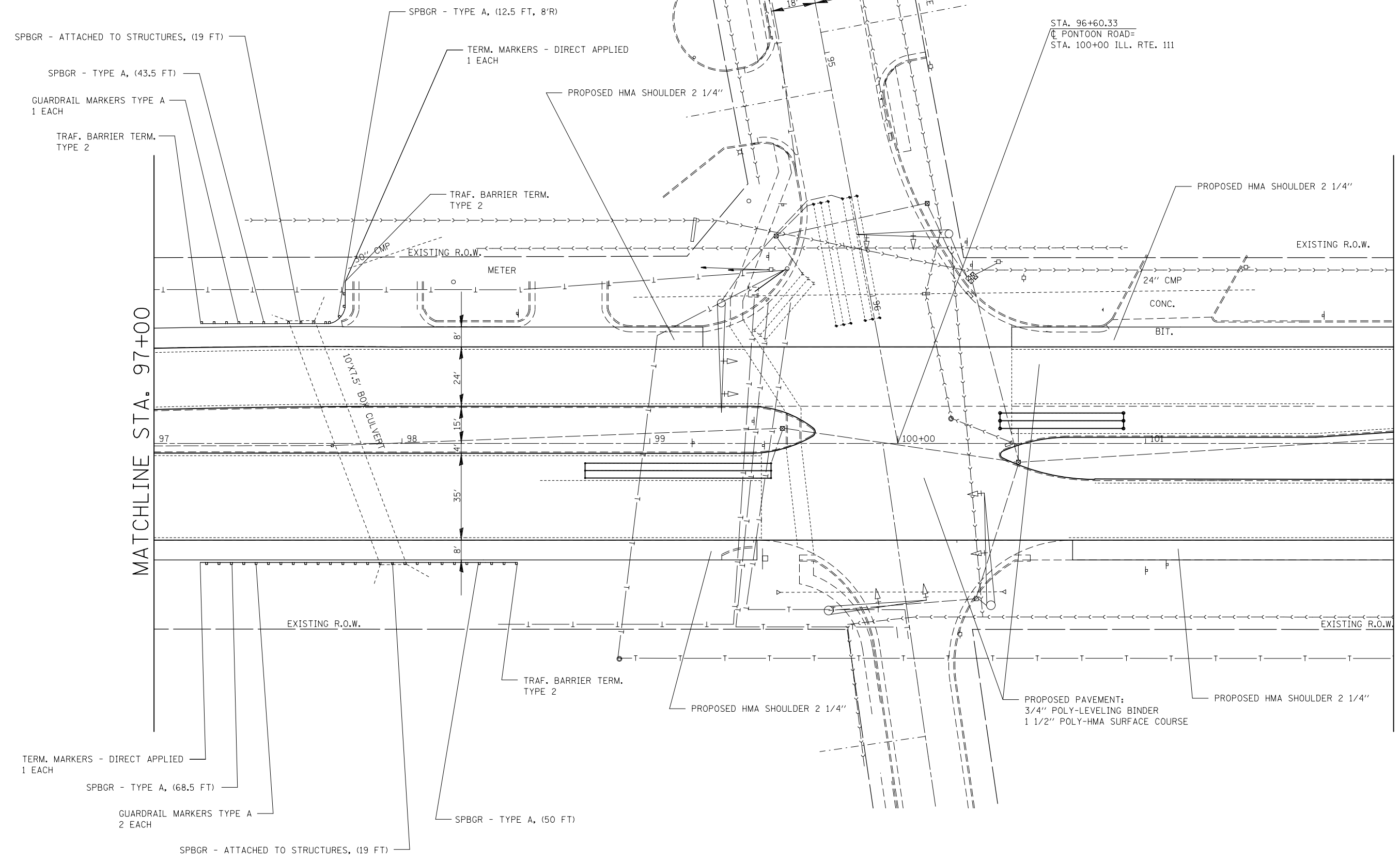
PLAN VIEW SHEETS			
SCALE: 20	SHEET NO. 1 OF 24 SHEETS	STA. 92+00	TO STA. 97+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	14
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



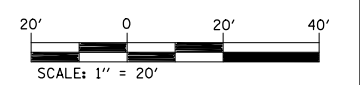
MATCHLINE STA. 97+00

MATCHLINE STA. 102+00



STA. 96+60.33
 PONTON ROAD=
 STA. 100+00 ILL. RTE. 111

PROPOSED PAVEMENT:
 3/4" POLY-LEVELING BINDER
 1 1/2" POLY-HMA SURFACE COURSE



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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS

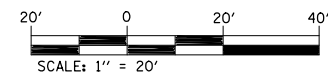
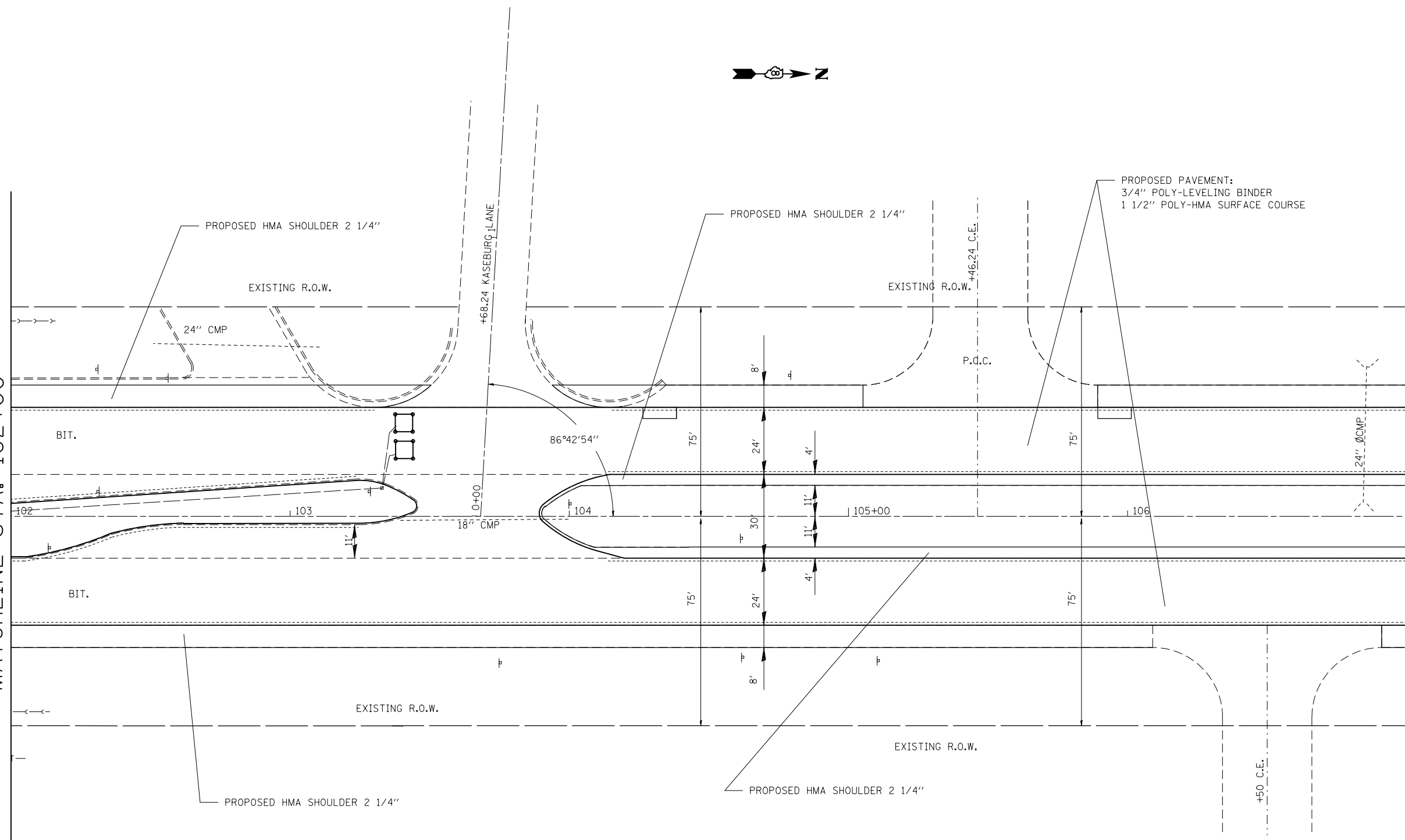
SCALE: 20 SHEET NO. 2 OF 24 SHEETS STA. 97+00 TO STA. 102+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	15
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 102+00

MATCHLINE STA. 107+00



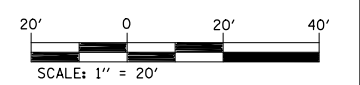
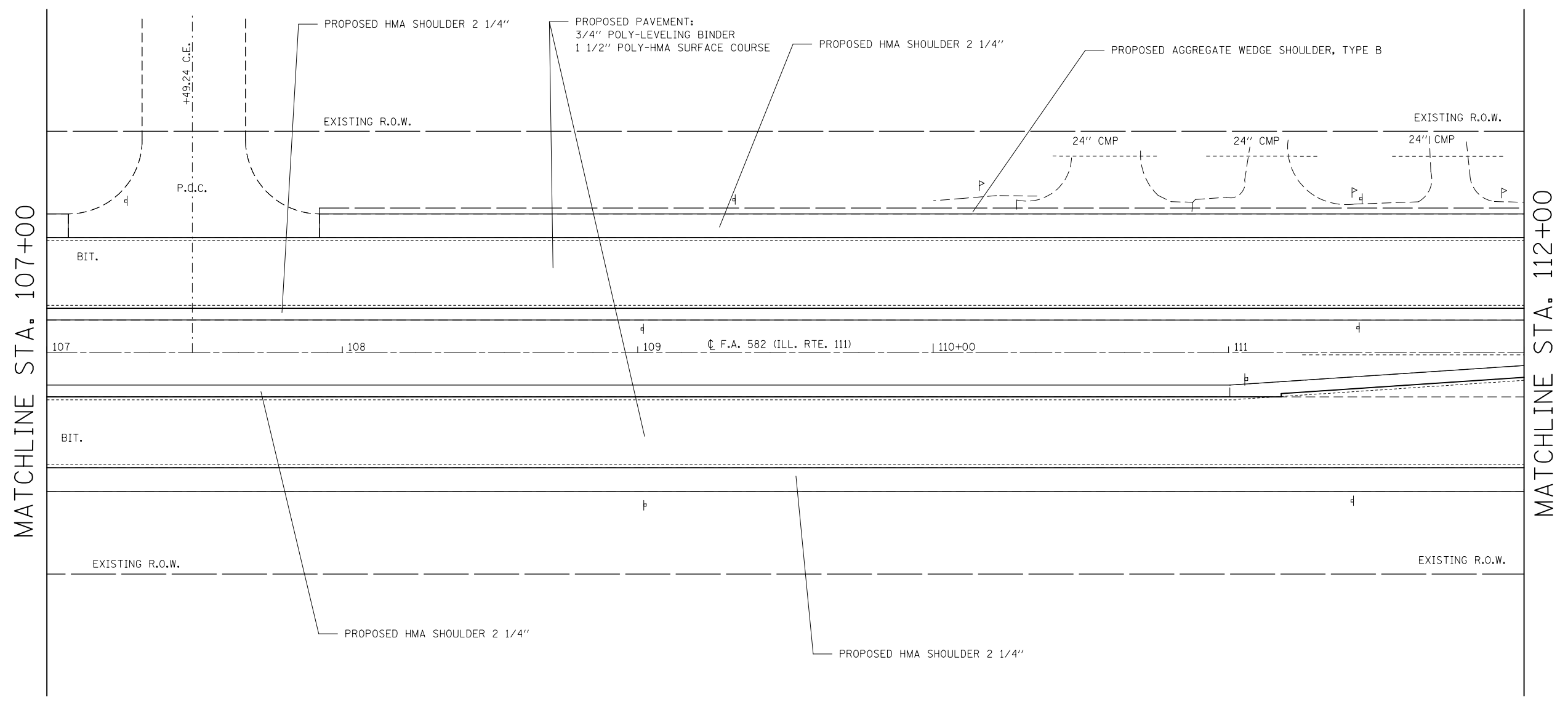
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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 3 OF 24 SHEETS STA. 102+00 TO STA. 107+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	16
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = milleraj	DESIGNED -	REVISED -
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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

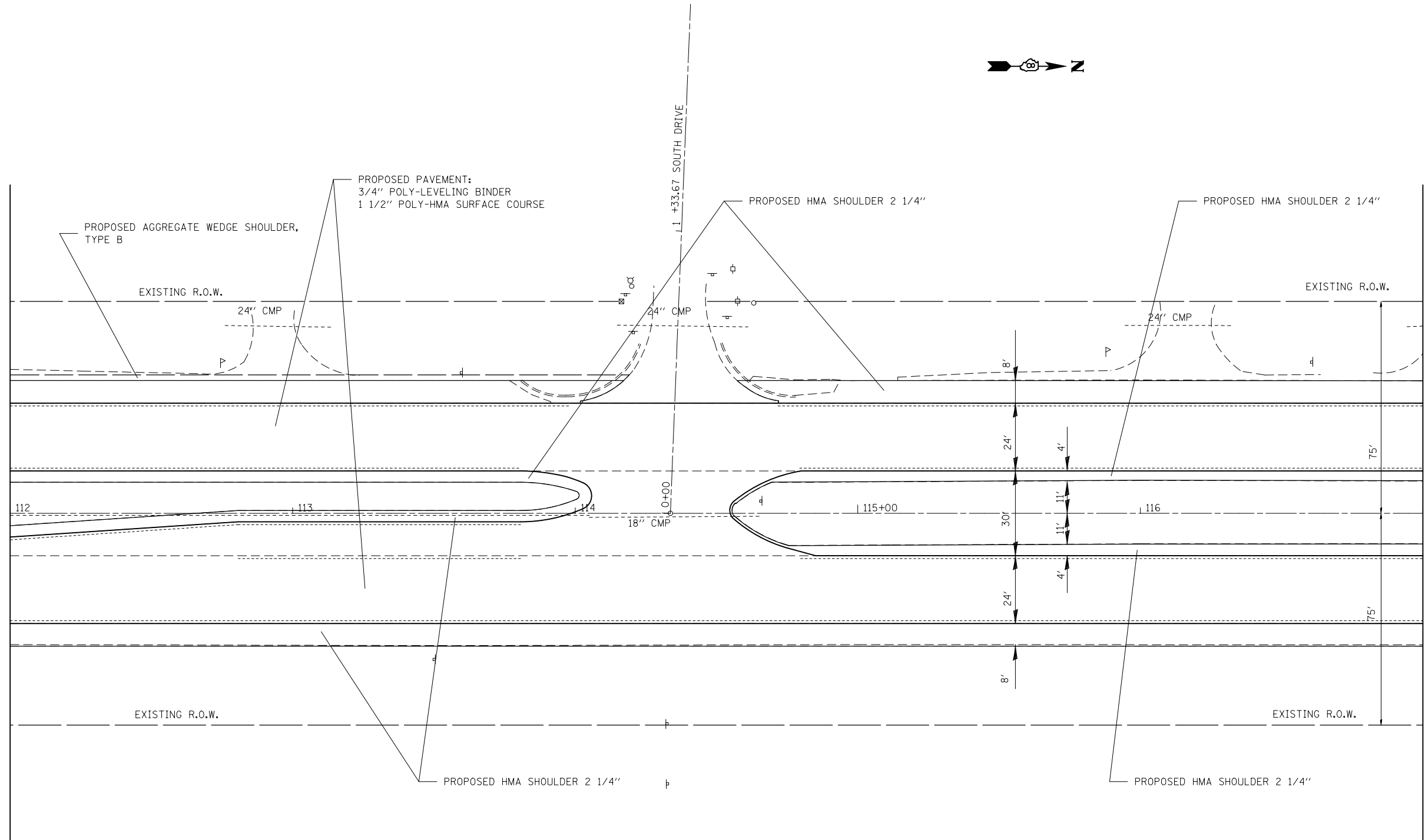
PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 4 OF 24 SHEETS STA. 107+00 TO STA. 112+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	17
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 112+00

MATCHLINE STA. 117+00



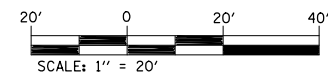
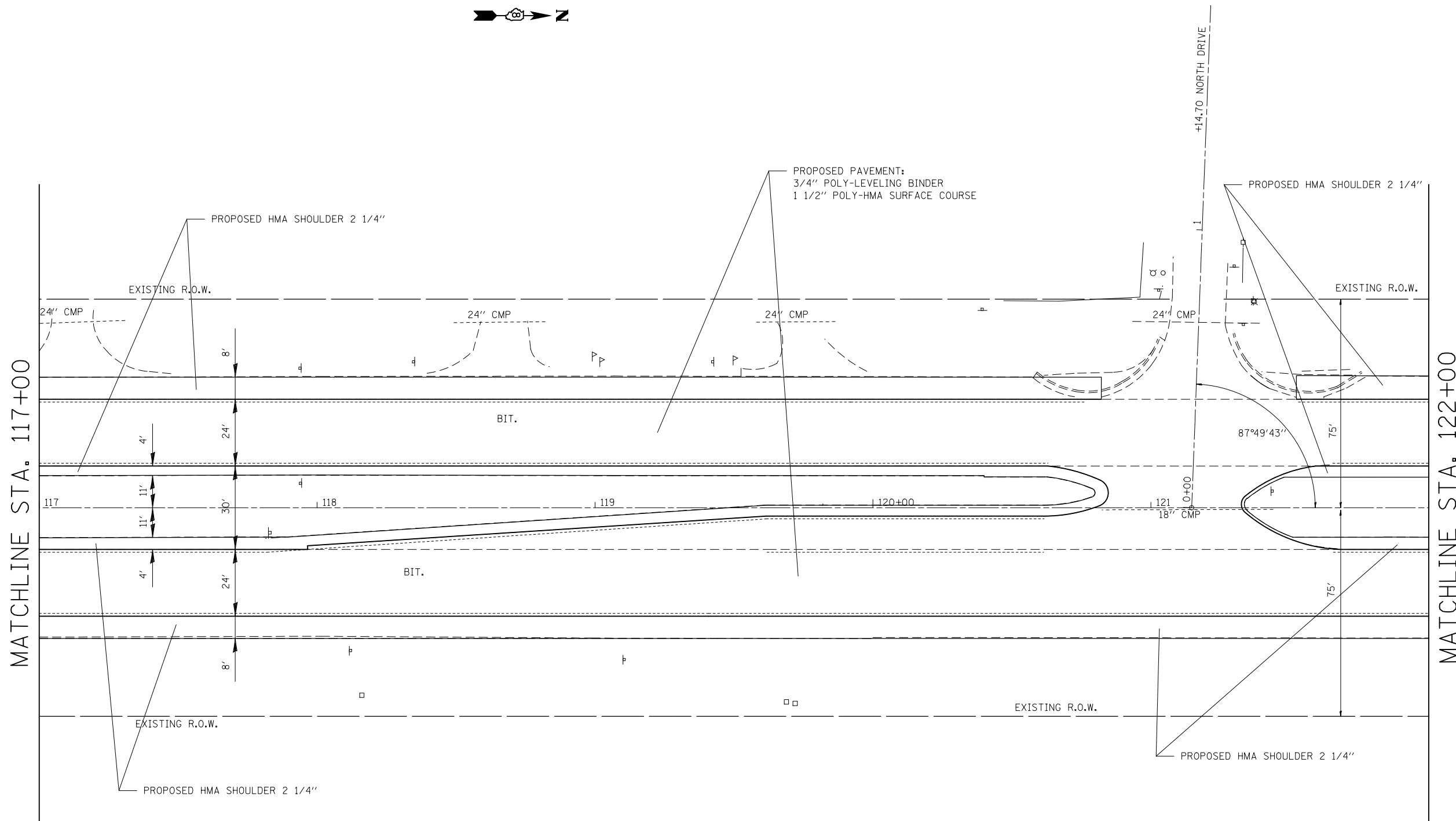
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PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 12/16/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 5 OF 24 SHEETS STA. 112+00 TO STA. 117+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	18
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



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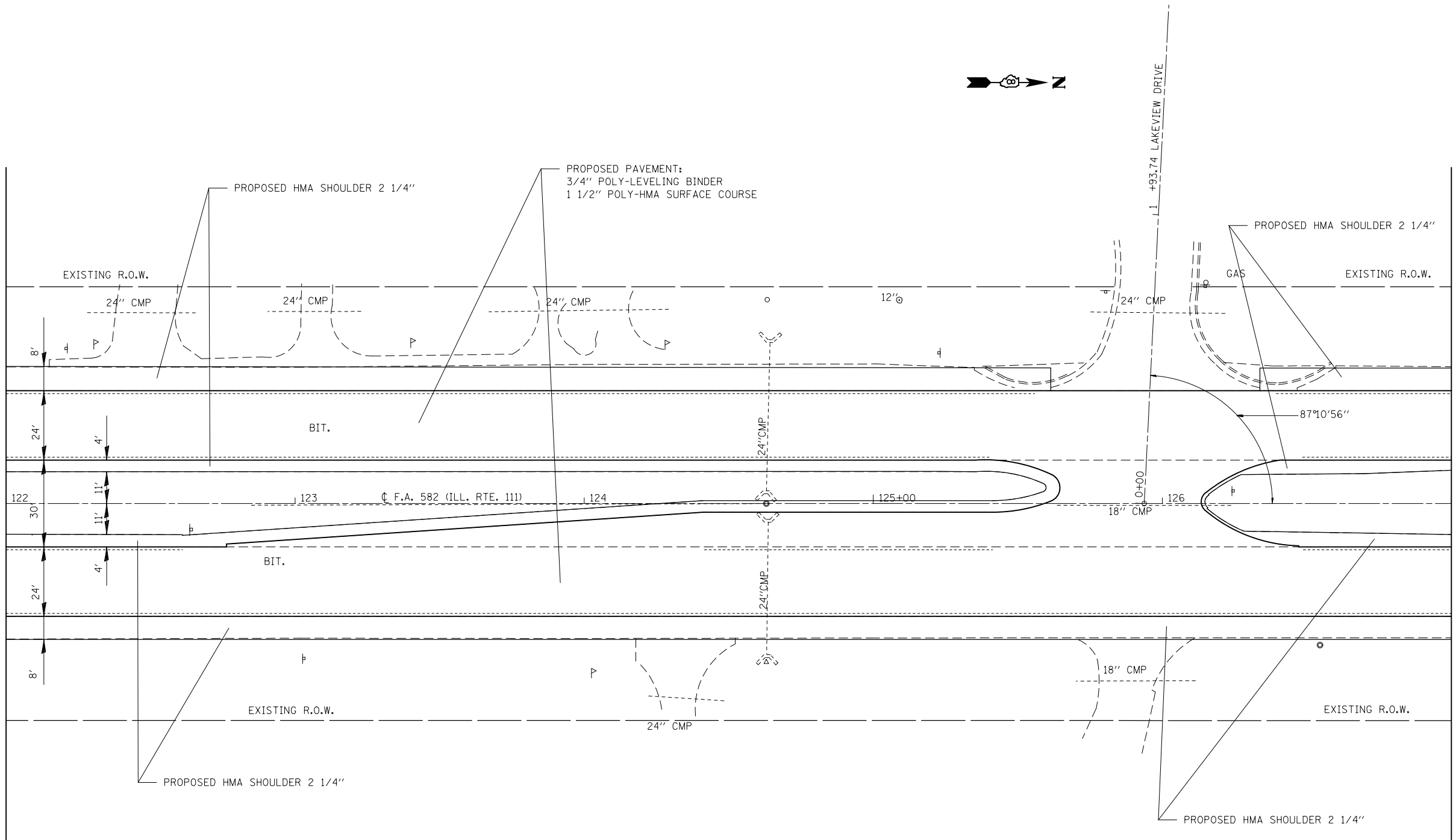
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS

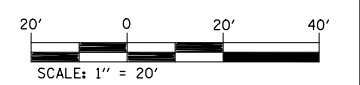
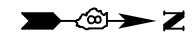
SCALE: 20 SHEET NO. 6 OF 24 SHEETS STA. 117+00 TO STA. 122+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	19
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 122+00



MATCHLINE STA. 127+00



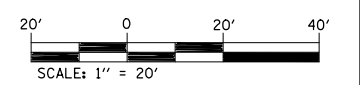
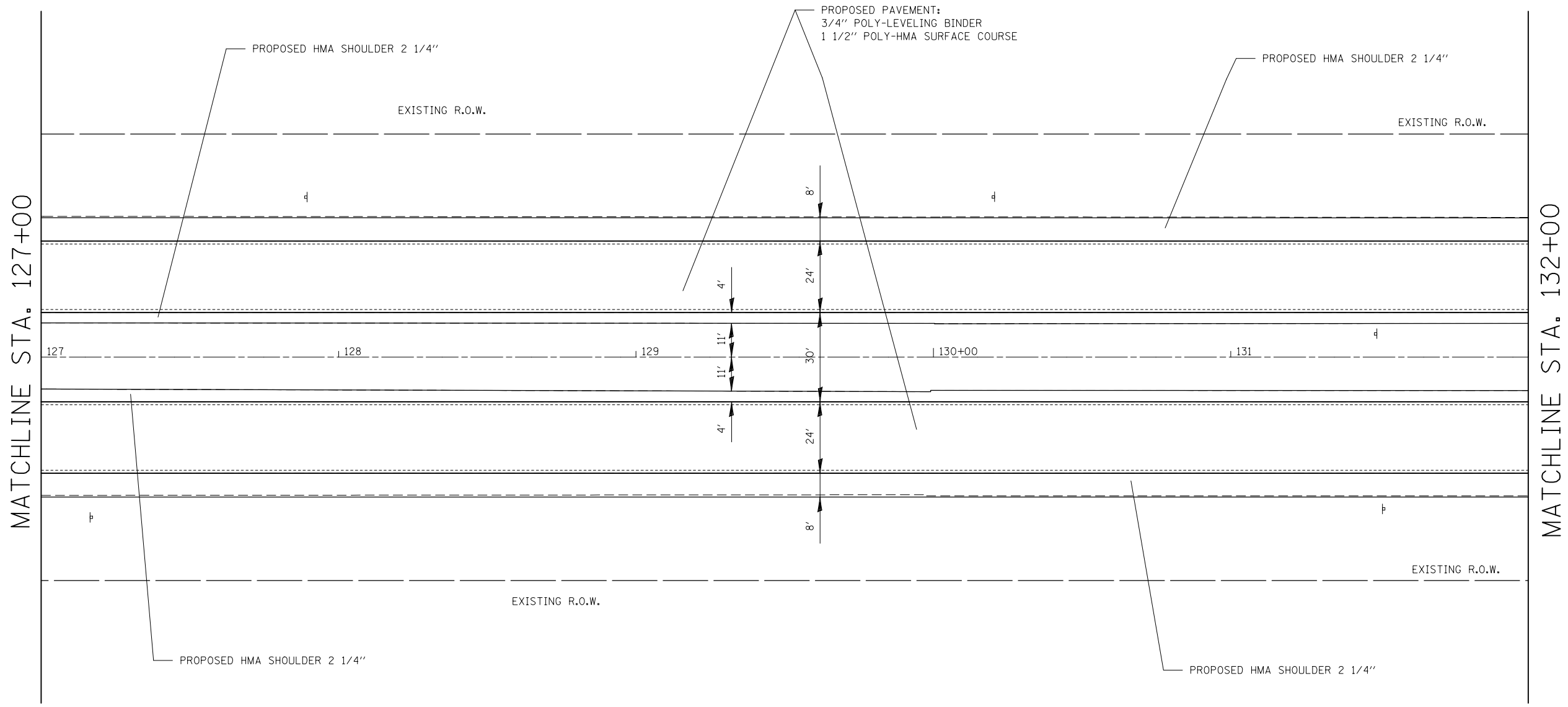
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PLOT DATE = 12/16/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 7 OF 24 SHEETS STA. 122+00 TO STA. 127+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6)-IRS-3	MADISON	66	20
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



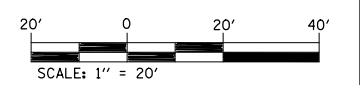
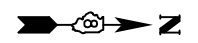
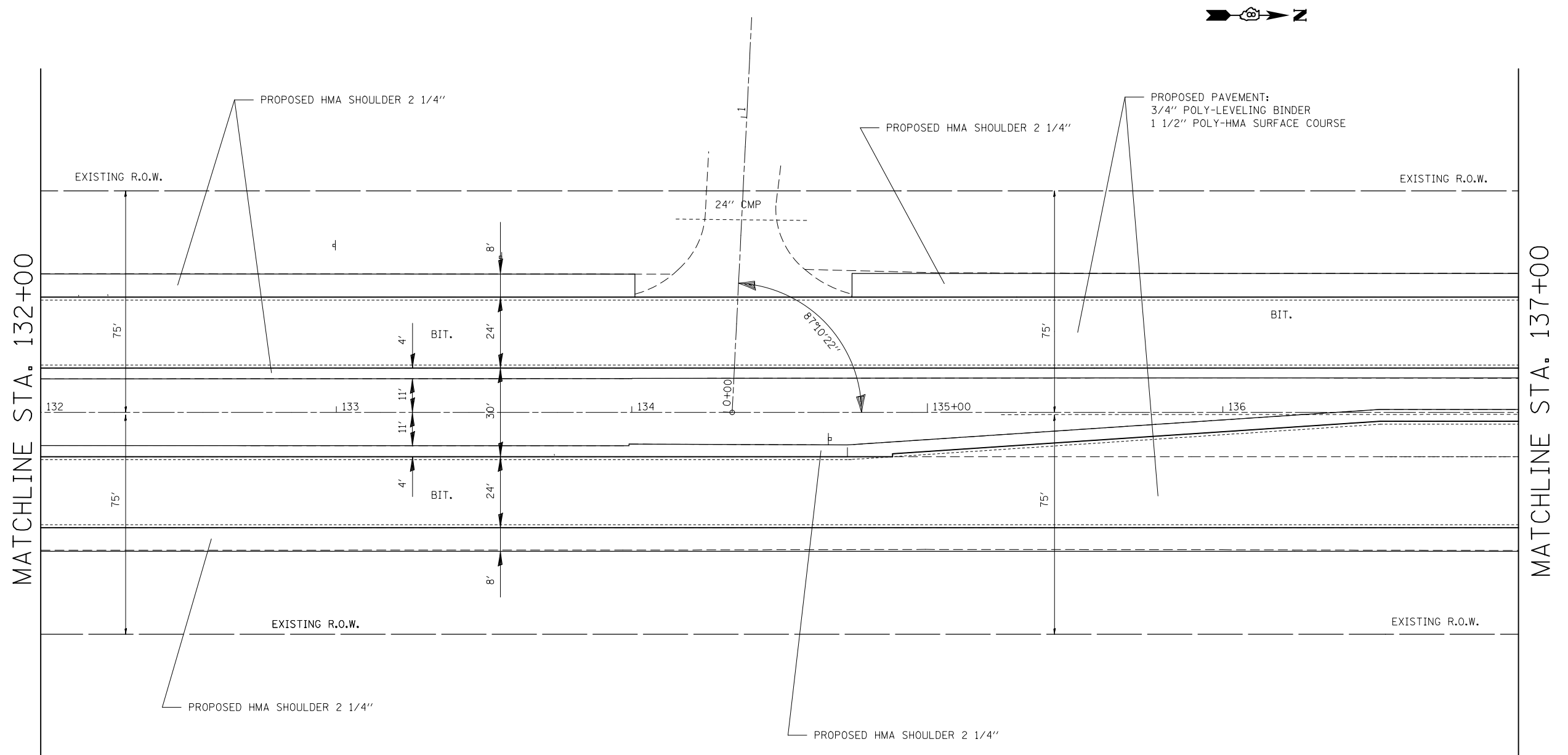
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PLOT DATE = 12/16/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 8 OF 24 SHEETS STA. 127+00 TO STA. 132+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	21
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



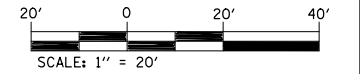
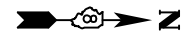
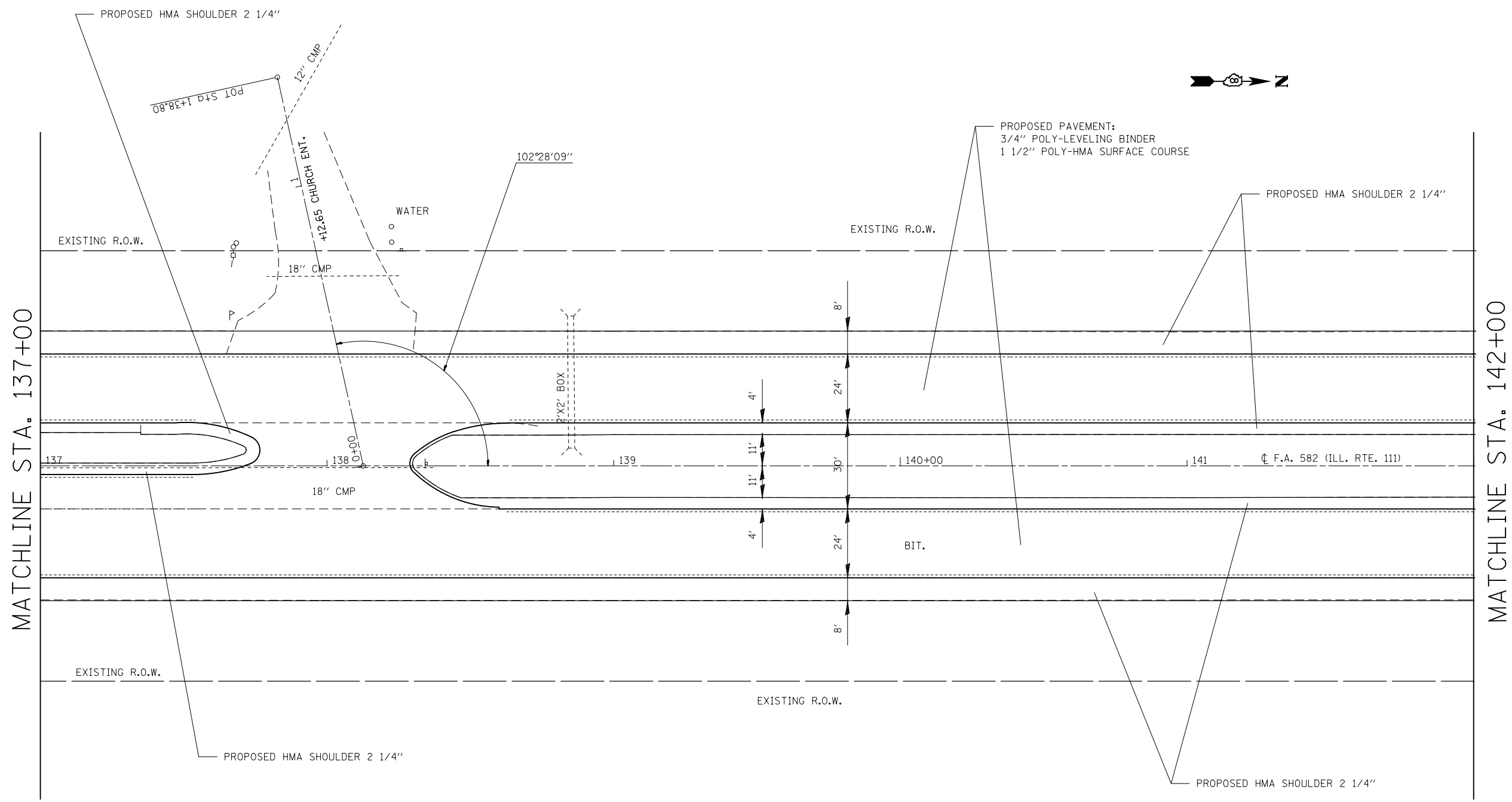
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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 9 OF 24 SHEETS STA. 132+00 TO STA. 137+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	22
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



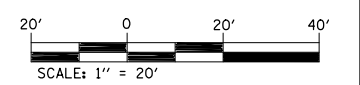
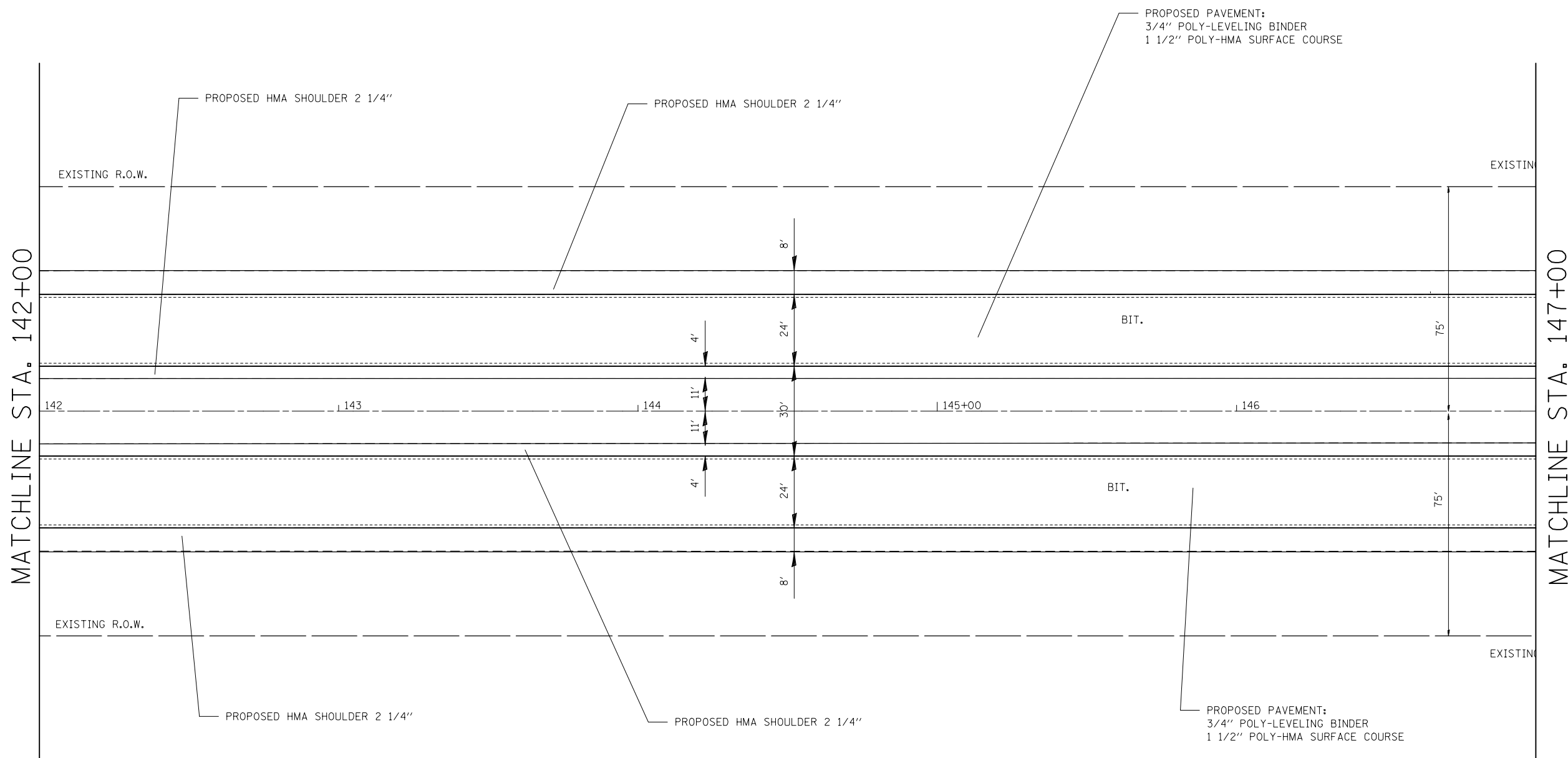
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PLOT DATE = 12/16/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 10 OF 24 SHEETS STA. 137+00 TO STA. 142+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	23
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = milleraj	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 12/16/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

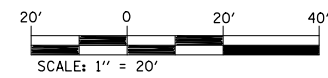
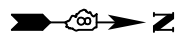
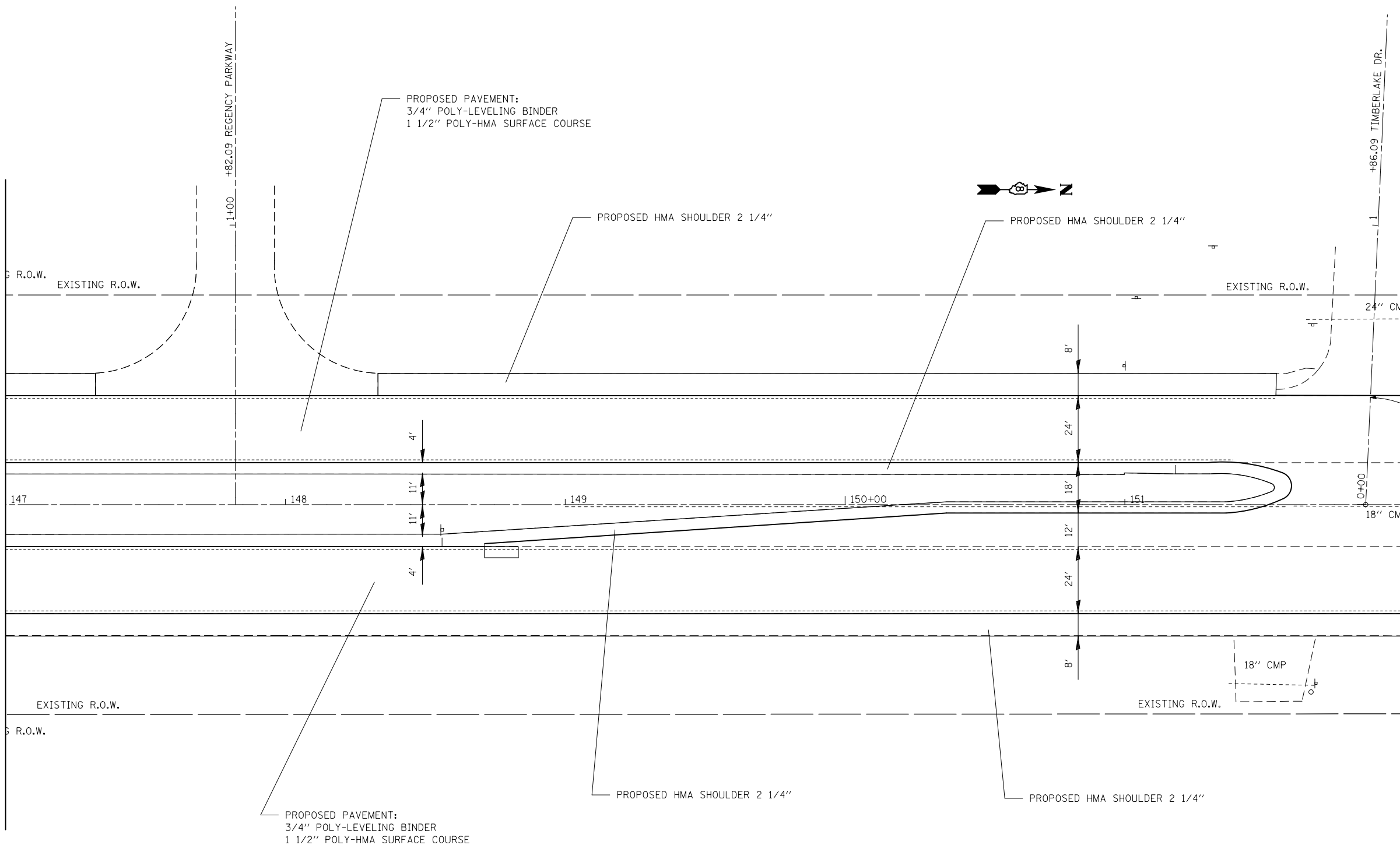
PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 11 OF 24 SHEETS STA. 142+00 TO STA. 147+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	24
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 147+00

MATCHLINE STA. 152+00



FILE NAME =	USER NAME = milleraj	DESIGNED -	REVISED -
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PLOT DATE = 12/16/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

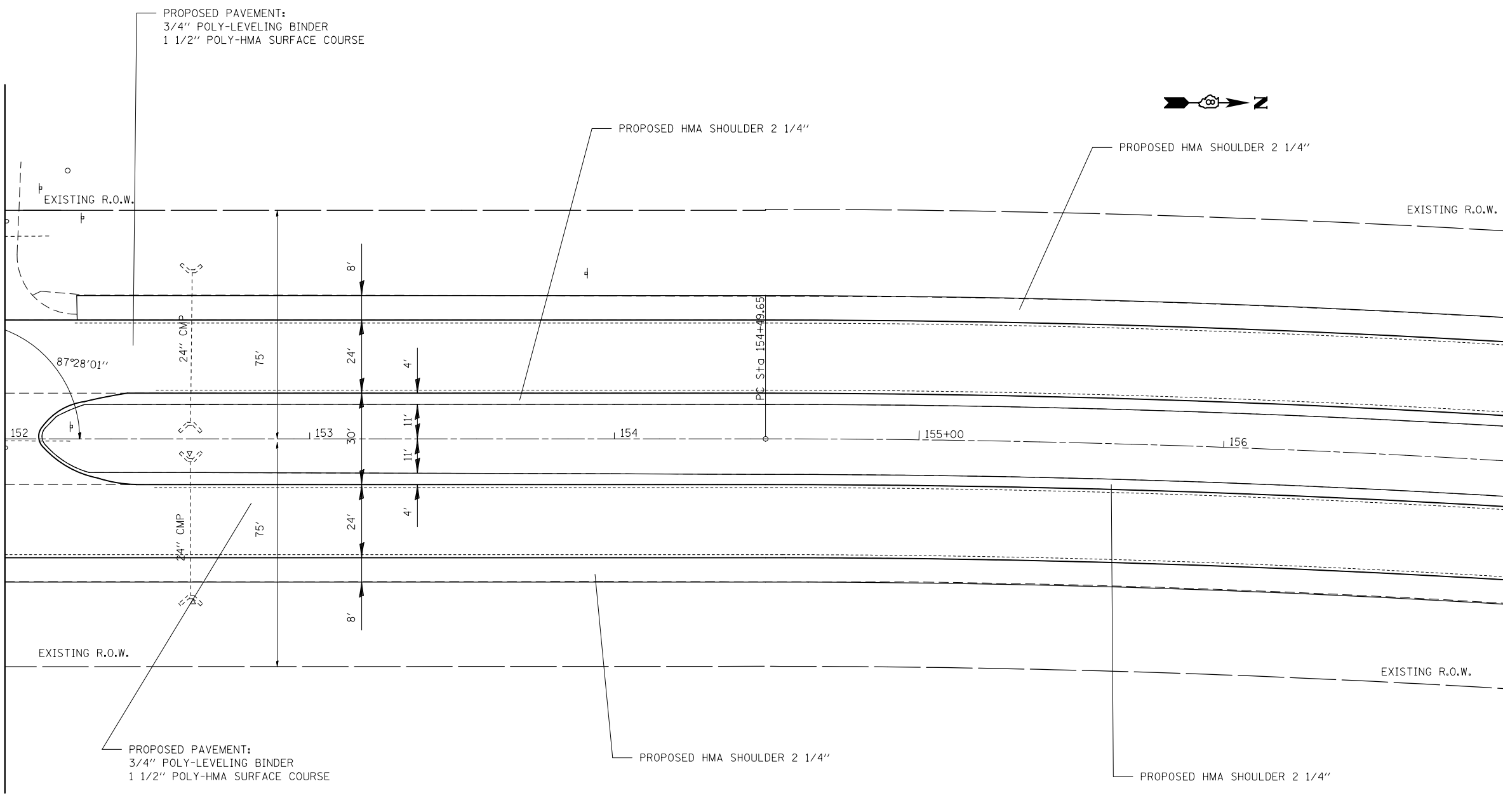
PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 12 OF 24 SHEETS STA. 147+00 TO STA. 152+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	25
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 152+00

MATCHLINE STA. 157+00



PROPOSED PAVEMENT:
 3/4" POLY-LEVELING BINDER
 1 1/2" POLY-HMA SURFACE COURSE

PROPOSED PAVEMENT:
 3/4" POLY-LEVELING BINDER
 1 1/2" POLY-HMA SURFACE COURSE

PROPOSED HMA SHOULDER 2 1/4"

PROPOSED HMA SHOULDER 2 1/4"

EXISTING R.O.W.

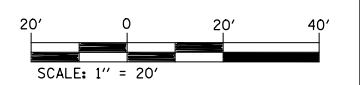
EXISTING R.O.W.

EXISTING R.O.W.

EXISTING R.O.W.

PROPOSED HMA SHOULDER 2 1/4"

PROPOSED HMA SHOULDER 2 1/4"



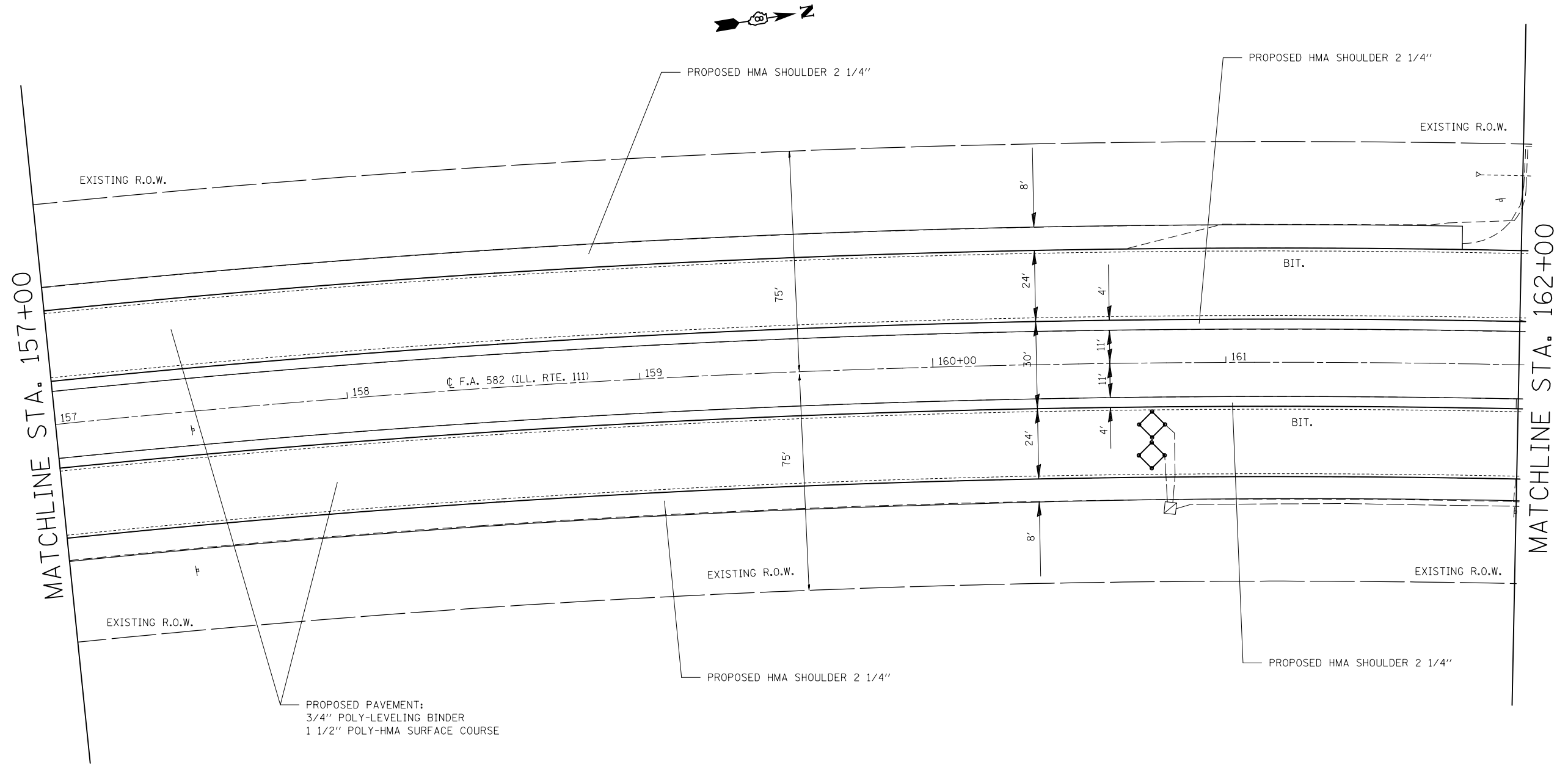
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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 13 OF 24 SHEETS STA. 152+00 TO STA. 157+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	26
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



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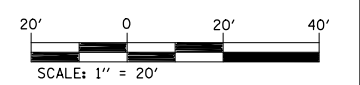
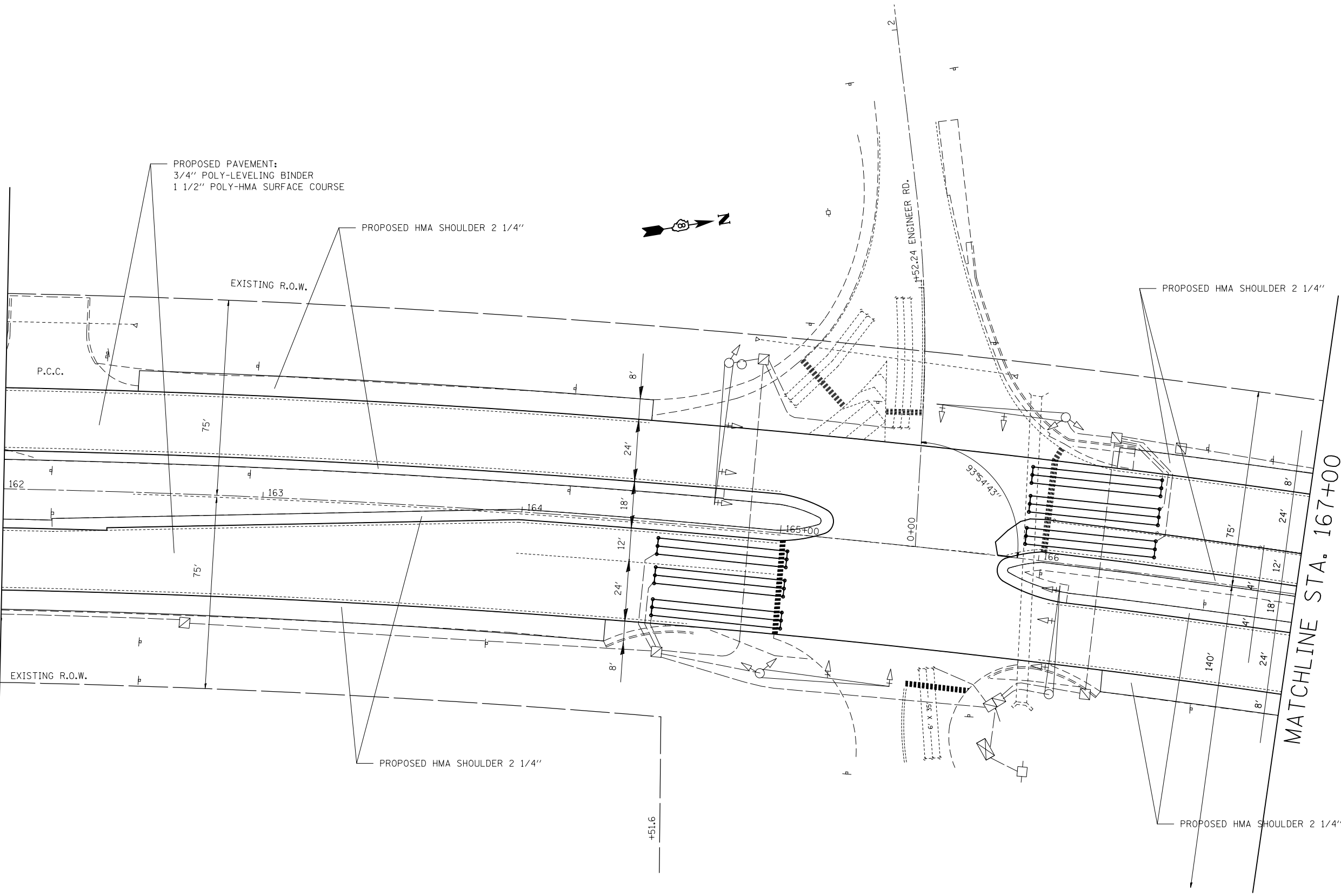
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 14 OF 24 SHEETS STA. 157+00 TO STA. 162+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	27
CONTRACT NO. 76E96			ILLINOIS FED. AID PROJECT	

MATCHLINE STA. 162+00



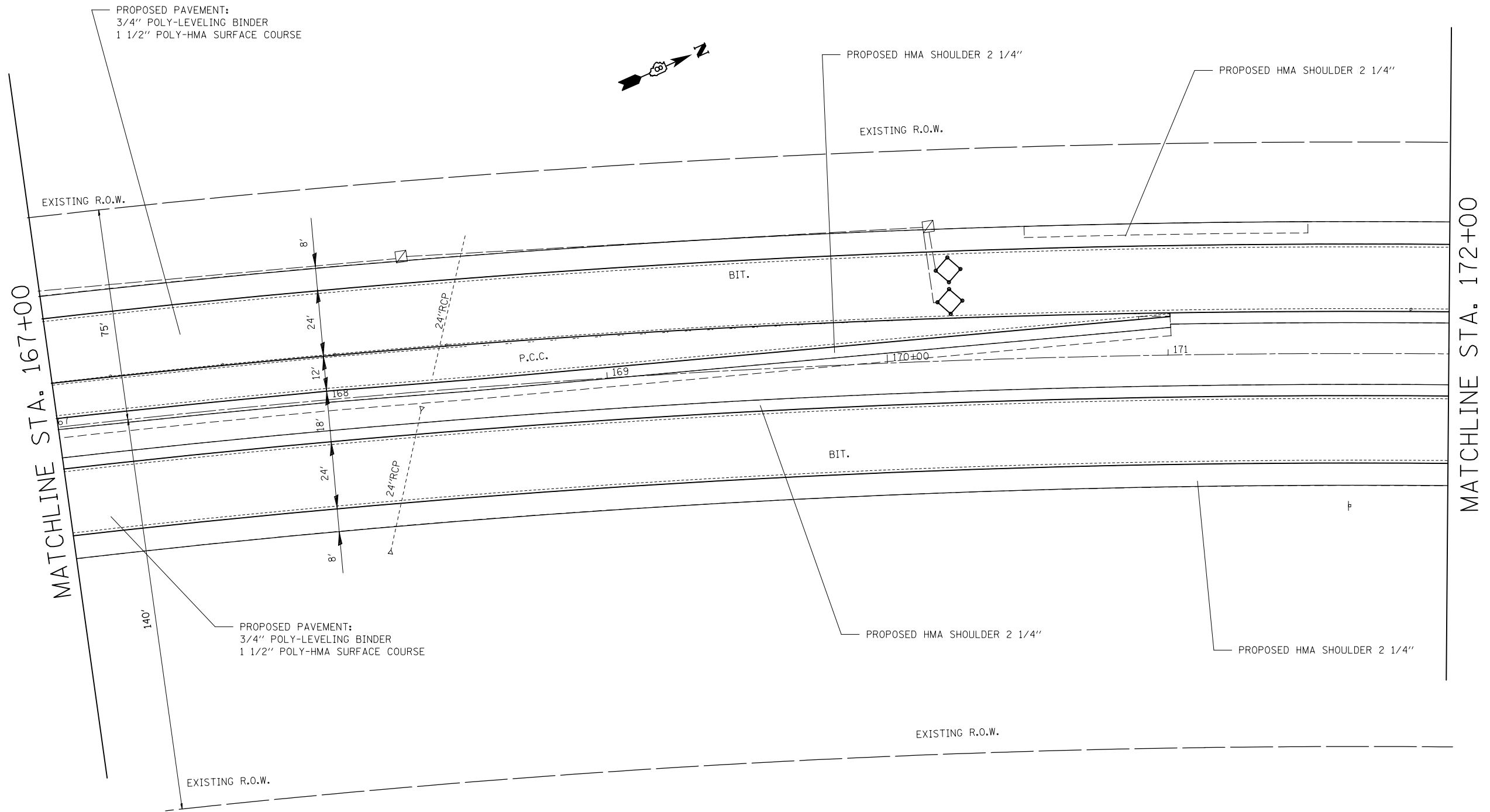
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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 15 OF 24 SHEETS STA. 162+00 TO STA. 167+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	28
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				

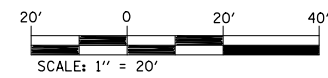
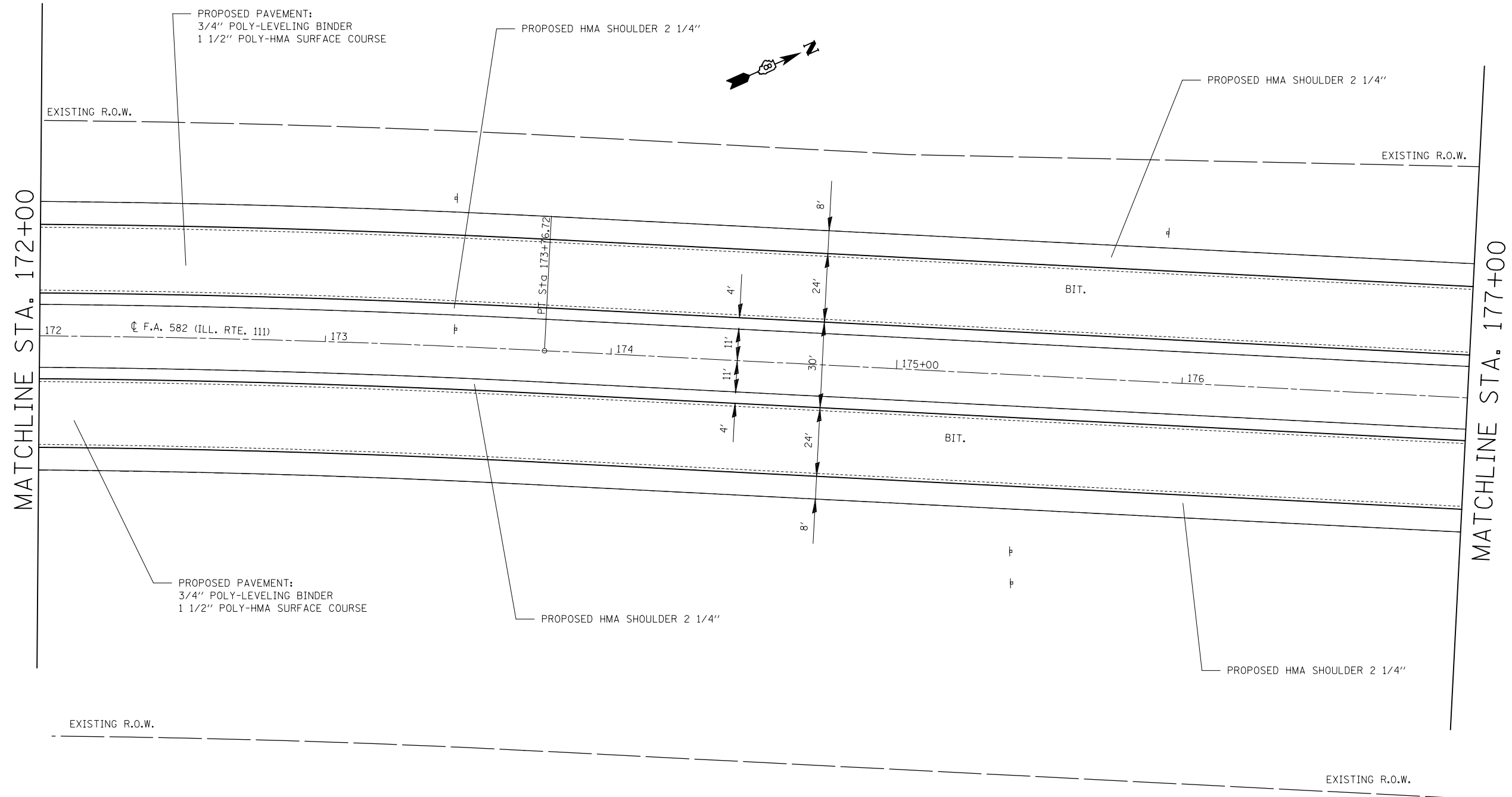


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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS		
SCALE: 20	SHEET NO. 16 OF 24 SHEETS	STA. 167+00 TO STA. 172+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	29
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				

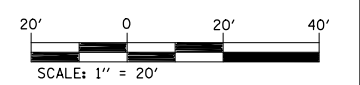
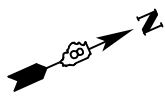
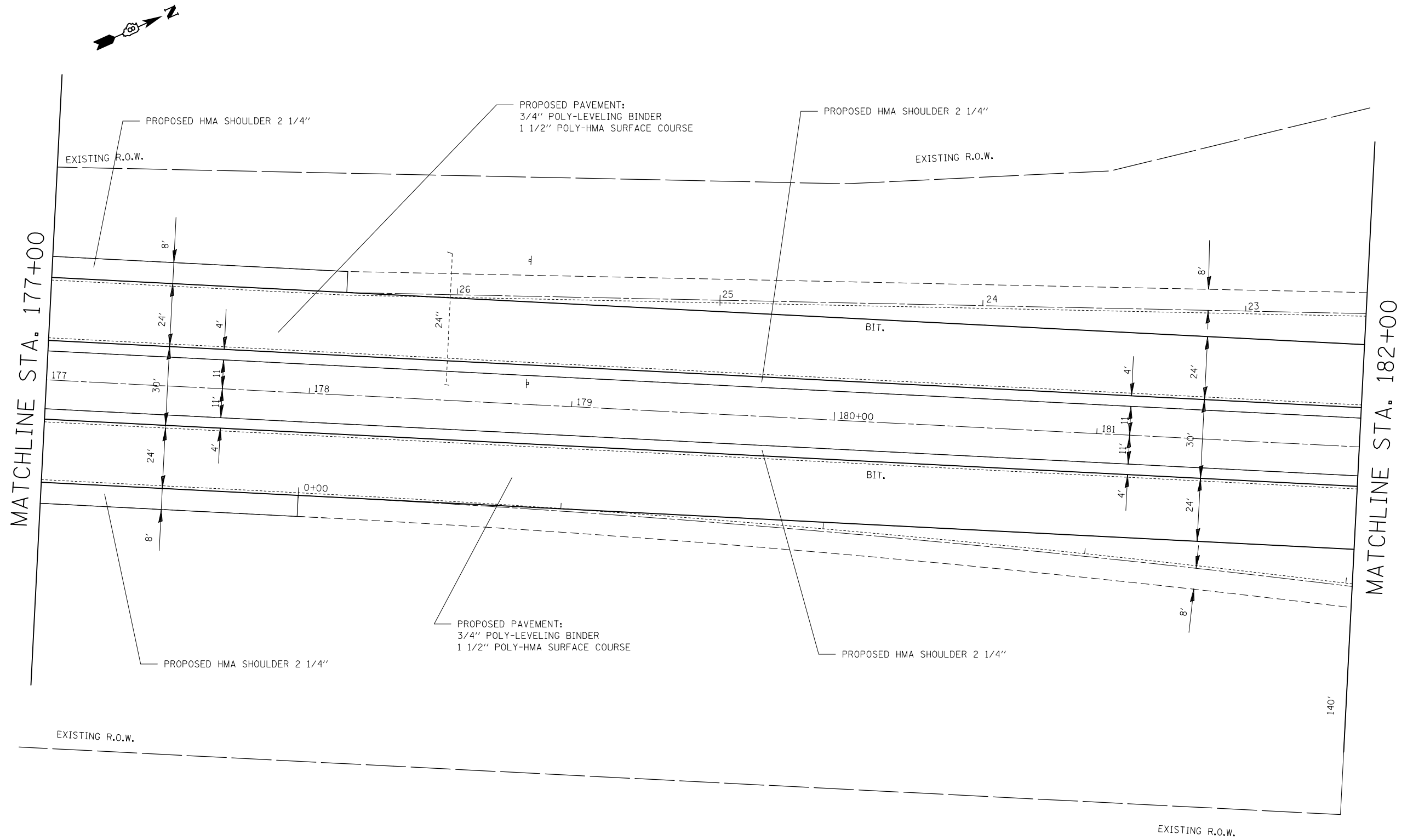


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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS		
SCALE: 20	SHEET NO. 17 OF 24 SHEETS	STA. 172+00 TO STA. 177+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	30
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



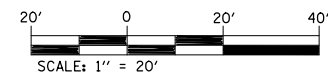
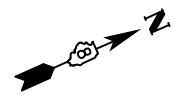
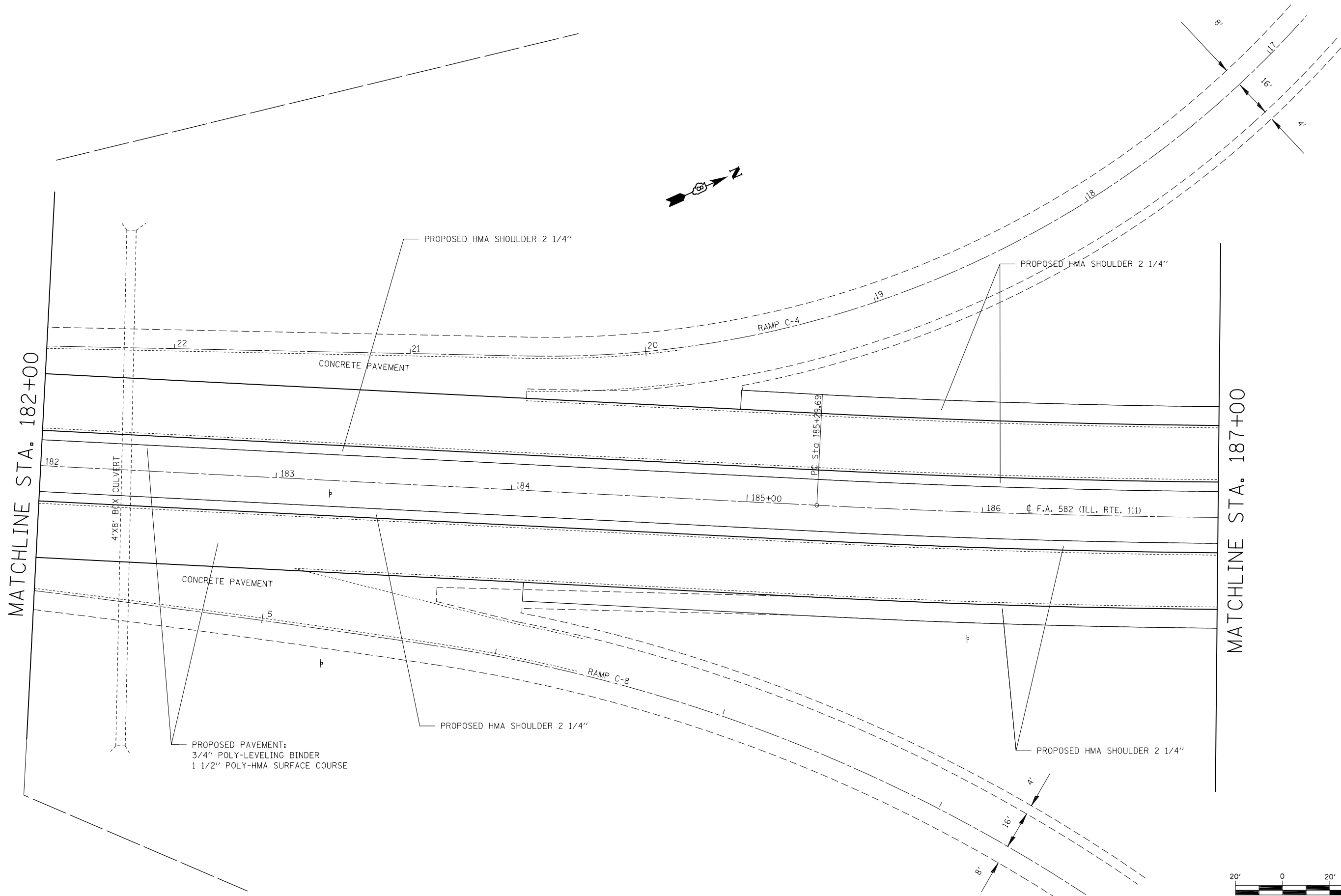
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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 18 OF 24 SHEETS STA. 177+00 TO STA. 182+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	31
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



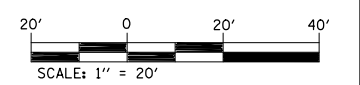
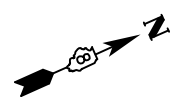
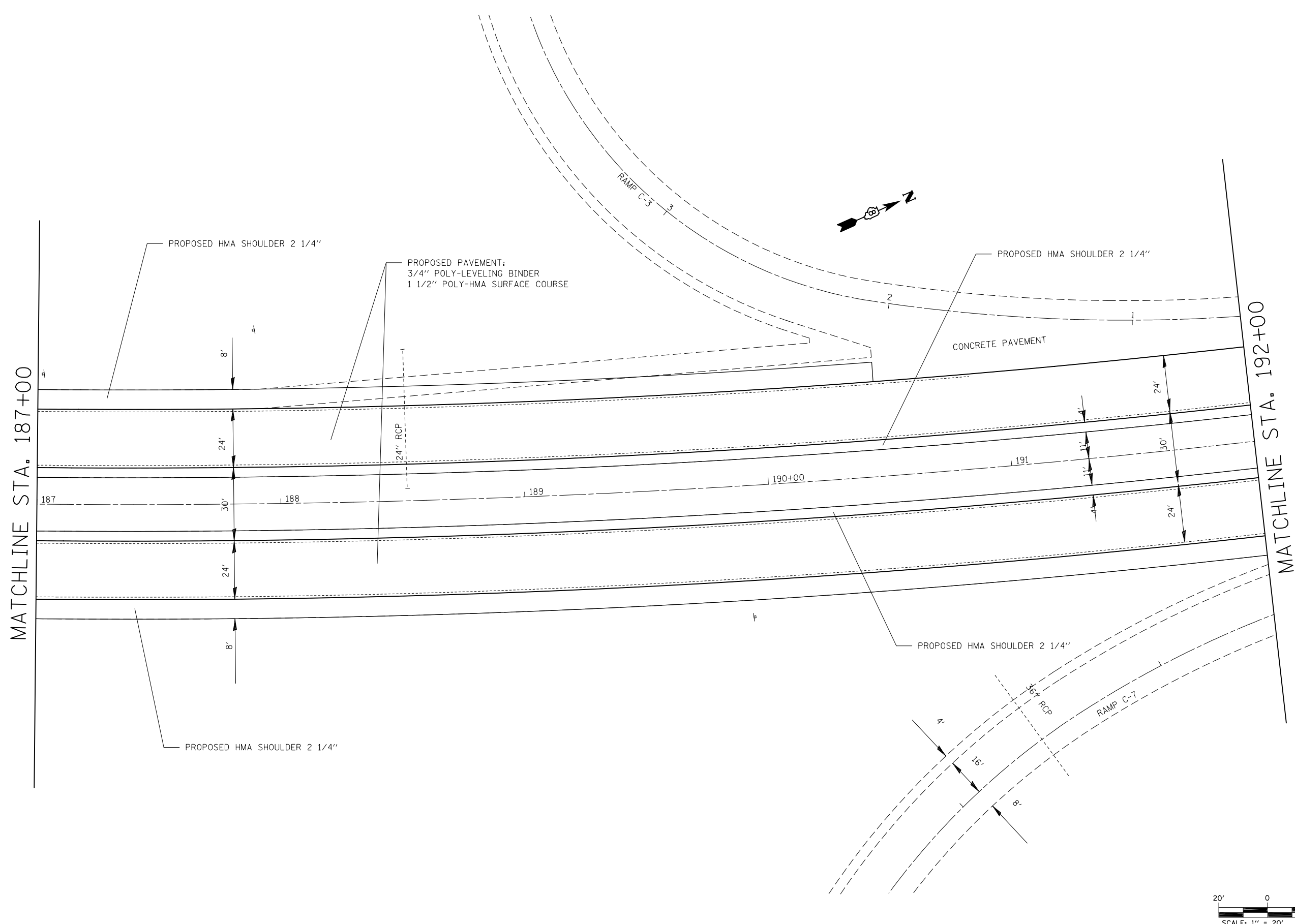
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PLOT DATE = 12/16/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 19 OF 24 SHEETS STA. 182+00 TO STA. 187+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,6-1)RS-3	MADISON	66	32
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



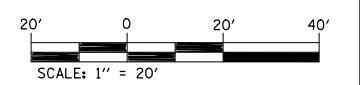
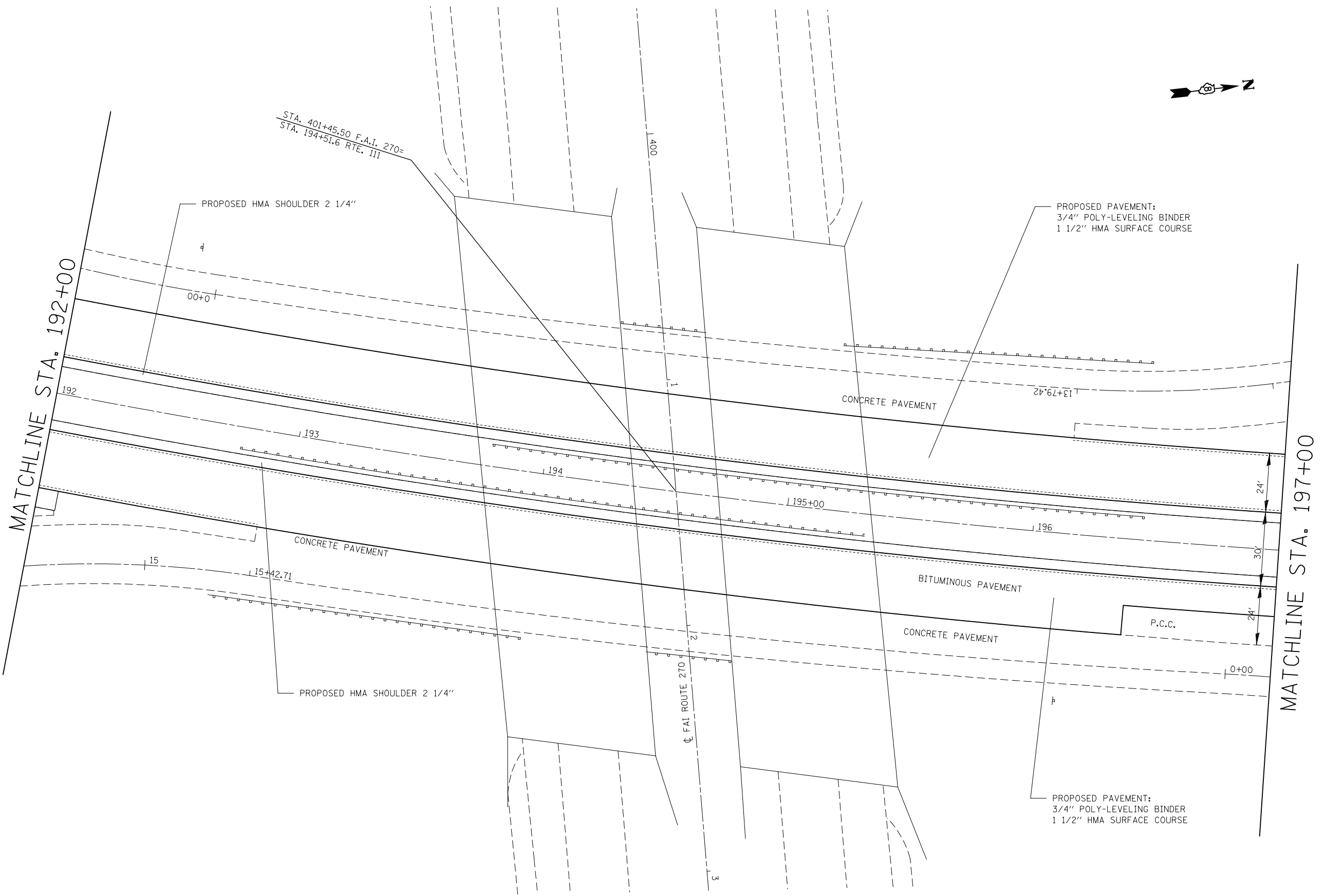
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 20 OF 24 SHEETS STA. 187+00 TO STA. 192+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	33
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



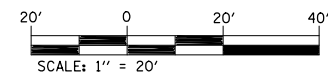
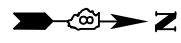
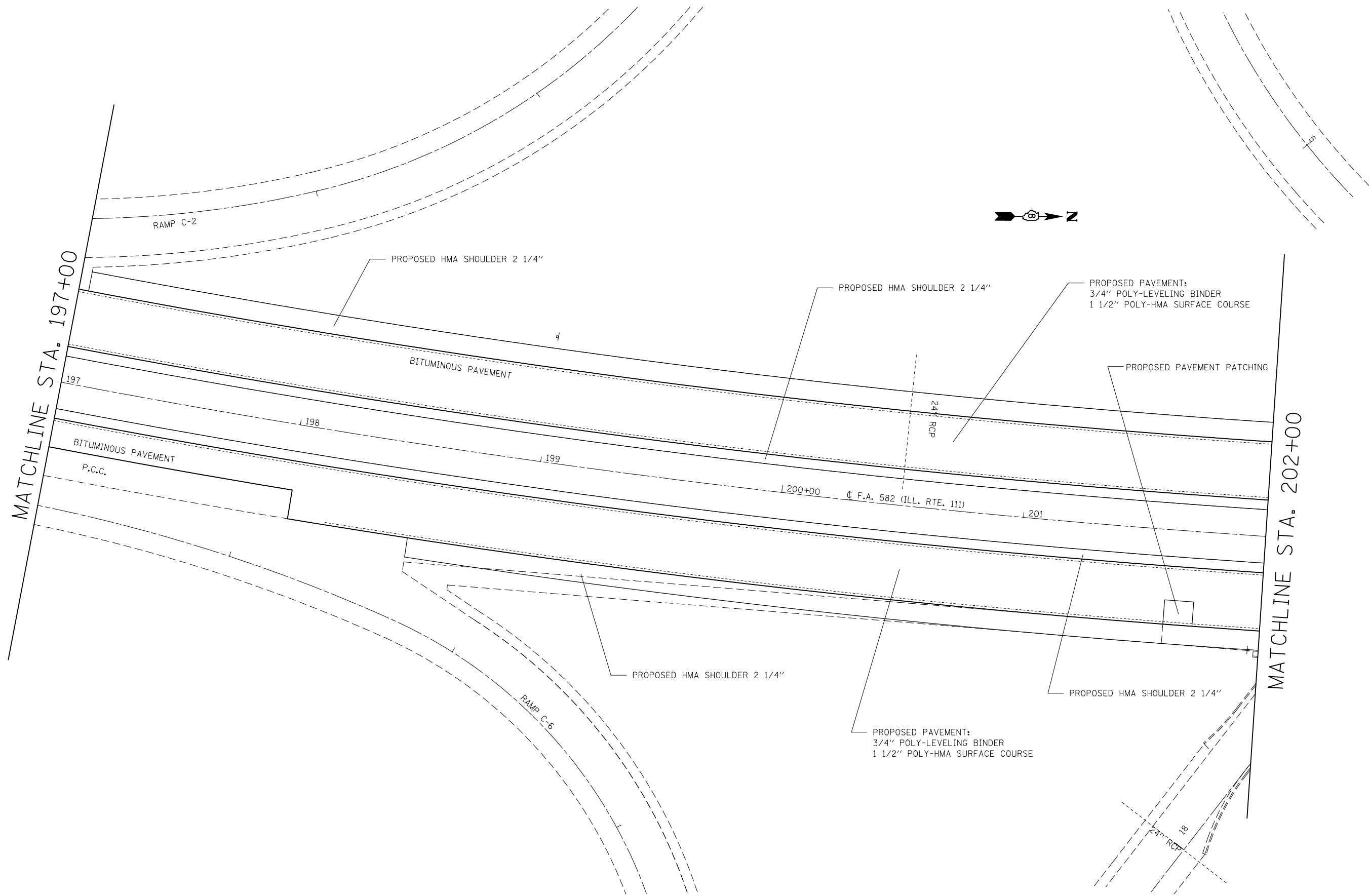
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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 21 OF 24 SHEETS STA. 192+00 TO STA. 197+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	34
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				

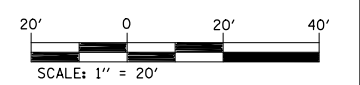
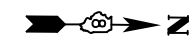
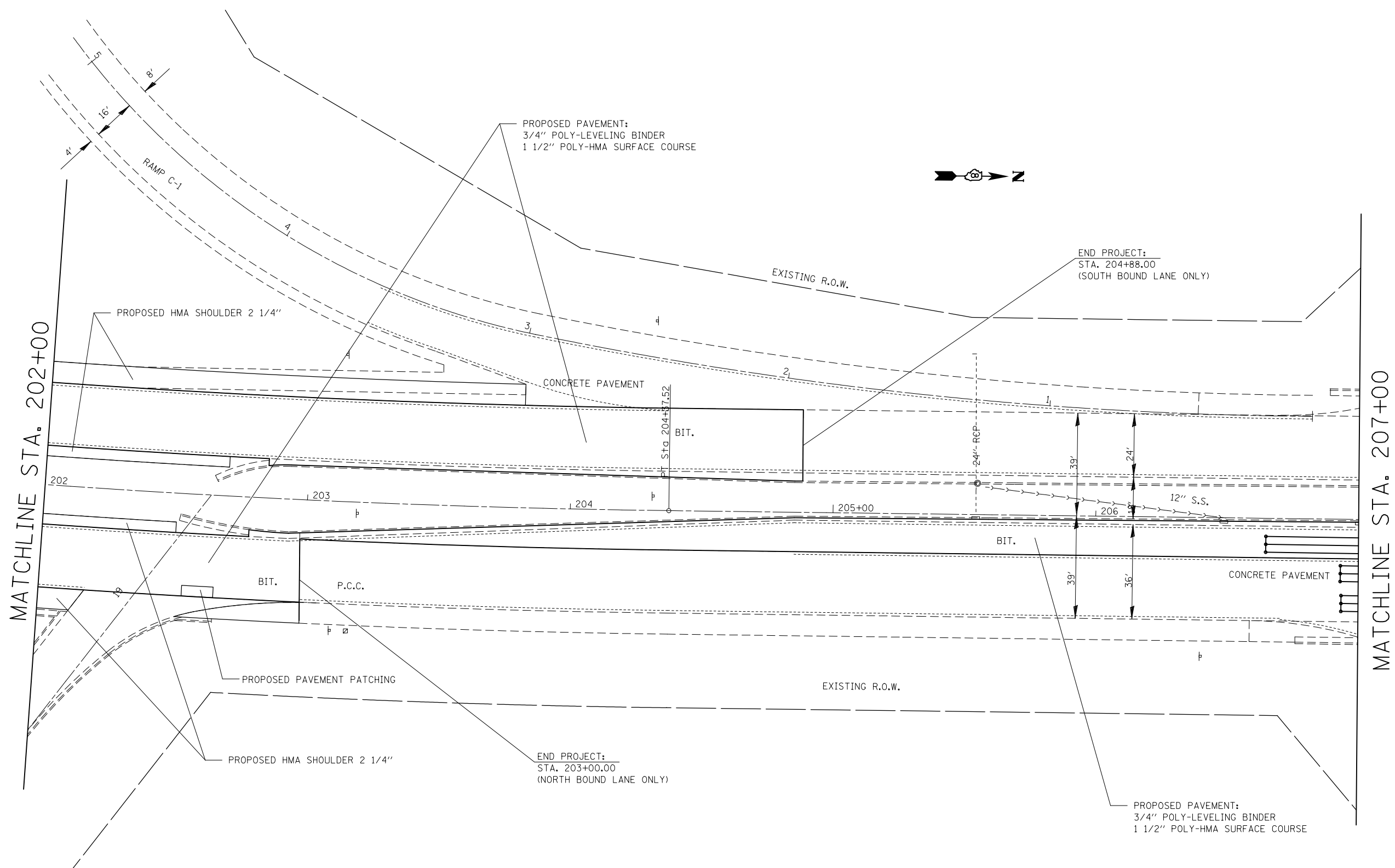


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PLOT DATE = 12/16/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS		
SCALE: 20	SHEET NO. 22 OF 24 SHEETS	STA. 197+00 TO STA. 202+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	35
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



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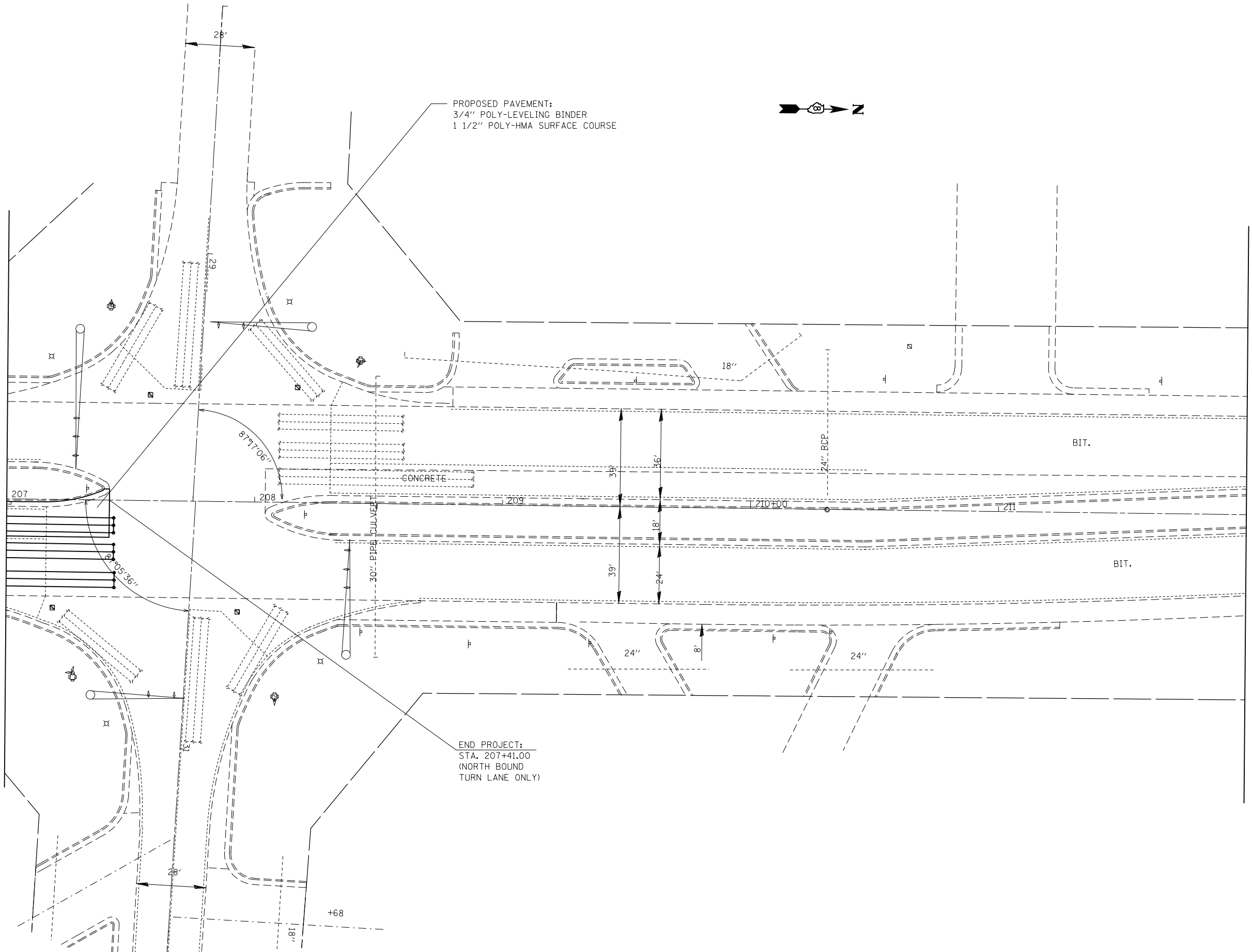
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 23 OF 24 SHEETS STA. 202+00 TO STA. 207+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	36
CONTRACT NO. 76E96				
<small>ILLINOIS FED. AID PROJECT</small>				

MATCHLINE STA. 207+00



PROPOSED PAVEMENT:
 3/4" POLY-LEVELING BINDER
 1 1/2" POLY-HMA SURFACE COURSE

END PROJECT:
 STA. 207+41.00
 (NORTH BOUND
 TURN LANE ONLY)



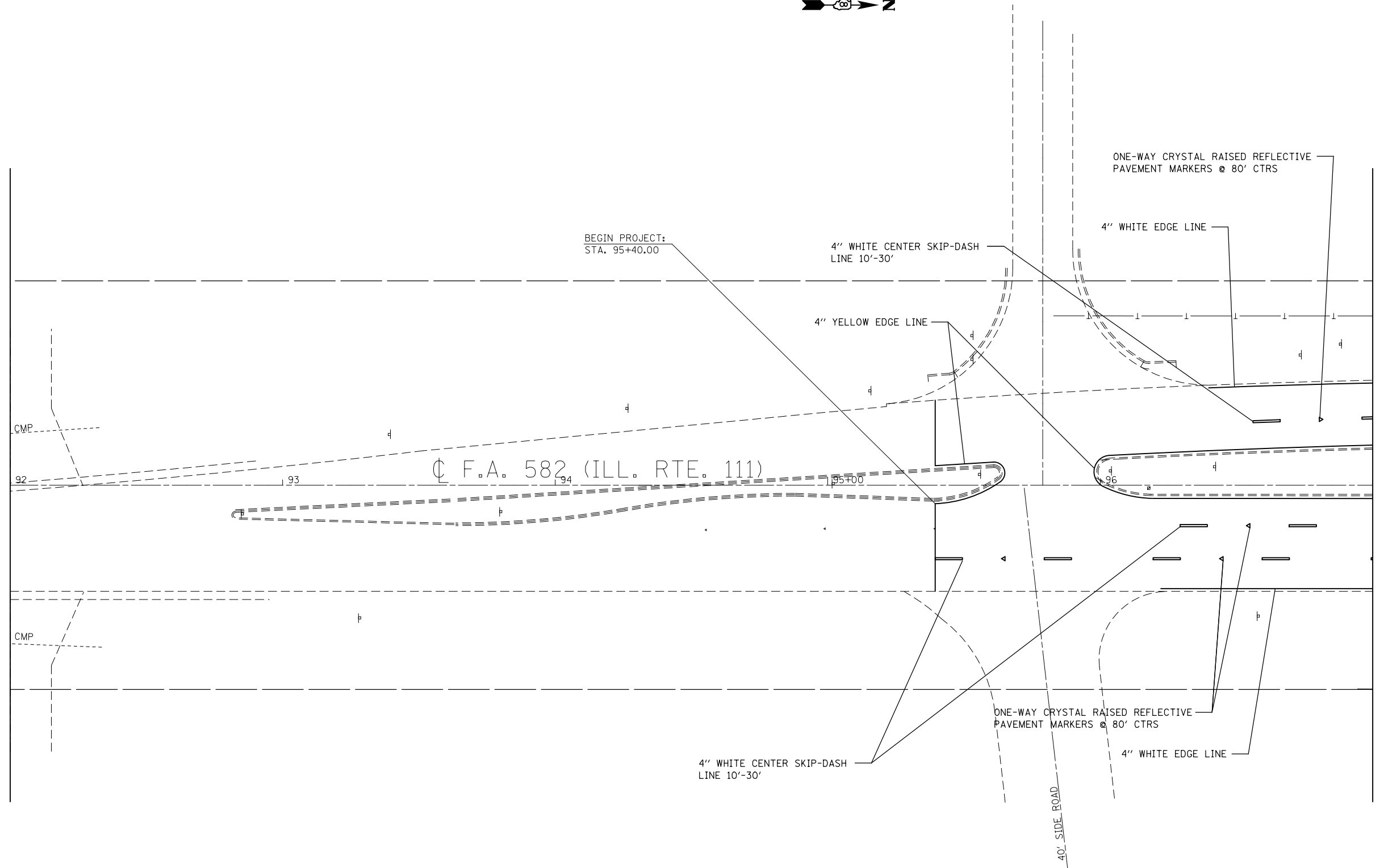
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN VIEW SHEETS

SCALE: 20 SHEET NO. 24 OF 24 SHEETS STA. 207+00 TO STA. 212+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	37
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 97+00

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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS

SCALE: 20 SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	38
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



STA. 96+60.33
 PONTON ROAD=
 STA. 100+00 ILL. RTE. 111

MATCHLINE STA. 97+00

MATCHLINE STA. 102+00

4" WHITE CENTER SKIP-DASH
 LINE 10'-30'

4" WHITE EDGE LINE

ONE-WAY CRYSTAL RAISED REFLECTIVE
 PAVEMENT MARKERS @ 80' CTRS

12" WHITE PEDESTRIAN CROSSWALK

4" WHITE LANE LINE

METER

30" CMP

10'x7' 6" BOB
 CURB

97

98

99

100+00

101

+45.12

+68.74

+43.74

+68.74

4" WHITE LANE LINE

WHITE LEFT TURN ARROWS

24" WHITE STOP BAR

24" CMP

CONC.

BIT.

4" WHITE CENTER SKIP-DASH
 LINE 10'-30'

4" YELLOW EDGE LINE

WHITE LEFT TURN ARROWS

ONE-WAY CRYSTAL RAISED REFLECTIVE
 PAVEMENT MARKERS @ 40' CTRS

24" WHITE STOP BAR

ONE-WAY CRYSTAL RAISED REFLECTIVE
 PAVEMENT MARKERS @ 40' CTRS

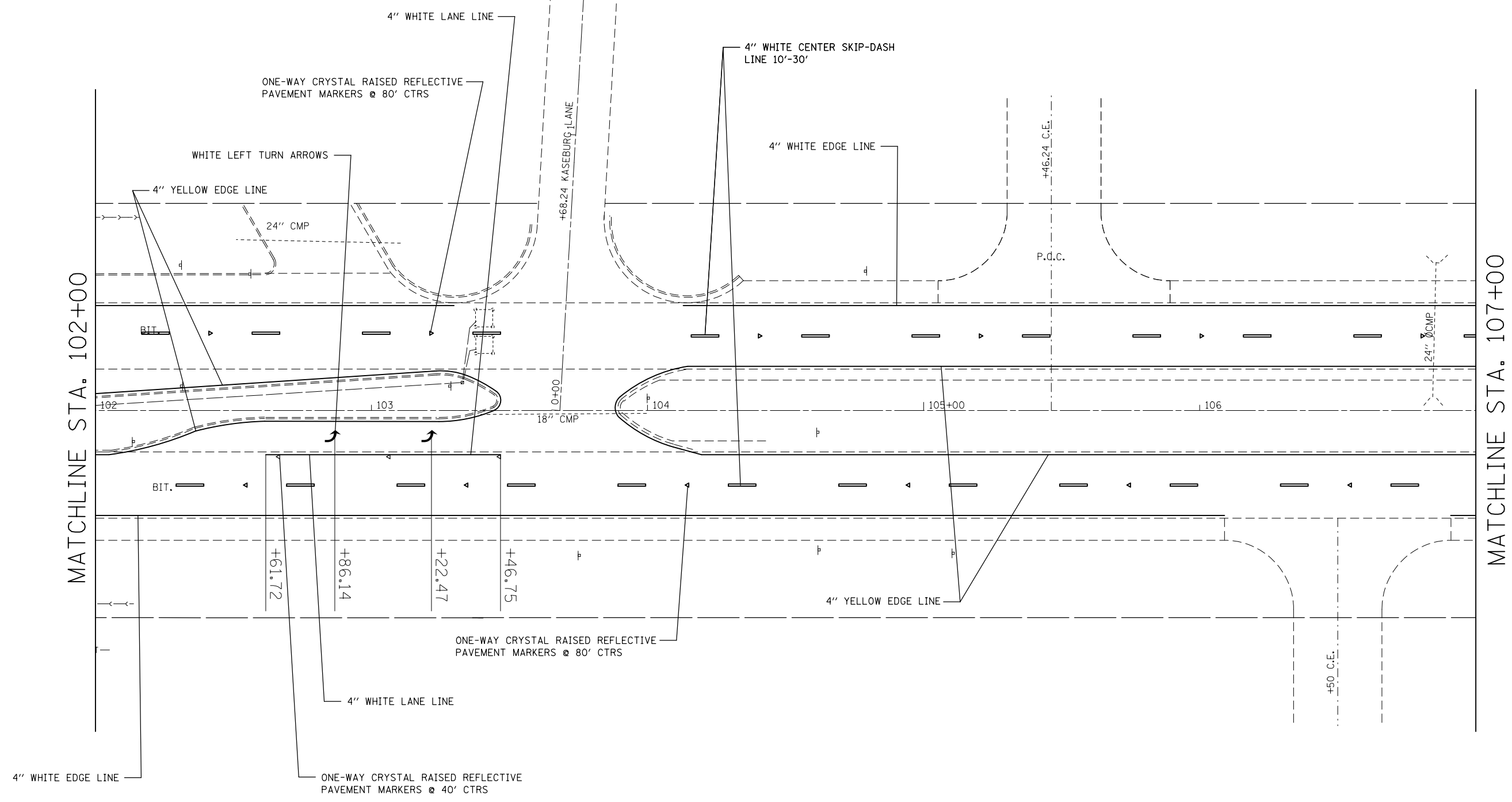
4" YELLOW EDGE LINE

4" WHITE CENTER SKIP-DASH
 LINE 10'-30'

4" WHITE CENTER SKIP-DASH
 LINE 10'-30'

4" WHITE EDGE LINE

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							ILLINOIS FED. AID PROJECT					



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

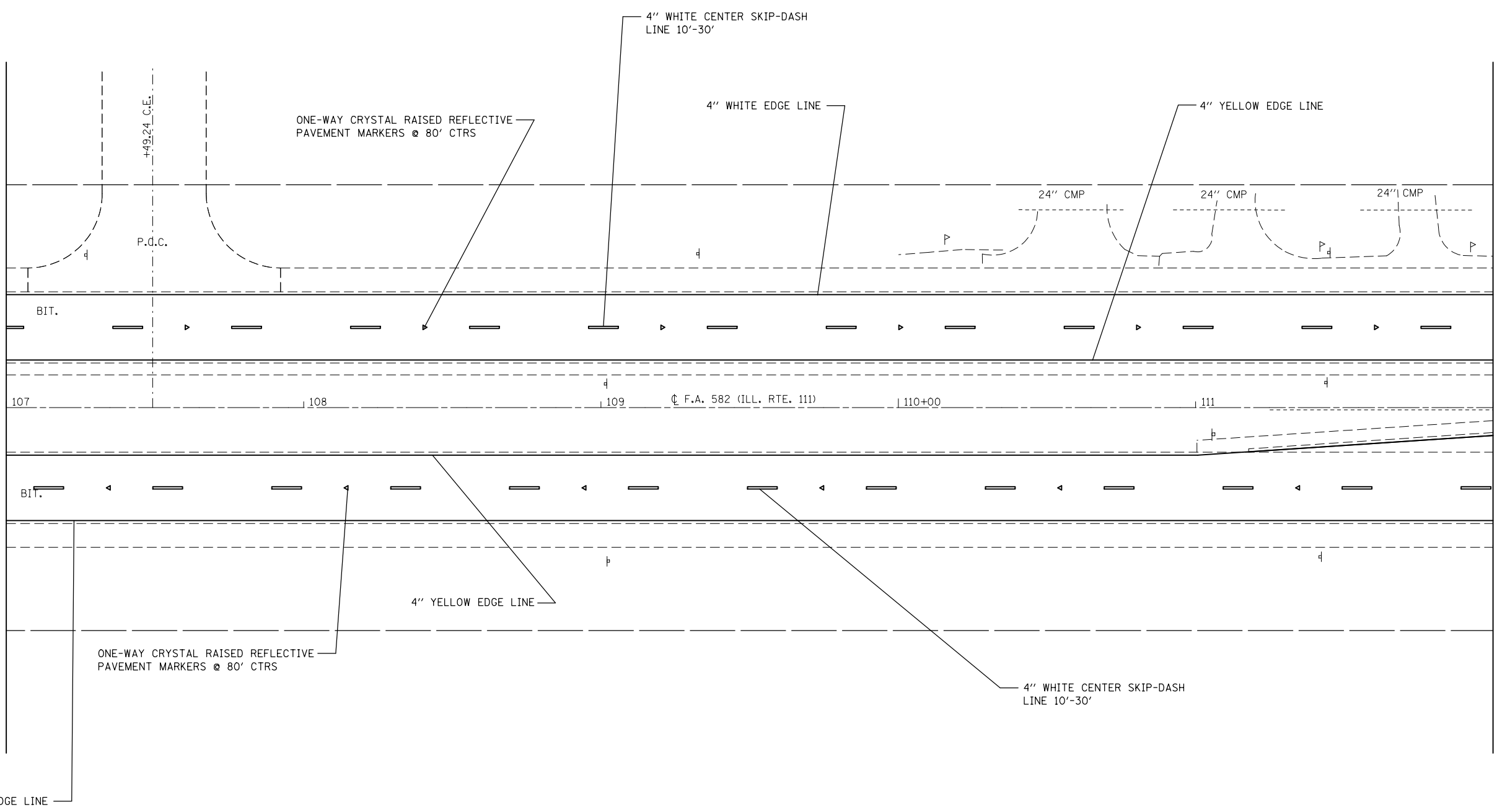
PAVEMENT MARKING SHEETS		
SCALE: 20	SHEET NO. 3 OF 24 SHEETS	STA. 102+00 TO STA. 107+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	40
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 107+00

MATCHLINE STA. 112+00



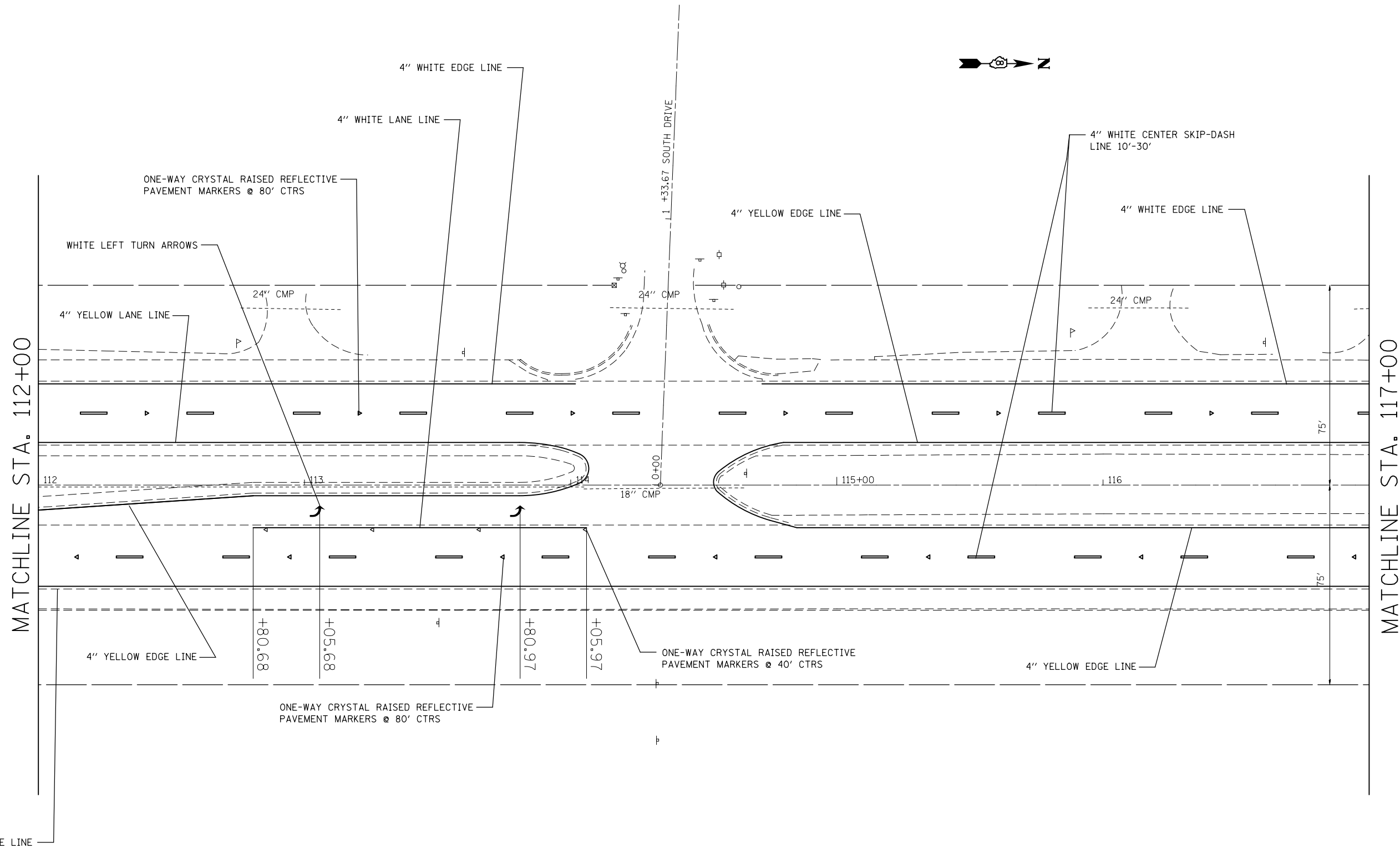
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS

SCALE: 20 SHEET NO. 4 OF 24 SHEETS STA. 107+00 TO STA. 112+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,6-1)RS-3	MADISON	66	41
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				

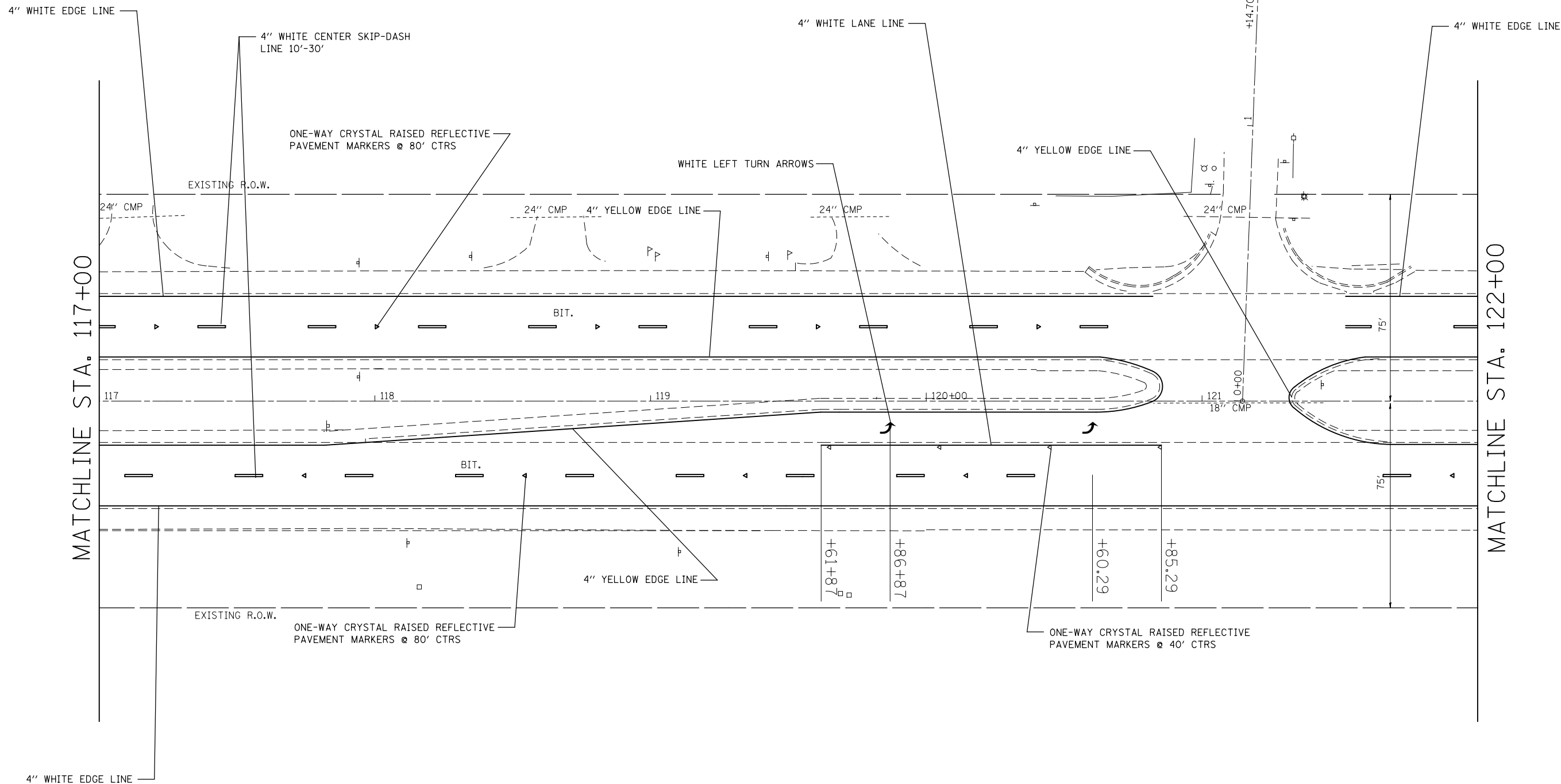
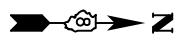


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PLOT DATE = 12/16/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS		
SCALE: 20	SHEET NO. 5 OF 24 SHEETS	STA. 112+00 TO STA. 117+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	42
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				

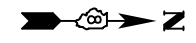
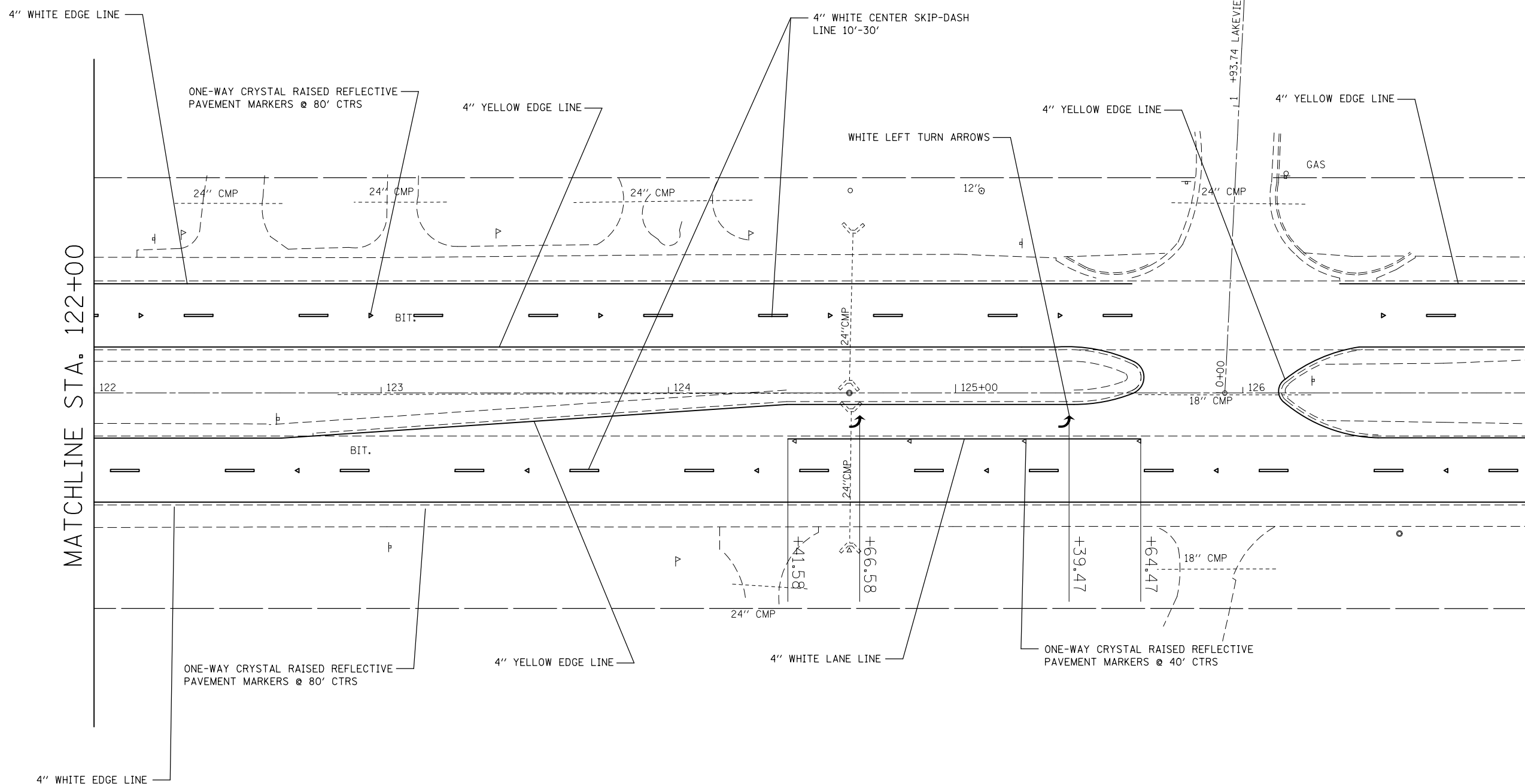


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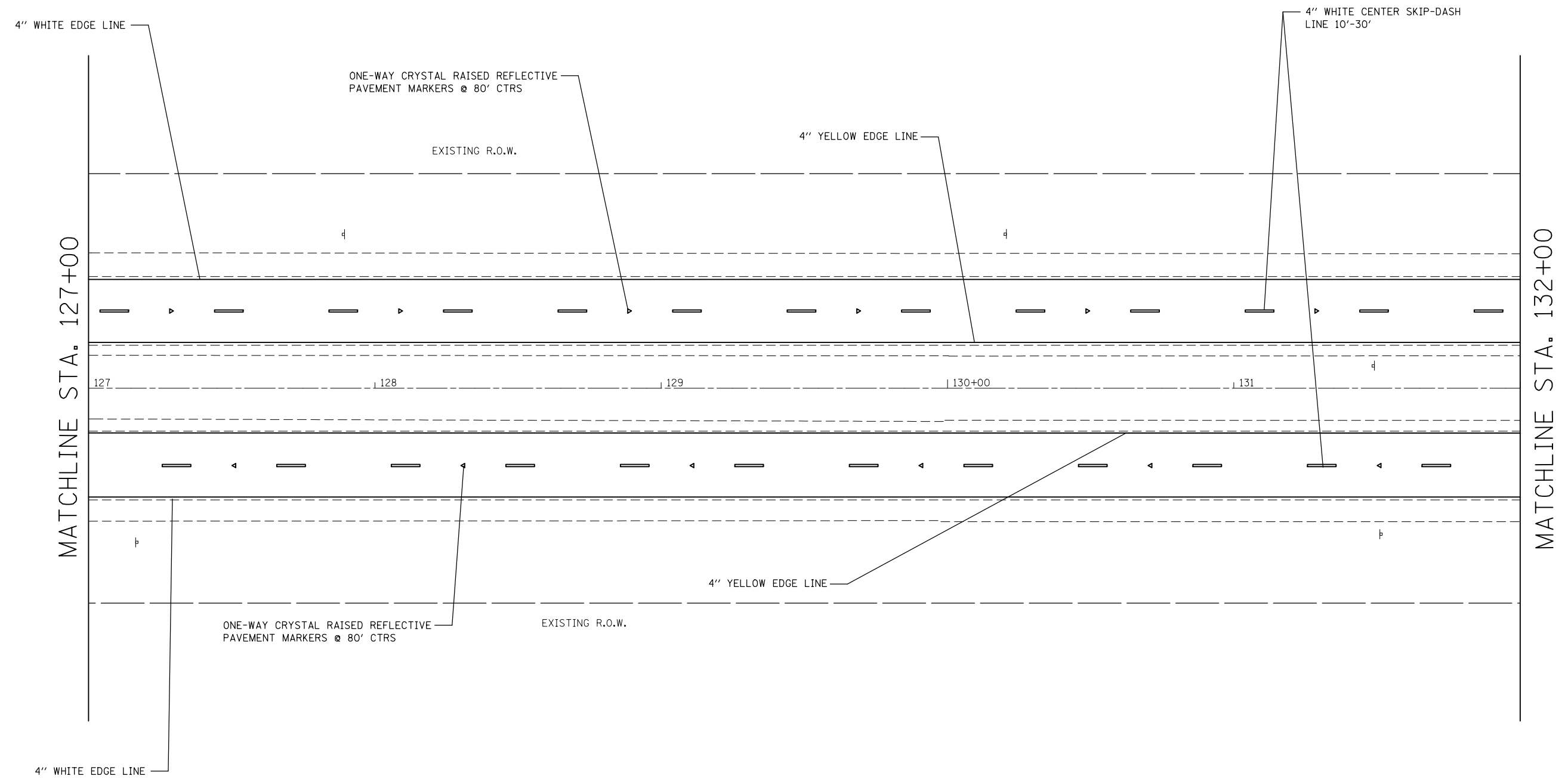
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS		
SCALE: 20	SHEET NO. 6 OF 24 SHEETS	STA. 117+00 TO STA. 122+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	43
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



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								ILLINOIS FED. AID PROJECT				



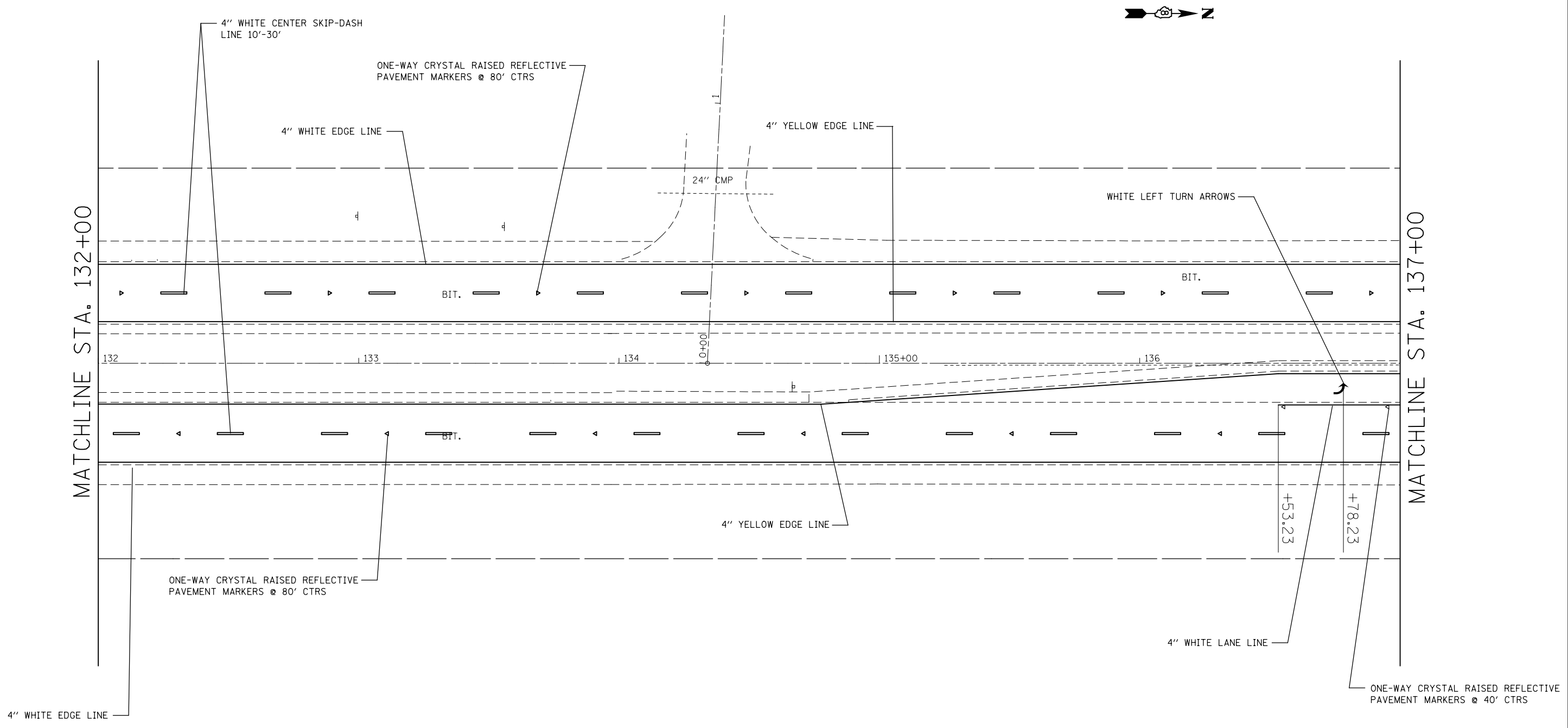
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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS

SCALE: 20 SHEET NO. 8 OF 24 SHEETS STA. 127+00 TO STA. 132+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	45
CONTRACT NO. 76E96			ILLINOIS FED. AID PROJECT	



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PLOT DATE = 12/16/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS		
SCALE: 20	SHEET NO. 9 OF 24 SHEETS	STA. 132+00 TO STA. 137+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,6-1)RS-3	MADISON	66	46
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				

WHITE LEFT TURN ARROWS

POT STD 138.80
12" CMP

+12.65 CHURCH ENT.
18" CMP

WATER

ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS @ 80' CTRS

4" WHITE EDGE LINE

EXISTING R.O.W.

4" WHITE CENTER SKIP-DASH LINE 10'-30'

4" YELLOW EDGE LINE

MATCHLINE STA. 137+00

MATCHLINE STA. 142+00

137

138

139

140+00

141

18" CMP

2' X 2' BOX

BIT.

+50.69
+75.69

ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS @ 40' CTRS

4" YELLOW EDGE LINE

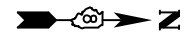
ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS @ 80' CTRS

EXISTING R.O.W.

4" WHITE CENTER SKIP-DASH LINE 10'-30'

4" WHITE LANE LINE

4" WHITE EDGE LINE



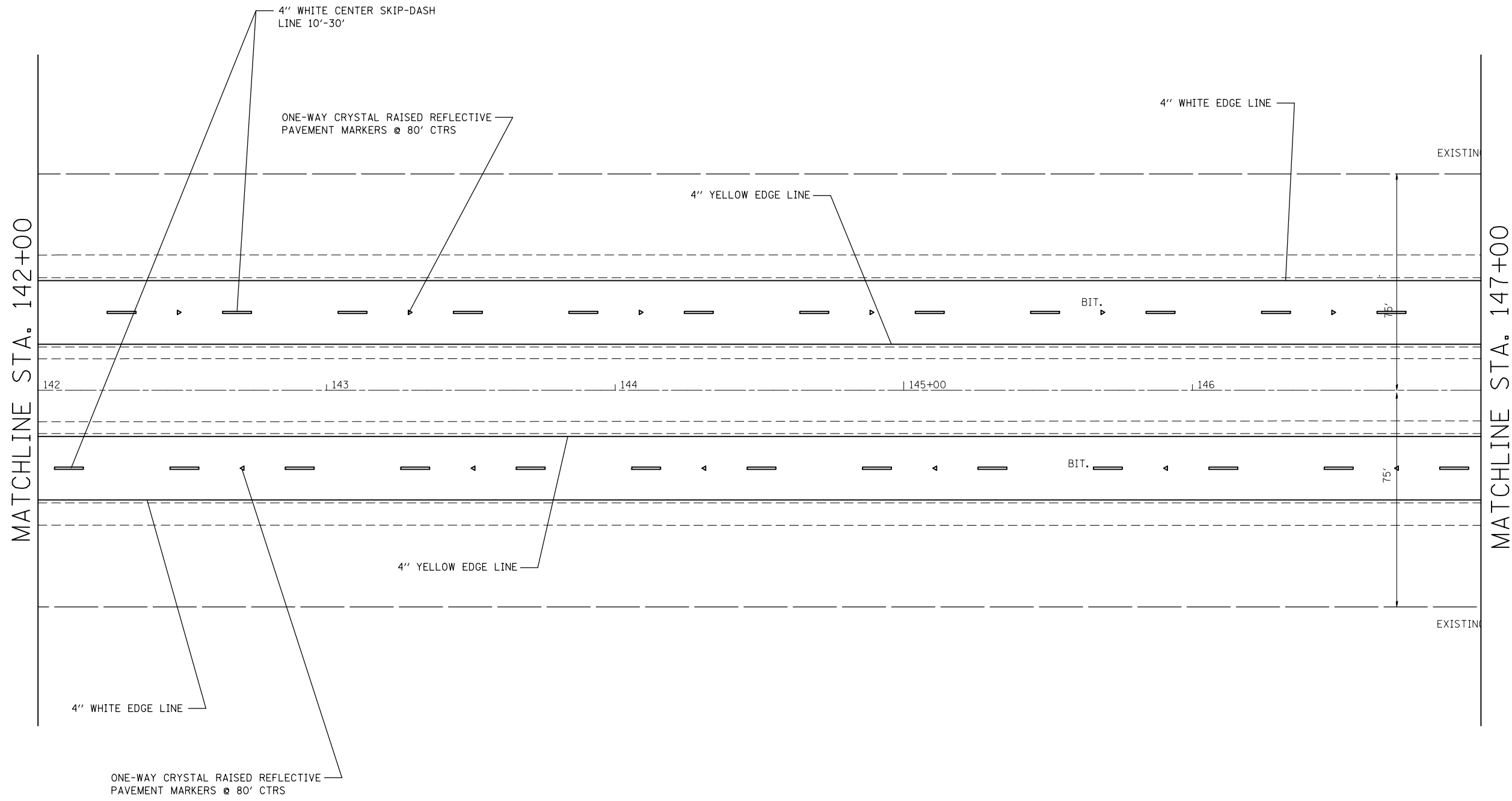
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS

SCALE: 20 SHEET NO. 10 OF 24 SHEETS STA. 137+00 TO STA. 142+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	47
CONTRACT NO. 76E96			ILLINOIS FED. AID PROJECT	



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS		
SCALE: 20	SHEET NO. 11 OF 24 SHEETS	STA. 142+00 TO STA. 147+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	48
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				

ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS @ 80' CTRS

+82.09 REGENCY PARKWAY

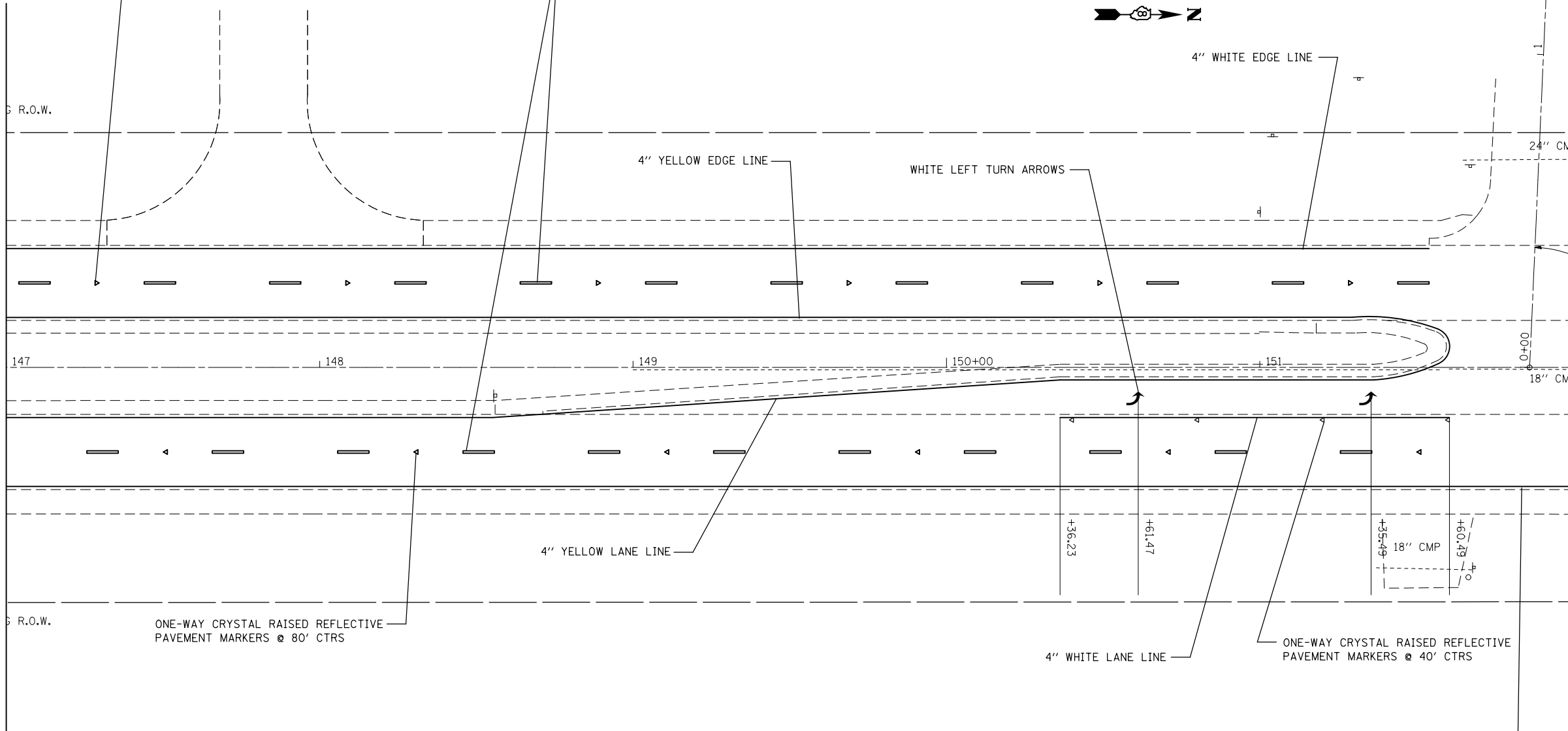
4" WHITE CENTER SKIP-DASH LINE 10'-30'



4" WHITE EDGE LINE

+86.09 TIMBERLAKE DR.

MATCHLINE STA. 147+00



MATCHLINE STA. 152+00

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PLOT DATE = 12/16/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS

SCALE: 20 SHEET NO. 12 OF 24 SHEETS STA. 147+00 TO STA. 152+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	49
CONTRACT NO. 76E96			ILLINOIS FED. AID PROJECT	

ONE-WAY CRYSTAL RAISED REFLECTIVE
PAVEMENT MARKERS @ 80' CTRS

4" WHITE CENTER SKIP-DASH
LINE 10'-30"

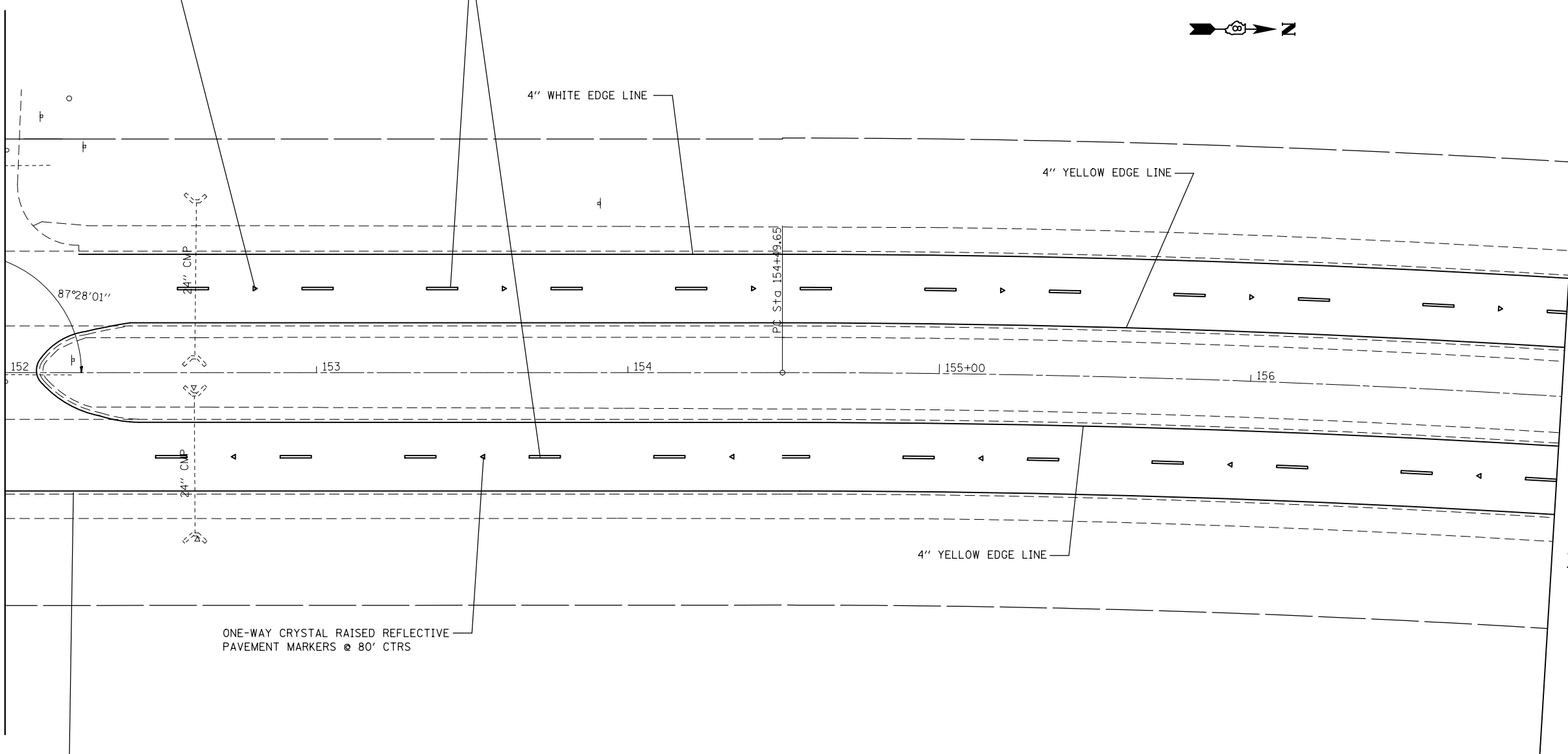
4" WHITE EDGE LINE

4" YELLOW EDGE LINE



MATCHLINE STA. 152+00

MATCHLINE STA. 157+00



ONE-WAY CRYSTAL RAISED REFLECTIVE
PAVEMENT MARKERS @ 80' CTRS

4" WHITE EDGE LINE

4" YELLOW EDGE LINE

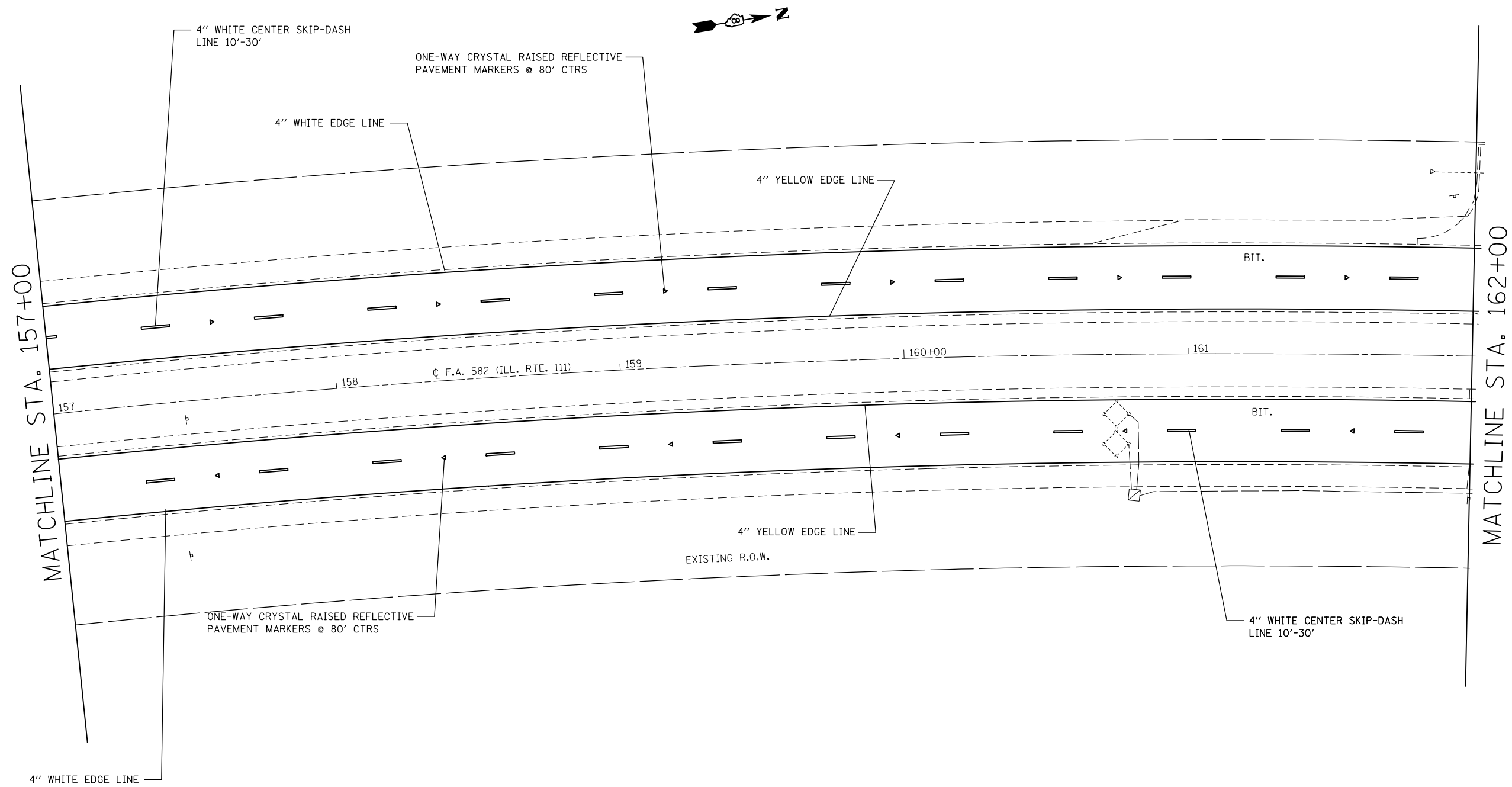
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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS

SCALE: 20 SHEET NO. 13 OF 24 SHEETS STA. 152+00 TO STA. 157+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	50
CONTRACT NO. 76E96				
<small>ILLINOIS FED. AID PROJECT</small>				



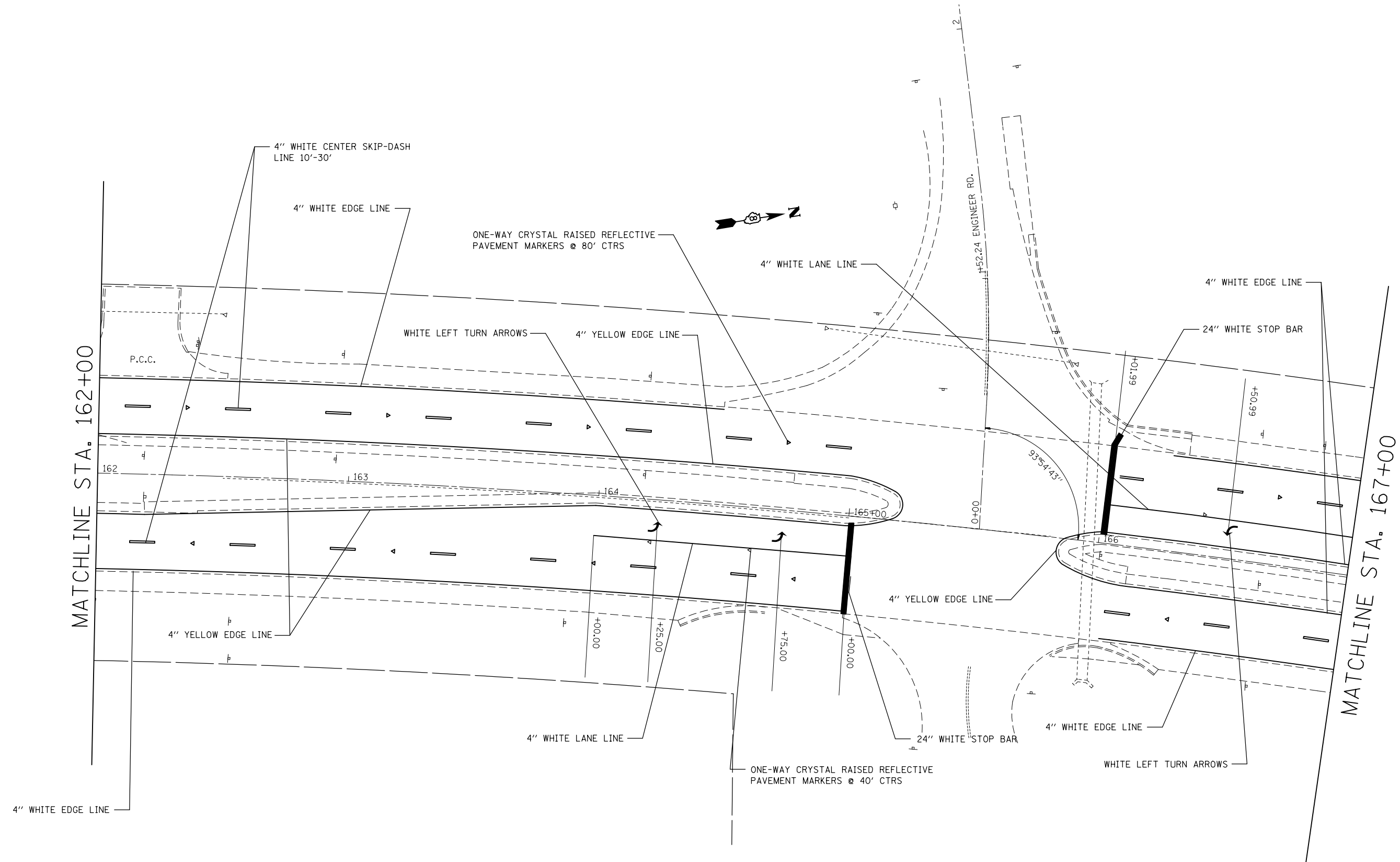
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS

SCALE: 20 SHEET NO. 14 OF 24 SHEETS STA. 157+00 TO STA. 162+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	51
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



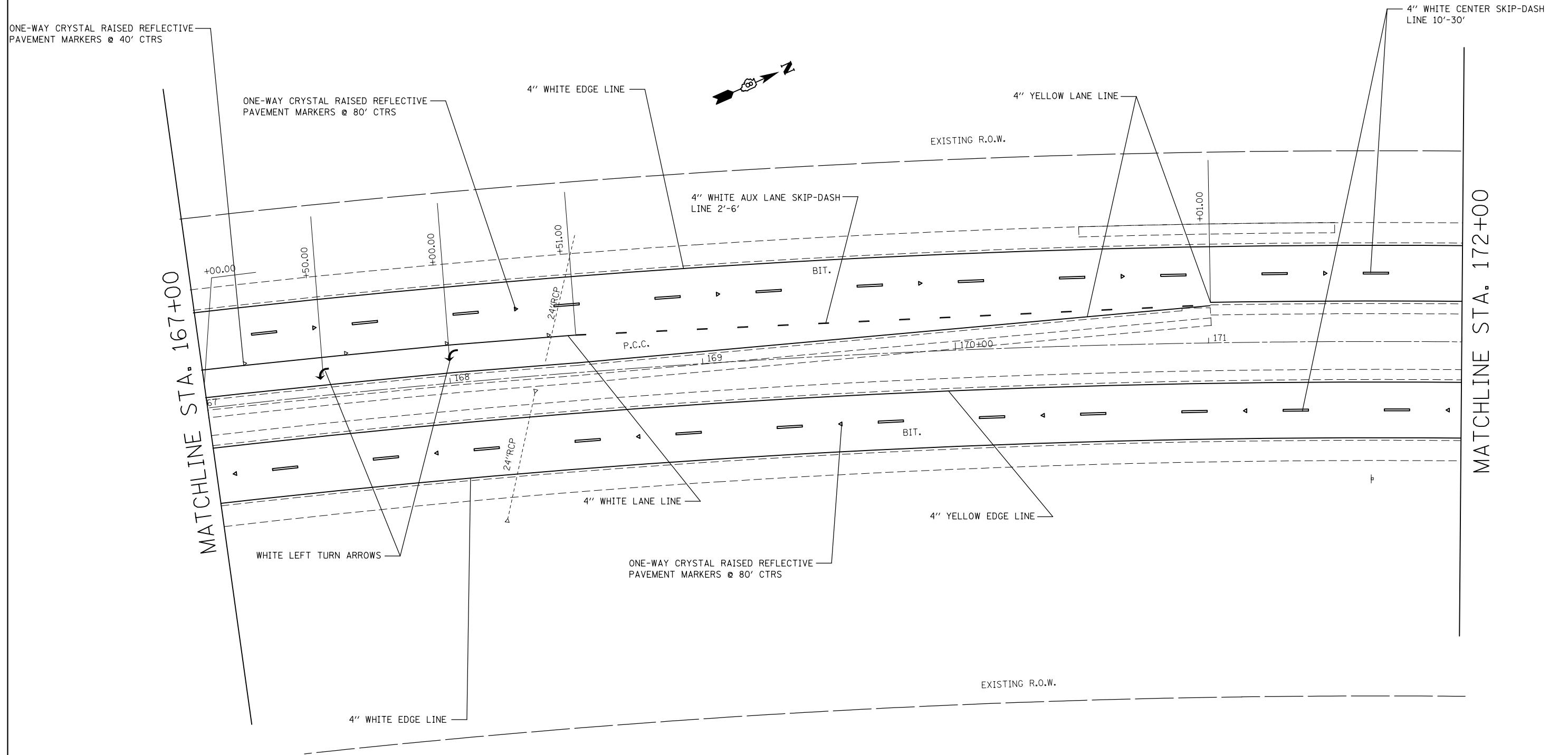
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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS

SCALE: 20 SHEET NO. 15 OF 24 SHEETS STA. 162+00 TO STA. 167+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,6-1)RS-3	MADISON	66	52
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				

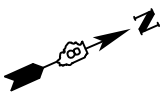
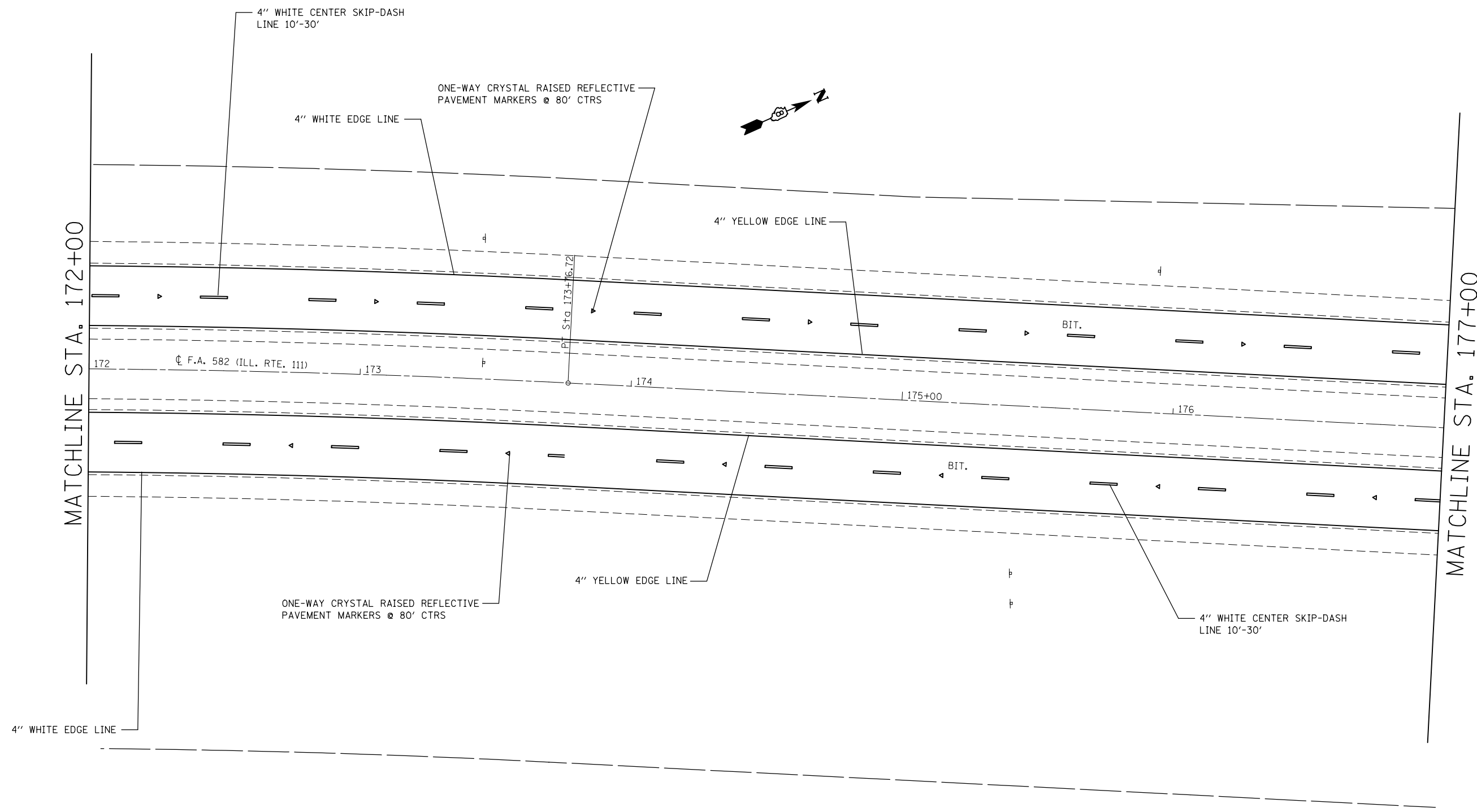


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS		
SCALE: 20	SHEET NO. 16 OF 24 SHEETS	STA. 167+00 TO STA. 172+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	53
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				

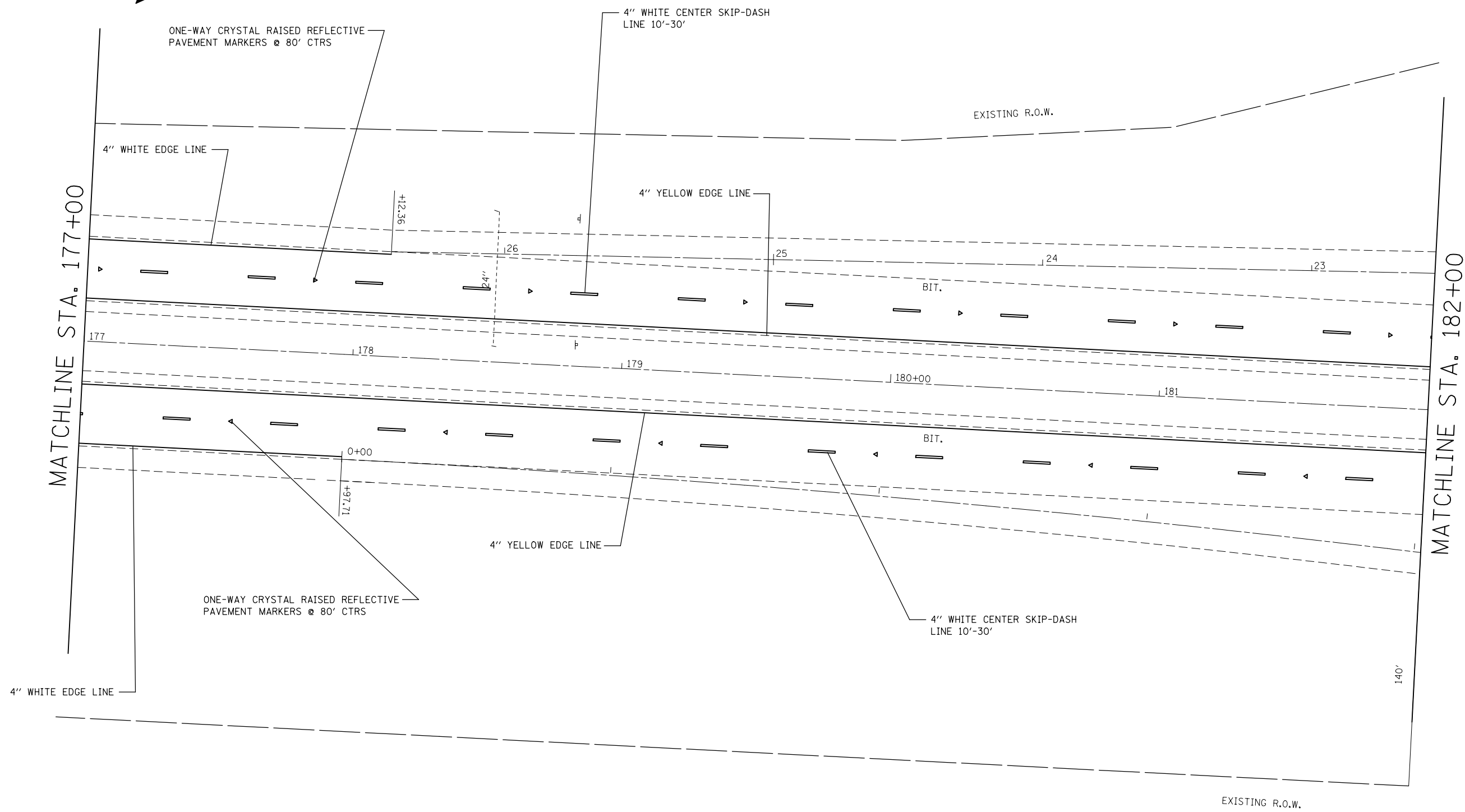
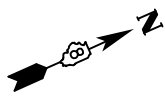


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS		
SCALE: 20	SHEET NO. 17 OF 24 SHEETS	STA. 172+00 TO STA. 177+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,6-1)RS-3	MADISON	66	54
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				

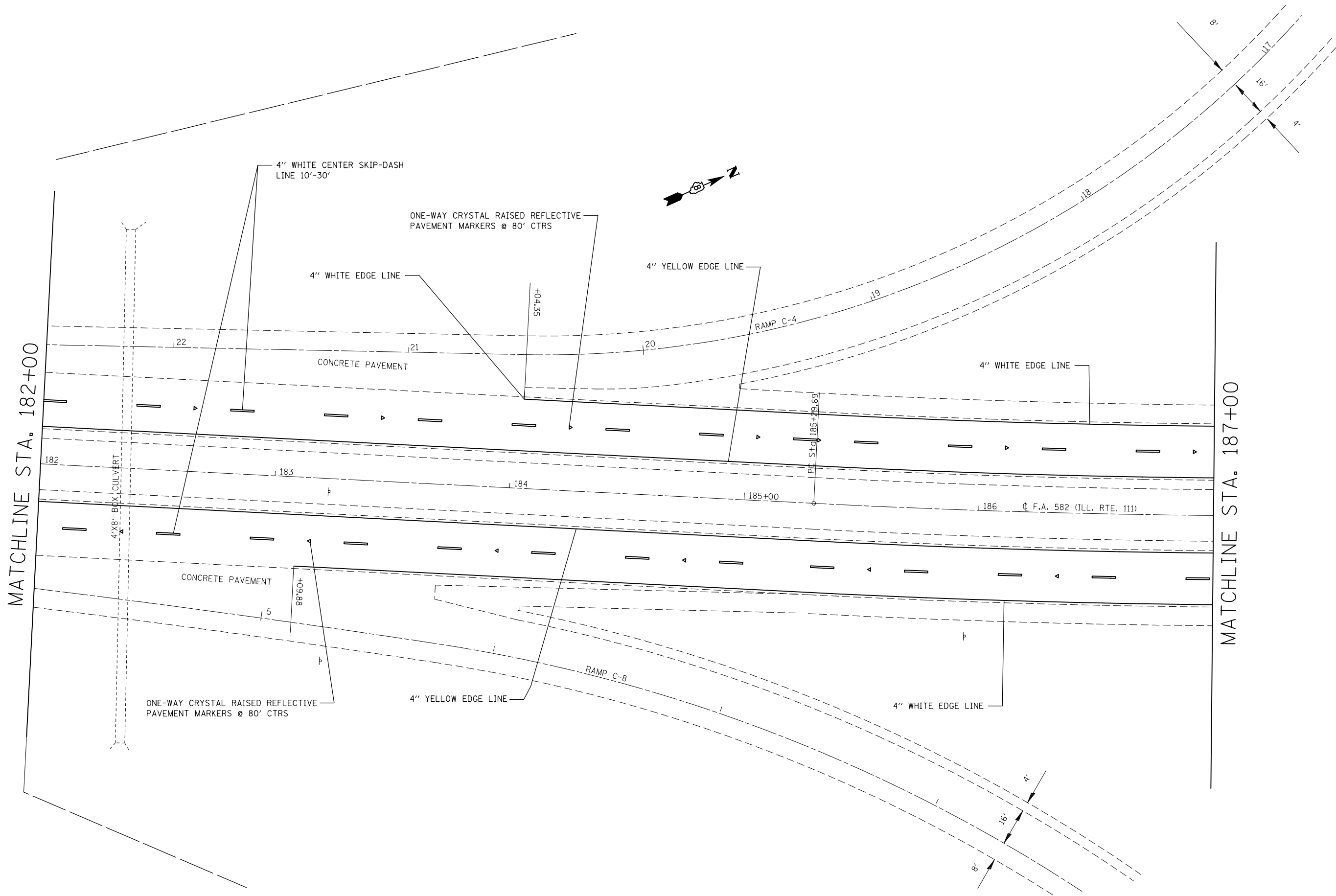


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEETS		
SCALE: 20	SHEET NO. 18 OF 24 SHEETS	STA. 177+00 TO STA. 182+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,6-1)RS-3	MADISON	66	55
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				

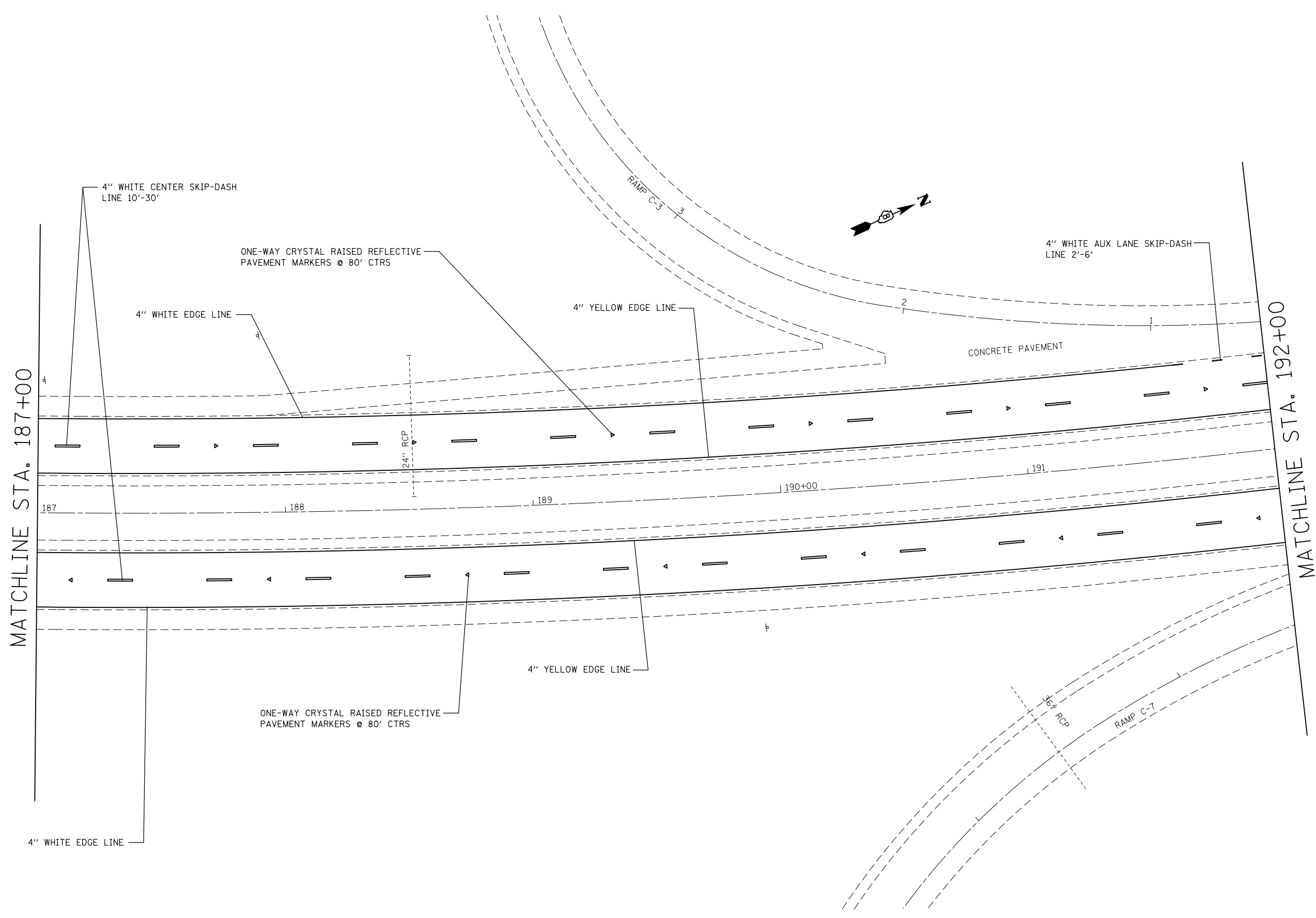


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS		
SCALE: 20	SHEET NO. 19 OF 24 SHEETS	STA. 182+00 TO STA. 187+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,6-1)RS-3	MADISON	66	56
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 187+00

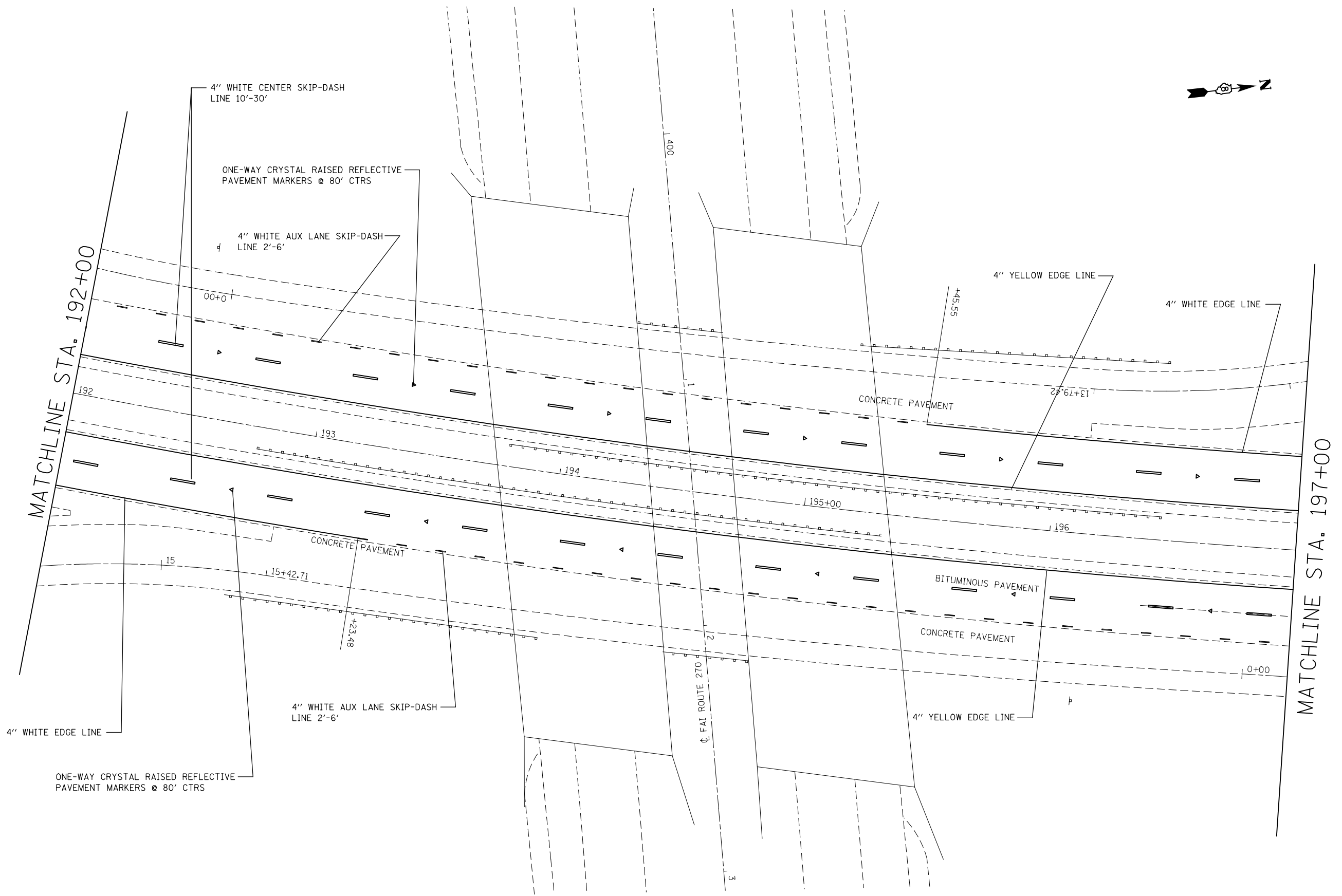
MATCHLINE STA. 192+00

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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEETS		
SCALE: 20	SHEET NO. 20 OF 24 SHEETS	STA. 187+00 TO STA. 192+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,6-1)RS-3	MADISON	66	57
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				

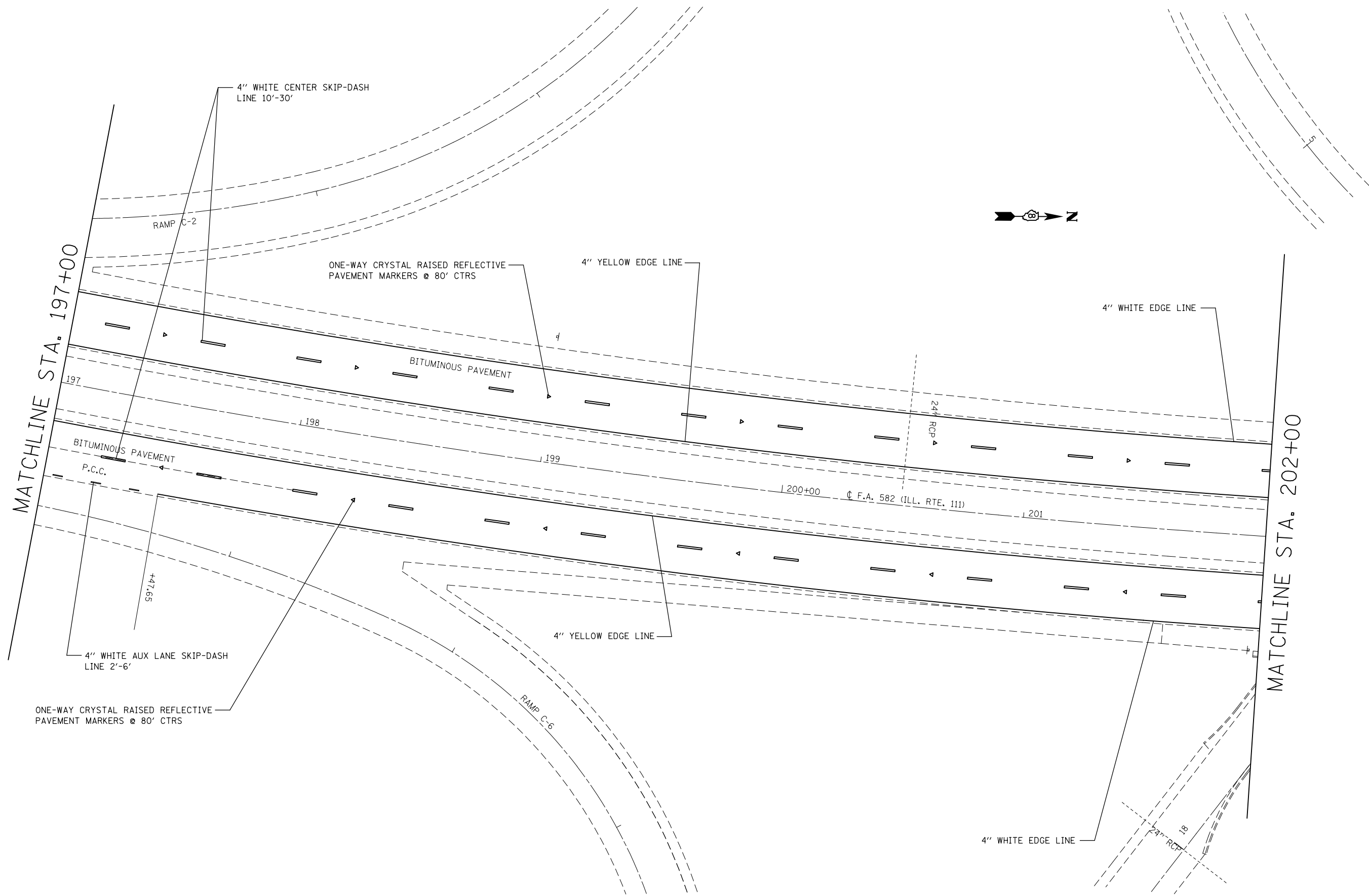


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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS		
SCALE: 20	SHEET NO. 21 OF 24 SHEETS	STA. 192+00 TO STA. 197+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6)RS-3	MADISON	66	58
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



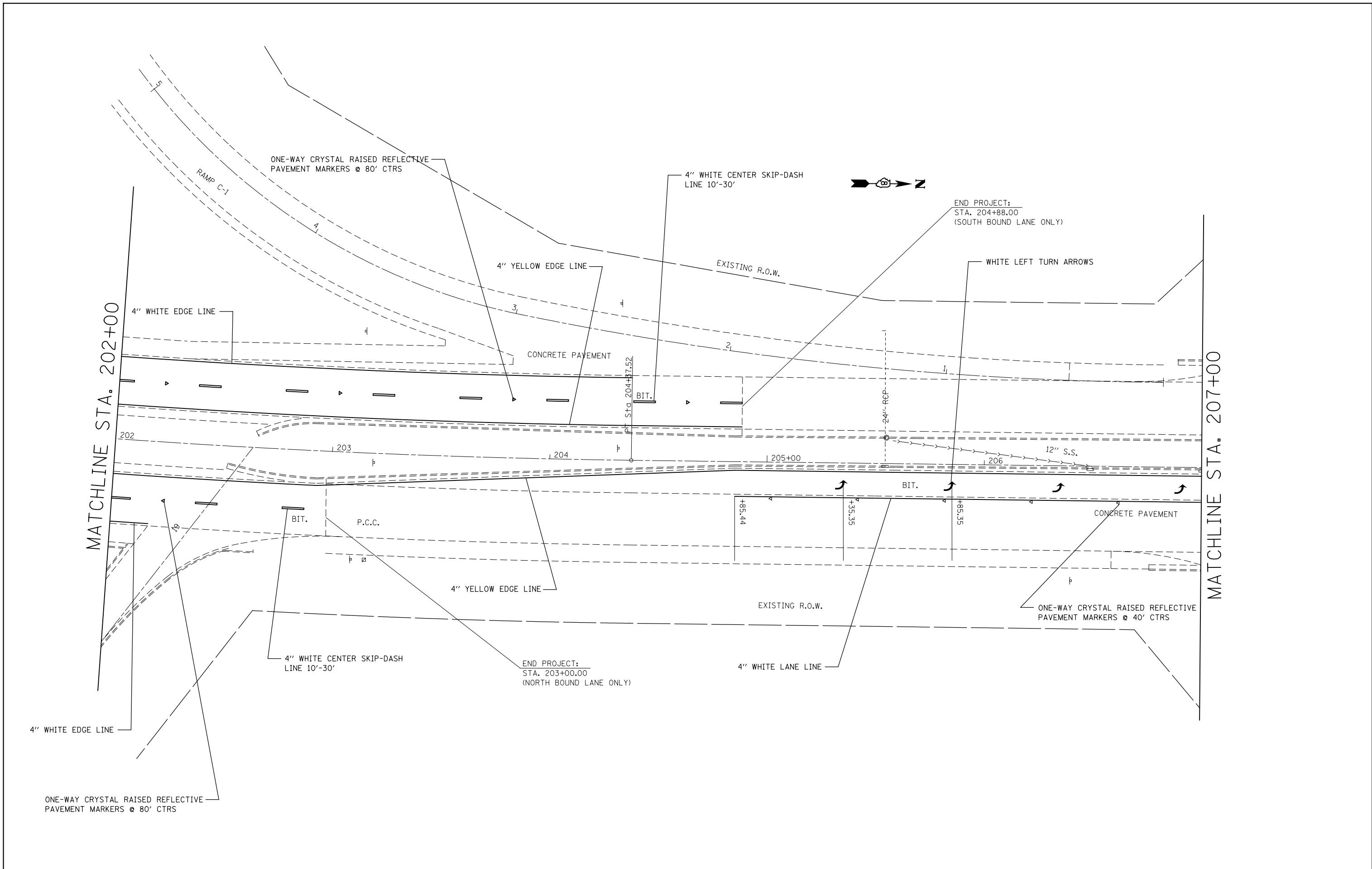
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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS

SCALE: 20 SHEET NO. 22 OF 24 SHEETS STA. 197+00 TO STA. 202+00

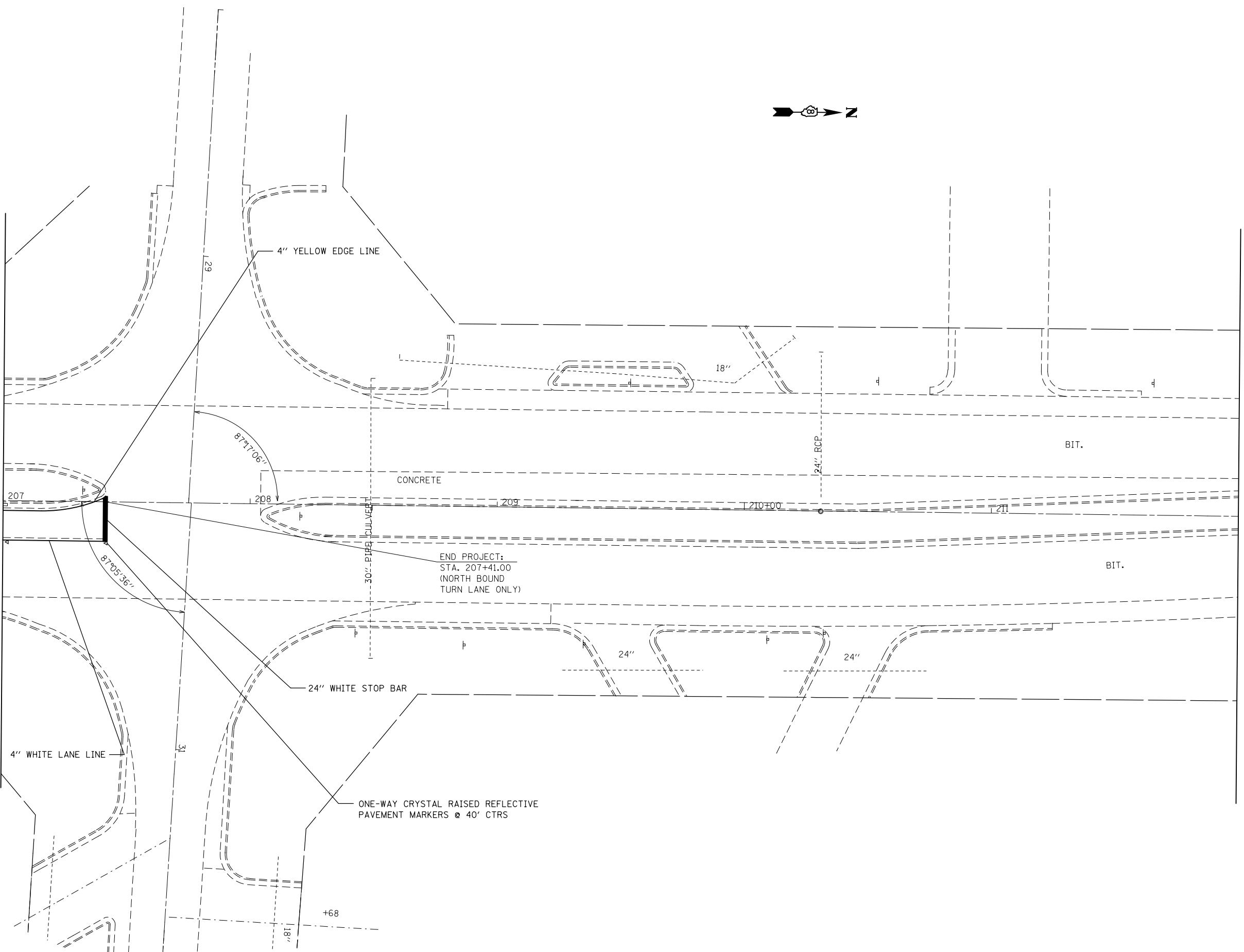
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	59
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				



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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: 20	SHEET NO. 23 OF 24 SHEETS	STA. 202+00 TO STA. 207+00	CONTRACT NO. 76E96				
PLOT DATE = 12/16/2011	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							



MATCHLINE STA. 207+00



END PROJECT:
STA. 207+41.00
(NORTH BOUND
TURN LANE ONLY)

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	PLOT DATE = 12/16/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT_MARKING_SHEETS		
SCALE: 20	SHEET NO. 24 OF 24 SHEETS	STA. 207+00 TO STA. 212+00

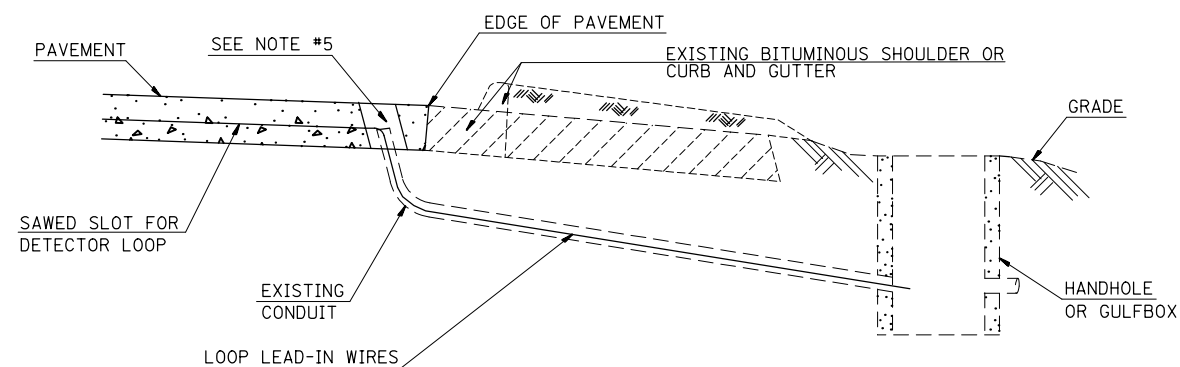
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3,-6-1)RS-3	MADISON	66	61
CONTRACT NO. 76E96				
ILLINOIS FED. AID PROJECT				

NOTES:

SEE TABLE "DETECTOR LOOP REQUIREMENTS AND CALCULATIONS" FOR LOOP SIZE AND CALCULATED NUMBER OF TURNS.

SEE "DETAIL A" FOR INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUITS.

SCHEDULE OF QUANTITIES			TOTAL QUANTITIES	PONTOON ROAD	ENGINEER'S ROAD	CHAIN OF ROCKS ROAD
CODE NO	ITEM	UNIT				
80300100	LOCATING UNDERGROUND CABLE	FOOT	100	40	40	20
88600600	DETECTOR LOOP REPLACEMENT	FOOT	2346	509	1215	622



DETAIL A
(NO SCALE)

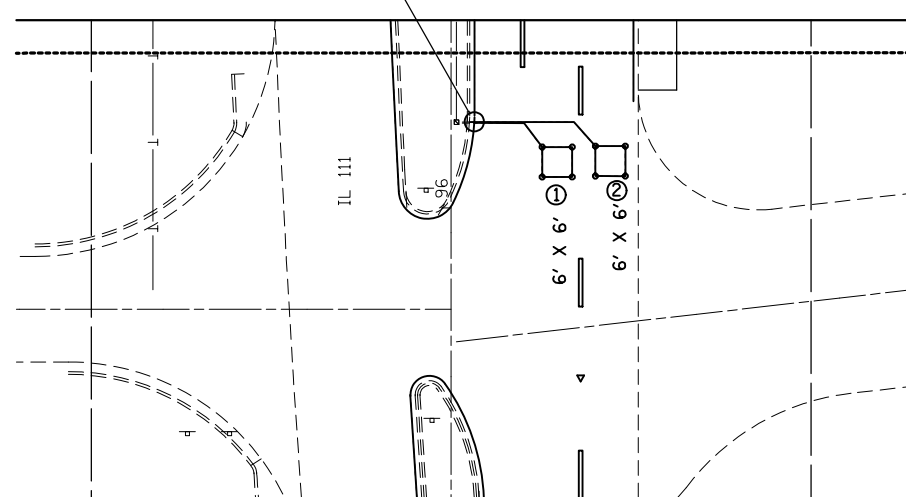
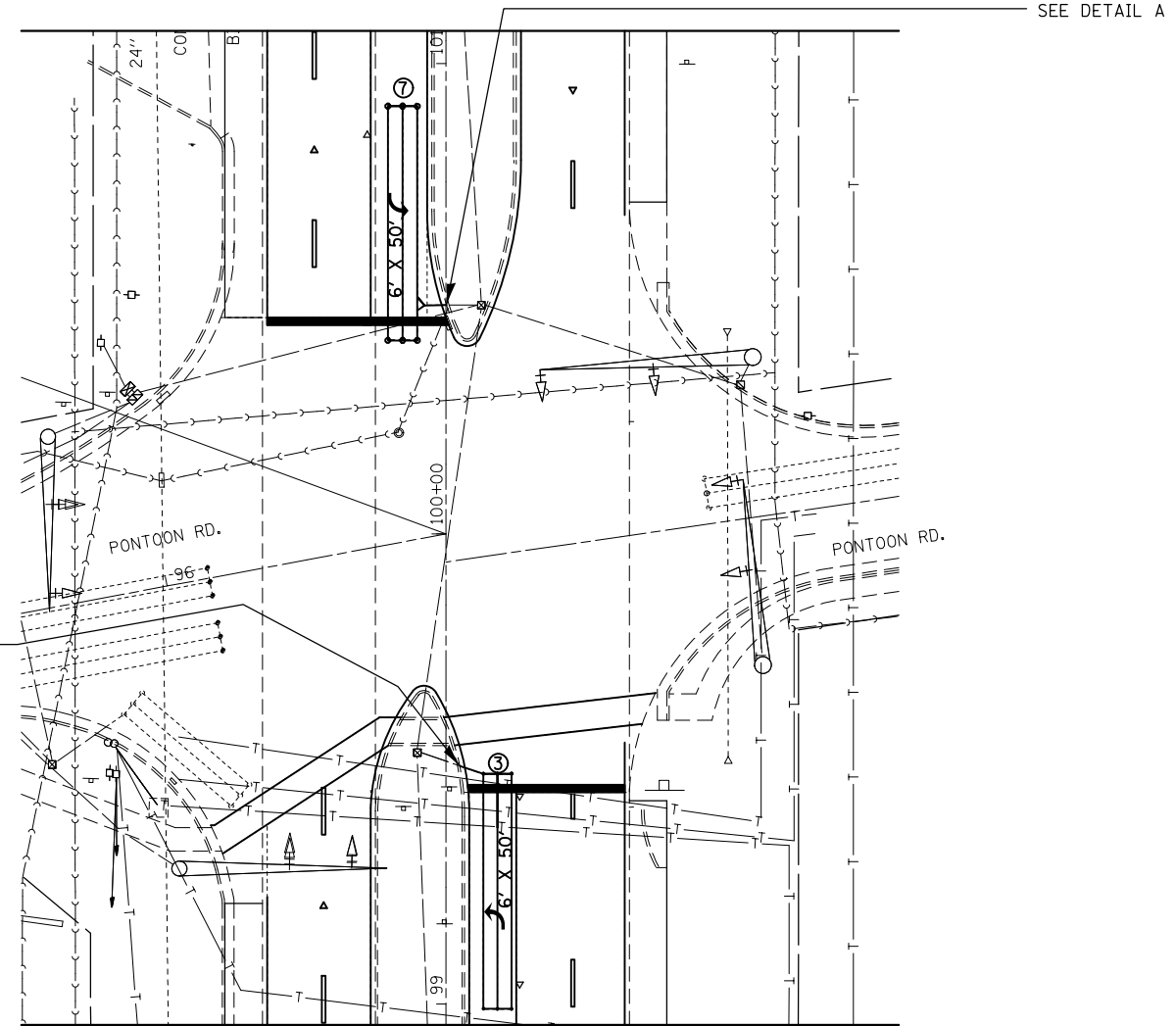
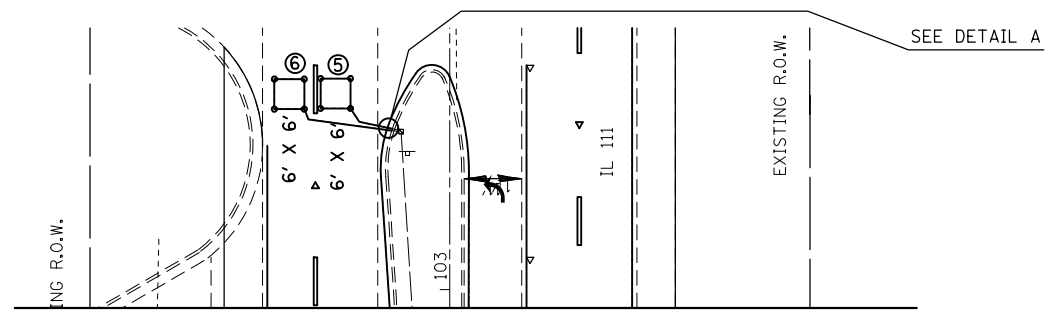
INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUIT

1. DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
2. REMOVE EXISTING DETECTOR LOOP WIRES TO HANDHOLE OR GULFBOX.
3. INSTALL NEW LOOP LEAD-IN WIRES IN EXISTING CONDUIT.
4. SPLICE NEW DETECTOR LOOP WIRES TO EXISTING LOOP LEAD-IN CABLE IN HANDHOLE OR GULFBOX.
5. FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.
6. LOCATING UNDERGROUND CABLE WILL BE PAID FOR SEPARATELY.

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT"

DETECTOR LOOP REPLACEMENT LEGEND

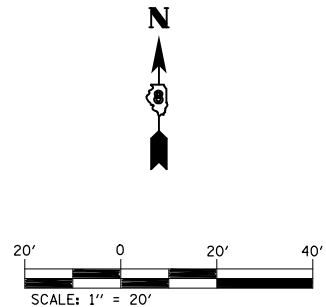
- ☐ EX. HANDHOLE
- ⊞ EX. DETECTOR LOOP
- ⊞ EX. TRAFFIC SIGNAL CONTROLLER
- EXISTING CONDUIT
- ▭ PROPOSED DETECTOR LOOP



DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 111 AND PONTOON RD.

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1.NB CCO A	6	6 X 6	6	379.6	3.2
2.NB CCO B	6	6 X 6	6	381.8	3.2
3.NB LT CD	1	6 X 50-Q	3-6-3	833.5	2.7
4.WB LT-THRU CD	8	6 X 50-Q	3-6-3	NA	NA
5.SB CCO A	2	6 X 6	6	342.4	2.4
6.SB CCO B	2	6 X 6	6	344.6	2.4
7.SB LT CD	5	6 X 50-Q	3-6-3	811.7	2.2
8.EB LT CD	4	6 X 50-Q	3-6-3	NA	NA
9.EB THRU CD	4	6 X 50-Q	3-6-3	NA	NA
10.EB RT CD	4	6 X 45-Q	3-6-3	NA	NA

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.
Q=QUADRAPOLE



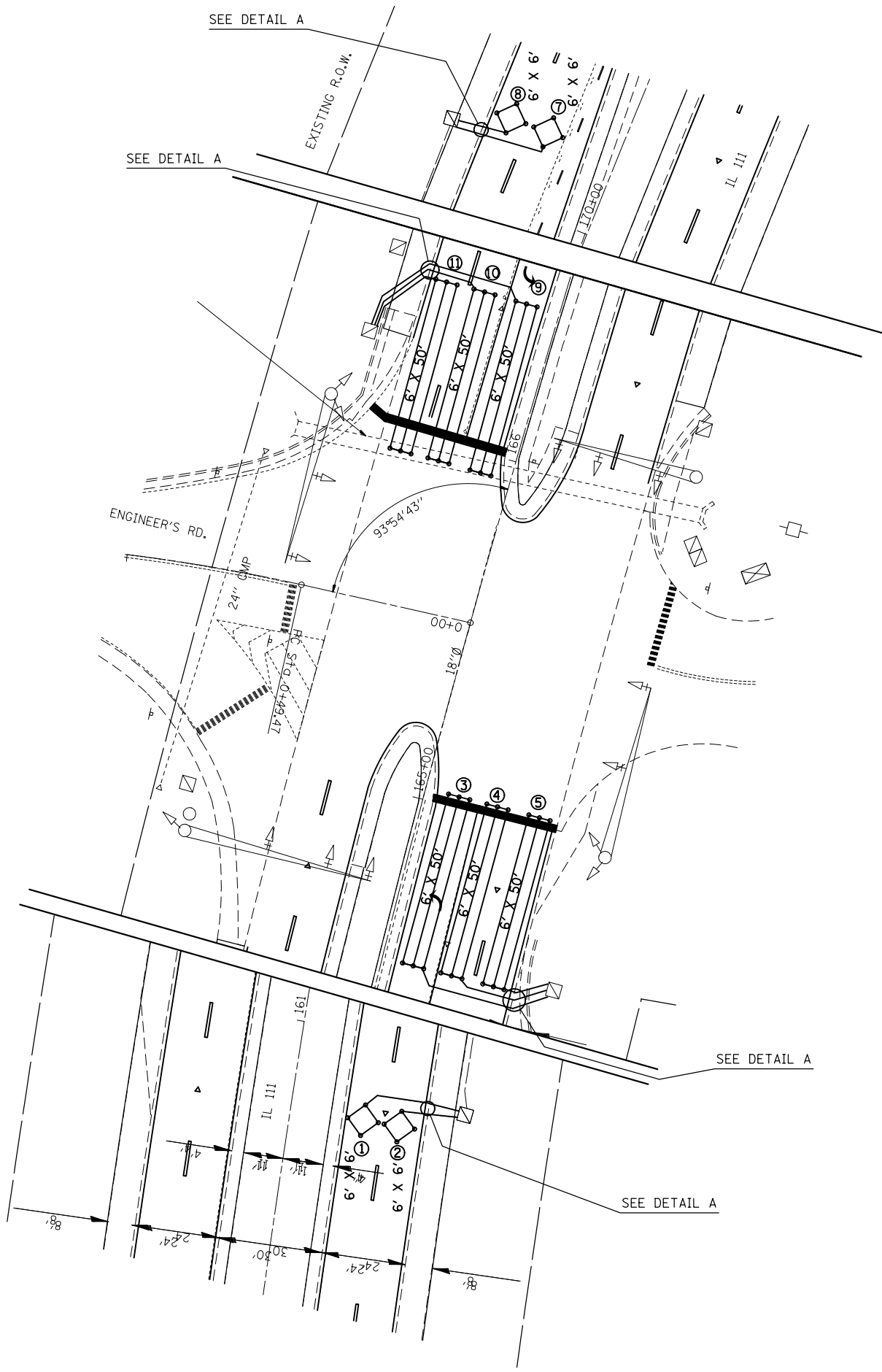
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL 111 & PONTOON RD.**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3, 6-1)RS-3	MADISON	66	63
CONTRACT NO. 76E96				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 111 AND ENGINEER'S RD.

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1.NB CCO A	6	6 X 6	6	379.2	3.2
2.NB CCO B	6	6 X 6	5	376.8	3.1
3.NB LT CD	1	6 X 50-Q	3-6-3	831.8	2.6
4.NB THRU CD A	6	6 X 50-Q	3-6-3	828.5	2.6
5.NB THRU CD B	6	6 X 50-Q	3-6-3	825.6	2.5
6.WB LT-THRU CD	3	6 X 35-Q	3-6-3	NA	NA
7.SB CCO A	2	6 X 6	7	497.6	3.4
8.SB CCO B	2	6 X 6	7	494.7	3.3
9.SB LT CD	5	6 X 50-Q	3-6-3	836.2	2.7
10.SB THRU CD A	2	6 X 50-Q	3-6-3	832.6	2.7
11.SB THRU CD B	2	6 X 50-Q	3-6-3	829.8	2.6
12.EB LT-THRU CD	4	6 X 50-Q	3-6-3	NA	NA
13.EB RT CD	4	6 X 45-Q	3-6-3	NA	NA

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.
Q=QUADRAPOLE

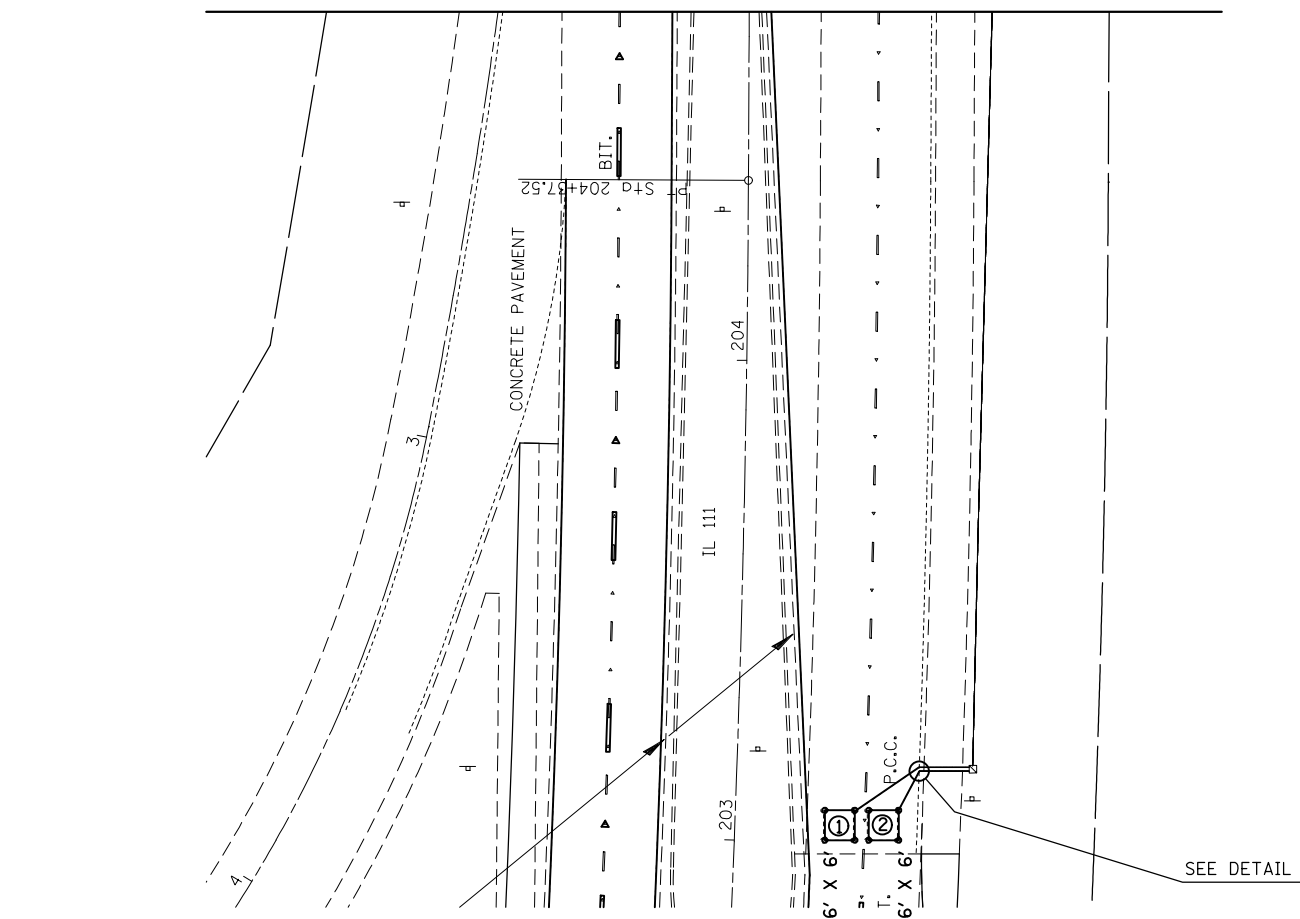
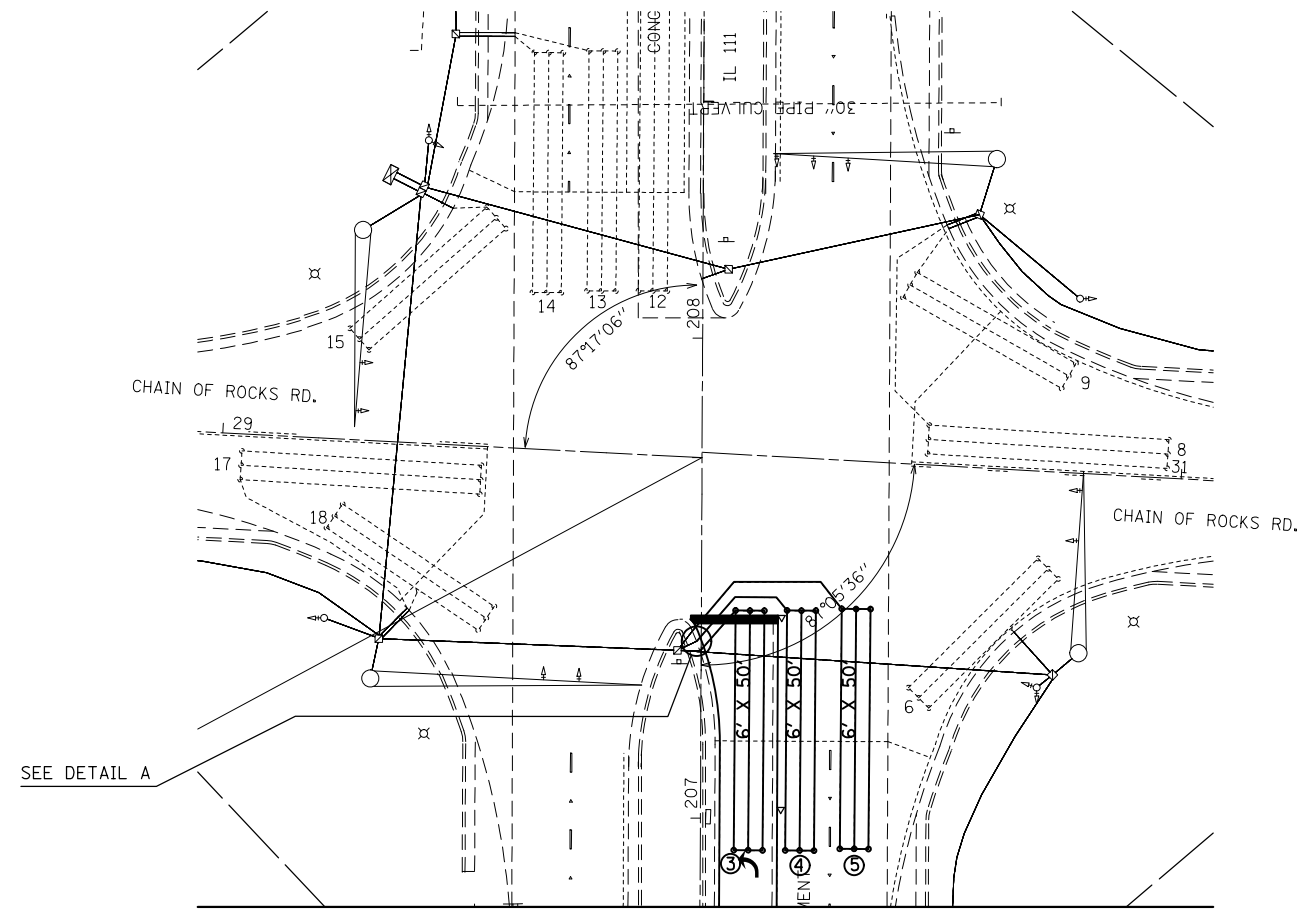
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL 111 & ENGINEER'S RD.**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3, 6-1)RS-3	MADISON	66	64
CONTRACT NO. 76E96				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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



DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 111 AND CHAIN OF ROCKS RD.

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1.NB CCO A	6	6 X 6	7	525.3	4.0
2.NB CCO B	6	6 X 6	7	523.8	4
3.NB LT CD	1	6 X 50-Q	3-6-3	836.6	2.7
4.NB THRU CD A	6	6 X 50-Q	3-6-3	839.5	2.8
5.NB THRU CD B	6	6 X 50-Q	3-6-3	842.8	2.9
6.NB RT CD	6	6 X 30-Q	3-6-3	NA	NA
7.WB CCO	4	6 X 6	5	NA	NA
8.WB THRU CD	4	6 X 50-Q	3-6-3	NA	NA
9.WB RT CD	4	6 X 30-Q	3-6-3	NA	NA
10.SB CCO A	2	6 X 6	7	NA	NA
11.SB CCO B	2	6 X 6	7	NA	NA
12.SB LT CD	5	6 X 50-Q	3-6-3	NA	NA
13.SB THRU CD A	2	6 X 50-Q	3-6-3	NA	NA
14.SB THRU CD B	2	6 X 50-Q	3-6-3	NA	NA
15.SB RT CD	2	6 X 30-Q	3-6-3	NA	NA
16.EB CCO	3	6 X 6	7	NA	NA
17.EB THRU CD	3	6 X 50-Q	3-6-3	NA	NA
18.EB RT CD	3	6 X 30-Q	3-6-3	NA	NA

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
IL 111 & CHAIN OF ROCKS RD.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-3, 6-1)RS-3	MADISON	66	65
CONTRACT NO. 76E96				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

