

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

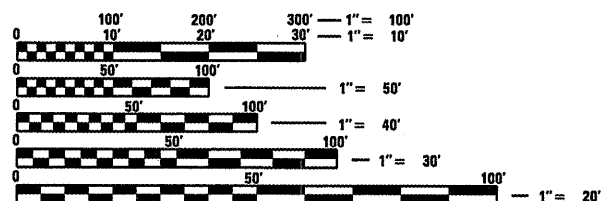
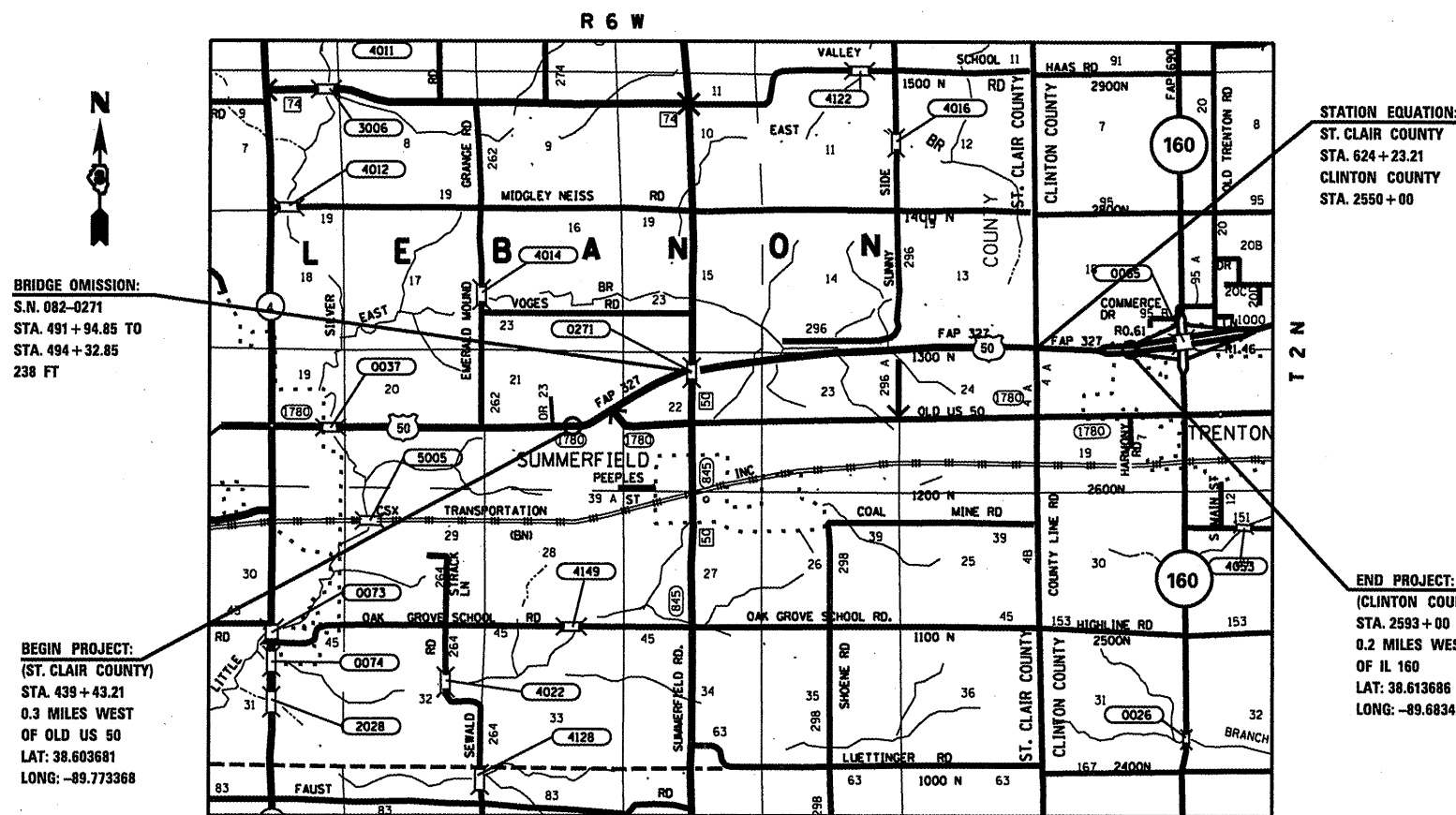
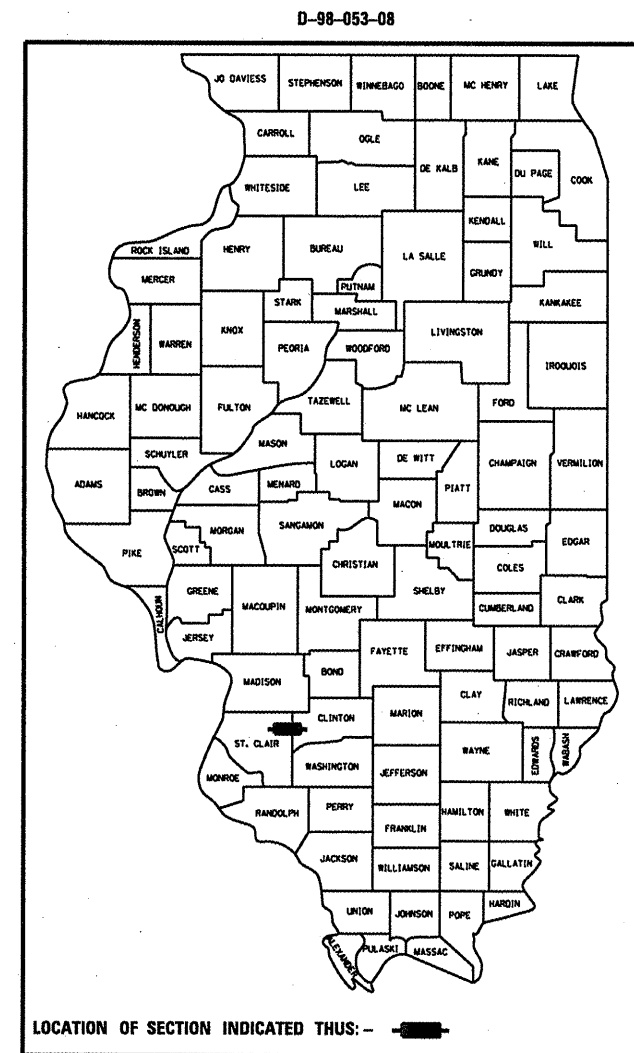
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	ST. CLAIR / CLINTON	64	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 76B81	

ST. CLAIR / CLINTON

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FAP 327 (US 50)  
 SECTION: (82-11,14-12)RS-1  
 PROJECT ACNHF-0327(056)  
 ST. CLAIR / CLINTON COUNTY  
 RESURFACING

C-98-049-08



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.

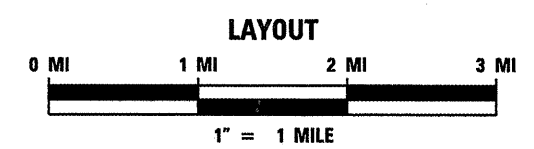
J.U.L.I.E.  
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
 1-800-892-0123  
 OR 811

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

CONTRACT NO. 76B81

ADT

7700	(2007)
7900	(2009)
9600	(2029)
SU = 3.2%	
MU = 7.1%	



GROSS LENGTH: 22955.55 FT (4.35 MILES)  
 NET LENGTH: 22717.55 FT (4.32 MILES)

FUNCTIONAL ROADWAY CLASSIFICATION:  
 OTHER PRINCIPAL ARTERIAL

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED December 16 20 11

Don M. Owen  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

Feb 3 20 12  
John D. Baramelli P.E. Jr  
 acting ENGINEER OF DESIGN AND ENVIRONMENT

Feb 3 20 12  
William R. Fley Jr  
 acting DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

**INDEX OF SHEETS**

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- 11.-32. PLAN VIEW SHEETS
- 33.-54. PAVEMENT MARKING SHEETS
- 55.-57. DETAIL SHEETS
- 58.-64. CROSS SECTION SHEETS

- 9. 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.
- 10. FLAGGERS SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.
- 11. THE PAVEMENT MARKING SHOWN IN THE PLANS IS APPROXIMATE. THE LOCATION OF THE PROPOSED MARKINGS SHALL MATCH EXISTING LOCATIONS.
- 12. 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.
- 13. ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 14. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:
- 15. 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 WITHIN 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 WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 803.04 OF THE STANDARD SPECIFICATIONS.
- 16. 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 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.

GENERAL NOTES

- 1. THE RESIDENT ENGINEER SHALL LOCATE AND MARK THE EXACT LOCATIONS FOR ALL PROPOSED ITEMS PRIOR TO INSTALLATION BY THE CONTRACTOR.
- 2. FLUORESCENT ORANGE "ROAD CONSTRUCTION AHEAD" SIGNS (48"X48") SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS AS DIRECTED BY THE ENGINEER. THESE SIGNS SHALL NOT BE MEASURED FOR PAYMENT. COST SHALL BE INCLUDED IN THE VARIOUS TRAFFIC CONTROL PAY ITEMS.
- 3. 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 IP - (AERIAL & BURIED)
  - AT&T ILLINOIS - (AERIAL & BURIED)
  - CHARTER COMMUNICATIONS, INC. - (AERIAL & BURIED)
  - CLINTON COUNTY ELECTRIC COOPERATIVE, INC - (AERIAL & BURIED)
  - SLM WATER COMMISSION - (BURIED)
  - TRI-TOWNSHIP WATER DISTRICT - (BURIED)
  - VERIZON NORTH, INC - (AERIAL & BURIED)

J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- 4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 5. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
- 6. 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.
- 7. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04. MULCH SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS. MULCH UNLESS OTHERWISE PERMITTED BY ENGINEER, SHALL CONFORM TO METHOD 2 AS SPECIFIED IN ARTICLE 251.03 AND SHALL ALSO BE AT COST OF THE CONTRACTOR.
- 8. THE CHEVRON SIGNS FROM STATION 2571+00 TO STATION 2573+00 CONFLICTING WITH CONSTRUCTION OPERATIONS SHALL BE REMOVED, MAINTAINED, AND RE-ERECTED PER SECTION 107.25 OF THE STANDARD SPECIFICATION. ANY DAMAGE TO POST OR SIGN SHALL BE REPLACED AT CONTRACTOR EXPENSE.

MIXTURE USE	SURFACE	LEVEL BINDER	BINDER/PATCHING
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	10%	10%
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION (GRADATION MIXTURE)			IL 19.0
FRICITION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"

MIXTURE USE	SHOULDERS	TOP LIFT SHOULDER
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	30%	30%
DESIGN AIR VOIDS	2.0% @ Ndes=30	**2.0% @ Ndes=30
MIX COMPOSITION (GRADATION MIXTURE)		
FRICITION AGG	BAM	BAM

\*\* TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

COMMITMENTS

NONE

HIGHWAY STANDARDS

000001-06	701311-03
442201-03	701336-06
630001-10	701411-08
631033-04	701421-04
635006-03	701901-02
635011-02	780001-03
701006-03	781001-03
701011-02	814001-02
701101-02	886001-01
701201-04	886006-01
701301-04	
701306-03	701424-04

• ST. CLAIR /CLINTON

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	PLOT DATE = 12/23/2011	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1		64	2
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 76B81	

# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		ST. CLAIR 80% FED 20% STATE 0005	CLINTON 80% FED 20% STATE 0005
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	44	26.1	17.9
40600300	AGGREGATE (PRIME COAT)	TON	207	126	81
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	3521.1	2149.1	1372
40600895	CONSTRUCTING TEST STRIP	EACH	1	0.5	0.5
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1120	400	720
40600990	TEMPORARY RAMP	SQ YD	70	40	30
40603345	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	7042.2	4298.4	2743.8
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	137838.1	84024.6	53813.5
44004250	PAVED SHOULDER REMOVAL	SQ YD	174.4		174.4
44200140	PAVEMENT PATCHING, TYPE I, 12 INCH	SQ YD	6	3	3
44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SQ YD	393	319.6	73.4
44200148	PAVEMENT PATCHING, TYPE III, 12 INCH	SQ YD	111	111	
44200150	PAVEMENT PATCHING, TYPE IV, 12 INCH	SQ YD	2060	1964	96

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		ST. CLAIR 80% FED 20% STATE 0005	CLINTON 80% FED 20% STATE 0005
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1773	988	785
48203100	HOT-MIX ASPHALT SHOULDERS	TON	4477	2760	1717
50105220	PIPE CULVERT REMOVAL	FOOT	45		45
542D1069	PIPE CULVERTS, CLASS D, TYPE 2 24"	FOOT	45		45
60107600	PIPE UNDERDRAINS 4"	FOOT	1162	1162	
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A. 9 FOOT POSTS	FOOT	1045	1045	
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	4	4	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4	
63200310	GUARDRAIL REMOVAL	FOOT	1130	1130	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	4	2
67100100	MOBILIZATION	L SUM	1	0.81	0.19
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1		1

\*SPECIALTY ITEM

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	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUMMARY OF QUANTITIES</b>			
SCALE:	SHEET NO. OF	SHEETS	STA. TO STA.

F.A.P. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
327		(82-11,14-12)RS-1		•		64		3	
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT		CONTRACT NO. 76B81			

• ST. CLAIR / CLINTON

# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		TOTAL QUANTITIES	SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		ST. CLAIR 80% FED 20% STATE 0005	CLINTON 80% FED 20% STATE 0005		CODE NO	ITEM	UNIT		ST. CLAIR 80% FED 20% STATE 0005	CLINTON 80% FED 20% STATE 0005
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	88887	52292	36595	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5	0.5	* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2855		2855	
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0.5	0.5	* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	569	390	179	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	17488	12633.6	4854.4	* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	35	35		
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	47	47		* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	402	294	108	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	88887	52292	36595	* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	14	14		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	2855		2855	* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	855	390	465	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	425	294	131	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	35		35	* 81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	40		40	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1458	1053	405	* 81028770	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	44		44	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	47	47		* 81400200	HEAVY-DUTY HANDHOLE	EACH	1		1	

\* SPECIALTY ITEM

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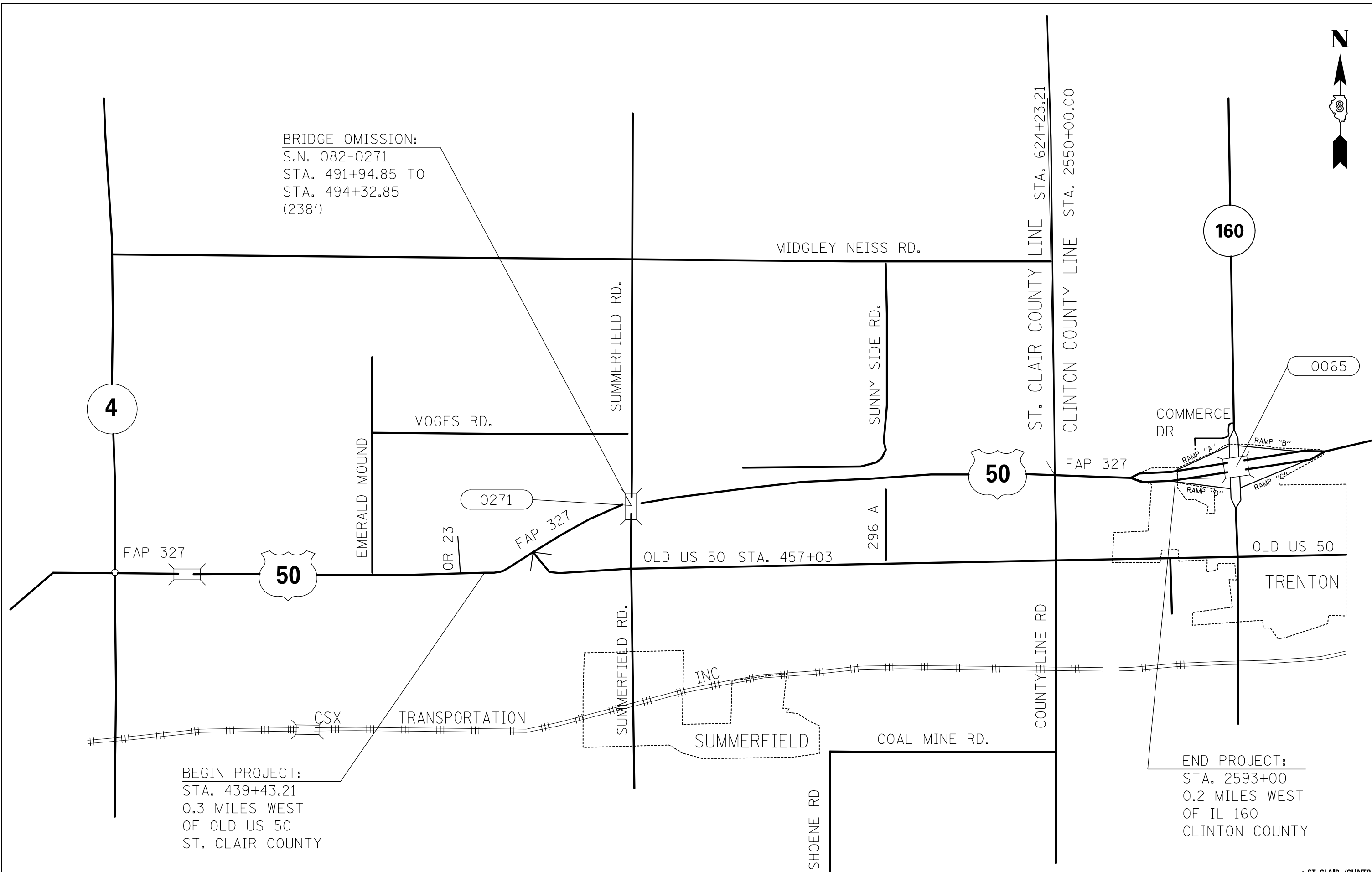
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1		64	4
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	

\* ST. CLAIR / CLINTON





BRIDGE OMISSION:  
 S.N. 082-0271  
 STA. 491+94.85 TO  
 STA. 494+32.85  
 (238')

4

50

50

160

0065

0271

FAP 327

OR 23

FAP 327

OLD US 50 STA. 457+03

296 A

FAP 327

OLD US 50

TRENTON

BEGIN PROJECT:  
 STA. 439+43.21  
 0.3 MILES WEST  
 OF OLD US 50  
 ST. CLAIR COUNTY

END PROJECT:  
 STA. 2593+00  
 0.2 MILES WEST  
 OF IL 160  
 CLINTON COUNTY

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	PLOT DATE = 12/23/2011	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.
327	(82-11,14-12)RS-1	*	64	6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	

\* ST. CLAIR / CLINTON

PATCHING SCHEDULE							
STATION	PAVEMENT PATCHING FULL DEPTH						
	EB/WB	WIDTH	LENGTH	TYPE I	TYPE II	TYPE III	TYPE IV
		(FOOT)	(FOOT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
ST. CLAIR COUNTY							
439+43.21	EB	12	100				133.3
440+43.21	EB	12	50				66.7
440+43.21	WB	12	100				133.3
440+00.	EB	12	50				66.7
441+03.	EB	12	50				66.7
491+84.85	EB	12	10		13.3		
491+84.85	WB	12	10		13.3		
494+32.85	EB	12	10		13.3		
494+32.85	WB	12	10		13.3		
495+40.01	WB	12	10		13.3		
502+79.21	EB	4	100				44.4
508+07.21	EB	12	200				266.7
513+02.21	WB	12	8		10.7		
513+35.21	WB	12	40				53.3
545+03.25	EB	12	15				40.0
545+03.25	WB	12	15				40.0
550+31.5	EB	6	12		8.0		
555+59.62	EB	6	12		8.0		
559+87.54	EB	4	100				44.4
560+87.54	EB	12	12			16.0	
565+50.12	WB	12	15			20.0	
568+77.21	WB	12	15			20.0	
570+14.45	WB	4	160				71.0
574+07.8	EB	12	8		8.0		
579+10.54	EB	12	6		8.0		
579+10.54	WB	12	6		8.0		
581+99.21	EB	6	25			16.7	
582+30.12	EB	4	6	2.7			
584+63.1	EB	6	30			20.0	
586+21.6	WB	4	1162				516.4
587+99.21	EB	12	20				26.7
589+91.36	EB	12	50				66.7
CLINTON COUNTY							
2719+75.20	EB	10	12		13.3		
2719+75.21	WB	10	12		13.3		
2722+55.04	EB	10	12		13.3		
2722+55.04	WB	10	12		13.3		
2727+14.40	EB	6	4	2.7			
2736+85.92	WB	6	40				26.7
2746+41.60	WB	6	12		8.0		
RAMP B							
10+56.89		6	80				53.3
SUB TOTAL:				5.4	178.5	92.7	1716.4
PROJECTED FAILURES 20%				1.1	35.7	18.5	343.3
TOTAL:				6	393	111	2060

THERMOPLASTIC PAVEMENT MARKING SCHEDULE																	
STATION	TO	STATION	LENGTH (FT)	8" LINE GORE AREA (FT)	LINE 12" DIAGONALS (FT)	LINE 24" STOP BAR (FT)	LETTERS AND SYMBOLS LEFT TURN ARROWS (SQ FT)	4" SKIP-DASH		4" LINE		4" DOUBLE YELLOW (FT)	AUX SKIP-DASH 4" (FT)	RAISED REFLECTIVE PAVEMENT MARKER			
								YELLOW (FT)	WHITE (FT)	YELLOW (FT)	WHITE (FT)			TWO-WAY AMBER (EACH)	ONE-WAY CRYSTAL (EACH)	REMOVAL (EACH)	
458+02.69							15.6										
458+52.76							15.6										
459+02.99							15.6										
EDGE LINE																	
439+43.21	TO	624+23.21	18480.00														
2550+00.	TO	2569+06.9	1906.90														
2569+06.9	TO	2593+00.	2393.10														
2575+06.91	TO	2593+00.	1793.09								1793						
2573+52.06	TO	2593+00.	1947.94								1947						
447+35.24	TO	452+42.93	507.69						127.00								
466+24.93	TO	624+23.21	17580.28						4395.10								
2550+00.	TO	2575+54.66	2554.66						639.00								
2575+54.66	TO	2593+00.	1745.34							973							
457+42.93	TO	459+42.93	200.00												200		
452+42.93	TO	456+85.33	442.40													1769.6	
457+42.93	TO	466+20.69	877.76													3511	
2569+06.09	TO	2575+06.91	600.82													1201.64	
2569+06.09	TO	2573+52.06	445.97													891.94	
NO PASSING ZONE																	
439+43.21	TO	447+35.24	792.03								1584.06						
447+35.24	TO	452+42.93	507.69								507.69						
456+42.93	TO	471+20.69	1477.76								1477.76						
484+02.85	TO	491+94.85	792.00								792						
494+32.85	TO	503+24.85	892.00								892						
2564+06.1	TO	2569+06.9	500.80								500.8						
2589+21.27	TO	2593+00.	378.73	758													
2590+87.47	TO	2593+00.	212.53	425													
452+42.93	TO	456+85.33	442.40			169.3											
457+42.93	TO	466+20.69	877.76			220.9											
2569+06.09	TO	2575+06.91	600.82			178.3											
EAST SPUR (OLD US 50)																	
54+52						35											
439+43.21	TO	452+42.93	1299.72													17	17
466+20.69	TO	491+94.85	2574.16													31	31
494+32.85	TO	624+23.21	12990.36													163	163
452+42.93	TO	456+85.33	442.40													22	5
457+42.93	TO	467+20.69	977.76													50	50
2550+00.	TO	2569+00.	1900.00													24	24
2569+06.9	TO	2575+06.91	600.01													15	15
2569+06.9	TO	2573+52.06	445.16														6
	TO		0.00														6
457+42.93	TO	459+42.93	200.00														5
2569+00.	TO	2593+00.	2400.00														33
2575+54.66	TO	2593+00.	1745.34														25
2560+56.	TO	2569+76.	920.00														25
459+42.93	TO	462+42.93	300.00										75				
2587+77.76	TO	2590+87.47	309.71										77				
*2550+00	TO	2560+56	1056.00														23
RAMPS TO IL 160																	
1+00.	TO	25+99.	2499.00	376							2123	2499					
0+00	TO	18+00.	1800.00	410							1400	1800					
1+01.	TO	24+75.89	2374.89	310							2064.9	2374.9					
0+00	TO	18+00.	1800.00	576							1224	1800					
SUB TOTAL:								5161.1	973	16306.21	59020.1	7374.18	152	323	79		
TOTAL:				2855	569	35	47				88987				402		425

\*RRPM TO BE REMOVE AND NOT REPLACED

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

* ST. CLAIR / CLINTON			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
327	(82-11,14-12)RS-1	*	64
			SHEET NO. 7
CONTRACT NO. 76B81			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

GUARDRAIL SCHEDULE									
STA.	TO	STA.	SIDE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS	TRAFFIC BARRIER TERMINAL, TYPE I, (SPECIAL) TANGENT	GUARDRAIL MARKERS, TYPE A	TERMINAL MARKERS DIRECT APPLIED	GUARDRAIL REMOVAL	TRAFFIC BARRIER TERMINAL, TYPE 6B
				(FOOT)	(EACH)	(EACH)	(EACH)	(FOOT)	(EACH)
489+33.	TO	492+66.	R	312.5		4		333	
493+94.	TO	496+26.	R	212.5		3		232	
490+34.	TO	492+66.	L	212.5		3		232	
493+94.	TO	497+27.	L	312.5		4		333	
489+33.			R		1		1		
490+94.			L		1		1		
492+66.			L/R						2
493+94.			L/R						2
496+26.			R		1		1		
497+27.			L		1		1		
TOTAL:				1050	4	14	4	1130	4

PIPE CULVERT SCHEDULE							
STATION	TO	STATION	LENGTH	WB/EB	PIPE CULVERT UNDERDRAINS	PIPE CULVERT CLASS D, TY 2, 24"	PIPE CULVERT REMOVAL
					FOOT	FOOT	FOOT
586+21.6	TO	597+83.6	1162	WB	1162	45	45
2627+00	TO	2627+45	45			45	45
TOTAL:					1162	45	45

STATION	EB/WB	BUTT JOINT	TEMPORARY RAMP
		(SQ YD)	(SQ YD)
ST. CLAIR COUNTY			
439+43.21		133.3	6.67
EAST SPUR (OLD US 50)			
55+08.92		133.3	18.89
CLINTON COUNTY			
491+94.85		133.3	6.67
494+32.85		133.3	6.67
2593+00.	WB	133.3	6.67
2593+00.	EB	133.3	6.67
RAMPS TO IL 160			
1+00 (RAMP A)		80	4.4
18+00 (RAMP B)		80	4.4
1+01 (RAMP C)		80	4.4
18+00 (RAMP D)		80	4.4
TOTAL:		1120	70

RESURFACING SCHEDULE										
STATION	TO	STATION	LENGTH	HMA SURFACE REMOVAL 1 1/2"	AGGRATE (PRIME COAT)	BITUMINOUS (PRIME COAT)	LEVELING BINDER (MACHINE METHOD), N90	HMA SURF CSE MIX "D", N90, 1 1/2"	HMA SHOULDERS 2 1/4"	AGG. SHLDER WEDGE TYPE, B
				(SQ YD)	(TON)	(TON)	(TON)	(TON)	(TON)	
ST. CLAIR COUNTY										
439+43	TO	450+93	1150	5110.2	4.6	0.96	128.8	257.6		
450+93	TO	467+95.17	1702	9456.5	9.6	2.01	270.1	540.2		
467+95.17	TO	624+23.21	15628	69458.0	62.5	13.04	1750.3	3500.7		
SHOULDERS										
439+43.21	TO	624+23.21	18480		49.3	10.28			2759.7	988.1
CLINTON COUNTY										
2550+00.	TO	2574+00.	2400	10666.7	9.6	2.10	268.8	537.6		
2574+00.	TO	2595+00.	2100	18666.7	16.8	3.50	470.4	940.8		
SHOULDERS										
2550+00.	TO	2574+00.	2400		6.4	1.34			358.4	128.3
2574+00.	TO	2593+00.	1900		3.5	0.66			177.3	
2574+00.	TO	2593+00.	1900		2.1	0.40			106.4	101.6
2574+00.	TO	2593+00.	1900		5.6	1.06			283.7	101.6
RAMPS TO IL 160										
1+00.	TO	25+99.	2499	7219.3	10.8	2.3	186.6	373.2	233.2	133.6
0+00	TO	18+00.	1800	5200.0	7.8	1.6	134.4	268.8	168.0	96.2
1+01.	TO	24+75.89	2375	6860.8	10.3	2.1	177.3	354.7	221.7	127.0
0+00	TO	18+00.	1800	5200.0	7.8	1.6	134.4	268.8	168.0	96.2
TOTAL:				137838.1	207	43	3521.1	7042.2	4477	1773

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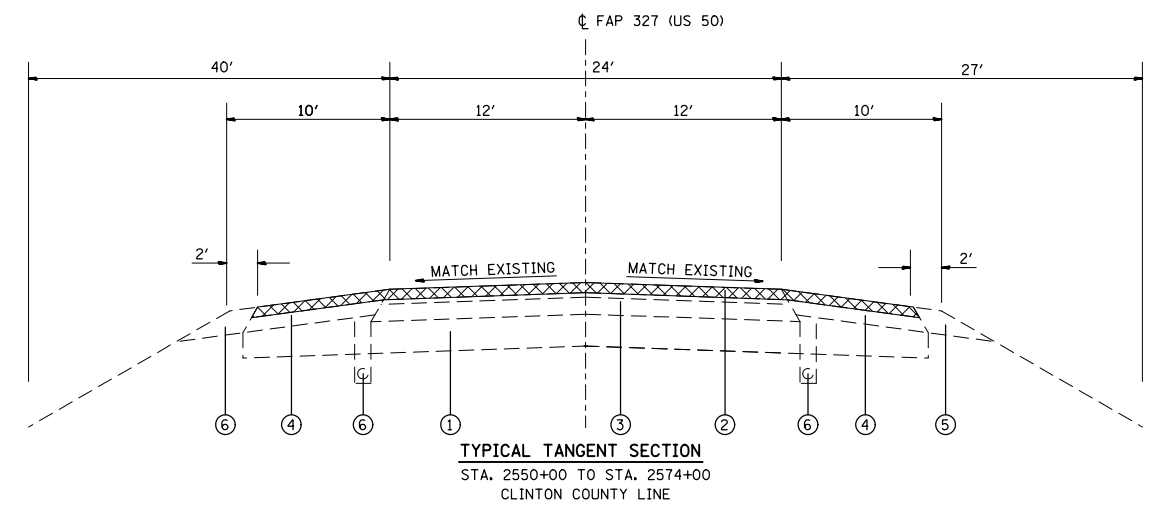
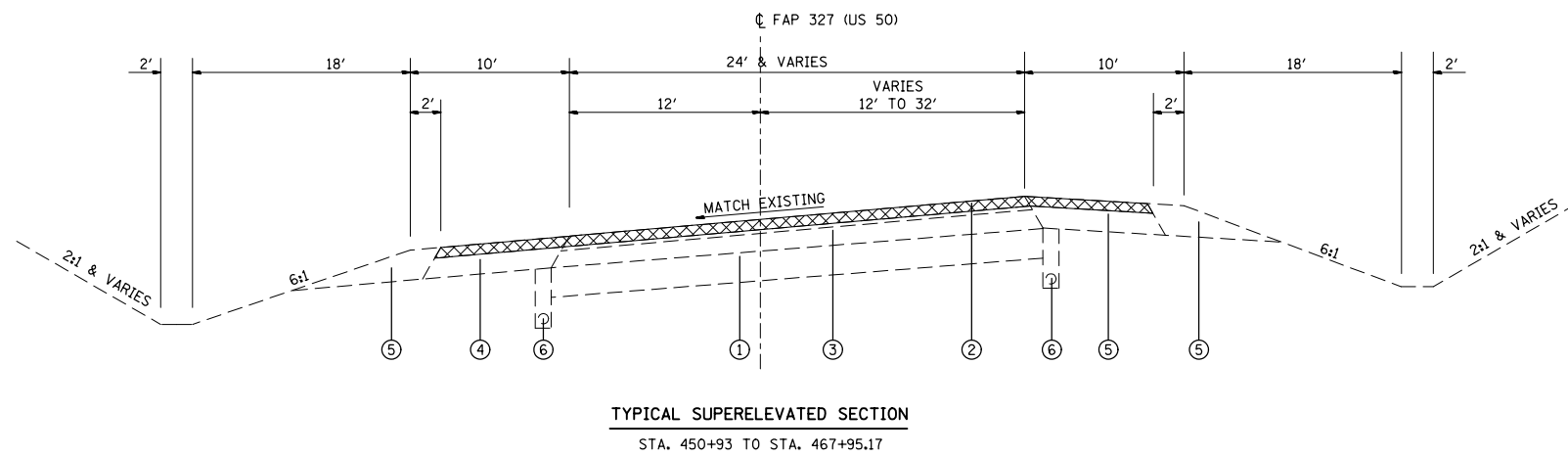
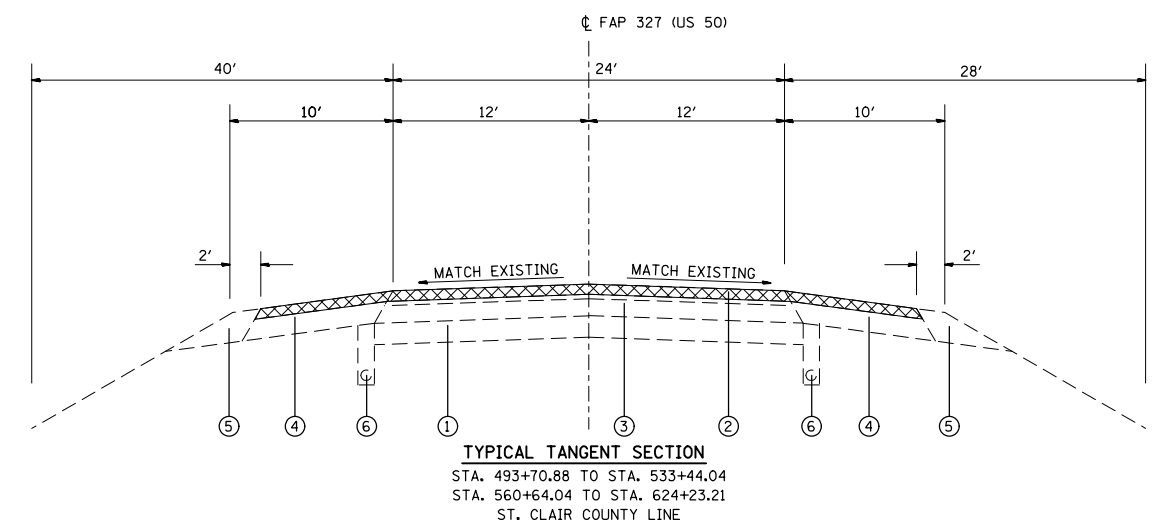
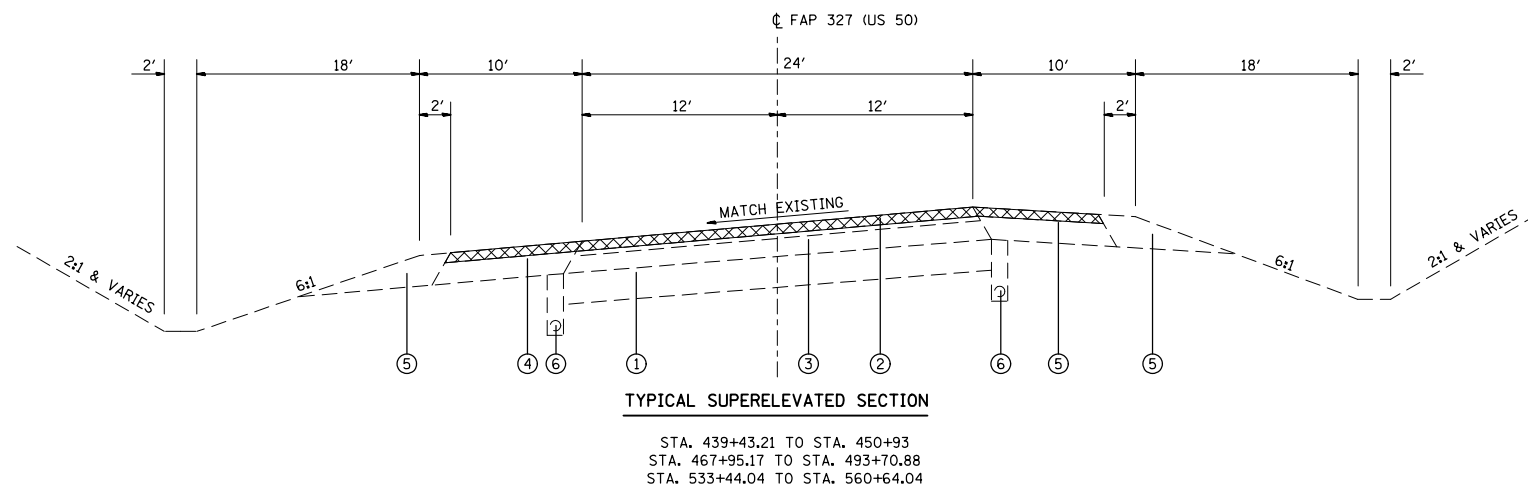
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 76B81				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

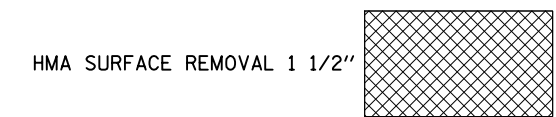
\* ST. CLAIR /CLINTON





**LEGEND**

- ① EXISTING BITUMINOUS BASE COURSE 6 1/4 & 9 1/4
- ② EXISTING BITUMINOUS CONCRETE SURFACE COURSE, 1 1/2"
- ③ EXISTING BITUMINOUS CONCRETE BINDER COURSE, 3/4"
- ④ EXISTING BITUMINOUS SHOULDER 8"
- ⑤ EXISTING AGGREGATE SHOULDERS, TYPE B
- ⑥ EXISTING 4" PIPE UNDERDRAINS
- ⑦ PROPOSED LEVELING BINDER 3/4"
- ⑧ PROPOSED HMA SURFACE COURSE 1 1/2"
- ⑨ PROPOSED AGGRAGATE (PRIME COAT)
- ⑩ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
- ⑪ PROPOSED HMA SHOULDER 2 1/4"
- ⑫ PROPOSED AGGREGATE SHOULDER, TYPE B



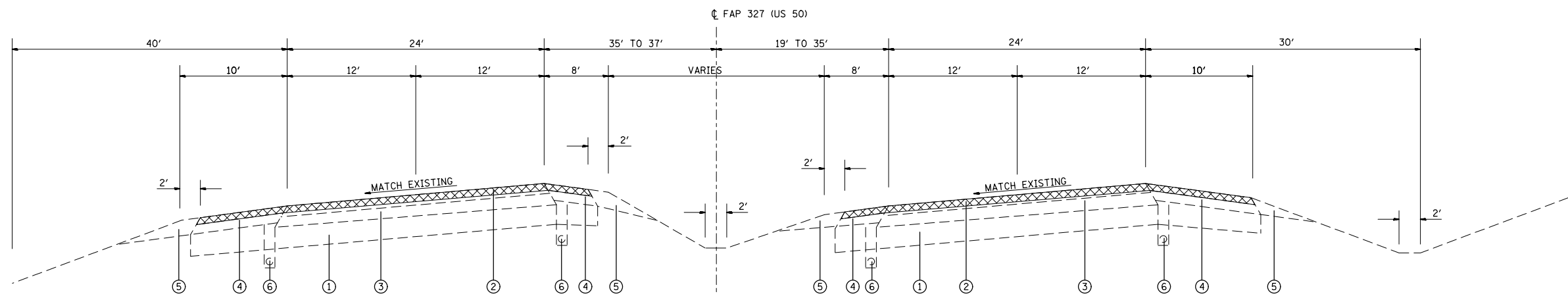
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

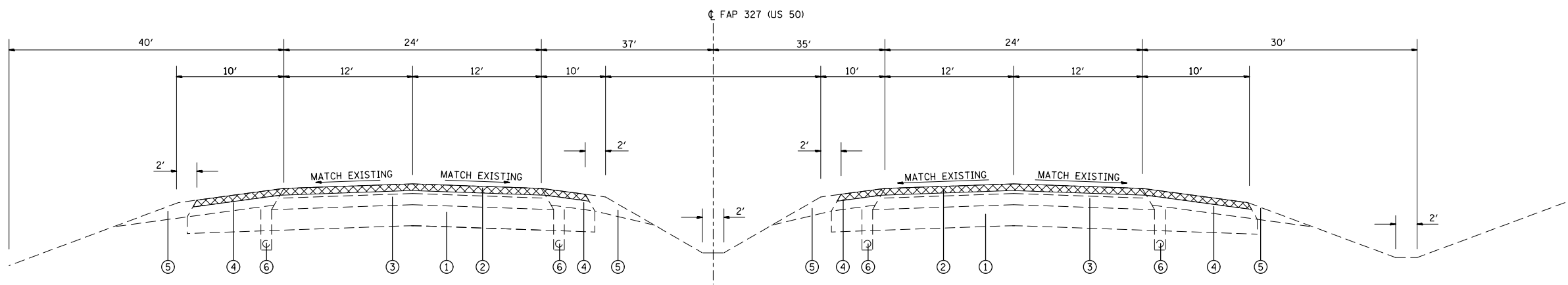
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SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	9
CONTRACT NO. 76B81				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

\* ST. CLAIR /CLINTON



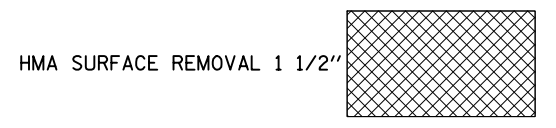
**TYPICAL SUPERELEVATED SECTION**  
STA. 2574+00 TO STA. 2594+21.59



**TYPICAL TANGENT SECTION**  
STA. 2594+21.59 TO STA. 2593+00

**LEGEND**

- ① EXISTING BITUMINOUS BASE COURSE 6 1/4 & 9 1/4
- ② EXISTING BITUMINOUS CONCRETE SURFACE COURSE, 1 1/2"
- ③ EXISTING BITUMINOUS CONCRETE BINDER COURSE, 3/4"
- ④ EXISTING BITUMINOUS SHOULDER 8"
- ⑤ EXISTING AGGREGATE SHOULDERS, TYPE B
- ⑥ EXISTING 4" PIPE UNDERDRAINS
- ⑦ PROPOSED LEVELING BINDER 3/4"
- ⑧ PROPOSED HMA SURFACE COURSE 1 1/2"
- ⑨ PROPOSED AGGRAGATE (PRIME COAT)
- ⑩ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
- ⑪ PROPOSED HMA SHOULDER 2 1/4"
- ⑫ PROPOSED AGGREGATE SHOULDER, TYPE B



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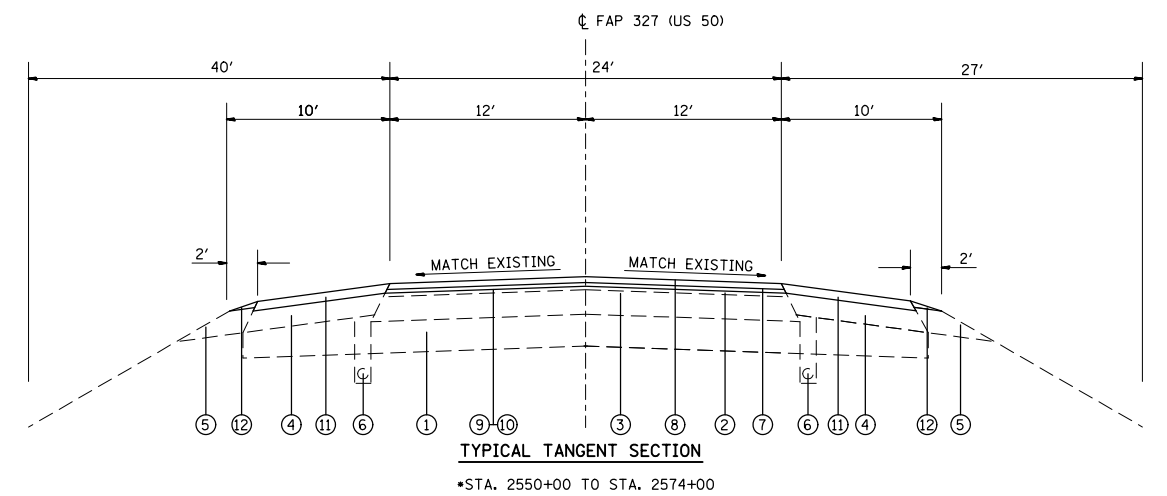
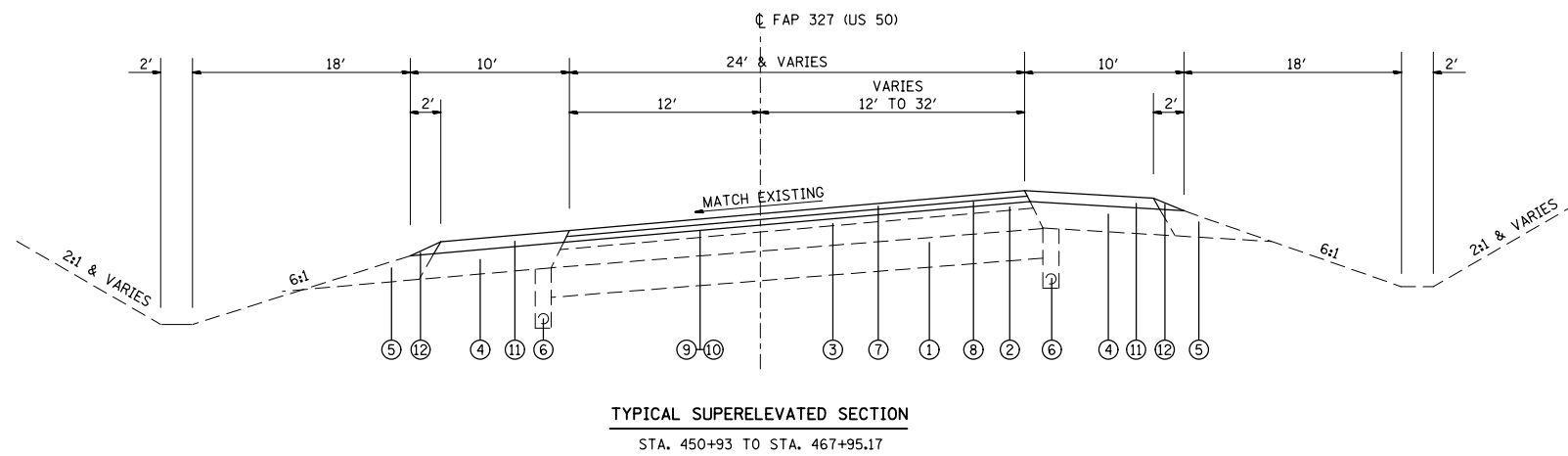
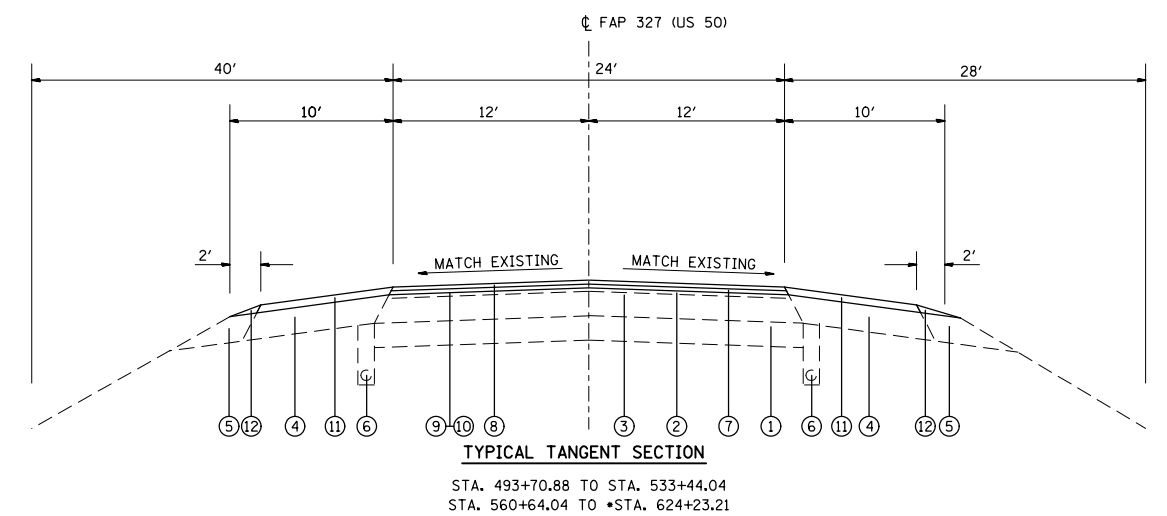
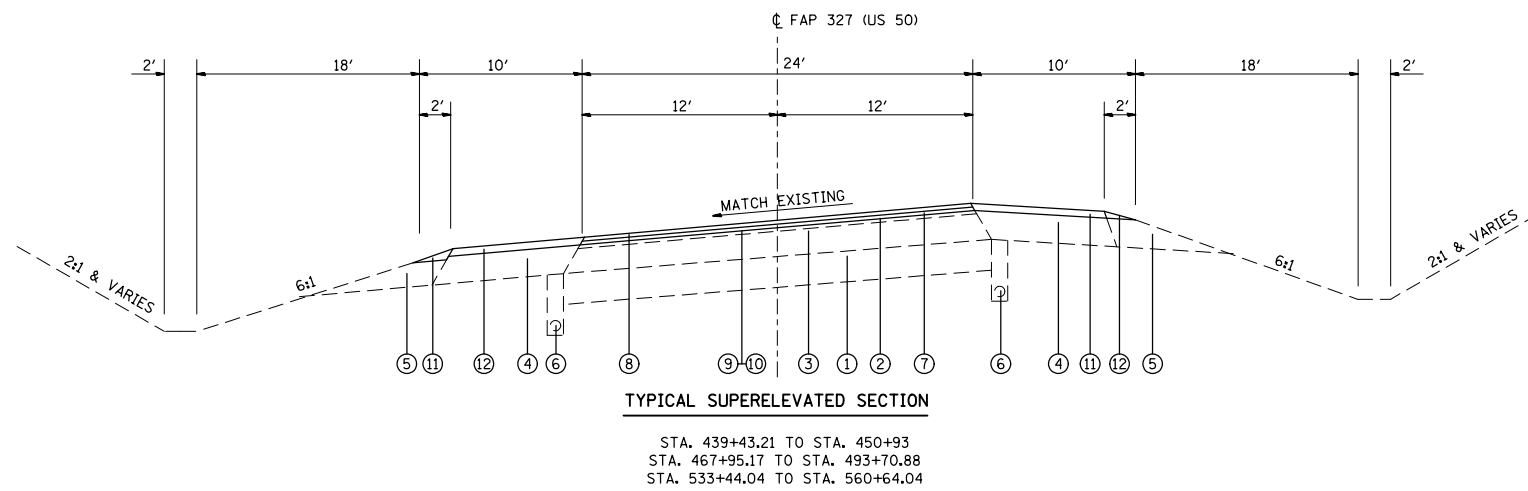
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTION**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	10
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	

• ST. CLAIR / CLINTON



\*NOTE: STATION EQUATION ST. CLAIR COUNTY ENDS 624+23.21 = 2550+00.00 CLINTON COUNTY BEGINS.

**LEGEND**

- ① EXISTING BITUMINOUS BASE COURSE 6 1/4 & 9 1/4
- ② EXISTING BITUMINOUS CONCRETE SURFACE COURSE, 1 1/2"
- ③ EXISTING BITUMINOUS CONCRETE BINDER COURSE, 3/4"
- ④ EXISTING BITUMINOUS SHOULDER 8"
- ⑤ EXISTING AGGREGATE SHOULDERS, TYPE B
- ⑥ EXISTING 4" PIPE UNDERDRAINS
- ⑦ PROPOSED LEVELING BINDER 3/4"
- ⑧ PROPOSED HMA SURFACE COURSE 1 1/2"
- ⑨ PROPOSED AGGRAGATE (PRIME COAT)
- ⑩ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
- ⑪ PROPOSED HMA SHOULDER 2 1/4"
- ⑫ PROPOSED AGGREGATE SHOULDER, TYPE B

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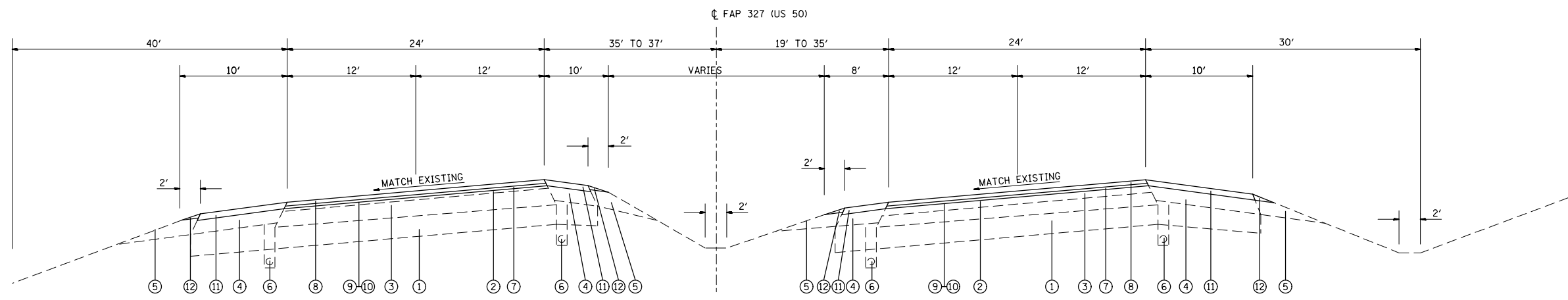
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTION**

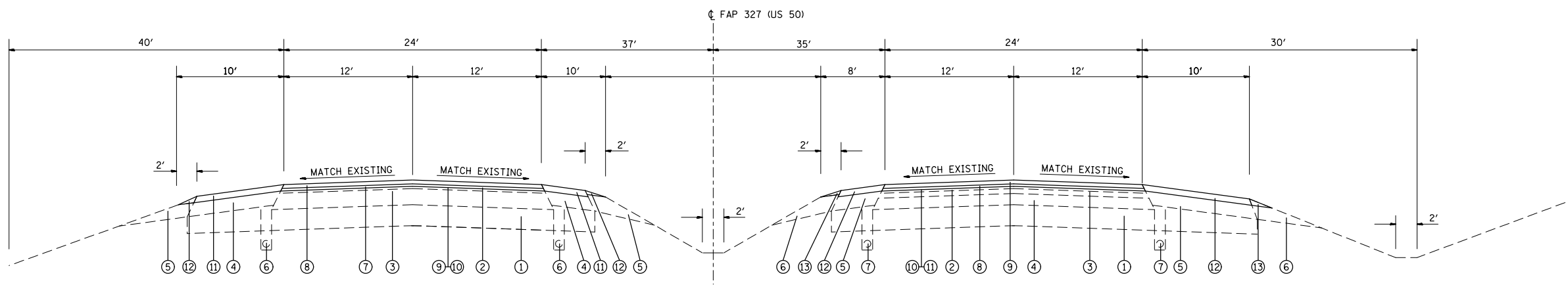
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327		(82-11,14-12)RS-1	*	64	11
				CONTRACT NO. 76B81	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

\* ST. CLAIR /CLINTON



**TYPICAL SUPERELEVATED SECTION**  
 STA. 2574+00 TO STA. 2594+21.59



**TYPICAL TANGENT SECTION**  
 STA. 2594+21.59 TO STA. 2593+00

**LEGEND**

- ① EXISTING BITUMINOUS BASE COURSE 6 1/4 & 9 1/4
- ② EXISTING BITUMINOUS CONCRETE SURFACE COURSE, 1 1/2"
- ③ EXISTING BITUMINOUS CONCRETE BINDER COURSE, 3/4"
- ④ EXISTING BITUMINOUS SHOULDER 8"
- ⑤ EXISTING AGGREGATE SHOULDERS, TYPE B
- ⑥ EXISTING 4" PIPE UNDERDRAINS
- ⑦ PROPOSED LEVELING BINDER 3/4"
- ⑧ PROPOSED HMA SURFACE COURSE 1 1/2"
- ⑨ PROPOSED AGGRAGATE (PRIME COAT)
- ⑩ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
- ⑪ PROPOSED HMA SHOULDER 2 1/4"
- ⑫ PROPOSED AGGREGATE SHOULDER, TYPE B

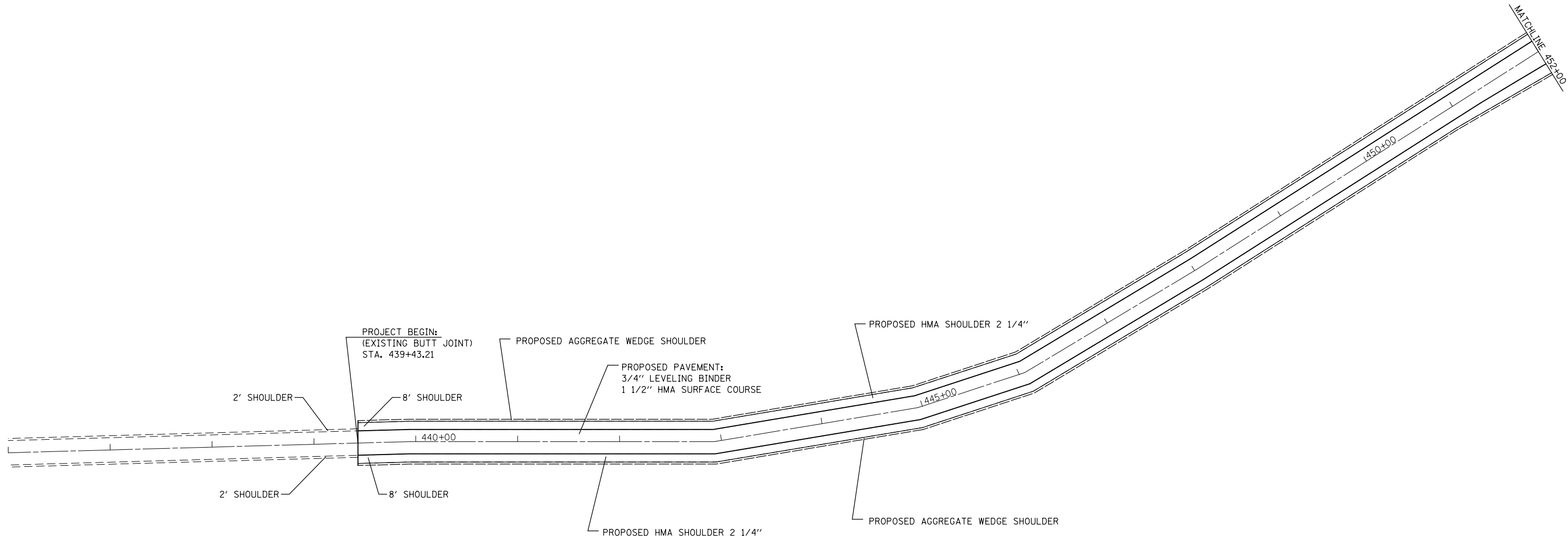
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TYPICAL SECTION</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	12
CONTRACT NO. 76B81				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

• ST. CLAIR / CLINTON



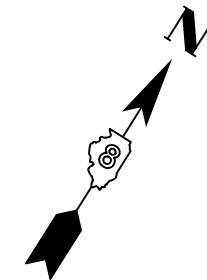
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN VIEW**

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

• ST. CLAIR / CLINTON		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		327	(82-11,14-12)RS-1	*	64	13
					CONTRACT NO. 76B81	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT				

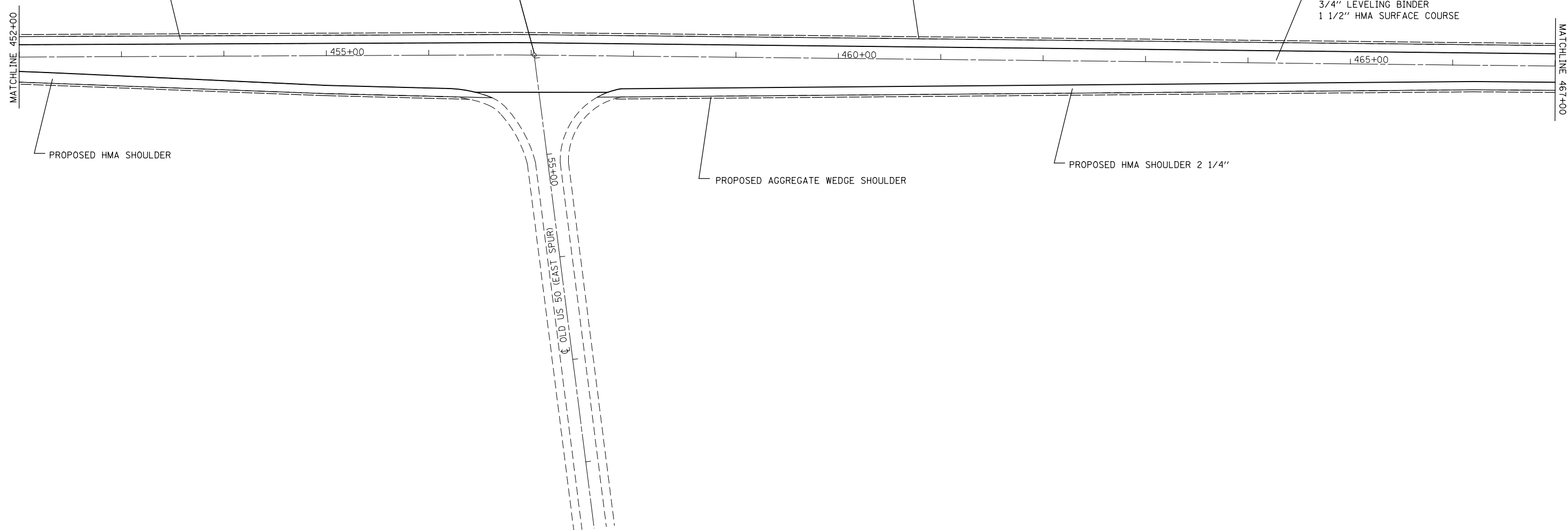


STA. 457+03 FAP 327  
 STA. 53+96.90 OLD US 50 (EAST SPUR)

PROPOSED HMA SHOULDER 2 1/4"

PROPOSED AGGREGATE WEDGE SHOULDER

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



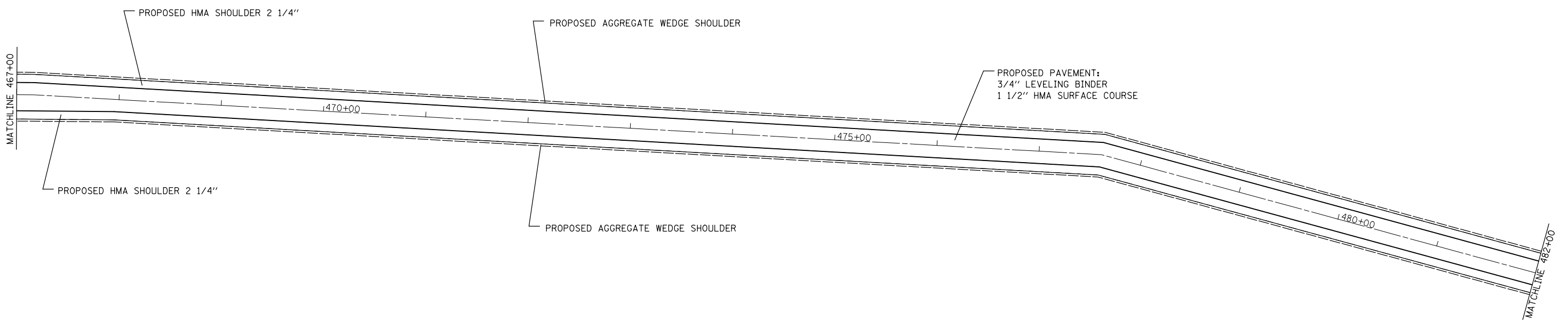
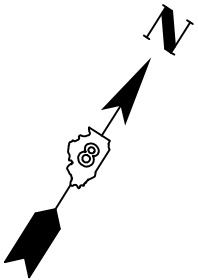
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PLAN VIEW</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	14
CONTRACT NO. 76B81			ILLINOIS FED. AID PROJECT	

• ST. CLAIR /CLINTON



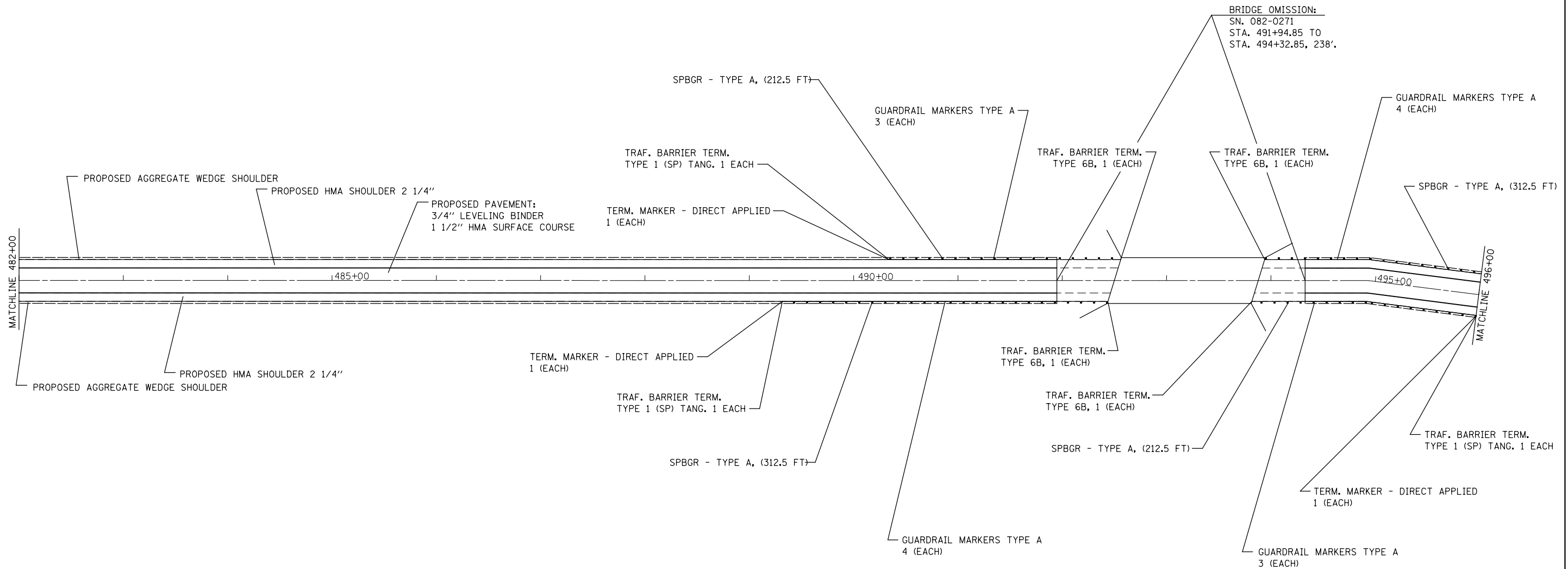
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN VIEW</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	15
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
<b>CONTRACT NO. 76B81</b>				

• ST. CLAIR /CLINTON



BRIDGE OMISSION:  
 SN. 082-0271  
 STA. 491+94.85 TO  
 STA. 494+32.85, 238'

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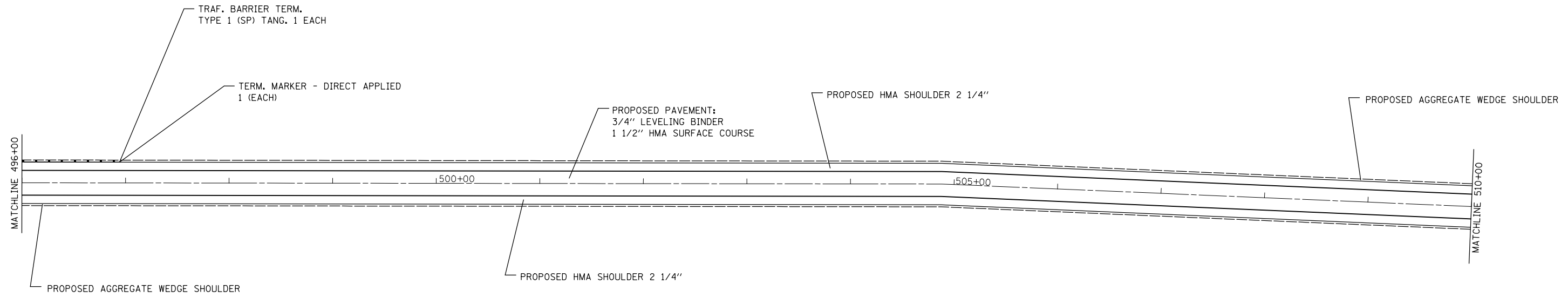
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PLAN VIEW</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	16
CONTRACT NO. 76B81				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

\* ST. CLAIR / CLINTON





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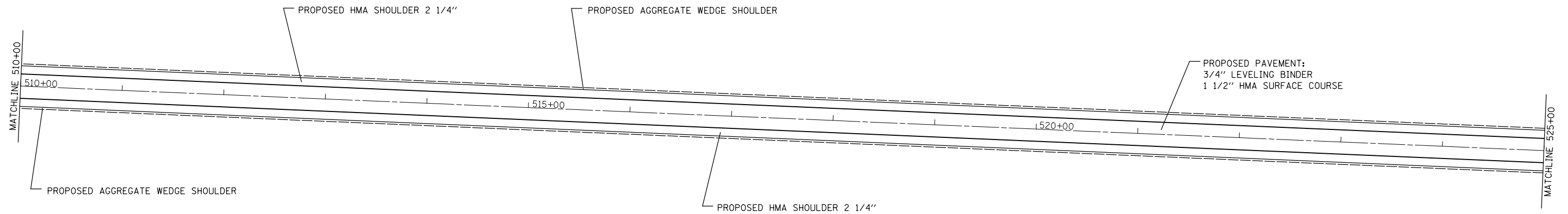
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN VIEW**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	17
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT			<b>CONTRACT NO. 76B81</b>	

• ST. CLAIR /CLINTON

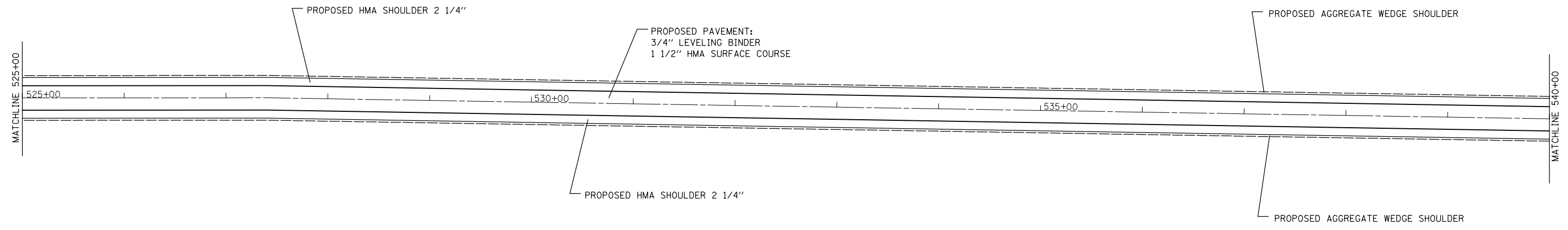


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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN VIEW</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

• ST. CLAIR /CLINTON				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	18
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 76B81	



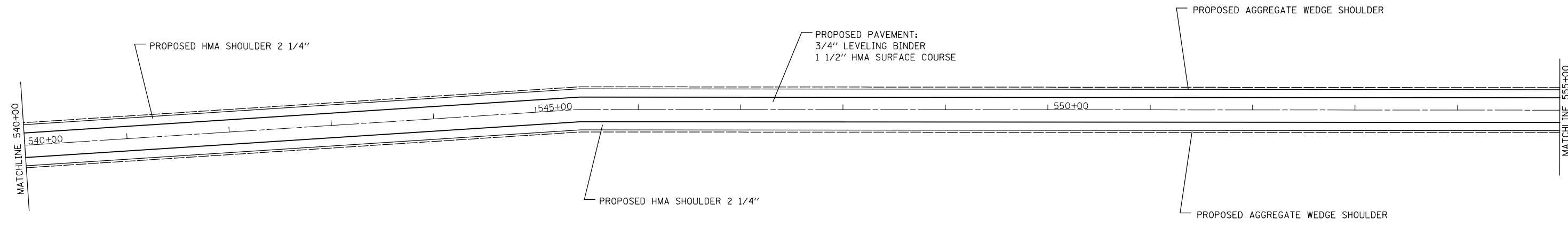
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN VIEW</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	19
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 76B81				

\* ST. CLAIR / CLINTON



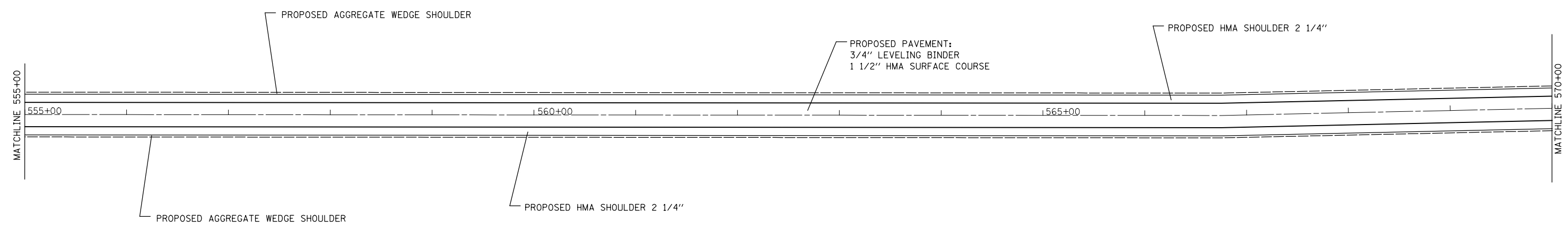
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN VIEW</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	20
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 76B81				

• ST. CLAIR /CLINTON

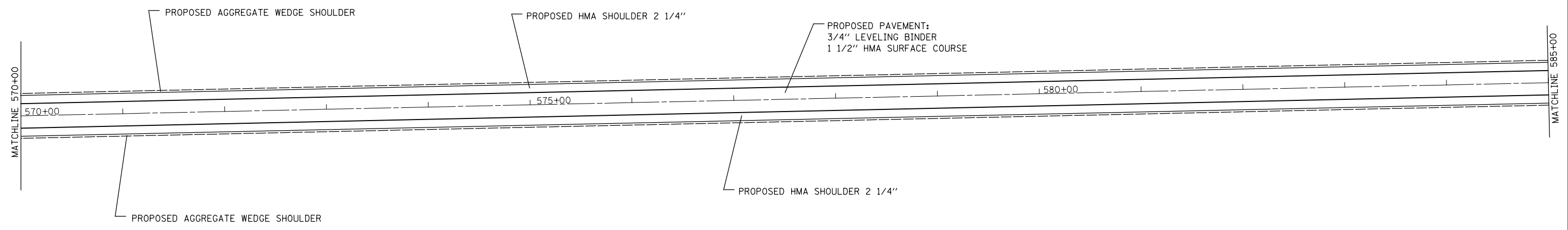
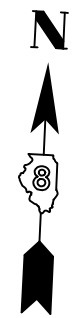


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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN VIEW</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

• ST. CLAIR /CLINTON				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	21
FED. ROAD DIST. NO.			CONTRACT NO. 76B81	
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = milleraj	DESIGNED -	REVISED -
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

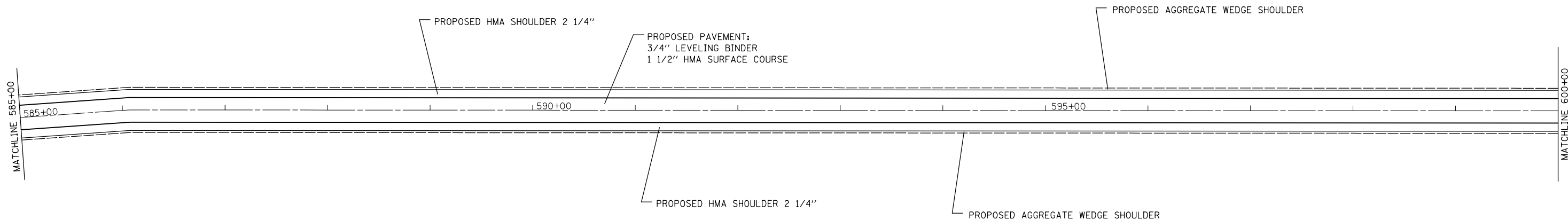
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN VIEW**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	22
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT			CONTRACT NO. 76881	

• ST. CLAIR /CLINTON

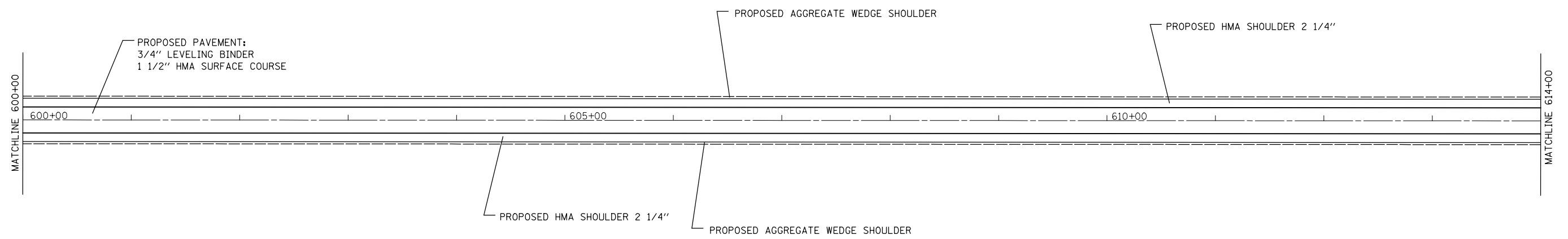


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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN VIEW</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

		<b>• ST. CLAIR /CLINTON</b>	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
327	(82-11,14-12)RS-1	•	64
		CONTRACT NO. 76B81	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	SHEET NO. 23



FILE NAME =	USER NAME = milleraj	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

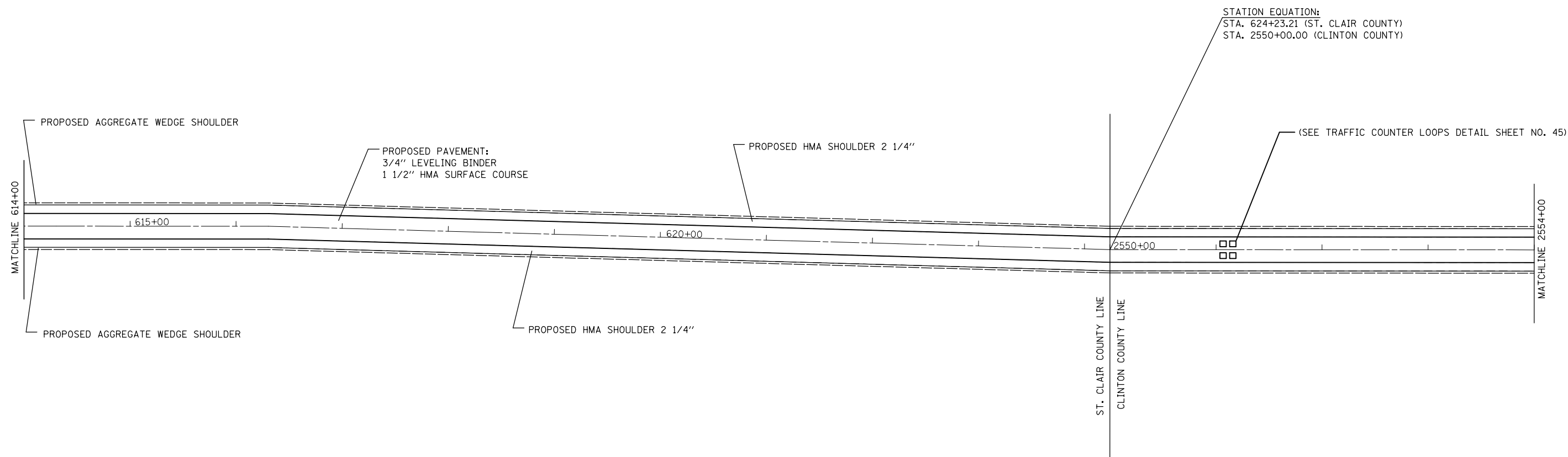
**PLAN VIEW**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	24
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
<b>CONTRACT NO. 76B81</b>				

• ST. CLAIR /CLINTON





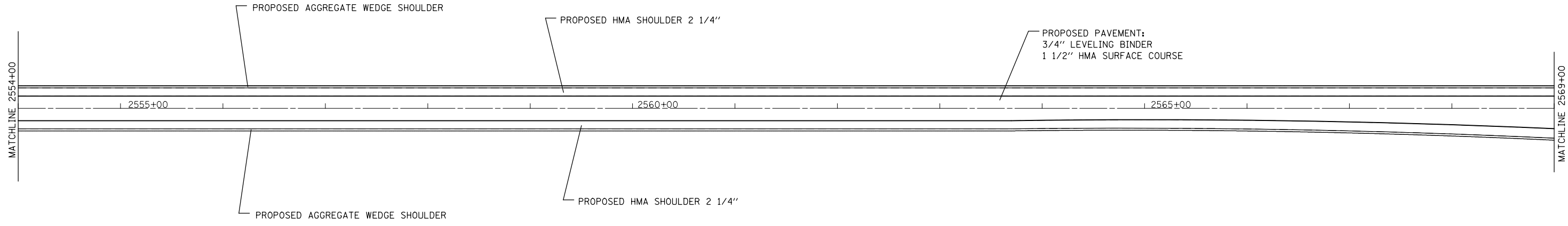
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN VIEW</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	25
CONTRACT NO. 76B81				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

\* ST. CLAIR / CLINTON



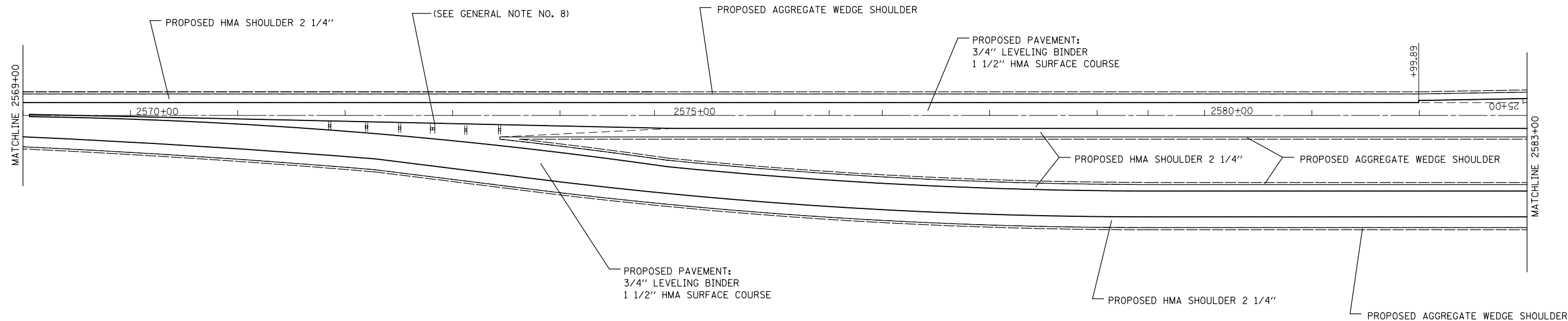
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN VIEW</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	26
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	

• ST. CLAIR /CLINTON



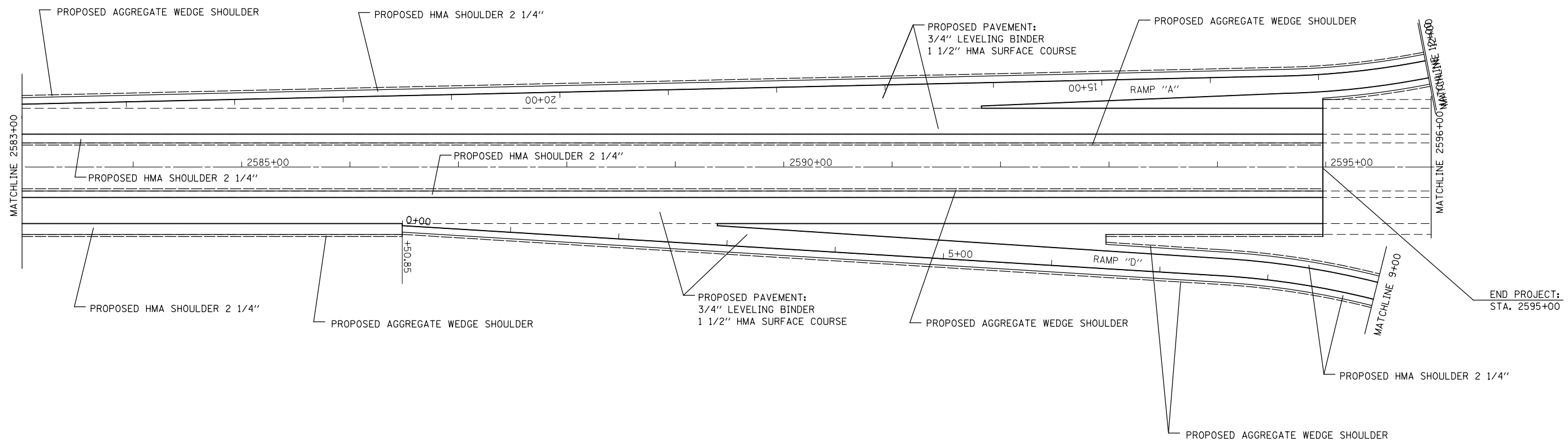
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN VIEW</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	27
CONTRACT NO. 76B81				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

• ST. CLAIR /CLINTON



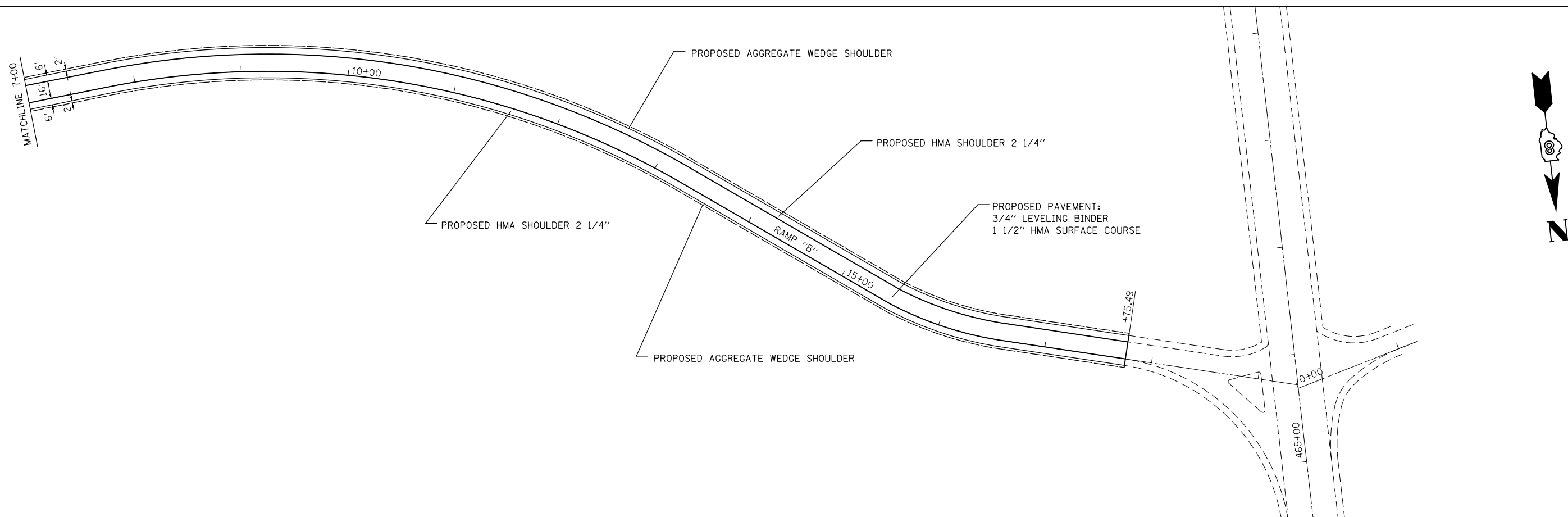
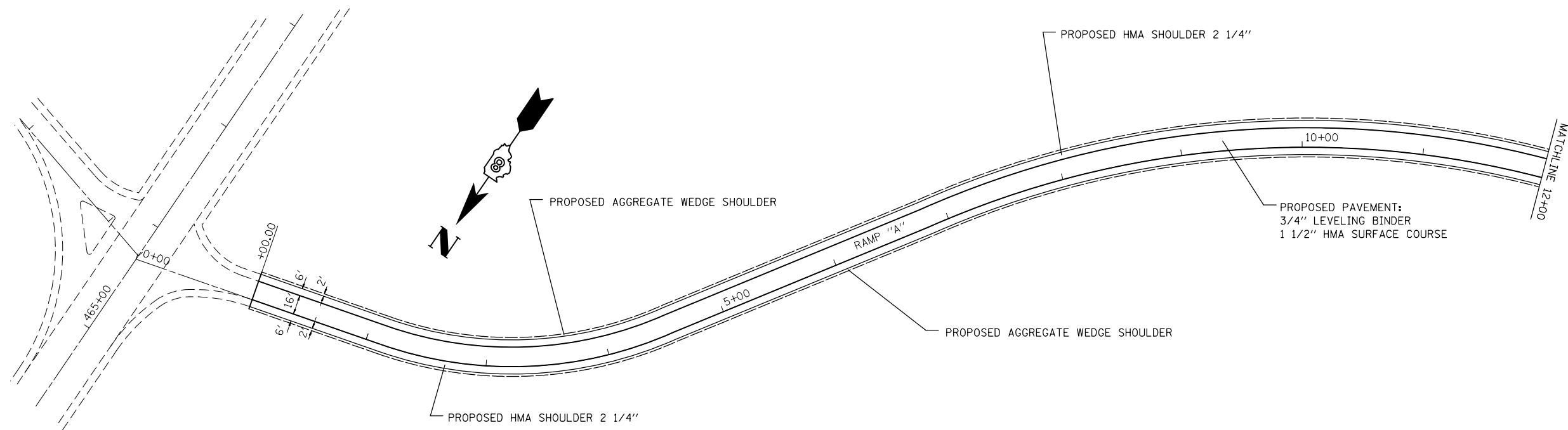
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN VIEW</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	28
CONTRACT NO. 76B81				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

• ST. CLAIR /CLINTON



FILE NAME =	USER NAME = milleraj	DESIGNED -	REVISED -
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

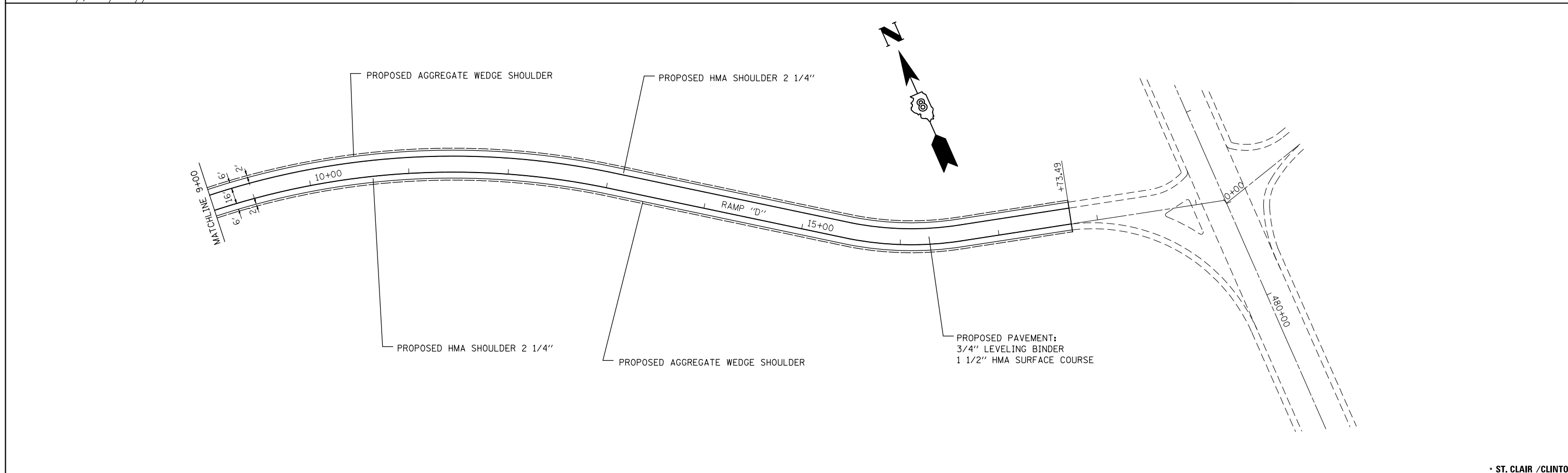
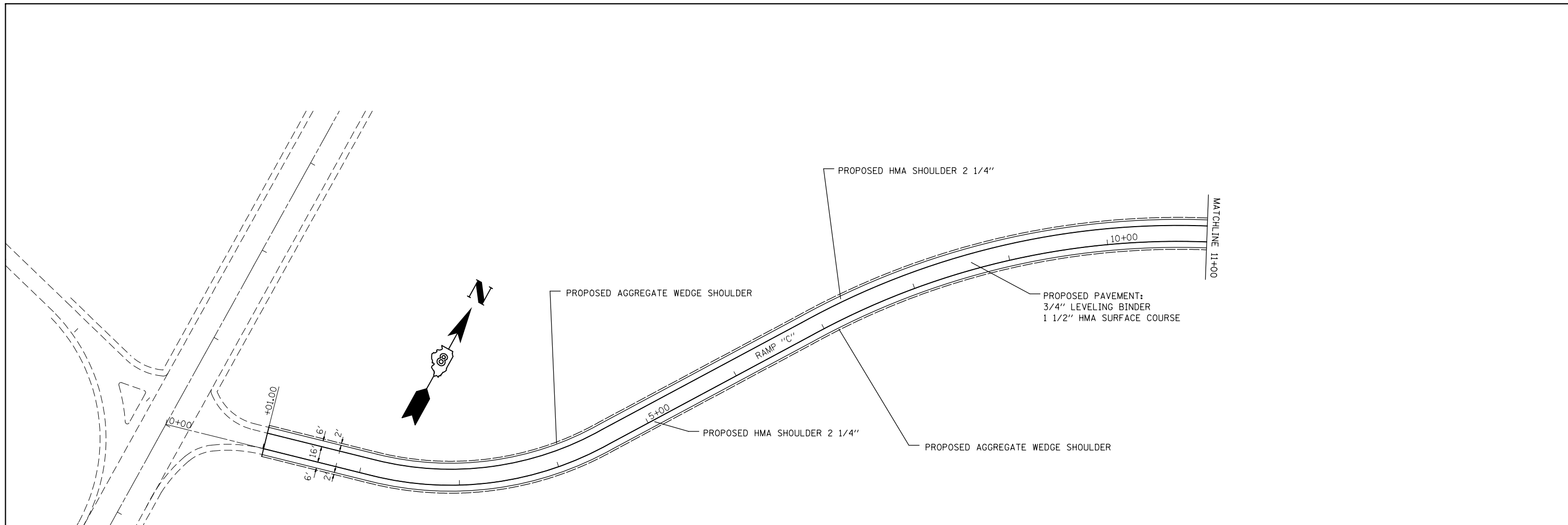
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN VIEW  
RAMP "A" AND RAMP "B"**

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

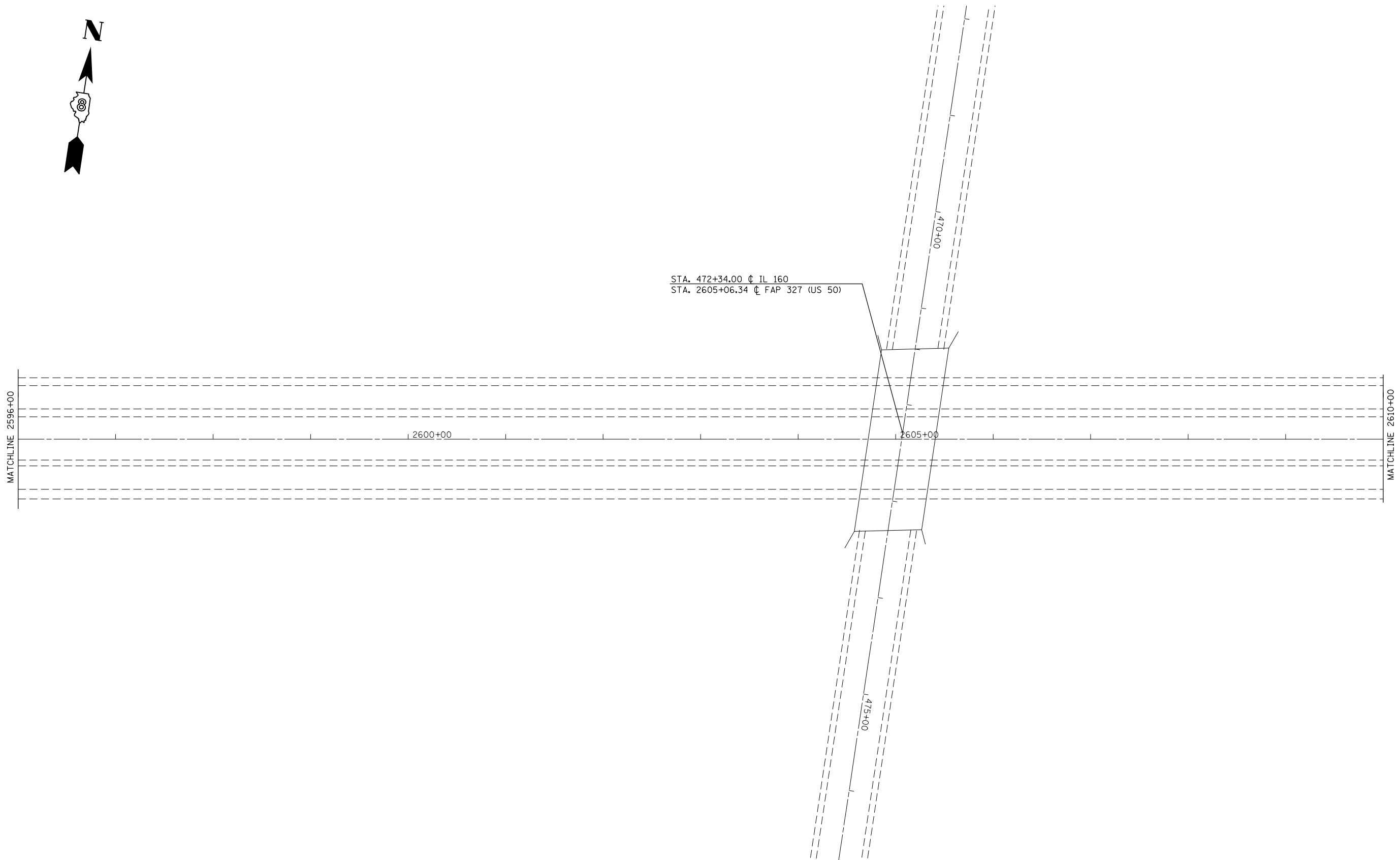
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	29
CONTRACT NO. 76B81				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

• ST. CLAIR /CLINTON



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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 = 12/23/2011				DATE -				REVISED -				CONTRACT NO. 76B81																					

• ST. CLAIR /CLINTON

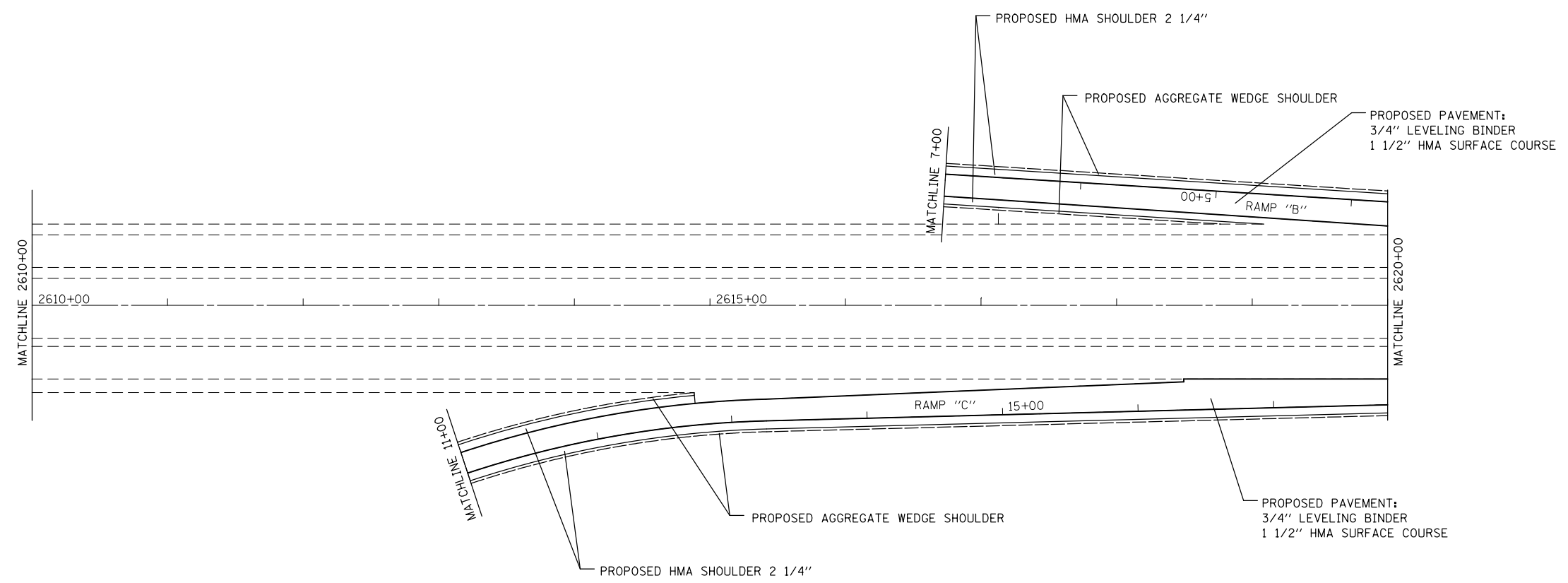


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	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN VIEW</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

		<b>• ST. CLAIR /CLINTON</b>	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
327	(82-11,14-12)RS-1	•	64
		<b>CONTRACT NO. 76B81</b>	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



FILE NAME =	USER NAME = milleraj	DESIGNED -	REVISED -
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

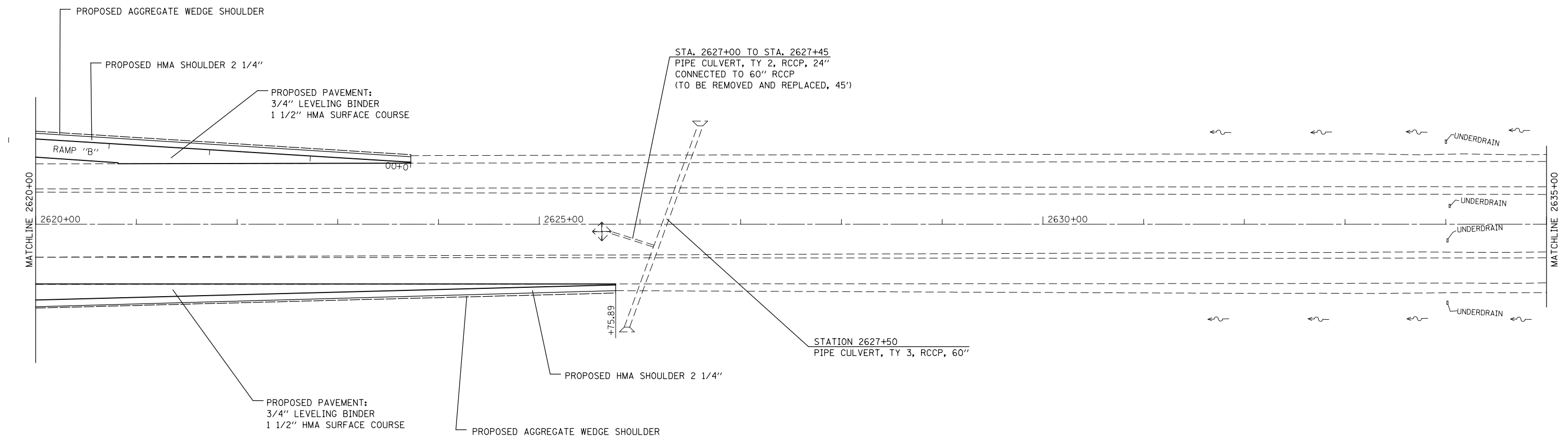
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN VIEW</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	32
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	

• ST. CLAIR /CLINTON





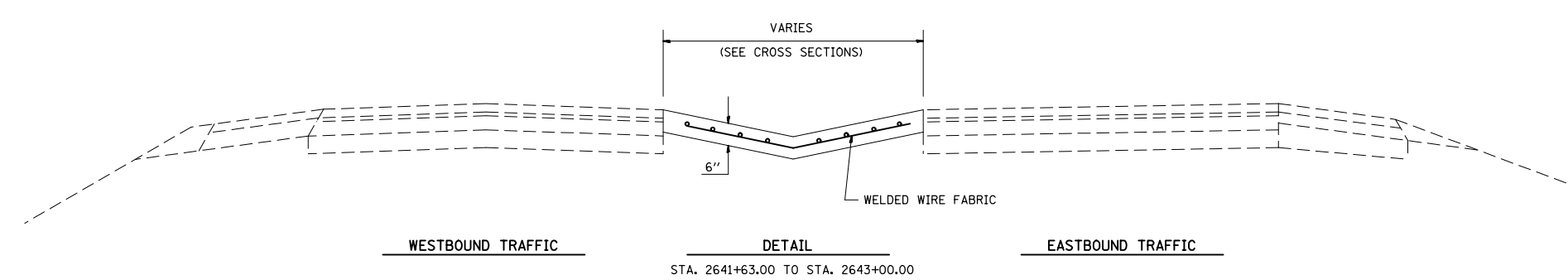
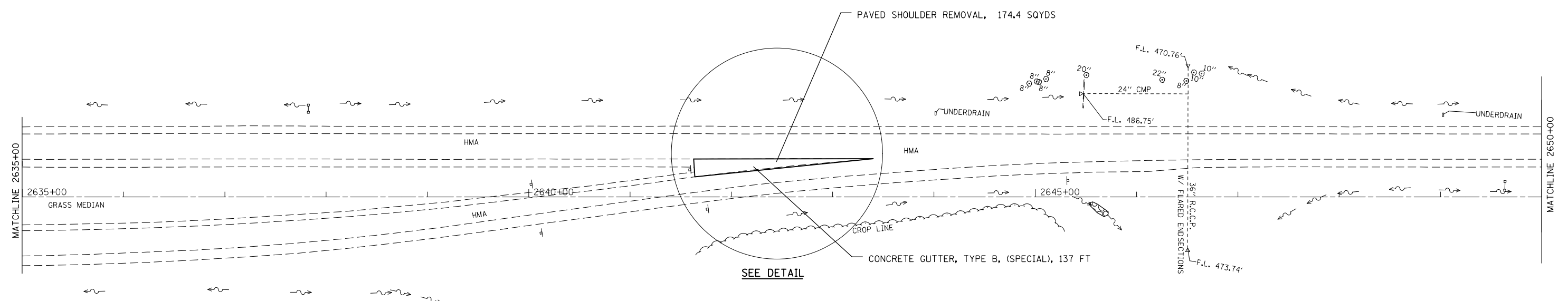
• ST. CLAIR /CLINTON

FILE NAME =	USER NAME = milleraj	DESIGNED -	REVISED -
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN VIEW</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	33
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	



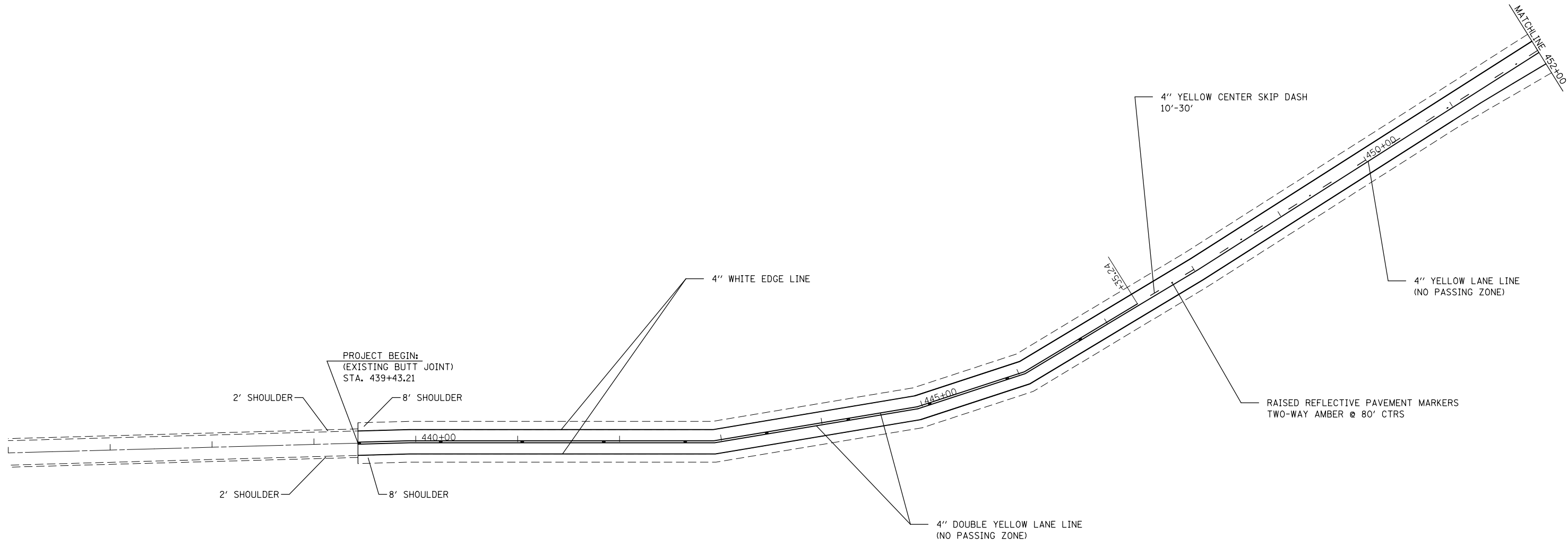
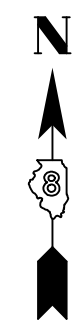
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PLAN VIEW</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	34
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 76B81				

• ST. CLAIR /CLINTON



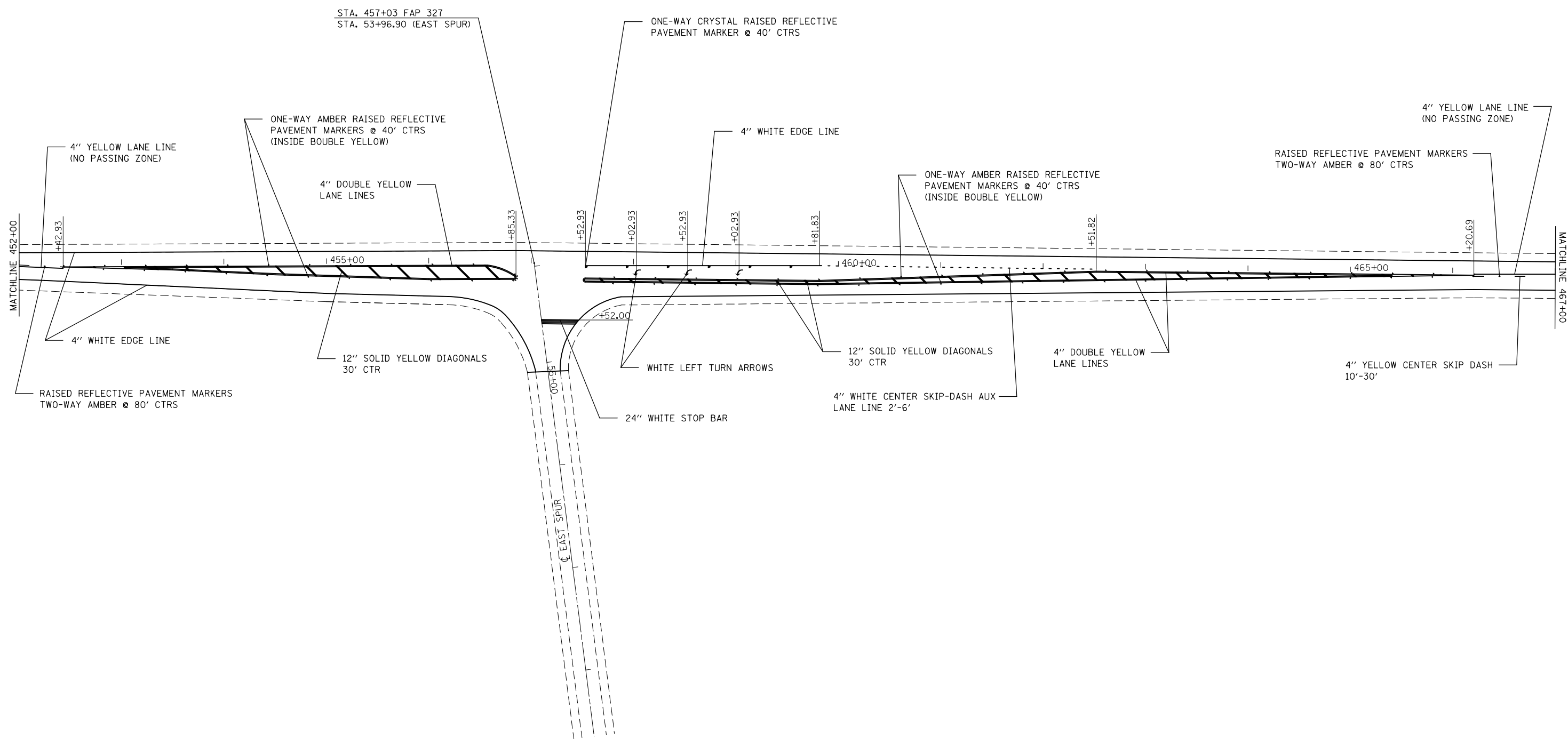
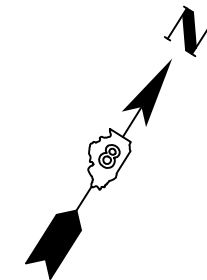
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	35
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 76B81	

• ST. CLAIR / CLINTON



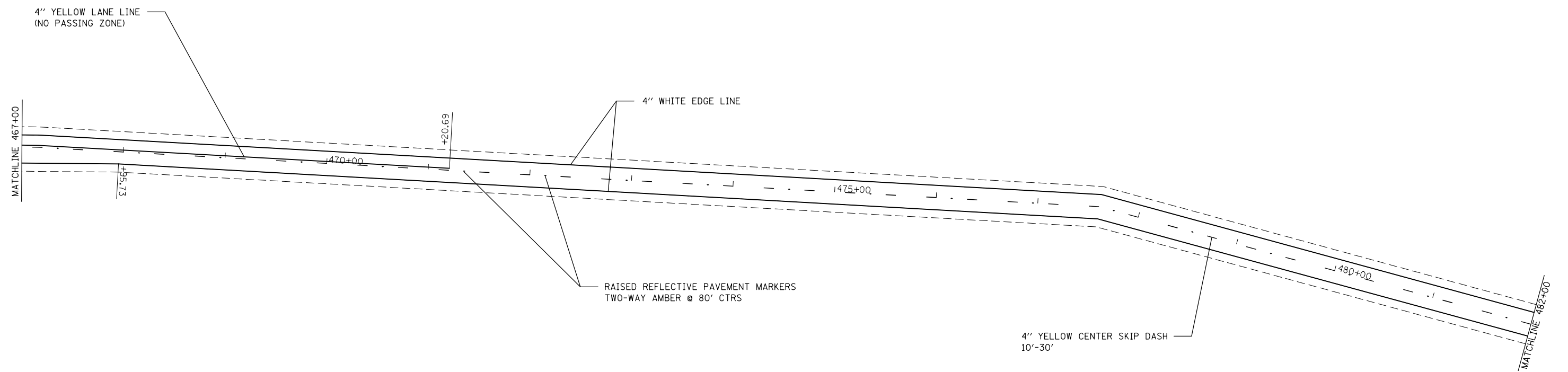
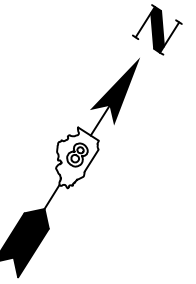
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	36
CONTRACT NO. 76B81				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• ST. CLAIR /CLINTON



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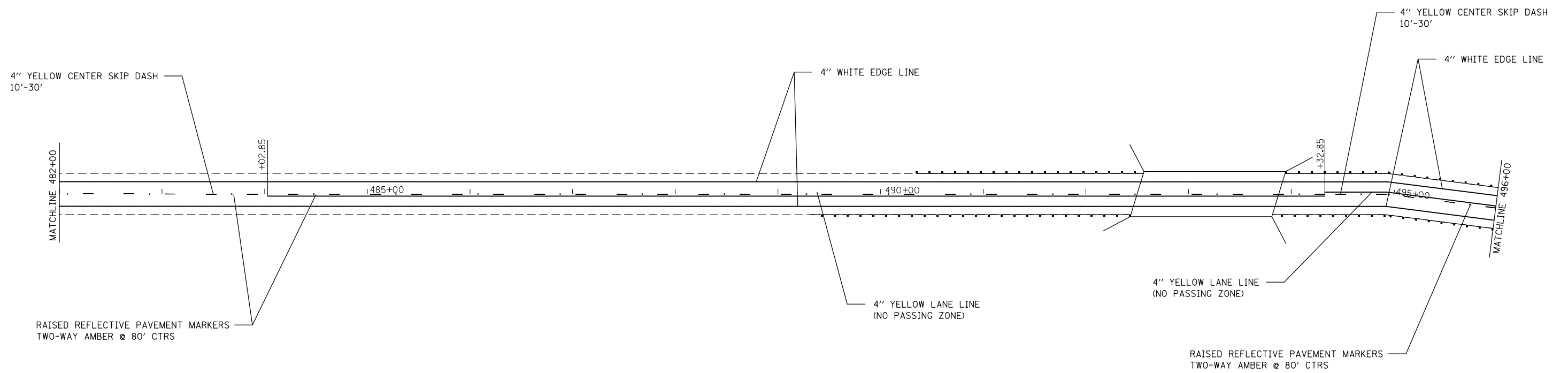
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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• ST. CLAIR /CLINTON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	37
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	



FILE NAME =	USER NAME = millerra	DESIGNED -	REVISED -
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

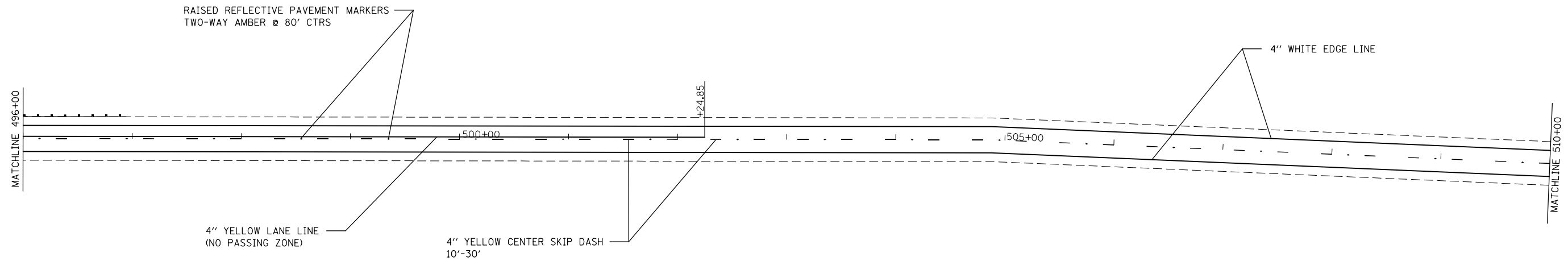
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	38
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	

\* ST. CLAIR / CLINTON



FILE NAME =	USER NAME = milleraj	DESIGNED -	REVISED -
et:\pw\work\p\dot\milleraj\d0119358\d87681-sht-planB.dgn		DRAWN -	REVISED -
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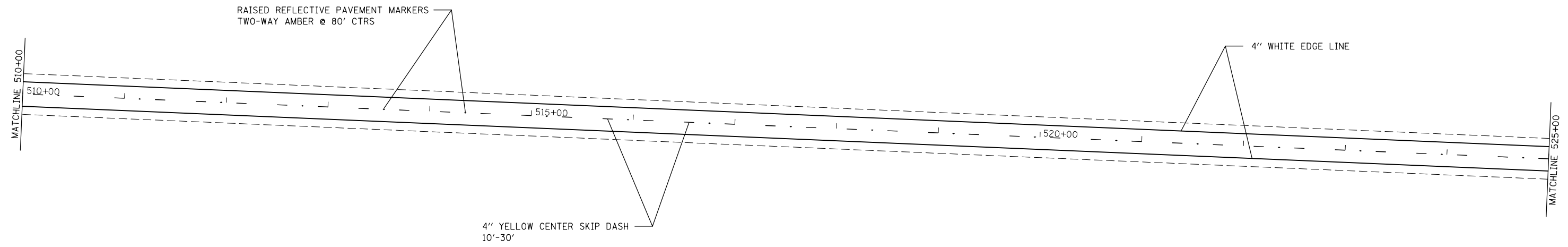
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	39
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	

• ST. CLAIR /CLINTON



FILE NAME =	USER NAME = milleraj	DESIGNED -	REVISED -
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

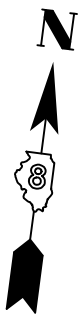
**PAVEMENT MARKING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	40
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 76B81	

• ST. CLAIR /CLINTON





RAISED REFLECTIVE PAVEMENT MARKERS  
TWO-WAY AMBER @ 80' CTRS

4" WHITE EDGE LINE

4" YELLOW CENTER SKIP DASH  
10'-30'

MATCHLINE 525+00

MATCHLINE 540+00

525+00

530+00

535+00

• ST. CLAIR /CLINTON

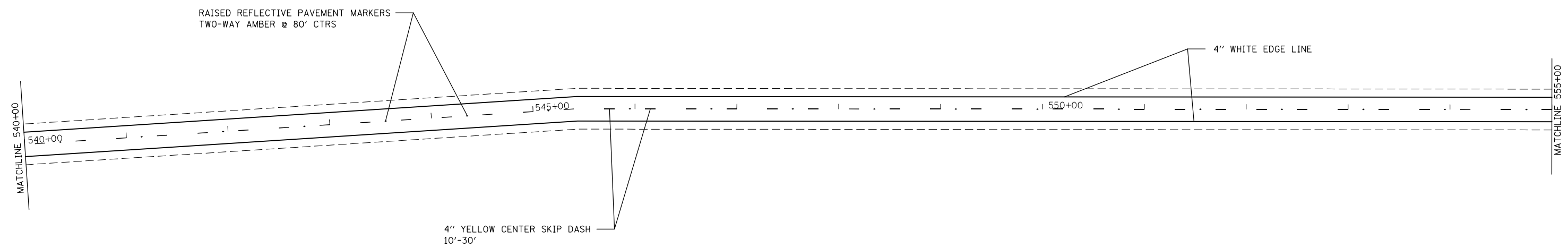
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	41
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	



RAISED REFLECTIVE PAVEMENT MARKERS  
TWO-WAY AMBER @ 80' CTRS

4" WHITE EDGE LINE

4" YELLOW CENTER SKIP DASH  
10'-30'

MATCHLINE 540+00

MATCHLINE 555+00

540+00

545+00

550+00

• ST. CLAIR /CLINTON

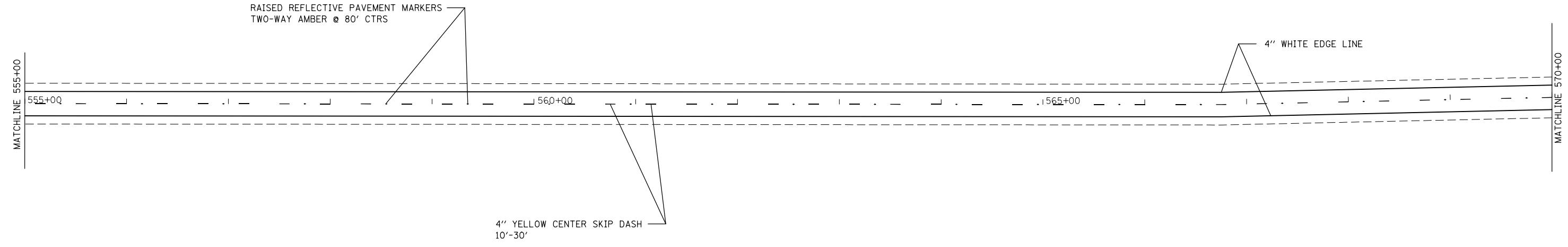
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	42
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	



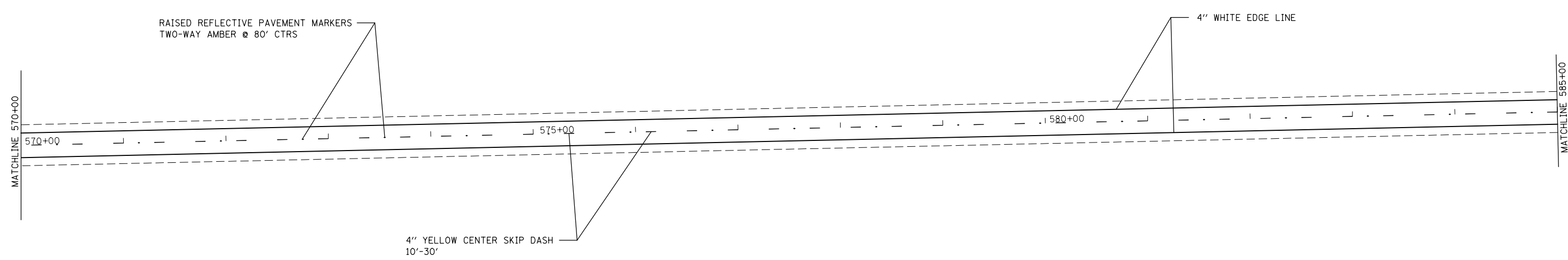
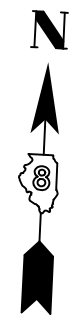
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING**

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

• ST. CLAIR /CLINTON				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	43
CONTRACT NO. 76B81				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FILE NAME =	USER NAME = milleraj	DESIGNED -	REVISED -
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

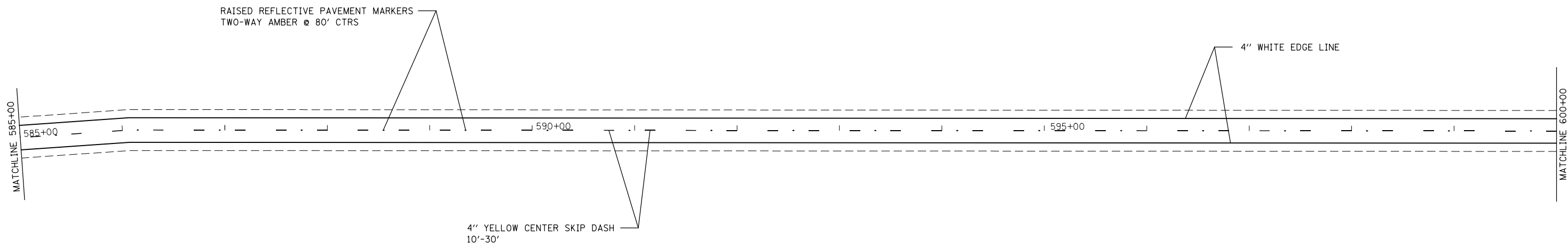
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	44
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	

• ST. CLAIR /CLINTON



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	PLOT DATE = 12/23/2011	DATE -	REVISED -

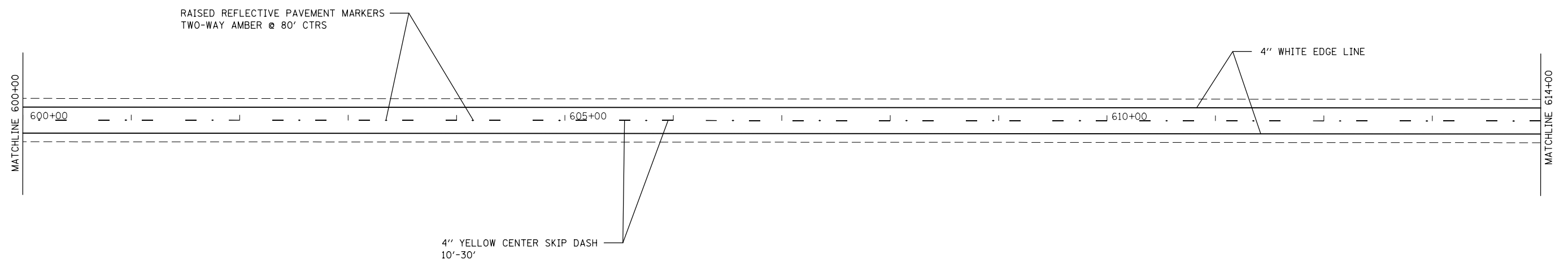
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	45
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
<b>CONTRACT NO. 76B81</b>				

• ST. CLAIR /CLINTON



• ST. CLAIR /CLINTON

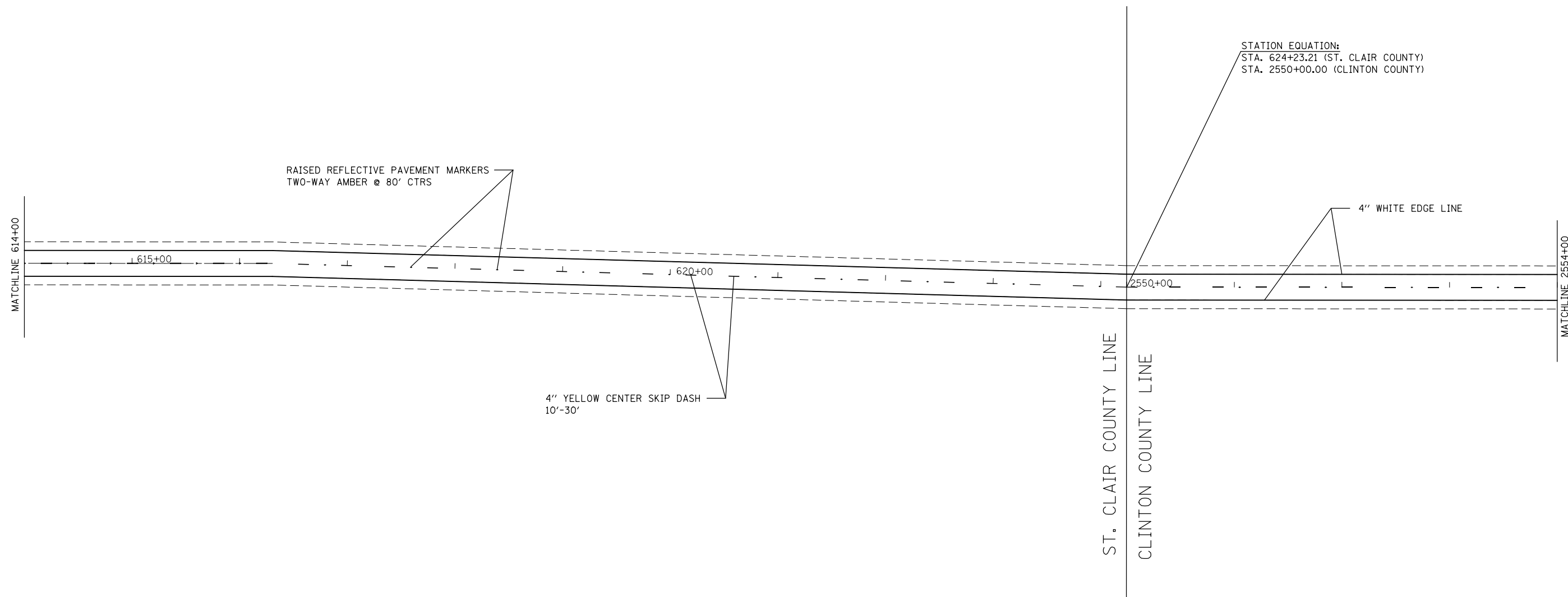
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	•	64	46
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	



STATION EQUATION:  
 STA. 624+23.21 (ST. CLAIR COUNTY)  
 STA. 2550+00.00 (CLINTON COUNTY)

RAISED REFLECTIVE PAVEMENT MARKERS  
 TWO-WAY AMBER @ 80' CTRS

4" WHITE EDGE LINE

4" YELLOW CENTER SKIP DASH  
 10'-30'

ST. CLAIR COUNTY LINE  
 CLINTON COUNTY LINE

FILE NAME =	USER NAME = milleraj	DESIGNED -	REVISED -
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING

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

		• ST. CLAIR /CLINTON	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
327	(82-11,14-12)RS-1	*	64
		CONTRACT NO. 76B81	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	SHEET NO. 47



RAISED REFLECTIVE PAVEMENT MARKERS  
TWO-WAY AMBER @ 80' CTRS

4" WHITE EDGE LINE

MATCHLINE 2554+00

2555+00

2560+00

2565+00

MATCHLINE 2569+00

4" YELLOW CENTER SKIP DASH  
10'-30'

4" YELLOW LANE LINE  
(NO PASSING ZONE)

+06.10

• ST. CLAIR /CLINTON

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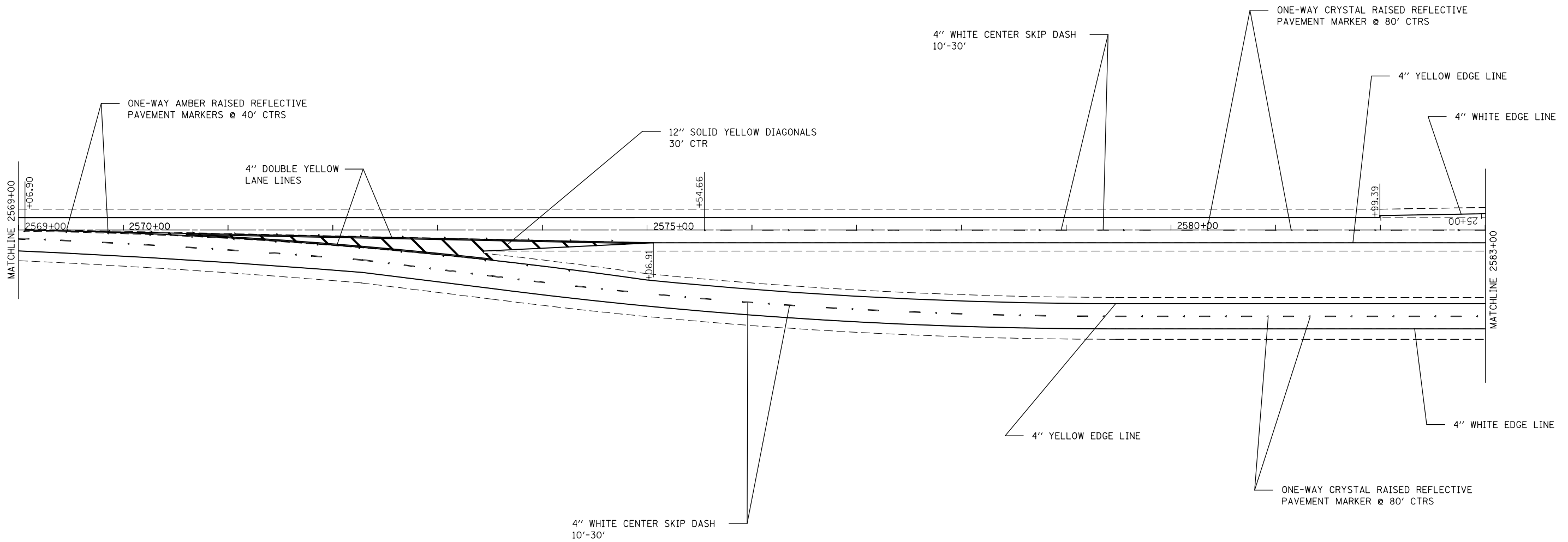
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	48
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	





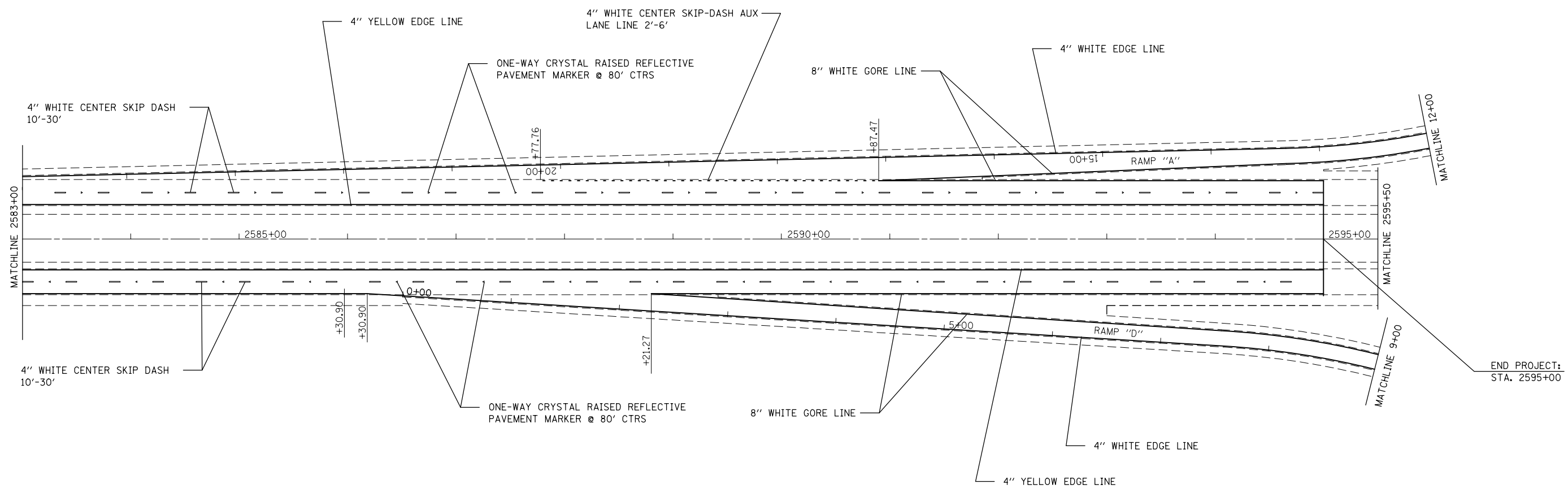
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	49
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	

• ST. CLAIR /CLINTON



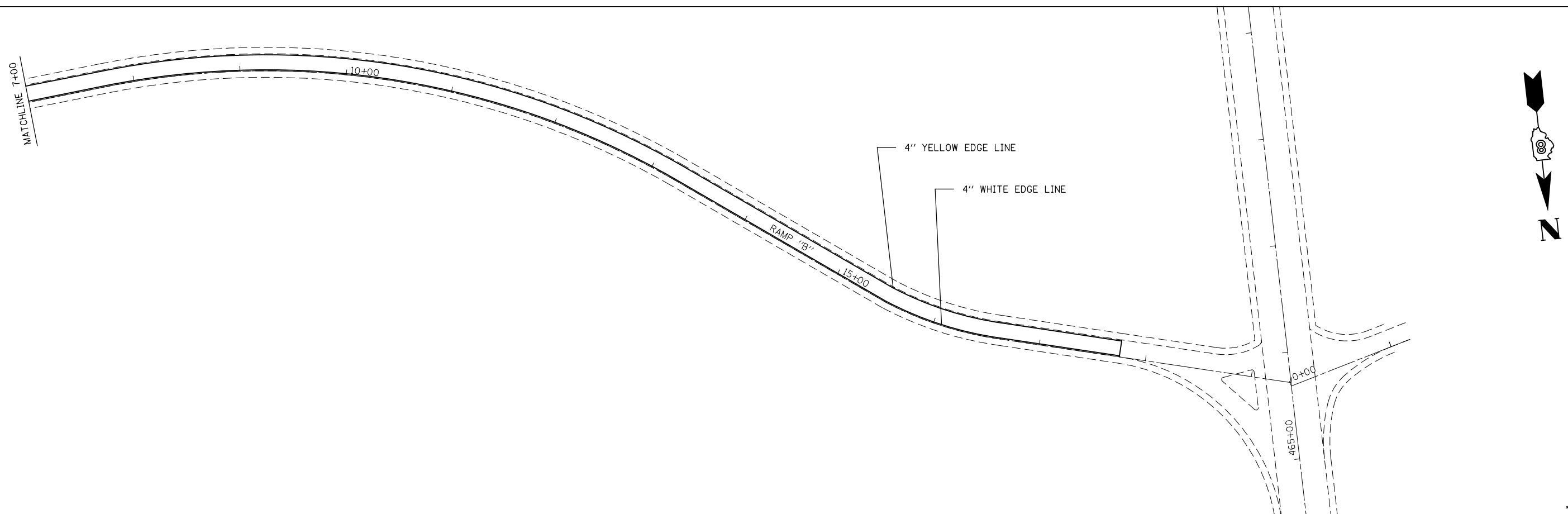
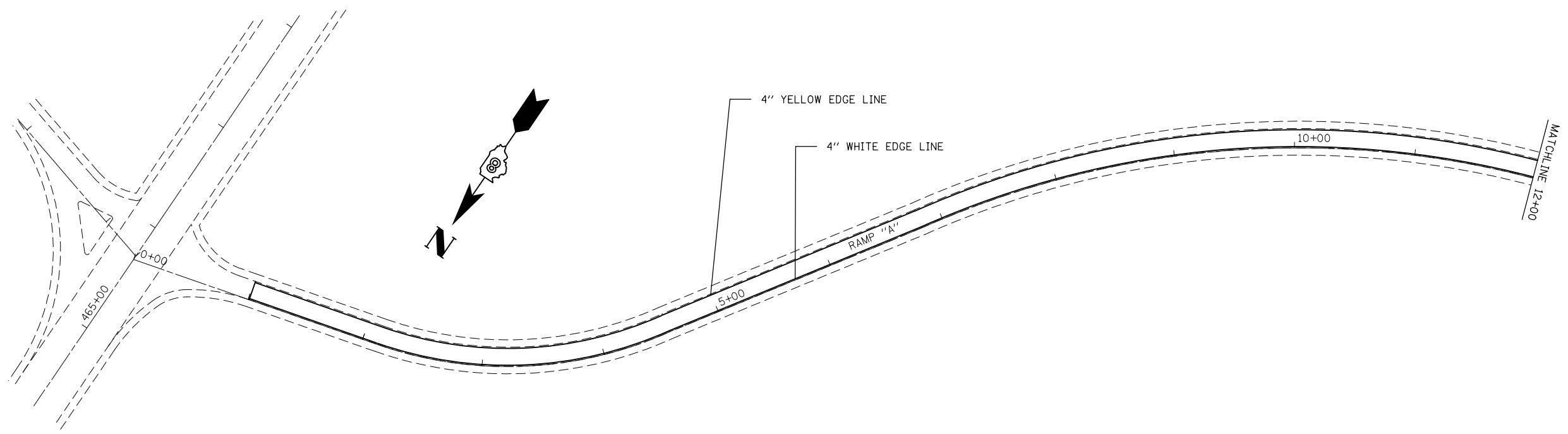
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	50
CONTRACT NO. 76B81				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

• ST. CLAIR /CLINTON



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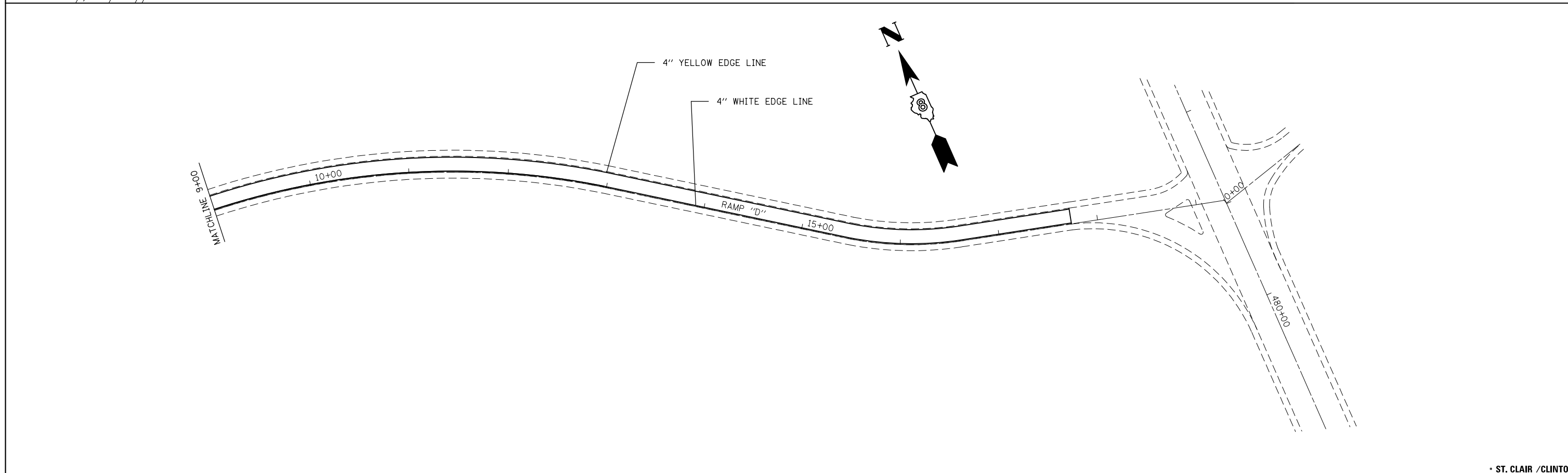
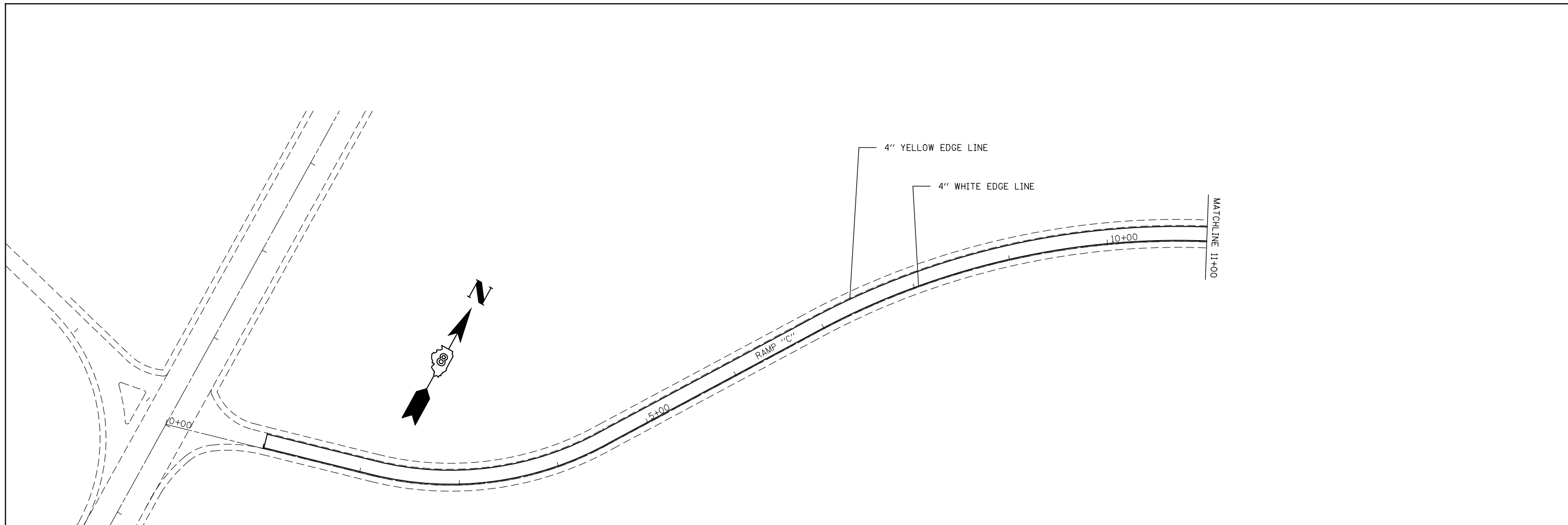
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING  
RAMP "A" AND RAMP "B"**

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

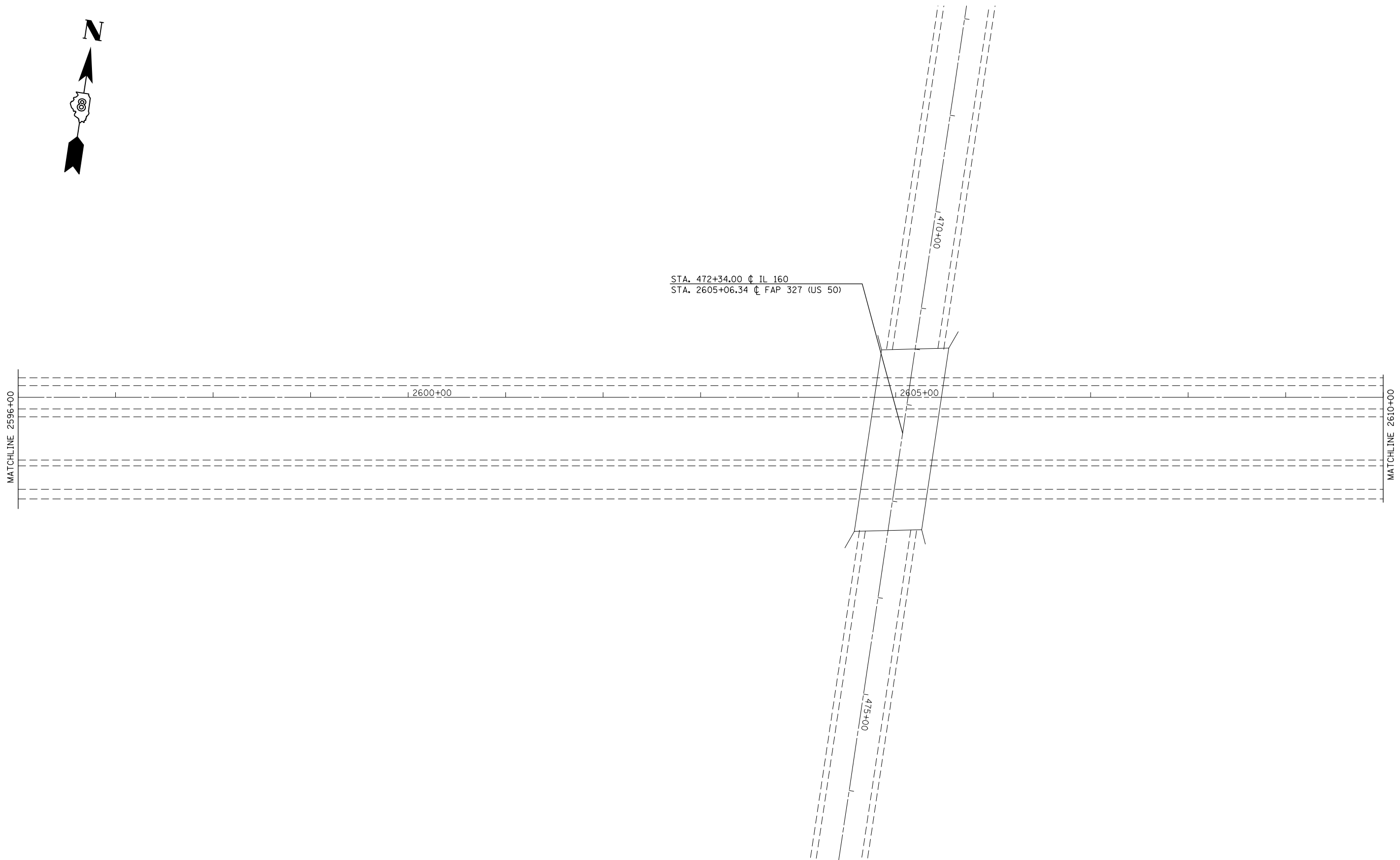
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	51
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	

• ST. CLAIR /CLINTON



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PLOT SCALE = 100.0000' / in.				CHECKED -				REVISED -				SCALE:												SHEET NO.		OF SHEETS		STA.		TO STA.		CONTRACT NO. 76B81			
PLOT DATE = 12/23/2011				DATE -				REVISED -				FED. ROAD DIST. NO.												ILLINOIS FED. AID PROJECT											

• ST. CLAIR /CLINTON



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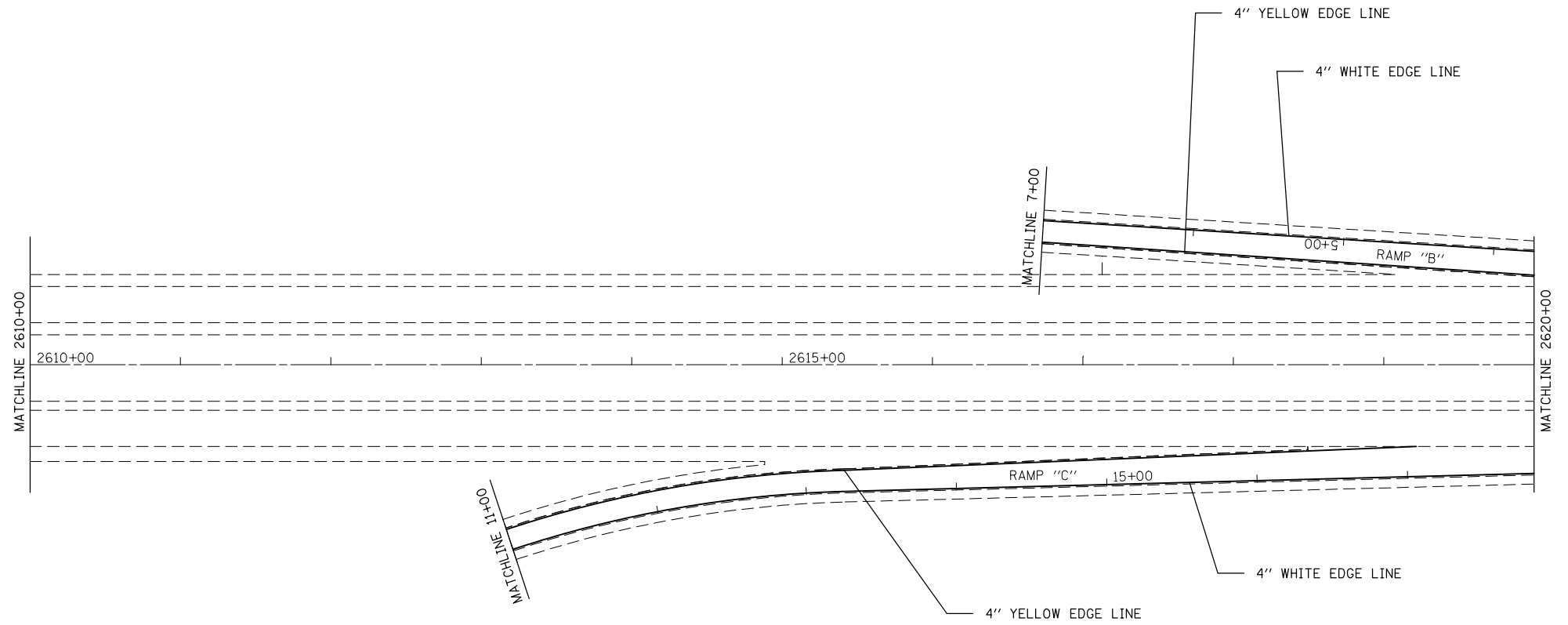
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT\_MARKING**

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

• ST. CLAIR /CLINTON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	53
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	



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	PLOT DATE = 12/23/2011	DATE -	REVISED -

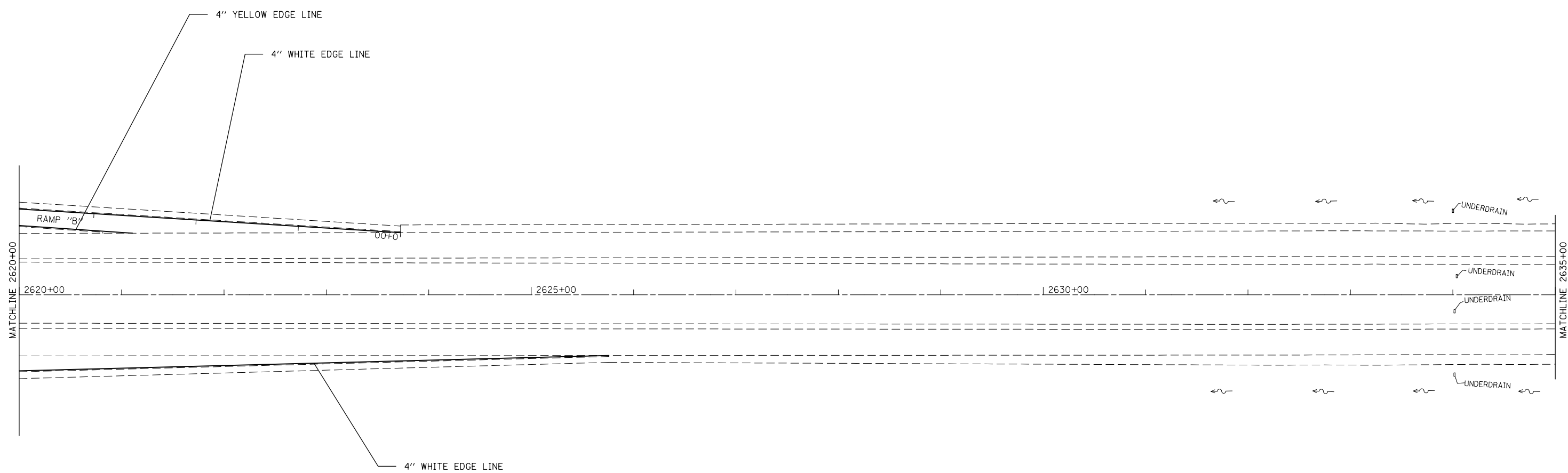
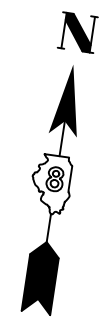
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT\_MARKING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	54
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B81	

• ST. CLAIR /CLINTON



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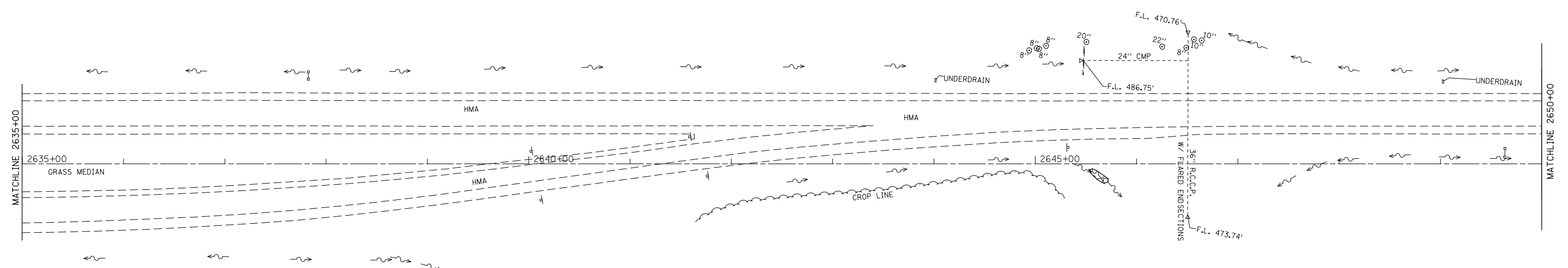
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT\_MARKING**

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

F.A.P. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327		(82-11,14-12)RS-1	*	64	55
FED. ROAD DIST. NO.				ILLINOIS FED. AID PROJECT	
				CONTRACT NO. 76881	

• ST. CLAIR /CLINTON



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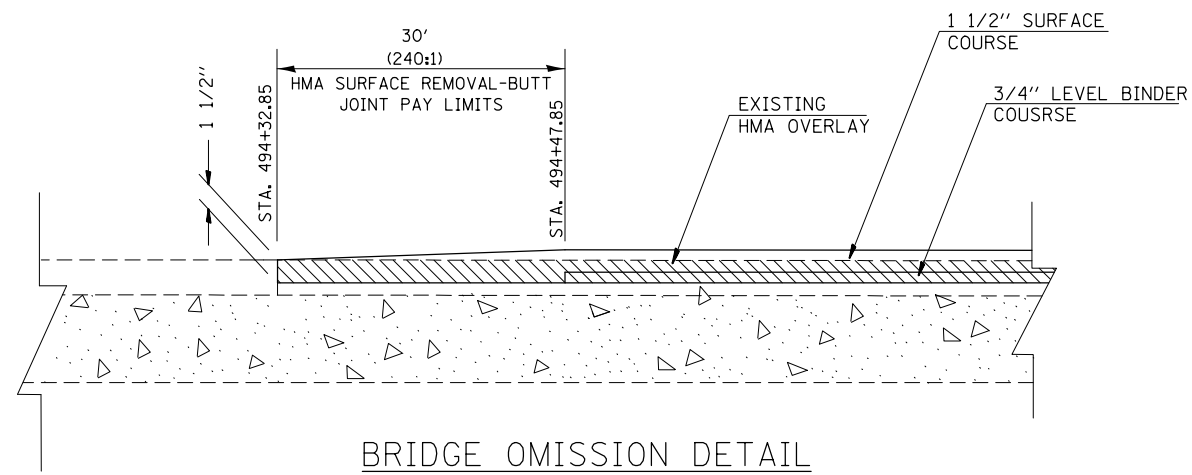
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

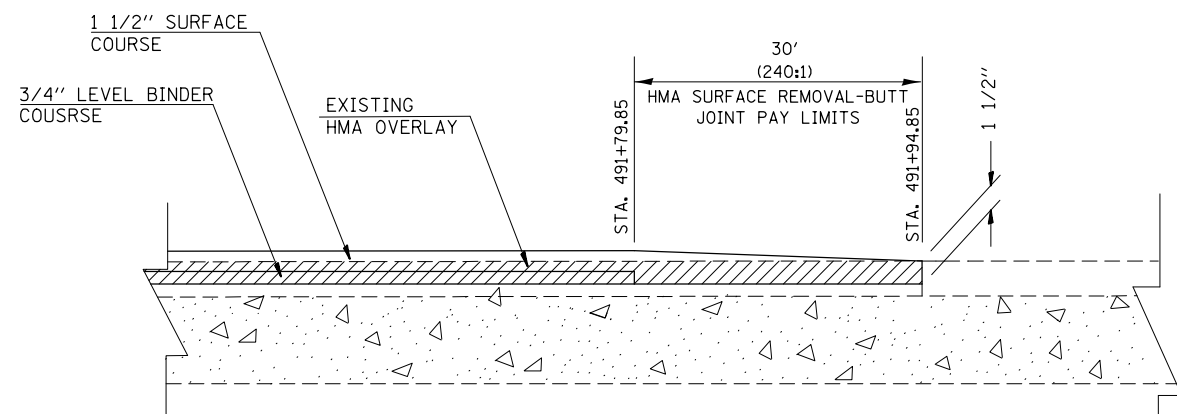
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	56
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 76B81				

• ST. CLAIR /CLINTON

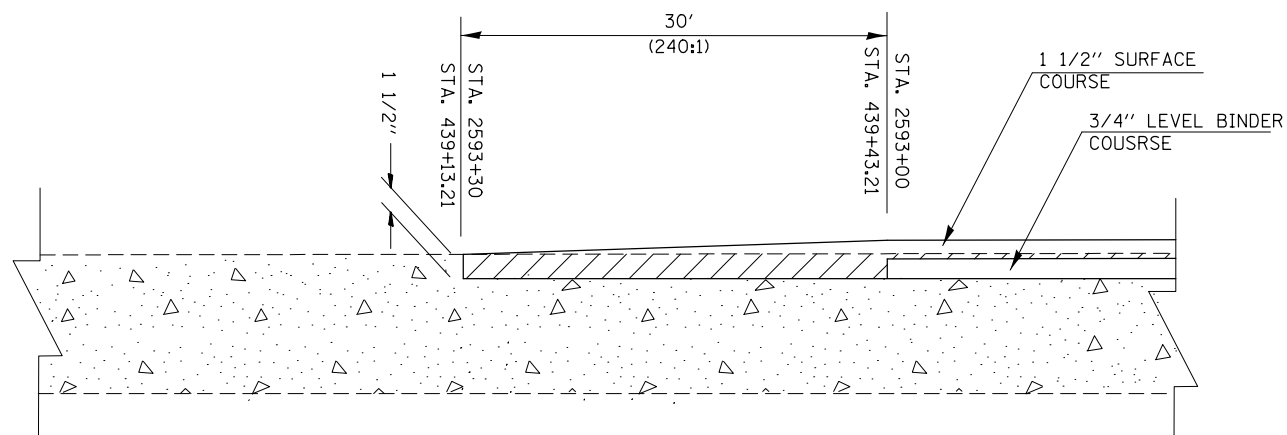




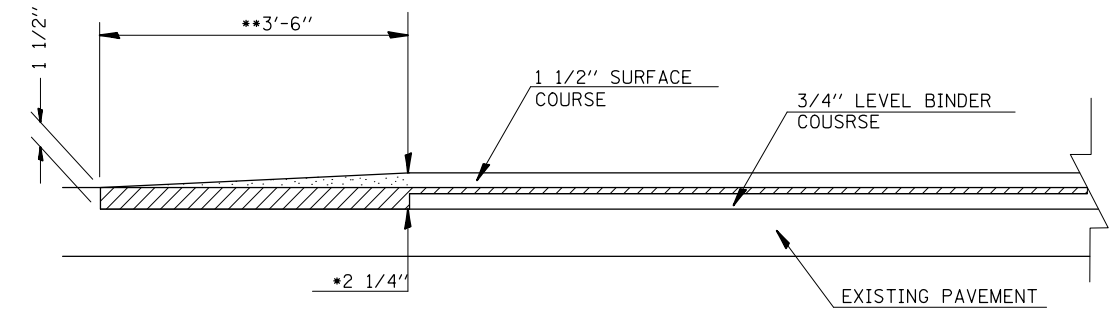
BRIDGE OMISSION DETAIL  
S.N. 082-0271



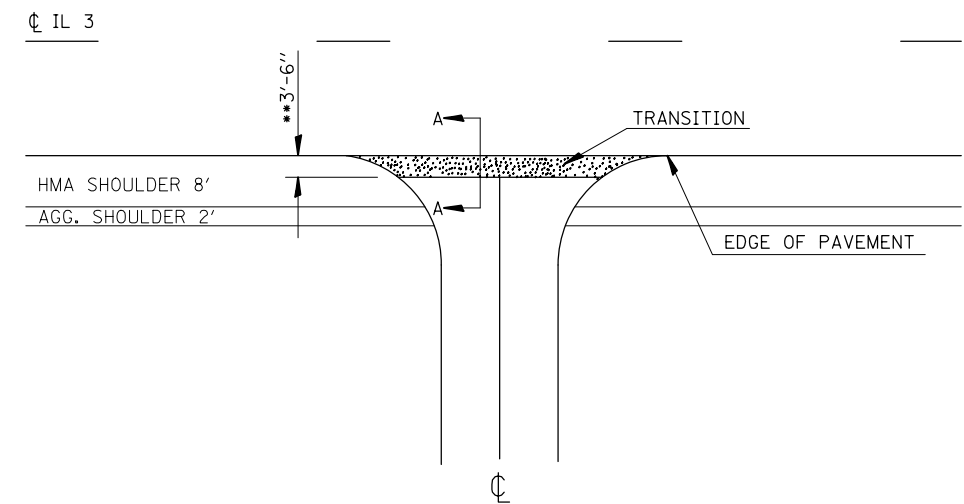
BRIDGE OMISSION DETAIL  
S.N. 082-0271



BUTT JOINT DETAIL  
BEGINING & ENDING (EB/WB) OF PROJECT  
STA. 439+43.21  
STA. 2593+00 (EB/WB)



TRANSITION DETAIL  
SECTION A-A



SIDEROAD DETAIL  
FAP 327 (US 50)  
STA. 457+03  
OLD US 50 (EAST SPUR)  
STA. 53+96.90

*EOP ELEVATION CHANGE	**TOTAL TRANSITION LENGTH
3/4"	3.5'
1"	5'
1-1/2"	7.5'
2"	10'
2-1/2"	12.5'
3"	15'
3-1/2"	17.5'
4"	20'
4-1/2"	22.5'
5"	25'
5-1/2"	27.5'
6"	30'

NOTE:  
WHERE THE HMA TRANSITION IS MATCHING INTO AN EXISTING HMA SIDE ROAD SURFACE, A MILLED BUTT JOINT SHALL BE CONSTRUCTED WITHIN THE LIMITS OF THE TOTAL TRANSITION LENGTH ON THE LOCAL ROUTE.

FILE NAME =	USER NAME = millerra	DESIGNED -	REVISED -
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	PLOT DATE = 12/23/2011	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

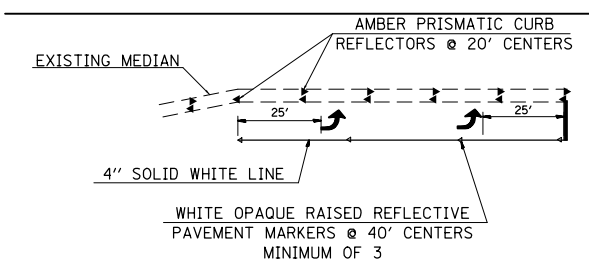
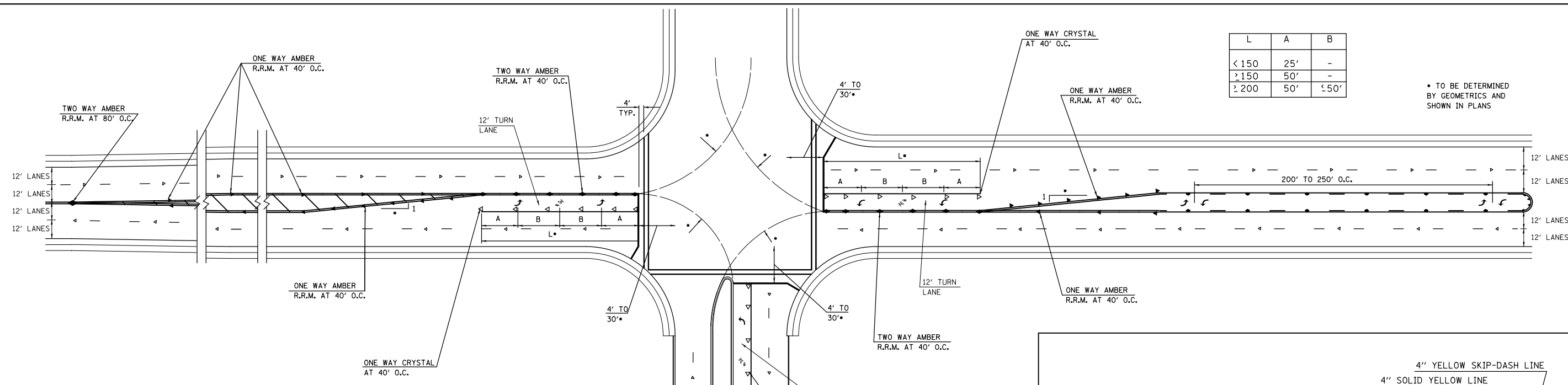
BUTT JOINT DETAILS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	57
CONTRACT NO. 76B81				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

• ST. CLAIR /CLINTON

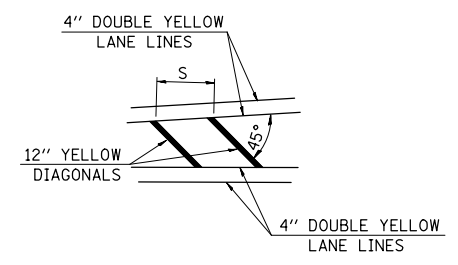
L	A	B
< 150	25'	-
≥ 150	50'	-
≥ 200	50'	≤ 50'

• TO BE DETERMINED BY GEOMETRICS AND SHOWN IN PLANS

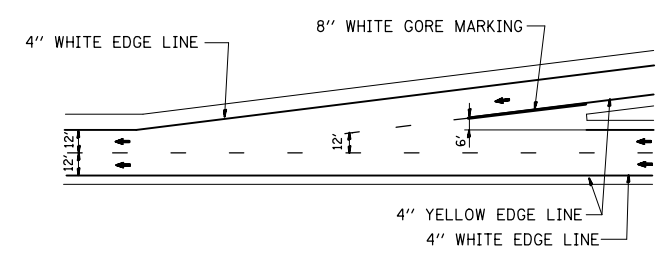


TYPICAL APPLICATION FOR LEFT TURN LANE WITH PRISMATIC CURB REFLECTORS  
**DETAIL 'D'**

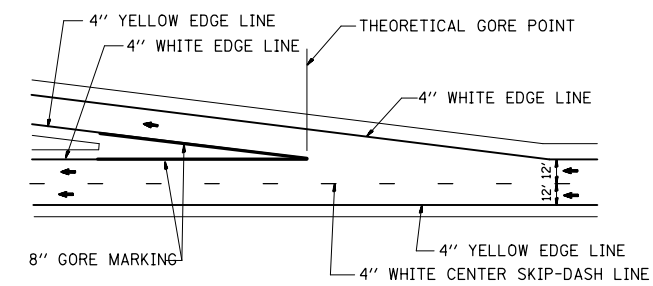
SPEED	CHANNELIZATION & GORES	OBJECTS	CONTINUOUS
< 30 MPH	15'	10'	50'
30-45 MPH	20'	15'	75'
> 45 MPH	30'	20'	150'



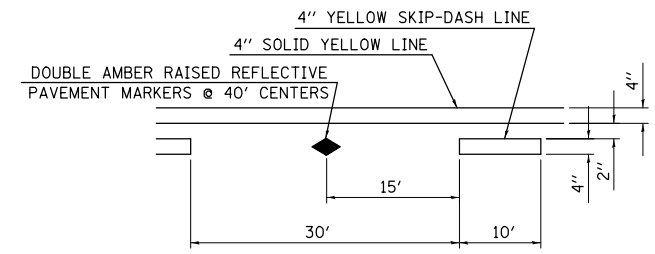
TYPICAL APPLICATION FOR MEDIAN STRIPING



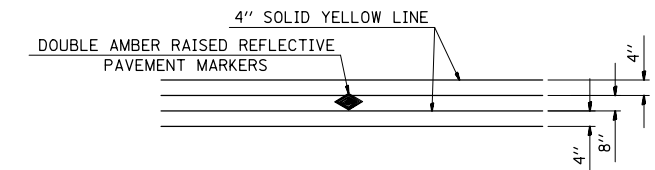
TYPICAL ENTRANCE RAMP MARKINGS



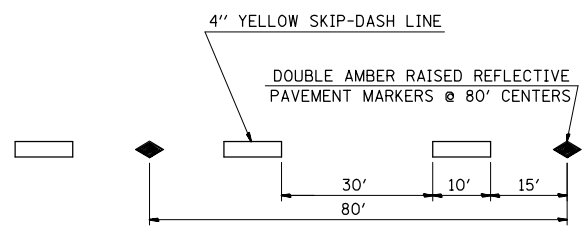
TYPICAL EXIT RAMP MARKINGS



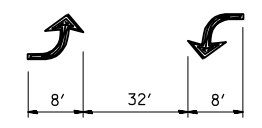
TYPICAL APPLICATION FOR BI-DIRECTIONAL TURN LANE WITH RAISED REFLECTIVE PAVEMENT MARKERS



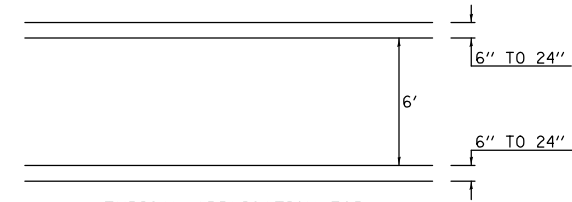
TYPICAL APPLICATION FOR DOUBLE YELLOW LANE LINES WITH RAISED REFLECTIVE PAVEMENT MARKERS



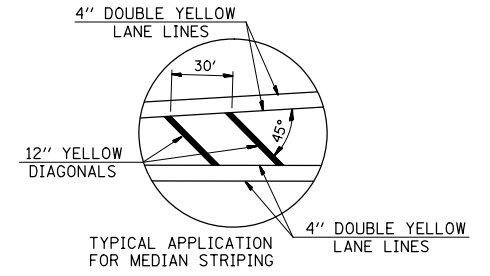
TYPICAL APPLICATION FOR YELLOW SKIP-DASH LINES WITH RAISED REFLECTIVE PAVEMENT MARKERS



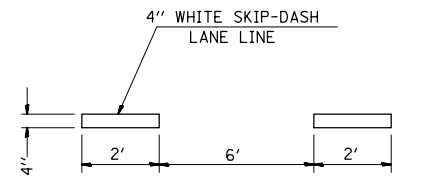
BI-DIRECTIONAL TURN ARROW @ 200' O. C.



TYPICAL APPLICATION FOR PEDESTRIAN CROSSWALK



TYPICAL APPLICATION FOR MEDIAN STRIPING



TYPICAL APPLICATION FOR WHITE AUX SKIP-DASH LANE LINES

**DETAIL 'A'**  
NOT TO SCALE

FILE NAME =	USER NAME = milleraj	DESIGNED -	REVISED -
et:\pw\work\p\midot\milleraj\d0119358\d878\81-sht-planB.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS**

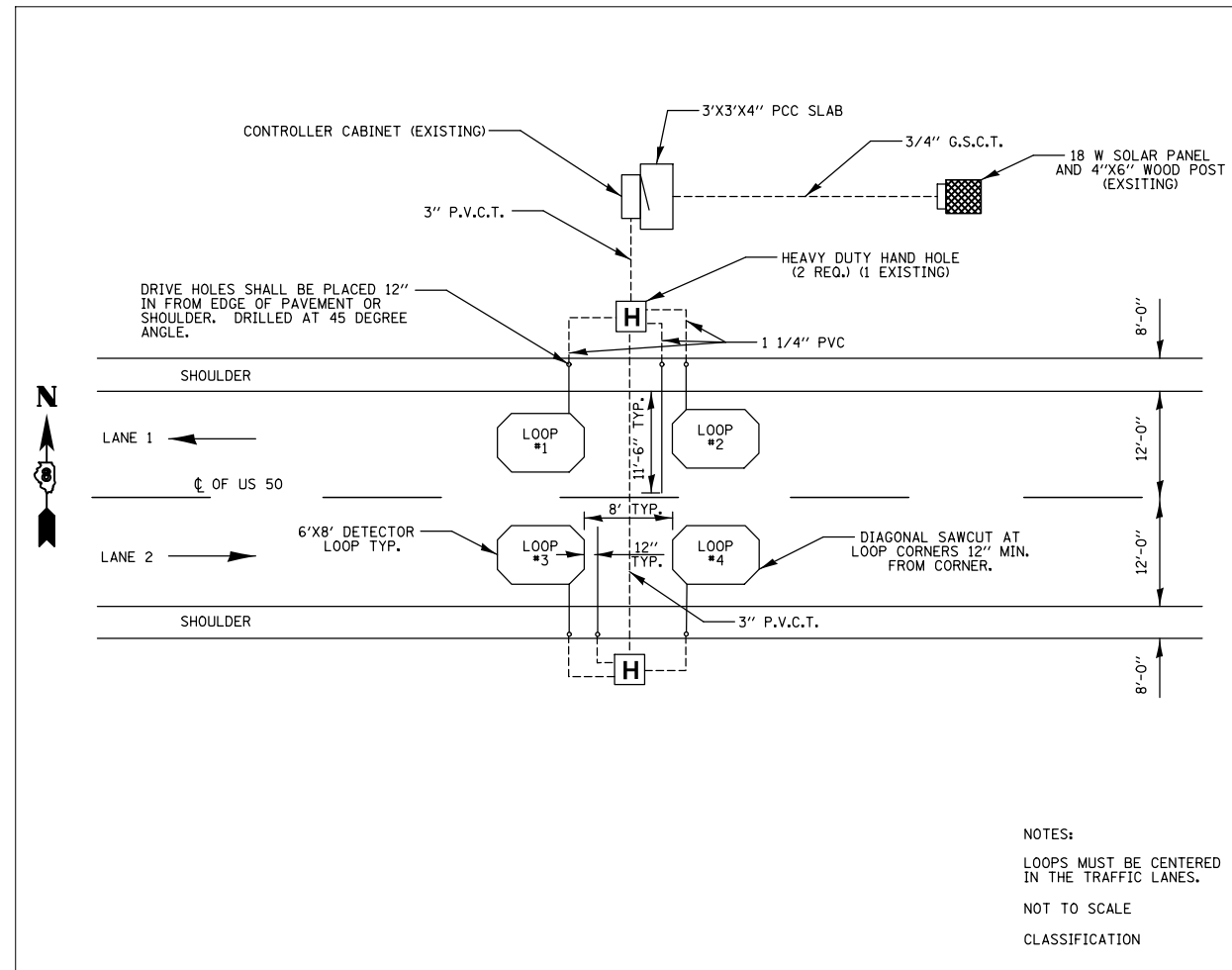
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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• ST. CLAIR /CLINTON				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	58
CONTRACT NO. 76B81				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

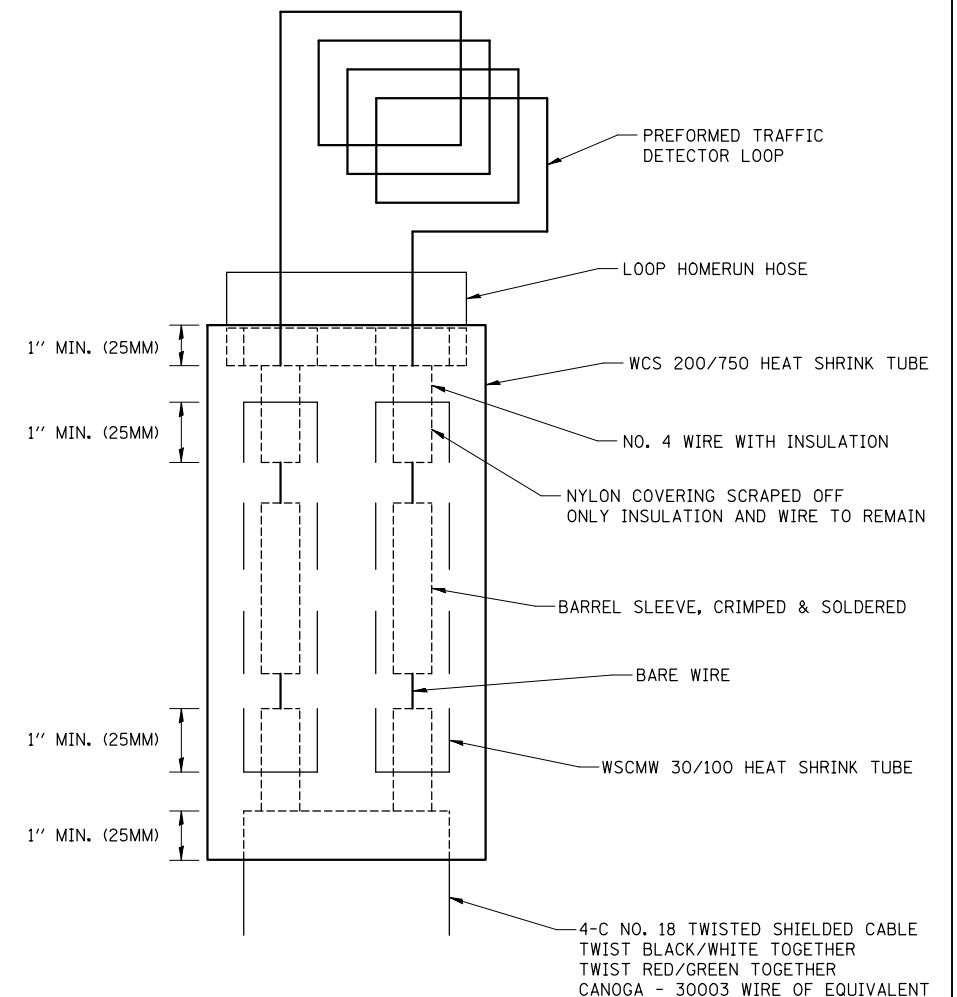
### SCHEDULE OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
88600100	DETECTOR LOOP, TYPE I	FOOT	96
	2' X 4' X 4" CONCRETE PAD	EACH	1
81400200	HD HANDHOLE	EACH	1
X00323014	ELECTRIC CABLE IN CONDUIT, CONOGA- 30003	LIN. FOOT	424
81021350	CONDUIT PUSHED, 3" DIA., PVC	LIN. FOOT	44
86800100	TRENCH AND BACKFILL	LIN. FOOT	40
81012400	CONDUIT IN TRENCH, 1 1/4" PVC	LIN. FOOT	40
X0323015	PIEZO ELECTRIC AXLE SENSOR, CLASS II	LIN. FOOT	23
87900200	DRILL EXISTING HANDHOLE	EACH	4

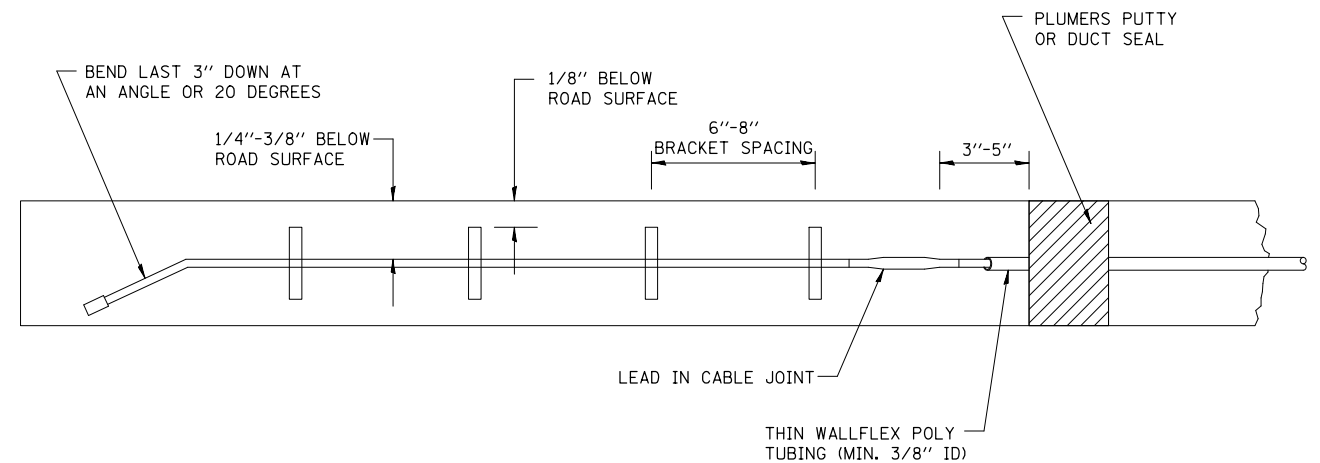
LAYOUT FOR ATR 8510  
LOCATION: US 50 (100' EAST OF  
ST. CLAIR/CLINTON COUNTY LINE)



### LOOP SPLICING REQUIREMENTS



MINIMUM 1" (25MM) HEAT SHRINK TUBE OVERLAP ON WIRE. PVC & SHIELDED CABLE TO FORM WATER TIGHT SEAL.



FILE NAME =	USER NAME = milleraj	DESIGNED -	REVISED -
et:\pw\work\p\dot\milleraj\d0119358\d87	b81-sht-planB.dgn	DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2011	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

### TRAFFIC COUNTER DETAILS

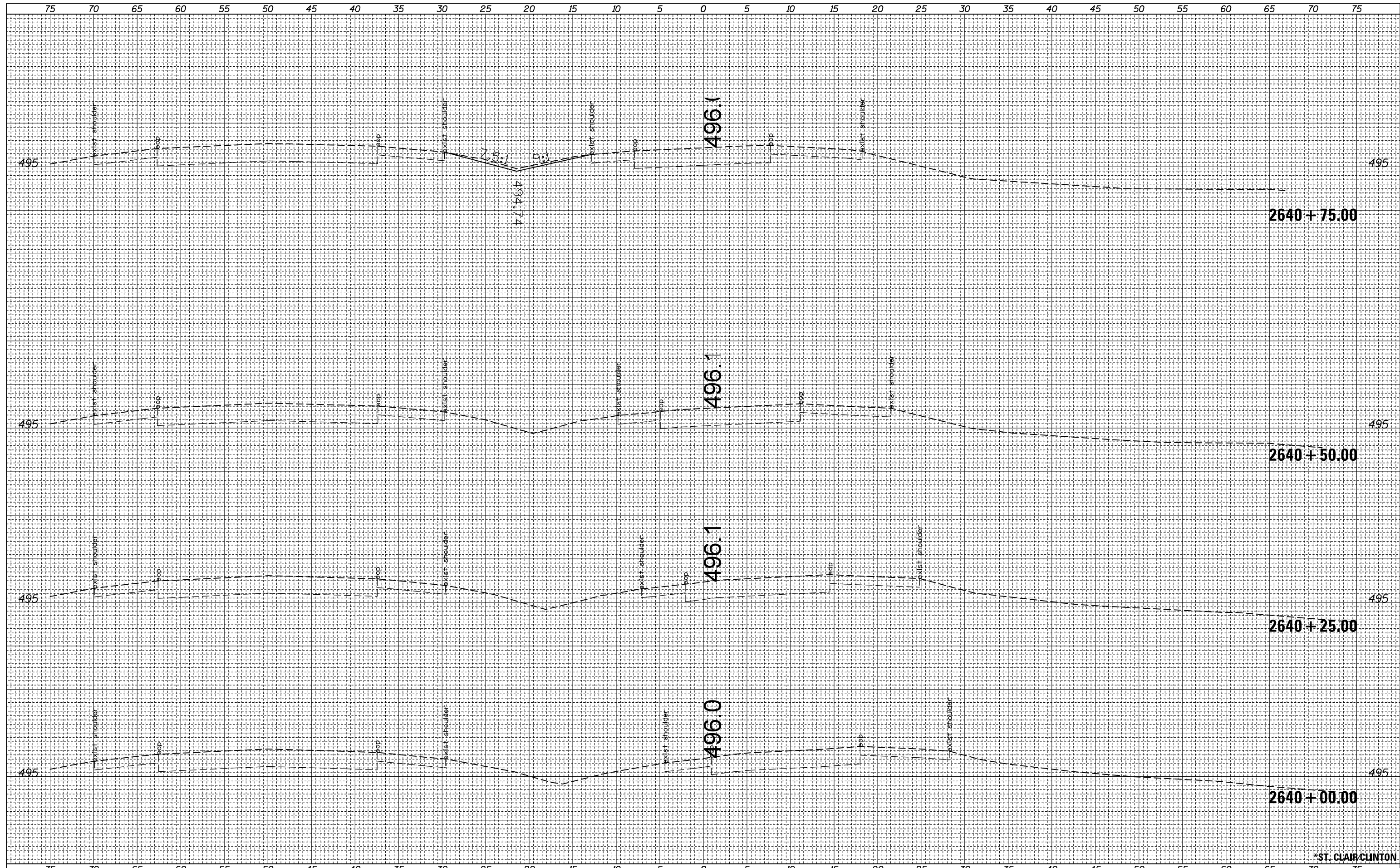
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(82-11,14-12)RS-1	*	64	59
CONTRACT NO. 76B81			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

ST. CLAIR / CLINTON

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
CHECKED	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
CHECKED	AREAS		
	CHECKED		

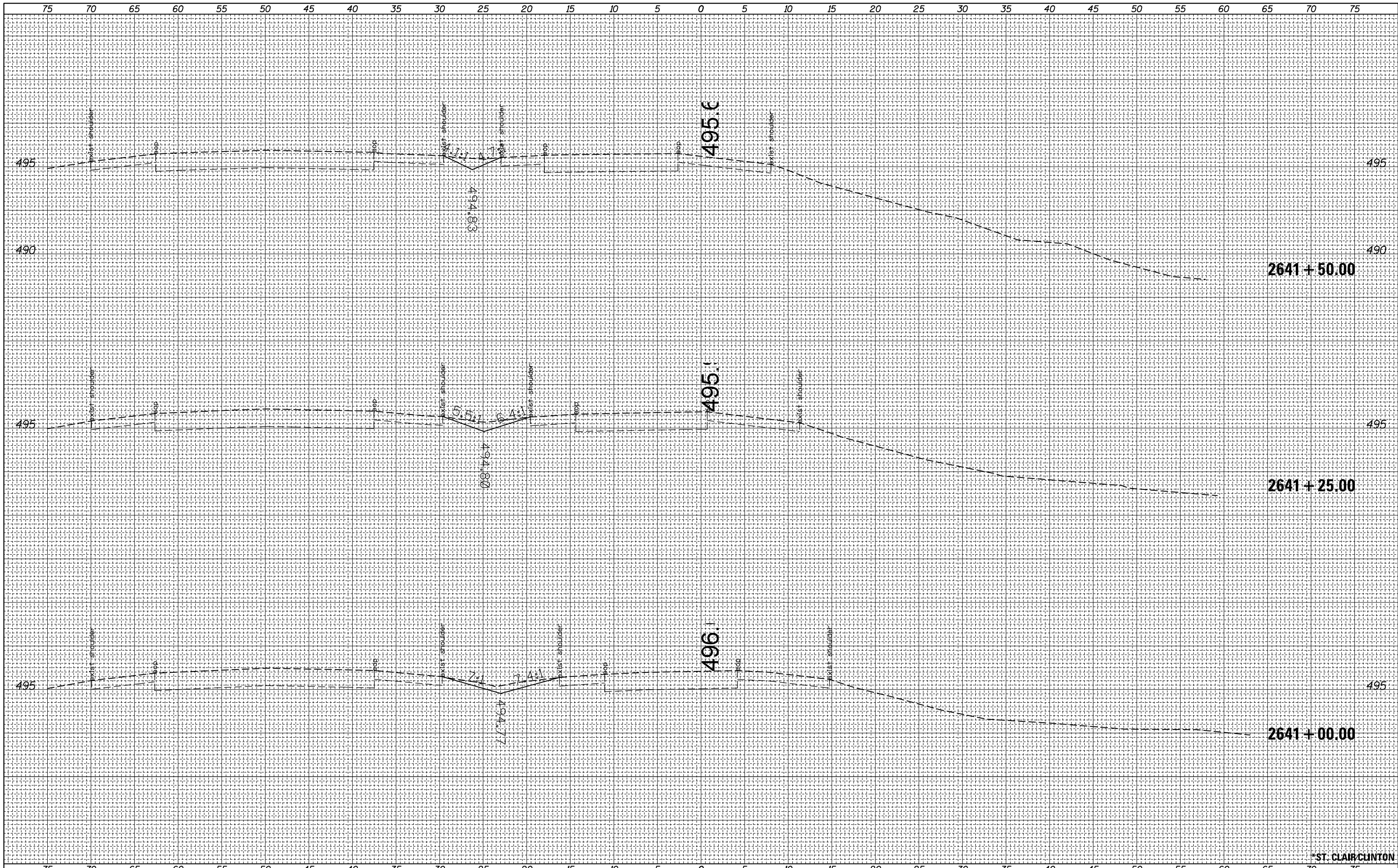


\*ST. CLAIR/CLINTON

FILE NAME =	USER NAME = millerra_j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwork\milleraj\d0119358\d876b81-sh-planB.dgn		DRAWN -	REVISED -		327	(82-11, 14-12/RS-1)	*	64	60			
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 76B81							
PLOT DATE = 12/23/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET	OF	SHEETS	STA. 2640+00.00 TO STA. 2640+75.00				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

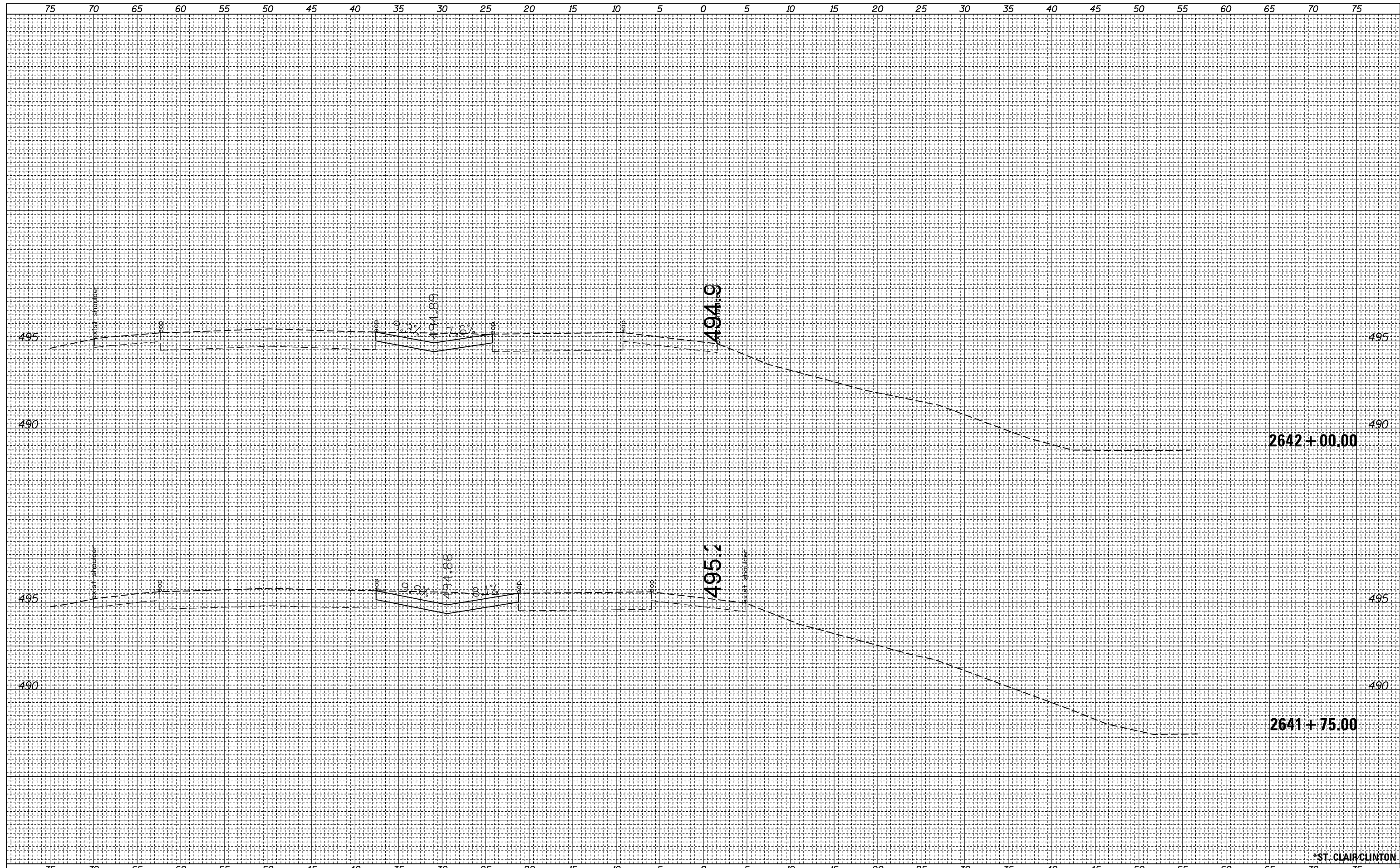


FILE NAME =	USER NAME = millerra.j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b> SCALE: SHEET OF SHEETS STA. 2641+00.00 TO STA. 2641+50.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\millerra.j\d0119358\d876b81-sh-planB.dgn	DRAWN -	REVISED -	327			(82-11, 14-12)RS-1	*	64	61	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 76B81							
PLOT DATE = 12/23/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

\*ST. CLAIR/CLINTON

FINAL SURVEY NO.	SURVEYED PLOTTED	BY	DATE
	TEMPLATE AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	BY	DATE
	TEMPLATE AREAS CHECKED		



FILE NAME = c:\pw\_work\pwork\miller\raj\d0119358\d876b81-sh-planB.dgn

USER NAME = millerraj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

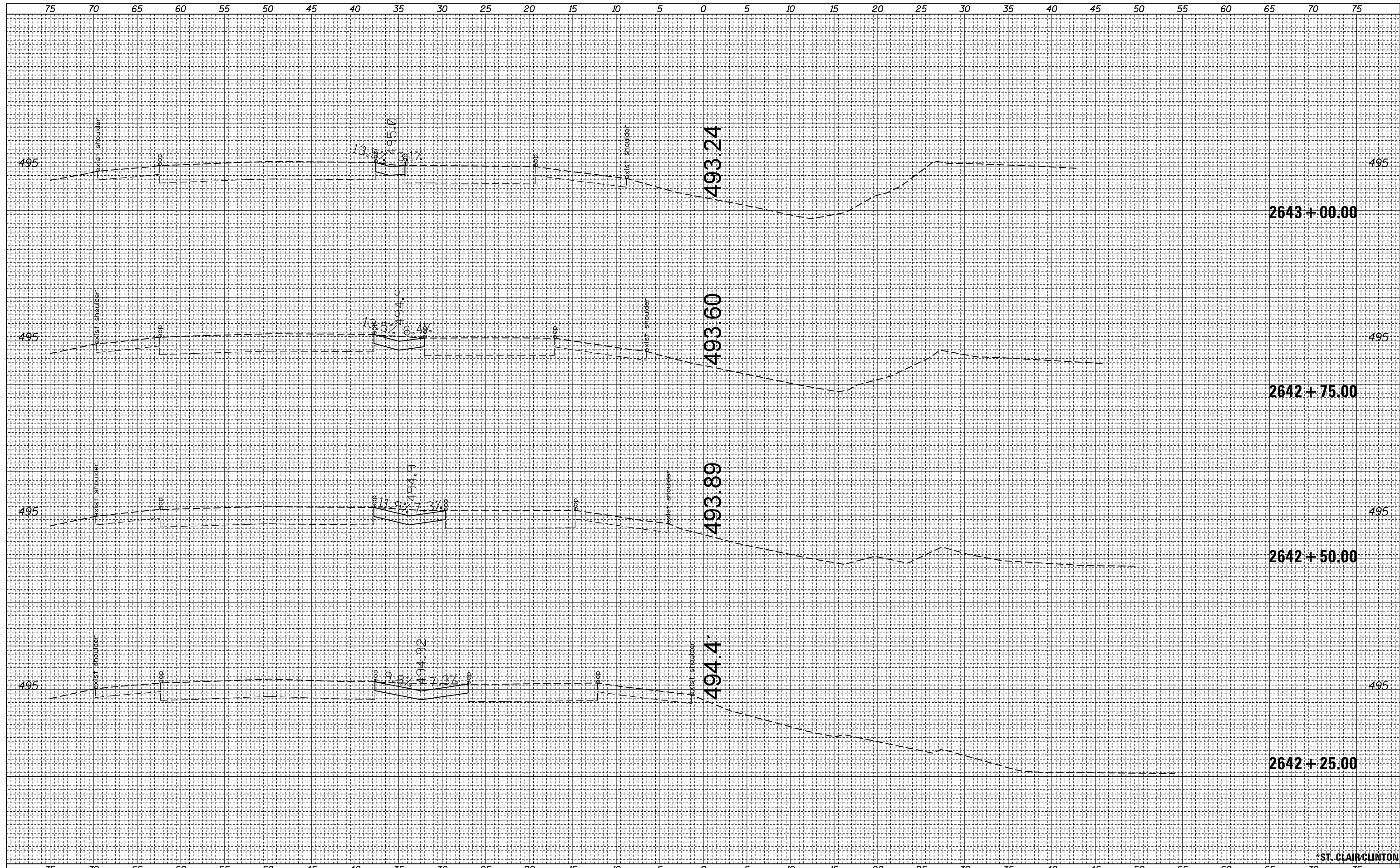
SCALE: SHEET OF SHEETS STA. 2641+75.00 TO STA. 2642+00.00

F.A.P. RTE. 327	SECTION (82-11, 14-12/RS-1)	COUNTY *	TOTAL SHEETS 64	SHEET NO. 62
CONTRACT NO. 76B81			ILLINOIS FED. AID PROJECT	

\*ST. CLAIR/CLINTON

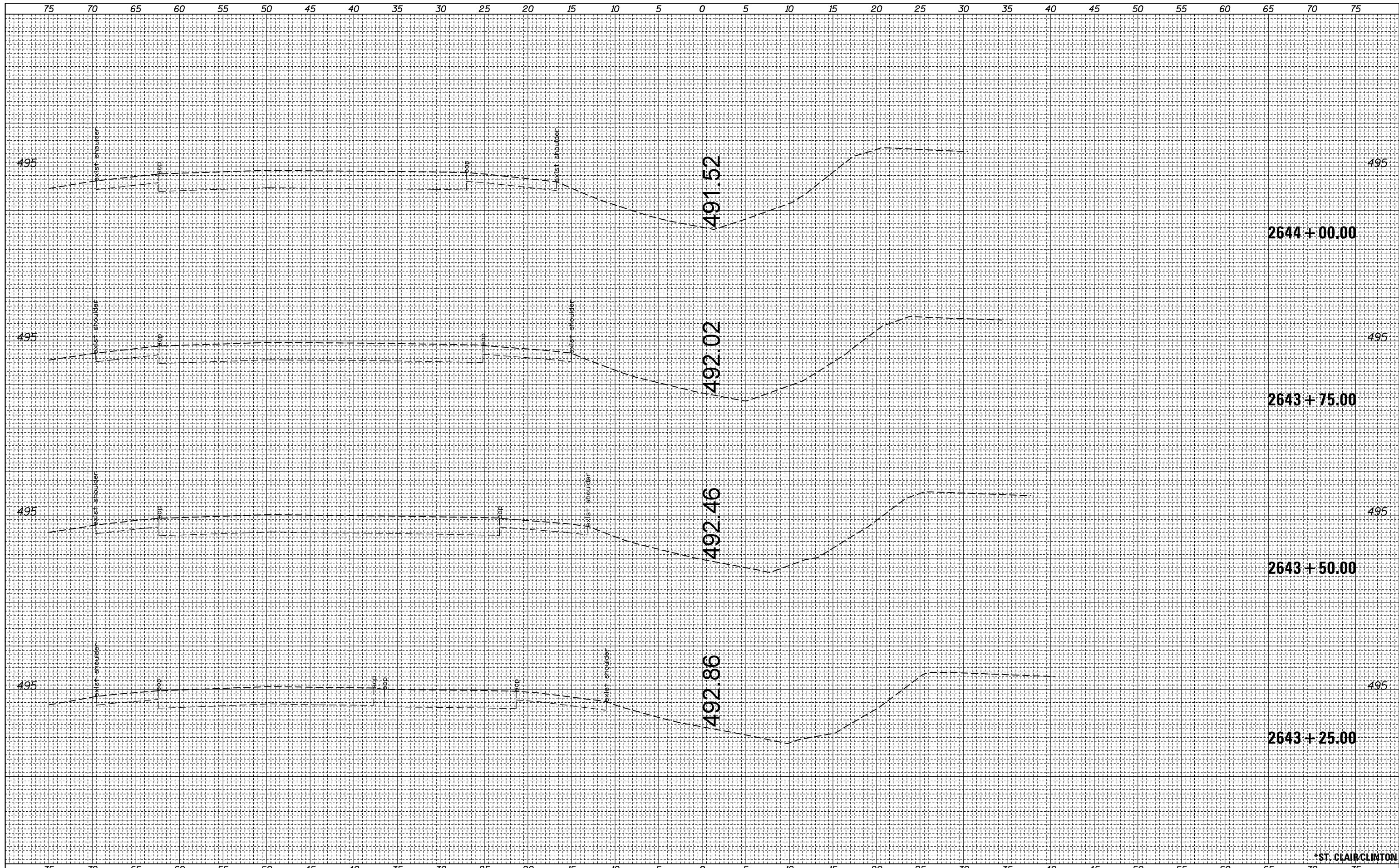
BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



\*ST. CLAIR/CLINTON

FILE NAME =	USER NAME = millerra	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\millerra\d0119358\d876b81-sh-planB.dgn		DRAWN -	REVISED -		327	(82-11, 14-12)RS-1	*	64	63				
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 76B81								
PLOT DATE = 12/23/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
				SCALE:	SHEET	OF	SHEETS	STA. 2642+25.00	TO	STA. 2643+00.00			



BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

\*ST. CLAIR/CLINTON