

1-20-2012 LETTING ITEM 050

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 716 (IL RTE 48)
SECTION (127R,RS-2)(130R, RS-1)
PROJECT F-0716(013)
RESURFACING (3P)
MACON COUNTY

C-97-151-10

PROJECT ENDS:
STA. 60 + 95.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	1
		ILLINOIS	CONTRACT NO. 74500	

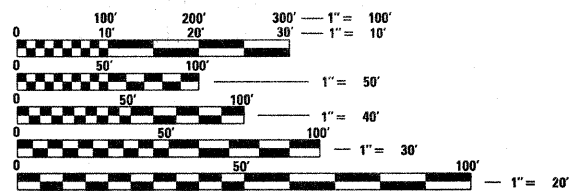
FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATION EQUATIONS:

STA. 907 + 37.08 (BK) = STA. 907 + 35.70 (AH)

STA. 927 + 31.56 (BK) = STA. 0 + 00.00 (AH)

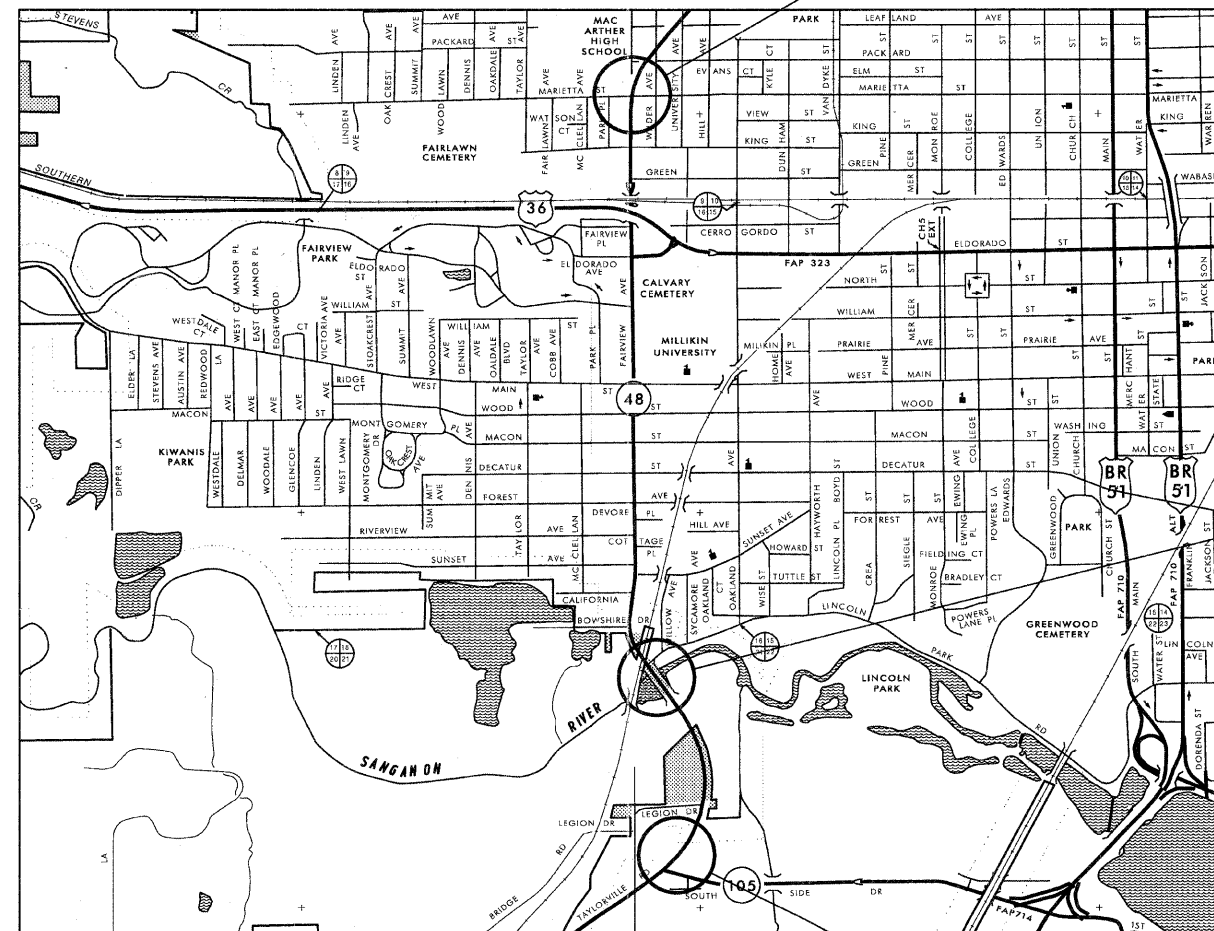
ADT = 12,100 (2009)



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: TOM RONAN
PROJECT MANAGER: JEFF DAVISON
PHONE: (217) 342-8314
CONTRACT NO. 74500



S.N. 058-0037

PROJECT BEGINS:
STA. 889 + 21.97

GROSS LENGTH = 9,905.5 FT. = 1.876 MILE
NET LENGTH = 9,373.6 FT. = 1.775 MILE

D-97-083-10



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Oct 12 20 11
Rogan J. Drakel, Esq.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 9 20 11
Scott E. Stitt, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

December 9 20 11
William R. Fryer
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEET, LIST OF STANDARDS
3	GENERAL NOTES
4-5	SUMMARY OF QUANTITIES
6-16	EXISTING TYPICAL SECTIONS
17-27	PROPOSED TYPICAL SECTIONS
28-33	SCHEDULE OF QUANTITIES
34-35	ALIGNMENT/TIE POINTS
36-53	PLAN SHEETS
54-55	TRAFFIC CONTROL SHEETS
56-74	PAVEMENT MARKING SHEETS
75-79	TRAFFIC SIGNAL LOOP DETAILS
80-92	BRIDGE REPAIR SHEETS
93-98	MEDIAN, PAVEMENT MARKING, MISC. DETAILS

STANDARDS IN THE PLANS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
353001-04	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
442201-03	CLASS C AND D PATCHES
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24' FROM PAVEMENT EDGE
701316-06	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR FOR SPEEDS > 45 MPH
701421-04	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701427	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS < 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701502-04	URBAN LANE CLOSURE, 2L, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701601-07	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701901-02	TRAFFIC CONTROL DEVICES
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKINGS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTOR LOOPS

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & STANDARDS IN THE PLANS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwork\pwork\swartzw\d0212489\d77	500-sbt-index.dgn	DRAWN -	REVISED -		716	(127R,RS-2)(130R-2,RS-1)	MACON	98	2			
	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -		CONTRACT NO. 74500			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 10/7/2011	DATE -	REVISED -		SCALE: NA	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.					

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" INDICATED ON THE CHECK SHEET, AND "THE SPECIAL PROVISIONS" INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON ILLINOIS ROUTE 48 IN DECATUR FROM MARIETTA STREET TO SOUTH SIDE DRIVE. THE PROJECT LENGTH IS 1.88 MILES. THE WORK INCLUDED IN SECTION (127R,RS-2)(130R-2,RS-1) CONSISTS OF BRIDGE JOINT REPAIRS, PAVEMENT PATCHING, HOT-MIX ASPHALT SURFACE REMOVAL, HOT-MIX ASPHALT RESURFACING, DETECTOR LOOPS, INLET ADJUSTMENT, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

THE EXISTING PAVEMENT SHALL BE PATCHED IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS. THE QUANTITY OF PATCHING SHOWN ON THE PLANS IS AN ESTIMATE ONLY. THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

TRAFFIC SIGNAL LOOPS ARE INSTALLED IN THE DECK OF SN 058-0037 AT APPROXIMATE STATIONS OF 912+40 TO 912+10, 913+49 TO 913+55 IN THE NB TRAFFIC LANES AND ALSO IN THE NB DEPARTURE APPROACH SLAB. CARE SHOULD BE TAKEN WITH REMOVAL OPERATIONS FOR THE BRIDGE REHABILITATION IN THESE AREAS TO NOT DAMAGE THE WIRING OR THE LOOPS FOR THE TRAFFIC SIGNALS. IF THESE LOOPS ARE DAMAGED, THEY WILL BE REPAIRED AT THE CONTRACTORS EXPENSE. LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED SURFACE, BITUMINOUS MATERIALS (PRIME COAT), AND HOT-MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. PAINT SHALL BE USED ON MILLED SURFACES AND TAPE SHALL BE USED ON THE SURFACE COURSE.

THE CONTRACTOR SHALL USE EITHER, RC-70, SS-1HP, OR SS1H APPLIED AT THE RATE DIRECTED BY THE ENGINEER, FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT).

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HOT-MIX ASPHALT PLANT QUALITY CONTROL LAB SO THAT HOT-MIX ASPHALT PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL HOT-MIX ASPHALT ITEMS.

VIBRATORY ROLLERS IN DYNAMIC MODE WILL NOT BE PERMITTED. DENSITY REQUIREMENTS ARE NOT CHANGED DUE TO THIS REQUIREMENT.

THE PAY ITEMS TEMPORARY RAMP HAVE BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.08 OF THE STANDARD SPECIFICATIONS AND AS SPECIFIED IN THE SPECIAL PROVISIONS. THE COST SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE TEMPORARY RAMPS.

TEMPORARY HMA TAPERS WILL BE REQUIRED IMMEDIATELY AFTER THE HOT-MIX ASPHALT SURFACE REMOVAL OPERATION HAS BEEN PREFORMED AND ANY SUBSEQUENT RESURFACING OPERATION NEEDING TEMPORARY TAPERS. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY TAPERS (MIN. 2 FEET IN LENGTH) AT MANHOLES AND VALVE VAULTS. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

A UNIFORMLY STRAIGHT SAW CUT SHALL BE MADE AT LOCATIONS WHERE PROPOSED NEW CONSTRUCTION WILL ABUT EXISTING HOT-MIX ASPHALT SURFACES. THE SAW CUT SHALL BE MADE THE SAME DEPTH AS THE HOT-MIX ASPHALT SURFACE REMOVAL. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR ALL HOT-MIX ASPHALT.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

SURFACE MIX (1 1/2")

APPLICATION: POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIX "D", N90
 PG GRADE: PG 70-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE D

CLASS D PAVEMENT PATCHING

APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19, N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

BITUMINOUS MATERIALS (PRIME COAT)	0.10 GAL/SQ YD
AGGREGATE (PRIME COAT)	4 LBS/SQ YD
HOT-MIX ASPHALT	112 LBS/SQ YD/INCH
AGGREGATE MATERIAL	2.05 TON/CU. YD.

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 74500					
	PLOT DATE = 10/11/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: NA	SHEET NO. 1 OF 1 SHEETS		STA. TO STA.			

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		20% STATE 80% FED.	CITY 100%	80% FED. 20% STATE BRIDGE 058-0037
20049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	21	21		
20200100	EARTH EXCAVATION	CU YD	174	174		
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	548	548		
35300610	PORTLAND CEMENT CONCRETE BASE COURSE 11 1/2"	SQ YD	123	123		
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2332	2284	48	
40600300	AGGREGATE (PRIME COAT)	TON	10	10		
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40600990	TEMPORARY RAMP	SQ YD	173	84	89	
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	3917	3837	80	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	46633	45680	953	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1123	1123		
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	157	157		
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	161	161		
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	54	54		
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	31	31		
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	25	25		
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	61	61		
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	110	110		
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	36	36		
50102400	CONCRETE REMOVAL	CU YD	19.1			19.1
50300255	CONCRETE SUPERSTRUCTURE	CU YD	19.1			19.1
50300300	PROTECTIVE COAT	SQ YD	52			52
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2640			2640
50800515	BAR SPLICERS	EACH	16			16
52000110	PREFORMED JOINT STRIP SEAL	FOOT	167			167
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	1097	1097		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	4096	4096		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	2		2
67100100	MOBILIZATION	L SUM	1	1		
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1		
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1		

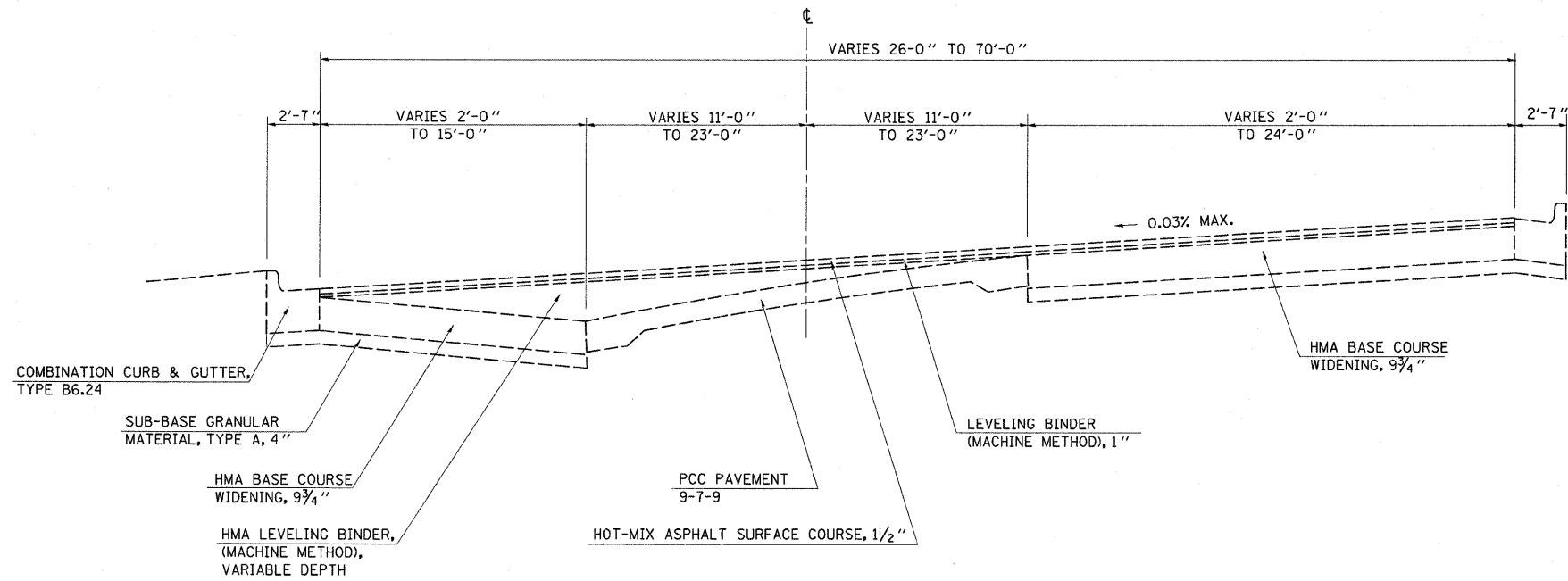
FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 10/11/2011	CHECKED -	REVISED -		SCALE: NA	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 74500			
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

SUMMARY OF QUANTITIES (Cont'd)			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		80% FED. STATE 20% STATE 0005	CITY 100% 0005	80% FED. 20% STATE BRIDGE 058-0037 0014
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	28			28
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1			1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	26612	26612		
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	893	893		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	23018	22928	90	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	4239	4050	189	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	3313	2851	462	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	369	312	57	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	16585	15889	696	
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	1590			1590
78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	89			89
78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	14			14
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	544	544		
78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	28			28
78200300	PRISMATIC CURB REFLECTOR	EACH	85	85		
78300100	PAVEMENT MARKING REMOVAL	SO FT	924			924
88600100	DETECTOR LOOP, TYPE I	FOOT	2832	2320	512	
8825022	AGGREGATE BACK FILL	TON	870	870		
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SO FT	4628	4628		
50800530	MECHANICAL SPLICERS	EACH	128			128
X7010200	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)	EACH	1			1
X7801000	WET REFLECTIVE PAVEMENT THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	893	893		
X7801004	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	21427	21337	90	
X7801006	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4239	4050	189	
X7801012	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3231	2769	462	
X7801024	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	355	298	57	
Z0012500	CONCRETE CURB REPAIR	FOOT	56	56		
Z0018004	DRAINAGE SCUPPERS, DS-12	EACH	12			12
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1		
Z0070202	SURVEY MARKER VAULT	EACH	4	4		

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\swartzw\d0212489\d77508-shr-soq.dgn		DRAWN -	REVISED -		SCALE: NA	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	716	(127R,RS-2)(130R-2,RS-1)	MACON	98	5
		CHECKED -	REVISED -		CONTRACT NO. 74500								
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

① EXISTING TYPICAL CROSS SECTION

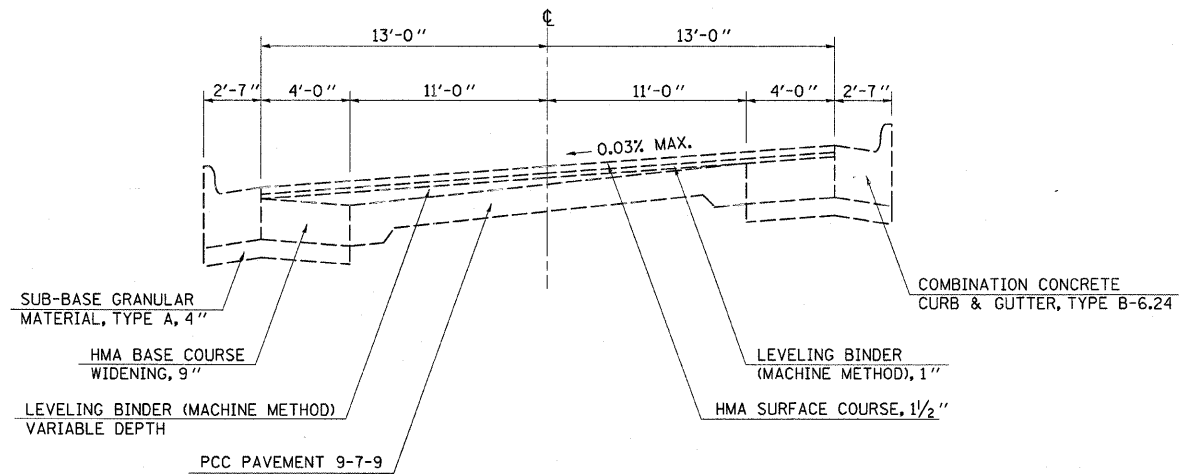
STA. 889+12.97 TO STA. 899+06.00



NOT DRAWN TO SCALE

② EXISTING TYPICAL CROSS SECTION

STA. 899+06.00 TO STA. 903+75.00

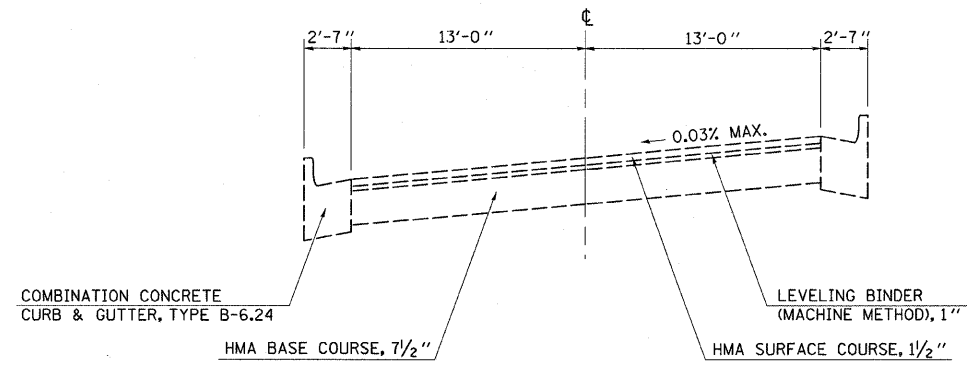


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FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION		F.A.P. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 10/13/2011	CHECKED -	REVISED -		SCALE: NA	SHEET NO. 1 OF 11 SHEETS	STA. TO STA.	CONTRACT NO. 74500		ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -								

③ EXISTING TYPICAL CROSS SECTION

STA. 903+75.00 TO STA. 908+52.70

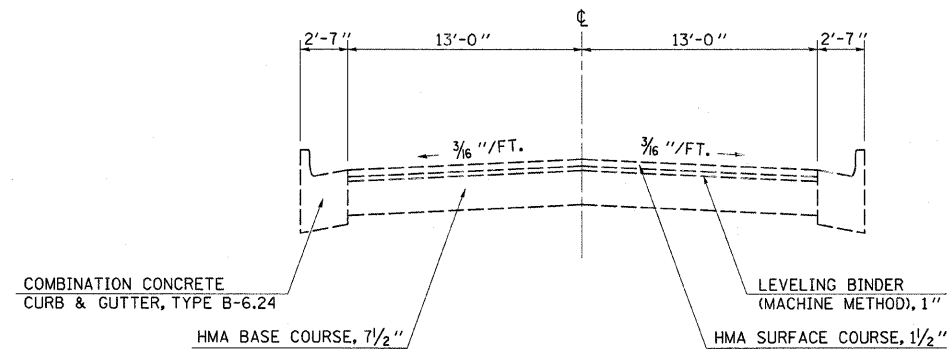


NOT DRAWN TO SCALE

④ EXISTING TYPICAL CROSS SECTION

STA. 908+52.70 TO STA. 910+22.58

BRIDGE OMISSION:
STA. 910+22.58 TO STA. 915+54.42

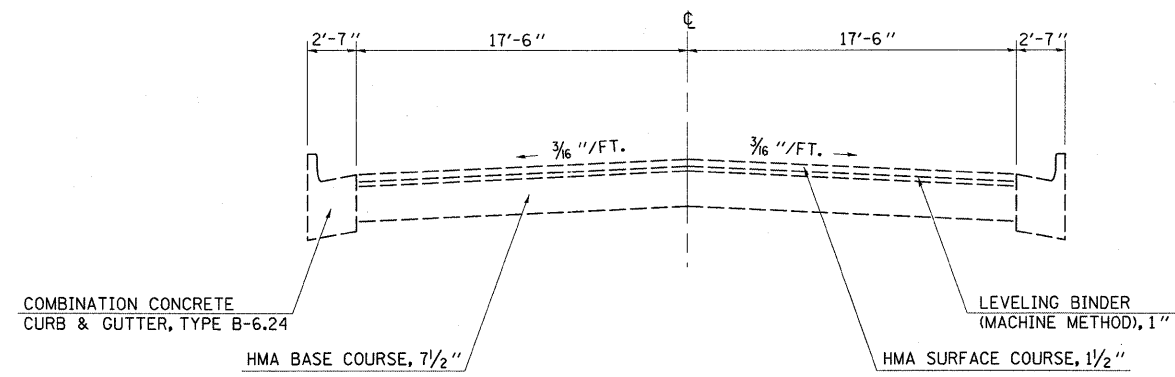


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PLOT SCALE = 20,000' / 1"		CHECKED -	REVISED -		SCALE: NA SHEET NO. 2 OF 11 SHEETS STA. TO STA.			CONTRACT NO. 74500				
PLOT DATE = 10/13/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

⑤ EXISTING TYPICAL CROSS SECTION

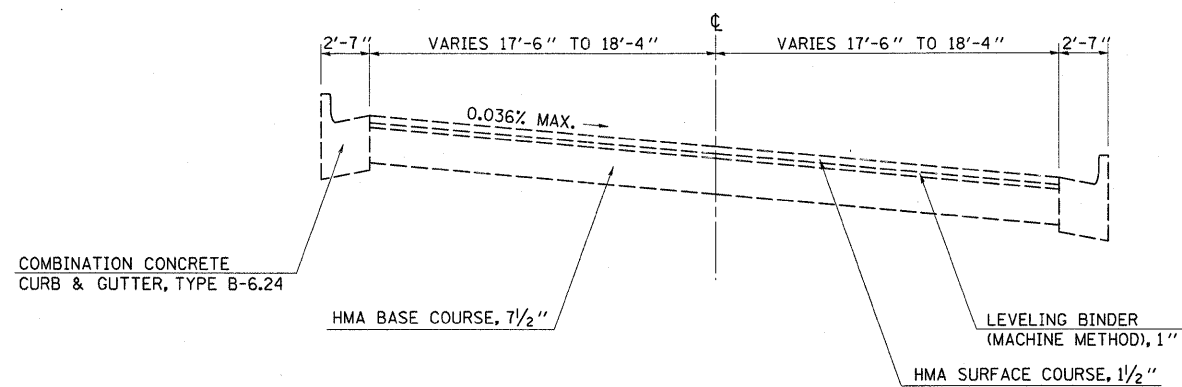
STA. 915+53.92 TO STA. 916+22.96



NOT DRAWN TO SCALE

⑥ EXISTING TYPICAL CROSS SECTION

STA. 916+22.96 TO STA. 920+00.00

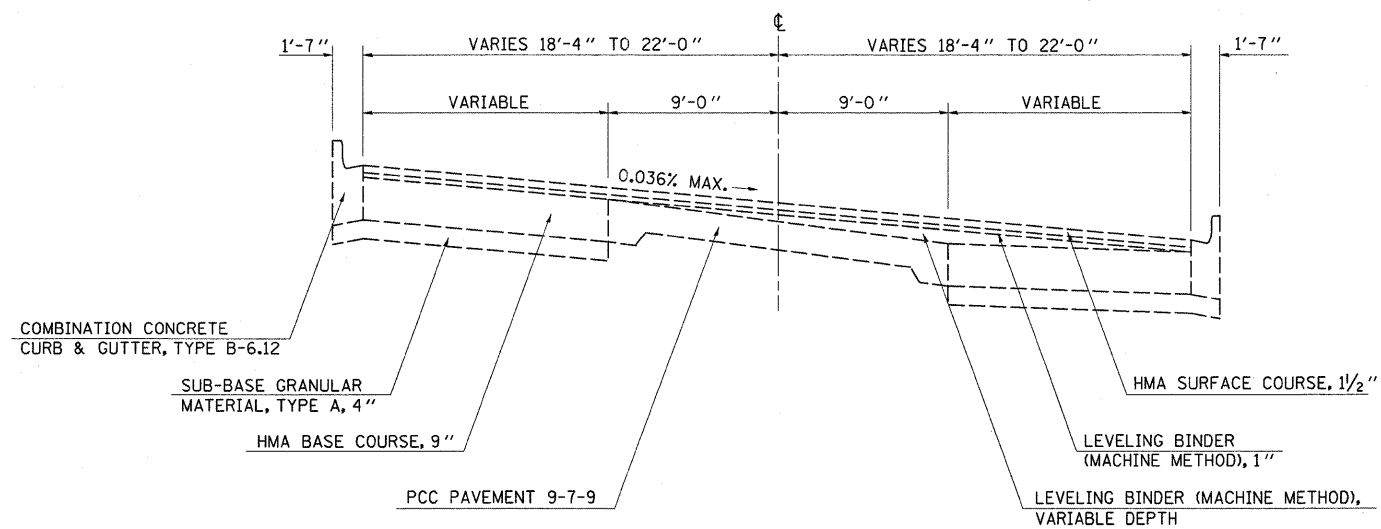


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	PLOT DATE = 10/13/2011	DATE -	REVISED -		SCALE: NA	SHEET NO. 3 OF 11 SHEETS	STA. TO STA.					

⑦ EXISTING TYPICAL CROSS SECTION

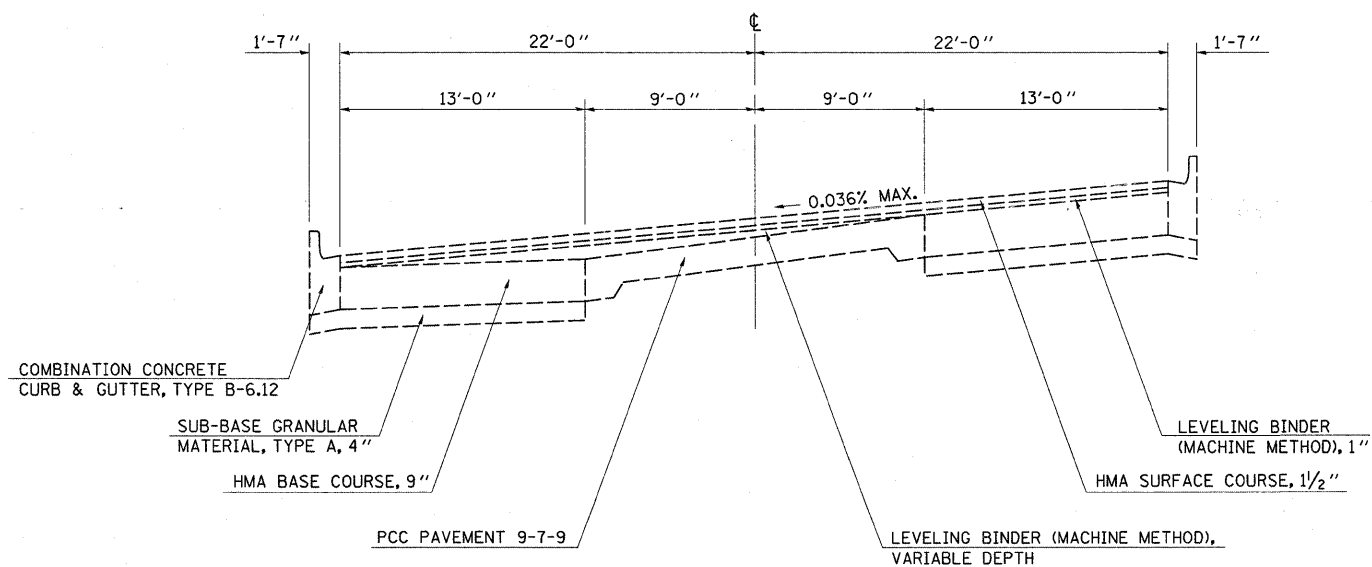
STA. 920+00.00 TO STA. 924+33.32



NOT DRAWN TO SCALE

⑧ EXISTING TYPICAL CROSS SECTION

STA. 924+33.32 TO STA. 926+36.00



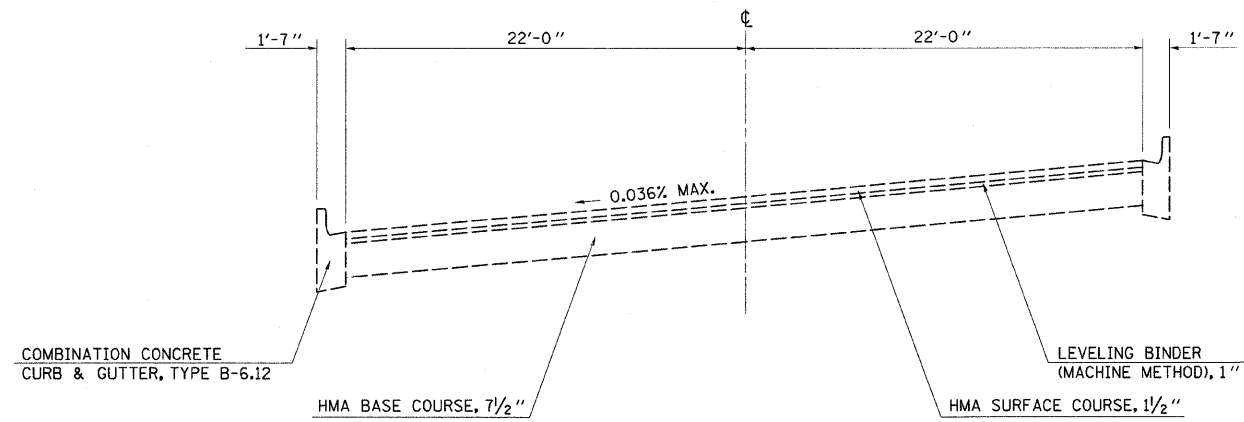
NOT DRAWN TO SCALE

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\p\dot\swartzw\d0212489\d77	500-ah-typicals.dgn	DRAWN -	REVISED -		716	(127R,RS-2)(130R-2,RS-1)	MACON	98	9			
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74500			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 10/13/2011	DATE -	REVISED -		SCALE: NA	SHEET NO. 4 OF 11 SHEETS	STA. TO STA.					

⑨ EXISTING TYPICAL CROSS SECTION

STA. 926+36.00 TO STA. 1+16.53

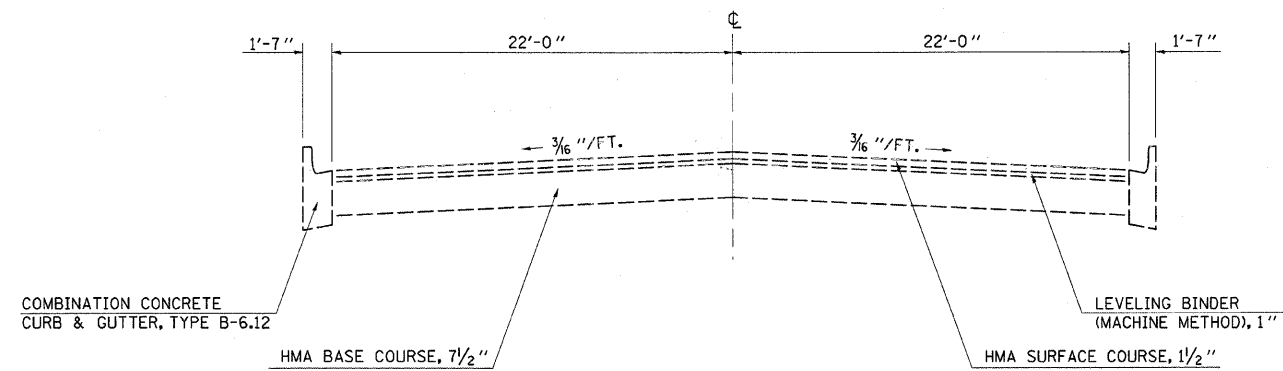
STA. EQUATION:
STA. 927+31.07 (BK) = STA. 0+00.00 (AH)



NOT DRAWN TO SCALE

⑩ EXISTING TYPICAL CROSS SECTION

STA. 1+16.53 TO STA. 6+00.00

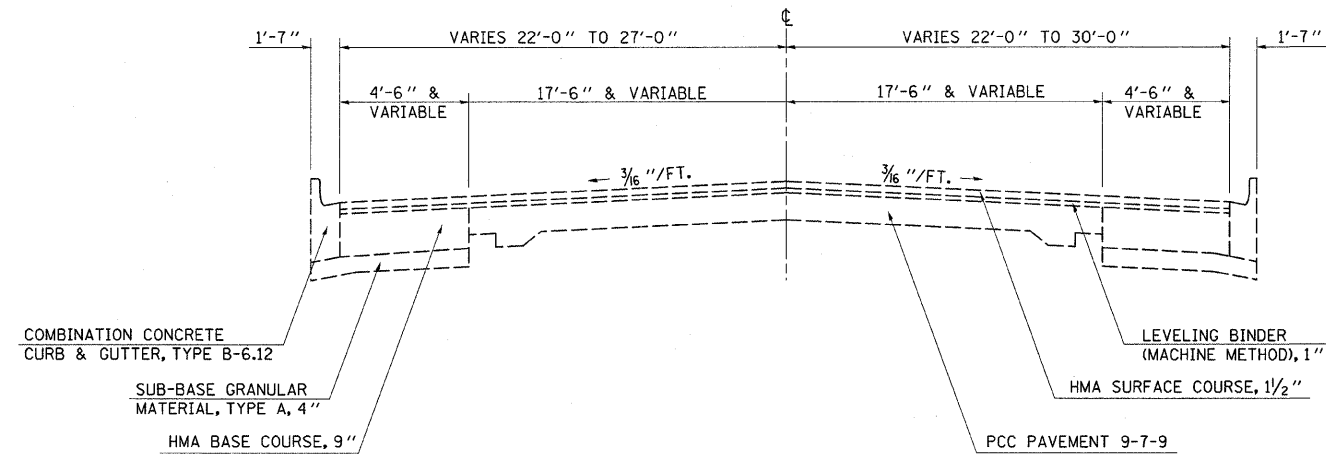


NOT DRAWN TO SCALE

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\p\work\p\dot\swartzrw\0212489\d77	600-sh-typical.dgn	DRAWN -	REVISED -		SCALE: NA	SHEET NO. 5 OF 11 SHEETS	STA. TO STA.	716	(127R,RS-2)(130R-2,RS-1)	MACON	98	10
	PLOT SCALE = 20.0000' / 1"	CHECKED -	REVISED -						CONTRACT NO. 74500			
	PLOT DATE = 10/13/2011	DATE -	REVISED -						ILLINOIS FED. AID PROJECT			

11 EXISTING TYPICAL CROSS SECTION

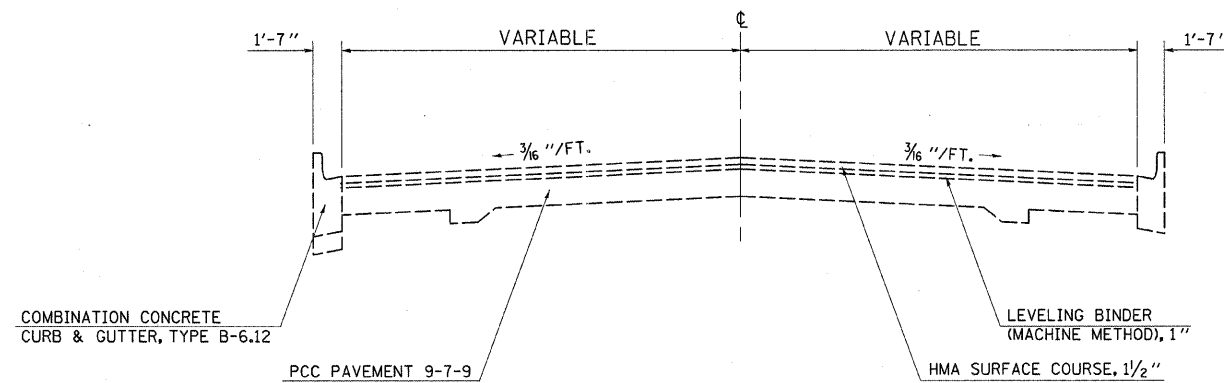
STA. 6+00.00 TO STA. 23+14.00



NOT DRAWN TO SCALE

12 EXISTING TYPICAL CROSS SECTION

IL. RTE. 48 & WEST MAIN STREET
STA. 23+14.00 TO STA. 24+95.00

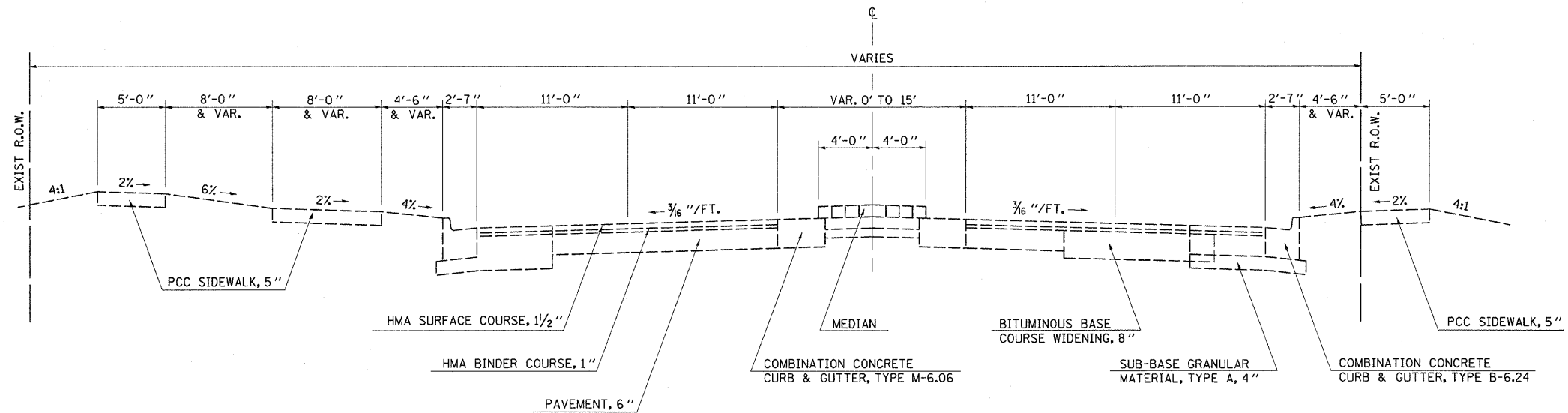


NOT DRAWN TO SCALE

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\pwidot\swartzrw\d0212489\d77	500-shr-typical.dgn	DRAWN -	REVISED -		716	(12TR,RS-2)(13OR-2,RS-1)	MACON	98	11			
	PLOT SCALE = 20.0000' / 1".	CHECKED -	REVISED -		SCALE: NA SHEET NO. 6 OF 11 SHEETS STA. TO STA.			CONTRACT NO. 74500				
	PLOT DATE = 10/13/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

13 EXISTING TYPICAL CROSS SECTION

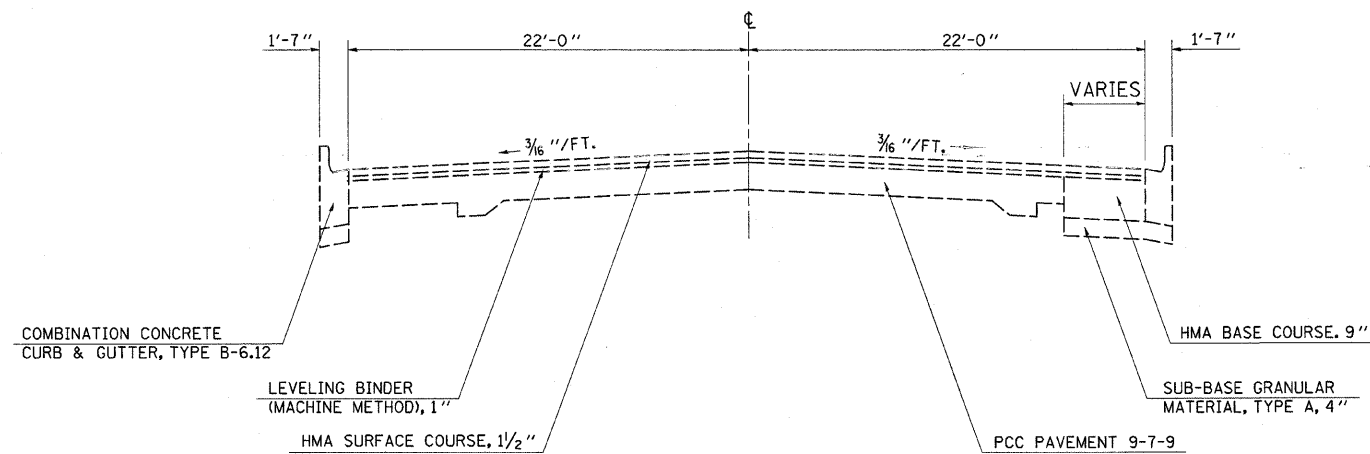
FAIRVIEW AVENUE (IL. RTE. 48)
STA. 24+95.00 TO STA. 32+85.00



NOT DRAWN TO SCALE

14 EXISTING TYPICAL CROSS SECTION

STA. 32+85.00 TO STA. 34+80.00

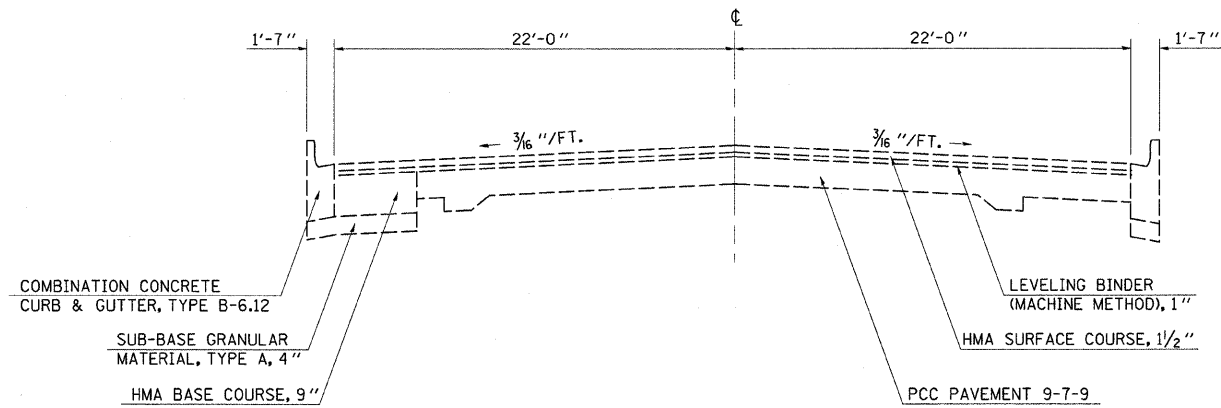


NOT DRAWN TO SCALE

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\pwsdot\swartzrw\d0212489\d77	602-shr-typicals.dgn	DRAWN -	REVISED -				716	(127R,RS-2)(130R-2,RS-1)	MACON	98	12
	PLOT SCALE = 20,0000 ' / 1"	CHECKED -	REVISED -		SCALE: NA SHEET NO. 7 OF 11 SHEETS STA. TO STA.		CONTRACT NO. 74500		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 10/13/2011	DATE -	REVISED -								

15 EXISTING TYPICAL CROSS SECTION

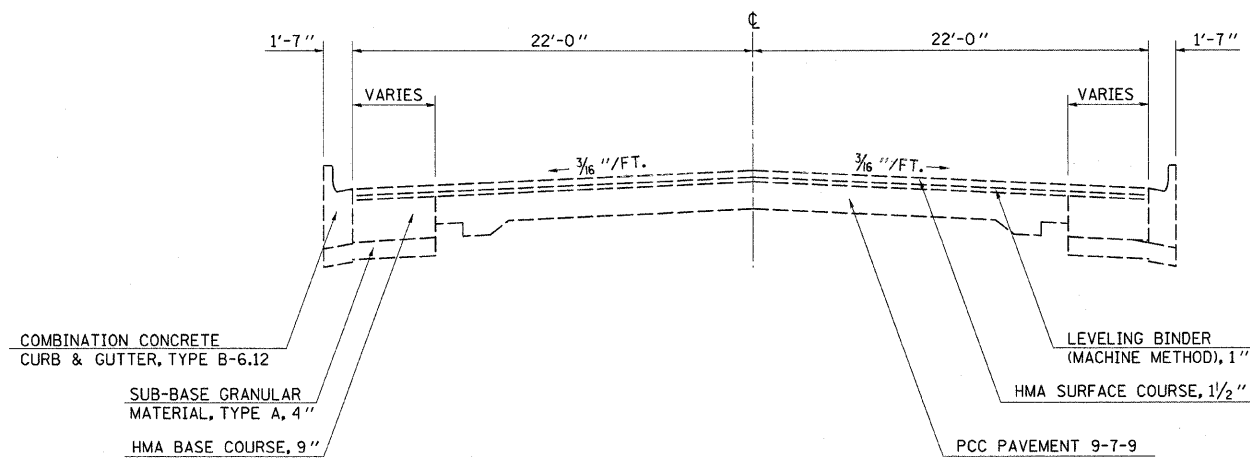
STA. 34+80.00 TO STA. 40+00.00



NOT DRAWN TO SCALE

16 EXISTING TYPICAL CROSS SECTION

STA. 40+00.00 TO STA. 43+00.00

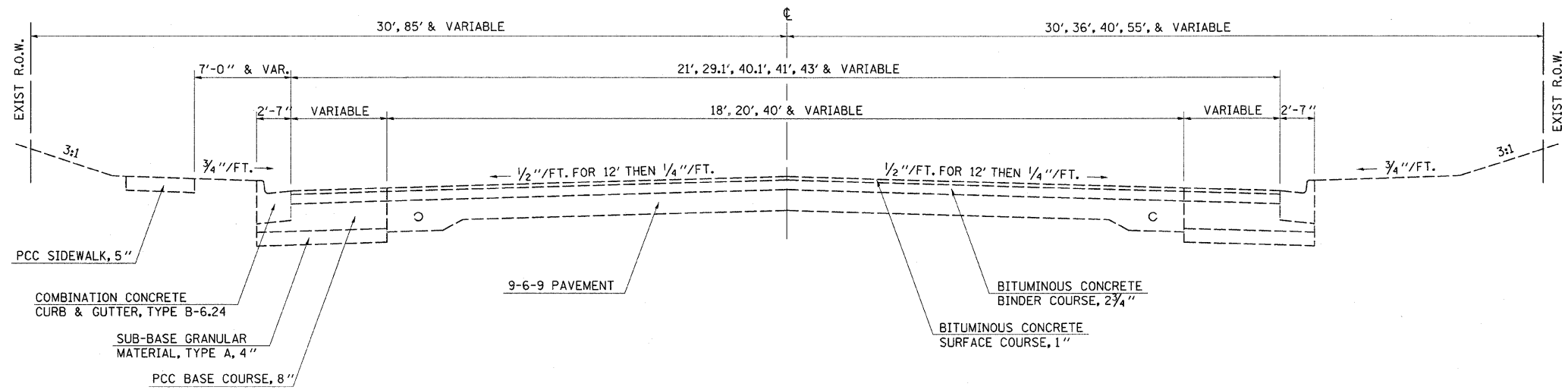


NOT DRAWN TO SCALE

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
or:\pwork\pvidot\swartzrw\d0212489\d77	520-sht-typical.dgn	DRAWN -	REVISED -		SCALE: NA	SHEET NO. 8 OF 11 SHEETS	STA. TO STA.	716	(127R,RS-2)(130R-2,RS-1)	MACON	98	13
	PLOT SCALE = 20.0000' / 1" =	CHECKED -	REVISED -							CONTRACT NO. 74500		
	PLOT DATE = 10/13/2011	DATE -	REVISED -							ILLINOIS FED. AID PROJECT		

19 EXISTING TYPICAL CROSS SECTION

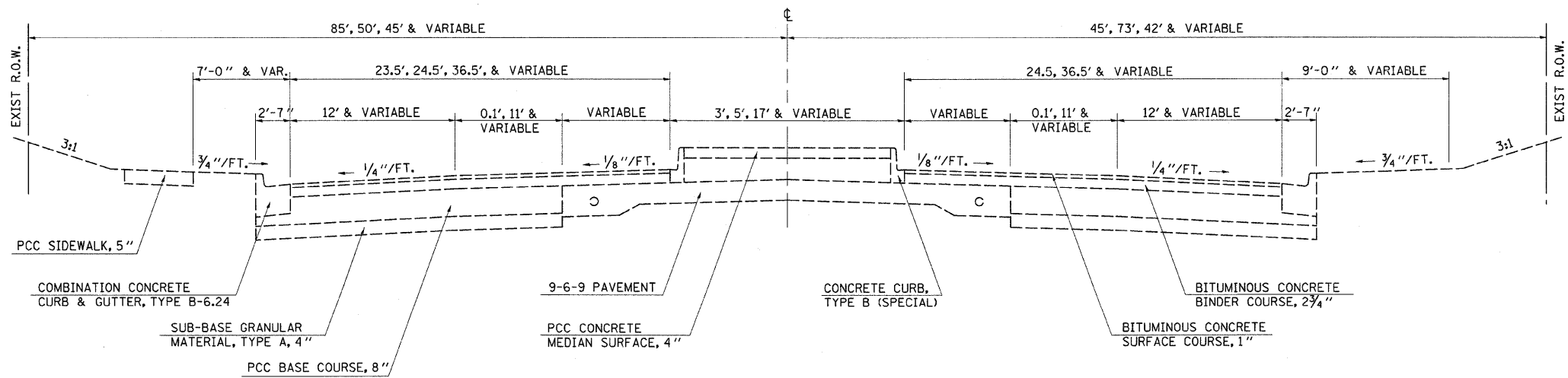
STA. 47+32.00 TO STA. 48+12.43



NOT DRAWN TO SCALE

20 EXISTING TYPICAL CROSS SECTION

STA. 48+12.43 TO STA. 53+61.50

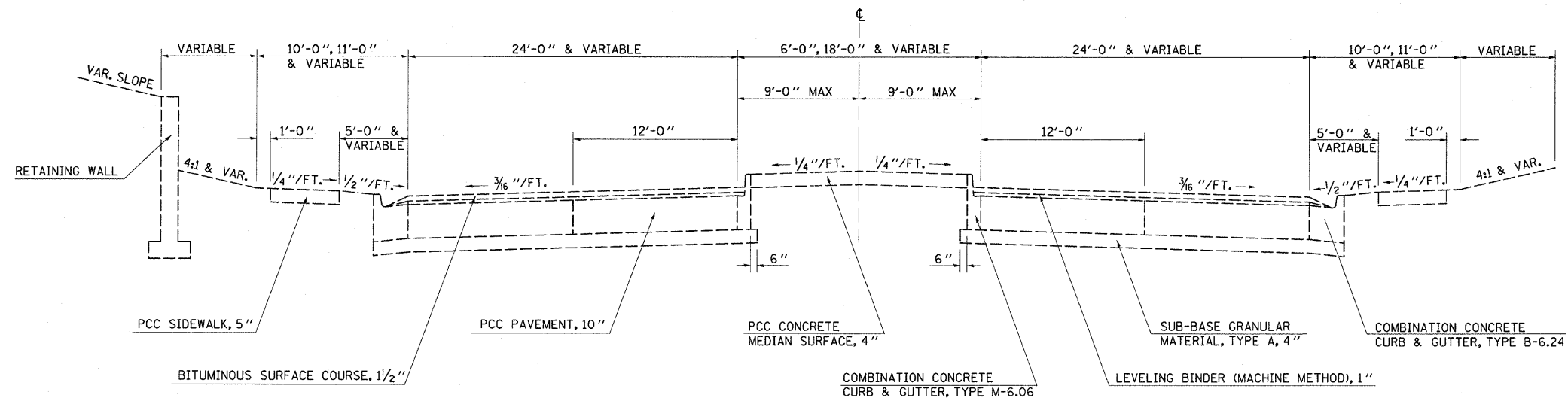


NOT DRAWN TO SCALE

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\p\work\p\dot\swartzrw\d0212489\d77	500-shr-typicals.dgn	DRAWN -	REVISED -		SCALE: NA	SHEET NO. 10 OF 11 SHEETS	STA.	TO STA.	716	(127R,RS-2)(130R-2,RS-1)	MACON	98	15
PLOT SCALE = 20.0000' / 1"		CHECKED -	REVISED -					CONTRACT NO. 74500					
PLOT DATE = 10/13/2011		DATE -	REVISED -					ILLINOIS FED. AID PROJECT					

21 EXISTING TYPICAL CROSS SECTION

S.B.I. ROUTE 48
 STA. 54+27.50 TO STA. 59+87.00

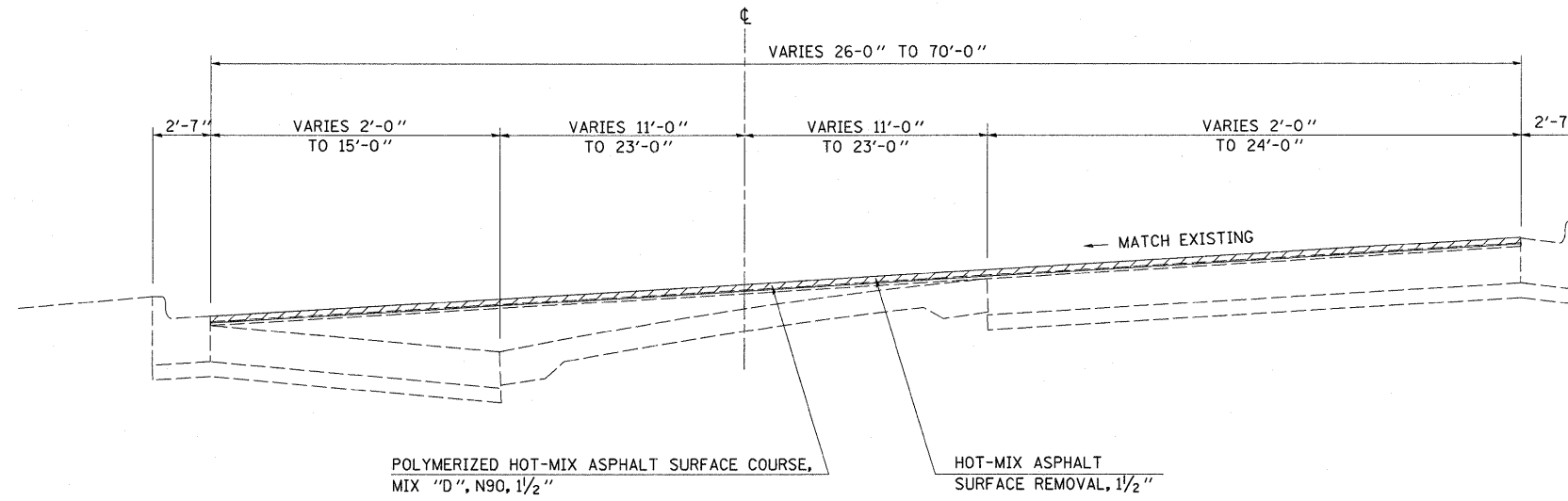


NOT DRAWN TO SCALE

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci\pw_work\pwidot\swartzrw\d0212489\d774	500-shr:typicals.dgn	DRAWN -	REVISED -		SCALE: NA	SHEET NO. 11 OF 11 SHEETS	STA. TO STA.	716	(127R,RS-2)(130R-2,RS-1)	MACON	98	16
	PLOT SCALE = 20.0000' / 1" =	CHECKED -	REVISED -					CONTRACT NO. 74500				
	PLOT DATE = 10/13/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

① PROPOSED TYPICAL CROSS SECTION

STA. 889+12.97 TO STA. 899+06.00

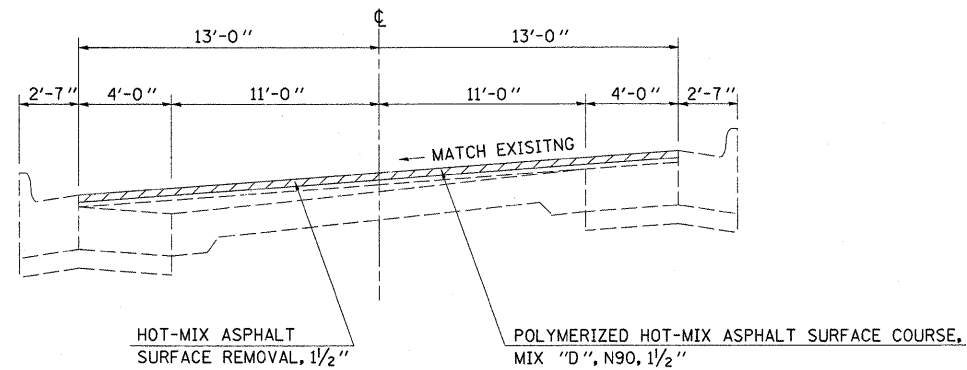


HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

NOT DRAWN TO SCALE

② PROPOSED TYPICAL CROSS SECTION

STA. 899+06.00 TO STA. 903+75.00



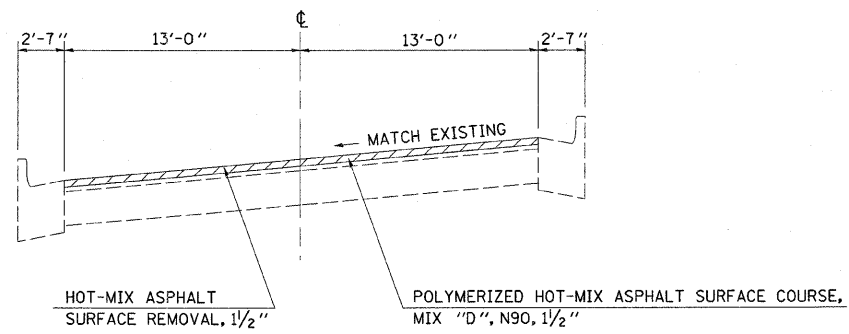
HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"


NOT DRAWN TO SCALE

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\swartzw\d0212489\d77	500-ah-typical.dgn	DRAWN -	REVISED -		716	(127R,RS-2)(130R-2,RS-1)	MACON	98	17			
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74500							
	PLOT DATE = 10/13/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: NA	SHEET NO. 1 OF 11 SHEETS	STA.	TO STA.					

③ PROPOSED TYPICAL CROSS SECTION

STA. 903+75.00 TO STA. 908+52.70



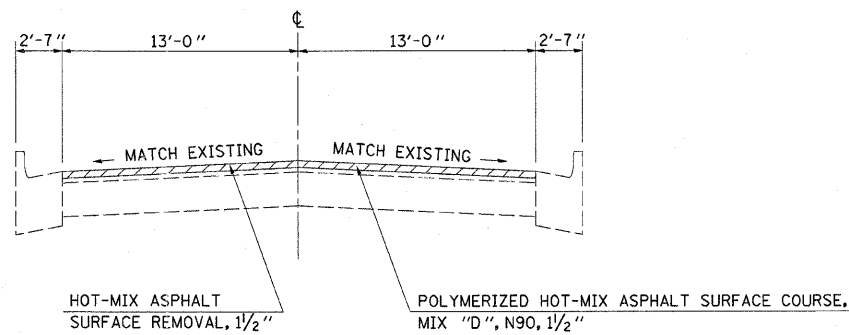
 HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"


NOT DRAWN TO SCALE

④ PROPOSED TYPICAL CROSS SECTION

STA. 908+52.70 TO STA. 910+22.58

BRIDGE OMISSION:
STA. 910+22.58 TO STA. 915+54.42



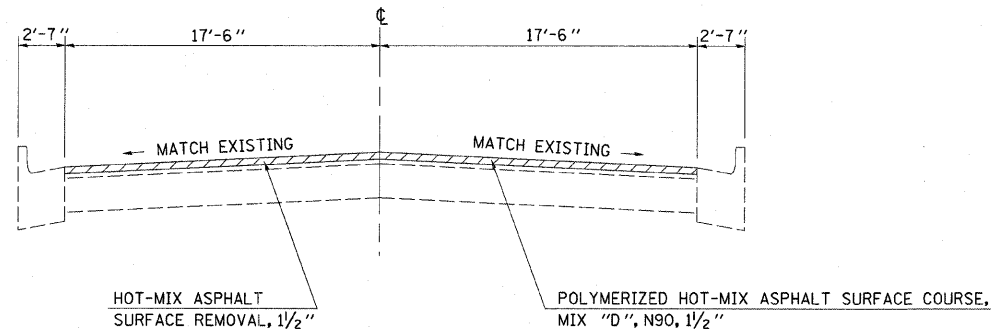
 HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"


NOT DRAWN TO SCALE

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca\pw_work\pwidot\swartzw\08212489\d77	600-shr-typicals.dgn	DRAWN -	REVISED -		716	(127R,RS-2)(130R-2,RS-1)	MACON	98	18			
	PLOT SCALE = 20.0000' / 1".	CHECKED -	REVISED -		SCALE: NA SHEET NO. 2 OF 11 SHEETS STA. TO STA.			CONTRACT NO. 74500				
	PLOT DATE = 10/13/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

⑤ PROPOSED TYPICAL CROSS SECTION

STA. 915+53.92 TO STA. 916+22.96

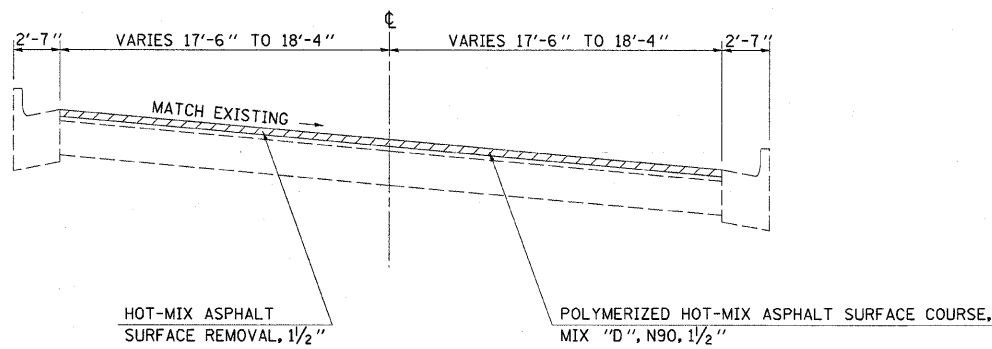



 HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

NOT DRAWN TO SCALE

⑥ PROPOSED TYPICAL CROSS SECTION

STA. 916+22.96 TO STA. 920+00.00



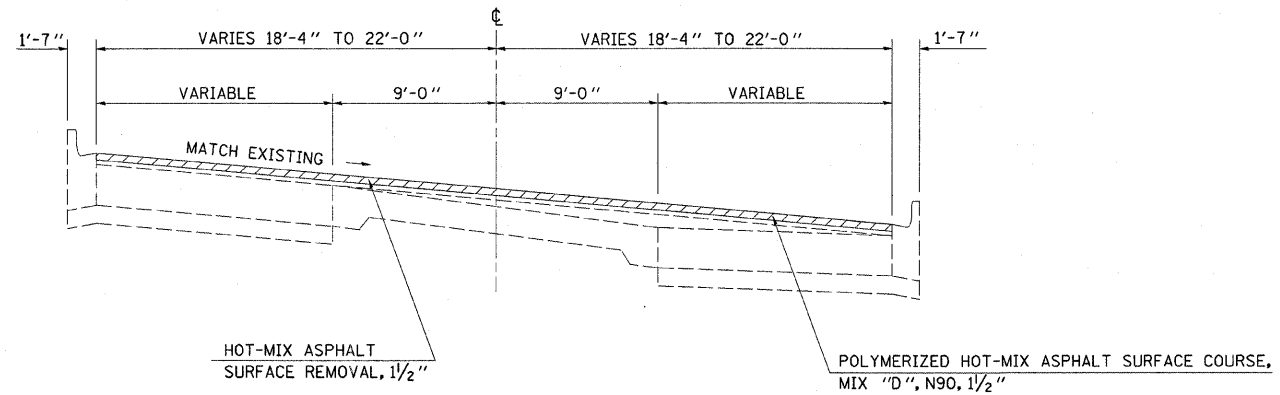
 HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"


NOT DRAWN TO SCALE

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\pwwork\swartzw\02212489\077	500-shr-typicals.dgn	DRAWN -	REVISED -		716	(127R,RS-2)(130R-2,RS-1)	MACON	98	19		
	PLOT SCALE = 20.0000' / 1/4"	CHECKED -	REVISED -		CONTRACT NO. 74500			ILLINOIS FED. AID PROJECT			
	PLOT DATE = 10/13/2011	DATE -	REVISED -		SCALE: NA	SHEET NO. 3 OF 11 SHEETS	STA. TO STA.				

⑦ PROPOSED TYPICAL CROSS SECTION

STA. 920+00.00 TO STA. 924+33.32

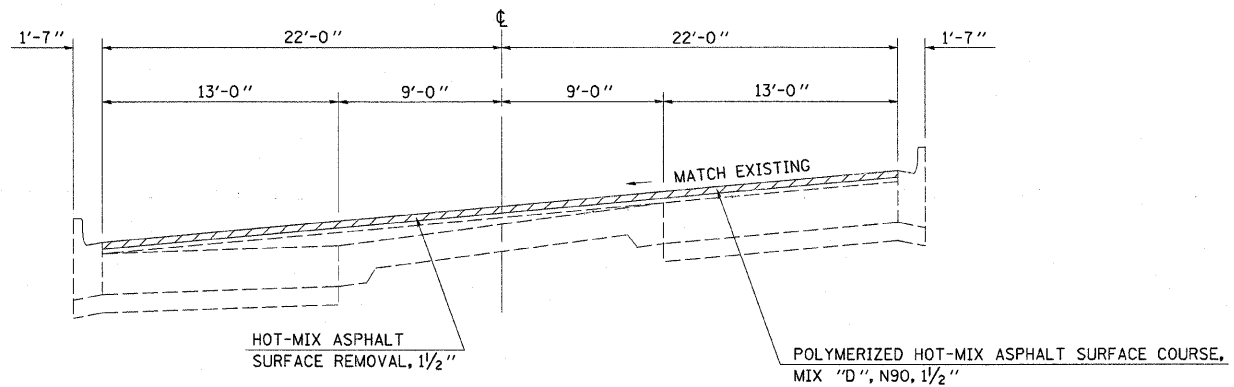



 HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

NOT DRAWN TO SCALE

⑧ PROPOSED TYPICAL CROSS SECTION

STA. 924+33.32 TO STA. 926+36.00



 HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

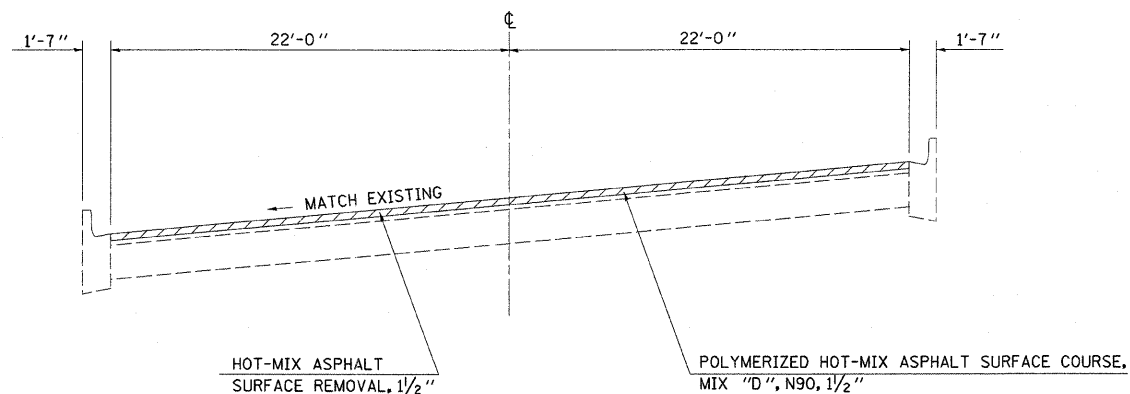
NOT DRAWN TO SCALE


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PLOT SCALE = 20.0000' / 1"	CHECKED -	REVISED -	REVISED -		SCALE: NA	SHEET NO. 4 OF 11 SHEETS	STA.	TO STA.	CONTRACT NO. 74500		
PLOT DATE = 10/13/2011	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT						

⑨ PROPOSED TYPICAL CROSS SECTION

STA. 926+36.00 TO STA. 1+16.53

STA. EQUATION:
STA. 927+31.07 (BK) = STA. 0+00.00 (AH)

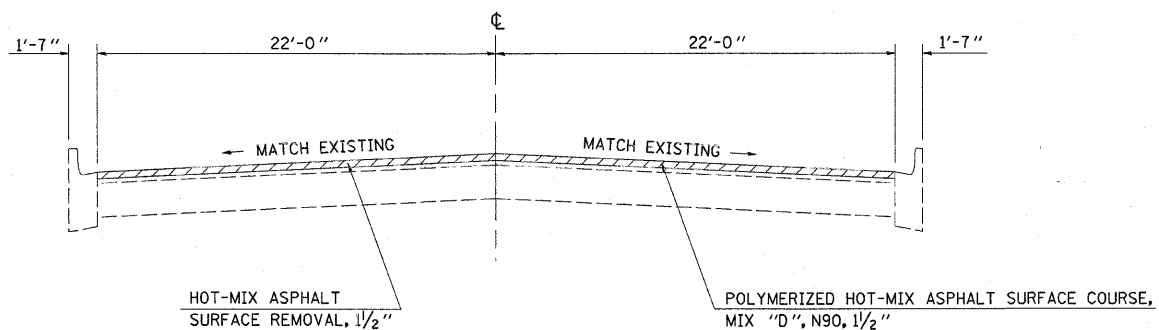



 HOT-MIX ASPHALT
SURFACE REMOVAL, 1/2"

NOT DRAWN TO SCALE

⑩ PROPOSED TYPICAL CROSS SECTION

STA. 1+16.53 TO STA. 6+00.00



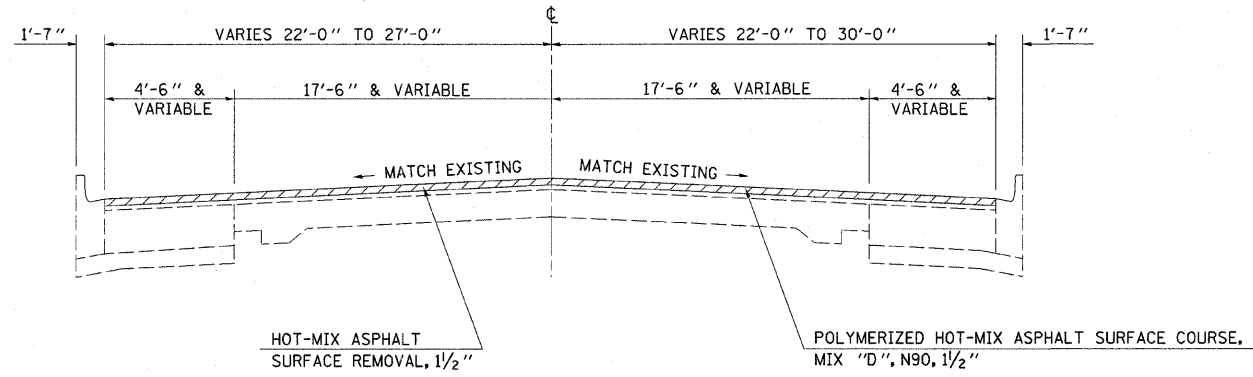
 HOT-MIX ASPHALT
SURFACE REMOVAL, 1/2"


NOT DRAWN TO SCALE

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\p\idot\swartzw\0212489\d774	500-sh-typical.dgn	DRAWN -	REVISED -		716	(127R,RS-2)(130R-2,RS-1)	MACON	98	21			
	PLOT SCALE = 20,0000' / 1" =	CHECKED -	REVISED -		SCALE: NA SHEET NO. 5 OF 11 SHEETS STA. TO STA.			CONTRACT NO. 74500				
	PLOT DATE = 10/13/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

11 PROPOSED TYPICAL CROSS SECTION

STA. 6+00.00 TO STA. 23+14.00

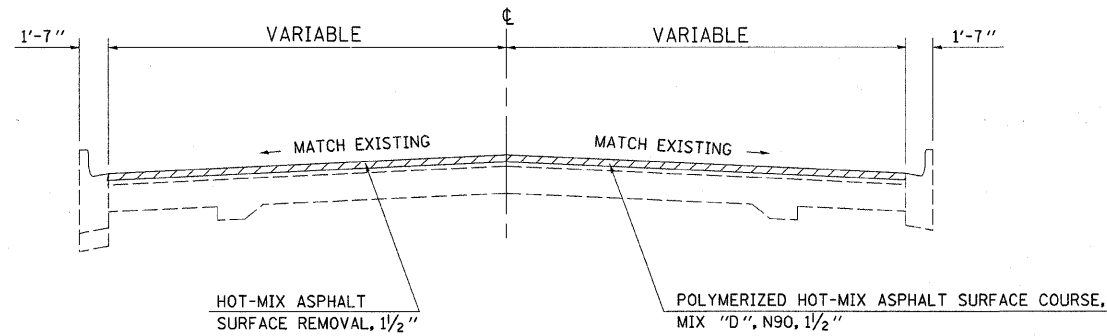



 HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

NOT DRAWN TO SCALE

12 PROPOSED TYPICAL CROSS SECTION

IL. RTE. 48 & WEST MAIN STREET
STA. 23+14.00 TO STA. 24+95.00



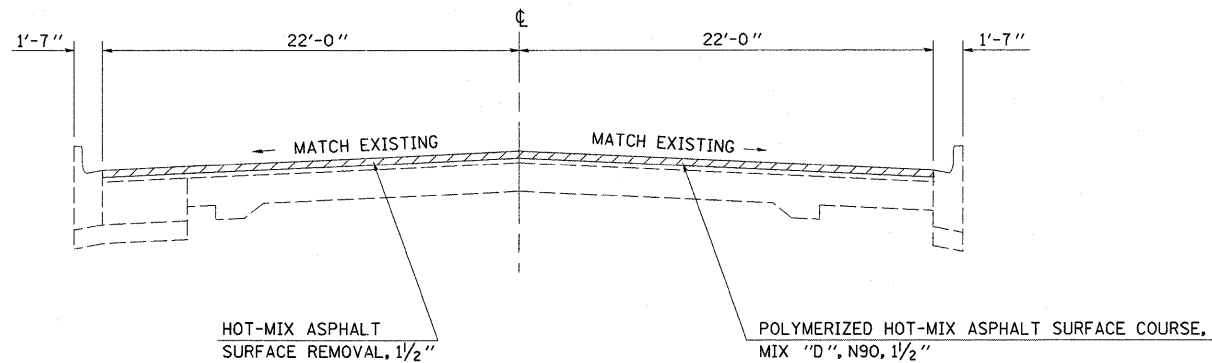
 HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"


NOT DRAWN TO SCALE

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca\pwwork\pwwidat\swartzw\d0212489\d77	500-sh-t-typical.dgn	DRAWN -	REVISED -		SCALE: NA	SHEET NO. 6 OF 11 SHEETS	STA. TO STA.	716	(127R,RS-2)(130R-2,RS-1)	MACON	98	22
	PLOT SCALE = 28,0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 74500				
	PLOT DATE = 10/13/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

15 PROPOSED TYPICAL CROSS SECTION

STA. 34+80.00 TO STA. 40+00.00

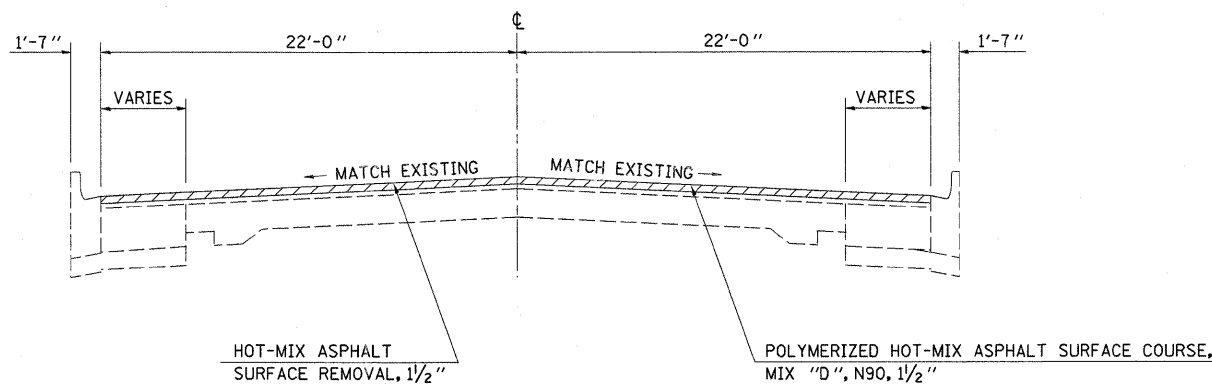



 HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

NOT DRAWN TO SCALE

16 PROPOSED TYPICAL CROSS SECTION

STA. 40+00.00 TO STA. 43+00.00



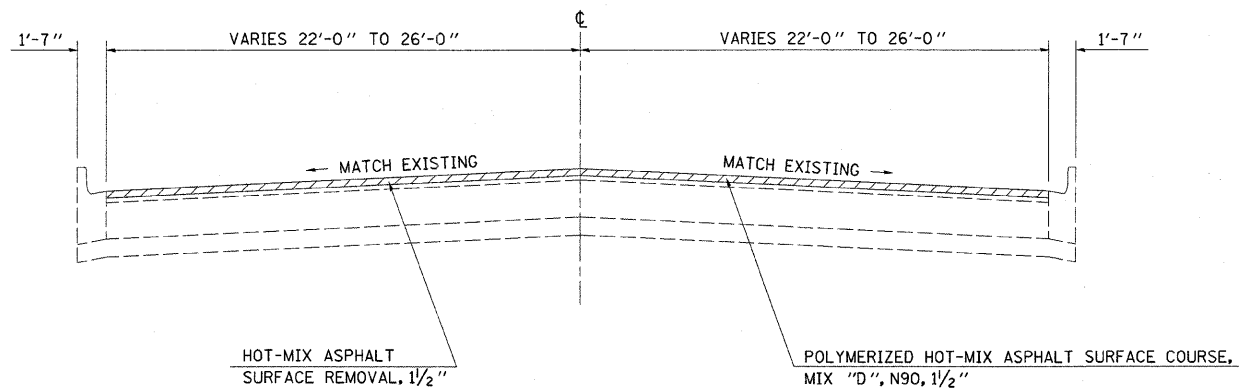
 HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

NOT DRAWN TO SCALE

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\pwidot\swartzw\d8212489\d77	600-sht-typicals.dgn	DRAWN -	REVISED -		716	(127R,RS-2)(130R-2,RS-1)	MACON	98	24			
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -		SCALE: NA SHEET NO. 8 OF 11 SHEETS STA. TO STA.			CONTRACT NO. 74500				
	PLOT DATE = 10/13/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

17 PROPOSED TYPICAL CROSS SECTION

STA. 43+00.00 TO STA. 46+00.00

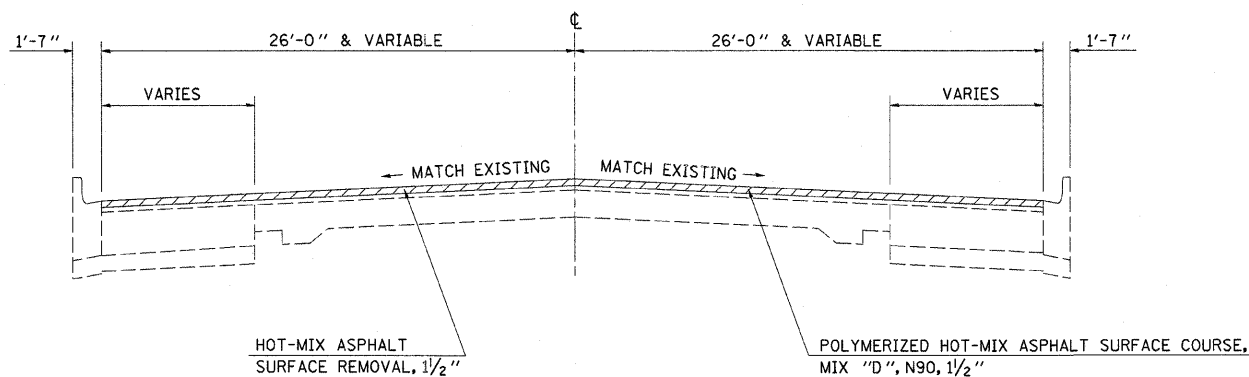


HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

NOT DRAWN TO SCALE

18 PROPOSED TYPICAL CROSS SECTION

STA. 46+00.00 TO STA. 47+32.00



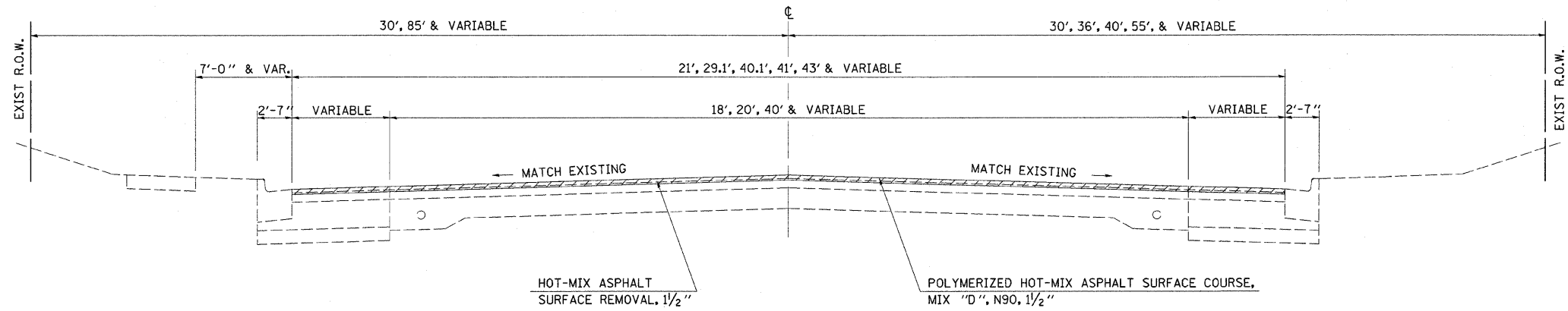
HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

NOT DRAWN TO SCALE

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cs\pw_work\pwidot\swartzrw\48212469\d77	500-sh-typical.s.dgn	DRAWN -	REVISED -		SCALE: NA	SHEET NO. 9 OF 11 SHEETS	STA. TO STA.	716	(127R,RS-2)(130R-2,RS-1)	MACON	98	25
	PLOT SCALE = 20,0000' / 1"	CHECKED -	REVISED -					CONTRACT NO. 74500				
	PLOT DATE = 10/13/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

19 PROPOSED TYPICAL CROSS SECTION

STA. 47+32.00 TO STA. 48+12.43

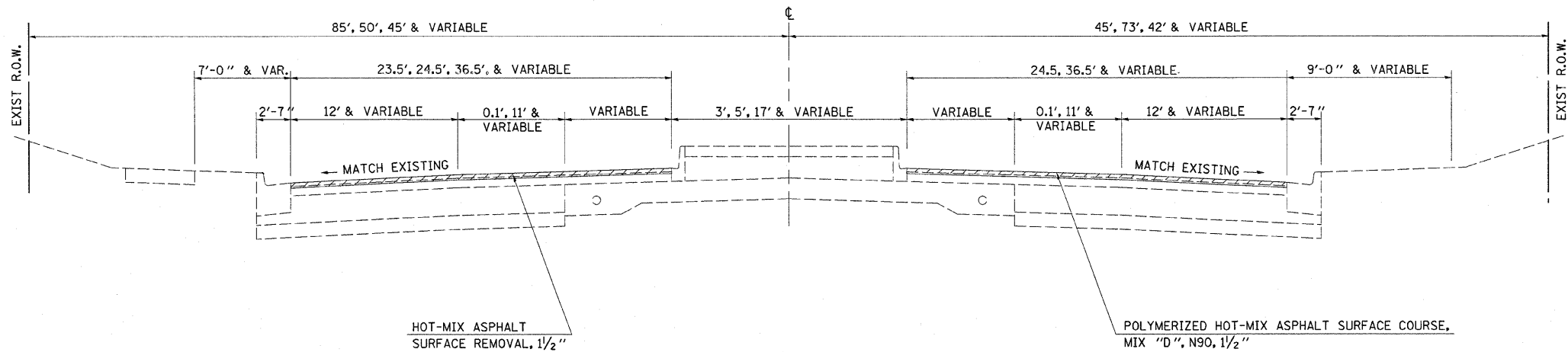


HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

NOT DRAWN TO SCALE

20 PROPOSED TYPICAL CROSS SECTION

STA. 48+12.43 TO STA. 53+61.50



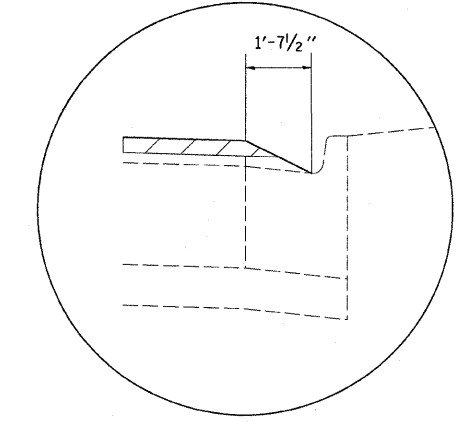
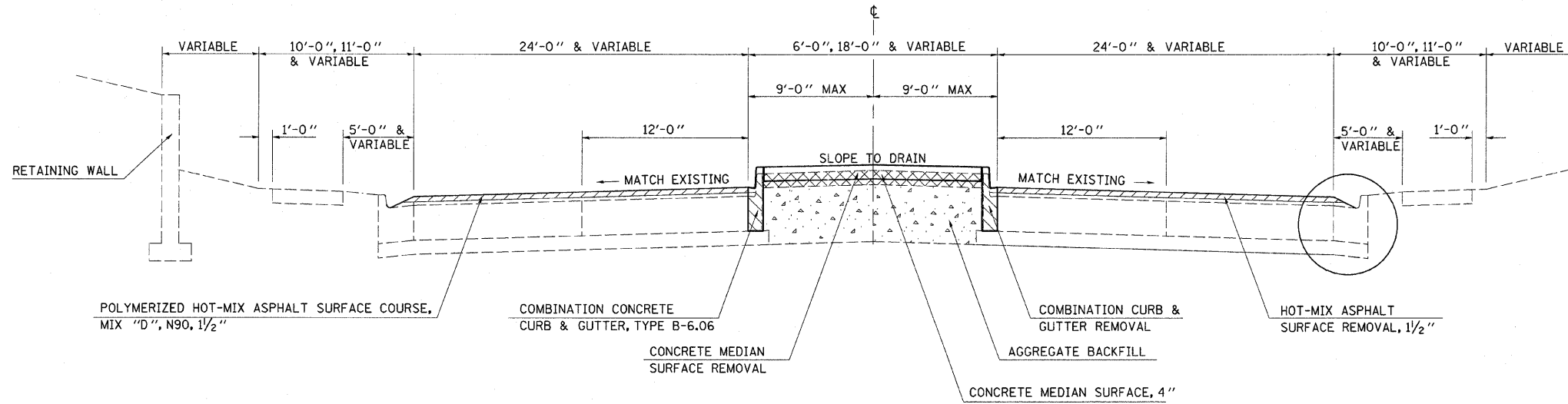
HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

NOT DRAWN TO SCALE

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwwork\pwwork\swartzw\d8212489\d77	500-sh-t-typoc1.dgn	DRAWN -	REVISED -		SCALE: NA	SHEET NO. 10 OF 11 SHEETS	STA. TO STA.	716	(127R,RS-2)(130R-2,RS-1)	MACON	98	26
	PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 74500		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 10/13/2011	DATE -	REVISED -									

21 PROPOSED TYPICAL CROSS SECTION

S.B.I. ROUTE 48
STA. 54+27.50 TO STA. 59+87.00

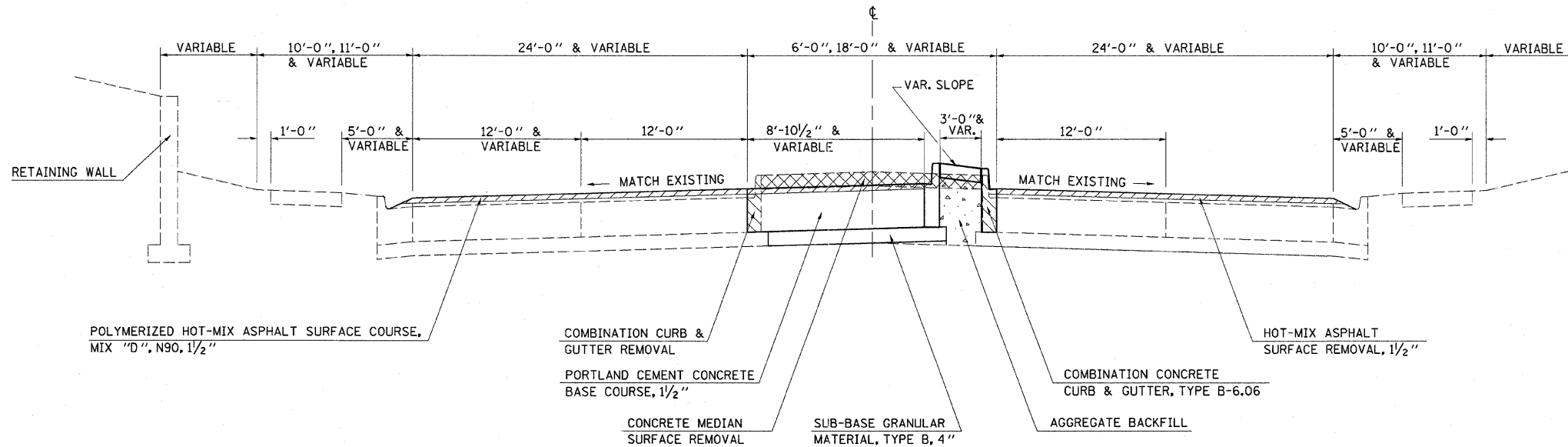


- COMBINATION CURB & GUTTER REMOVAL
- CONCRETE MEDIAN SURFACE REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

NOT DRAWN TO SCALE

22 PROPOSED TYPICAL CROSS SECTION

S.B.I. ROUTE 48
STA. 54+75.77 TO STA. 57+17.21



- COMBINATION CURB & GUTTER REMOVAL
- CONCRETE MEDIAN SURFACE REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

NOT DRAWN TO SCALE

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pw\dot\swartzw\d0212489\d774	500-shr-typicals.dgn	DRAWN -	REVISED -		716	(127R,RS-2)(130R-2,RS-1)	MACON	98	27			
	PLOT SCALE = 20.0000' / 1"	CHECKED -	REVISED -		SCALE: NA SHEET NO. 11 OF 11 SHEETS STA. TO STA.			CONTRACT NO. 74500				
	PLOT DATE = 10/13/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

PAVEMENT MARKING SCHEDULE			LENGTH	SHORT-TERM PAVEMENT MARKING (YELLOW)	SHORT-TERM PAVEMENT MARKING (WHITE)	TEMPORARY PAVEMENT MARKING-LETTERS AND SYMBOLS	TEMPORARY PAVEMENT MARKING-LINE 4" (DOUBLE YELLOW)	TEMPORARY PAVEMENT MARKING-LINE 4" (SINGLE YELLOW)	TEMPORARY PAVEMENT MARKING-LINE 4" (SKIP-DASH YELLOW)	TEMPORARY PAVEMENT MARKING-LINE 6" (SKIP-DASH WHITE)	TEMPORARY PAVEMENT MARKING-LINE 6"	TEMPORARY PAVEMENT MARKING-LINE 12" (YELLOW)	TEMPORARY PAVEMENT MARKING-LINE 12" (WHITE)	TEMPORARY PAVEMENT MARKING-LINE 24"	WORK ZONE PAVEMENT MARKING REMOVAL	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-LETTERS AND SYMBOLS	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-LINE 4" (DOUBLE YELLOW)	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-LINE 4" (SINGLE YELLOW)	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-LINE 4" (SKIP-DASH YELLOW)	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-LINE 6" (SKIP-DASH WHITE)	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-LINE 6"	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-LINE 12" (YELLOW)	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-LINE 12" (WHITE)	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-LINE 24"		
STATION	TO	STATION	FEET	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT		
IL 48																										
889+21.97	TO	894+06.00	484.0	290.4		62.4		968.1	242.0						498.1	62.4		968.1	242.0							
894+06.00	TO	895+46.00	140.0	378.0		31.2	280.0				98.4				215.8	31.2	280.0					98.4				
895+46.00	TO	896+29.00	83.0																							
896+29.00	TO	899+06.00	277.0	1,671.2			1113.1					108.1			664.9		1113.1						108.1			
899+06.00	TO	907+37.08	831.1	498.6			1662.2								609.6		1662.2									
907+37.08	=	907+35.70	STATION EQUATION																							
907+35.70	TO	912+46.00	510.3	306.2			1020.6								374.3		573.8									
912+46.00	TO	915+29.50	283.5	1,717.1	42.4		1143.6					81.9			658.7								0.0			
915+29.50	TO	916+50.00	120.5										222.0	14.1	250.2									222.0		
916+50.00	TO	917+39.96	90.0	54.0	269.9	31.2	179.9				90.0			23.0	218.2	31.2	179.9				90.0			23.0		
917+39.96	TO	923+22.30	582.3	1,163.9			2327.6								1188.0		2327.6						282.6			
923+22.30	TO	924+90.10	167.8	100.7	100.7	41.5	335.6			83.9					217.7	41.5	335.6			83.9						
924+90.10	TO	925+37.00	46.9		14.1					11.7					7.4					11.7						
925+37.00	TO	927+20.80	183.8	110.3	110.3		367.6			91.9					193.0		367.6			91.9						
927+20.80	TO	927+31.56	10.8		3.2					2.7					1.7					2.7						
927+31.56	=	0+00.00	STATION EQUATION																							
0+00.00	TO	0+75.70	75.7		22.7	41.5				18.9					53.5	41.5				18.9						
0+75.70	TO	1+22.70	47.0	28.2	28.2		94.0			23.5					49.4		94.0			23.5						
1+22.70	TO	2+09.70	87.0		26.1					21.8					13.8					21.8						
2+09.70	TO	3+64.10	154.4	92.6	92.6		308.8			77.2					162.1		308.8			77.2						
3+64.10	TO	4+50.10	86.0		25.8					21.5					13.6					21.5						
4+50.10	TO	4+96.30	46.2	27.7	27.7		92.4			23.1					48.5		92.4			23.1						
4+96.30	TO	5+83.30	87.0		26.1					21.8					13.8					21.8						
5+83.30	TO	6+97.00	113.7	68.2	68.2		227.4			56.9					119.4		227.4			56.9						
6+97.00	TO	7+82.40	85.4		25.6					21.4					13.5					21.4						
7+82.40	TO	8+91.90	109.5	65.7	65.7		219.0			54.8					115.0		219.0			54.8						
8+91.90	TO	9+79.90	88.0												0.0											
9+79.90	TO	12+61.90	282.0	169.2	169.2		564.0			141.0					296.1		564.0			141.0						
12+61.90	TO	13+45.90	84.0																	0.0						
13+45.90	TO	16+46.10	300.2	180.1	180.1		600.4			150.1					315.3		600.4			150.1						
16+46.10	TO	17+31.10	85.0																							
17+31.10	TO	18+97.70	167.6	100.6	100.6		335.2			83.8					176.0		335.2			83.8						
SUB-TOTALS			5,710	7,023	1,399	208	10,871	968	242	906	188	473	222	37	6,488	208	9,281	968	242	906	188	391	222	23		

PAVEMENT MARKING SCHEDULE (Cont' d)			LENGTH	SHORT-TERM PAVEMENT MARKING (YELLOW)	SHORT-TERM PAVEMENT MARKING (WHITE)	TEMPORARY PAVEMENT MARKING-LETTERS AND SYMBOLS	TEMPORARY PAVEMENT MARKING-LINE 4" (DOUBLE YELLOW)	TEMPORARY PAVEMENT MARKING-LINE 4" (SINGLE YELLOW)	TEMPORARY PAVEMENT MARKING-LINE 4" (SKIP-DASH YELLOW)	TEMPORARY PAVEMENT MARKING-LINE 6" (SKIP-DASH WHITE)	TEMPORARY PAVEMENT MARKING-LINE 6"	TEMPORARY PAVEMENT MARKING-LINE 12" (YELLOW)	TEMPORARY PAVEMENT MARKING-LINE 12" (WHITE)	TEMPORARY PAVEMENT MARKING-LINE 24"	WORK ZONE PAVEMENT MARKING REMOVAL	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING- LETTERS AND SYMBOLS	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-LINE 4" (DOUBLE YELLOW)	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-LINE 4" (SINGLE YELLOW)	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-LINE 4" (SKIP-DASH YELLOW)	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-LINE 6" (SKIP-DASH WHITE)	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-LINE 6"	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-LINE 12" (YELLOW)	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-LINE 12" (WHITE)	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-LINE 24"
STATION	TO	STATION	FEET	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
18+97.70	TO	20+17.00	119.3	802.3			486.1			59.7		38.0			319.1		486.1			59.7			38.0	
20+17.00	TO	21+03.90	86.9																					
21+03.90	TO	21+77.00	73.1	43.9	263.2	31.2	146.2			36.6	73.1				168.9	31.2	146.2			36.6	73.1			
21+77.00	TO	22+61.00	84.0	511.3	50.4		339.5			42.0		11.0			207.6		339.5			42.0		11.0		
22+61.00	TO	23+91.80	130.8	78.5	597.2	46.8	261.6			65.4	130.8				307.2	46.8	261.6			65.4	130.8			
23+91.80	TO	25+02.22	110.4										330.0	42.1	414.2								330.0	42.1
25+02.22	TO	26+17.40	115.2	764.1	465.5	31.2	462.9			57.6	115.2	26.6			515.1	31.2	462.9			57.6	115.2	26.6		40.0
26+17.40	TO	32+60.30	642.9	3,907.3			1964.3	303.9		321.5		287.5	96.0		1734.7		1964.3	303.9		321.5		287.5	96.0	
32+60.30	TO	33+69.30	109.0	65.4	65.4		218.0			54.5					114.5		218.0			54.5		0.0		
33+69.30	TO	34+57.12	87.8		26.3					22.0					13.9					22.0				
34+57.12	TO	39+89.80	532.7	319.6	393.4	83.0	1065.4			266.3					650.6	83.0	1065.4			266.3				
39+89.80	TO	40+79.80	90.0	54.0									246.0	24.6	301.2								246.0	24.6
40+79.80	TO	44+53.00	373.2	223.9	223.9	83.0	746.4			186.6					474.9	83.0	746.4			186.6				
44+53.00	TO	48+12.40	359.4	215.6	215.6		1437.6			179.7		42.3			659.4		1437.6			179.7		42.3		
48+12.40	TO	53+61.89	549.5	3,331.9	899.3	46.8		1110.6		274.7	143.6				1190.1	46.8		1110.6		274.7	143.6			46.8
53+61.89	TO	54+27.13	65.2																					
54+27.13	TO	55+85.10	158.0	954.7	1,045.9	78.0		318.2		79.0	255.3			61.7	697.0	78.0		318.2		79.0	255.3			61.7
55+85.10	TO	59+88.40	403.3	2,429.4	242.0			809.8		201.7					667.7			809.8		201.7				
(EAST LEG) SUNSET AVE.											115.3		156.0	18.5	94.7						115.3			18.5
(WEST LEG) W. MAIN ST.								89.5		10.0	63.4		174.0	38.7	295.0		399.8	89.5		10.0	63.4		156.0	38.7
(EAST LEG) W. MAIN ST.																	776.2							
(WEST LEG) ELDORADO ST.										176.8		132.0	26.9	174.0									174.0	
INTERSECTION ELDORADO ST./IL 48													120.0		132.0								132.0	
ELDORADO ST TO US 36																							120.0	
5+56.46	TO	6+56.42				114.2	399.8						846.0			114.2				100.0			26.9	
6+56.42	TO	10+44.53				171.3	776.2									171.3				290.9		112.8	32.3	
INTERSECTION IL 48/KING ST.															846.0								846.0	
SUB-TOTALS			3,885	13,702	4,488	686	8,304	2,632	0	1,857	1,288	405	2,213	332	10,098	686	8,304	2,632	0	1,857	1,288	405	2,213	332
PROJECT TOTALS			9,594	20,725	5,887	893	19,175	3,600	242	2,763	1,476	878	2,435	369	16,585	893	17,585	3,600	242	2,763	1,476	796	2,435	355

PAVING SCHEDULE		LENGTH	PAVEMENT WIDTH	AREA	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90
STATION TO	STATION	FEET	FEET	SQ YD		GALLON	TON	TON
IL 48								
889+21.97	895+65.66	643.7	36.0	2,574.8	2574.8	128.7	0.6	216.3
895+65.66	TO 899+06.00	340.3	31.0	1,172.3	1172.3	58.6	0.3	98.5
899+06.00	TO 907+37.08	831.1	26.0	2,400.9	2400.9	120.0	0.5	201.7
907+37.08	= 907+35.70	STATION EQUATION						
907+35.70	TO 910+22.58	286.9	26.0	828.8	828.8	41.4	0.1	69.6
910+22.58	TO 915+54.42	531.8	Variable	PAVING OMISSION				
915+54.42	TO 919+30.00	375.6	35.0	1,460.6	1460.6	73.0	0.3	122.7
919+30.00	TO 923+22.30	392.3	39.5	1,721.8	1721.8	86.1	0.4	144.6
923+22.30	TO 927+31.07	408.8	44.0	1,998.4	1998.4	99.9	0.4	167.9
927+31.07	= 0+00.00	STATION EQUATION						
0+00.00	TO 9+36.50	936.5	44.0	4,578.4	4578.4	228.9	1.0	384.6
9+36.50	TO 13+04.12	367.6	44.0	1,797.3	1797.3	89.9	0.4	151.0
13+04.12	TO 18+68.83	564.7	44.0	2,760.8	2760.8	138.0	0.6	231.9
18+68.83	TO 23+14.00	445.2	50.5	2,497.9	2497.9	124.9	0.6	209.8
23+14.00	TO 25+41.54	227.5	Variable	1,352.0	1352.0	67.6	0.3	113.6
25+41.54	TO 32+84.91	743.4	Variable	4,344.6	4344.6	217.2	1.0	364.9
32+84.91	TO 39+80.25	695.3	44.0	3,399.4	3399.4	170.0	0.8	285.6
39+80.25	TO 41+12.27	132.0	Variable	821.3	821.3	41.1	0.2	69.0
41+12.27	TO 44+25.00	312.7	44.0	1,528.9	1528.9	76.4	0.3	128.4
44+25.00	TO 45+25.00	100.0	48.0	532.7	532.7	26.6	0.1	44.8
45+25.00	TO 48+00.00	275.0	52.0	1,588.9	1588.9	79.4	0.4	133.5
48+00.00	TO 49+79.12	179.1	50.5	999.4	999.4	50.0	0.2	83.9
49+79.12	TO 52+63.02	283.9	55.1	1,715.7	1715.7	85.8	0.4	144.1
52+63.02	TO 55+17.32		Variable	2,194.1	2194.1	109.7	0.5	184.3
55+17.32	TO 57+07.00	189.7	60.8	1,250.4	1250.4	62.5	0.3	105.0
57+07.00	TO 59+63.00	256.0	49.0	1,405.5	1405.5	70.3	0.3	118.1
59+63.00	TO 60+95.00	132.0	Variable	755.2	755.2	37.8	0.2	63.4
E. SUNSET AVE.								
5+22.00	TO 5+51.97	30.0	Variable	132.9	132.9	6.6	0.0	11.2 CITY
(WEST) MAIN ST.								
49+10.43	TO 49+73.42	63.0	Variable	531.4	531.4	26.6	0.1	44.6 CITY
(EAST) MAIN ST.								
50+31.44	TO 50+56.54	25.1	Variable	288.8	288.8	14.4	0.1	24.3 CITY
SHEET TOTALS								
		9,769		46,633	46,633	2,332	10	3,917

PAVEMENT MARKING REMOVAL SCHEDULE

LOCATION	LENGTH FOOT	DBL 4" YELLOW SQ FOOT	6" WHITE SQ FOOT	12" YELLOW SQ FOOT	24" WHITE SQ FOOT	AREA SQ FT
IL 48						
908+09.58 TO 910+22.58	213.0	142.0				142.0
910+22.58 TO 912+46.00	223.4	149.0				149.0
912+46.00 TO 915+29.52	283.5	372.2		81.9		454.1
915+29.52 TO 915+34.42	4.9				28.2	28.2
916+50.00 TO 917+39.92	89.9	60.0	45.0		46.0	150.9
908+09.58 TO 917+39.93 CENTERLINE, MEDIAN, STOP BARS, ECT.						FOR TRAFFIC CNTL
						PROJECT TOTAL
						924

PRIZMATIC CURB REFLECTORS SCHEDULE

LOCATION	LENGTH	QUANTITY (AMBER)	QUANTITY (CRYSTAL)	EACH
IL 48				
30+34.21 TO 30+82.58	48.4	10		10
40+79.80 TO 44+53.00	373.2			
44+53.00 TO 48+12.40	359.4			
48+12.40 TO 53+61.89	549.5	35		35
53+61.89 TO 54+27.13	65.2			
54+27.13 TO 55+85.10	158.0	13		13
55+85.10 TO 59+88.40	403.3	27		27
TOTAL =				85
AMBER				85
CRYSTAL				0

RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE) SCHEDULE

LOCATION	LENGTH	QUANTITY 2-Way (AMBER)	QUANTITY 1-Way (AMBER)	QUANTITY 1-Way (CRYSTAL)	EACH
IL 48					
907+35.70 TO 912+46.00	510.3	12			12
912+46.00 TO 915+29.50	283.5	1	15		16
PROJECT TOTAL =					28

RAISED REFLECTIVE PAVEMENT MARKERS SCHEDULE

LOCATION	LENGTH	QUANTITY	QUANTITY	QUANTITY	EACH
		2-Way (AMBER)	1-Way (AMBER)	1-Way (CRYSTAL)	
IL 48					
889+21.97 TO 894+06.00	484.0	24	0	0	24
894+06.00 TO 895+46.00	140.0	8	0	3	11
895+46.00 TO 896+29.00	83.0	0	0	0	0
896+29.00 TO 899+06.00	277.0	1	29	0	30
899+06.00 TO 907+37.08	831.1	43	0	0	43
907+37.08 = 907+35.70	0.0	STATION EQUATION			0
907+35.70 TO 912+46.00	510.3	14	0	0	14
912+46.00 TO 915+29.50	283.5	0	0	0	0
915+29.50 TO 916+50.00	120.5	0	0	0	0
916+50.00 TO 917+39.96	90.0	6	0	3	9
917+39.96 TO 923+22.30	582.3	0	28	0	28
923+22.30 TO 924+90.10	167.8	10	0	4	14
924+90.10 TO 925+37.00	46.9	0	0	1	1
925+37.00 TO 927+20.80	183.8	6	0	6	12
927+20.80 TO 927+31.56	10.8	0	0	0	0
927+31.56 = 0+00.00	0.0	STATION EQUATION			0
0+00.00 TO 0+75.70	75.7	0	0	1	1
0+75.70 TO 1+22.70	47.0	4	0	2	6
1+22.70 TO 2+09.70	87.0	0	0	1	1
2+09.70 TO 3+64.10	154.4	8	0	4	12
3+64.10 TO 4+50.10	86.0	0	0	1	1
4+50.10 TO 4+96.30	46.2	4	0	2	6
4+96.30 TO 5+83.30	87.0	0	0	1	1
5+83.30 TO 6+97.00	113.7	6	0	4	10
6+97.00 TO 7+82.40	85.4	0	0	1	1
7+82.40 TO 8+91.90	109.5	6	0	4	10
8+91.90 TO 9+79.90	88.0	0	0	0	0
9+79.90 TO 12+61.90	282.0	16	0	8	24
12+61.90 TO 13+45.90	84.0	0	0	0	0
13+45.90 TO 16+46.10	300.2	16	0	8	24
16+46.10 TO 17+31.10	85.0	0	0	0	0
17+31.10 TO 18+97.70	167.6	10	0	4	15
18+97.70 TO 20+17.00	119.3	1	6	4	11
SUB-TOTAL =					307

RAISED REFLECTIVE PAVEMENT MARKERS SCHEDULE (Cont' d)

LOCATION	LENGTH	QUANTITY	QUANTITY	QUANTITY	EACH
		2-Way (AMBER)	1-Way (AMBER)	1-Way (CRYSTAL)	
IL 48					
20+17.00 TO 21+03.90	86.9	0	0	0	0
21+03.90 TO 21+77.00	73.1	4	0	3	7
21+77.00 TO 22+61.00	84.0	0	7	2	9
22+61.00 TO 23+91.80	130.8	6	0	8	14
23+91.80 TO 25+02.22	110.4	0	0	0	0
25+02.22 TO 26+17.40	115.2	1	8	8	17
26+17.40 TO 32+60.30	642.9	0	26	16	42
32+60.30 TO 33+69.30	109.0	4	0	4	8
33+69.30 TO 34+57.12	87.8	0	0	1	1
34+57.12 TO 39+89.80	532.7	28	0	14	42
39+89.80 TO 40+79.80	90.0	0	0	0	0
40+79.80 TO 44+53.00	373.2	20	0	10	30
44+53.00 TO 48+12.40	359.4	0	18	10	28
48+12.40 TO 53+61.89	549.5	0	0	18	18
53+61.89 TO 54+27.13	65.2	0	0	0	0
54+27.13 TO 55+85.10	158.0	0	0	11	11
55+85.10 TO 59+88.40	403.3	0	0	10	10
2-Way Amber 234					SUB-TOTAL = 237
1-Way Amber 116					PROJECT TOTAL = 544
1-Way Crystal 168					

EARTHWORK SCHEDULE

Location	Earth Excavation	Earth Excavation	Embankment	Earthwork Balance
	CU. YD.	Adj. for Shrinkage CU. YD.	CU. YD.	Waste (+)/Shortage (-) CU. YD.
54+27.46 TO 59+87.96 (MEDIAN)	174.0	130.5		+130.5
PROJECT TOTAL	174.0	130.5	0.0	+130.5

AGGREGATE BACKFILL SCHEDULE

LOCATION	AREA SQ FT	DEPTH FT.	AREA SQ YD	QTY TON
IL 48				
54+27.46 TO 59+87.96 MEDIAN	4037.72	1.21	180.70	370.43
Total =				370.4

CONCRETE MEDIAN SURFACE REMOVAL SCHEDULE

LOCATION	AREA SQ FT
IL 48	
54+27.46 TO 59+87.96 MEDIAN	4627.78
Total =	
4,627.8	

COMBINATION CONCRETE CURB & GUTTER,
TYPE B-6.06 SCHEDULE

LOCATION	LENGTH FOOT
IL 48	
54+33.45 TO 59+82.06 MEDIAN	1,097.0
Total =	
1,097.0	

CONCRETE MEDIAN SURFACE, 4" SCHEDULE

LOCATION	AREA SQ FT
IL 48	
54+27.46 TO 59+87.96 MEDIAN	4095.67
Total =	
4,095.7	

EPOXY PAVEMENT MARKING SCHEDULE		LENGTH	EPOXY PAVEMENT MARKING-LINE 4" (YELLOW)	EPOXY PAVEMENT MARKING-LINE 12" (YELLOW)	EPOXY PAVEMENT MARKING-LINE 24" (WHITE)
STATION TO	STATION	FEET	FOOT	FOOT	FOOT
IL 48					
910+22.58	TO 912+46.00	223.42	446.8		
912+46.00	TO 915+29.50	283.50	1,143.6	89.1	14.1
PROJECT TOTALS		507	1,590	89	14

CURB & GUTTER REMOVAL SCHEDULE

LOCATION	LENGTH FEET
IL 48	
54+27.46 TO 59+87.96 MEDIAN	1122.9
Project Total =	
1,122.9	

CONCRETE CURB REPAIR SCHEDULE

LOCATION	TYPE	QUANTITY (FOOT)
IL 48		
49+50.00 TO 53+60.10	B6.12	56.0
TOTAL =		56.0

TEMPORARY RAMP SCHEDULE

LOCATION	LENGTH FEET	WIDTH FEET	AREA SQ YD
IL 48			
889+21.97 TO 889+26.97	5.0	36.0	20.0
60+90.00 TO 60+95.00	5.0	VARIABLE	26.7
SUNSET AVE. (EAST)			
5+46.94 TO 5+91.97	5.0	VARIABLE	15.2
W. MAIN ST. (WEST)			
49+10.43 TO 49+15.43	5.0	VARIABLE	30.5
W. MAIN ST. (EAST)			
50+51.54 TO 50+56.54	5.0	VARIABLE	43.1
ELDORADO ST. (WEST)			
5+35.50 TO 5+40.50	5.0	VARIABLE	38.0
TOTAL=			173

CLASS D PATCHES SCHEDULE

CLASS D PATCHES, TYPE I, 10 INCH	CLASS D PATCHES, TYPE II, 10 INCH	CLASS D PATCHES, TYPE III, 10 INCH	CLASS D PATCHES, TYPE IV, 10 INCH	CLASS D PATCHES, TYPE I, 12 INCH	CLASS D PATCHES, TYPE II, 12 INCH	CLASS D PATCHES, TYPE II, 13 INCH	CLASS D PATCHES, TYPE III, 13 INCH
SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
157	161	54	31	25	61	110	36

PROTECTING OR RESETTING SURVEY MARKERS SCHEDULE

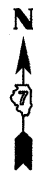
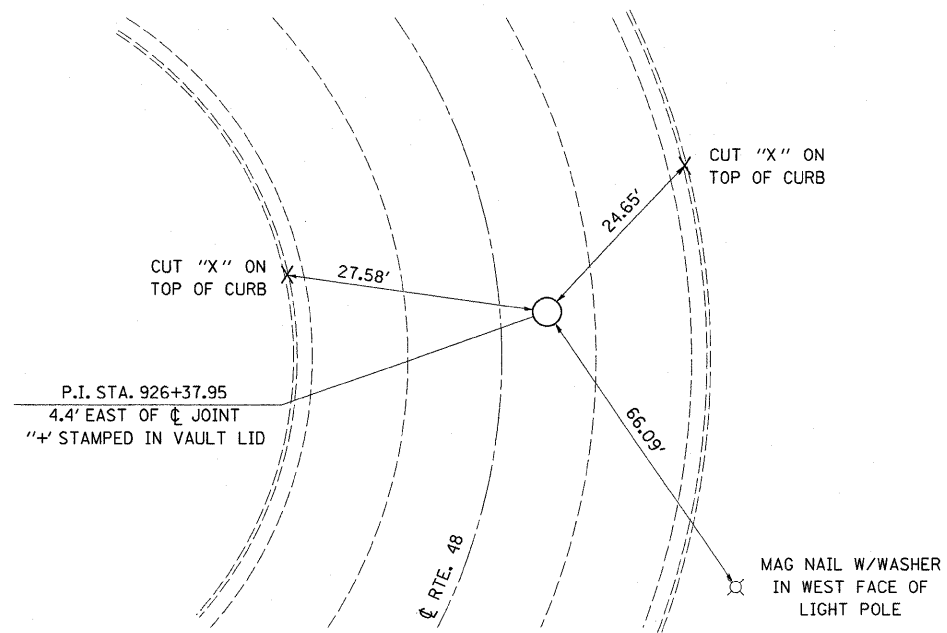
LOCATION	POINT	O/S	TYPE	QUANTITY EACH
IL 48				
BK 907+37.08 =	PT	0	VAULT	1 STA. EQ.
AH 907+35.70				
917+39.96	PC	0	VAULT	1
923+22.32	PT	0	VAULT	1
925+44.32	PC	0	VAULT	1
926+37.95	PI	0	VAULT	1
BK 927+31.56 =	PT	0	VAULT	1 STA. EQ.
AH 0+00.00				
20+00.00	POT	0	MAG NAIL/WASHER	1
24+42.75	POT	0	MAG NAIL/WASHER	1
27+89.61	PC	0	VAULT	1
28+14.61	PI	0	VAULT	1
28+39.60	PT	0	VAULT	1
34+40.33	PC	0	VAULT	1
35+40.33	PI	0	VAULT	1
36+40.29	PT	0	VAULT	1
40+33.45	POT	0	IP/YELLOW CAP	1
40+80.29	PC	0	VAULT	1
41+80.29	PI	0	VAULT	1
42+90.29	PRC	0	VAULT	1
43+80.29	PI	0	VAULT	1
44+80.29	PT	0	VAULT	1
59+00.00	PC	0	BRASS DISC IN MEDIAN	1
Total =				21

SURVEY MARKER VAULT SCHEDULE

LOCATION	POINT	O/S	TYPE	QUANTITY EACH
IL 48				
20+00.00	POT	0	MAG NAIL/WASHER	1
24+42.75	POT	0	MAG NAIL/WASHER	1
40+33.45	POT	0	IP/YELLOW CAP	1
59+00.00	PC	0	BRASS DISC IN MEDIAN	1
Total =				4

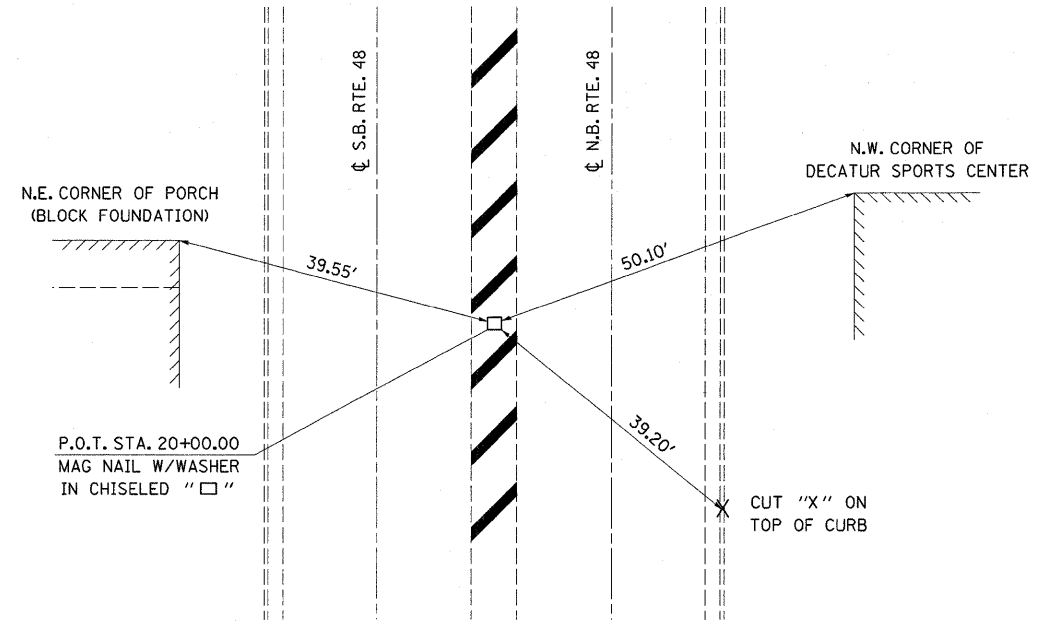
P. I. STA. 926+37.95

VAULT



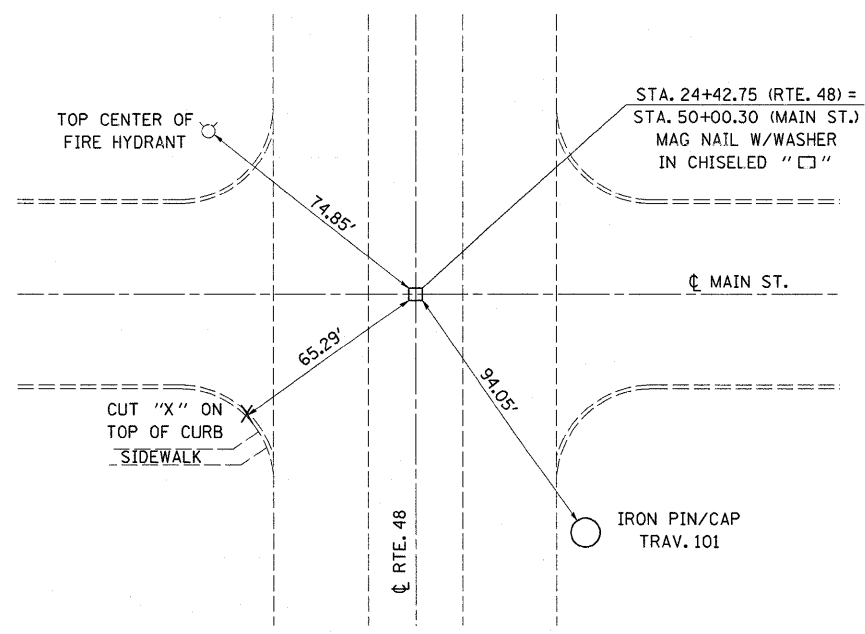
NOTE: NOT DRAWN TO SCALE

P. O. T. STA. 20+00.00



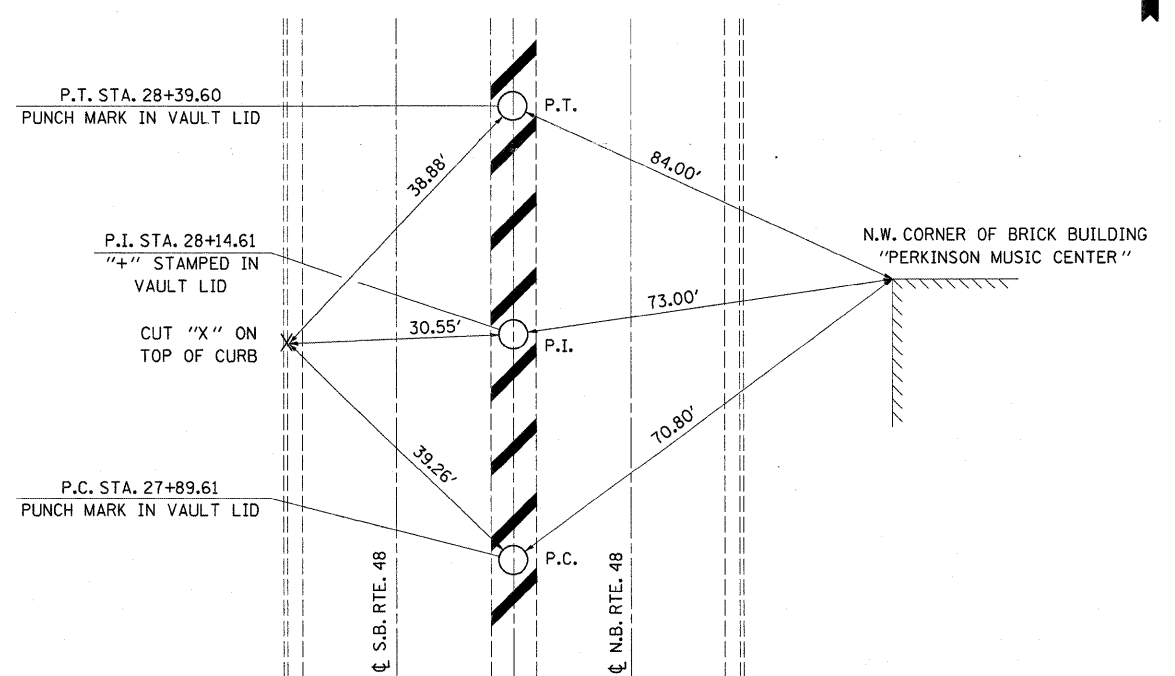
NOTE: NOT DRAWN TO SCALE

STA. 24+42.75 (RTE. 48) =
STA. 50+00.30 (MAIN ST.)



NOTE: NOT DRAWN TO SCALE

P. T. STA. 28+39.60
P. I. STA. 28+14.61
P. C. STA. 27+89.61



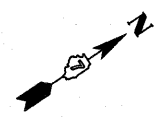
NOTE: NOT DRAWN TO SCALE

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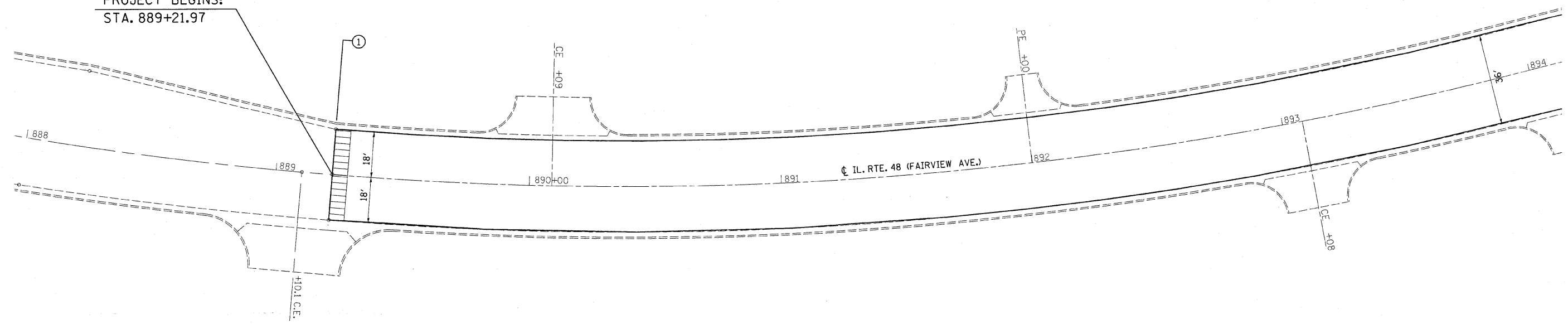
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TIE POINTS	
SCALE: NA	SHEET NO. 1 OF 2 SHEETS
STA.	TO STA.

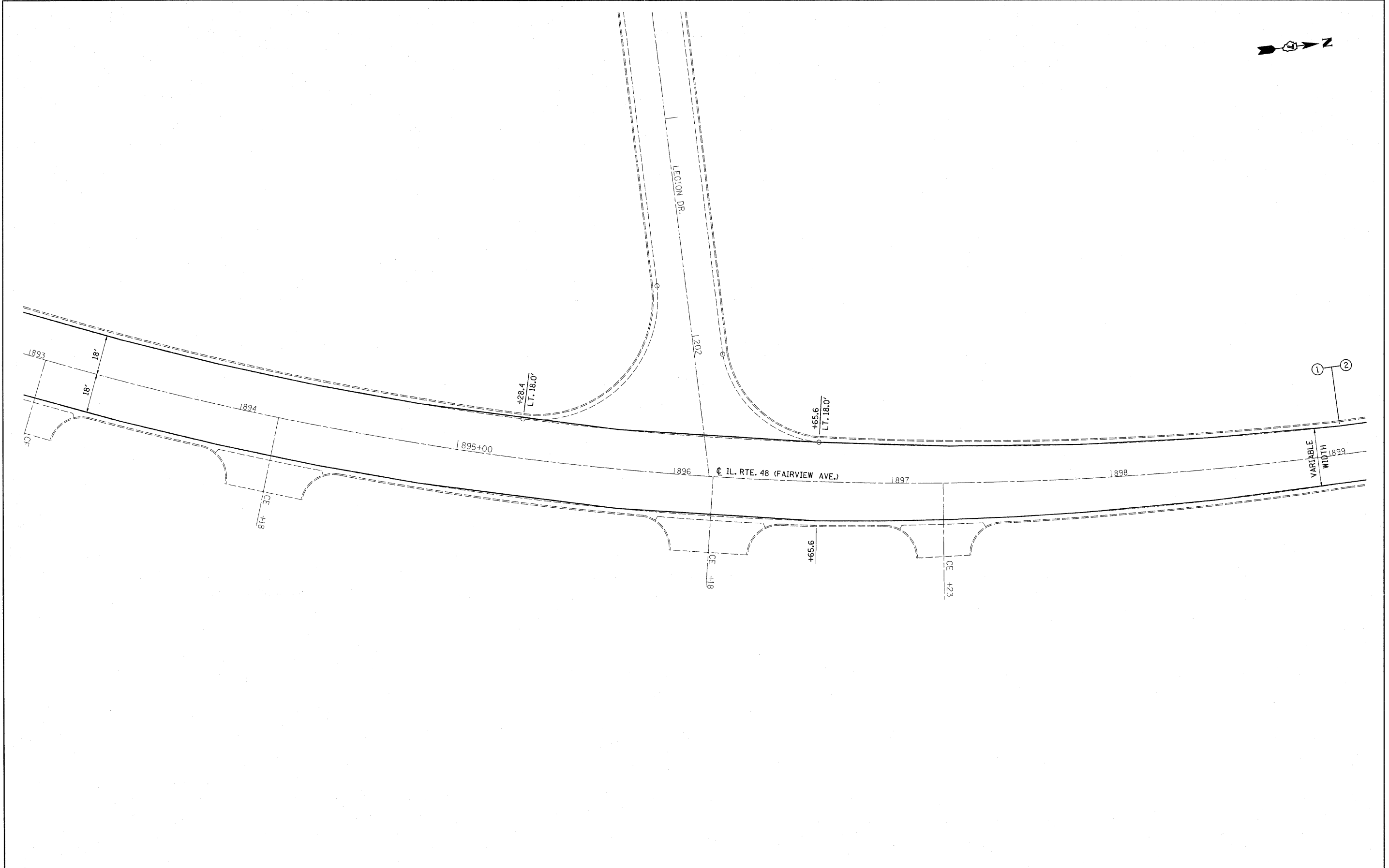
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	34
CONTRACT NO. 74500			ILLINOIS FED. AID PROJECT	



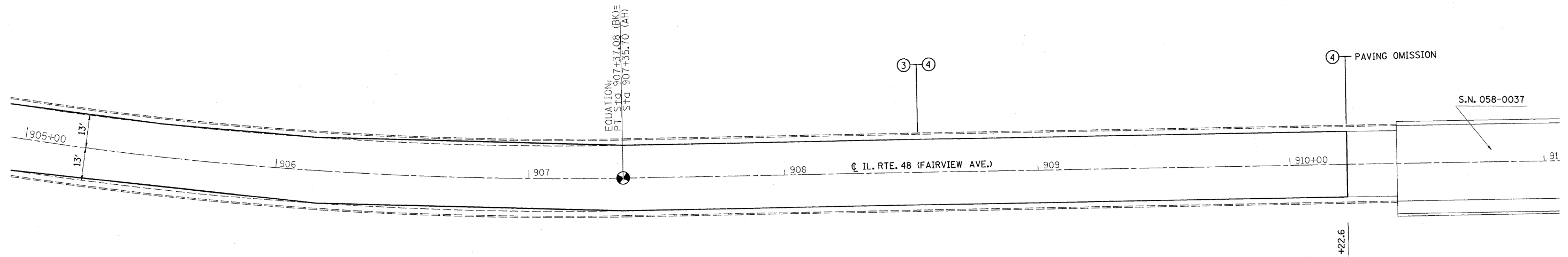
PROJECT BEGINS:
STA. 889+21.97



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	PLOT SCALE = 20.0000' / 1" =	DRAWN -	REVISED -		SCALE: 20	SHEET NO. 1 OF 18 SHEETS	STA. 889+21.97 TO STA. 893+00	716	(127R,RS-2)(130R-2,RS-1)	MACON	98	36
	PLOT DATE = 10/13/2011	CHECKED -	REVISED -					CONTRACT NO. 74500		ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -									



FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -								CONTRACT NO. 74500	
	PLOT DATE = 10/13/2011	DATE -	REVISED -								ILLINOIS FED. AID PROJECT	



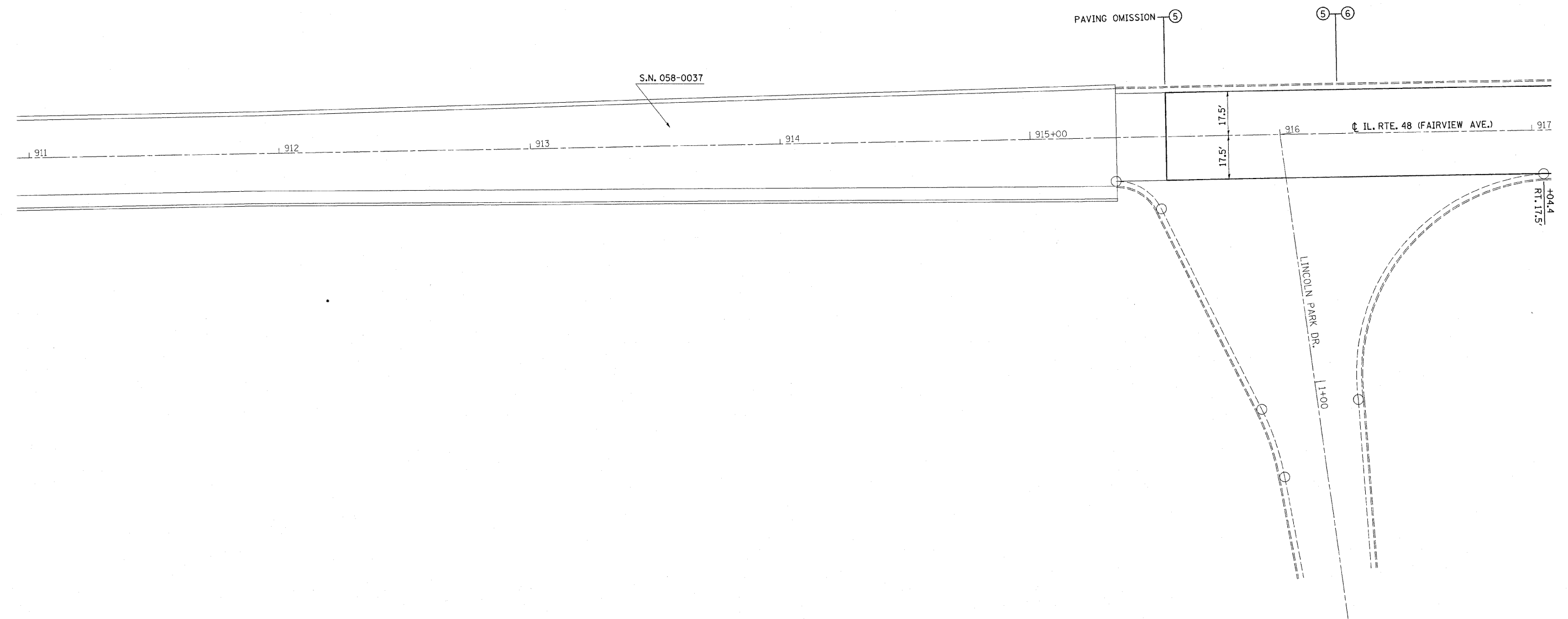
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

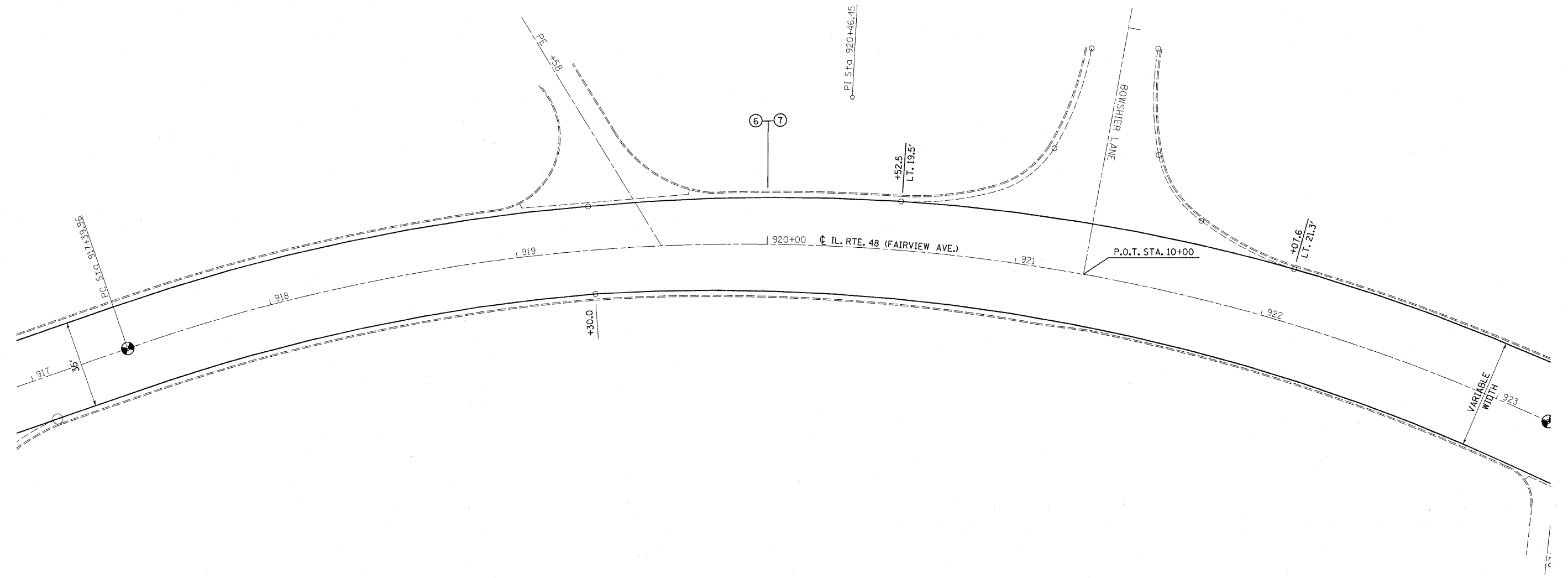
PLAN SHEET

SCALE: 20 SHEET NO. 4 OF 18 SHEETS STA. 905+00 TO STA. 911+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	39
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74500	

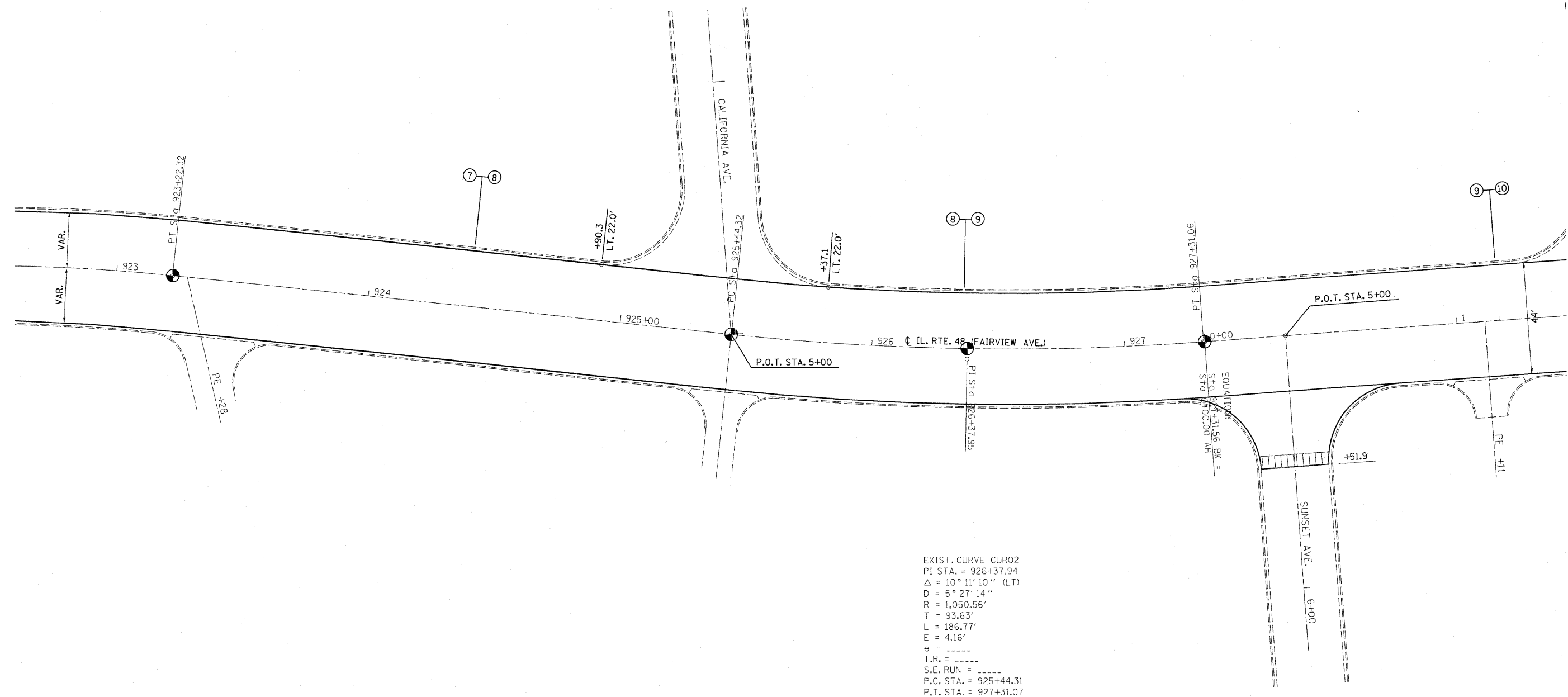


FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca\pw_work\pwidot\swartzw\d0212489\d774500-sh1-plan.dgn		DRAWN -	REVISED -		SCALE: 20	SHEET NO. 5 OF 18 SHEETS	STA. 911+00 TO STA. 917+00	716	(127R,RS-2)(130R-2,RS-1)	MACON	98	40
PLOT SCALE = 20.0000' / 1" =		CHECKED -	REVISED -					CONTRACT NO. 74500				
PLOT DATE = 10/13/2011		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

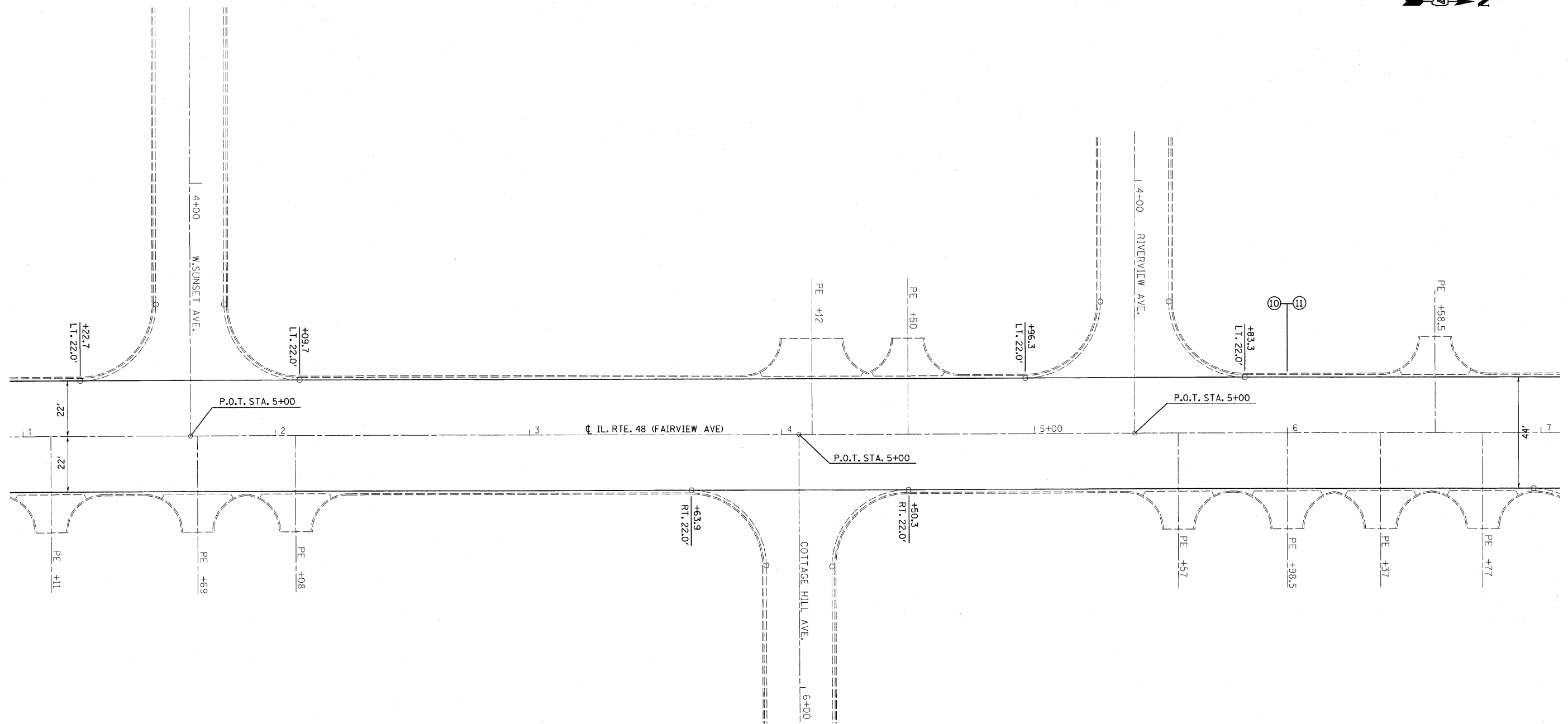


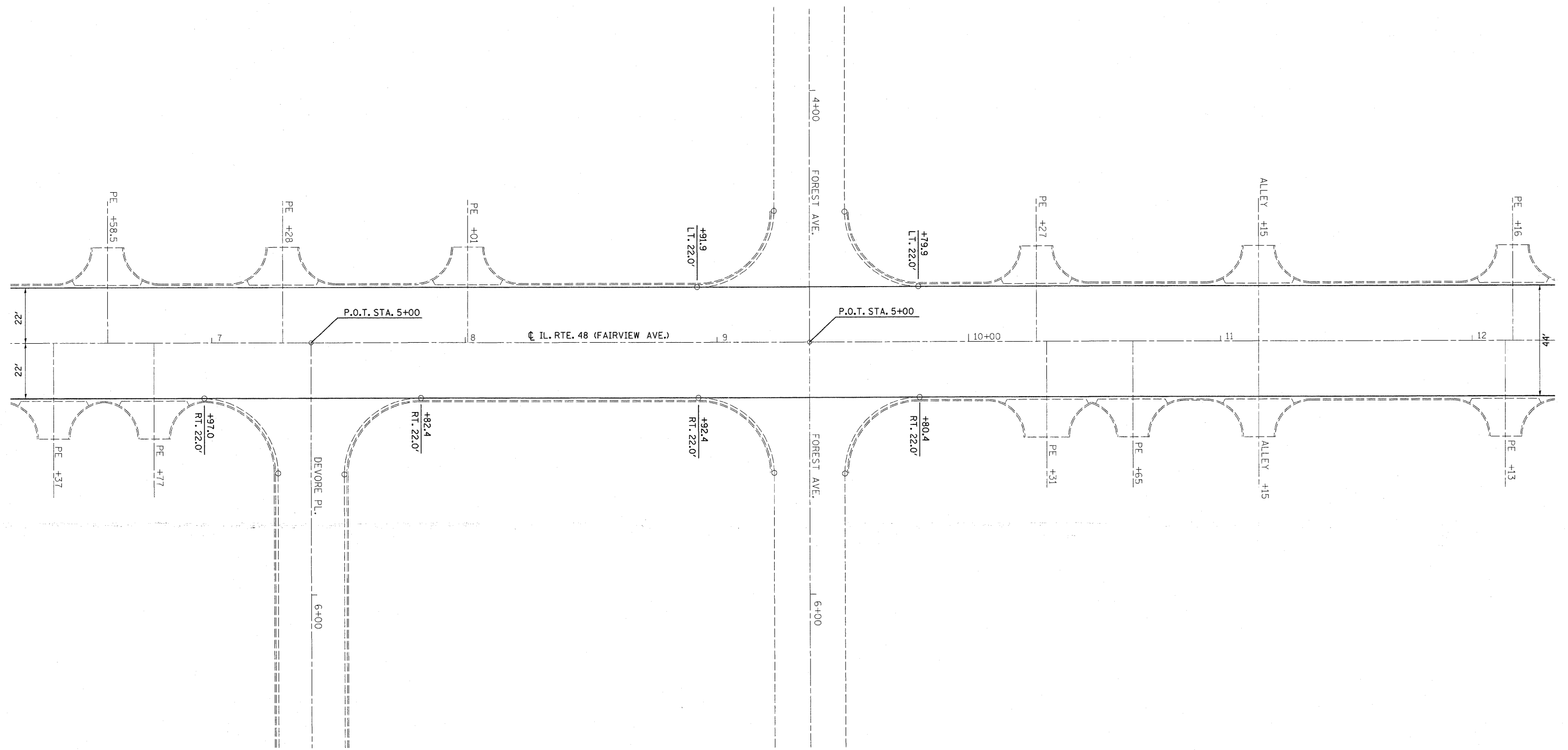
EXIST. CURVE CUR01
 PI STA. = 920+46.45
 $\Delta = 44^\circ 09' 00''$ (RT)
 $D = 7^\circ 34' 53''$
 $R = 755.74'$
 $T = 306.49'$
 $L = 582.35'$
 $E = 59.78'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 917+39.96$
 $P.T. \text{ STA.} = 923+22.31$

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\p\idot\swartzrw\0212489\0774500-sht-plan.dgn		DRAWN -	REVISED -		716	(12TR,RS-2)(13OR-2,RS-1)	MACON	98	41		
PLOT SCALE = 20,0000' / 1"		CHECKED -	REVISED -		CONTRACT NO. 74500						
PLOT DATE = 10/13/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT						
				SCALE: 20	SHEET NO. 6 OF 18 SHEETS	STA. 917+00 TO STA. 923+00					



FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\p\work\p\dot\swartzw\d0212489\d77-500-sht-plan.dgn		DRAWN -	REVISED -		SCALE: 20	SHEET NO. 7 OF 18 SHEETS	STA. 923+00 TO STA. 1+00	716	(12TR,RS-2)(13OR-2,RS-1)	MACON	98	42
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	PLOT DATE = 10/13/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				





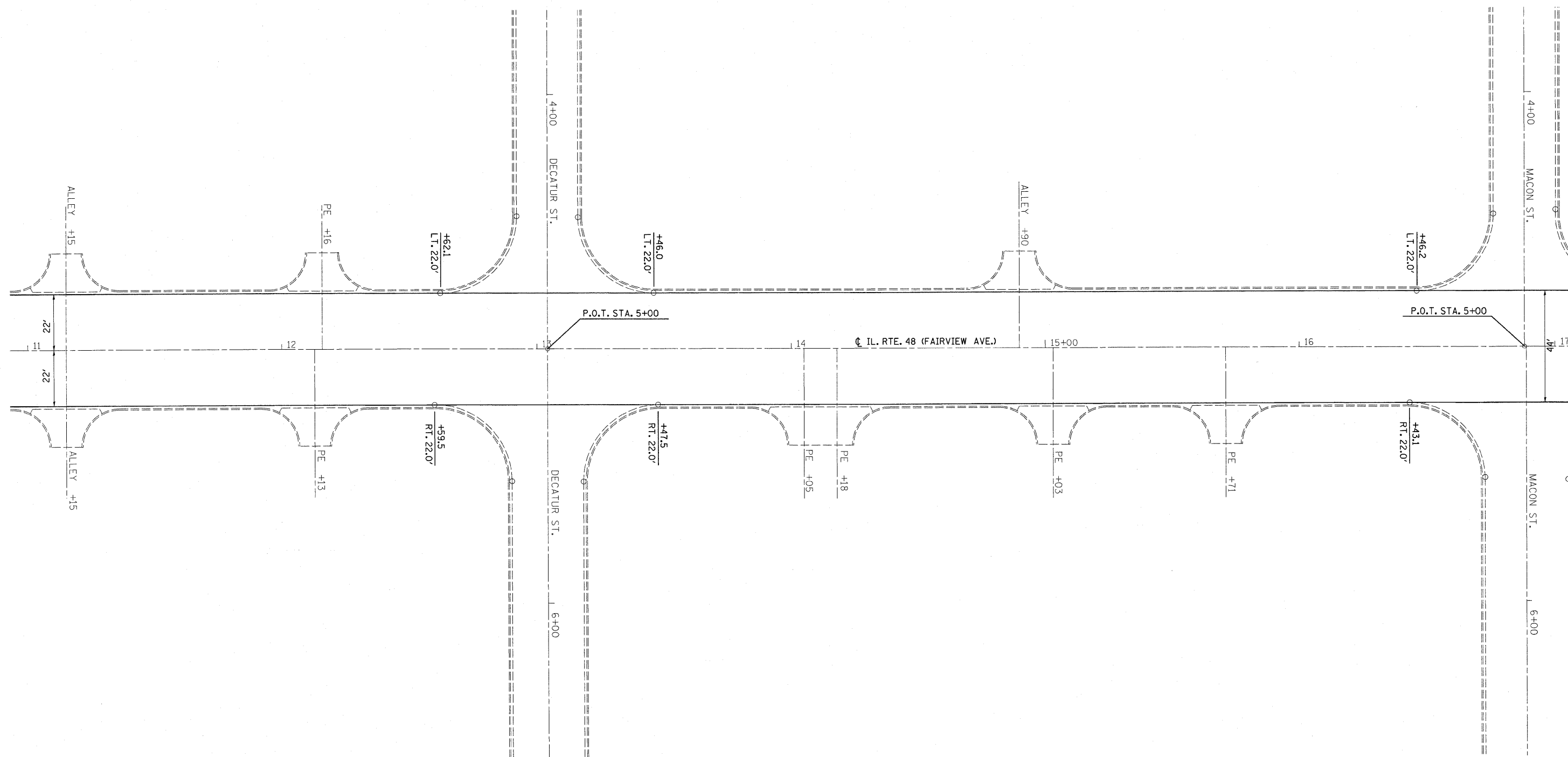
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	PLOT DATE = 10/13/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 20 SHEET NO. 9 OF 18 SHEETS STA. 7+00 TO STA. 12+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(12TR,RS-2)(13OR-2,RS-1)	MACON	98	44
CONTRACT NO. 74500			ILLINOIS FED. AID PROJECT	



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DESIGNED -
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 CHECKED -
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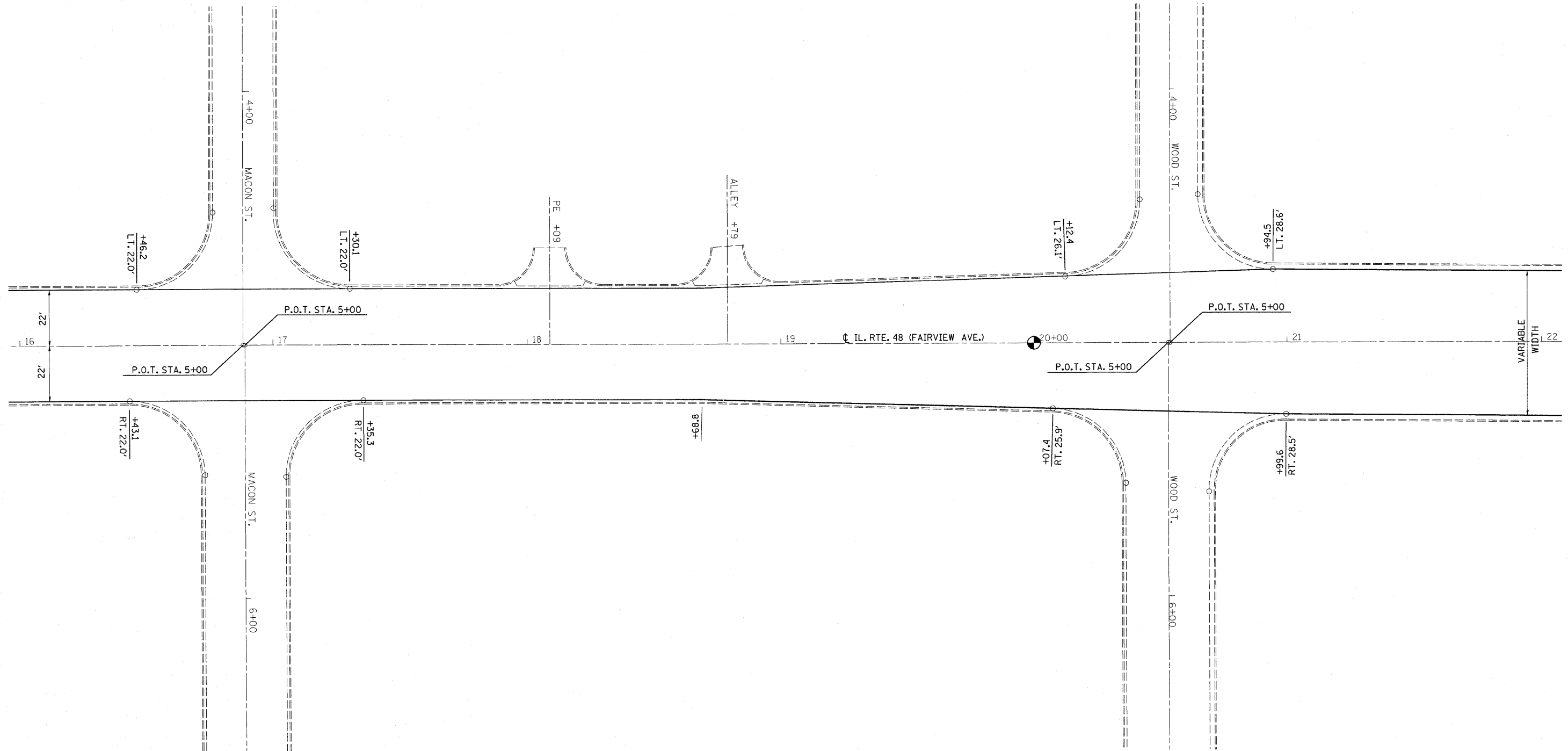
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 20 SHEET NO. 10 OF 18 SHEETS STA. 11+00 TO STA. 17+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R_RS-2)(130R-2_RS-1)	MACON	98	45
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74500	

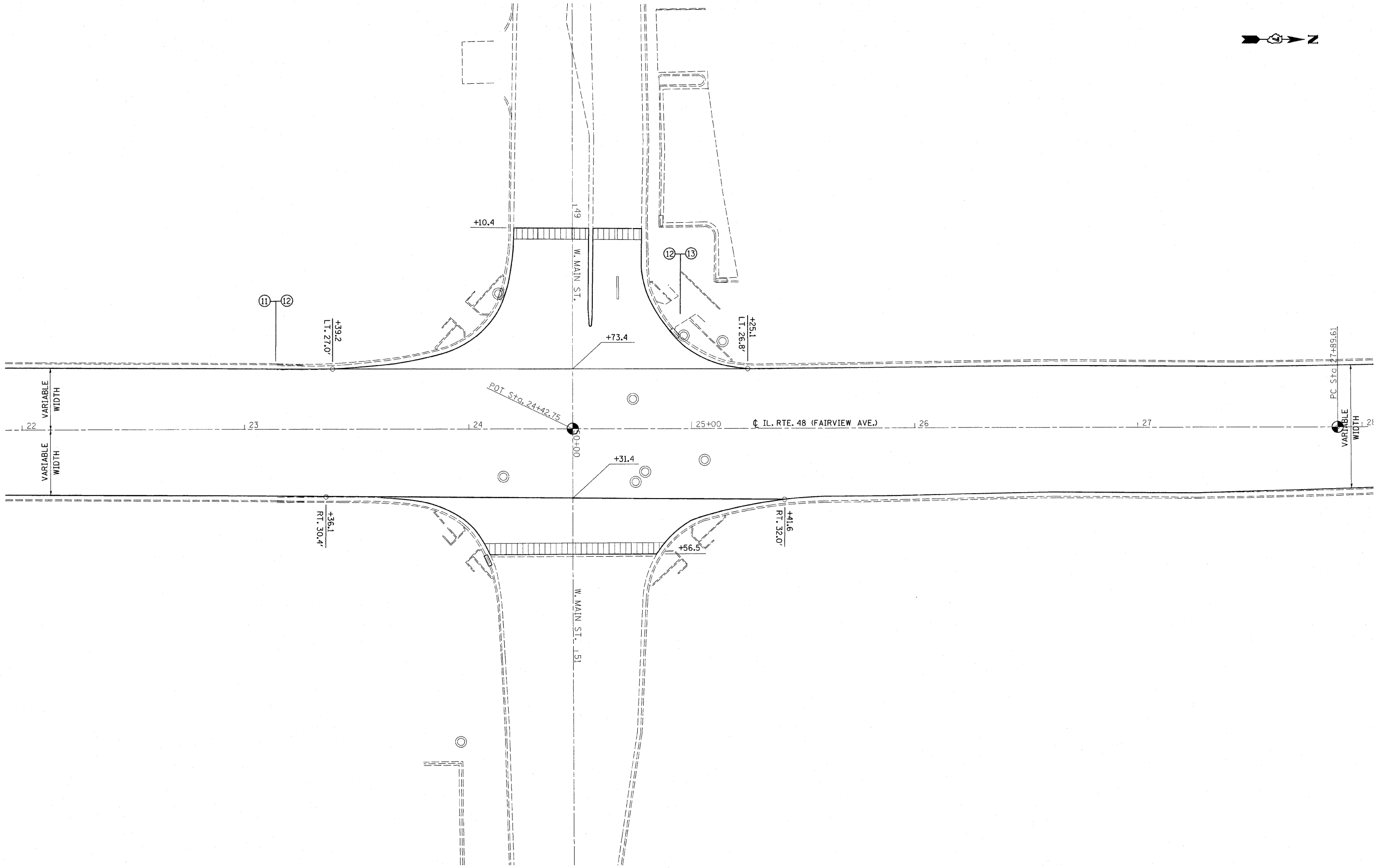


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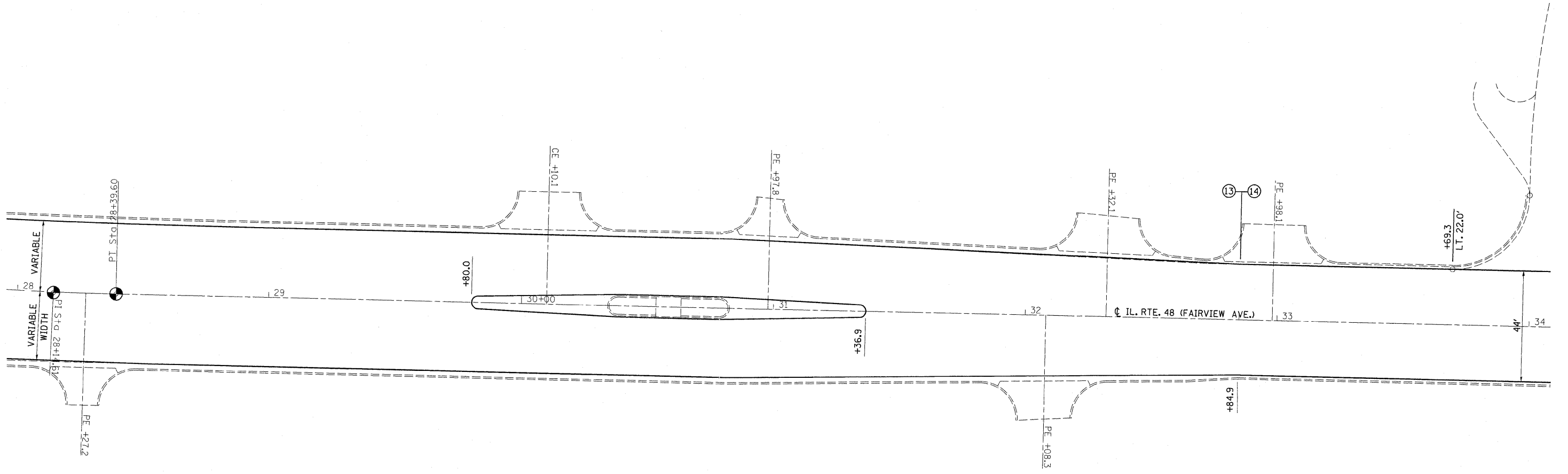
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE: 20	SHEET NO. 11 OF 18 SHEETS	STA. 16+00	TO STA. 22+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(12TR,RS-2)(13OR-2,RS-1)	MACON	98	46
CONTRACT NO. 74500				
ILLINOIS FED. AID PROJECT				

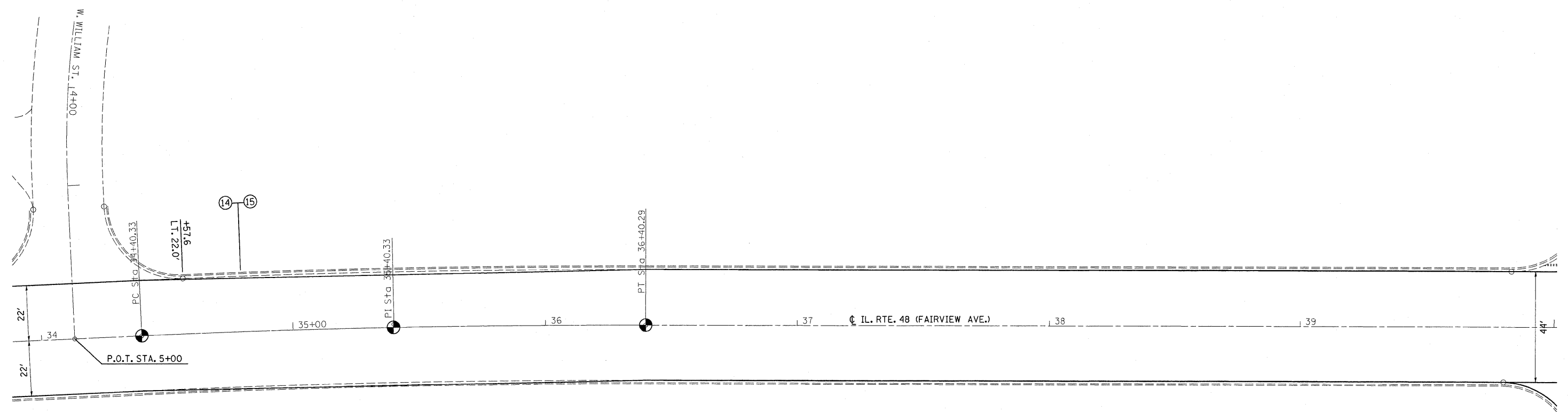


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	500-sht-plan.dgn	DRAWN -	REVISED -		716	(127R,RS-2)(130R-2,RS-1)	MACON	98	47		
PLOT SCALE = 20,000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 74500			ILLINOIS FED. AID PROJECT			
PLOT DATE = 10/13/2011	DATE -	REVISED -	REVISED -		SCALE: 20	SHEET NO. 12 OF 18 SHEETS	STA. 22+00 TO STA. 28+00				



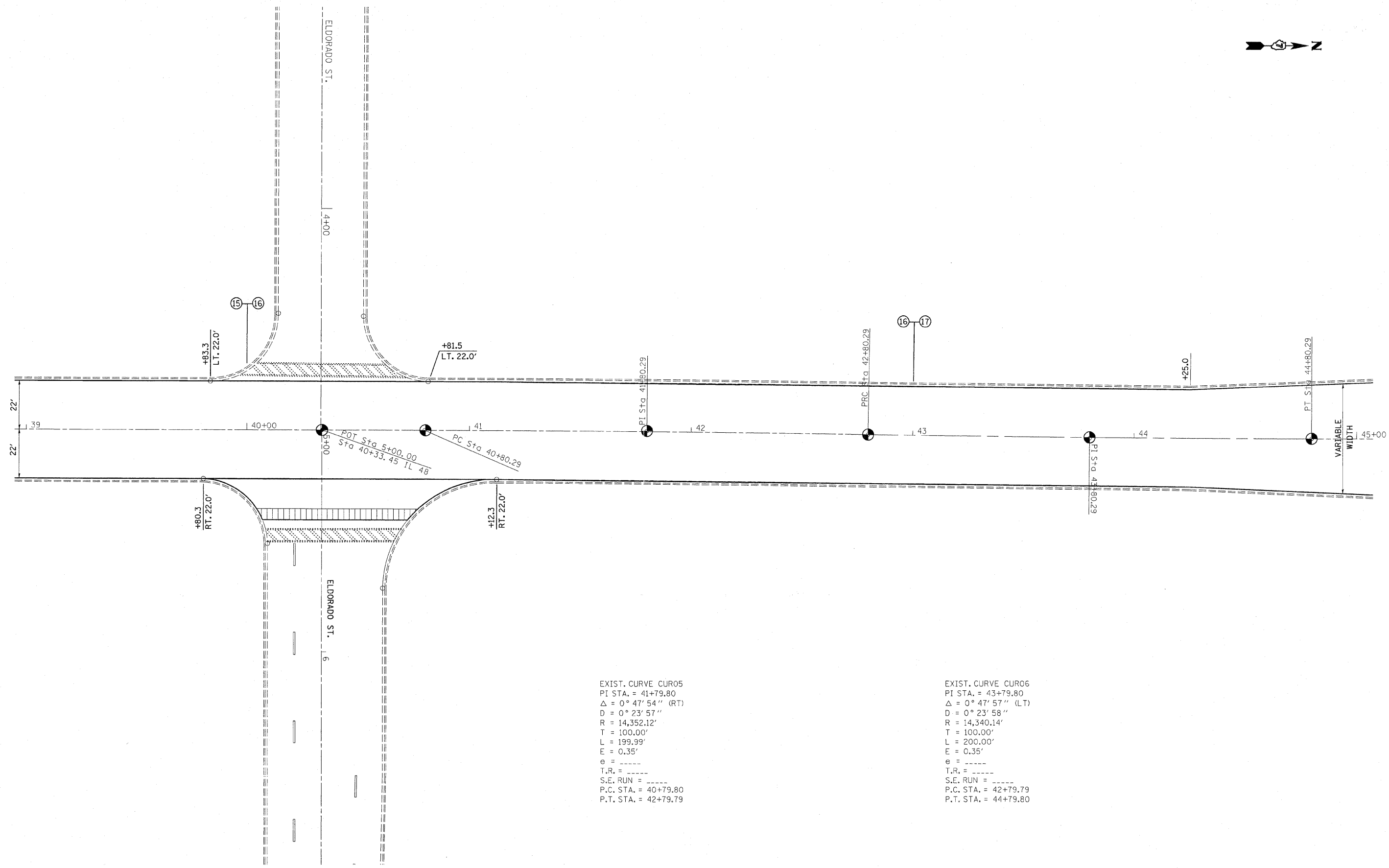
EXIST. CURVE CUR03
 PI STA. = 28+14.12
 $\Delta = 2^\circ 32' 52''$ (LT)
 $D = 5^\circ 05' 48''$
 $R = 1,124.18'$
 $T = 25.00'$
 $L = 49.99'$
 $E = 0.28'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 27+89.12
 P.T. STA. = 28+39.11

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 20.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 74500							
PLOT DATE = 12/13/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: 20	SHEET NO. 13 OF 18 SHEETS	STA. 28+00	TO STA. 34+00					



EXIST. CURVE CUR04
 PI STA. = 35+39.84
 $\Delta = 2^\circ 47' 33''$ (RT)
 $D = 1^\circ 23' 47''$
 $R = 4,102.82'$
 $T = 100.00'$
 $L = 199.96'$
 $E = 1.22'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA. = 34+39.84
 P.T. STA. = 36+39.80

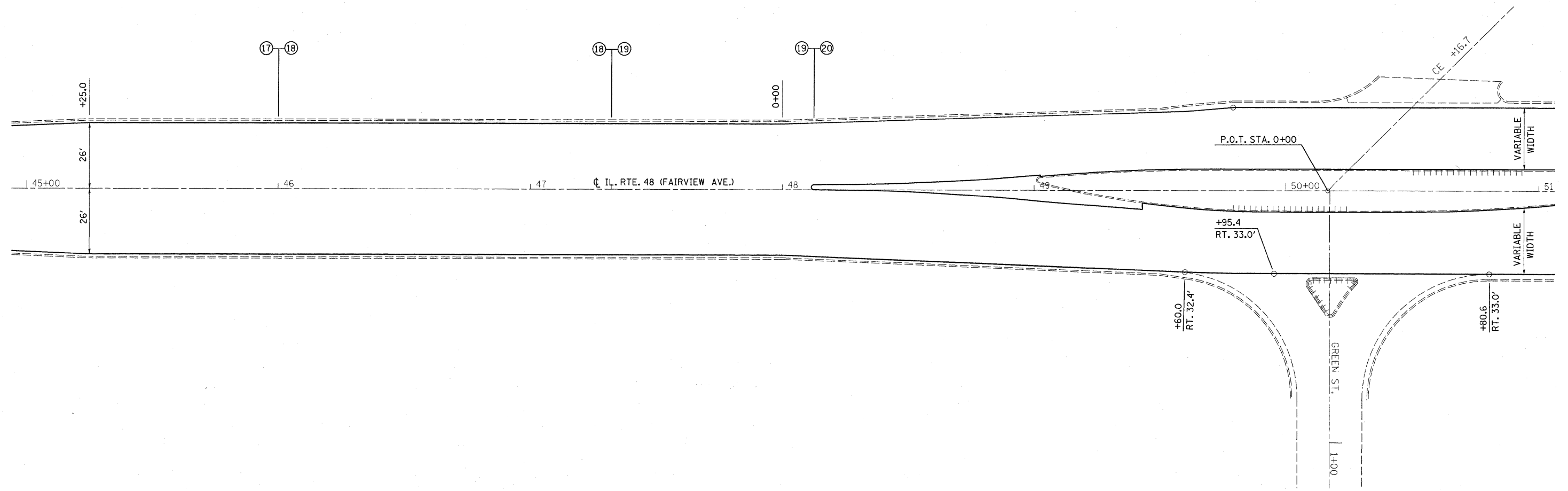
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	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74500							
	PLOT DATE = 10/13/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: 20	SHEET NO. 14 OF 18 SHEETS	STA. 34+00	TO STA. 39+00					



EXIST. CURVE CUR05
 PI STA. = 41+79.80
 $\Delta = 0^\circ 47' 54''$ (RT)
 $D = 0^\circ 23' 57''$
 $R = 14,352.12'$
 $T = 100.00'$
 $L = 199.99'$
 $E = 0.35'$
 $e =$ -----
 $T.R. =$ -----
 $S.E. RUN =$ -----
 $P.C. STA. = 40+79.80$
 $P.T. STA. = 42+79.79$

EXIST. CURVE CUR06
 PI STA. = 43+79.80
 $\Delta = 0^\circ 47' 57''$ (LT)
 $D = 0^\circ 23' 58''$
 $R = 14,340.14'$
 $T = 100.00'$
 $L = 200.00'$
 $E = 0.35'$
 $e =$ -----
 $T.R. =$ -----
 $S.E. RUN =$ -----
 $P.C. STA. = 42+79.79$
 $P.T. STA. = 44+79.80$

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE = 20.0000" / 1"	CHECKED -	REVISED -					CONTRACT NO. 74500				
	PLOT DATE = 10/13/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



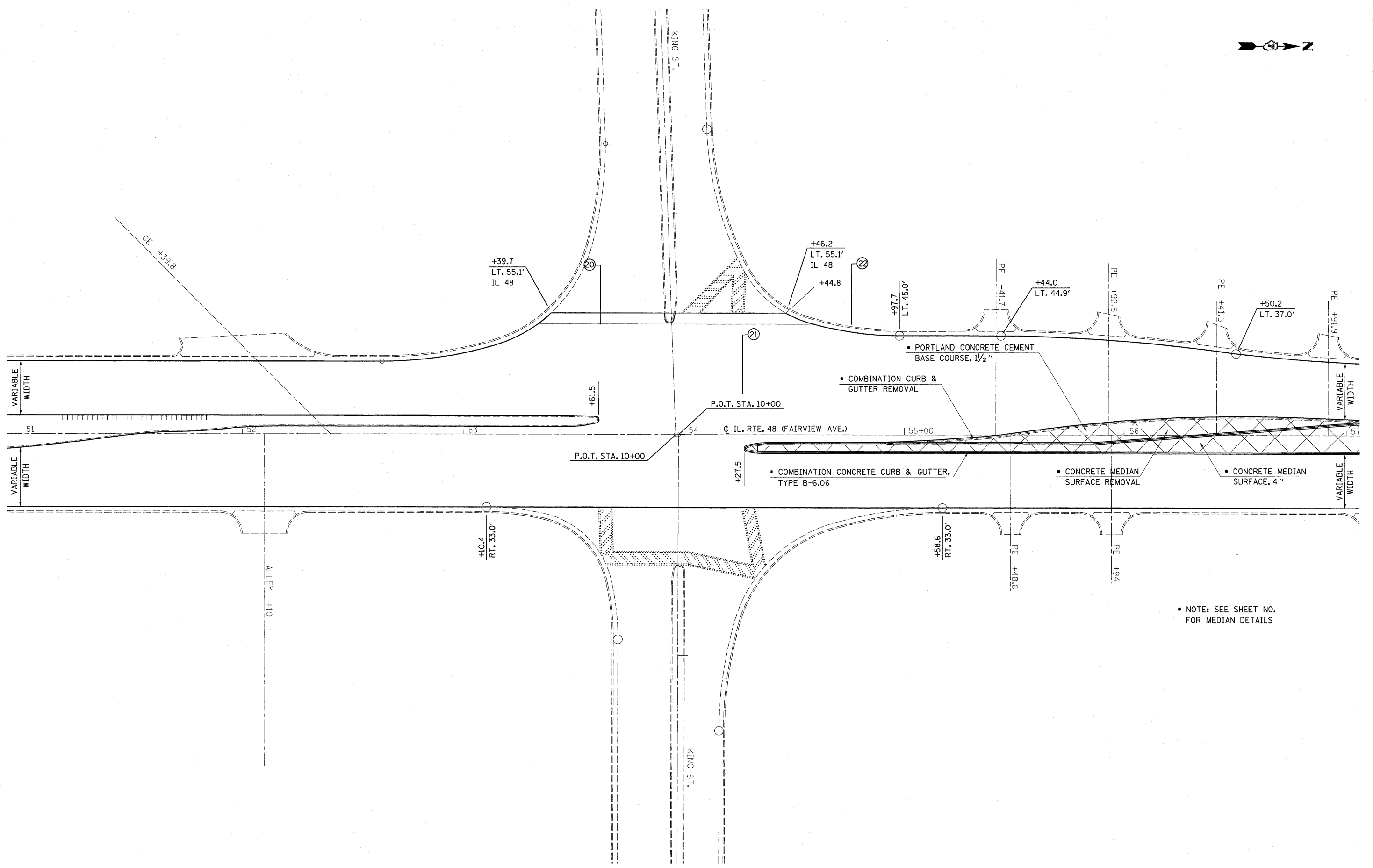
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	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

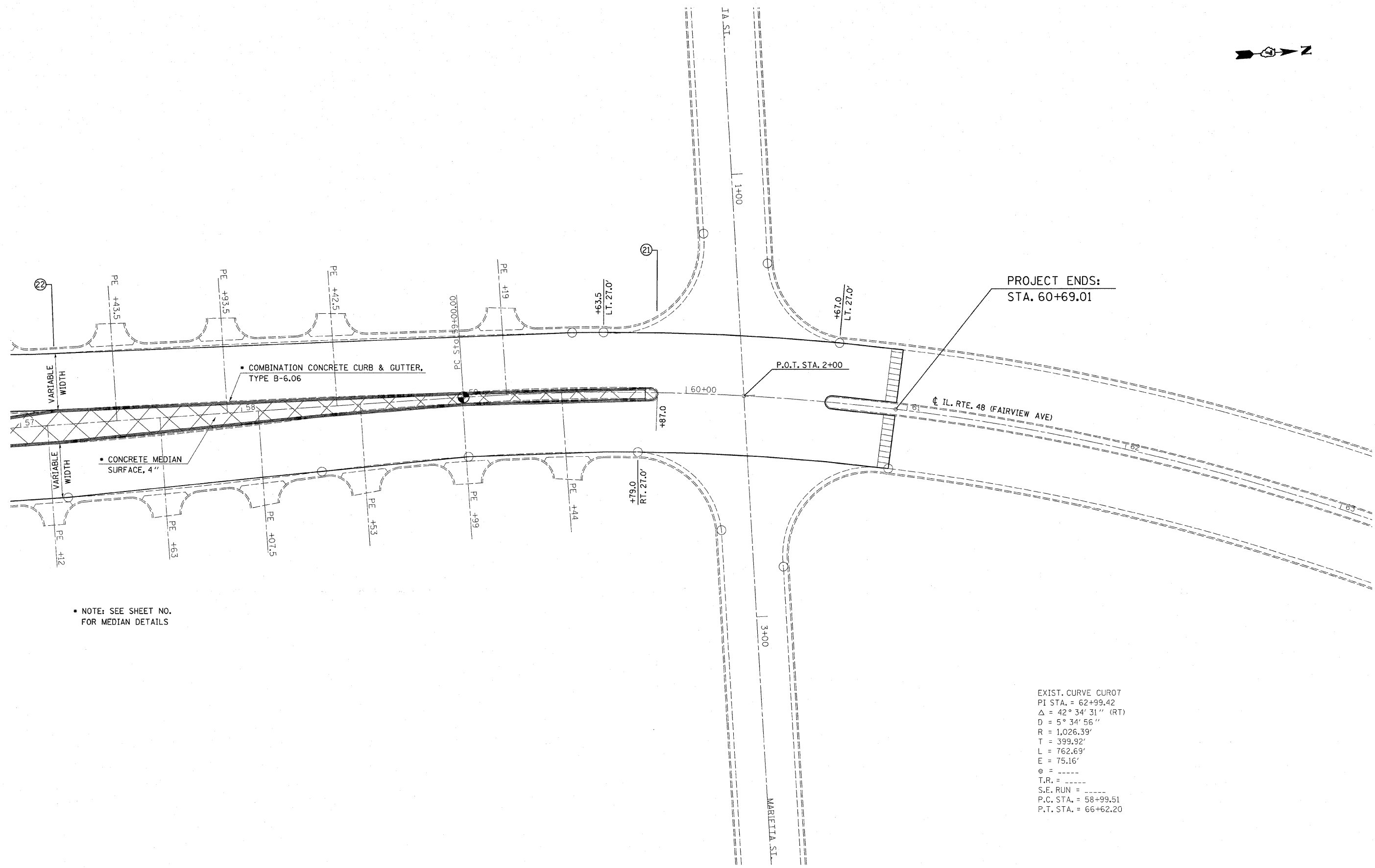
PLAN SHEET

SCALE: 20 SHEET NO. 16 OF 18 SHEETS STA. 45+00 TO STA. 51+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	51
CONTRACT NO. 74500				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\swartzw\d0212489\d77	500-sht-plan.dgn	DRAWN -	REVISED -		716	(127R,RS-2)(130R-2,RS-1)	MACON	98	52			
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 74500			ILLINOIS FED. AID PROJECT				
PLOT DATE = 10/13/2011	DATE -	REVISED -	REVISED -		SCALE: 20	SHEET NO. 17 OF 18 SHEETS	STA. 51+00 TO STA. 57+00					



PROJECT ENDS:
STA. 60+69.01

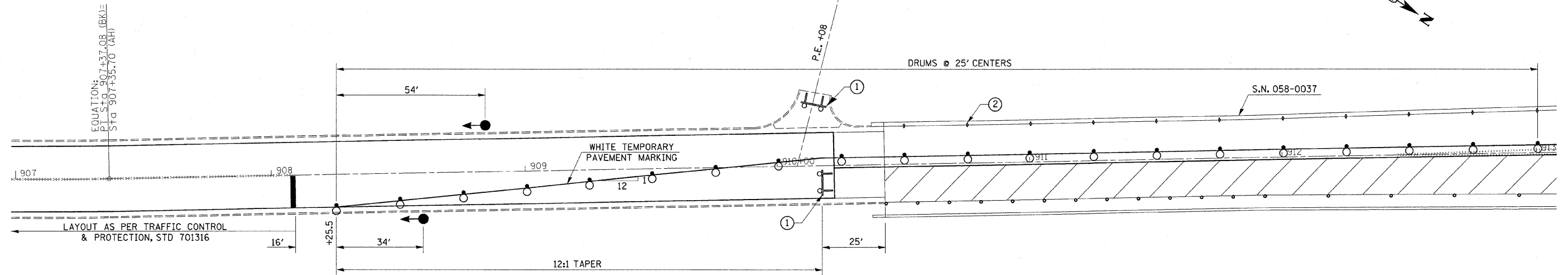
NOTE: SEE SHEET NO.
FOR MEDIAN DETAILS

EXIST. CURVE CUR07
 PI STA. = 62+99.42
 Δ = 42° 34' 31" (RT)
 D = 5° 34' 56"
 R = 1,026.39'
 T = 399.92'
 L = 762.69'
 E = 75.16'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 58+99.51
 P.T. STA. = 66+62.20

FILE NAME = c:\pwwork\pwwork\swartzr\ld0212489\ld774500-shr-plan.dgn	USER NAME = swartzr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -		716	(127R,RS-2)(130R-2,RS-1)	MACON	98	53			
PLOT DATE = 10/13/2011	DATE -	REVISED -	REVISED -		SCALE: 20	SHEET NO. 18 OF 18 SHEETS	STA. 57+00 TO STA. 60+71.54	CONTRACT NO. 74500				
							ILLINOIS FED. AID PROJECT					

STAGE I TRAFFIC CONTROL

SOUTH END



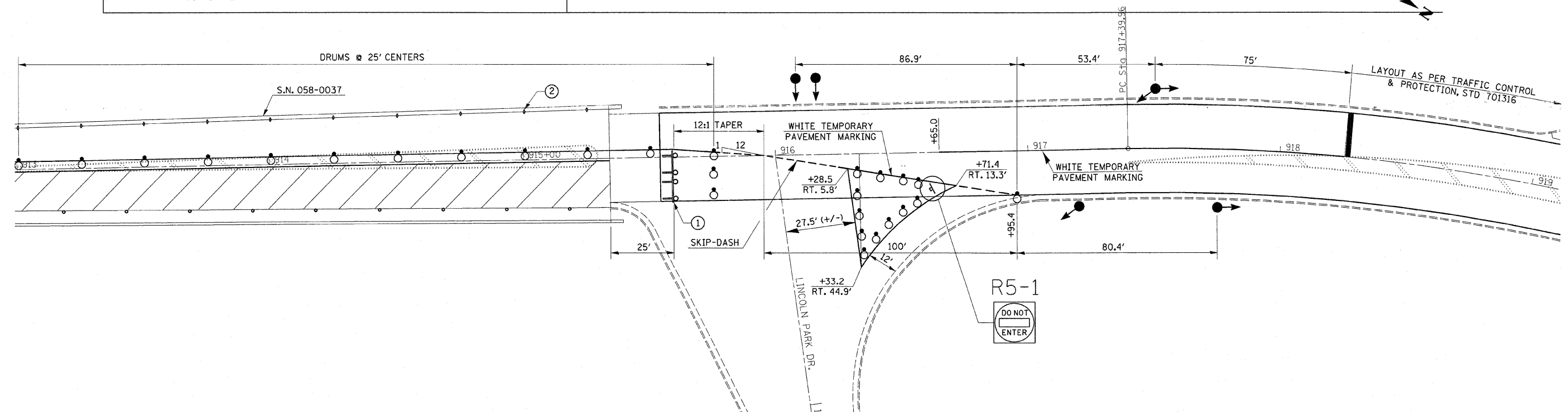
LEGEND

- WORK ZONE
- TRAFFIC SIGNAL
- STOP BAR
- TYPE III BARRICADE WIDTH FLASHING LIGHTS
- CRYSTAL BIDIRECTIONAL GUARDRAIL / PARAPET MARKERS
- DRUMS WITH STEADY BURNING BIDIRECTIONAL LIGHT
- STOP BAR
- FLEXIBLE DELINEATORS

- ① TYPE III BARRICADES TO BE PLACED WHEN NOT WORK IS BEING PERFORMED.
- ② GUARDRAIL/PARAPET LINEAR DELINEATION PANELS AT 25' CENTERS. SEE STANDARD 635001.

STAGE I TRAFFIC CONTROL

NORTH END



FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -
c:\pw_work\pwidot\swartzrw\d0212489\d774500-shtrdetails.dgn		DRAWN -	REVISED -
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PLOT DATE = 10/13/2011		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

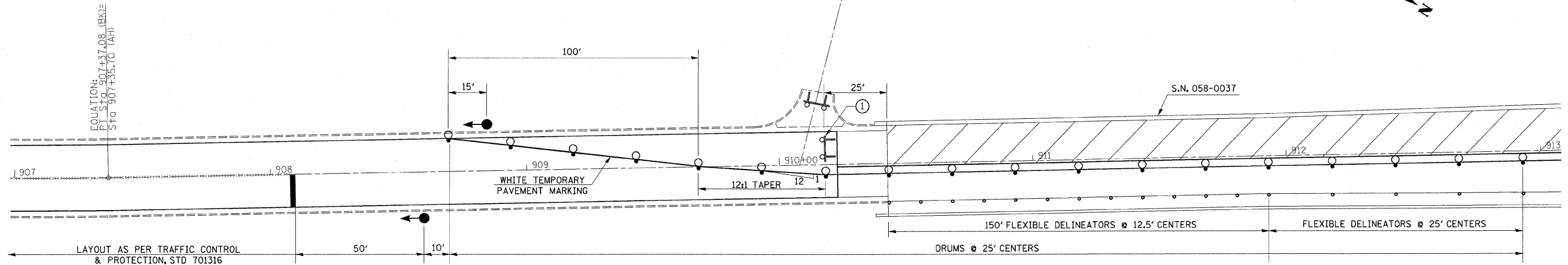
STAGE I TRAFFIC CONTROL
TRAFFIC CONTROL AND PROTECTION
STANDARD 701316 (SPECIAL)

SCALE: 20 SHEET NO. 1 OF 2 SHEETS STA. 907+00 TO STA. 919+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	54
			CONTRACT NO. 74500	
ILLINOIS FED. AID PROJECT				

STAGE II TRAFFIC CONTROL

SOUTH END



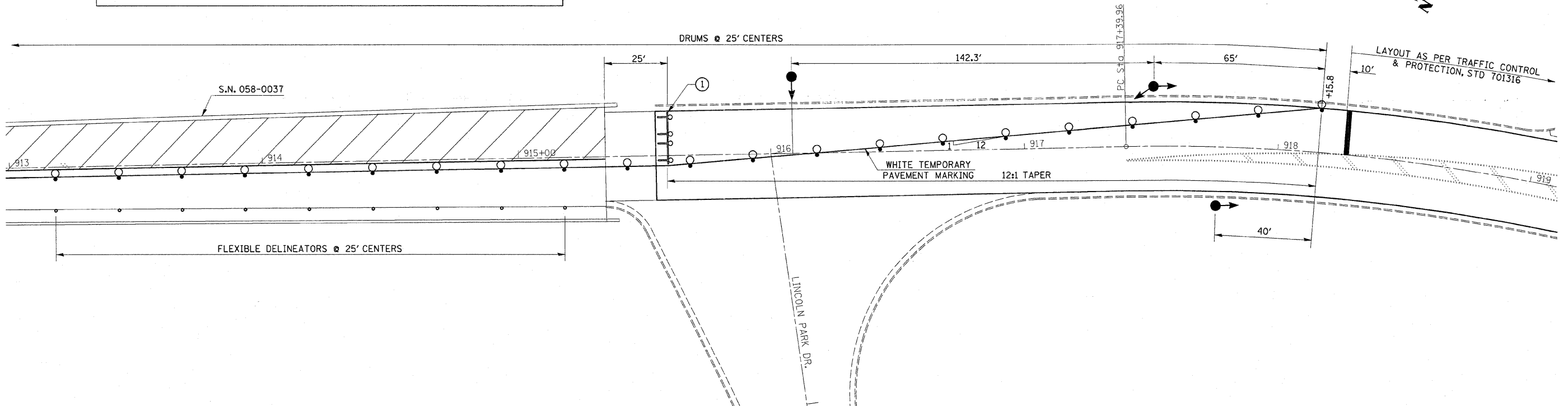
LEGEND

	WORK ZONE		DRUMS WITH STEADY BURNING BIDIRECTIONAL LIGHT
	TRAFFIC SIGNAL		STOP BAR
	TYPE III BARRICADE WIDTH FLASHING LIGHTS		FLEXIBLE DELINEATORS
	CRYSTAL BIDIRECTIONAL GUARDRAIL / PARAPET MARKERS		

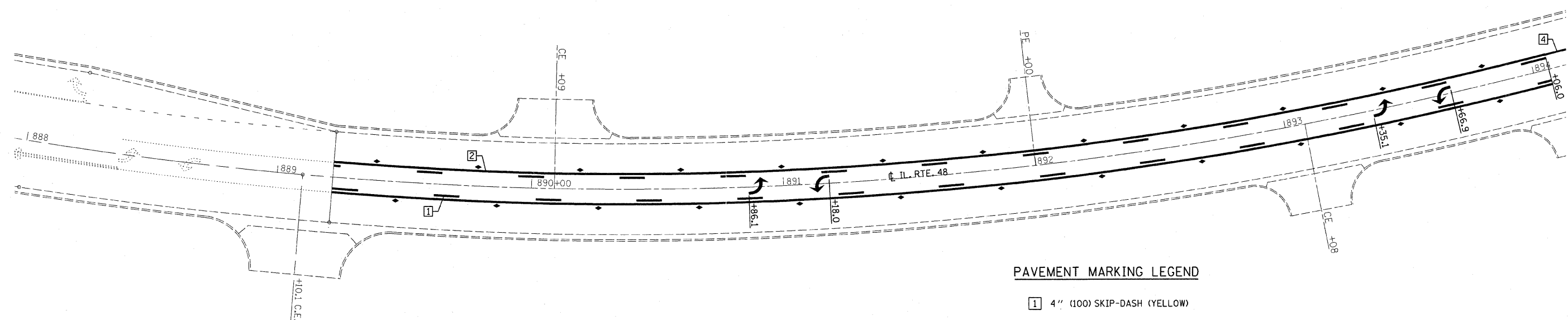
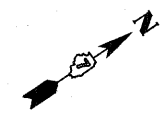
- ① TYPE III BARRICADES TO BE PLACED WHEN NOT WORK IS BEING PERFORMED.
- ② GUARDRAIL/PARAPET LINEAR DELINEATION PANELS AT 25' CENTERS. SEE STANDARD 635001.

STAGE II TRAFFIC CONTROL

NORTH END



FILE NAME =	USER NAME = swartzr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE II TRAFFIC CONTROL TRAFFIC CONTROL AND PROTECTION STANDARD 701316 (SPECIAL)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw_work\pwidot\swartzr\ld0212489\ld774500-shr\details.dgn	PLOT SCALE = 20.0000' / 1" =	DRAWN -	REVISED -			716	(127R,RS-2)(130R-2,RS-1)	MACON	98	55	
	PLOT DATE = 10/13/2011	CHECKED -	REVISED -			SCALE: 20		SHEET NO. 2 OF 2 SHEETS		STA. 907+00 TO STA. 919+00	
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						CONTRACT NO. 74500					



PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

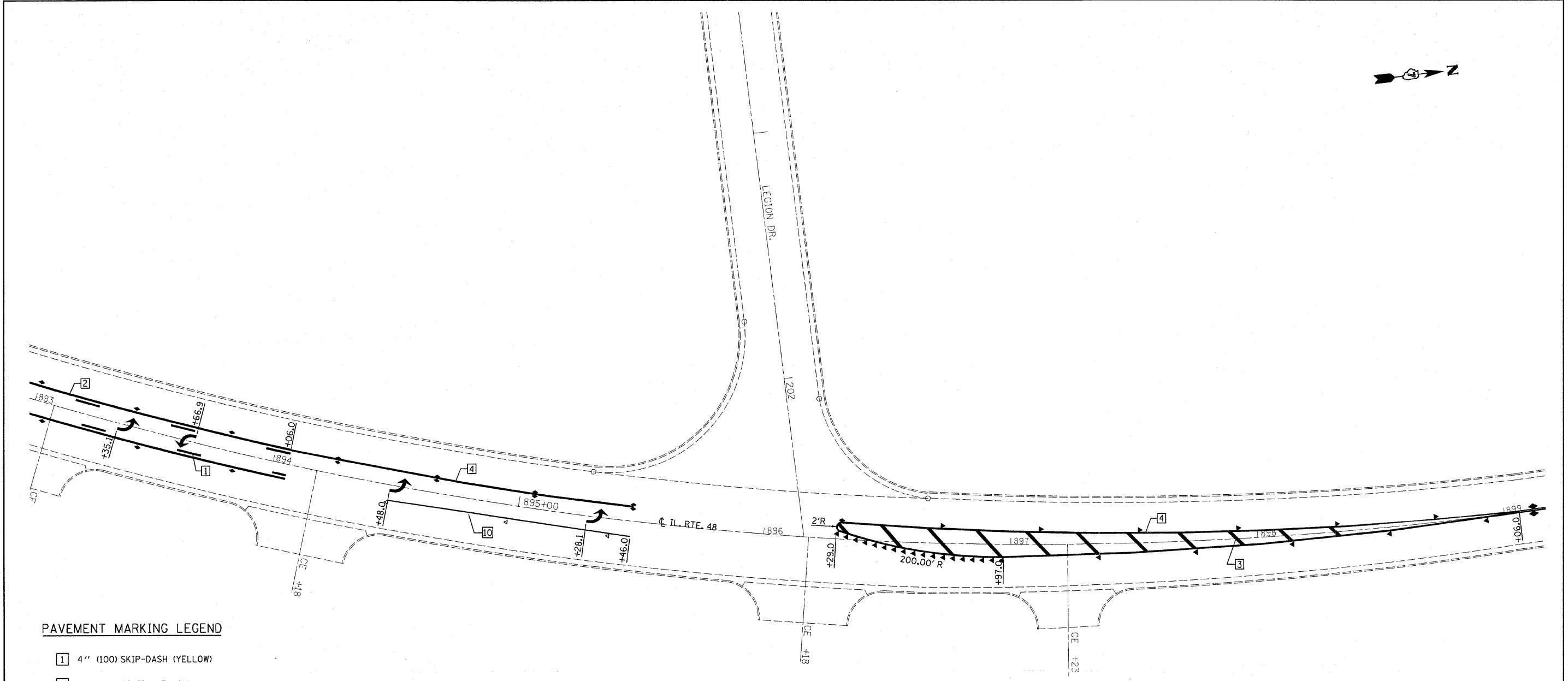
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	PLOT DATE = 10/13/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING PLAN DETAIL

SCALE: 20 SHEET NO. 1 OF 19 SHEETS STA. 889+21.97 TO STA. 893+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	56
CONTRACT NO. 74500			ILLINOIS FED. AID PROJECT	



PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

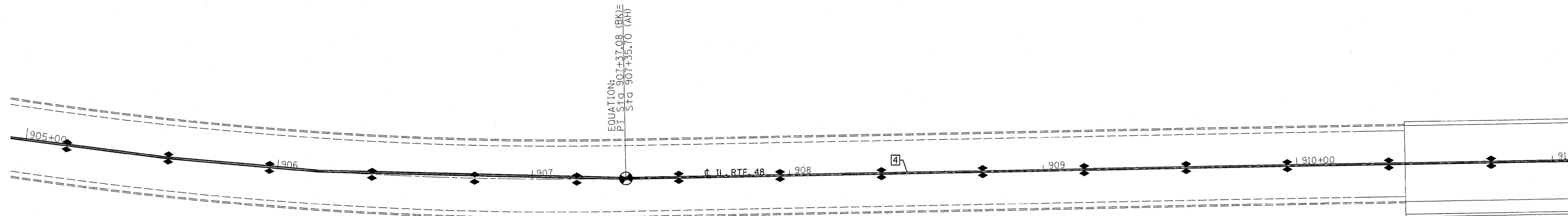
- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -
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	PLOT DATE = 10/13/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING PLAN DETAIL			
SCALE: 20	SHEET NO. 2 OF 19 SHEETS	STA. 893+00	TO STA. 899+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(12TR,RS-2)(13OR-2,RS-1)	MACON	98	57
CONTRACT NO. 74500				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

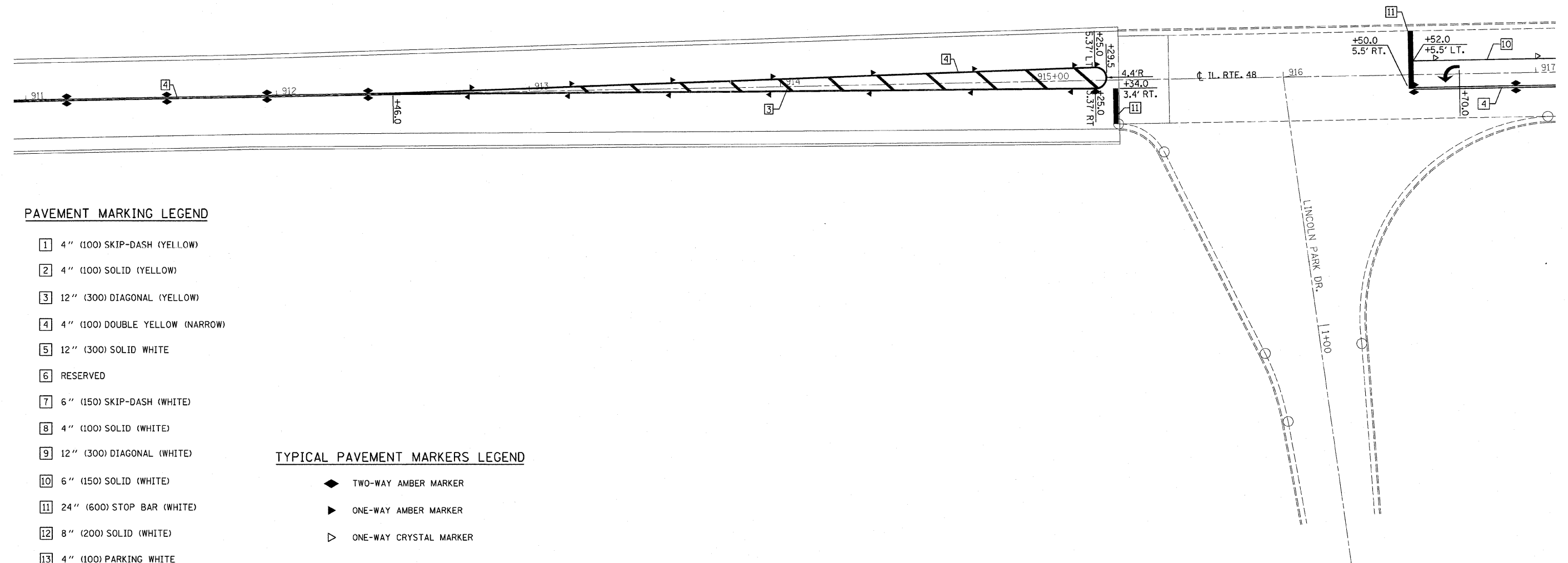
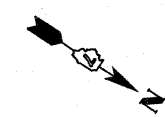
- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

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	PLOT DATE = 10/13/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING PLAN DETAIL			
SCALE: 20	SHEET NO. 4 OF 19 SHEETS	STA. 905+00	TO STA. 911+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	59
CONTRACT NO. 74500				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

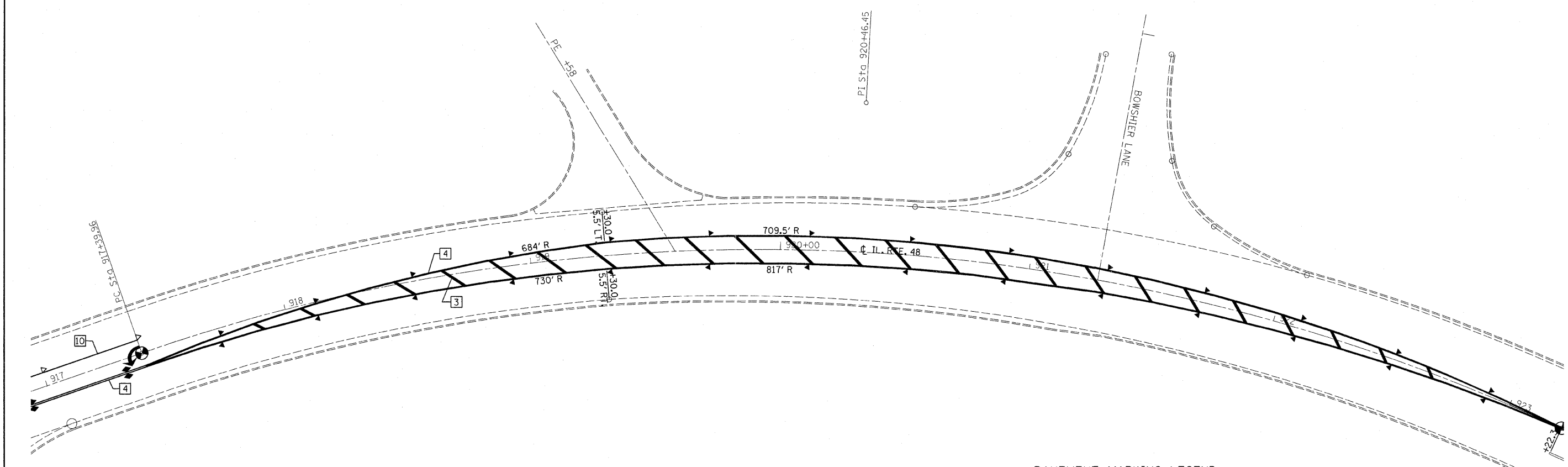
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	PLDT DATE = 10/13/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING PLAN DETAIL

SCALE: 20 SHEET NO. 5 OF 19 SHEETS STA. 911+00 TO STA. 917+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	60
CONTRACT NO. 74500				
ILLINOIS FED. AID PROJECT				



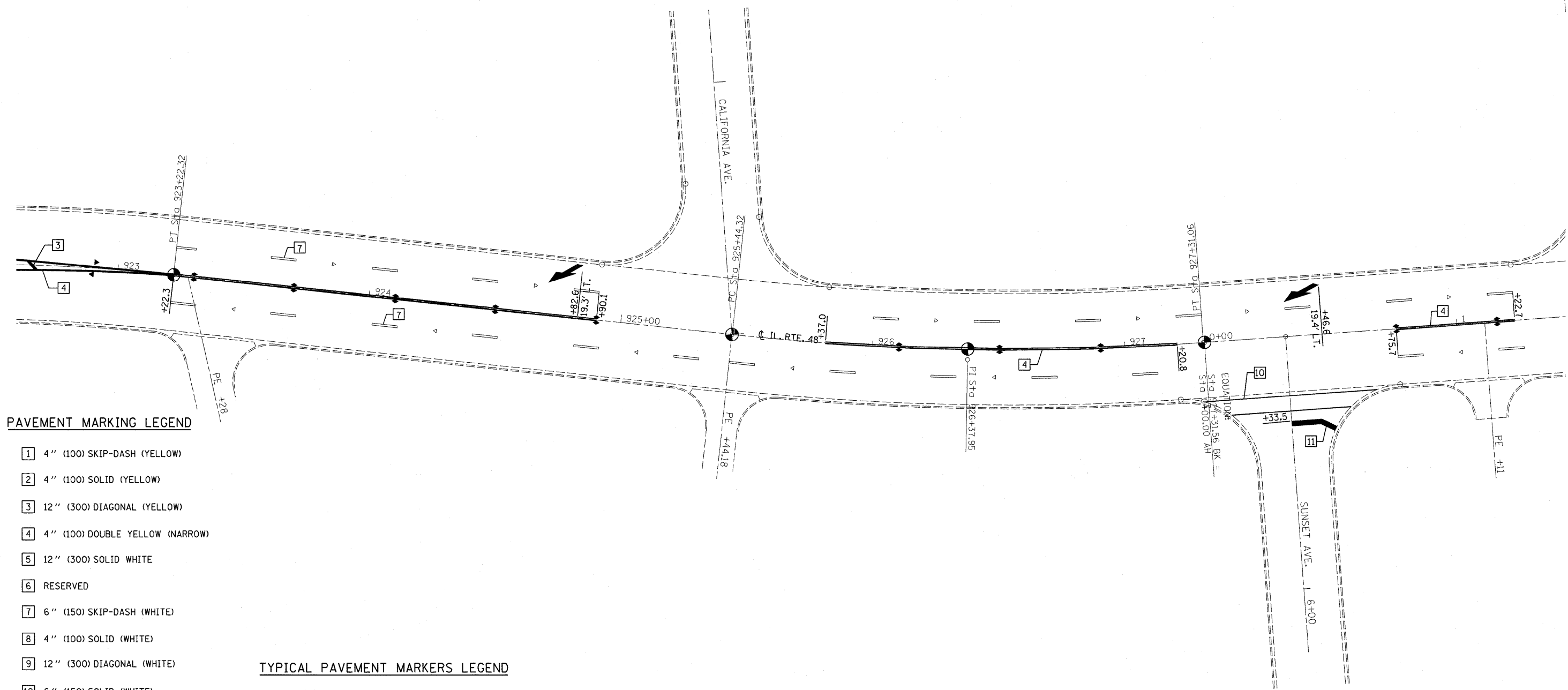
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRIPING PLAN DETAIL		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca\pv_work\pvidot\swartzw\d0212489\d774	500-shi-striping.dgn	DRAWN -	REVISED -		SCALE: 20	SHEET NO. 6 OF 19 SHEETS	STA. 917+00 TO STA. 923+00	716	(12TR,RS-2)(13OR-2,RS-1)	MACON	98	61
	PLOT SCALE = 28.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 74500				
	PLOT DATE = 10/13/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

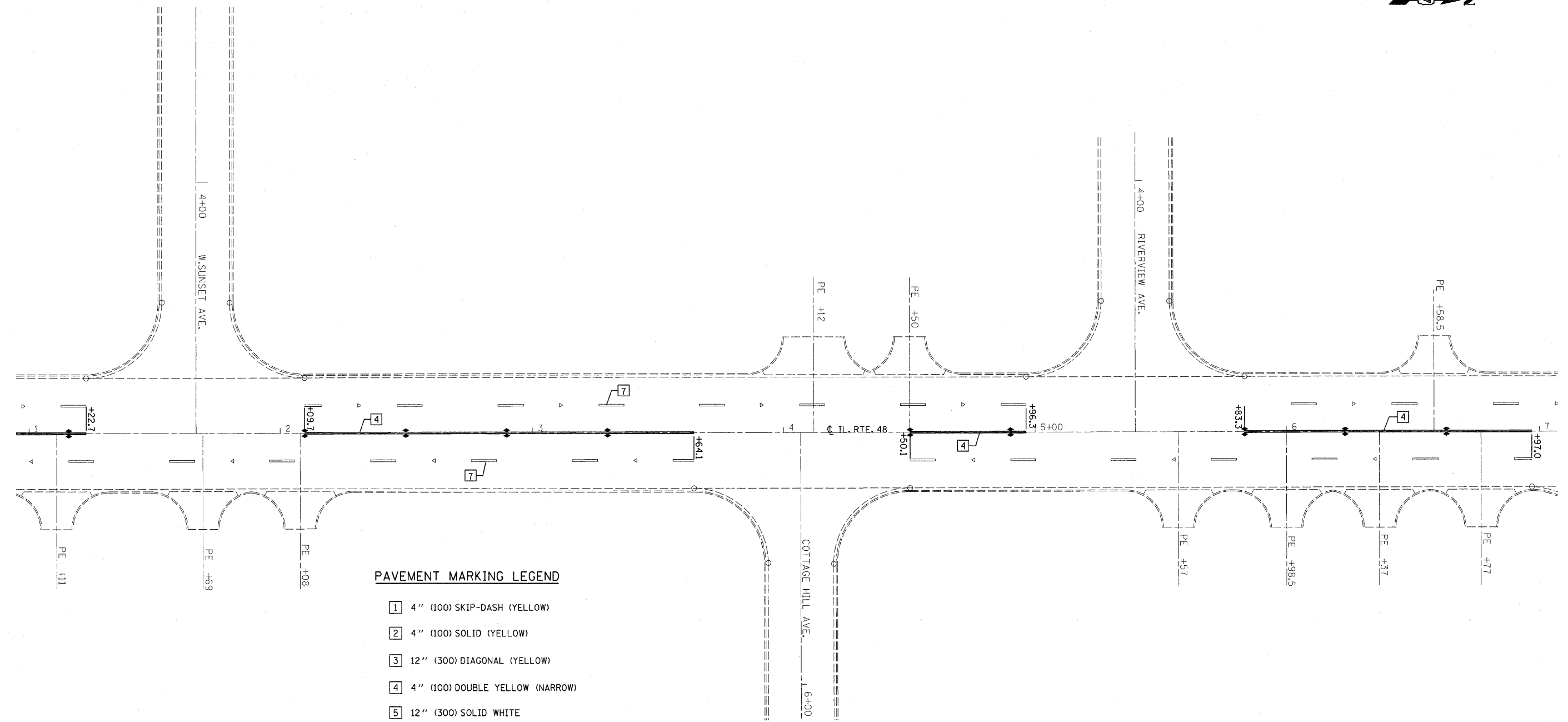
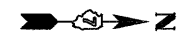
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	PLOT DATE = 10/13/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING PLAN DETAIL

SCALE: 20 SHEET NO. 7 OF 19 SHEETS STA. 923+00 TO STA. 1+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	62
CONTRACT NO. 74500				
ILLINOIS FED. AID PROJECT				



- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

FILE NAME =
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 PLOT DATE = 10/13/2011

DESIGNED -
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 CHECKED -
 DATE -

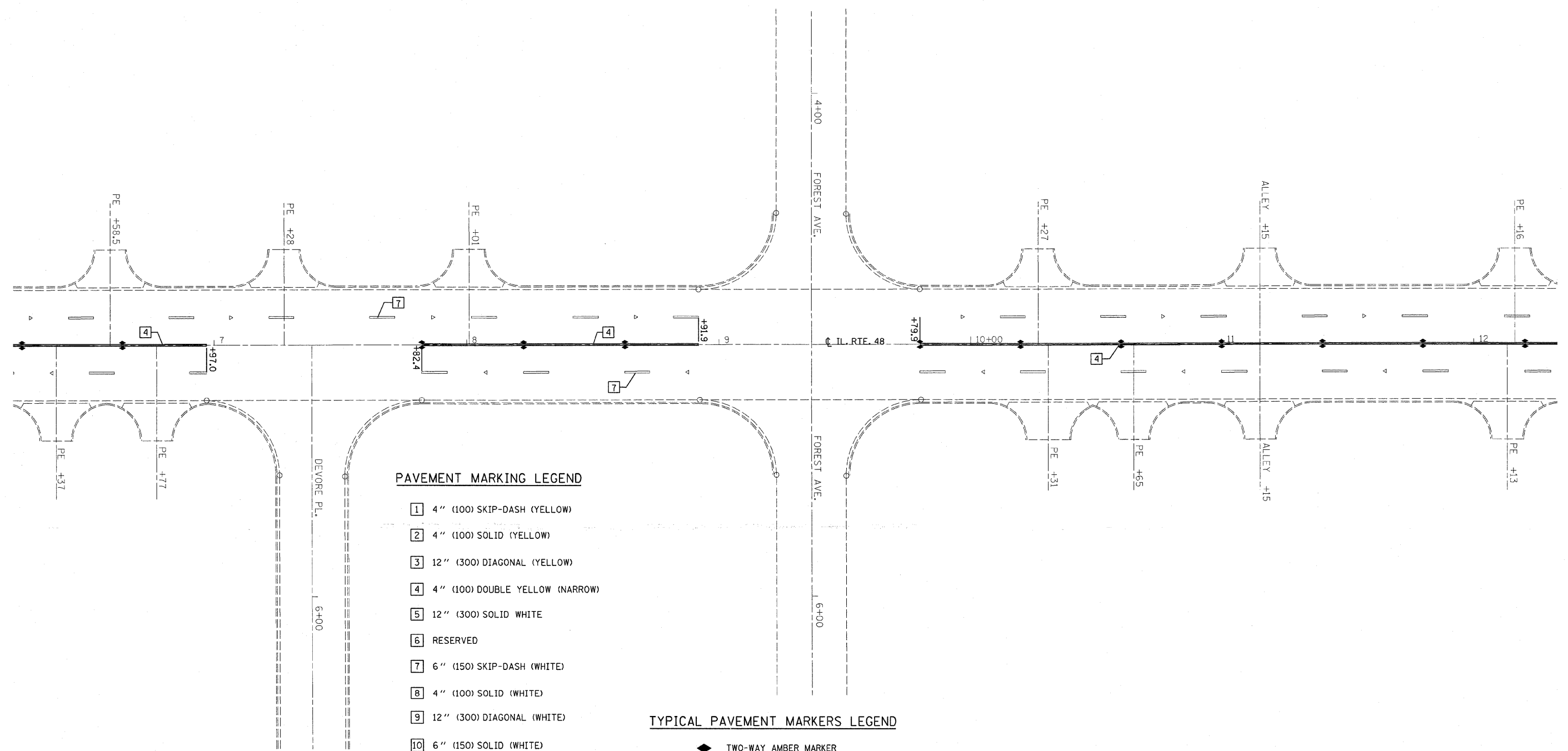
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STRIPING PLAN DETAIL

SCALE: 20 SHEET NO. 8 OF 19 SHEETS STA. 1+00 TO STA. 7+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	63
CONTRACT NO. 74500				
ILLINOIS FED. AID PROJECT				



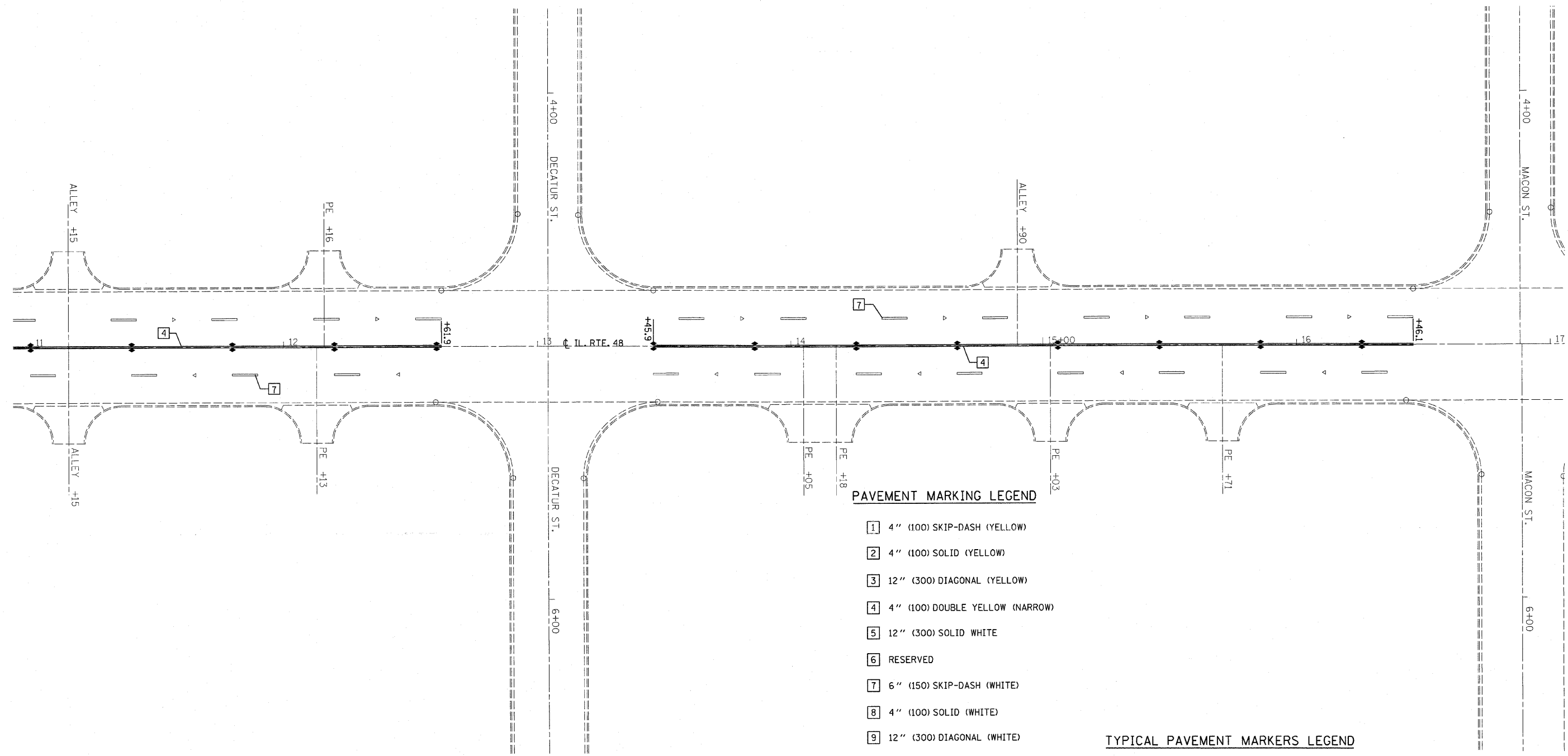
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRIPING PLAN DETAIL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\pwidot\swartzw\0212489\d77	500-shr-striping.dgn	DRAWN -	REVISED -		SCALE: 20	SHEET NO. 9 OF 19 SHEETS	STA. 7+00 TO STA. 12+00	716	(12TR,RS-2)(13OR-2,RS-1)	MACON	98	64
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 74500				
	PLOT DATE = 10/13/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



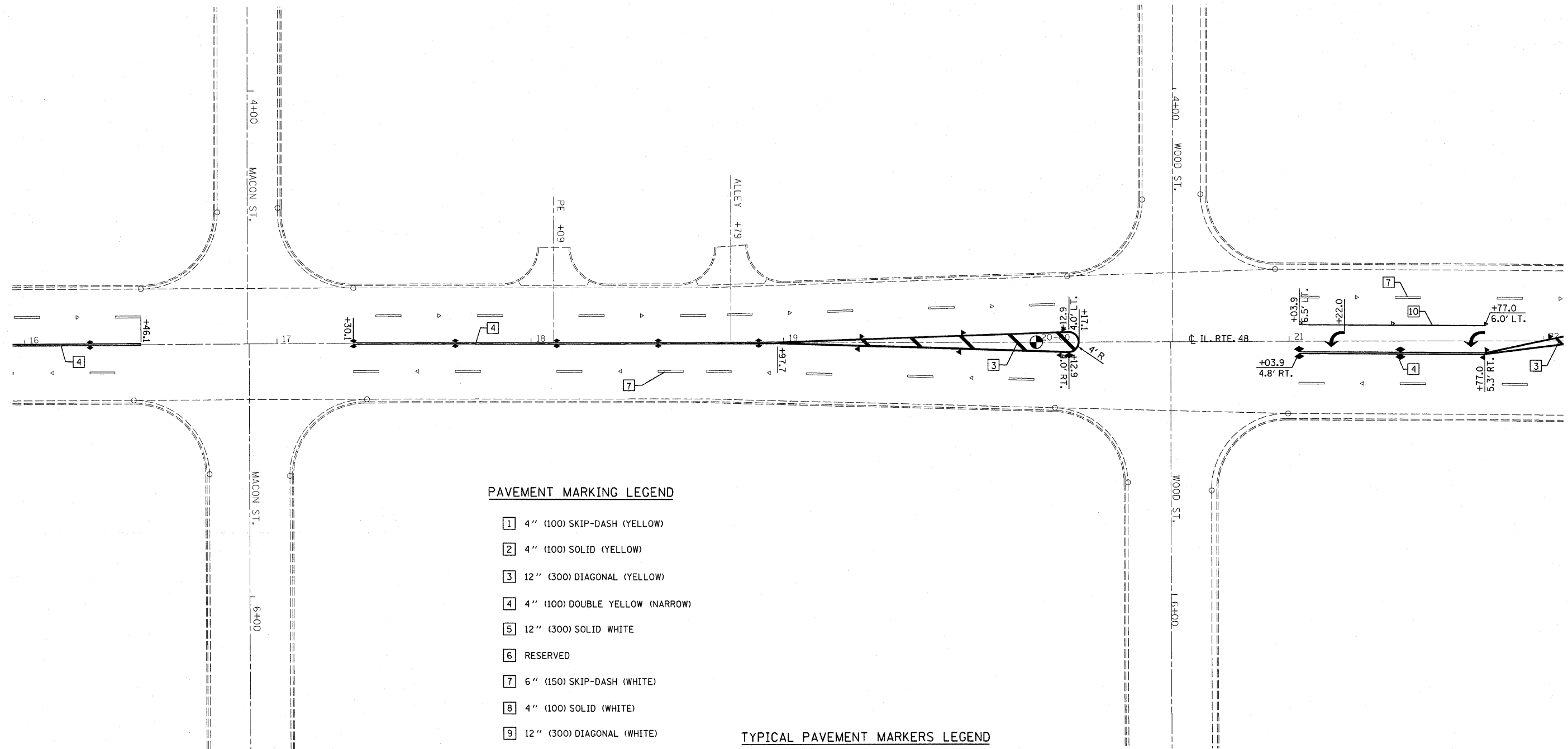
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

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	900-shr-striping.dgn	DRAWN -	REVISED -		716	(127R,RS-2)(130R-2,RS-1)	MACON	98	65				
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -			SCALE: 20			SHEET NO. 10 OF 19 SHEETS		STA. 11+00	TO STA. 17+00	CONTRACT NO. 74500	
PLOT DATE = 10/13/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT								



- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

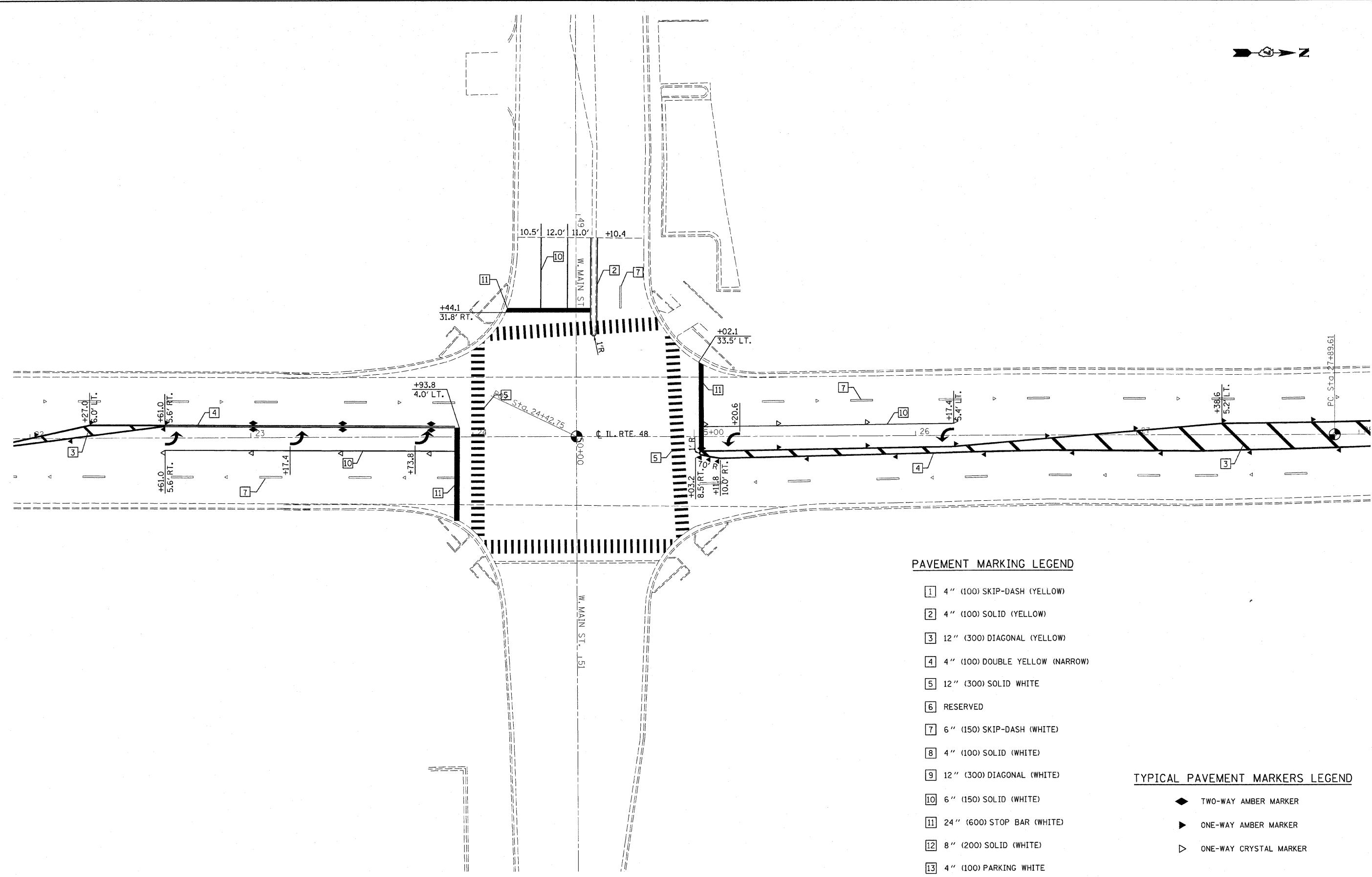
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PLOT DATE = 10/13/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING PLAN DETAIL

SCALE: 20 SHEET NO. 11 OF 19 SHEETS STA. 17+00 TO STA. 22+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	66
CONTRACT NO. 74500				
ILLINOIS FED. AID PROJECT				



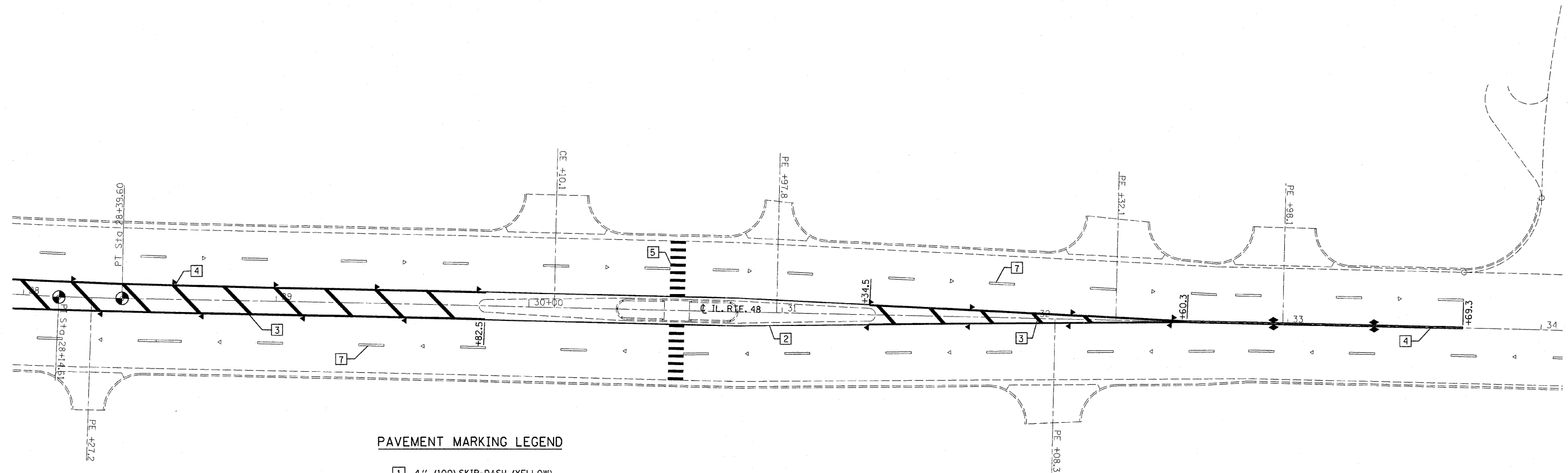
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

FILE NAME = c:\pw_work\pwidot\swartzr\10212489\d77	USER NAME = swartzr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRIPING PLAN DETAIL		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	500-shr-striping.dgn	DRAWN -	REVISED -		SCALE: 20	SHEET NO. 12 OF 19 SHEETS	STA. 22+00 TO STA. 28+00	716	(127R,RS-2)(130R-2,RS-1)	MACON	98
	PLOT SCALE = 20.0000' / 1".	CHECKED -	REVISED -				CONTRACT NO. 74500				
	PLOT DATE = 10/13/2011	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

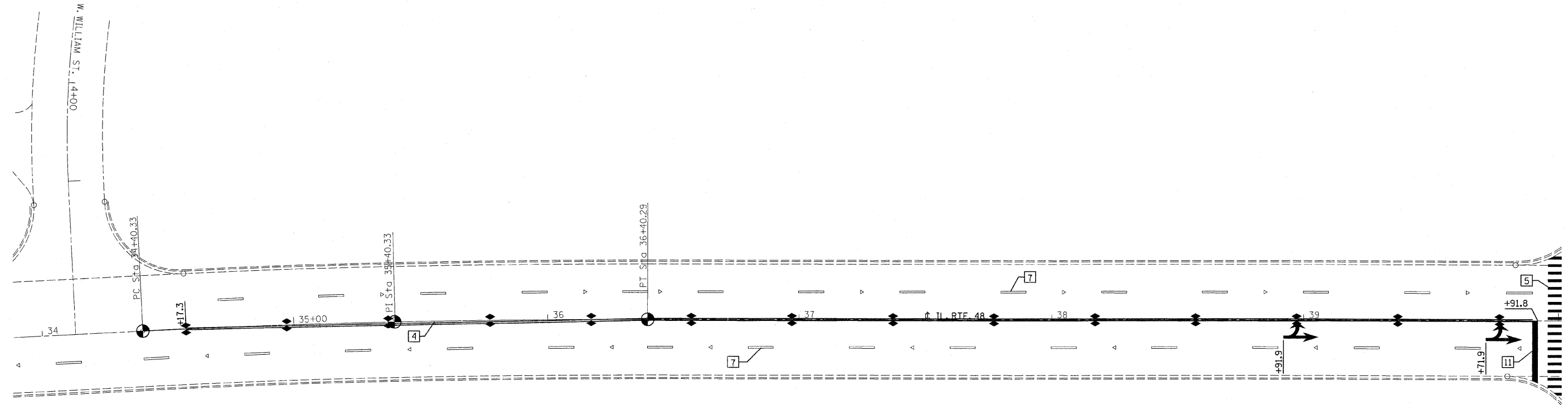
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	PLOT SCALE = 28.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING PLAN DETAIL

SCALE: 20 SHEET NO. 13 OF 19 SHEETS STA. 28+00 TO STA. 34+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	68
CONTRACT NO. 74500				
ILLINOIS FED. AID PROJECT				



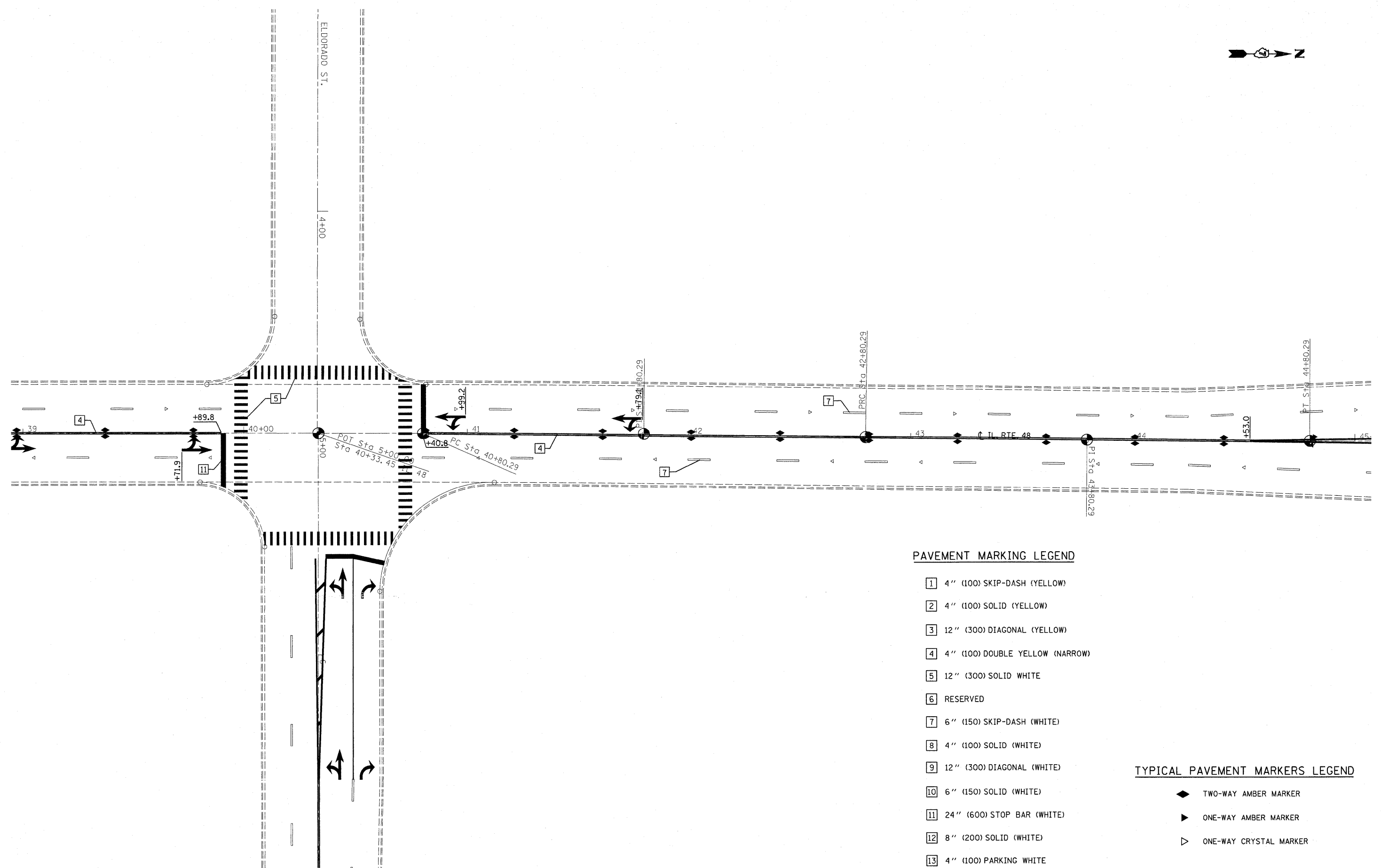
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRIPING PLAN DETAIL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\pwidot\swartzw\d0212489\d774500-shr-striping.dgn		DRAWN -	REVISED -		SCALE: 20	SHEET NO. 14 OF 19 SHEETS	STA. 34+00 TO STA. 39+00	716	(127R,RS-2)(130R-2,RS-1)	MACON	98	69
	PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 74500				
	PLOT DATE = 10/13/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

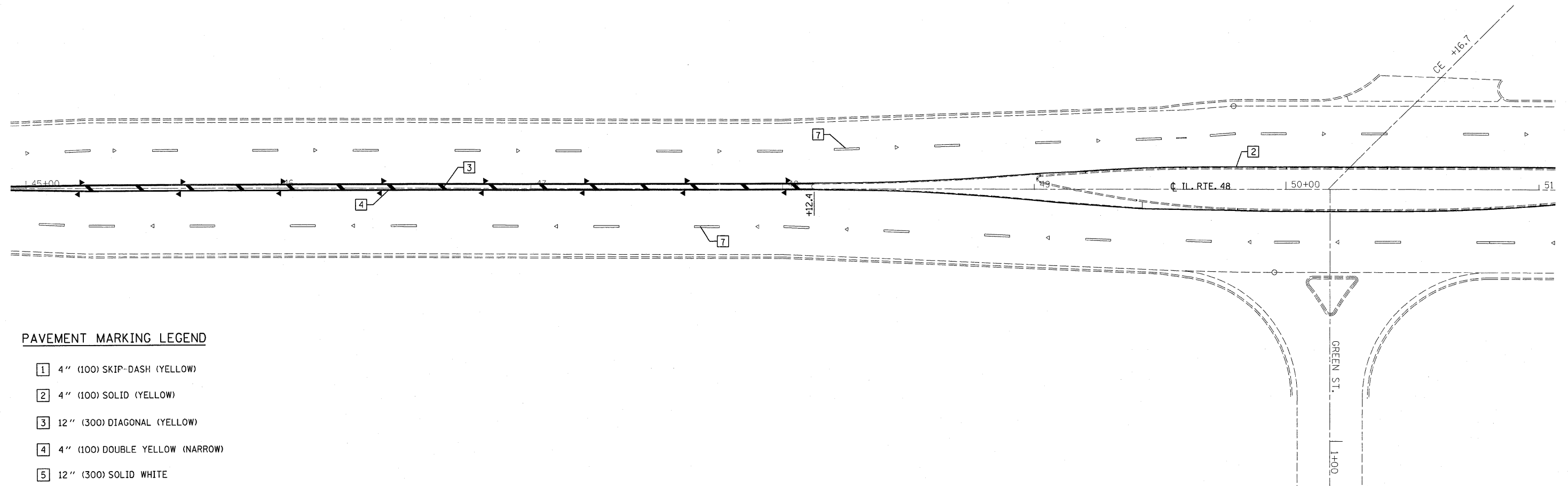
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	PLOT DATE = 10/13/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING PLAN DETAIL

SCALE: 20 SHEET NO. 15 OF 19 SHEETS STA. 39+00 TO STA. 45+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(12TR,RS-2)(13OR-2,RS-1)	MACON	98	70
				CONTRACT NO. 74500
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

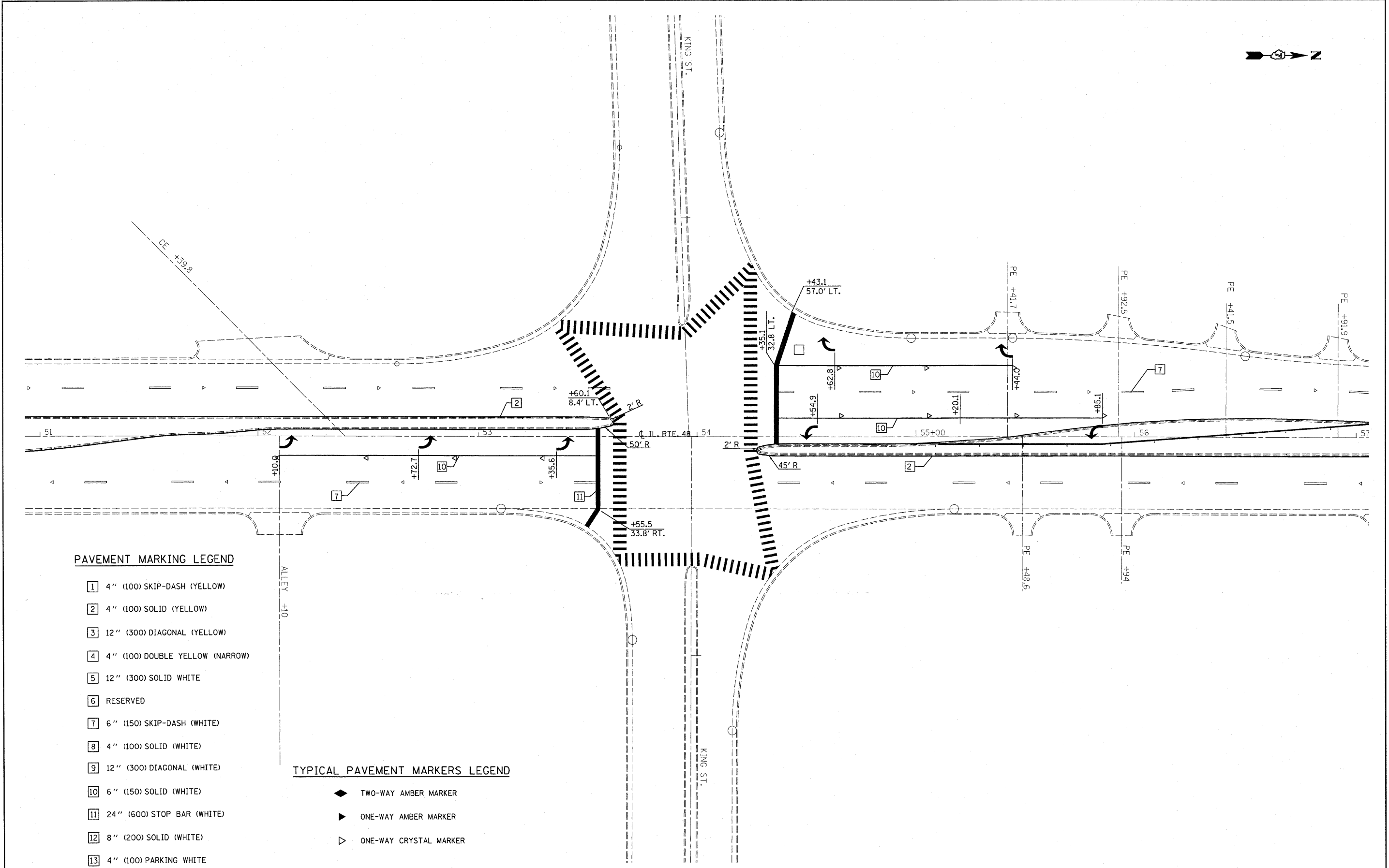
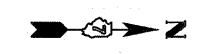
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	PLOT DATE = 10/13/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING PLAN DETAIL

SCALE: 20 SHEET NO. 16 OF 19 SHEETS STA. 45+00 TO STA. 51+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	71
CONTRACT NO. 74500				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

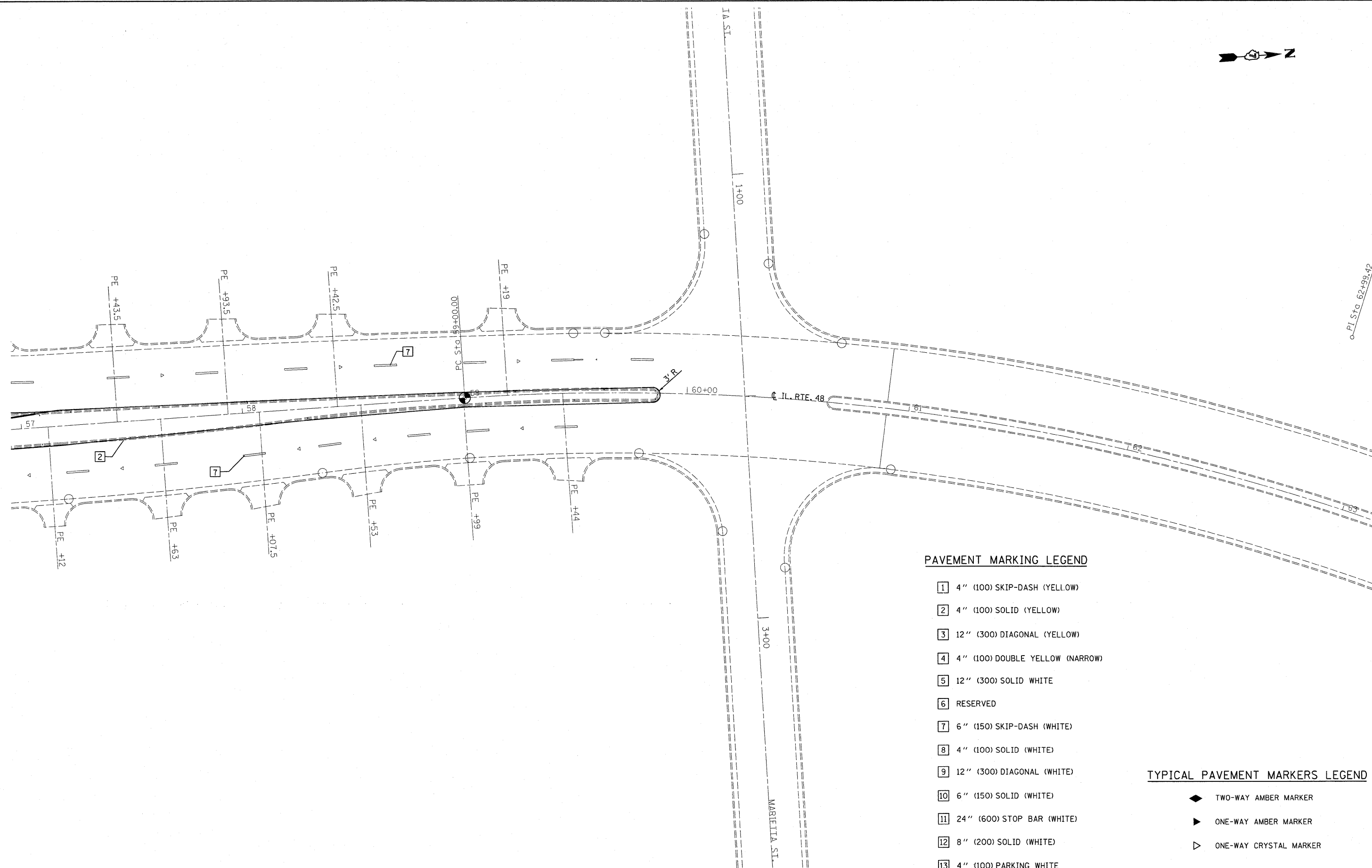
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PLOT SCALE = 20.0000' / 1" =		CHECKED -	REVISED -
PLOT DATE = 10/13/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING PLAN DETAIL

SCALE: 20 SHEET NO. 17 OF 19 SHEETS STA. 51+00 TO STA. 57+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	72
CONTRACT NO. 74500				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -
o:\pw\work\p\dot\swartzw\d0212489\d77	500-shr-striping.dgn	DRAWN -	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING PLAN DETAIL

SCALE: 20 SHEET NO. 18 OF 19 SHEETS STA. 57+00 TO STA. 60+71.54

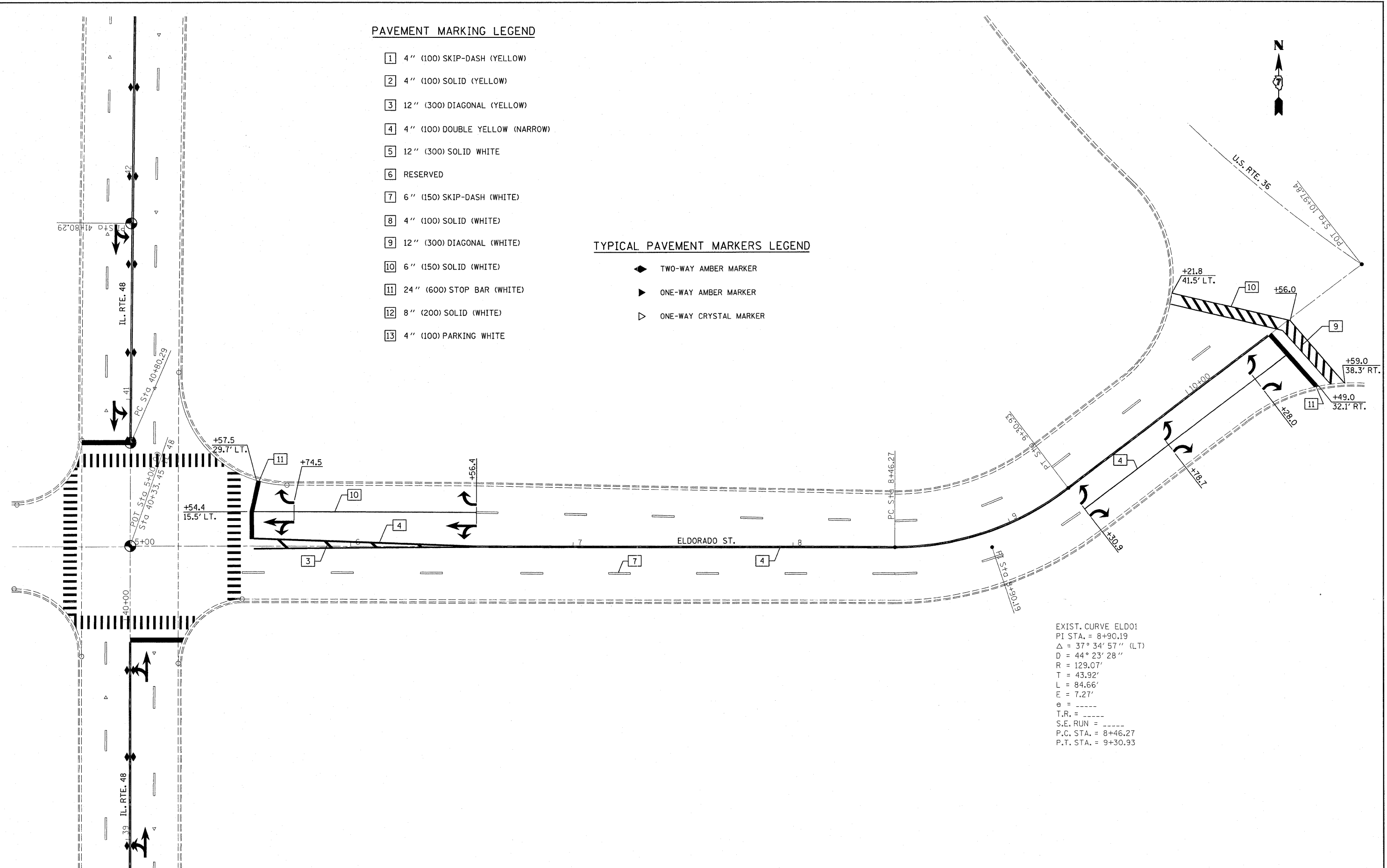
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	73
CONTRACT NO. 74500				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER



EXIST. CURVE ELD01
 PI STA. = 8+90.19
 $\Delta = 37^\circ 34' 57''$ (LT)
 D = 44' 23' 28"
 R = 129.07'
 T = 43.92'
 L = 84.66'
 E = 7.27'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 8+46.27
 P.T. STA. = 9+30.93

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -
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	PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2011	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

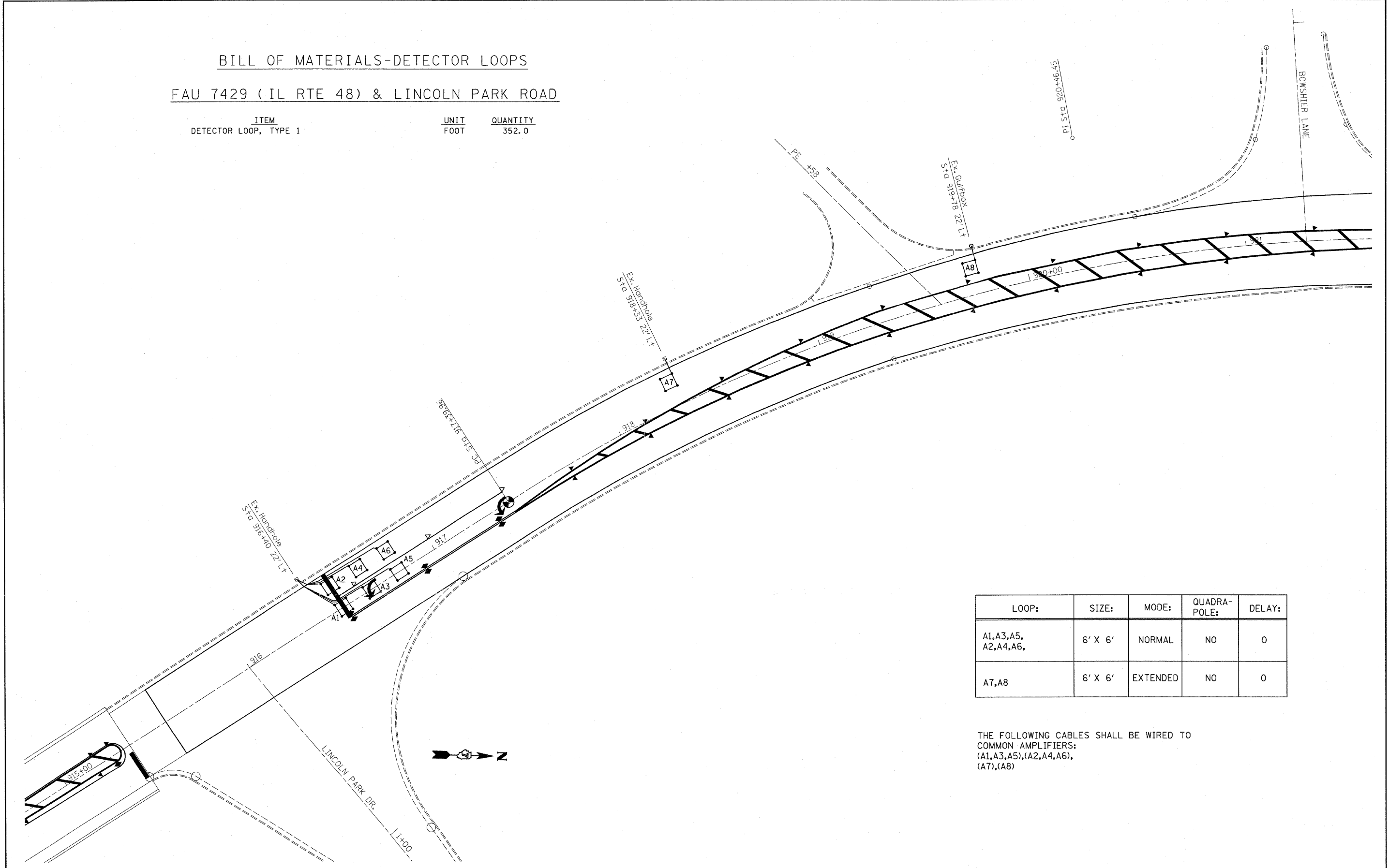
STRIPING PLAN DETAIL

SCALE: 20 SHEET NO. 19 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	•(127R,RS-2)(130R-2,RS-1)	MACON	98	74
CONTRACT NO. 74500				
ILLINOIS FED. AID PROJECT				

BILL OF MATERIALS-DETECTOR LOOPS
FAU 7429 (IL RTE 48) & LINCOLN PARK ROAD

ITEM	UNIT	QUANTITY
DETECTOR LOOP, TYPE 1	FOOT	352.0



LOOP:	SIZE:	MODE:	QUADRA-POLE:	DELAY:
A1,A3,A5, A2,A4,A6,	6' X 6'	NORMAL	NO	0
A7,A8	6' X 6'	EXTENDED	NO	0

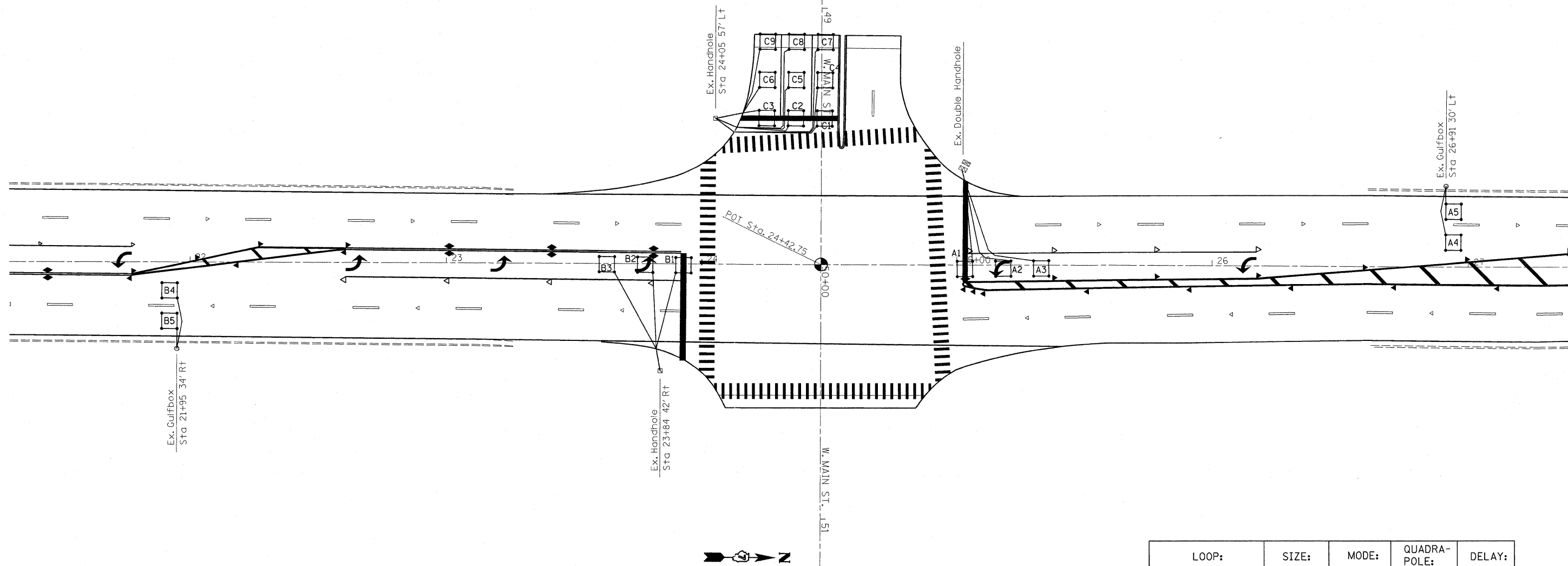
THE FOLLOWING CABLES SHALL BE WIRED TO
COMMON AMPLIFIERS:
(A1,A3,A5),(A2,A4,A6),
(A7),(A8)

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOPS IL RTE 48 & LINCOLN PARK ROAD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
ca:\pw_work\pwidot\swartzw\08212489\077	500-shd-Det Loops.dgn	DRAWN -	REVISED -		SCALE: 20	SHEET 1	OF 5 SHEETS	STA.	TO STA.	716	(127R,RS-2\130R-2,RS-1)	MACON	98	75
	PLOT SCALE = 20.0000' / 1" =	CHECKED -	REVISED -											
	PLOT DATE = 10/13/2011	DATE -	REVISED -											
ILLINOIS FED. AID PROJECT												CONTRACT NO. 74500		

BILL OF MATERIALS-DETECTOR LOOPS

FAU 7429 (IL RTE 48) & W. MAIN STREET

ITEM	UNIT	QUANTITY
DETECTOR LOOP, TYPE 1	FOOT	1005.0



LOOP:	SIZE:	MODE:	QUADRA-POLE:	DELAY:
A1,A2,A3, B1,B2,B3, C1,C4,C7, C2,C5,C8, C3,C6,C9	6' X 6'	NORMAL	NO	0
A4,A5, B4,B5	6' X 6'	EXTENDED	NO	0

THE FOLLOWING CABLES SHALL BE WIRED TO COMMON AMPLIFIERS:
 (A1,A2,A3),(A4),(A5),
 (B1,B2,B3),(B4),(B5)
 (C1,C4,C7),(C2,C5,C8),
 (C3,C6,C9)

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -
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	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOPS
IL RTE 48 & W. MAIN STREET

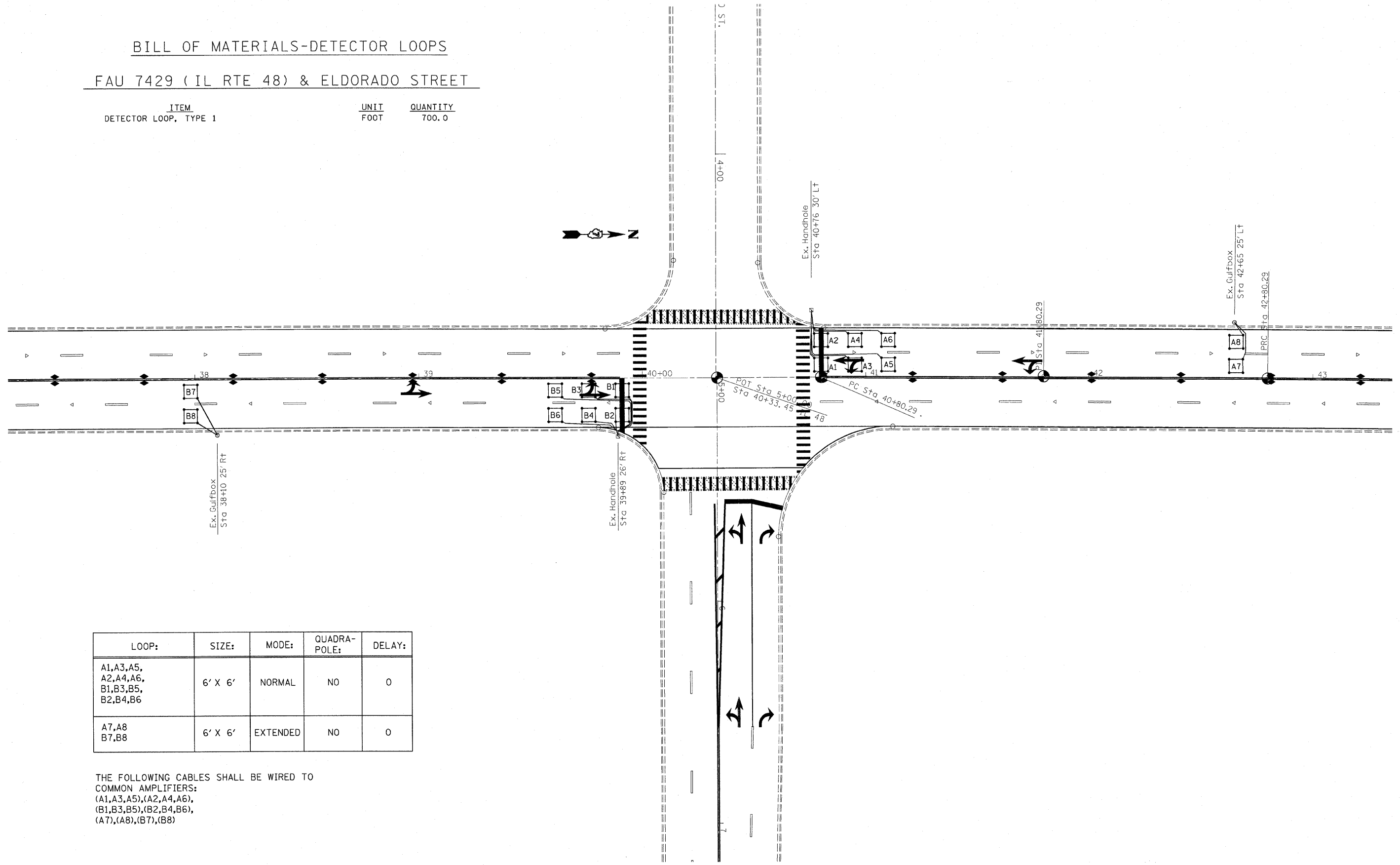
SCALE: 20 SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	76
ILLINOIS FED. AID PROJECT				

CONTRACT NO. 74500

BILL OF MATERIALS-DETECTOR LOOPS
FAU 7429 (IL RTE 48) & ELDORADO STREET

ITEM	UNIT	QUANTITY
DETECTOR LOOP, TYPE 1	FOOT	700.0

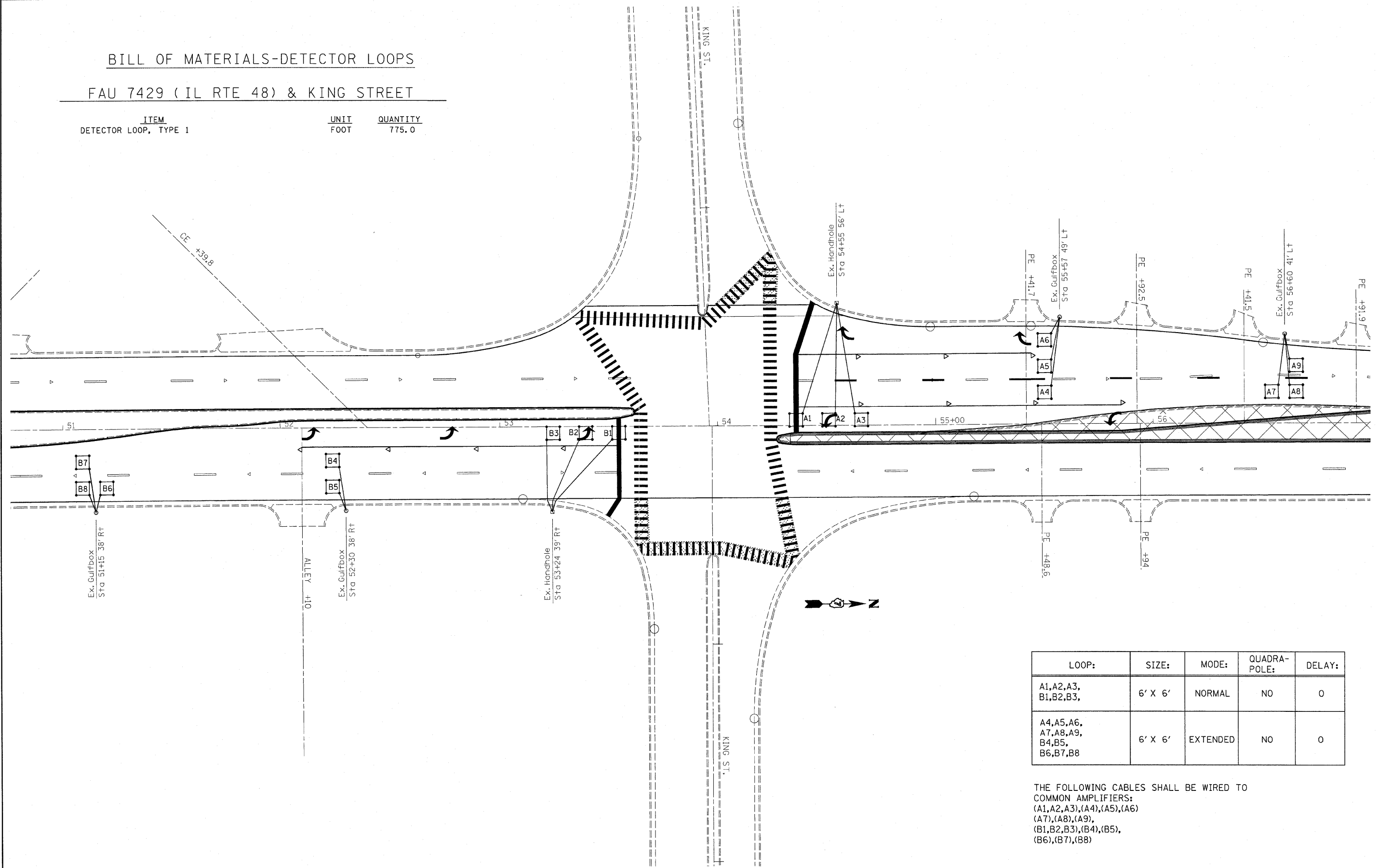


LOOP:	SIZE:	MODE:	QUADRA-POLE:	DELAY:
A1,A3,A5, A2,A4,A6, B1,B3,B5, B2,B4,B6	6' X 6'	NORMAL	NO	0
A7,A8 B7,B8	6' X 6'	EXTENDED	NO	0

THE FOLLOWING CABLES SHALL BE WIRED TO COMMON AMPLIFIERS:
 (A1,A3,A5),(A2,A4,A6),
 (B1,B3,B5),(B2,B4,B6),
 (A7),(A8),(B7),(B8)

BILL OF MATERIALS-DETECTOR LOOPS
FAU 7429 (IL RTE 48) & KING STREET

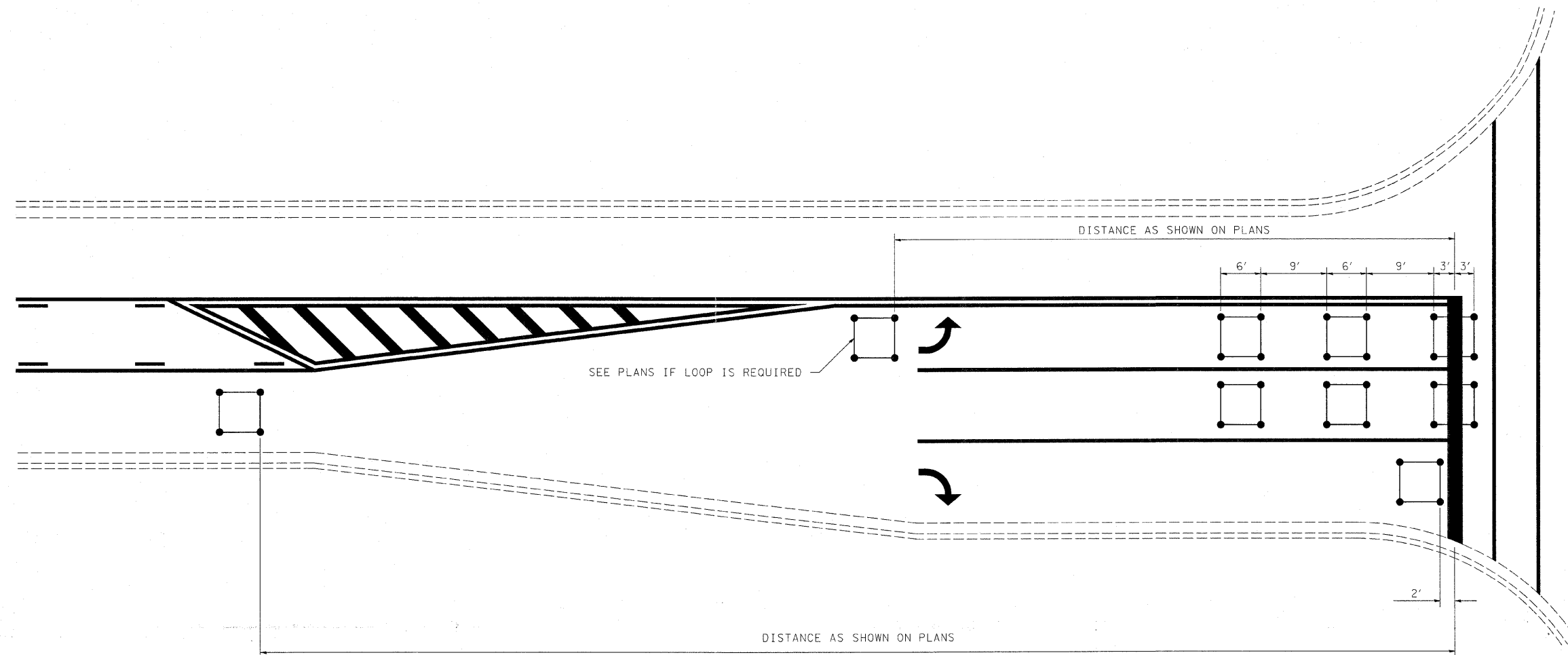
ITEM	UNIT	QUANTITY
DETECTOR LOOP, TYPE 1	FOOT	775.0



LOOP:	SIZE:	MODE:	QUADRA- POLE:	DELAY:
A1,A2,A3, B1,B2,B3,	6' X 6'	NORMAL	NO	0
A4,A5,A6, A7,A8,A9, B4,B5, B6,B7,B8	6' X 6'	EXTENDED	NO	0

THE FOLLOWING CABLES SHALL BE WIRED TO
COMMON AMPLIFIERS:
(A1),(A2),(A3),(A4),(A5),(A6)
(A7),(A8),(A9),
(B1),(B2),(B3),(B4),(B5),
(B6),(B7),(B8)

TYPICAL APPLICATION OF DETECTOR LOOPS



NOTE:

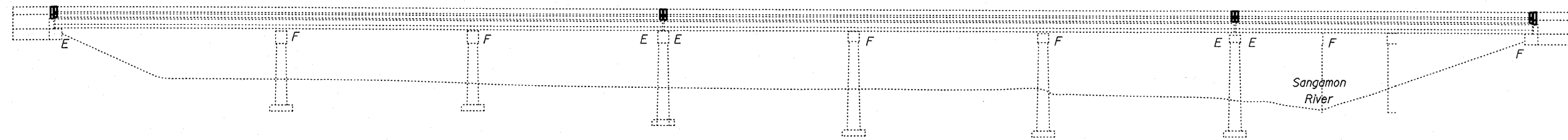
1. EACH LOOP SHALL HAVE ITS OWN HOMERUN TO THE GULFBOX/HANDHOLE.
2. LOOPS SHOULD BE CENTERED IN EACH LANE.
3. USE 6' BY 6' LOOPS FOR LANE WIDTHS OF 11' OR GREATER.
4. USE 5' BY 5' LOOPS IF LANE WIDTH IS LESS THAN 11'.

NOT TO SCALE

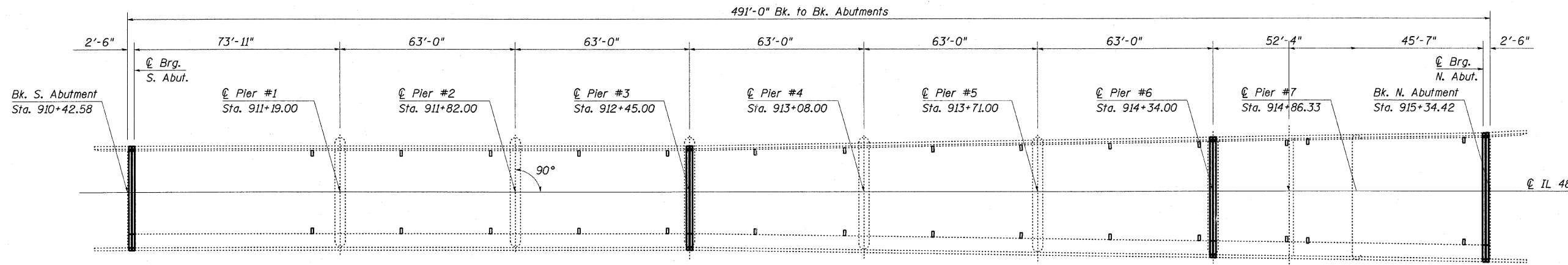
DISTRICT 7 DETAIL NO. 88600100

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED - MKS 4-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS OF DETECTOR LOOPS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw_work\pwidot\swartzrw\0212489\0774500-shr-Det Loops.dgn	PLOT SCALE = 20,000' / in.	DRAWN -	REVISED -			716	(127R,RS-2)(130R-2,RS-1)	MACON	98	79	
PLOT DATE = 10/13/2011	DATE -	REVISOR -	REVISOR -			CONTRACT NO. 74500					
						SCALE: NA	SHEET NO. 5 OF 5 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO.

The existing eight span concrete I-beam structure was constructed in 1929 as SBI 48 section 127BY at Sta. 912+75 and reconstructed in 1957 and in 1992 as SBI 48 section 127BR at Sta. 912+88.5. SN. 058-0037 carries FAU 7429 (IL 48). The proposed project consists of new expansion joints and new drainage scuppers.



ELEVATION



PLAN

DESIGN STRESSES

FIELD UNITS

$f'_c=5,000$ psi. $f_y=36,000$ psi. (M183)
 $F_y=60,000$ psi. (Reinf) $f_y=50,000$ psi. (M223 Gr. 50)

PRECAST PRESTRESSED UNIT

$f'_c=5,000$ psi. $f'_s=270,000$ psi. ($1/2$ " ϕ strands)
 $f'_{ci}=4,000$ psi. $f'_{si}=189,000$ psi. ($1/2$ " ϕ strands)



David Carl Puzey 12/9/11
 Expires 11/30/12

FILE NAME =	USER NAME = swartzw	DESIGNED - KLB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION SN. 058-0037		F.A.P. RTE. 716	SECTION *	COUNTY Macon	TOTAL SHEETS 98	SHEET NO. 80	
CONTRACT NO. 74500	PLOT SCALE = 20.0000' / 1" in.	CHECKED - MEA	REVISED -		SCALE: NA	SHEET NO. 1 OF 13 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				
	PLOT DATE = 10/13/2011	DATE - 08/16/11	REVISED -		*(127R,RS-2)(130R-2,RS-1)							

GENERAL NOTES

Plan dimensions and details relative to the existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the contractor's responsibility to verify dimensions and details in the field, and to make necessary approved adjustments prior to construction or material acquisition. Such variations shall not be cause for additional compensation or change in the scope of work. The contractor will be paid for the quantity actually furnished at the unit bid price for the work.

Reinforcement bars shall conform to the requirements of ASTM A 706 GRADE 60. See Special Provisions.

Reinforcement Bars designated (E) shall be epoxy coated.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal operations shall be replaced using an approved bar splicer or anchorage system. Cost included in CONCRETE REMOVAL.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50°F.

Electrical service to the overhead lighting mounted to the structure is provided through a conduit within the west parapet. The Contractor shall take precautions not to damage the utility during removal and replacement of the parapet. Removal and reattachment of the exposed conduit at the south abutment will also be necessary for the construction of the expansion joint. This work and all materials shall be included in the contract unit price for CONCRETE SUPERSTRUCTURE.

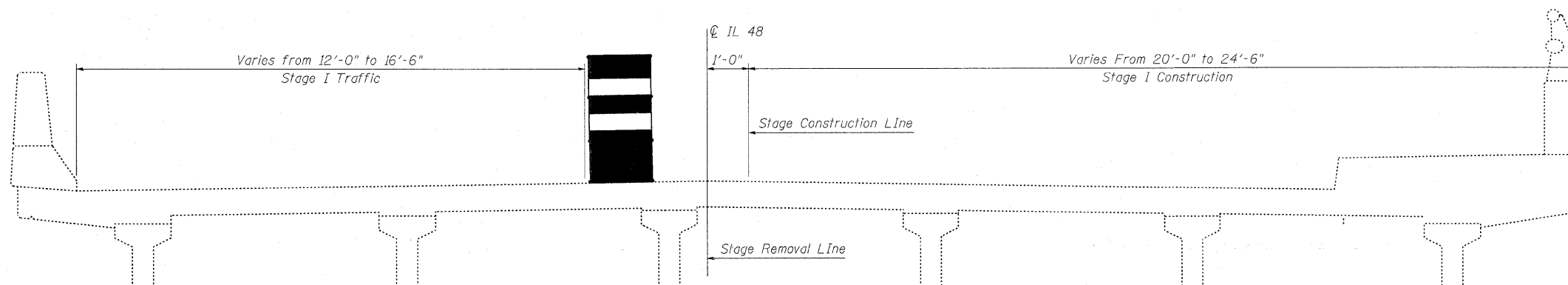
Cost of the scupper removal shall be included in the contract unit price for CONCRETE REMOVAL.

The Contractor is advised of the presence of an above ground temporary water main installed under the structure. It is the responsibility of the Contractor to protect the above mentioned water main and ensure that no damage is done to it during the deck drain and joint reconstruction operations.

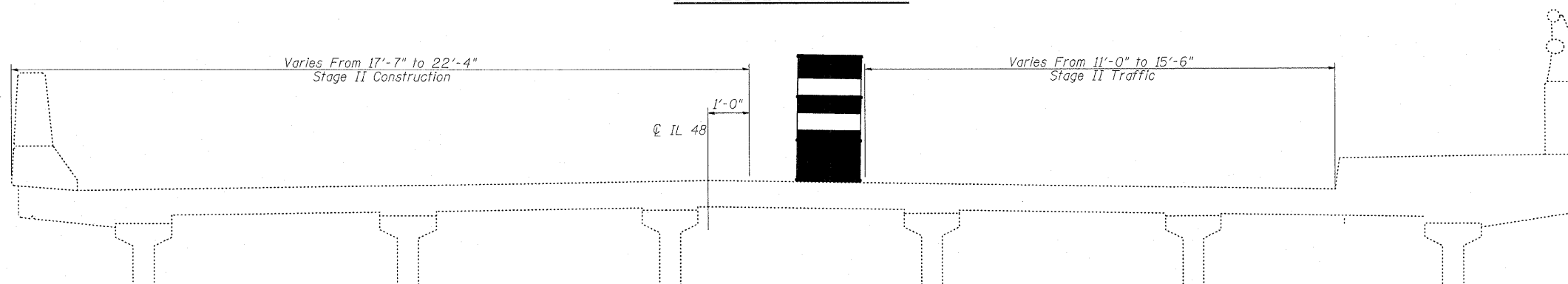
TOTAL BILL OF MATERIALS

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	19.1
Concrete Superstructure	Cu. Yd.	19.1
Reinforcement Bars, Epoxy Coated	Pound	2640
Bar Splicers	Each	16
Mechanical Splicers	Each	128
Preformed Joint Strip Seal	Foot	167.0
*Protective Coat	Sq Yd	52
Drainage Scuppers, DS-12	Each	12

*Apply to new concrete only.

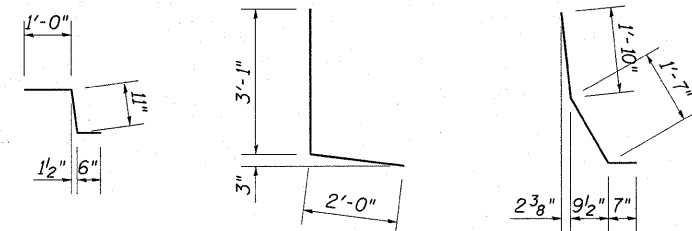


STAGE I LOOKING NORTH



STAGE II LOOKING NORTH

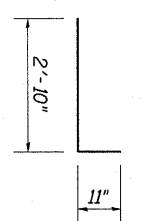
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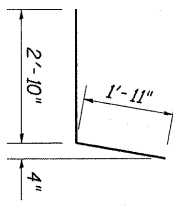
Bar c(E)

Bar d(E)

Bar d1(E)

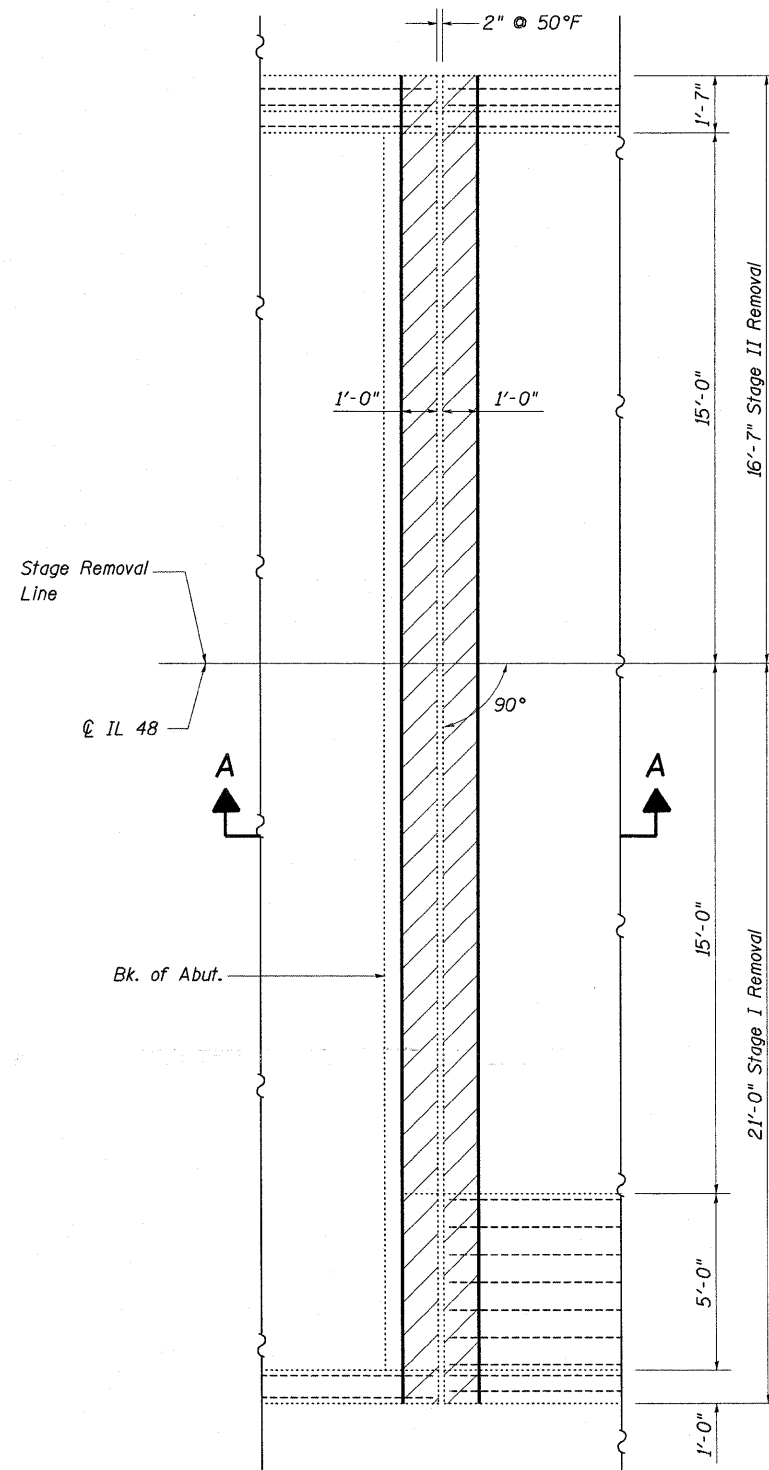


Bar d3(E)

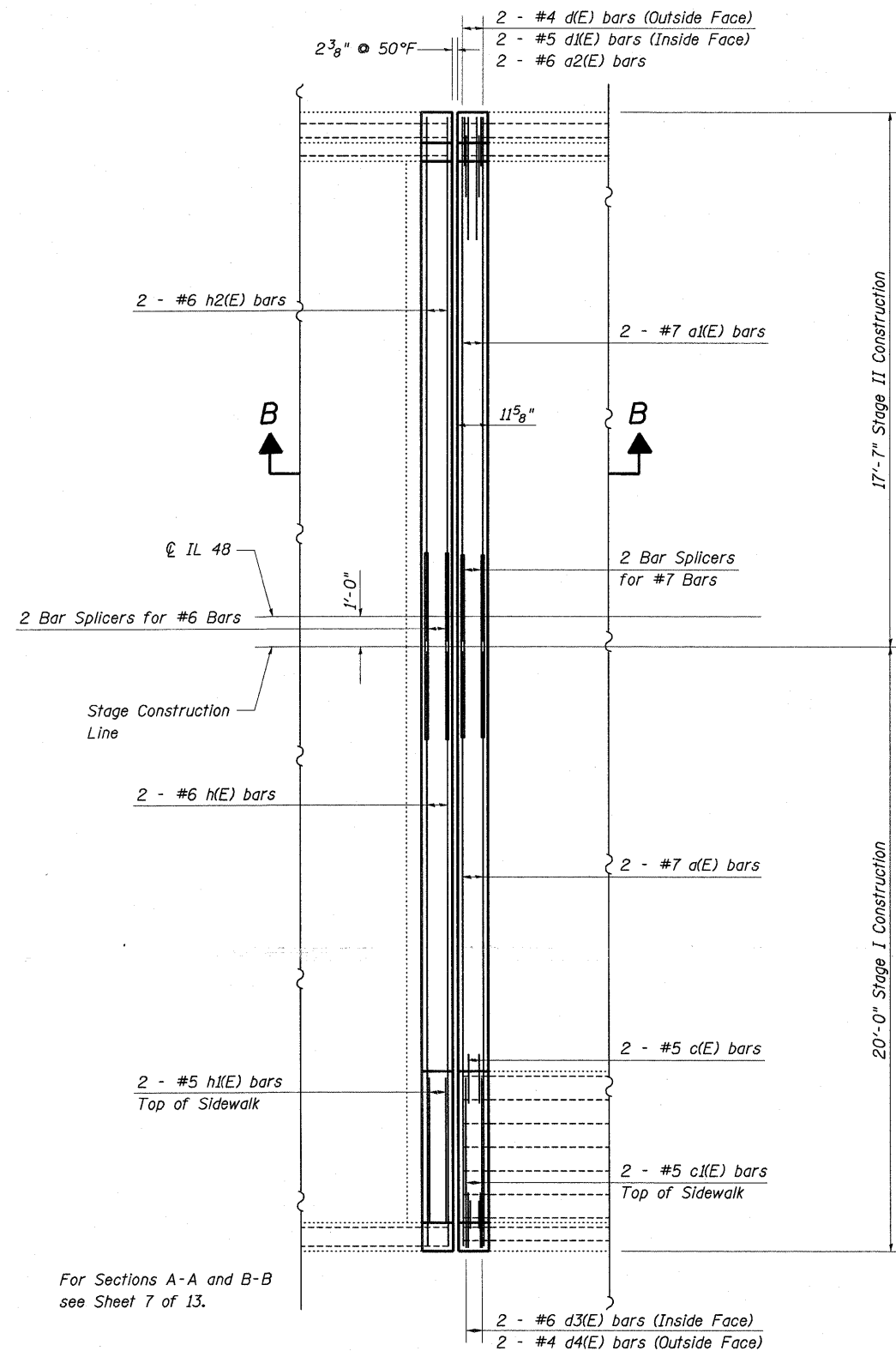


Bar d4(E)

Hatching indicates removal.



EXISTING PARTIAL PLAN



PROPOSED PARTIAL PLAN

BILL OF MATERIAL

BAR	NUMBER OF BARS		TOTAL	SIZE	LENGTH	SHAPE
	STAGE I	STAGE II				
a (E)	2		2	#7	19'-6"	—
a1(E)		2	2	#7	17'-0"	—
a2(E)		2	2	#6	4'-0"	—
c (E)	2		2	#5	2'-5"	L
c1(E)	2		2	#5	5'-8"	—
d (E)		2	2	#4	5'-1"	L
d1(E)		2	2	#5	4'-0"	—
d3(E)	2		2	#6	3'-9"	L
d4(E)	2		2	#4	4'-9"	L
h (E)	2		2	#6	18'-9"	—
h1(E)	2		2	#5	4'-9"	—
h2(E)		2	2	#6	15'-9"	—
REINFORCEMENT BARS (EPOXY COATED)					POUND	320
CONCRETE REMOVAL					CU YD	2.3
CONCRETE SUPERSTRUCTURE					CU YD	2.3

For Sections A-A and B-B see Sheet 7 of 13.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

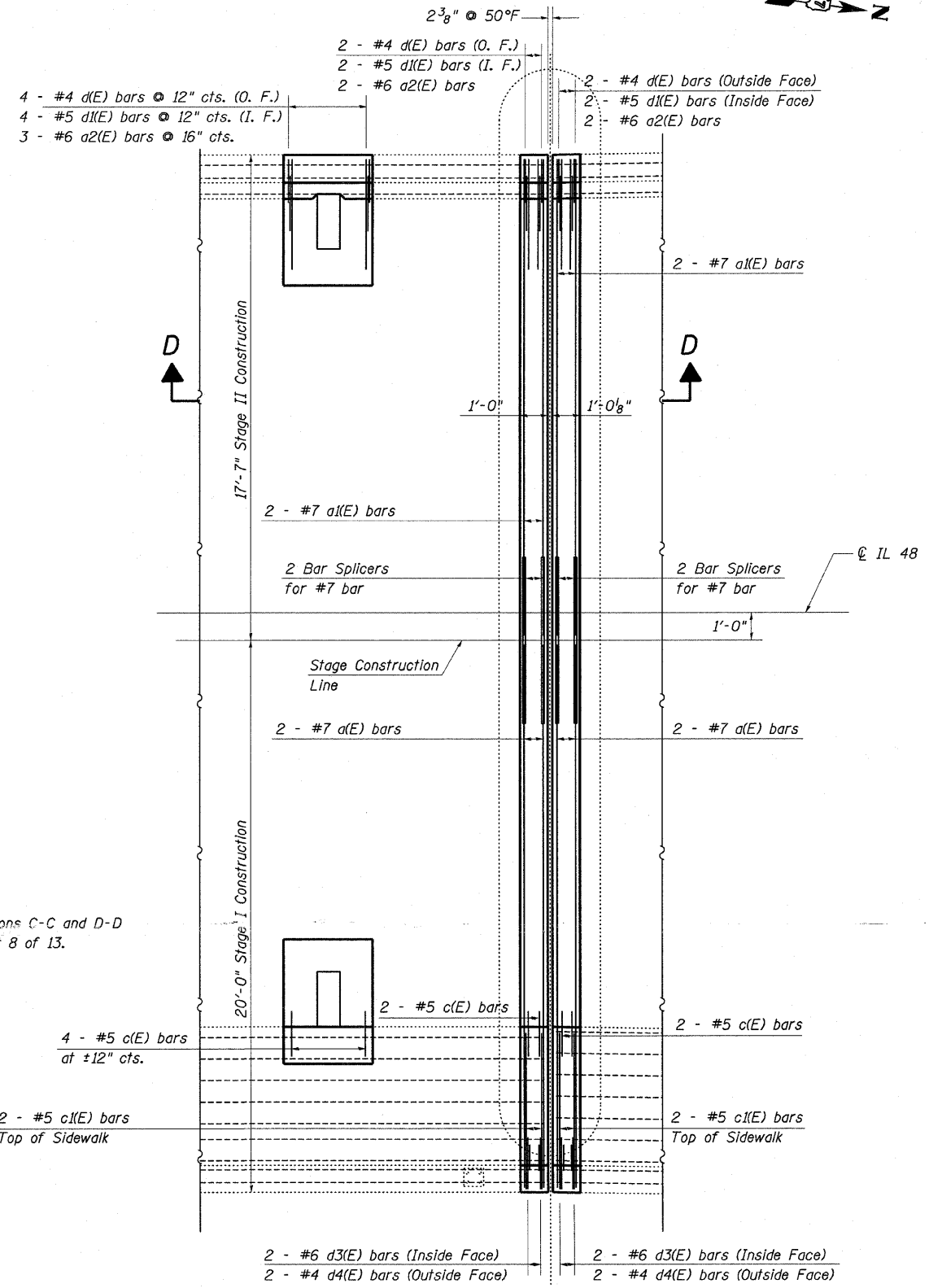
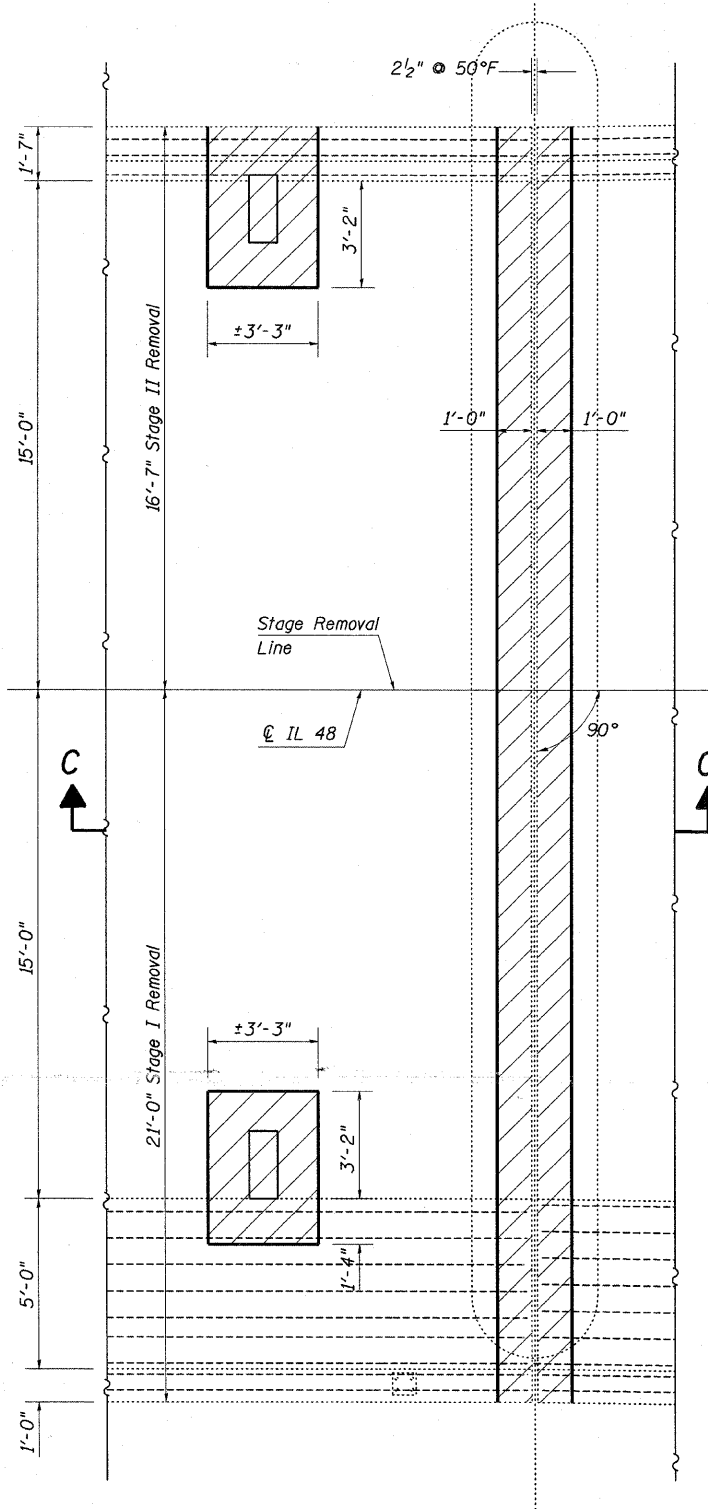
EXPANSION JOINT REPLACEMENT DETAILS
SOUTH ABUTMENT - SN. 058-0037

SCALE: NA SHEET NO. 3 OF 13 SHEETS STA. TO STA.

F.A.P. RTE. 716	SECTION *	COUNTY Macon	TOTAL SHEETS 98	SHEET NO. 82
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74500	

*(127R,RS-2)(130R-2,RS-1)

Hatching indicates removal.



For Sections C-C and D-D see Sheet 8 of 13.

BILL OF MATERIAL

BAR	NUMBER OF BARS		TOTAL	SIZE	LENGTH	SHAPE	
	STAGE I	STAGE II					
a (E)	4		4	#7	19'-6"	—	
a1(E)		4	4	#7	17'-0"	—	
a2(E)		4	4	#6	4'-0"	—	
c (E)	8		8	#5	2'-5"	—	
c1(E)	4		4	#5	5'-8"	—	
d (E)		4	4	#4	5'-1"	L	
d1(E)		4	4	#5	4'-0"	L	
d3(E)	4		4	#6	3'-9"	L	
d4(E)	4		4	#4	4'-9"	L	
*REINFORCEMENT BARS (EPOXY COATED)						POUND	430
*CONCRETE REMOVAL						CU YD	2.4
*CONCRETE SUPERSTRUCTURE						CU YD	2.4

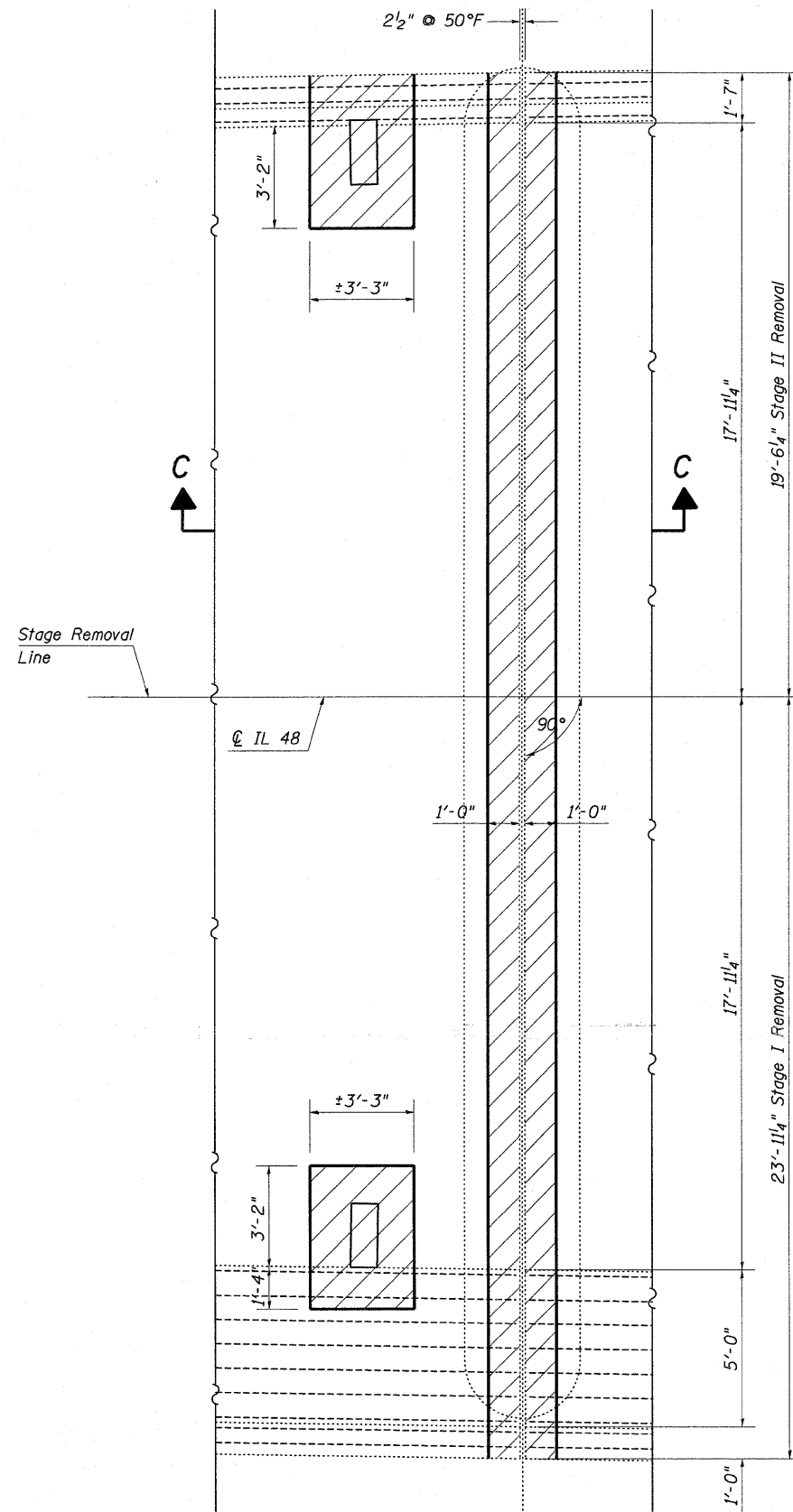
*Quantities shown for joint repairs. For quantities related to scupper replacement see Sheet 10 of 13.

EXISTING PARTIAL PLAN

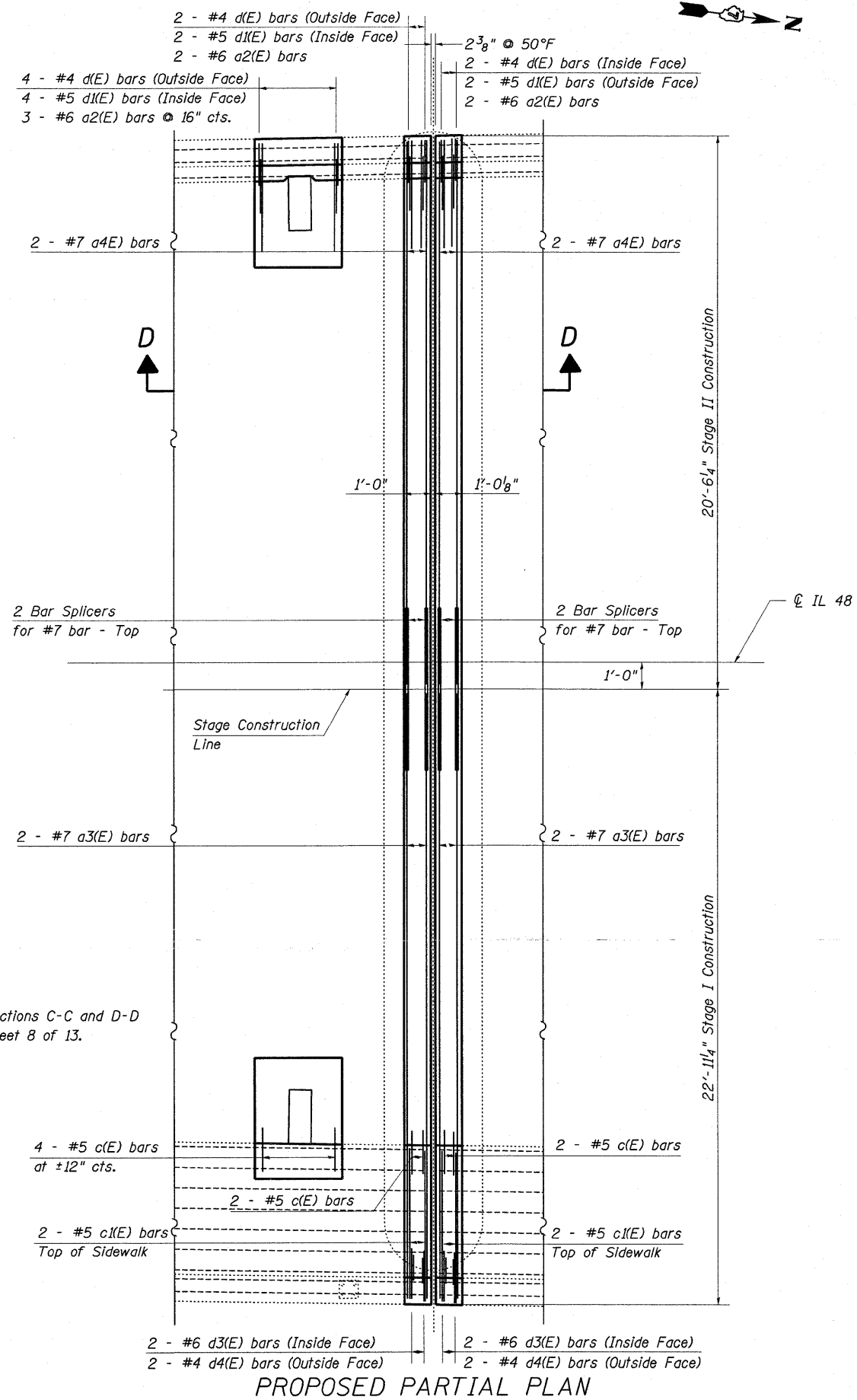
PROPOSED PARTIAL PLAN

*(127R,RS-2)(130R-2,RS-1)

Hatching indicates removal.



EXISTING PARTIAL PLAN



PROPOSED PARTIAL PLAN

BILL OF MATERIAL

BAR	NUMBER OF BARS		TOTAL	SIZE	LENGTH	SHAPE
	STAGE I	STAGE II				
a2(E)		4	4	#6	4'-0"	—
a3(E)	4		4	#7	22'-6"	—
a4(E)		4	4	#7	20'-0"	—
c (E)	8		8	#5	2'-5"	┌
c1(E)	4		4	#5	5'-8"	—
d (E)		4	4	#4	5'-1"	└
d1(E)		4	4	#5	4'-0"	└
d3(E)	4		4	#6	3'-9"	└
d4(E)	4		4	#4	4'-9"	└
*REINFORCEMENT BARS (EPOXY COATED)					POUND	480
*CONCRETE REMOVAL					CU YD	2.7
*CONCRETE SUPERSTRUCTURE					CU YD	2.7

*Quantities shown for joint repairs. For quantities related to scupper replacement see Sheet 10 of 13.

For Sections C-C and D-D see Sheet 8 of 13.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXPANSION JOINT REPLACEMENT DETAILS
PIER #6 - SN. 058-0037

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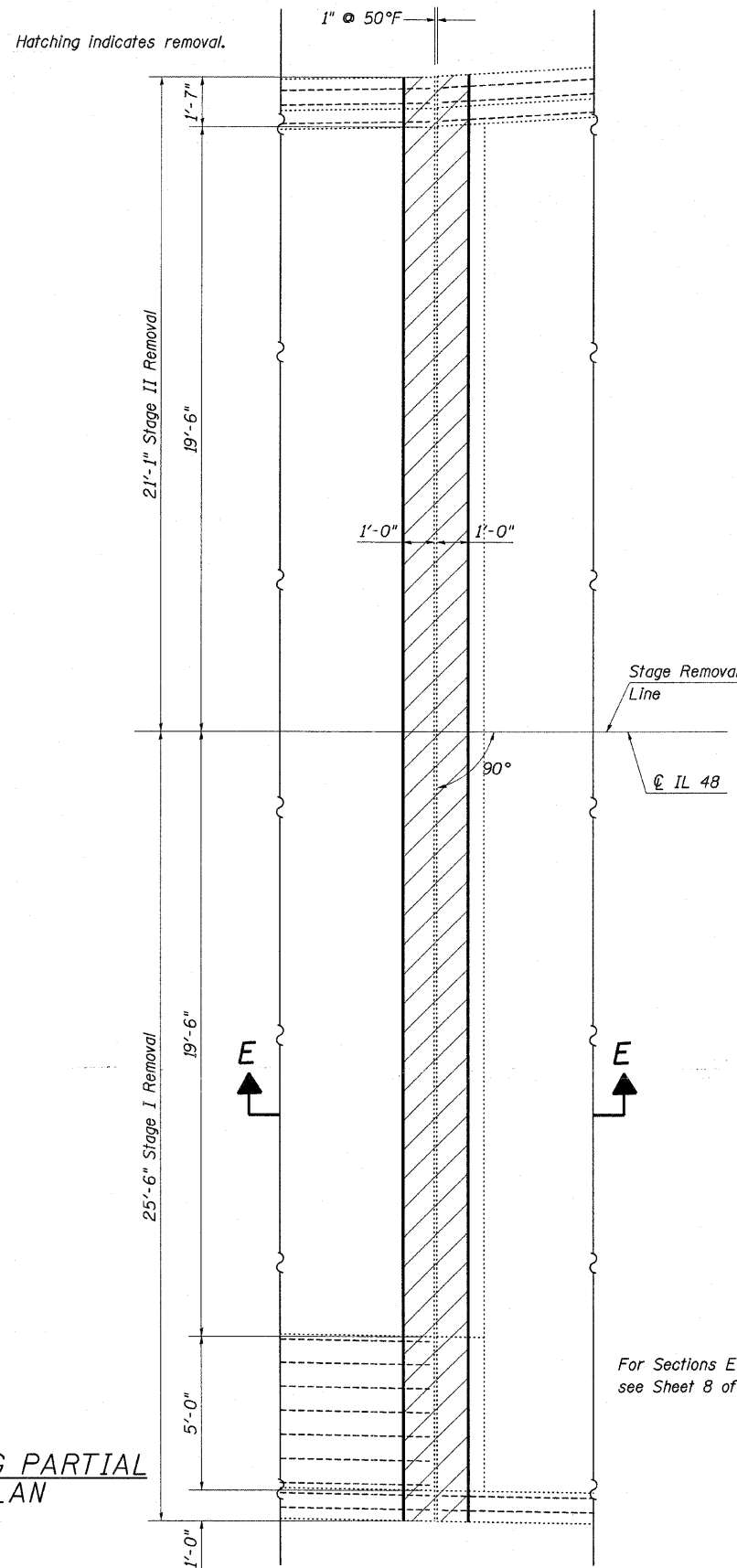
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 74500	

*(127R,RS-2)(130R-2,RS-1)

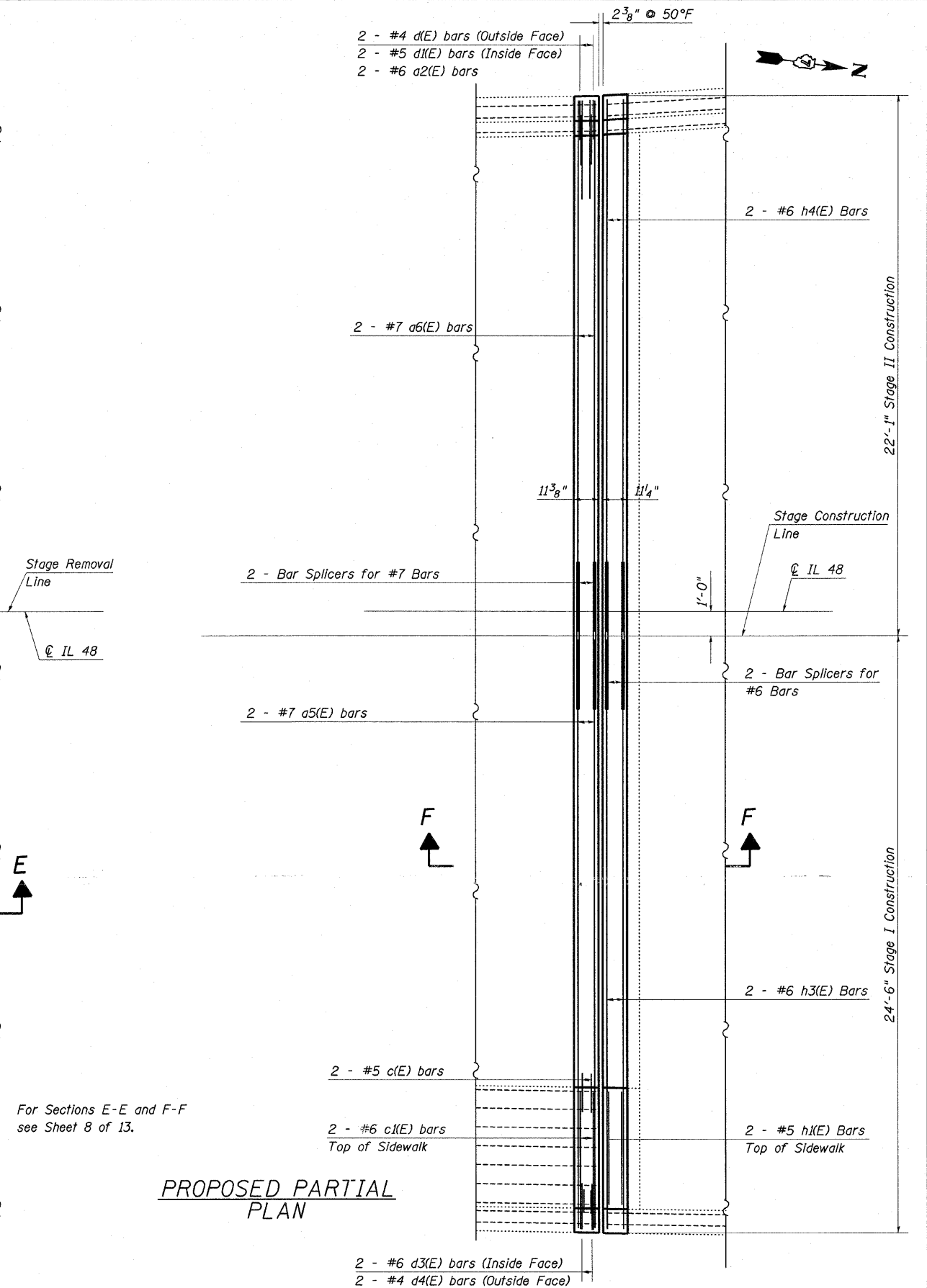
BILL OF MATERIAL

BAR	NUMBER OF BARS		TOTAL	SIZE	LENGTH	SHAPE
	STAGE I	STAGE II				
a2(E)		2	2	#6	4'-0"	—
a5(E)	2		2	#7	23'-3"	—
a6(E)		2	2	#7	20'-9"	—
c (E)	2		2	#5	2'-5"	L
c1(E)	2		2	#6	5'-8"	—
d (E)		2	2	#4	5'-1"	L
d1(E)		2	2	#5	4'-0"	L
d3(E)	2		2	#6	3'-9"	L
d4(E)	2		2	#4	4'-9"	L
h1(E)	2		2	#5	4'-9"	—
h3(E)	2		2	#6	20'-3"	—
h4(E)		2	2	#6	23'-3"	—
REINFORCEMENT BARS (EPOXY COATED)					POUND	390
CONCRETE REMOVAL					CU YD	2.8
CONCRETE SUPERSTRUCTURE					CU YD	2.8

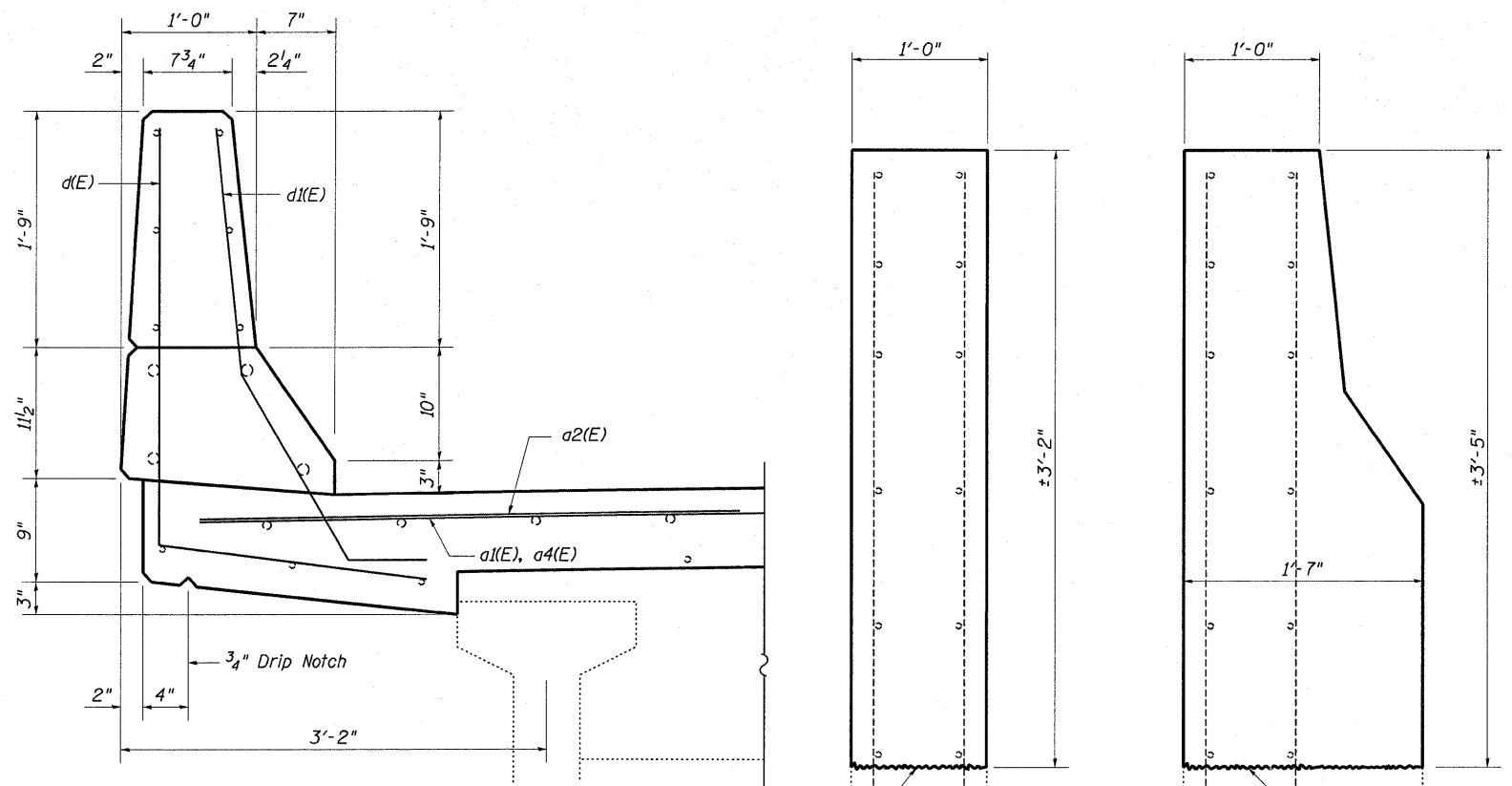
EXISTING PARTIAL PLAN



PROPOSED PARTIAL PLAN



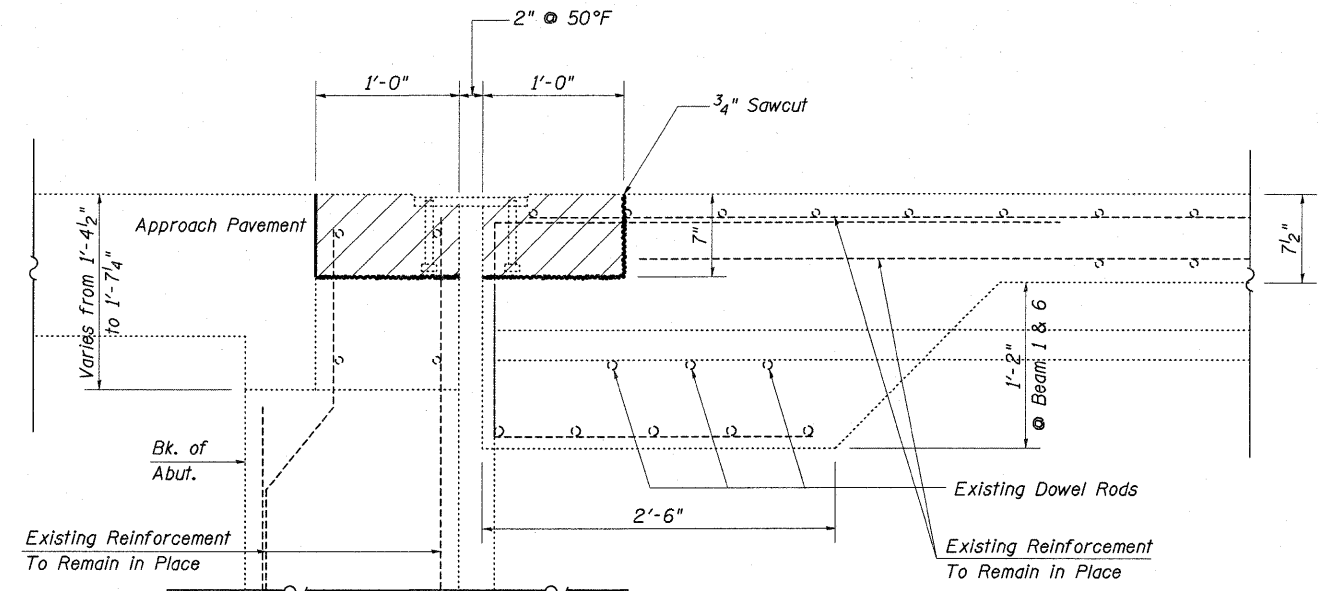
For Sections E-E and F-F see Sheet 8 of 13.



SECTION THRU PARAPET

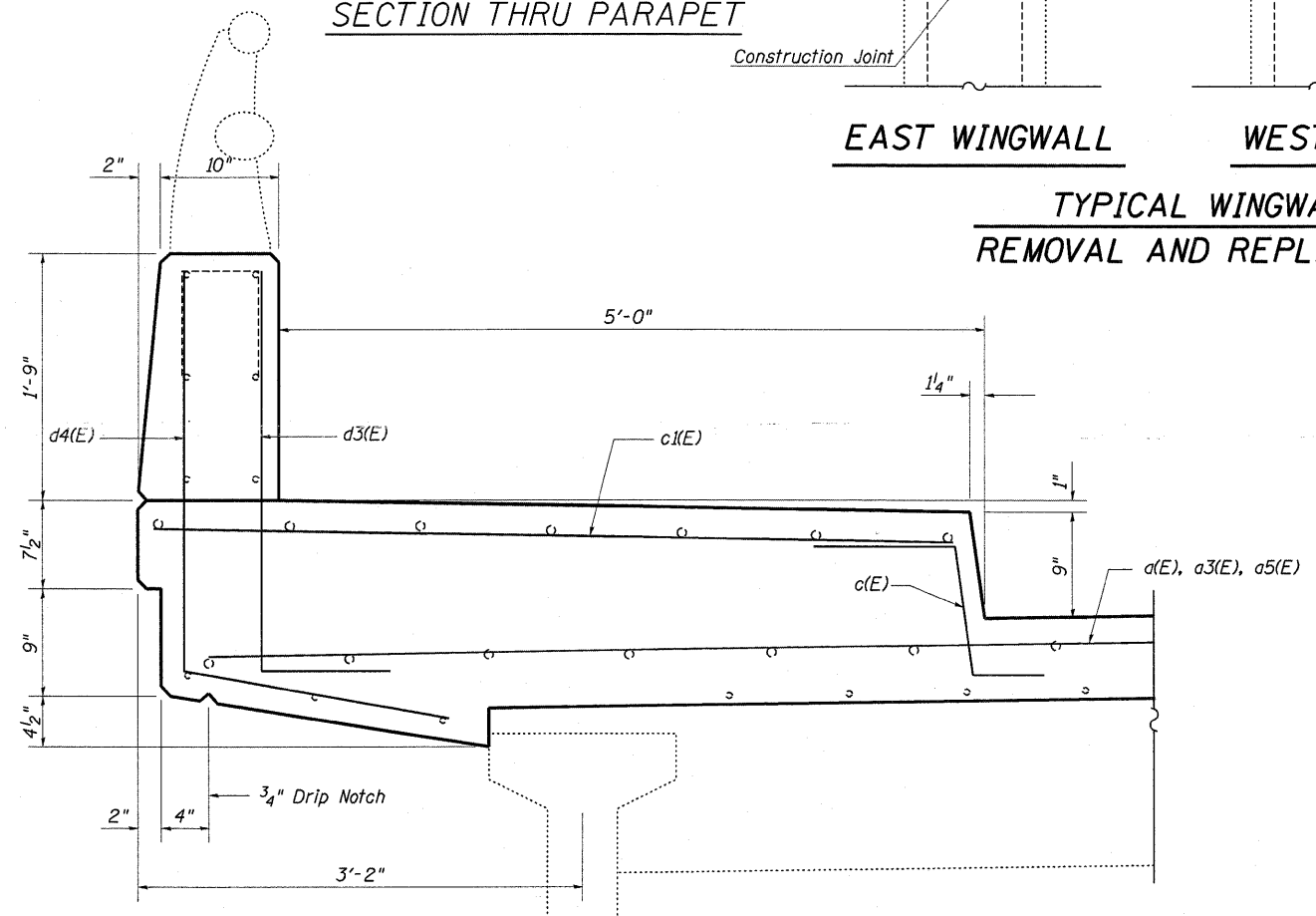
EAST WINGWALL WEST WINGWALL

TYPICAL WINGWALL
REMOVAL AND REPLACEMENT

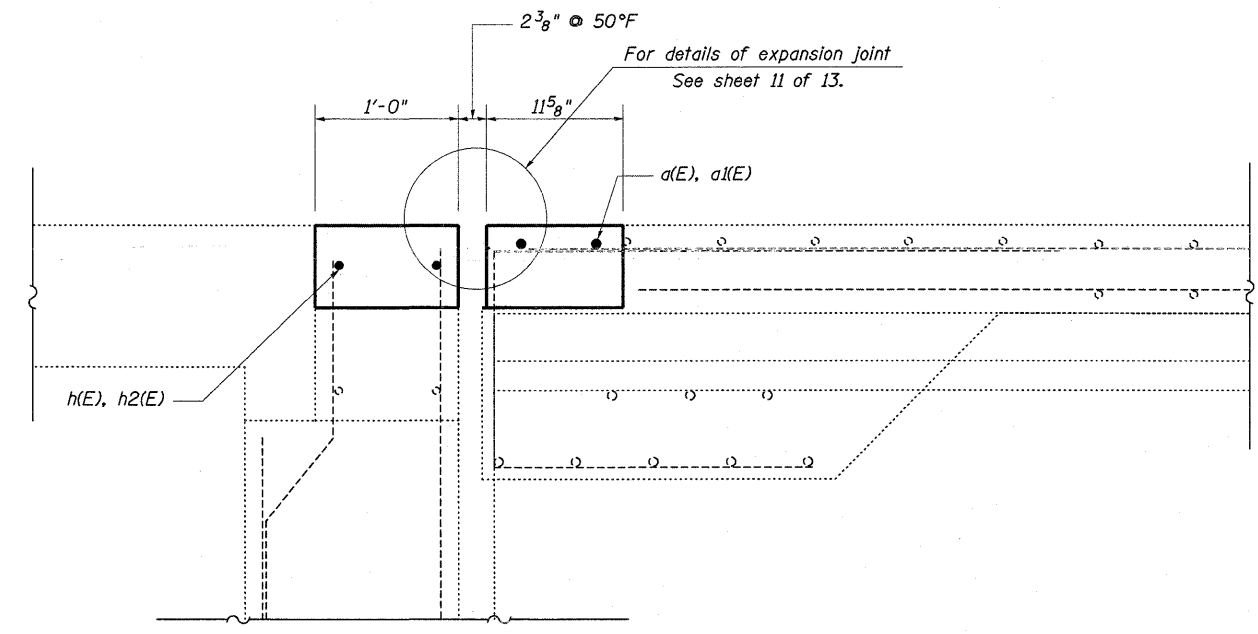


Note: The Contractor shall use extreme care during concrete removal so as not to damage the PPC I-beam. Any damage is to be repaired by the Contractor at his own expense.

- Existing Reinforcement
- Proposed Reinforcement



SECTION THRU SAFETY WALK



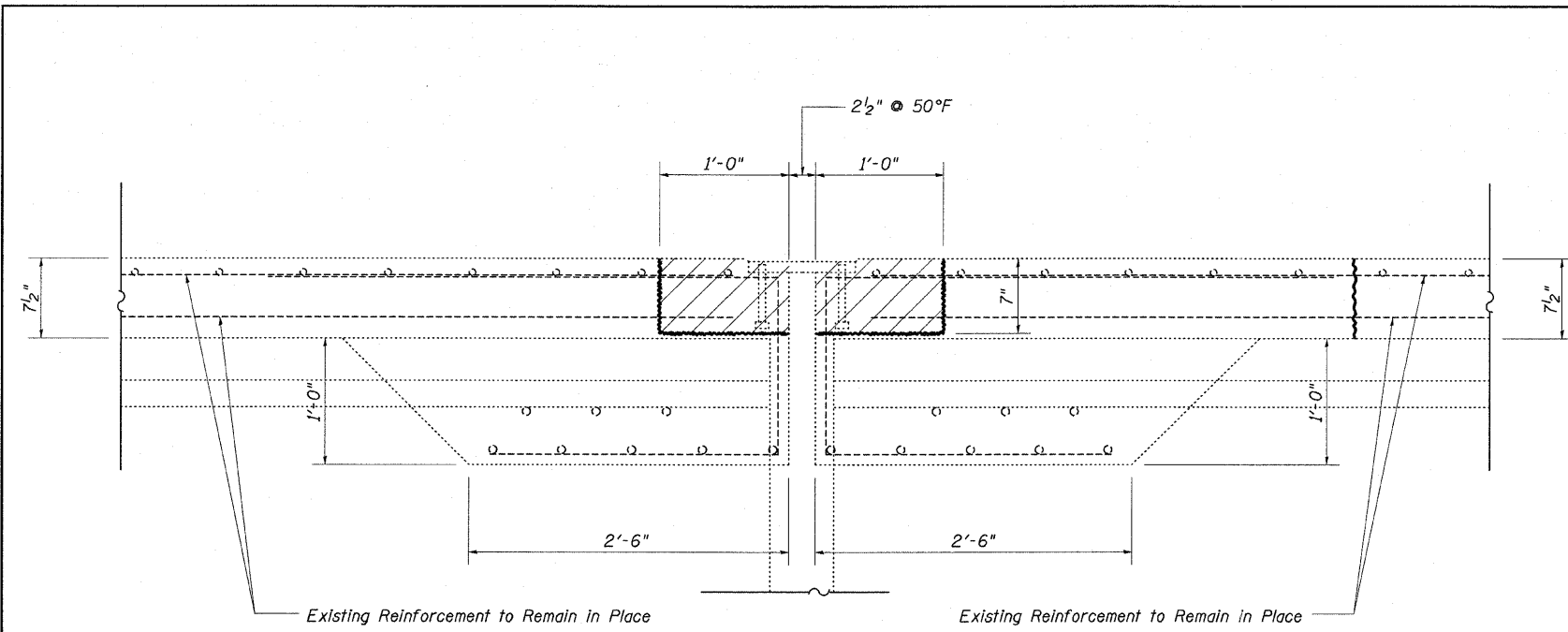
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXPANSION JOINT REPLACEMENT DETAILS		F.A.P. RTE. 716	SECTION	COUNTY Macon	TOTAL SHEETS 98	SHEET NO. 86
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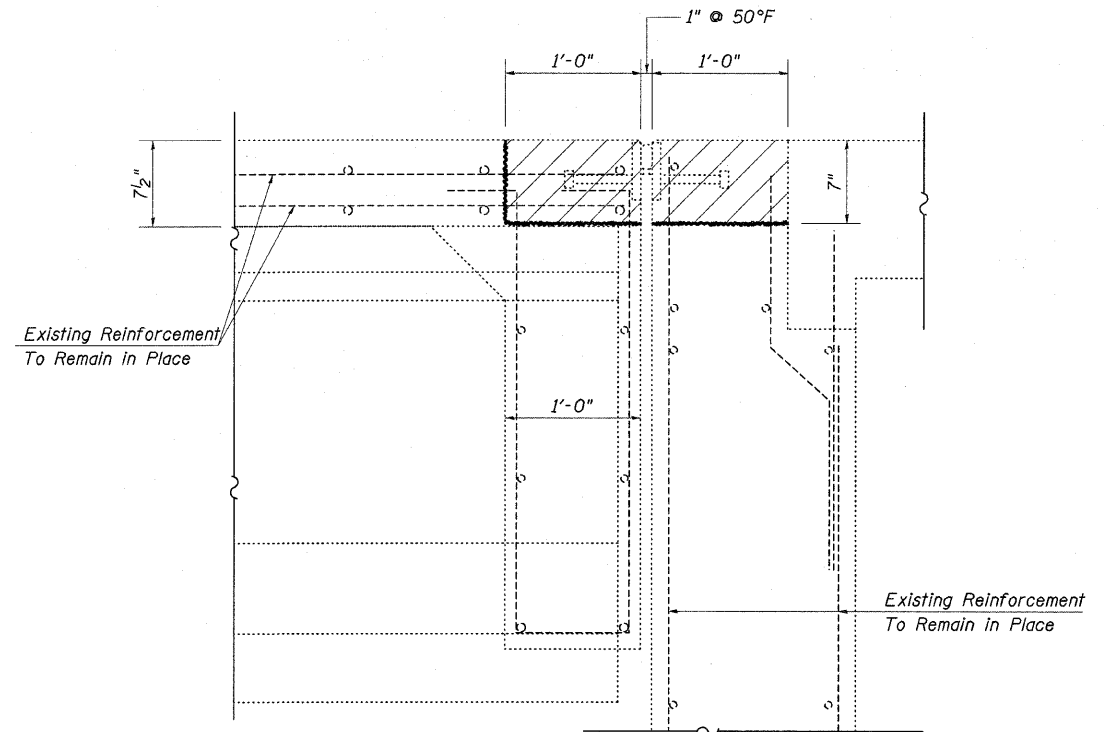
CONTRACT NO. 74500	ILLINOIS FED. AID PROJECT
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*127R,RS-2(130R-2,RS-1)

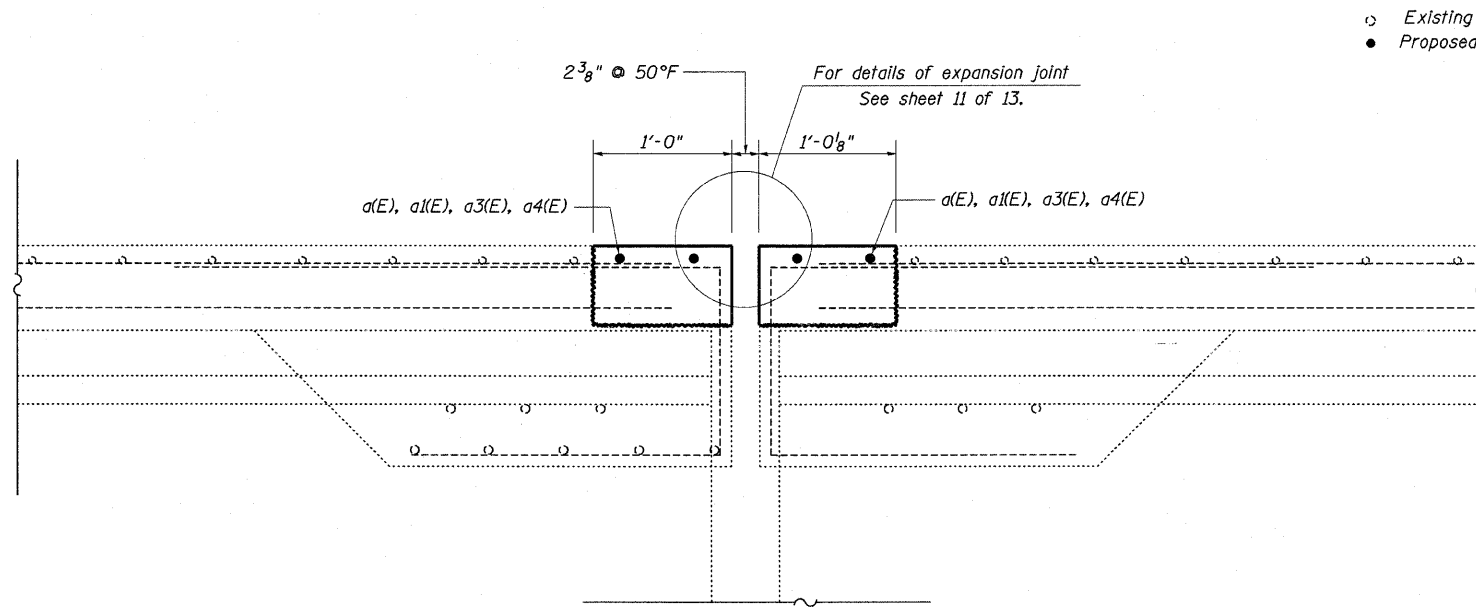


SECTION C-C
(Dimensions at Rt. L's to end of deck)

Note: The Contractor shall use extreme care during concrete removal so as not to damage the PPC I-beam. Any damage is to be repaired by the Contractor at his own expense.

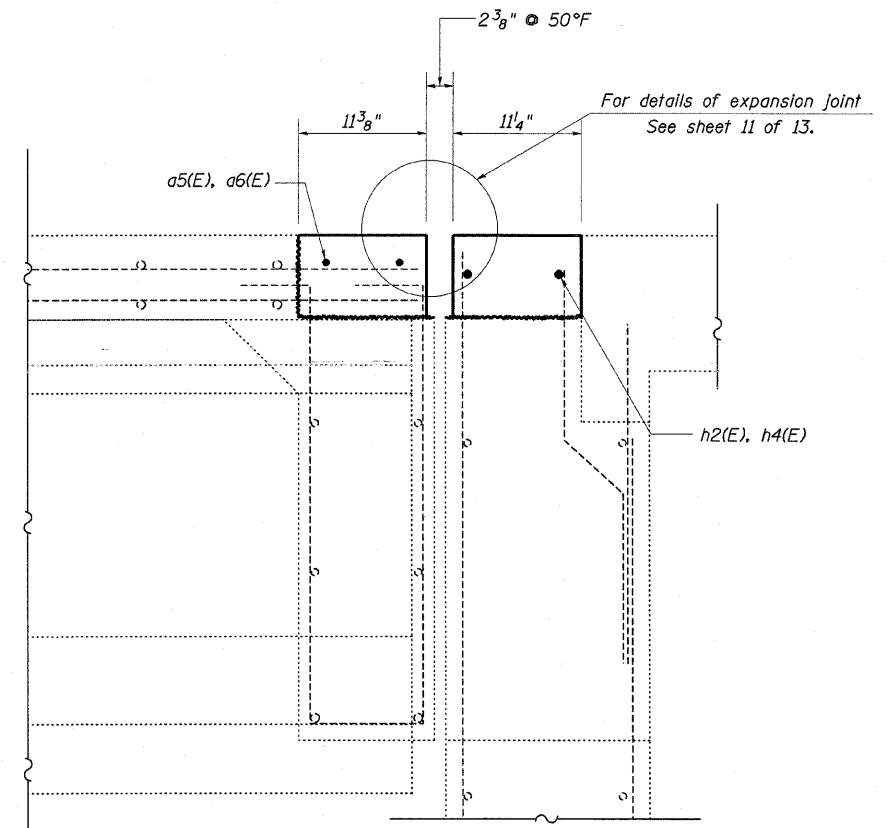


SECTION E-E
(Dimensions at Rt. L's to end of deck)



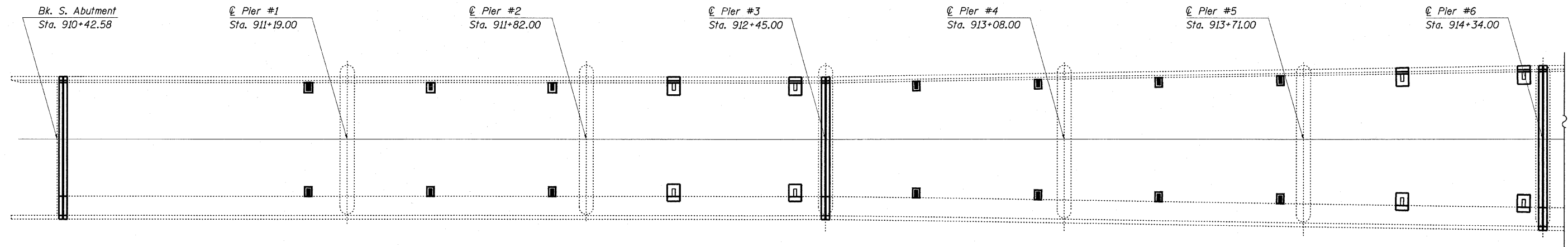
SECTION D-D
(Dimensions at Rt. L's to end of deck)

○ Existing Reinforcement
● Proposed Reinforcement

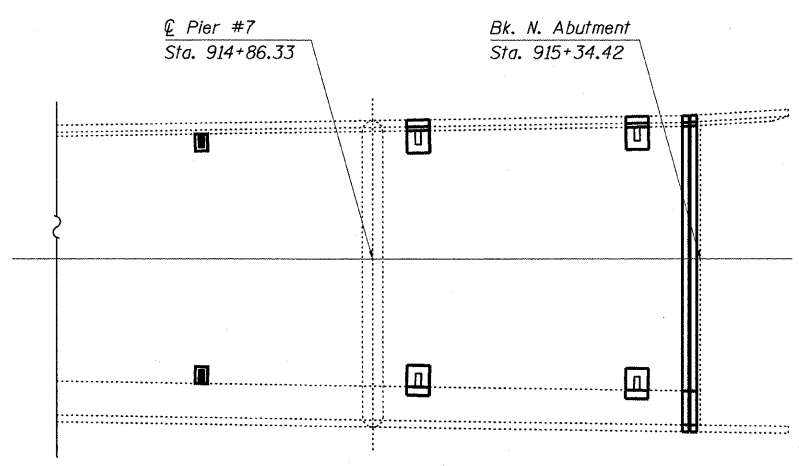


SECTION F-F
(Dimensions at Rt. L's to end of deck)

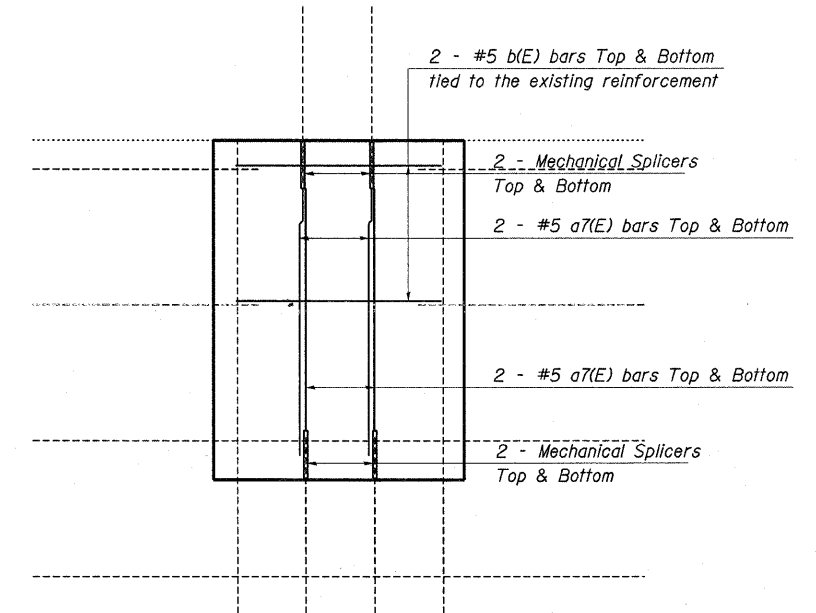
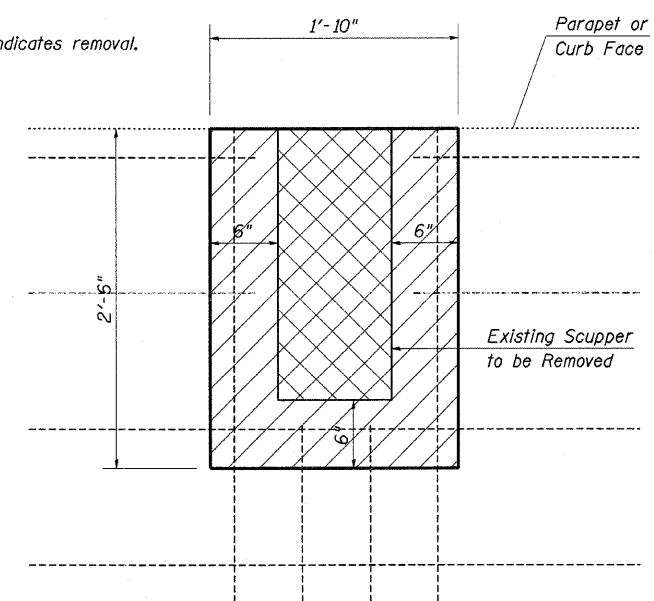
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PLOT DATE = 10/13/2011		DATE - 08/16/11	REVISED -									
							ILLINOIS FED. AID PROJECT					



- Existing Drainage Scupper to be Removed = 16.0 Ea.
- Existing Drainage Scupper to be Replaced = 12.0 Ea.
For details of Scupper Replacement see Sheet 10 of 14.



Hatching indicates removal.



BILL OF MATERIAL
PER SCUPPER REMOVAL LOCATION

BAR	TOTAL	SIZE	LENGTH	SHAPE
a7(E)	8	#5	2'-0"	—
b (E)	4	#5	1'-6"	—
REINF. BARS (EP. COATED)		POUND		30
CONCRETE REMOVAL		CU YD		0.11
CONC. SUPERSTRUCTURE		CU YD		0.11

**EXISTING PLAN
SCUPPER REMOVAL LOCATIONS**

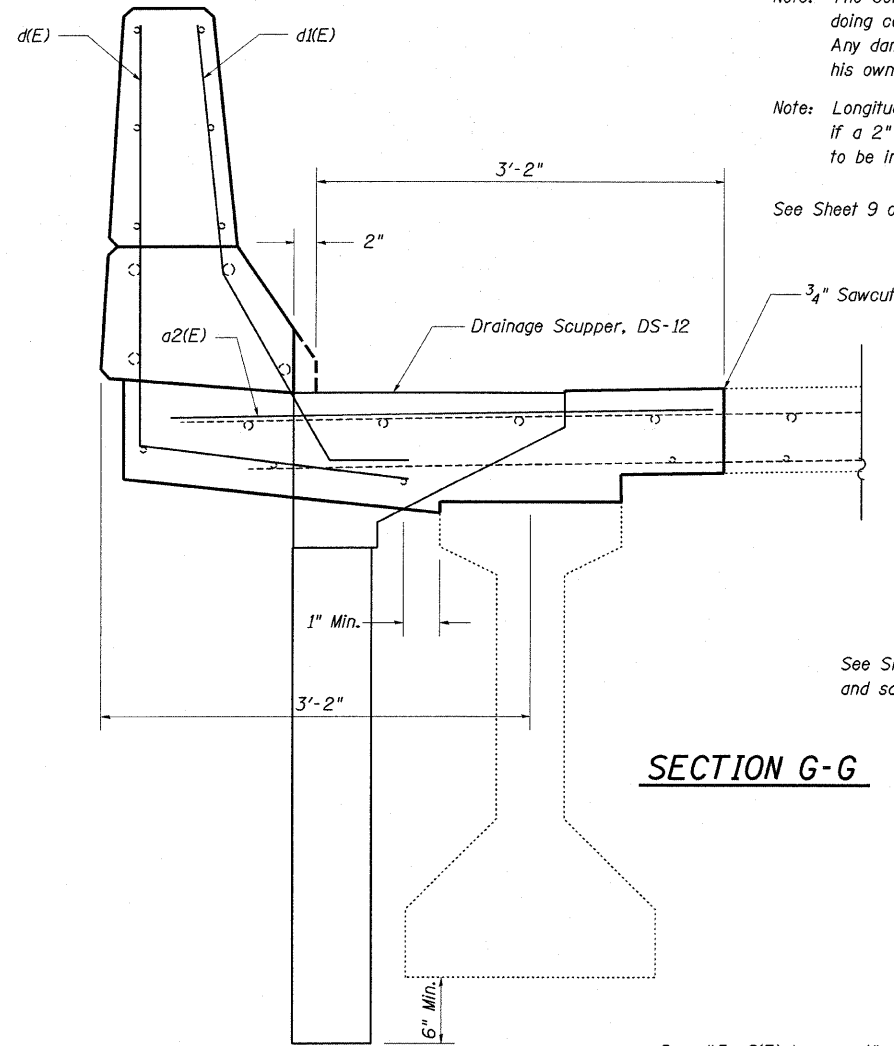
**PROPOSED PLAN
SCUPPER REMOVAL LOCATIONS**

Cost of removing existing scupper is included with CONCRETE REMOVAL.

Note: The Contractor shall exercise extreme care while doing concrete removal operations over the beams. Any damage is to be repaired by the Contractor his own expense.

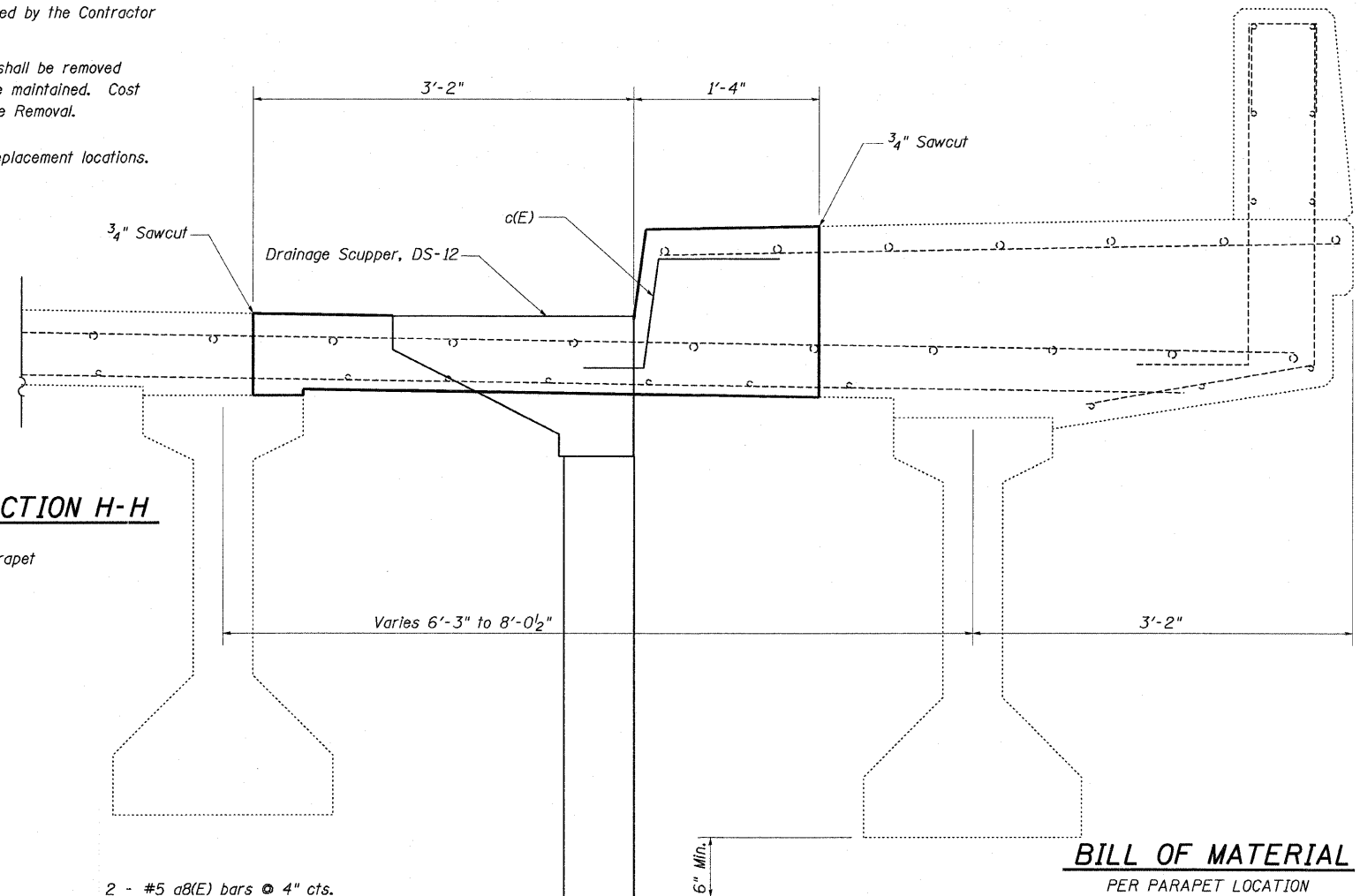
Note: Longitudinal reinforcement shall be removed if a 2" clearance cannot be maintained. Cost to be included with Concrete Removal.

See Sheet 9 of 13 for scupper replacement locations.



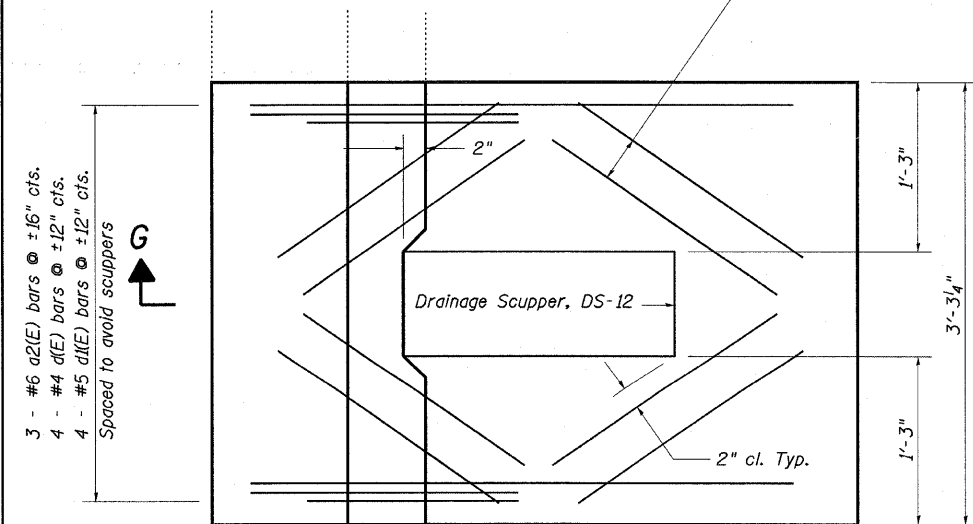
SECTION G-G

See Sheet 7 of 13 for parapet and safety walk details.

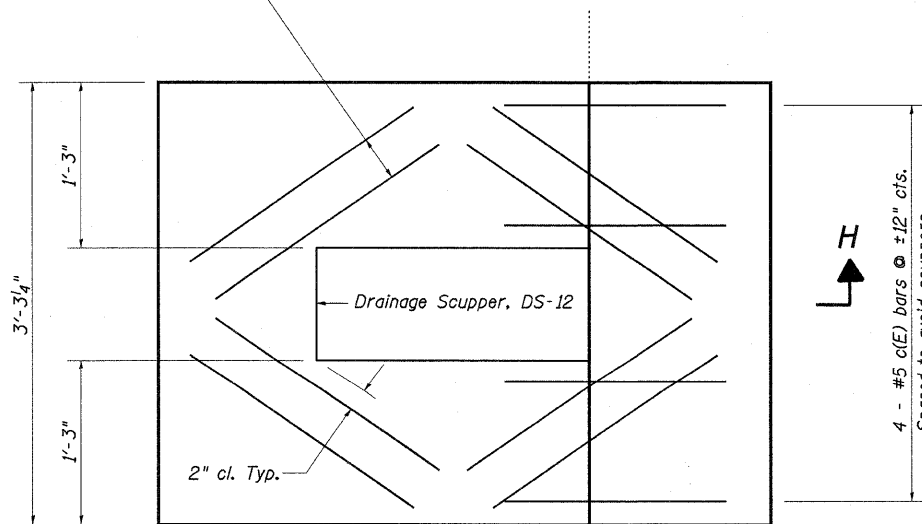


SECTION H-H

2 - #5 a8(E) bars @ 4" cts. tied to bottom of top reinforcement mat. (Typ.)



PLAN



PLAN

BILL OF MATERIAL

PER PARAPET LOCATION

BAR	TOTAL	SIZE	LENGTH	SHAPE
a2(E)	3	#6	4'-0"	—
a8(E)	8	#5	2'-0"	—
d(E)	4	#4	5'-1"	└
d(E)	4	#5	4'-0"	└
REINF. BARS (EP. COATED)			POUND	60
CONCRETE REMOVAL			CU YD	0.74
CONC. SUPERSTRUCTURE			CU YD	0.74

BILL OF MATERIAL

PER SAFETY WALK LOCATION

BAR	TOTAL	SIZE	LENGTH	SHAPE
a8(E)	8	#5	2'-0"	—
c(E)	4	#5	2'-5"	└
REINF. BARS (EP. COATED)			POUND	30
CONCRETE REMOVAL			CU YD	0.46
CONC. SUPERSTRUCTURE			CU YD	0.46

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DATE - 08/16/11

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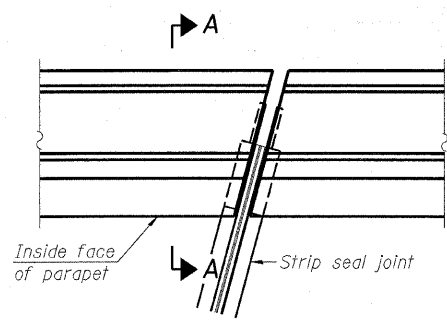
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCUPPER REPLACEMENT DETAILS
SN. 058-0037

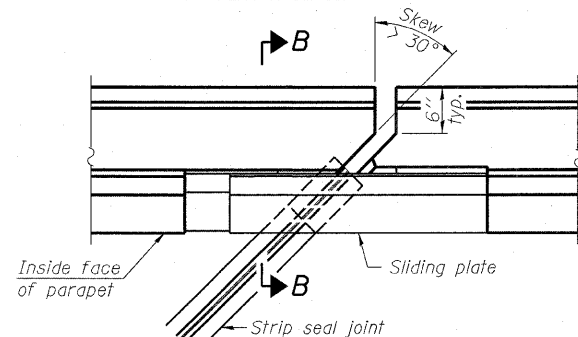
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 74500	

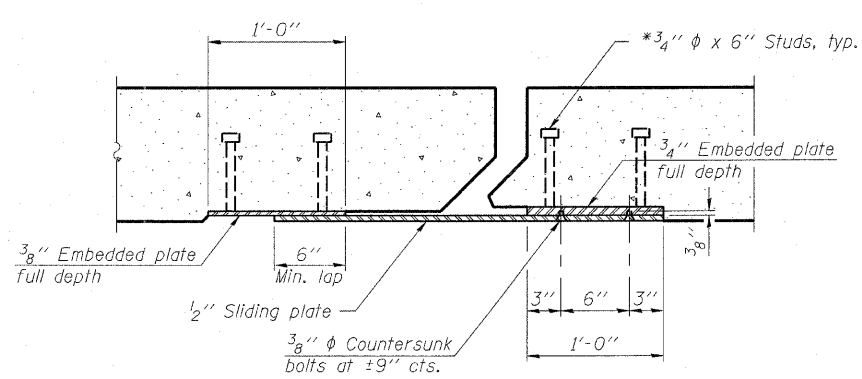
*(12TR,RS-2)(13OR-2,RS-1)



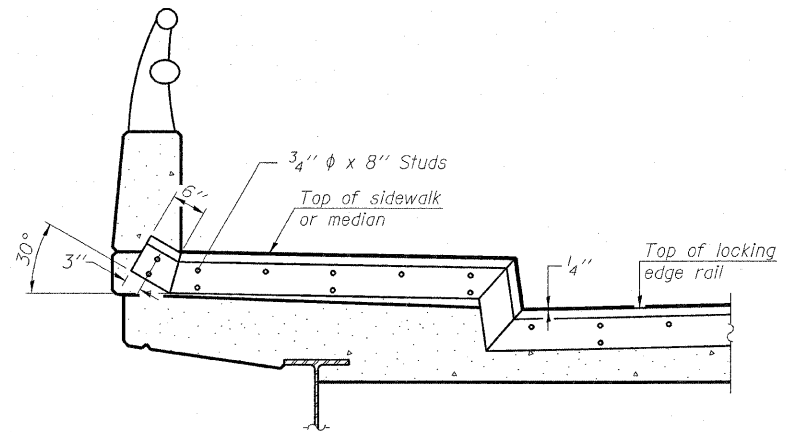
PLAN
(For skews $\leq 30^\circ$)



PLAN
(For skews $> 30^\circ$)
Showing point block

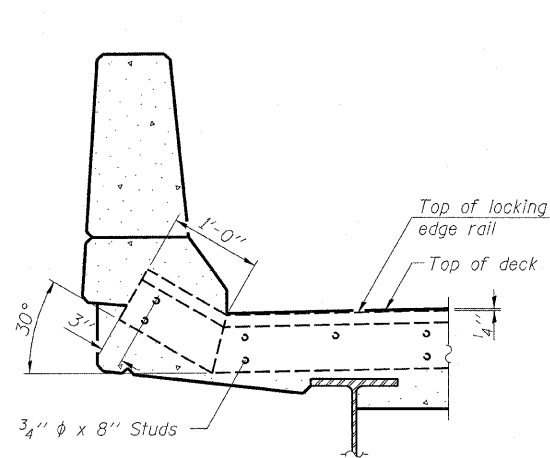


SECTION C-C

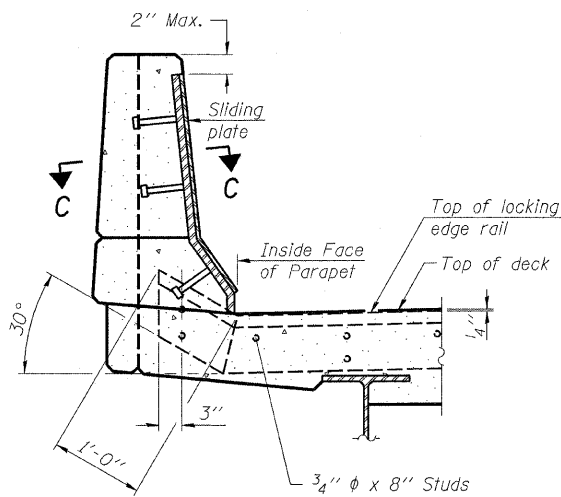


TYPICAL END TREATMENT AT SIDEWALK OR MEDIAN

Shorter plates with a single row of studs at 12" cts. may be necessary on medians which are shallower than 9". See manufacturer's recommendation.

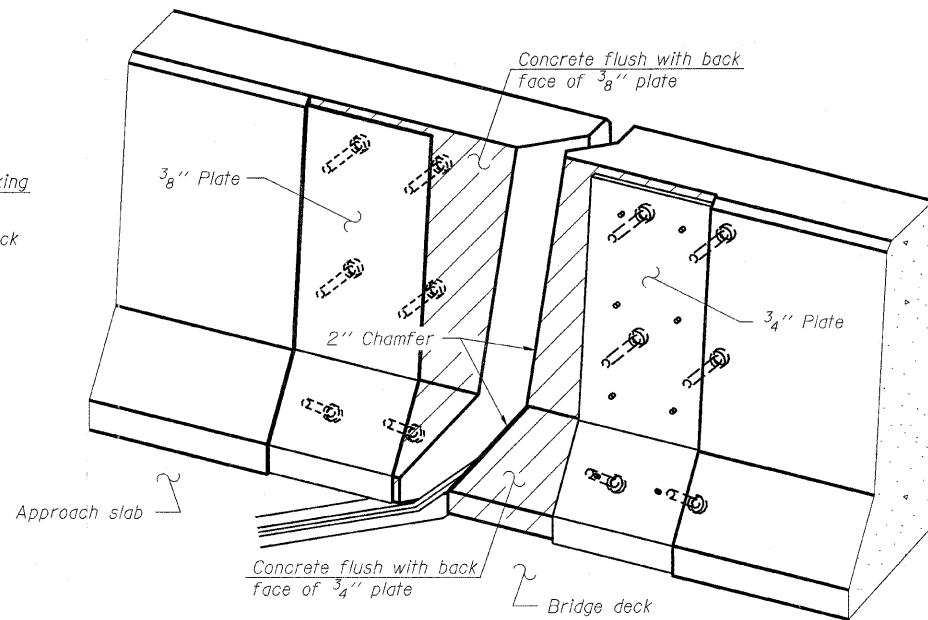


SECTION A-A



SECTION B-B

*Omit weld at seal opening.
**When joint is fixed, dimension is set at 1 1/2".



TRIMETRIC VIEW
(Showing back plates only)

Notes:
The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

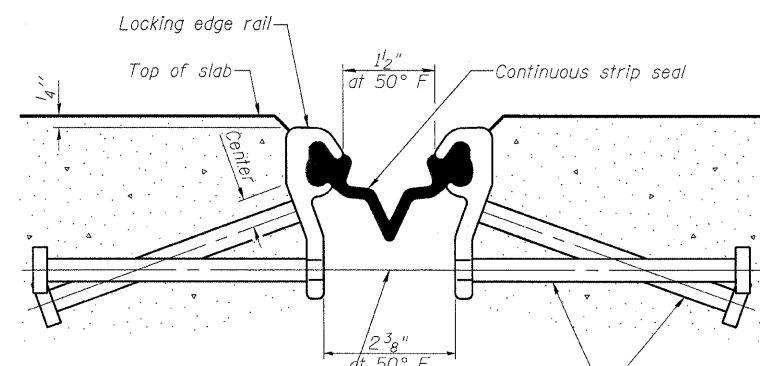
The Locking Edge Rails depicted are conceptual only, except for the minimum dimensions shown. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed. Locking Edge Rails may be spliced at slope discontinuities.

The manufacturer's recommended installation methods shall be followed.

The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according to the dimensions detailed on this sheet. Required modifications shall be made at no additional cost to the State.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications. Maximum space between rail segments at stage lines shall be 3/16", sealed with a suitable sealant.

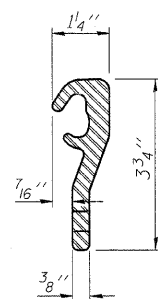
Parapet plates and anchorage studs for skews $> 30^\circ$ included in the cost of Preformed Joint Strip Seal.



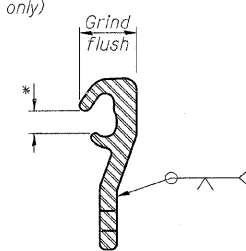
SECTION THRU STRIP SEAL JOINT FOR OVERLAY OVER DECK BEAMS

7/16" phi holes at 4'-0" cts. for 3/8" phi bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

Place 1/2" phi x 6" granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded at 1'-0" alt. cts.



LOCKING EDGE RAIL



LOCKING EDGE RAIL SPLICE

Notes:
The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails.

The height and thickness of the Locking Edge Rails shown are minimum dimensions. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed.

The inside of the Locking Edge Rail groove shall be free of weld residuo. Locking Edge Rails may be spliced at slope discontinuities and stage construction joints.

The manufacturer's recommended installation methods shall be followed.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	167.0

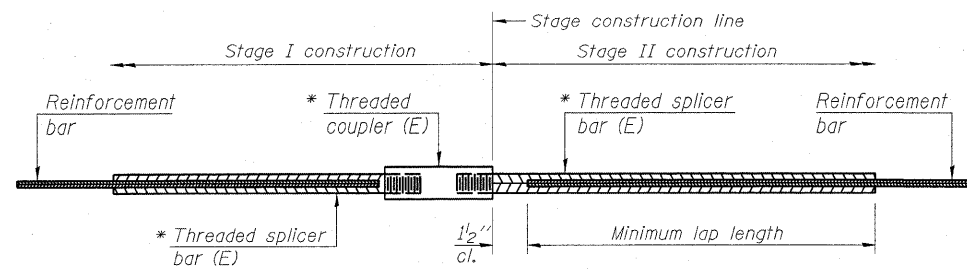
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ct:\pw_work\pw\dot\swartzw\10212489\0774500-ent-brd\table-0580037.dgn		DRAWN - KLB	REVISED -
PLOT SCALE = 20.0000 / 1 in.		CHECKED - MEA	REVISED -
PLOT DATE = 10/13/2011		DATE - 08/16/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PREFORMED JOINT STRIP SEAL
STRUCTURE NO. 058-0037**

SCALE: NA SHEET NO. 11 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	.	Macon	98	90
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74500	



STANDARD BAR SPLICER ASSEMBLY

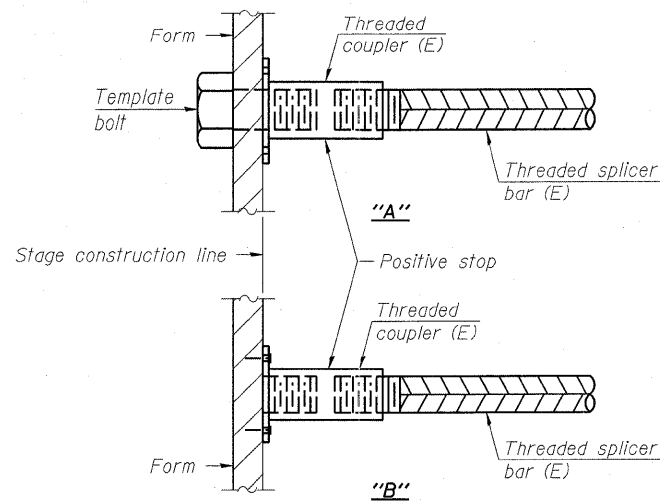
Bar size to be spliced	Minimum Lap Lengths				
	Table 1	Table 2	Table 3	Table 4	Table 5
3, 4	1'-5"	1'-11"	2'-1"	2'-4"	2'-3"
5	1'-9"	2'-5"	2'-7"	2'-11"	2'-10"
6	2'-1"	2'-11"	3'-1"	3'-6"	3'-4"
7	2'-9"	3'-10"	4'-2"	4'-8"	4'-6"
8	3'-8"	5'-1"	5'-5"	6'-2"	5'-10"
9	4'-7"	6'-5"	6'-10"	7'-9"	7'-5"

- Table 1: Black bar, 0.8 Class C
- Table 2: Black bar, Top bar lap, 0.8 Class C
- Table 3: Epoxy bar, 0.8 Class C
- Table 4: Epoxy bar, Top bar lap, 0.8 Class C
- Table 5: Epoxy bar, Top bar lap, Class B

Threaded splicer bar length = min. lap length + 1/2" + thread length

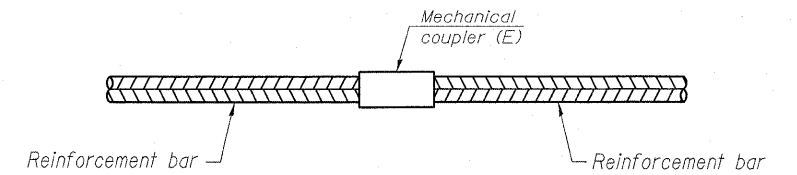
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Table for minimum lap length
South Abutment	#6	2	Table 3
South Abutment	#7	2	Table 3
Pier #3	#7	4	Table 3
Pier #6	#7	4	Table 3
North Abutment	#6	2	Table 3
North Abutment	#7	2	Table 3



INSTALLATION AND SETTING METHODS

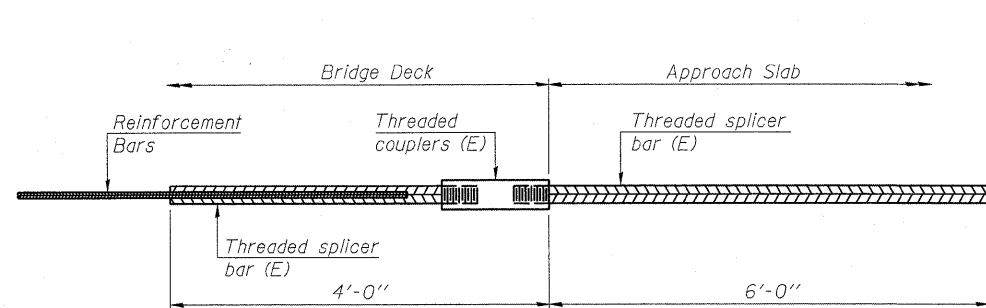
"A": Set bar splicer assembly by means of a template bolt.
 "B": Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E): Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

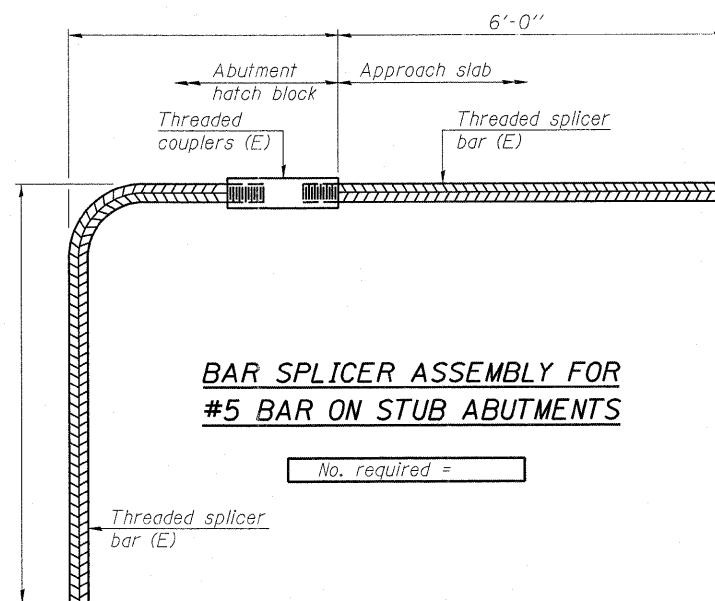
Location	Bar size	No. assemblies required
** Scupper Removal	#5	8

** Per each scupper removal location. For locations refer to Sheet 9 of 13.



BAR SPLICER ASSEMBLY FOR #5 BAR ON INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

No. required =



BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required =

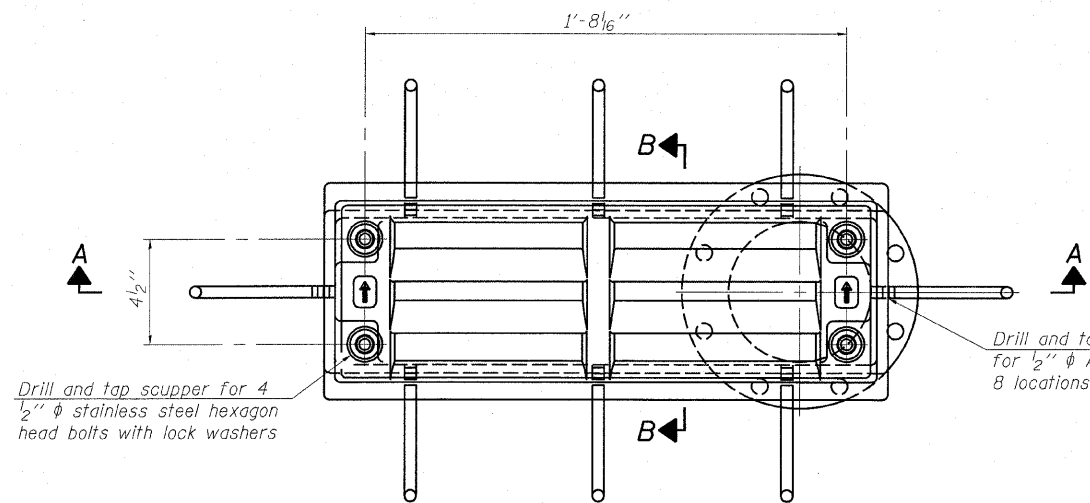
NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See special provision for Mechanical Splicers.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

7-1-10

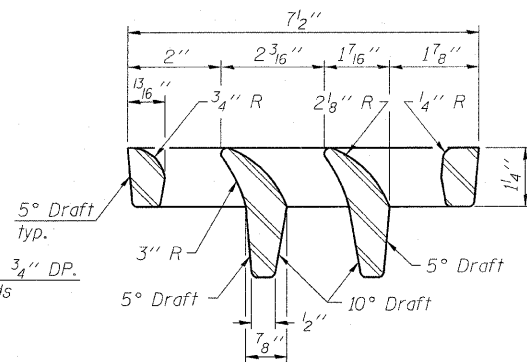
FILE NAME =	USER NAME = swartzw	DESIGNED - KLB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS STRUCTURE NO. 058-0037			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwwork\pwwork\swartzw\d0212489\077	500-shr-brd-detais-0580037.dgn	DRAWN - KLB	REVISED -					716	*	Macon	98	91
PLOT SCALE = 20.0000' / in.	CHECKED - MEA	REVISOR -	REVISOR -		CONTRACT NO. 74500							
PLOT DATE = 10/13/2011	DATE - 08/16/11	REVISOR -	REVISOR -		ILLINOIS FED. AID PROJECT							



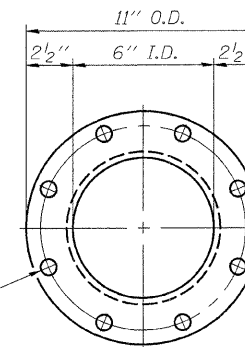
Drill and tap scupper for 4 1/2" ϕ stainless steel hexagon head bolts with lock washers

Drill and tap 1/2"-13 x 3/4" DP. for 1/2" ϕ Anchor Studs 8 locations

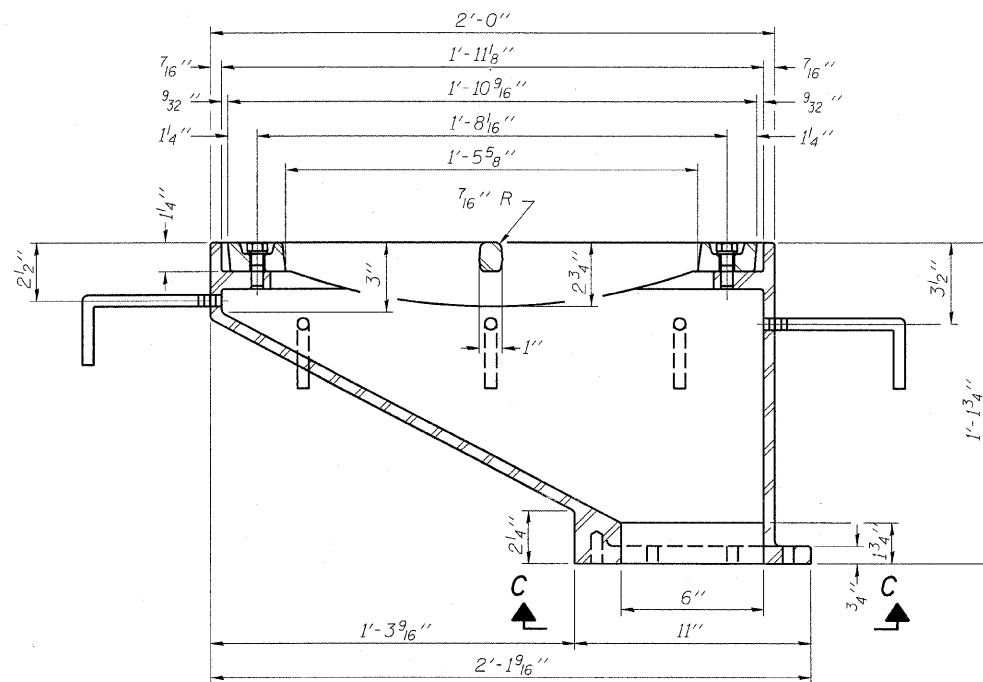
PLAN



VANE GRATE DETAIL

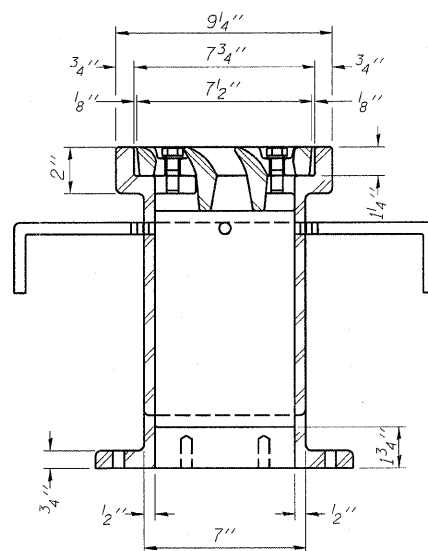


8-9/16" ϕ holes on an 9 1/2" ϕ bolt circle

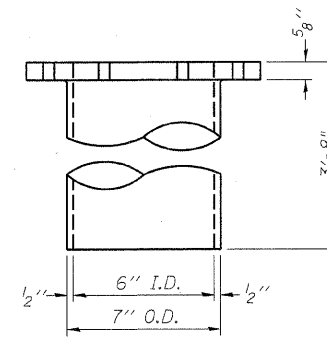


SECTION A-A

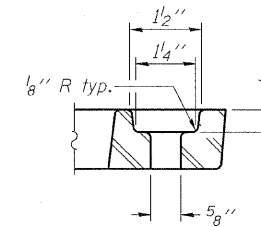
See sheet of for scupper location relative to parapet.



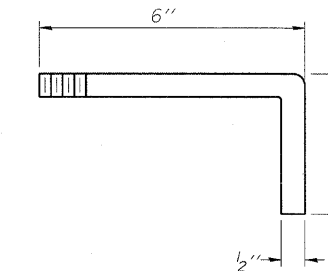
SECTION B-B



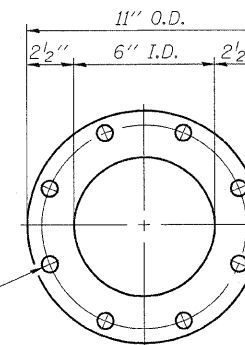
DOWNSPOUT



BOLT HOLE DETAIL



ANCHOR STUD DETAIL



VIEW C-C

Drill and tap 8 holes for 1/2"-13 bolts on a 9 1/2" ϕ bolt circle. (2 blind holes are 1/4" deep, 6 thru holes)

Notes:

All cast iron parts shall be gray iron conforming to the requirements of AASHTO M 105, Class 35B.
 Bolts, anchor studs, washers and nuts shall conform to the requirements of ASTM A 307 and shall be galvanized according to AASHTO M 232.
 Downspouts located on the exterior side of a painted steel fascia beam shall be painted with the finish coat specified for the exterior side of the fascia beam.
 As an alternate, bolts, anchor studs, washers and nuts may be stainless steel according to Article 1006.29(d) of the Standard Specifications.

Structural steel weldments of equal sections and of the same configuration may be substituted for the cast iron scupper frame. Fillet or full penetration welds shall be used for the weldments. Details shall be submitted to the Engineer for approval. Structural steel weldments shall not be substituted for the cast iron scupper grate. Structural steel frames and downspouts shall be galvanized according to AASHTO M111.
 The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper.
 Cost of the Grate, Frame, Downspout, Anchor Studs, Bolts, Washers and Nuts including complete installation of the scupper shall be paid for at the contract unit price each for Drainage Scupper, DS-12.

Alternate fiberglass downspout conforming to ASTM D 2996 with a short-time rupture strength hoop tensile stress of 30,000 psi min. may be used in lieu of the cast iron or steel equivalent.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Drainage Scupper, DS-12	Each	12

DS-12

7-1-10

FILE NAME =	USER NAME = swartzrw	DESIGNED - KLB	REVISED -
c:\pwwork\pwwork\swartzrw\d0212489\0774500-sh-t-b-detai1s-0580037.dgn		DRAWN - KLB	REVISED -
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PLOT DATE = 10/13/2011		DATE - 08/16/11	REVISED -

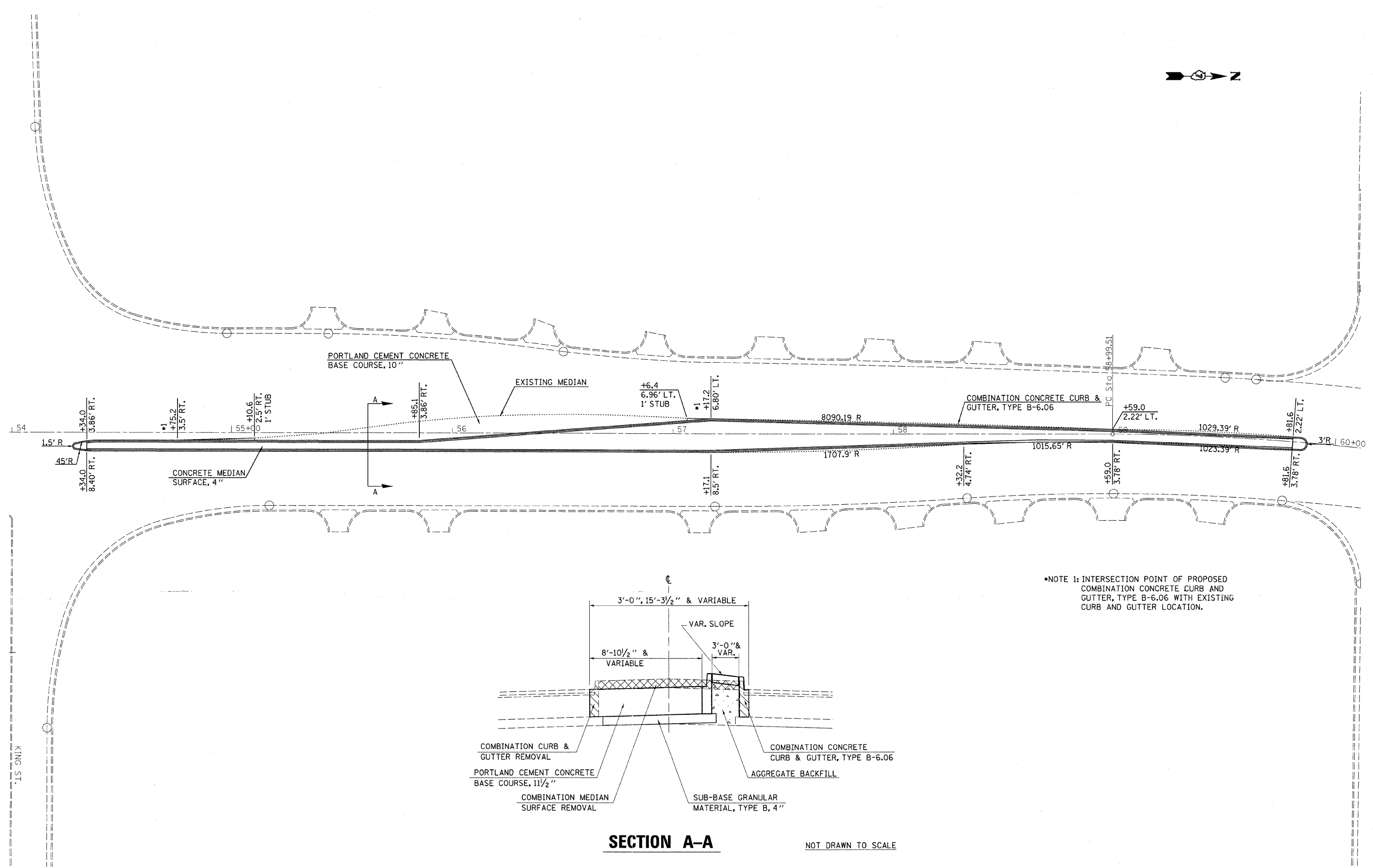
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE SCUPPER, DS-12
 STRUCTURE NO. 058-0037

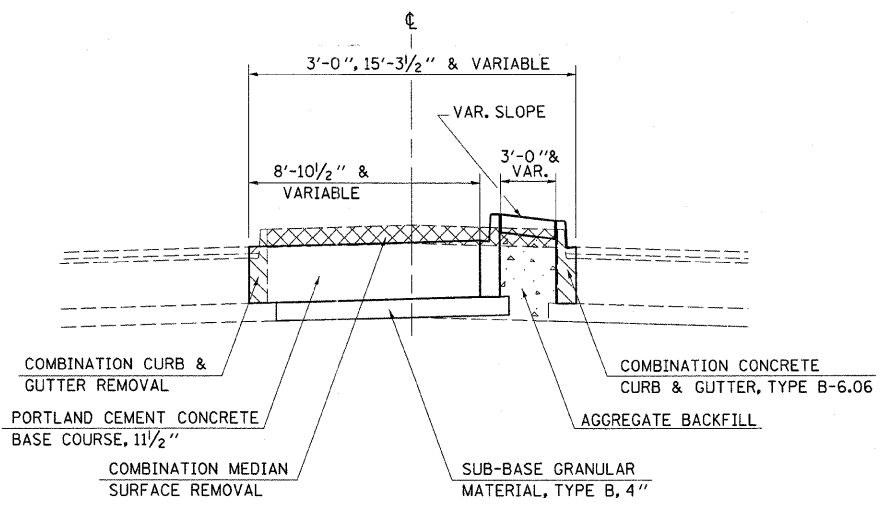
SCALE: NA SHEET NO. 13 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	.	Macon	98	92
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74500	

*(127R,RS-2)(130R-2,RS-1)



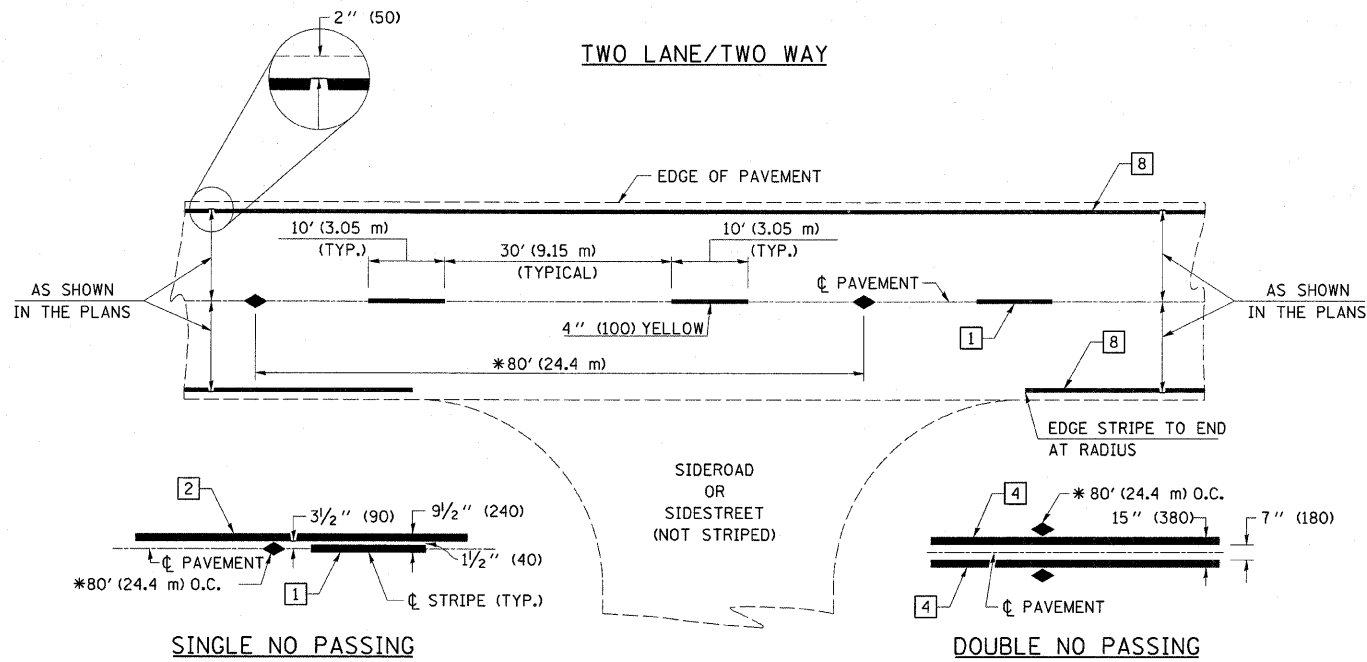
*NOTE 1: INTERSECTION POINT OF PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06 WITH EXISTING CURB AND GUTTER LOCATION.



SECTION A-A

NOT DRAWN TO SCALE

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MEDIAN DETAIL		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 28.0000' / in.	CHECKED -	REVISED -	SCALE: 20		SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 74500				
PLOT DATE = 10/13/2011	DATE -	REVISED -						ILLINOIS FED. AID PROJECT			



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

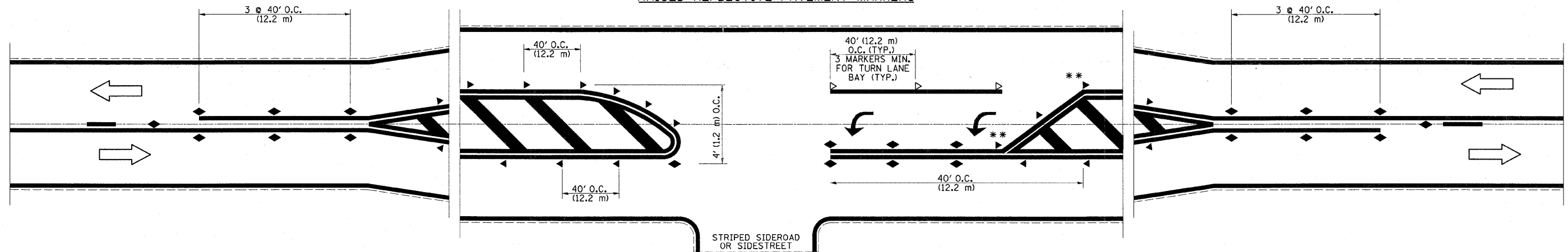
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
 - 2 4" (100) SOLID (YELLOW)
 - 3 12" (300) DIAGONAL (YELLOW)
 - 4 4" (100) DOUBLE YELLOW (NARROW)
 - 5 RESERVED
 - 6 RESERVED
 - 7 6" (150) SKIP-DASH (WHITE)
 - 8 4" (100) SOLID (WHITE)
 - 9 12" (300) DIAGONAL (WHITE)
 - 10 6" (150) SOLID (WHITE)
 - 11 24" (600) STOP BAR (WHITE)
 - 12 8" (200) SOLID (WHITE)
 - 13 4" (100) PARKING WHITE
-

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RAISED REFLECTIVE PAVEMENT MARKERS

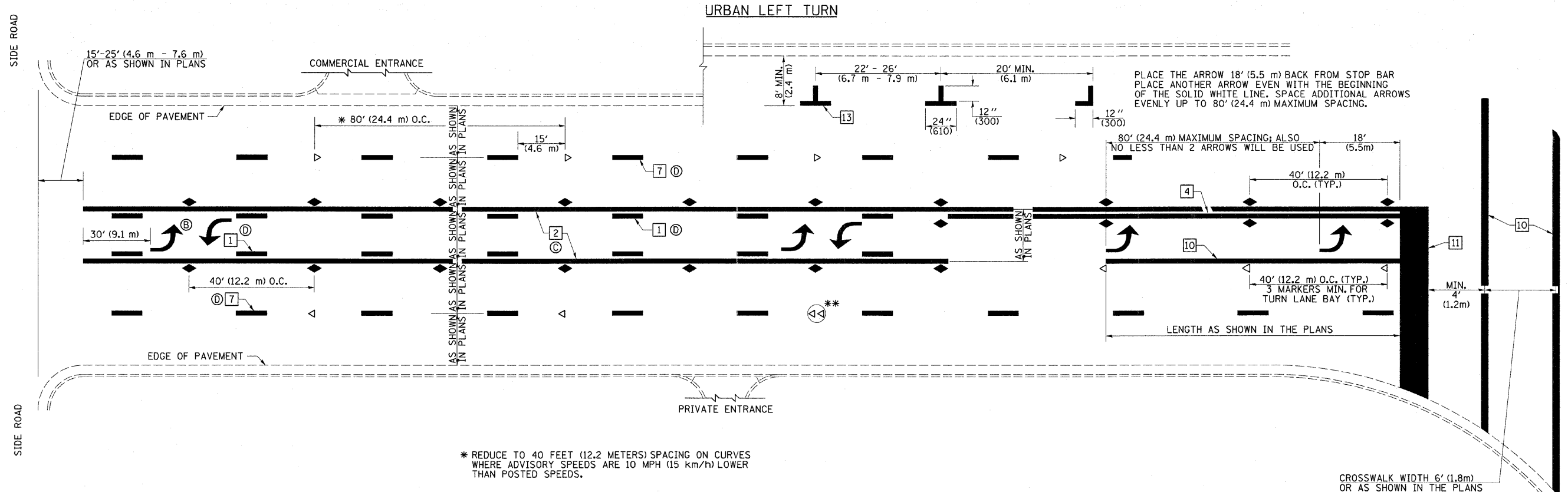


** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 78000001

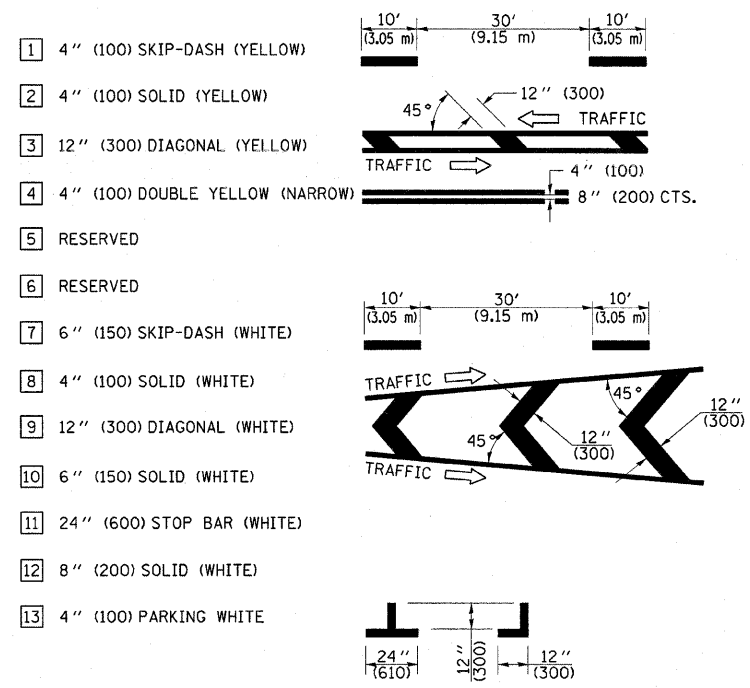
FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr\pw_work\pwsdot\swartzrw\d0212489\d77	520-shr-details.dgn	DRAWN -	REVISED -					716	(127R,RS-2)(130R-2,RS-1)	MACON	98	94
	PLOT SCALE = 50,0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 74500				
	PLOT DATE = 10/13/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
								SCALE: NA	SHEET NO. 1 OF 4 SHEETS	STA. TO STA.		



* REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

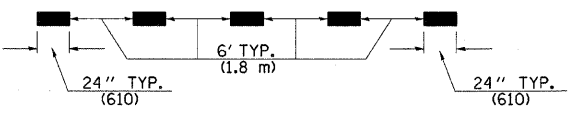
PAVEMENT MARKING LEGEND



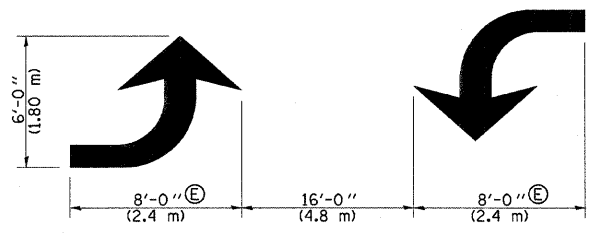
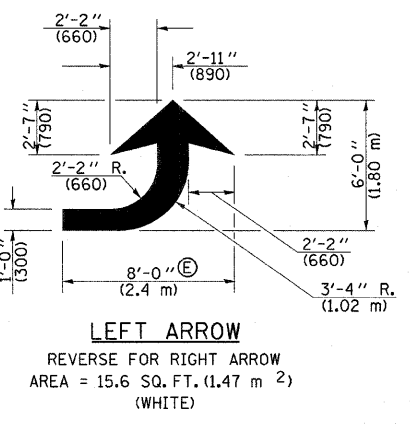
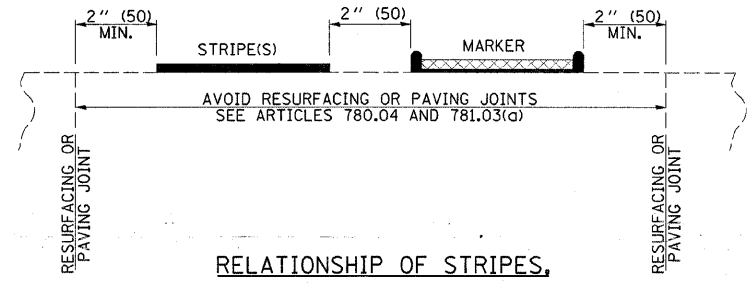
GENERAL NOTES

1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
3. THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.

LANE LINE EXTENSIONS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

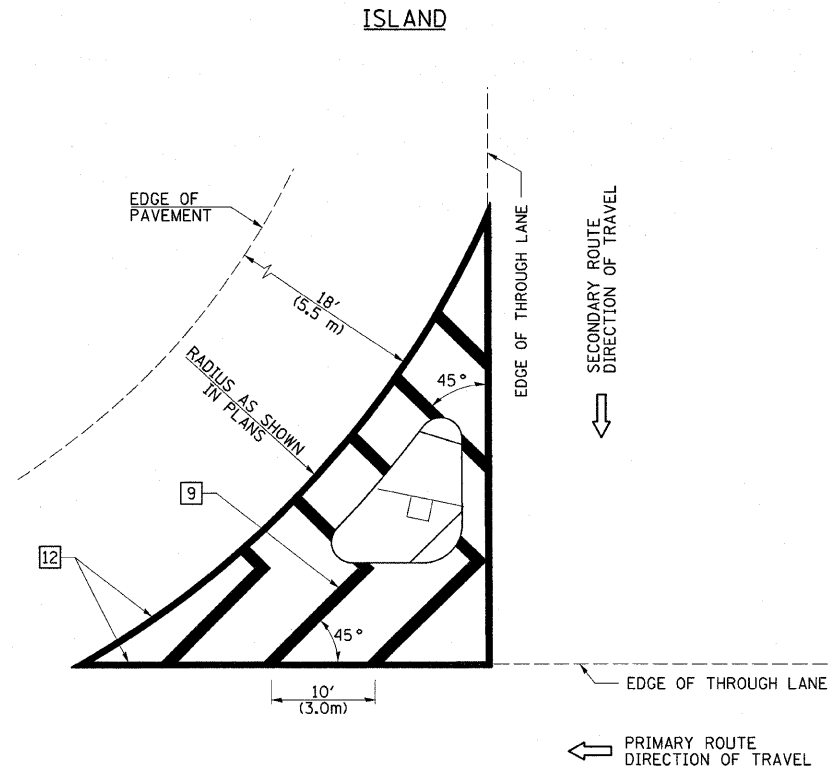


TYPICAL DOUBLE TURN ARROWS (WHITE)

NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\swartzw\d02124891.dwg	500-shr-details.dgn	DRAWN -	REVISED -			716	(127R,RS-2)(130R-2,RS-1)	MACON	98	95	
PLOT SCALE = 50.0000 / 1"		CHECKED -	REVISED -			CONTRACT NO. 74500					
PLOT DATE = 10/13/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: NA	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.		

DISTRICT 7 DETAIL NO. 7800001



GENERAL NOTES

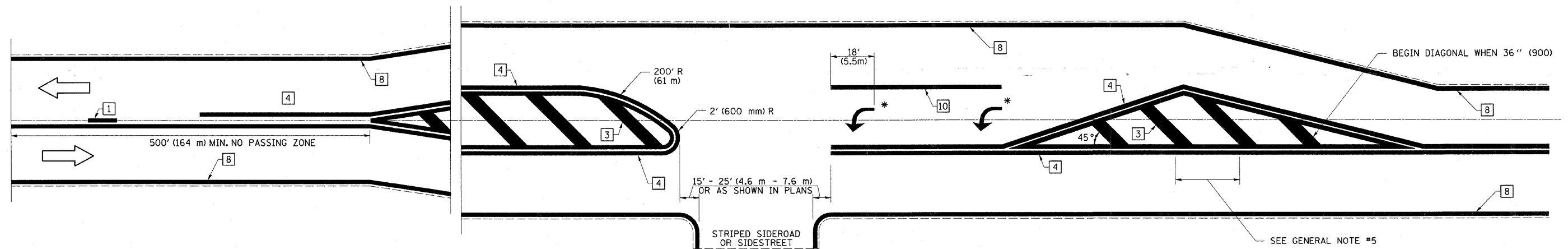
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:

< 30 MPH (<50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
>45 MPH (>75 km/h)	30' (9.0 m)

PAVEMENT MARKING LEGEND

- | | |
|-------------------------------------|--|
| [1] 4" (100) SKIP-DASH (YELLOW) | |
| [2] 4" (100) SOLID (YELLOW) | |
| [3] 12" (300) DIAGONAL (YELLOW) | |
| [4] 4" (100) DOUBLE YELLOW (NARROW) | |
| [5] RESERVED | |
| [6] RESERVED | |
| [7] 6" (150) SKIP-DASH (WHITE) | |
| [8] 4" (100) SOLID (WHITE) | |
| [9] 12" (300) DIAGONAL (WHITE) | |
| [10] 6" (150) SOLID (WHITE) | |
| [11] 24" (600) STOP BAR (WHITE) | |
| [12] 8" (200) SOLID (WHITE) | |
| [13] 4" (100) PARKING WHITE | |

RURAL LEFT TURN STRIPING



* PLACE AN ARROW 18' (5.5 m) BACK FROM STOP BAR. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

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

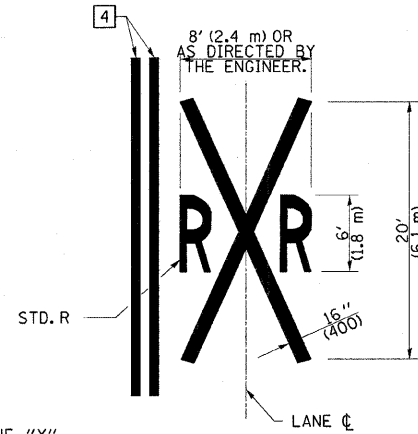
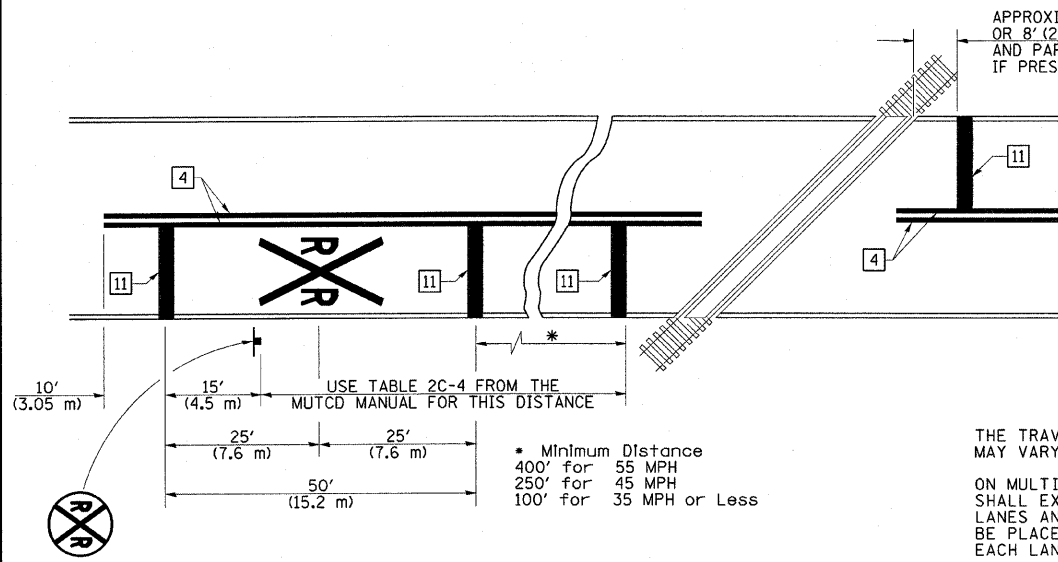
**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	96
CONTRACT NO. 74500			ILLINOIS FED. AID PROJECT	

SCALE: NA SHEET NO. 3 OF 4 SHEETS STA. TO STA.

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

PAVEMENT MARKING LEGEND



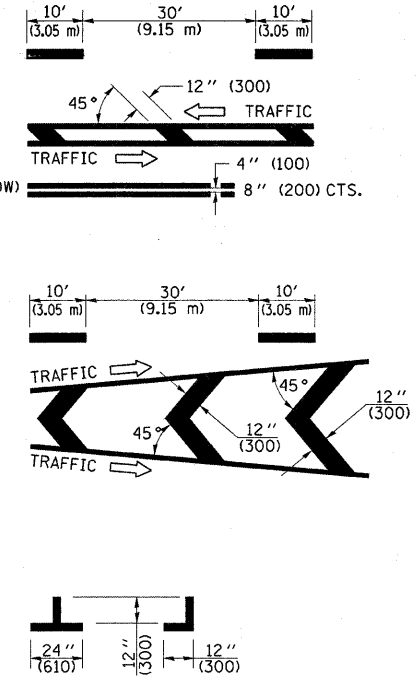
NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

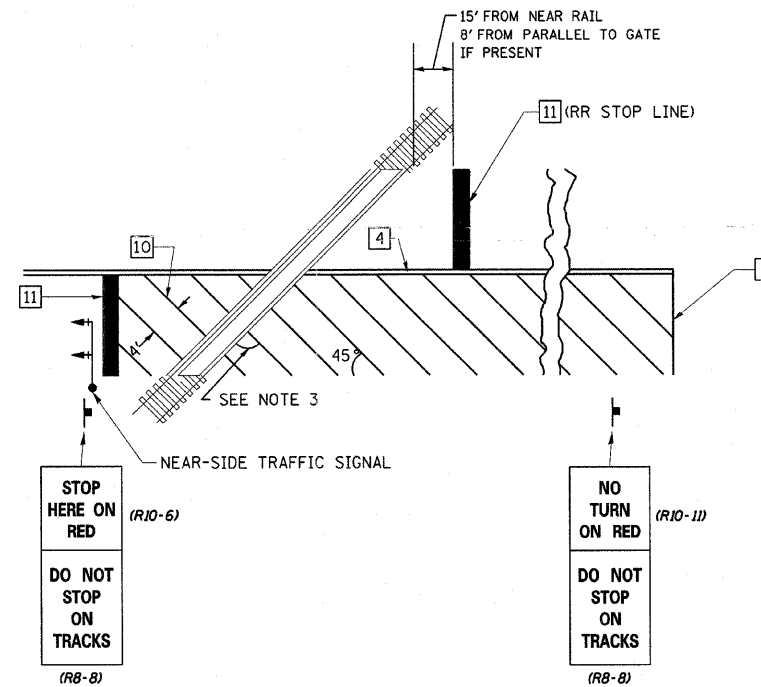
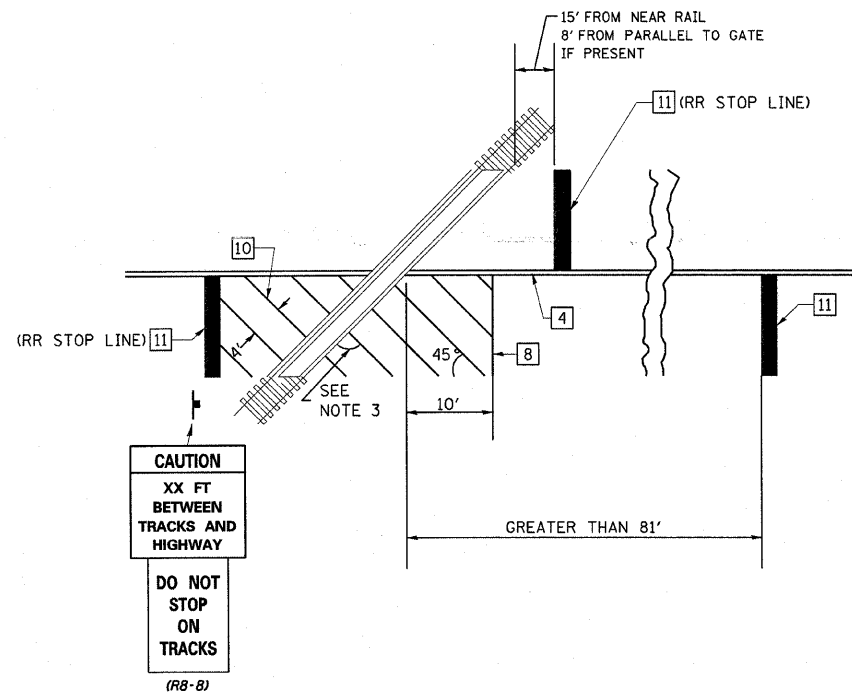
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE



RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
3. WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

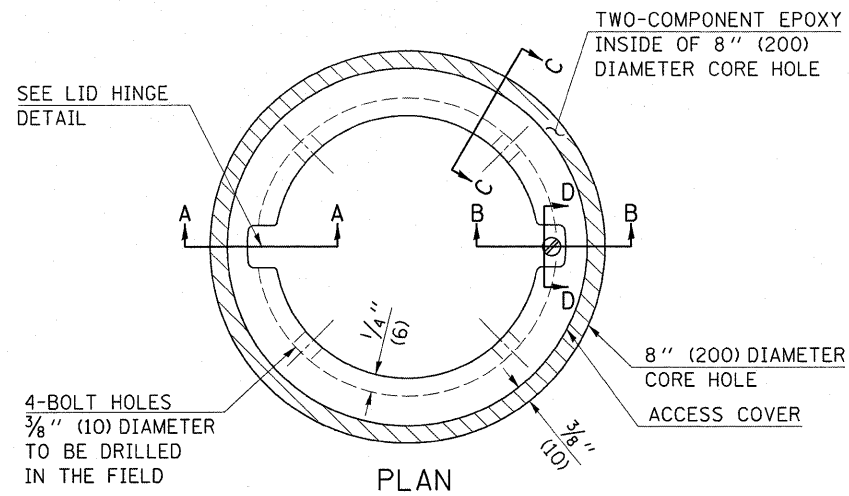
NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

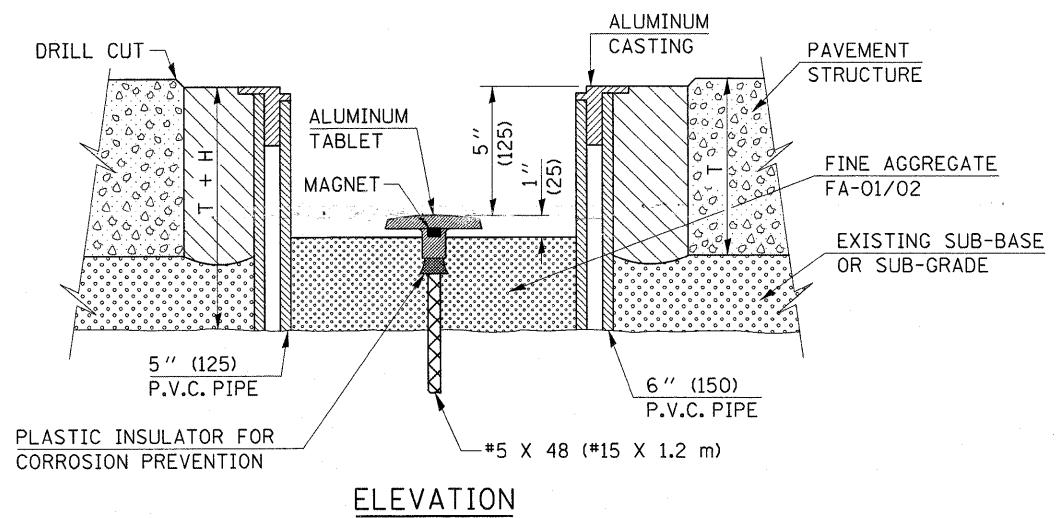
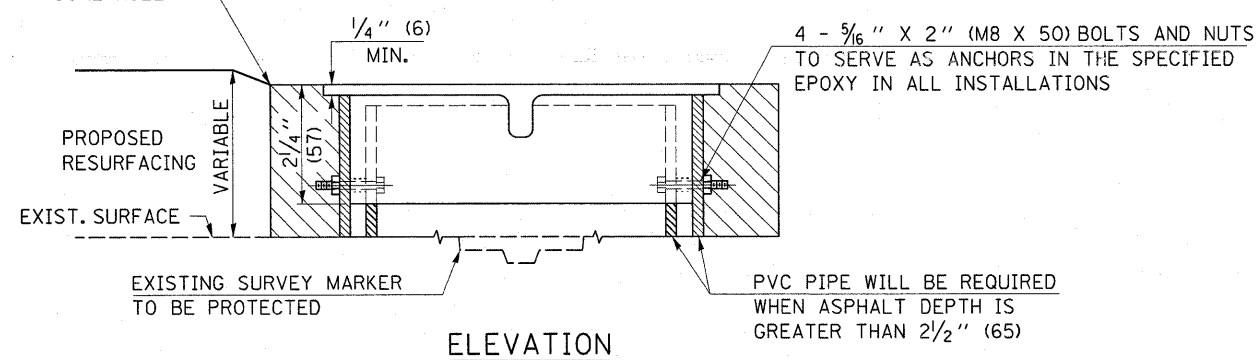
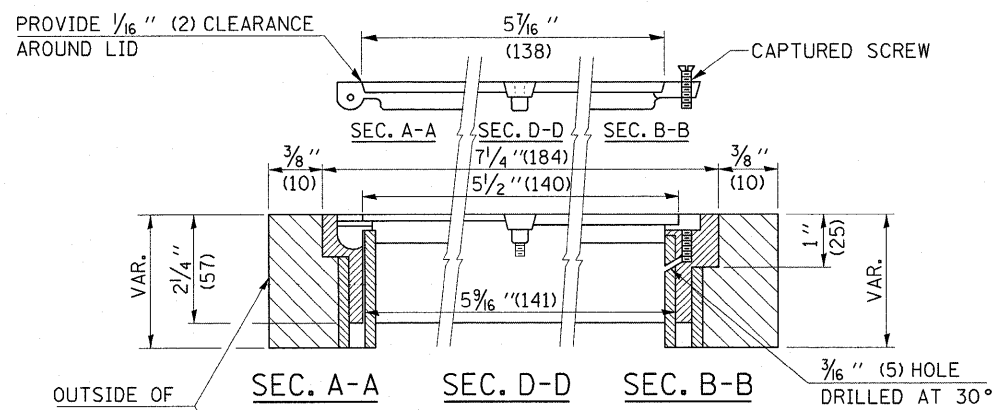
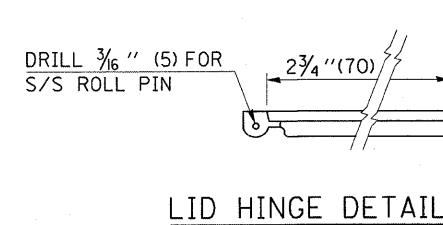
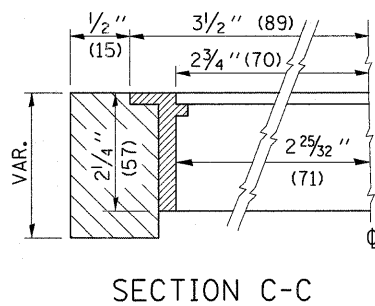
FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pw\work\pwwdot\swartzw\d0212489\d774	500-sh-t-details.dgn	DRAWN -	REVISED -			716	(127R,RS-2)(130R-2,RS-1)	MACON	98	97	
	PLOT SCALE = 50.0000' / 1" =	CHECKED -	REVISED -			CONTRACT NO. 74500					
	PLOT DATE = 10/13/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: NA SHEET NO. 4 OF 4 SHEETS STA. TO STA.



- LEGEND**
- ALUMINUM CASTING
 - 5" (125) OR 6" (150) P.V.C. PIPE
 - TWO-COMPONENT EPOXY
- T = THICKNESS OF PAVEMENT STRUCTURE
- H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)

BILL OF MATERIAL	
ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 4 EACH - 3/16" X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).	



EXISTING SURVEY MARKER

PROPOSED SURVEY MARKER

NOT TO SCALE
 Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. Z0070202

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED - MAD 6-11
ct:\pw\work\pwidot\swartzrw\d212489\d77	500-sht-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2011	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SURVEY MARKER VAULT

SCALE: NA	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(127R,RS-2)(130R-2,RS-1)	MACON	98	98
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 74500	