

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(12R)RS-1	EFFINGHAM	54	1
		ILLINOIS	CONTRACT NO. 74430	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

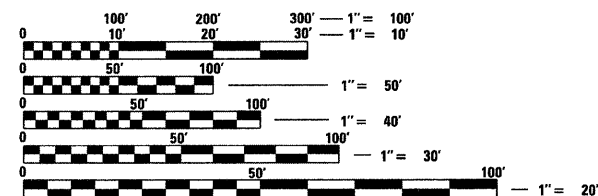
F.A.P. ROUTE 328 (U.S. RTE. 45)
SECTION (12R)RS-1

RESURFACING
EFFINGHAM COUNTY
C-97-028-10

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATION EQUATION:
82 + 65.95 (BK) = 93 + 00.00 (AH)

ADT 2009 = 12,000

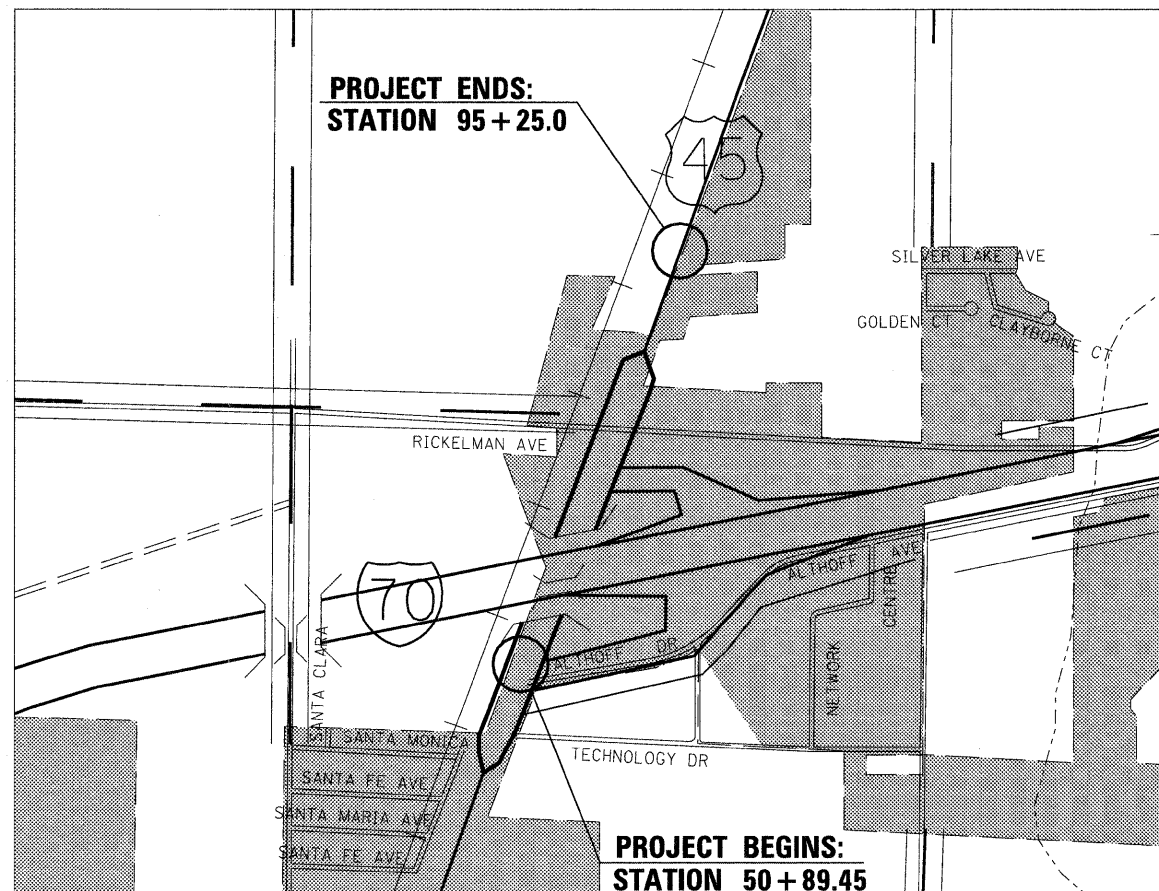


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

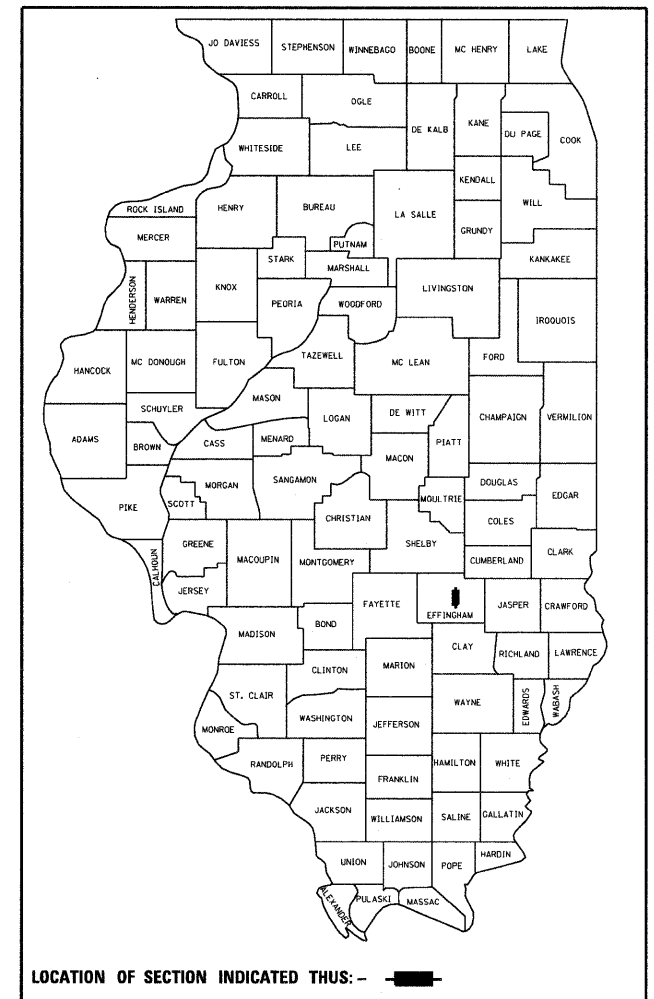
PROJECT ENGINEER: TOM RONAN
PROJECT MANAGER: JEFF DAVISON

CONTRACT NO. 74430



GROSS LENGTH = 3,401.5 FT. = 0.6 MILE
NET LENGTH = 3,401.5 FT. = 0.6 MILE

D-97-010-10



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 11 20 09

Roger L. Dinkell
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Scott E. Smith PE, Inc.
ENGINEER OF DESIGN AND ENVIRONMENT

January 09 20 10
Christine M. Peckler
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

INDEX OF SHEETS

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54	BUTT JOINT DETAILS

STANDARDS IN THE PLANS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
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701206-02	LANE CLOSURE, 2L, 2W, NIGHT ONLY
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKINGS

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" INDICATED ON THE CHECK SHEET, AND "THE SPECIAL PROVISIONS" INCLUDED IN THE PROPOSAL.

THE WORK INCLUDED IN THIS SECTION CONSISTS OF REHABILITATING APPROXIMATELY 0.6 MILES OF FAP 1652 (US 45) BY MILLING, PATCHING, RESURFACING, AND ANY OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

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), LEVELING BINDER AND HOT MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND PAINT SHALL BE USED ON MILLED SURFACES AND LEVELING BINDER.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LETTERS AND SYMBOLS CONSISTS OF 239 SQUARE FEET OF WHITE.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LINE 4" CONSISTS OF 7,208 FEET OF YELLOW AND 6,035 FEET OF WHITE.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LINE 6" CONSISTS OF 676 FEET OF WHITE.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LINE 8" CONSISTS OF 413 FEET OF WHITE.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LINE 12" CONSISTS OF 123 FEET OF YELLOW AND 550 FEET OF WHITE

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LINE 24" CONSISTS OF 127 FEET OF WHITE.

THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 64 BI-DIRECTIONAL AMBER AND 21 MONO-DIRECTIONAL CRYSTAL.

THE ACTUAL LOCATIONS OF PAVEMENT PATCHING SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

ALL ELEVATIONS SHOWN IN PLANS ARE BASED ON U.S.G.S. DATUM.

THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKINGS OF FACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 800-892-0123.

THE PAVEMENT SHALL BE CLEANED IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS PRIOR TO THE PLACING OF THE BITUMINOUS OVERLAYS. AREAS TO BE PREPARED SHALL BE DETERMINED BY THE ENGINEER AND WILL INCLUDE:

1. BROKEN OR DELAMINATED CONCRETE
2. PATCHES OF TAR OR COLD MIX
3. EXISTING UNSTABLE PATCHES
4. DETERIORATED AREAS BEYOND EXISTING PATCHES
5. CENTERLINE JOINT

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESS TO THE BITUMINOUS PLANT QUALITY CONTROL LAB SO THAT BITUMINOUS PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICES FOR OTHER ITEMS IN THE CONTRACT.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE BITUMINOUS SURFACE COURSE.

BITUMINOUS MATERIALS (PRIME COAT) SHALL BE EITHER RC-70 OR SS-1HP.

AGGREGATE FOR AGGREGATE SHOULDERS ON PRIMARY ROUTES SHALL BE CRUSHED STONE, CRUSHED CONCRETE.

COST OF REMOVAL OF TEMPORARY RAMP SHALL BE INCLUDED IN THE UNIT PRICE FOR TEMPORARY RAMP.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

APPLICATION	AC/PG	DESIGN AIR Voids	MIXTURE COMPOSITION	FRICTION AGGREGATE
SURFACE COURSE (1 1/2") HOT MIX ASPHALT SURFACE COURSE, MIX "D", N105 (1 1/2")	SBS PG 76-22	4% ϕ NDESIGN = 105	IL-9.5	MIXURE D
LEVELING BINDER (1" & 3/4") LEVELING BINDER (MACHINE METHOD) N105	SBS PG 76-22	4% ϕ NDESIGN = 105	IL-9.5	NA

RUBBER TIRED ROLLERS SHALL NOT BE USED ON THIS PROJECT.

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND GENERAL NOTES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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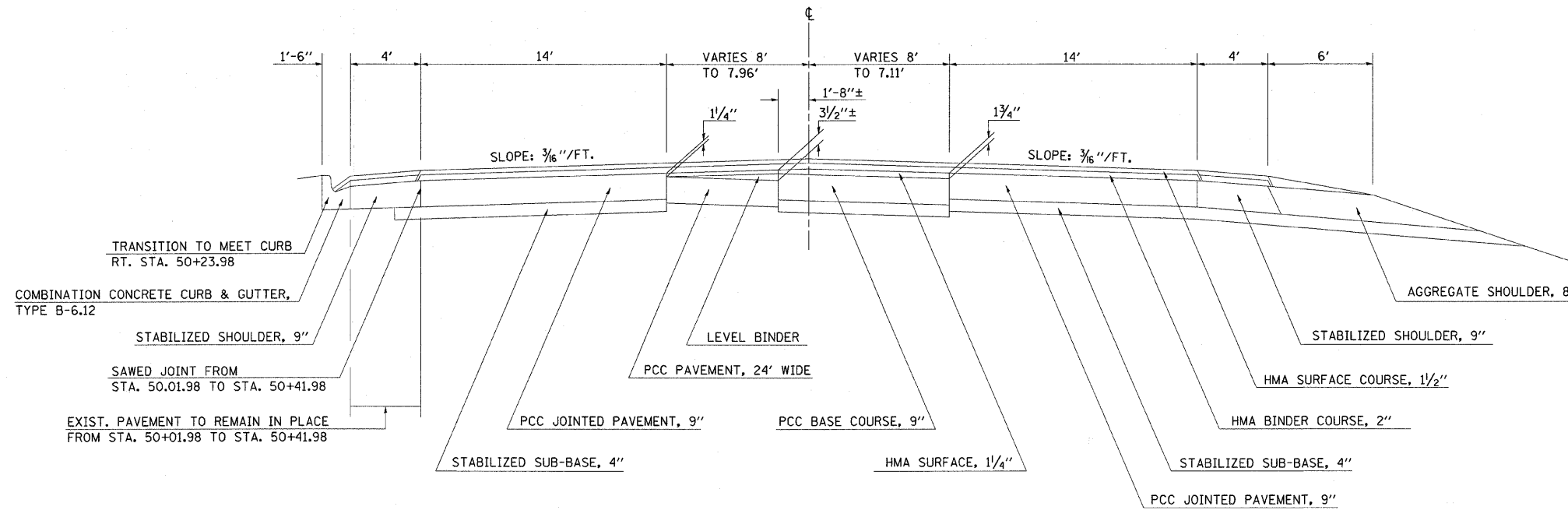
SUMMARY OF QUANTITIES			100% STATE	CONSTRUCTION TYPE CODE
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	URBAN 1000
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1696	1696
40600300	AGGREGATE (PRIME COAT)	TON	34	34
40600855	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105	TON	870	870
40600895	CONSTRUCTING TEST STRIP	EACH	1	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1101	1101
40600990	TEMPORARY RAMP	SQ YD	260	260
40603550	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N105	TON	1424	1424
44000086	HOT-MIX ASPHALT SURFACE REMOVAL COMPLETE	SQ YD	10302	10302
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	5668	5668
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	413	413
44200998	CLASS B PATCHES, TYPE III, 12 INCH	SQ YD	44	44
44213100	PAVEMENT FABRIC	SQ YD	44	44
44213200	SAW CUTS	FOOT	3075	3075
48101200	AGGREGATE SHOULDERS, TYPE B	TON	71	71
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1
63200310	GUARDRAIL REMOVAL	FOOT	25	25
67100100	MOBILIZATION	L SUM	1	1
70100455	TRAFFIC CONTROL AND PROTECTION, STANDARD 701206	L SUM	1	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	6805	6805
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	239.2	239.2

SUMMARY OF QUANTITIES (Cont'd)			100% STATE	CONSTRUCTION TYPE CODE
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	URBAN 1000
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	13242	13242
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	676	676
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	413	413
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	775	775
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	127	127
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	6799	6799
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	239	239
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	13242	13242
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	676	676
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	413	413
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	775	775
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	127	127
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	85	85
* 78200300	PRISMATIC CURB REFLECTOR	EACH	123	123
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	8	8
* 88600100	DETECTOR LOOP, TYPE I	FOOT	687	687
X0325702	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14	14
Z0017100	DOWEL BARS	EACH	1372	1372

* SPECIALTY ITEMS

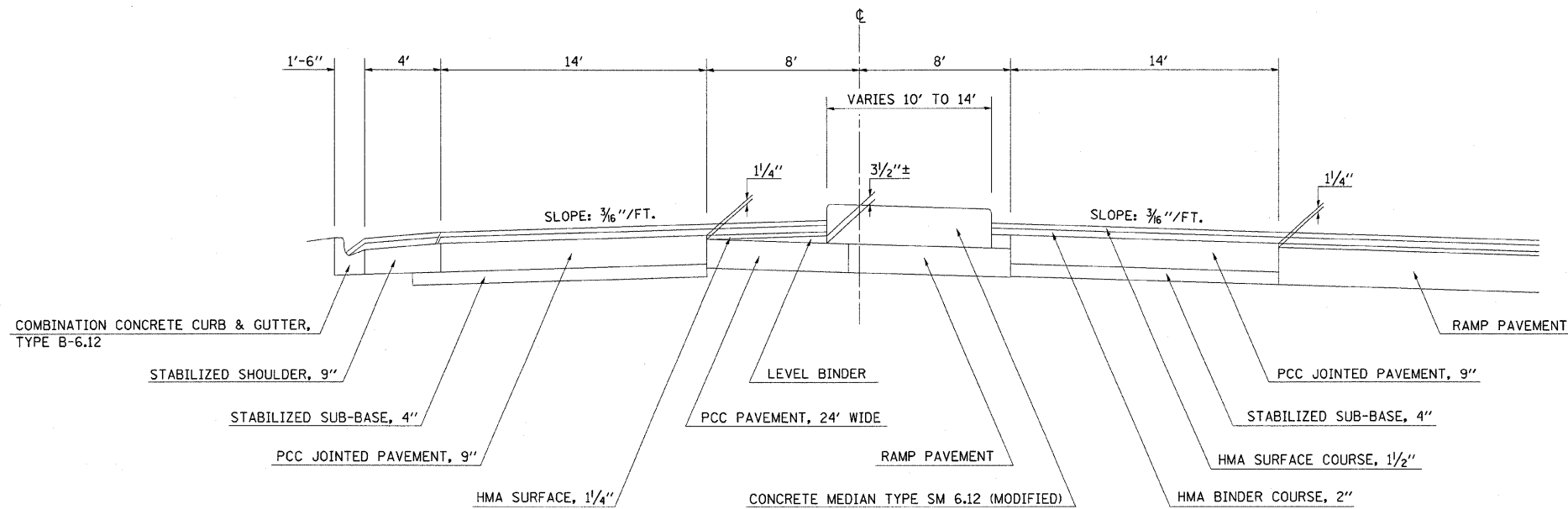
① EXISTING TYPICAL CROSS SECTION

STA. 50+01.98 TO STA. 51+23.74



② EXISTING TYPICAL CROSS SECTION

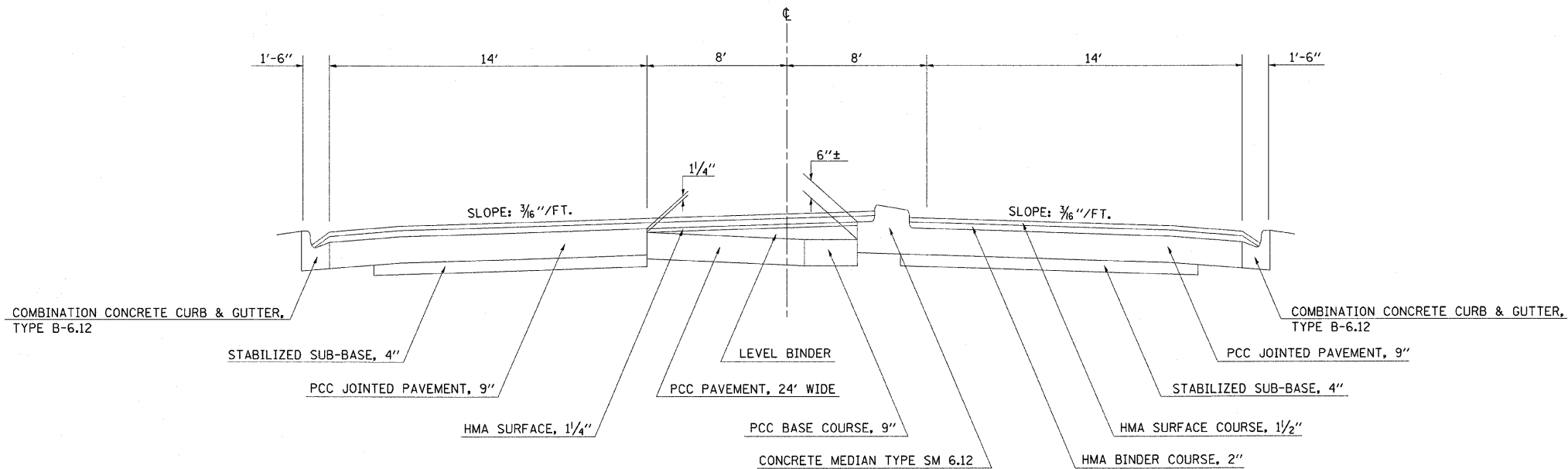
STA. 51+23.74 TO STA. 51+97.87



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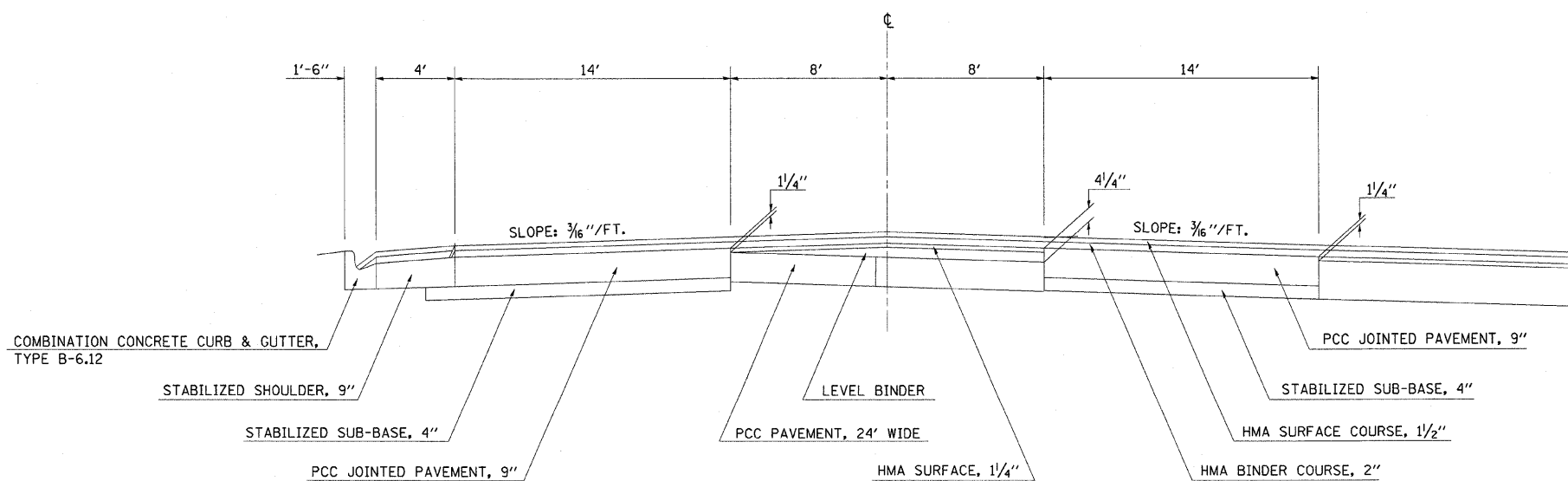
③ EXISTING TYPICAL CROSS SECTION

STA. 51+97.87 TO STA. 55+42.02



④ EXISTING TYPICAL CROSS SECTION

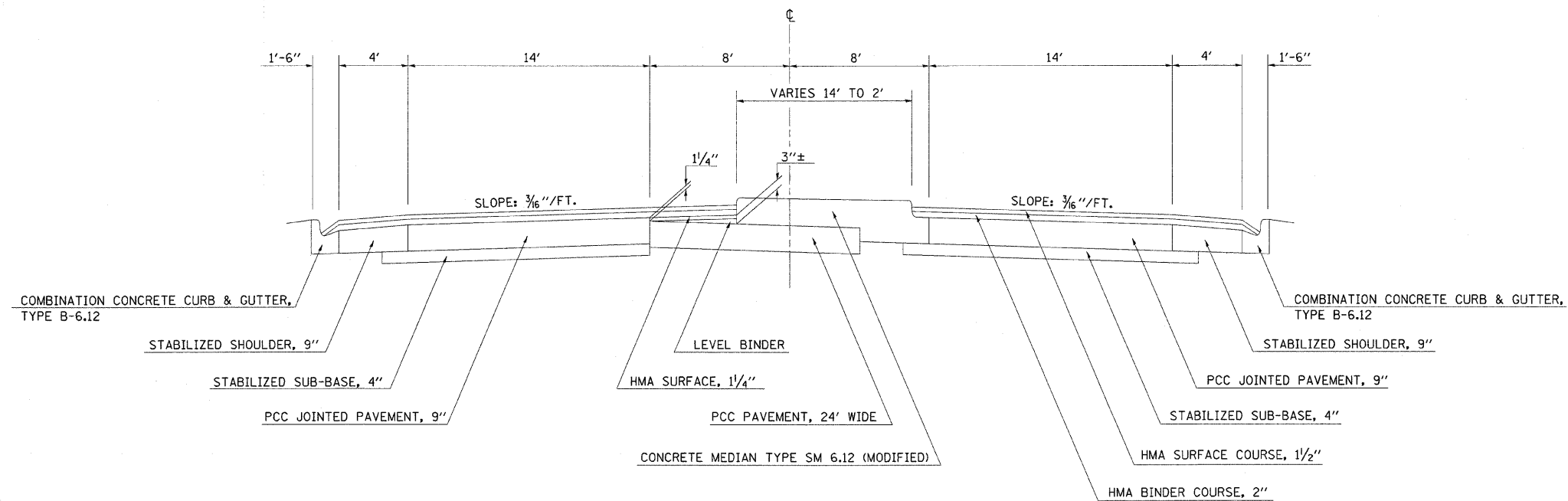
STA. 52+15.12 TO STA. 52+97.88



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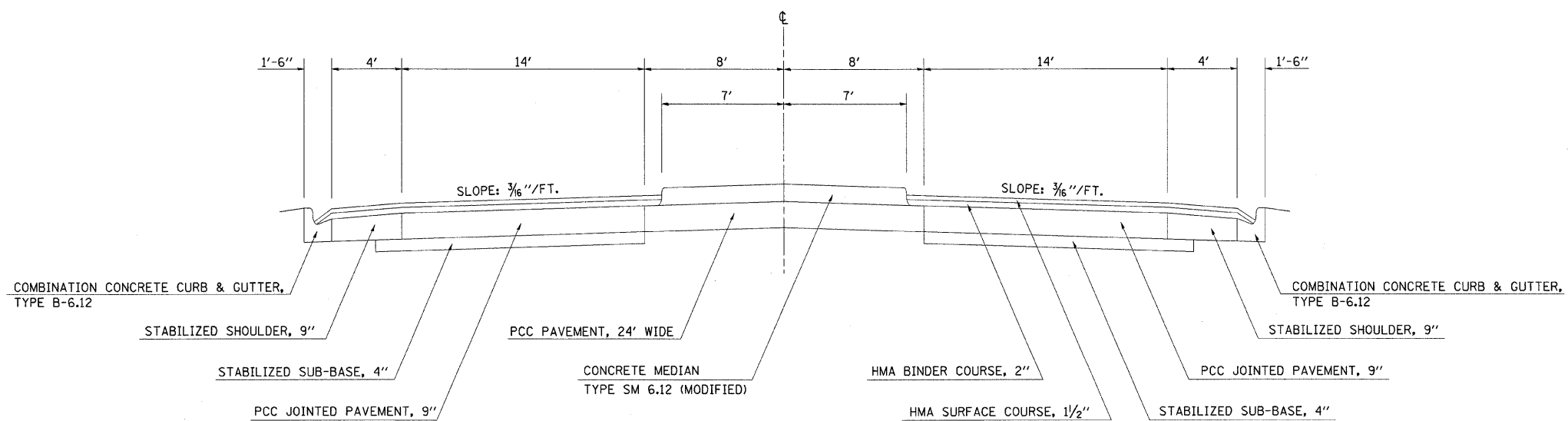
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STA. 55+42.02 TO STA. 57+84.15



⑥ EXISTING TYPICAL CROSS SECTION

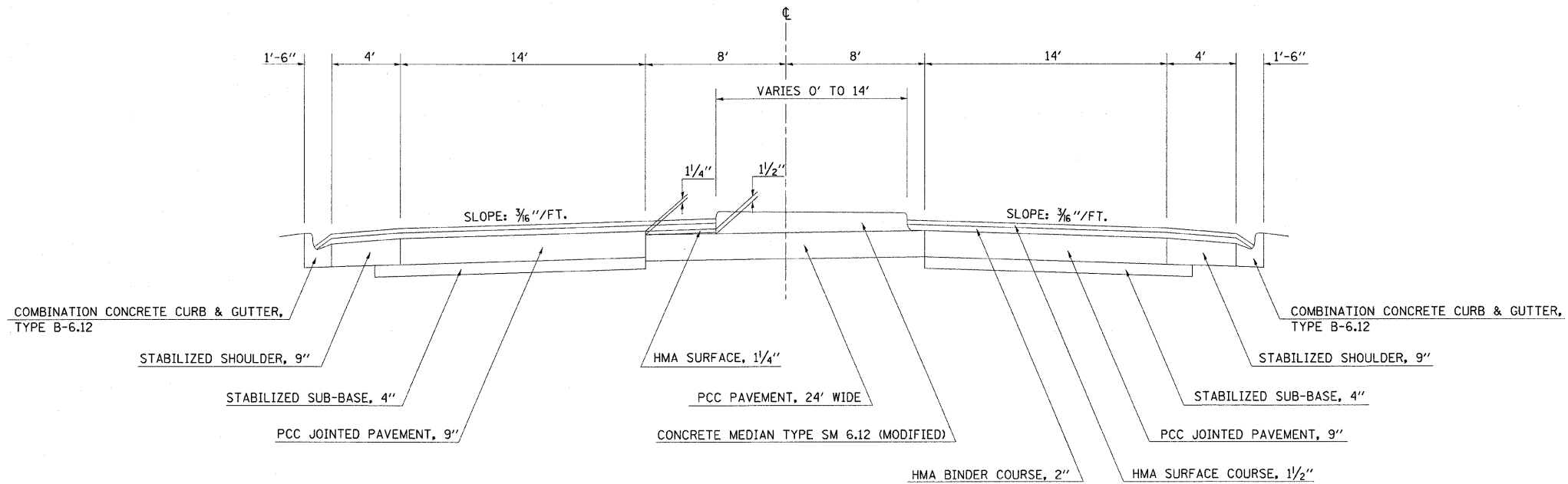
STA. 57+84.15 TO STA. 64+99.51



FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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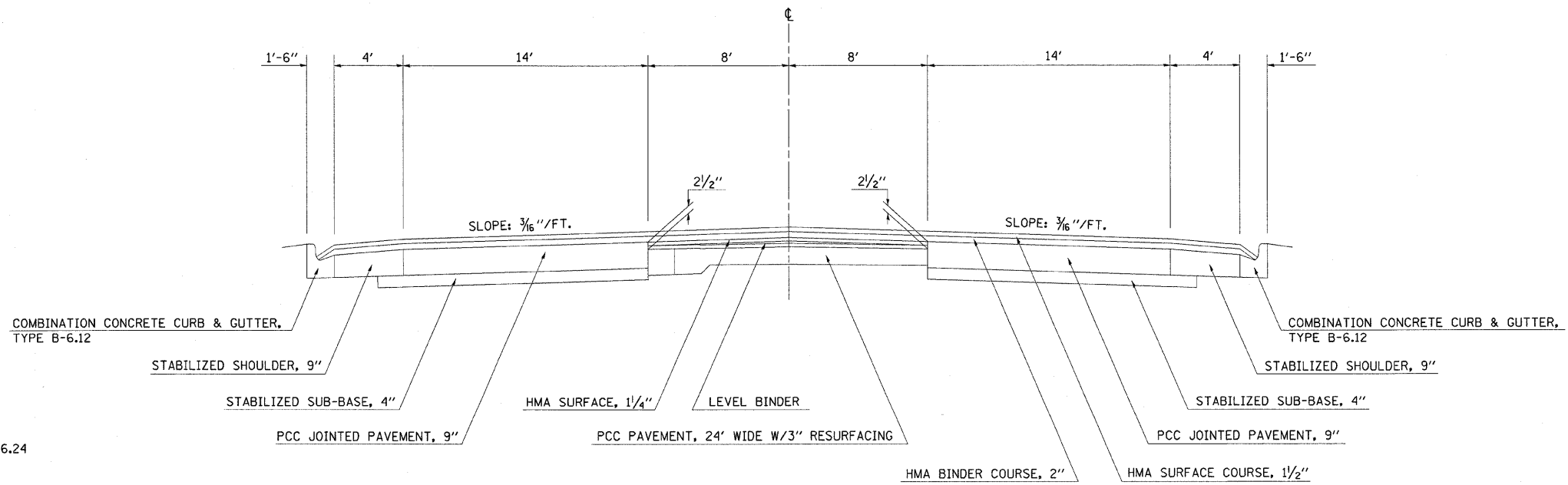
⑦ EXISTING TYPICAL CROSS SECTION

STA. 64+99.51 TO STA. 65+50.88



⑧ EXISTING TYPICAL CROSS SECTION

STA. 65+50.88 TO STA. 72+24.59 LT. *
 STA. 65+50.88 TO STA. 72+18.89 RT. *

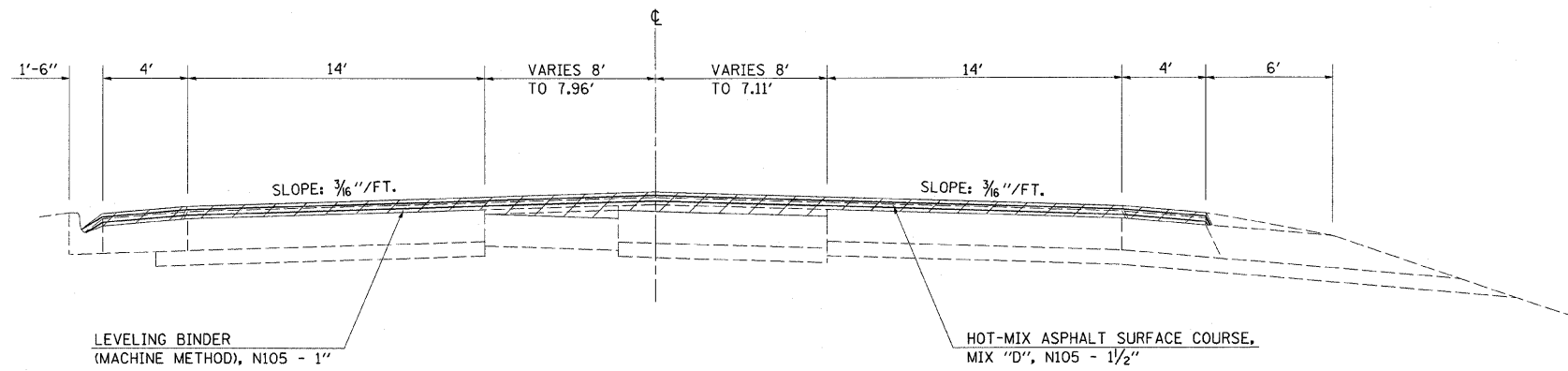


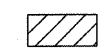
* MILLING TRANSITION FROM STATION 71+21.24 TO STATION 71+46.24 HMA SURFACE REMOVAL COMPLETE TO HMA SURFACE REMOVAL, 2 1/4"

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 12/11/2009	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

① PROPOSED TYPICAL CROSS SECTION

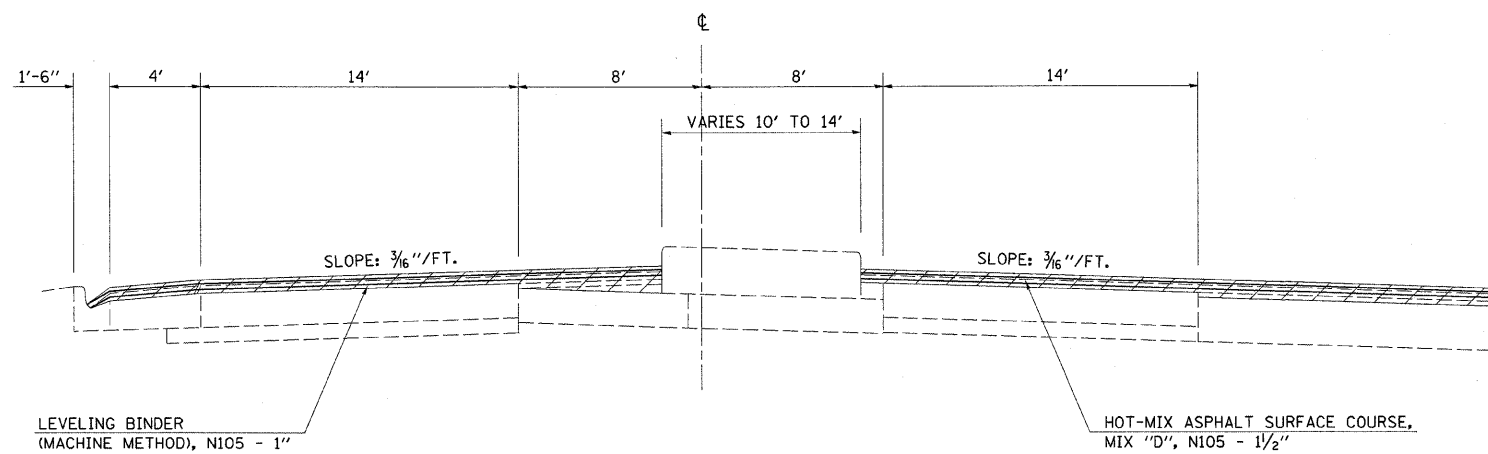
STA. 50+01.98 TO STA. 51+23.74

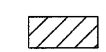


 HOT-MIX ASPHALT SURFACE
REMOVAL COMPLETE

② PROPOSED TYPICAL CROSS SECTION

STA. 51+23.74 TO STA. 51+97.87

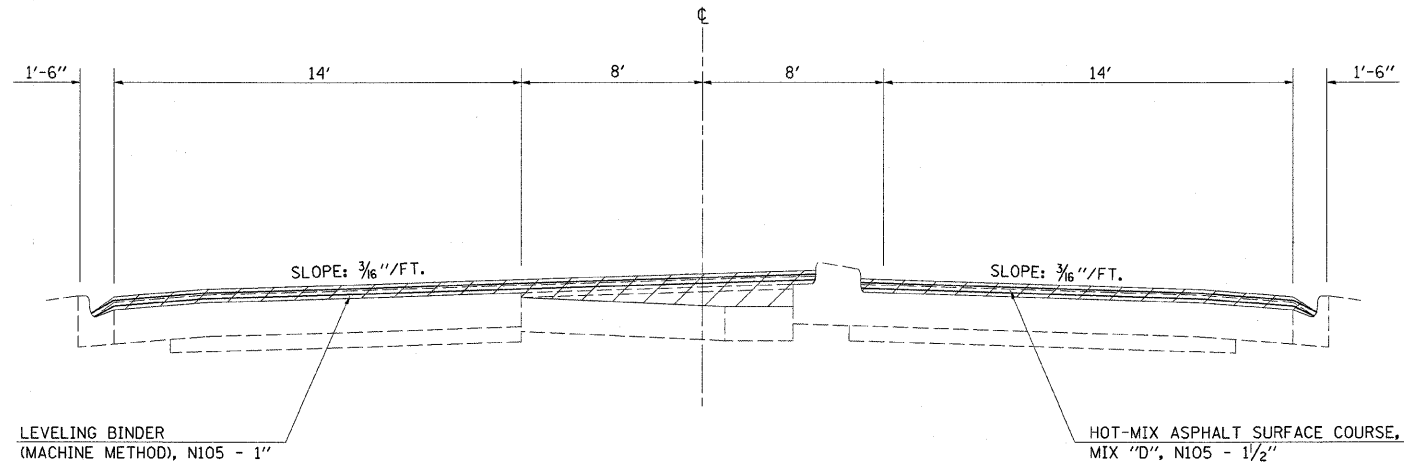



 HOT-MIX ASPHALT SURFACE
REMOVAL COMPLETE

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 12/11/2009	DATE -	REVISED -										
ILLINOIS FED. AID PROJECT													

③ PROPOSED TYPICAL CROSS SECTION

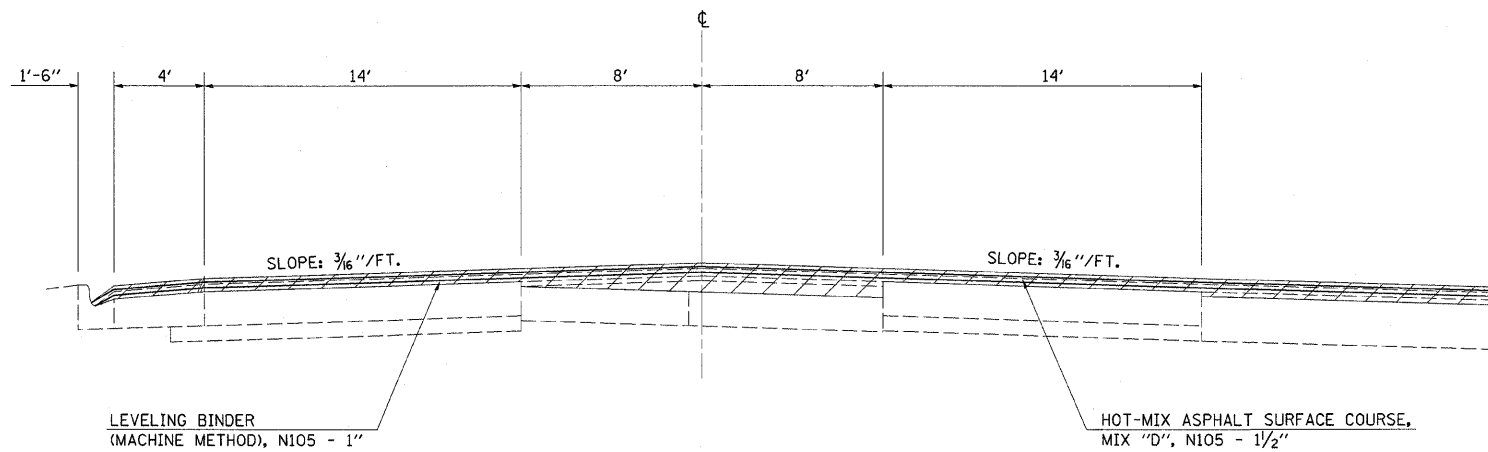
STA. 51+97.87 TO STA. 55+42.02




 HOT-MIX ASPHALT SURFACE REMOVAL COMPLETE

④ PROPOSED TYPICAL CROSS SECTION

STA. 52+15.12 TO STA. 52+97.88

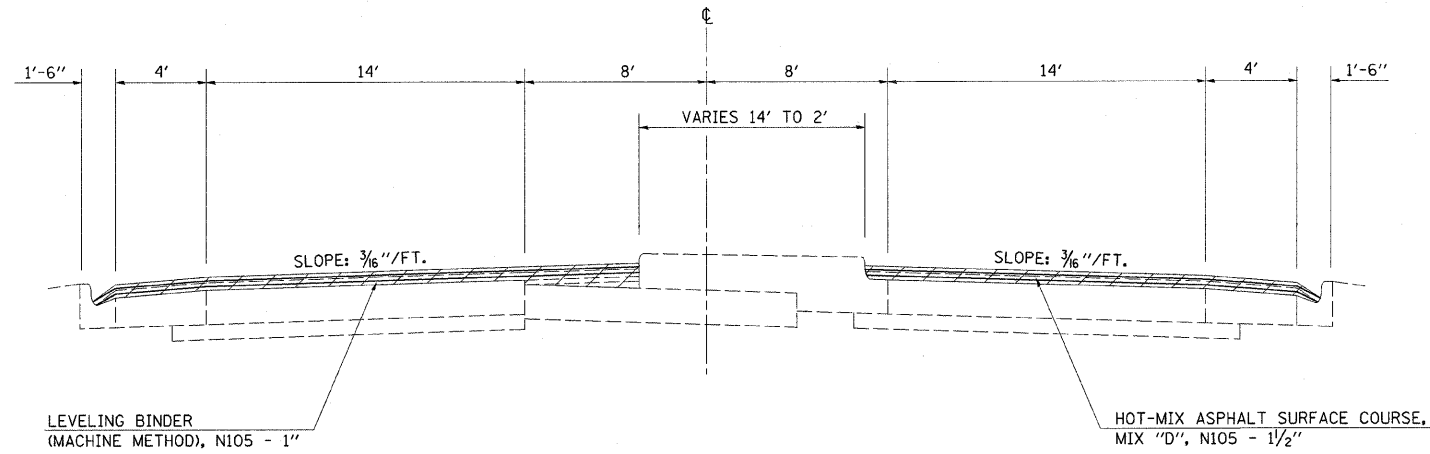


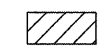
 HOT-MIX ASPHALT SURFACE REMOVAL COMPLETE

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 74430			ILLINOIS FED. AID PROJECT				
PLOT DATE = 12/11/2009	DATE -	REVISED -			SCALE: N.A.	SHEET NO. 2 OF 5 SHEETS	STA.	TO STA.				

⑤ PROPOSED TYPICAL CROSS SECTION

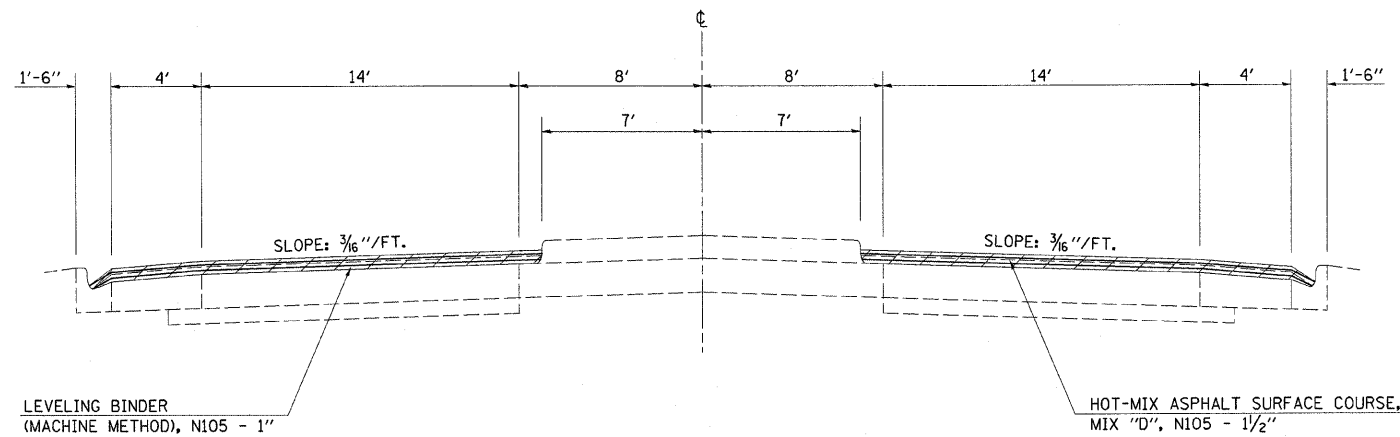
STA. 55+42.02 TO STA. 57+84.15

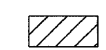


 HOT-MIX ASPHALT SURFACE
REMOVAL COMPLETE

⑥ PROPOSED TYPICAL CROSS SECTION

STA. 57+84.15 TO STA. 64+99.51

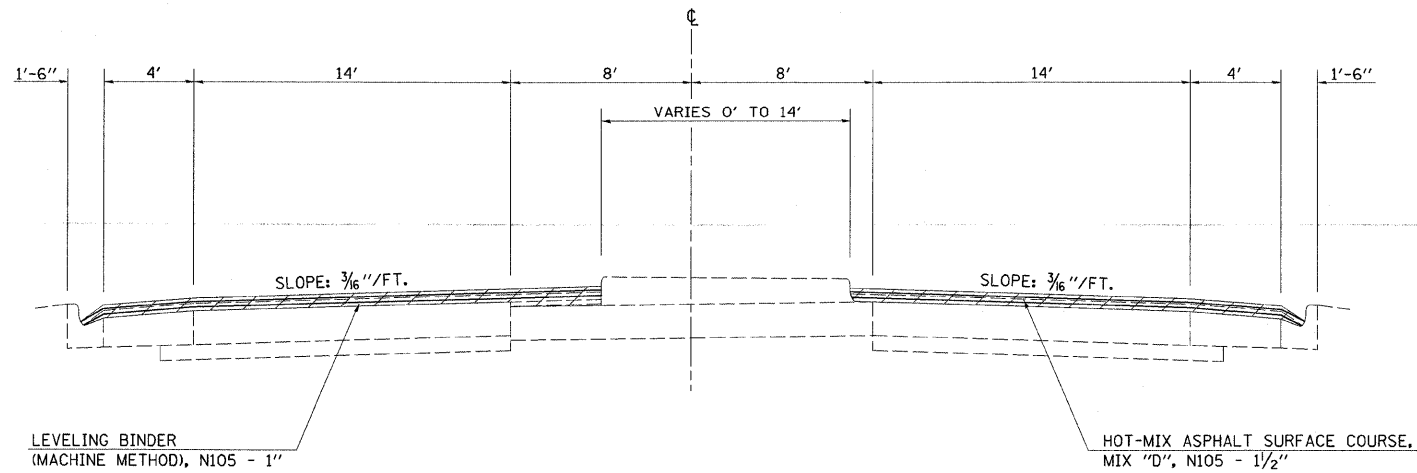


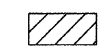
 HOT-MIX ASPHALT SURFACE
REMOVAL COMPLETE

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE = 20,000 "/ IN.	CHECKED -	REVISED -										
	PLOT DATE = 12/11/2009	DATE -	REVISED -										
ILLINOIS FED. AID PROJECT													

⑦ PROPOSED TYPICAL CROSS SECTION

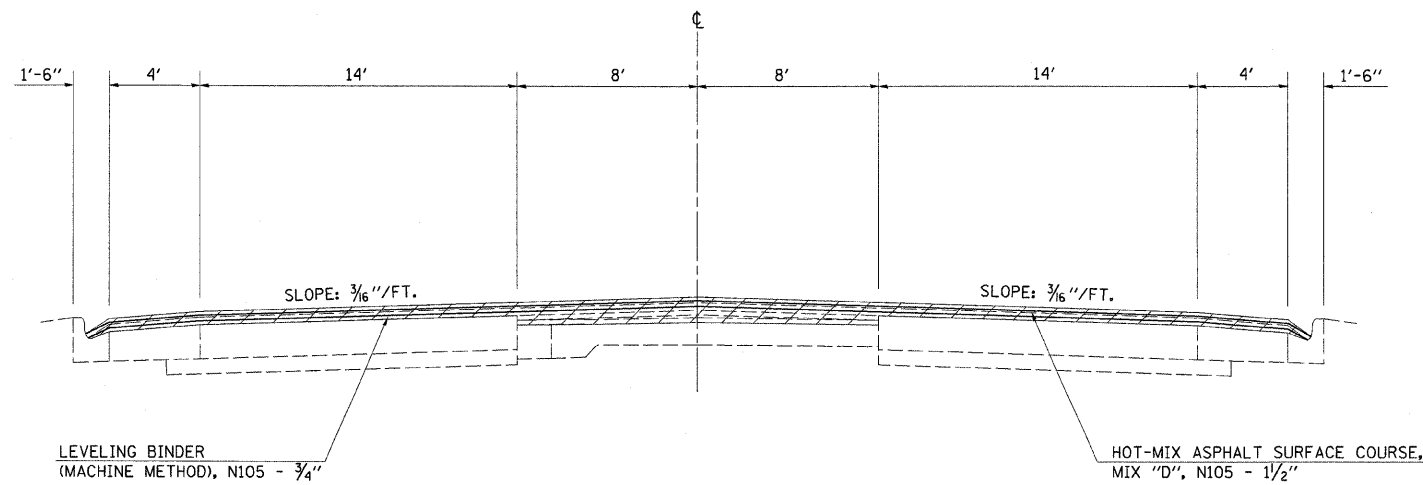
STA. 64+99.51 TO STA. 65+50.88



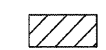
 HOT-MIX ASPHALT SURFACE REMOVAL COMPLETE

⑧ PROPOSED TYPICAL CROSS SECTION

STA. 65+50.88 TO STA. 72+24.59
 STA. 65+50.88 TO STA. 72+18.89 *
 VARIABLE WIDTH BEGINS STA. 71+42.06



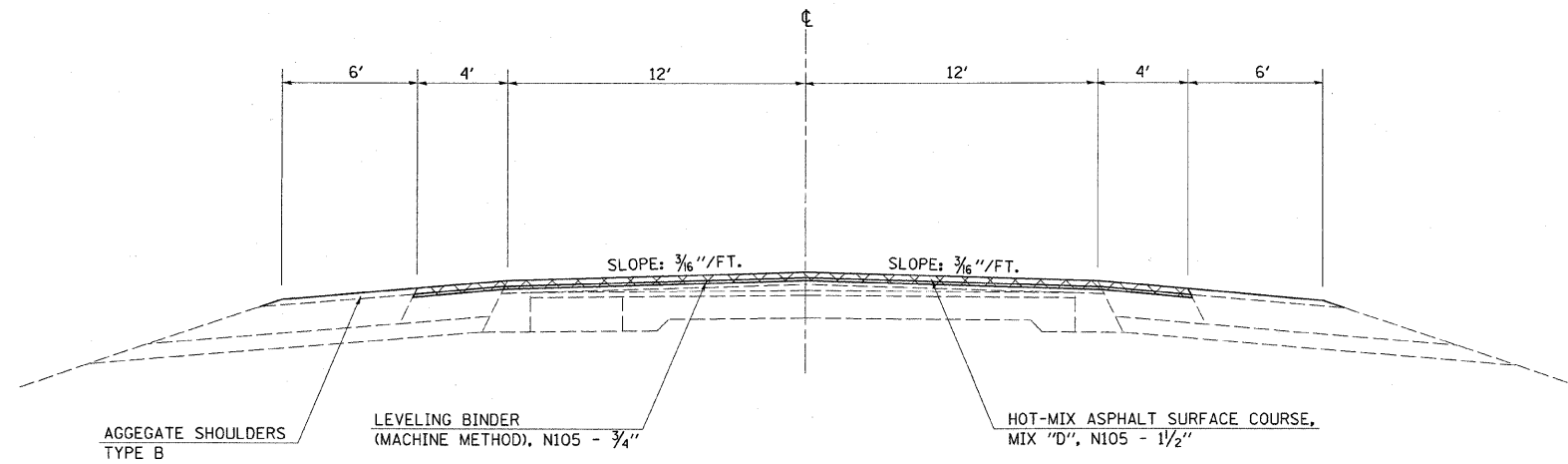
* MILLING TRANSITION FROM FULL DEPTH TO 2 1/4" FROM STATION 71+21.24 TO STATION 71+46.24; ALSO LEVELING BINDER TRANSITIONS FROM 1" TO 3/4"

 HOT-MIX ASPHALT SURFACE REMOVAL COMPLETE

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\PWIDOT\SWARTZRW\0168672\d7	4430-sh-t-tpaal.dgn	DRAWN -	REVISED -		SCALE: N.A.	SHEET NO. 4 OF 5 SHEETS	STA.	TO STA.	328	(12R/RS-1)	EFFINGHAM	54	12
	PLOT SCALE = 20,000 / IN.	CHECKED -	REVISED -					CONTRACT NO. 74430					
	PLOT DATE = 12/11/2009	DATE -	REVISED -					ILLINOIS FED. AID PROJECT					

⑨ PROPOSED TYPICAL CROSS SECTION

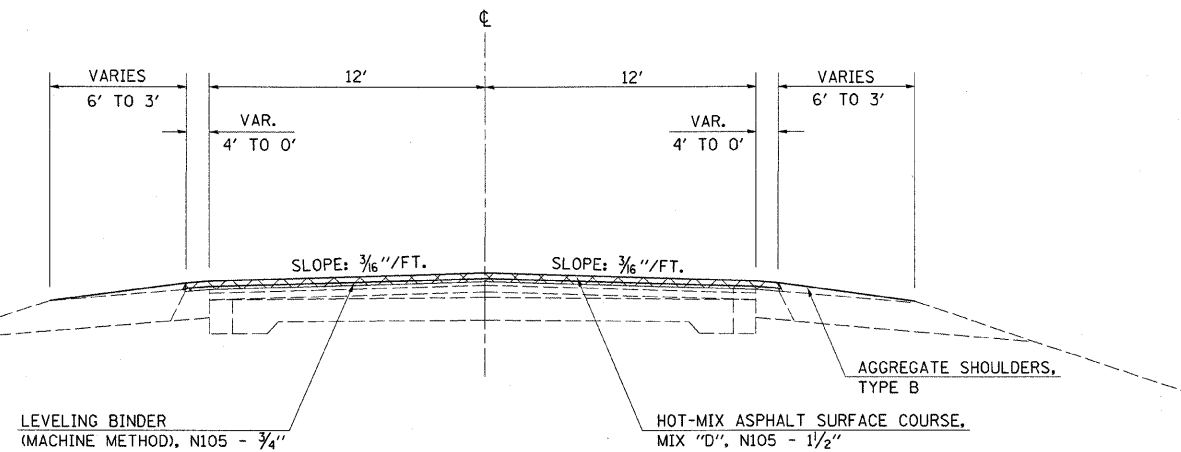
STA. 72+24.59 TO STA. 82+04.31
 STA. 72+18.89 TO STA. 82+04.31
 VARIABLE WIDTH ENDS STA. 81+60.85



 HOT-MIX ASPHALT REMOVAL, 2 1/4"

⑩ PROPOSED TYPICAL CROSS SECTION

STA. 82+04.31 TO STA. 82+65.95 (BK) = STA. 93+00.00 (AH)
 STA. 93+00.00 TO STA. 95+25.00



 HOT-MIX ASPHALT REMOVAL, 2 1/4"

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\PWIDOT\SWARTZRW\d0168672\d7	4430-sh-t-typical.dgn	DRAWN -	REVISED -		32B	(12R)RS-1	EFFINGHAM	54	13			
PLOT SCALE = 20,0000 ' / IN.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 74430			ILLINOIS FED. AID PROJECT				
PLOT DATE = 12/11/2009	DATE -	REVISED -	REVISED -		SCALE: N.A.	SHEET NO. 5 OF 5 SHEETS	STA.	TO STA.				

PAVING SCHEDULE

PAVEMENT						BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HOT MIX ASPHALT SURFACE REMOVAL 2 1/4"	HOT MIX ASPHALT SURFACE REMOVAL, COMPLETE	POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIX "D", NIOS	POLYMERIZED LEVELING BINDER (MACHINE METHOD)	AGGREGATE SHOULDERS, TYPE B	HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP
STATION TO	STATION	LENGTH FEET	WIDTH FEET	AREA SQ YD	GALLON									
50+89.45	TO	51+09.45	20.0	52.7	117.1	11.7	0.2		117.1	9.8	6.6		117.1	73.2
51+09.45	TO	51+23.74	14.3	53.3	84.5	8.5	0.2		84.5	7.1	4.7			
51+23.74	TO	52+18.39	94.7	40.5	425.9	42.6	0.9		425.9	35.8	21.4			
52+18.39	TO	53+01.05	82.7	48.5	445.4	44.5	0.9		445.4	37.4	24.9			
53+01.05	TO	55+63.05	262.0	52.1	1,516.7	151.7	3.0		1516.7	127.4	84.9			
55+63.05	TO	57+64.18	201.1	44.2	987.8	98.8	2.0		987.8	83.0	59.4			
57+64.18	TO	64+48.88	684.7	40.2	3,057.6	305.8	6.1		3057.6	256.8	171.2			
64+48.88	TO	65+07.77	58.9	38.0	248.6	24.9	0.5		248.6	20.9	13.9			
65+07.77	TO	65+53.08	45.3	41.7	209.9	21.0	0.4		209.9	17.6	10.7			
65+53.08	TO	66+37.79	84.7	49.5	465.9	46.6	0.9		465.9	39.1	26.1			
66+37.79	TO	67+22.47	84.7	47.5	446.9	44.7	0.9		446.9	37.5	25.0			
67+22.47	TO	71+21.24	398.8	51.8	2,295.1	229.5	4.6		2295.1	192.8	128.5			
71+21.24	TO	71+46.24	25.0	54.0	150.0	15.0	0.3	150.0		12.6	6.3			
71+46.24	TO	72+02.20	56.0	52.4	325.8	32.6	0.7	325.8		27.4	13.7			
72+02.20	TO	76+63.83	461.6	43.2	2,215.8	221.6	4.4	2215.8		186.1	93.1	11.7		
76+63.83	TO	80+17.07	353.2	36.8	1,444.4	144.4	2.9	1444.4		121.3	60.7	29.8		
80+17.07	TO	82+32.47	215.4	34.0	813.7	81.4	1.6	813.7		68.4	34.2	16.2		
82+32.47	TO	82+65.95	33.5	30.0	111.6	11.2	0.2	111.6		9.4	4.7	1.4		
82+65.95	TO	93+00.00												
93+00.00	TO	95+10.00	210.0	26.0	606.7	60.7	1.2	606.7		51.0	25.5	8.5		
95+10.00	TO	95+25.00	15.0	26.0	43.3	4.3	0.1			3.6	1.8	3.0	43.3	40.0
SOUTH I-57/70 RAMPS			20.0	Variable	491.0	49.1	1.0			41.2	27.5		491.0	73.5
NORTH I-57/70 RAMPS			20.0	Variable	450.0	45.0	0.9			37.8	25.2		450.0	73.2
PROJECT TOTALS			3,442		16,954	1,696	34	5,668	10,302	1,424	870	71	1101	260

PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING SCHEDULE				SHORT TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING-LETTERS AND SYMBOLS	TEMPORARY PAVEMENT MARKING-LINE 4"	TEMPORARY PAVEMENT MARKING-LINE 6"	TEMPORARY PAVEMENT MARKING-LINE 8"	TEMPORARY PAVEMENT MARKING-LINE 12"	TEMPORARY PAVEMENT MARKING-LINE 24"	WORK ZONE PAVEMENT MARKING REMOVAL	THERMOPLASTIC PAVEMENT MARKING -LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	RAISED REFLECTIVE PAVEMENT MARKER	PRISMATIC CURB REFLECTORS
STATION		STATION	FEET	FT.	SQ. FT.	FT.	FT.	FT.	FT.	FT.	FT.	SQ. FT.	FT.	FT.		FT.	FT.	EACH	EACH
50+89.42	TO	52+19.71	130.3	27.6		483.4			36.6		200.0		483.4			36.6		2	8
52+19.71	TO	52+99.71	80.0			80.0				18.5	26.7		80.0				18.5	0	0
52+99.71	TO	65+54.33	1,254.6	1,046.0	62.4	4,934.7	261.6			18.0	1,925.3	62.4	4,934.7	261.6			18.0	7	82
65+54.33	TO	66+36.53	82.2			82.2				18.4	27.4		82.2				18.4	0	0
66+36.53	TO	72+00.96	564.4	2,288.0	93.6	2,493.8	297.2			44.4	1,370.5	93.6	2,493.8	297.2			44.4	33	9
72+00.96	TO	73+45.86	144.9															0	0
73+45.86	TO	80+09.96	664.1	1,326.9	83.2	3,604.6	116.9		85.8	27.4	1,649.2	83.2	3,604.6	116.9		85.8	27.4	37	0
80+09.96	TO	82+65.95	256.0	1,126.4		832.0					371.2		832.0					3	0
82+65.95	TO	93+00.00	1,034.1															0	0
93+00.00	TO	95+25.00	225.0	990.0		731.3					326.3		731.3					3	0
SOUTH I-57/70 RAMPS								201.1	260.4		434.0				201.1	260.4			12
NORTH I-57/70 RAMPS								211.5	290.0		468.6				211.5	290.0			12
PROJECT TOTALS			4,436	6,805	239	13,242	676	413	673	127	6,799	239	13,242	676	413	673	127	85	123

PATCHING SCHEDULE

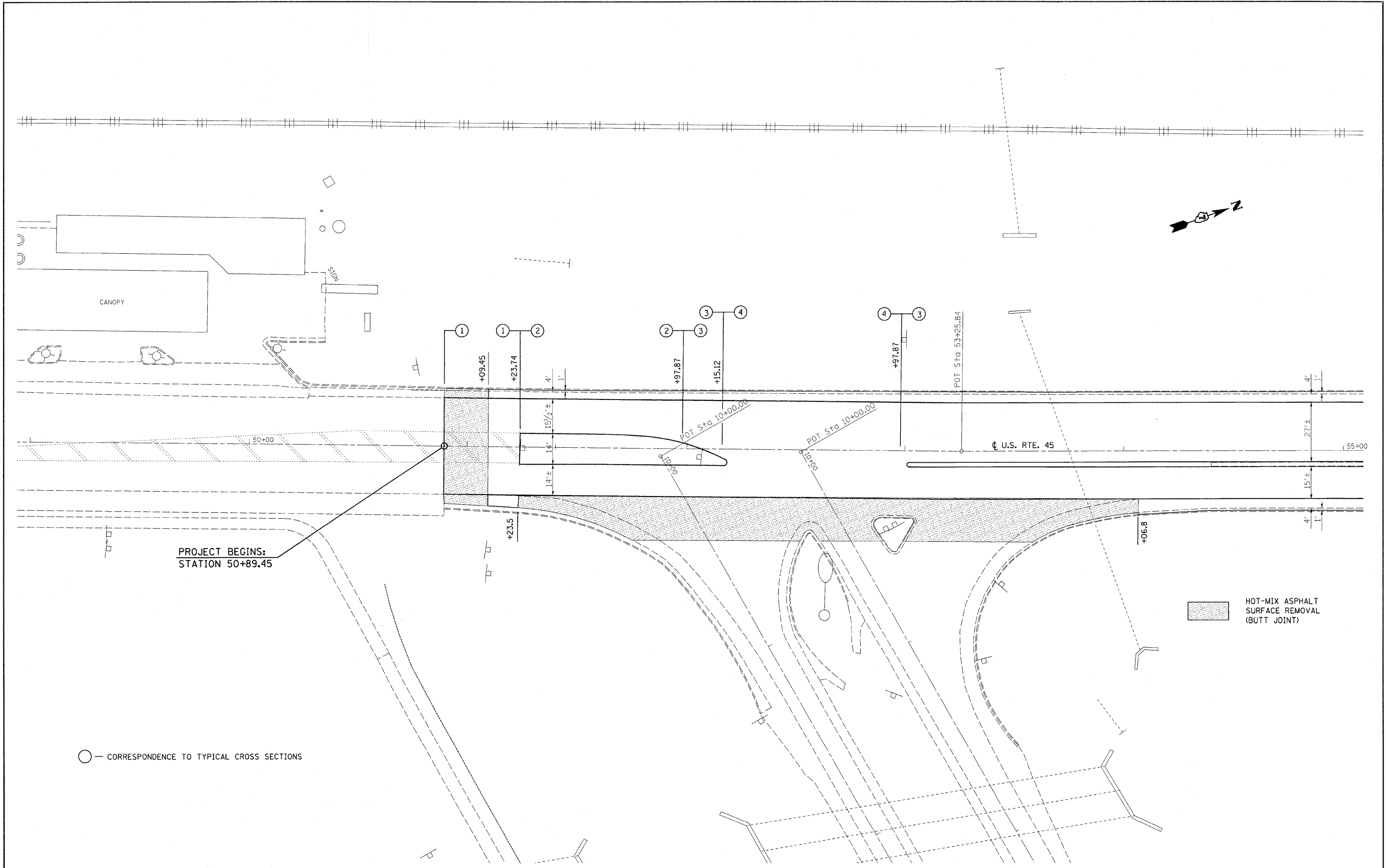
LOCATION	CLASS B PATCHES, TYPE II, 12" SQ. YD	CLASS B PATCHES, TYPE III, 12" SQ. YD	PAVEMENT FABRIC SQ. YD	SAW CUTS FOOT	DOWEL BARS EACH
US 45 NB / SB	412.4	43.3	43.3	3,075.0	1,372.0
TOTALS	412.4	43.3	43.3	3,075.0	1,372.0

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

LOCATION				EA.
57+11.85	TO	57+61.85	LT.	1.0

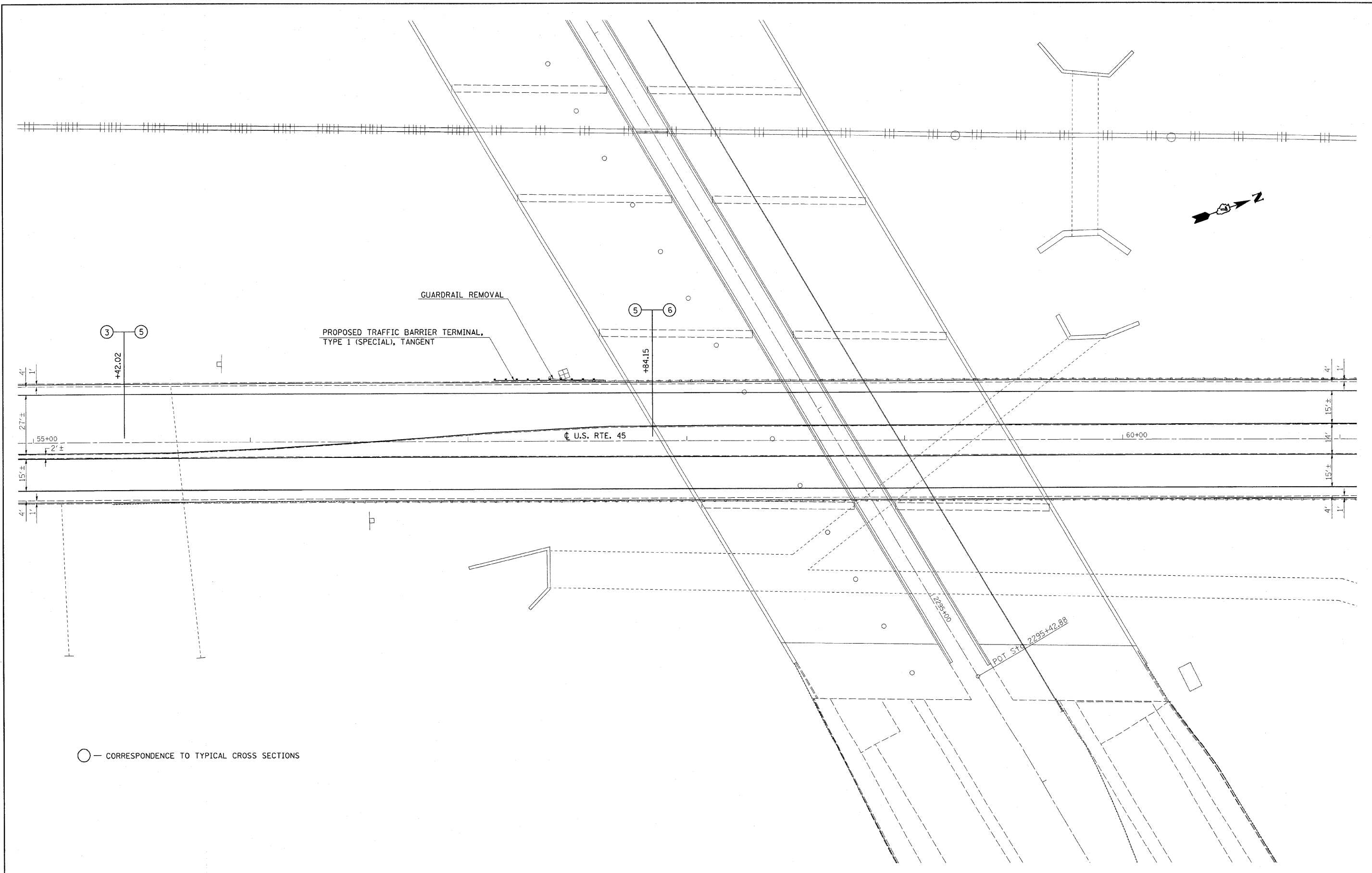
GUARDRAIL REMOVAL

LOCATION				LENGTH
57+36.85	TO	57+61.85	LT.	25 FT.



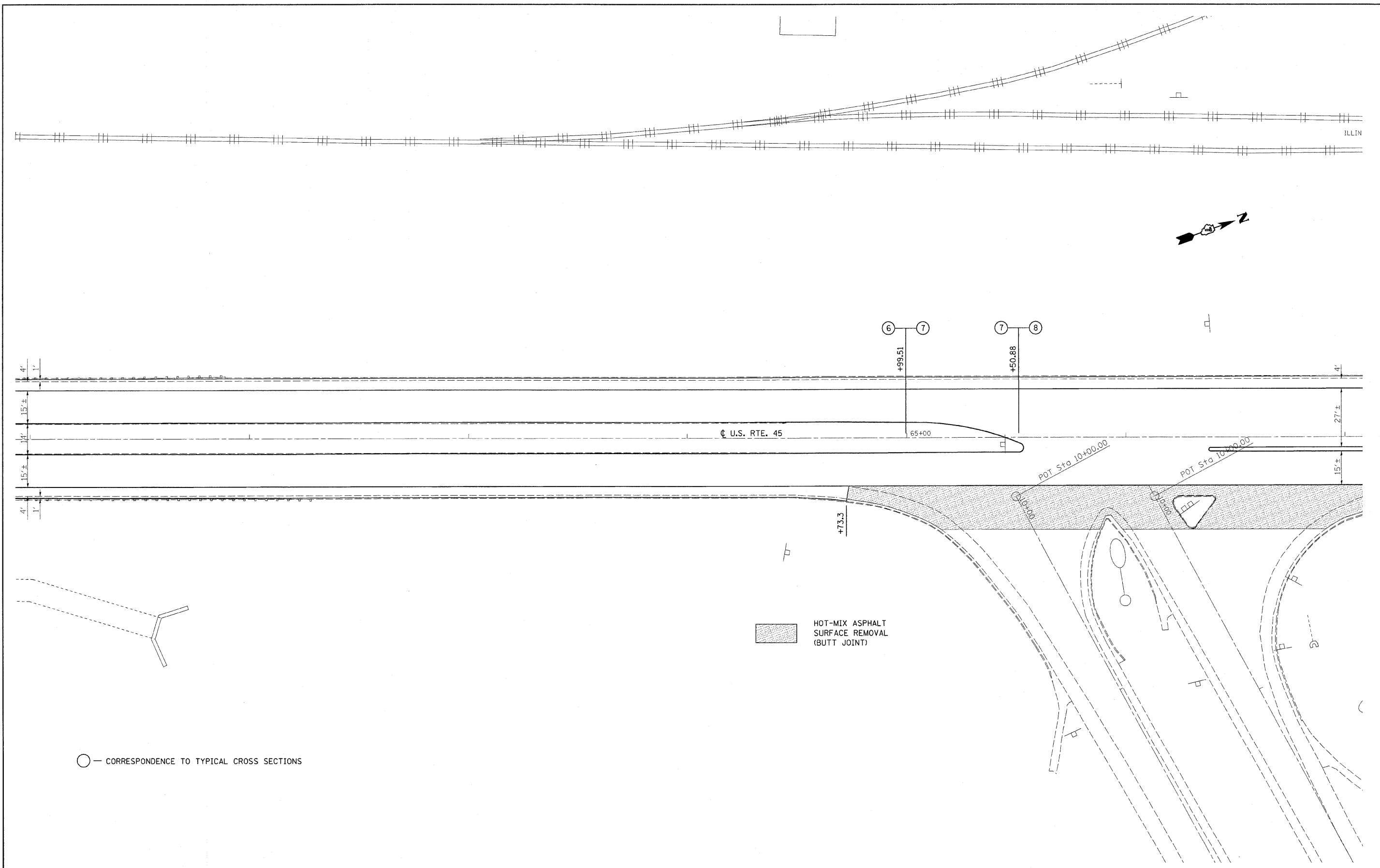
○ — CORRESPONDENCE TO TYPICAL CROSS SECTIONS

FILE NAME = c:\pw_work\p\w\DOT\SWARTZRW\d0168672\07	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.P. RTE. 328	SECTION (12R0RS-1)	COUNTY EFFINGHAM	TOTAL SHEETS 54	SHEET NO. 16
	PLOT SCALE = 20.0000' / 1" IN.	DRAWN -	REVISED -		SCALE: 20	SHEET NO. 1 OF 7 SHEETS	STA. 49+00 TO STA. 55+00	CONTRACT NO. 74430		ILLINOIS FED. AID PROJECT	
PLOT DATE = 12/11/2009	CHECKED -	REVISED -									
	DATE -	REVISED -									

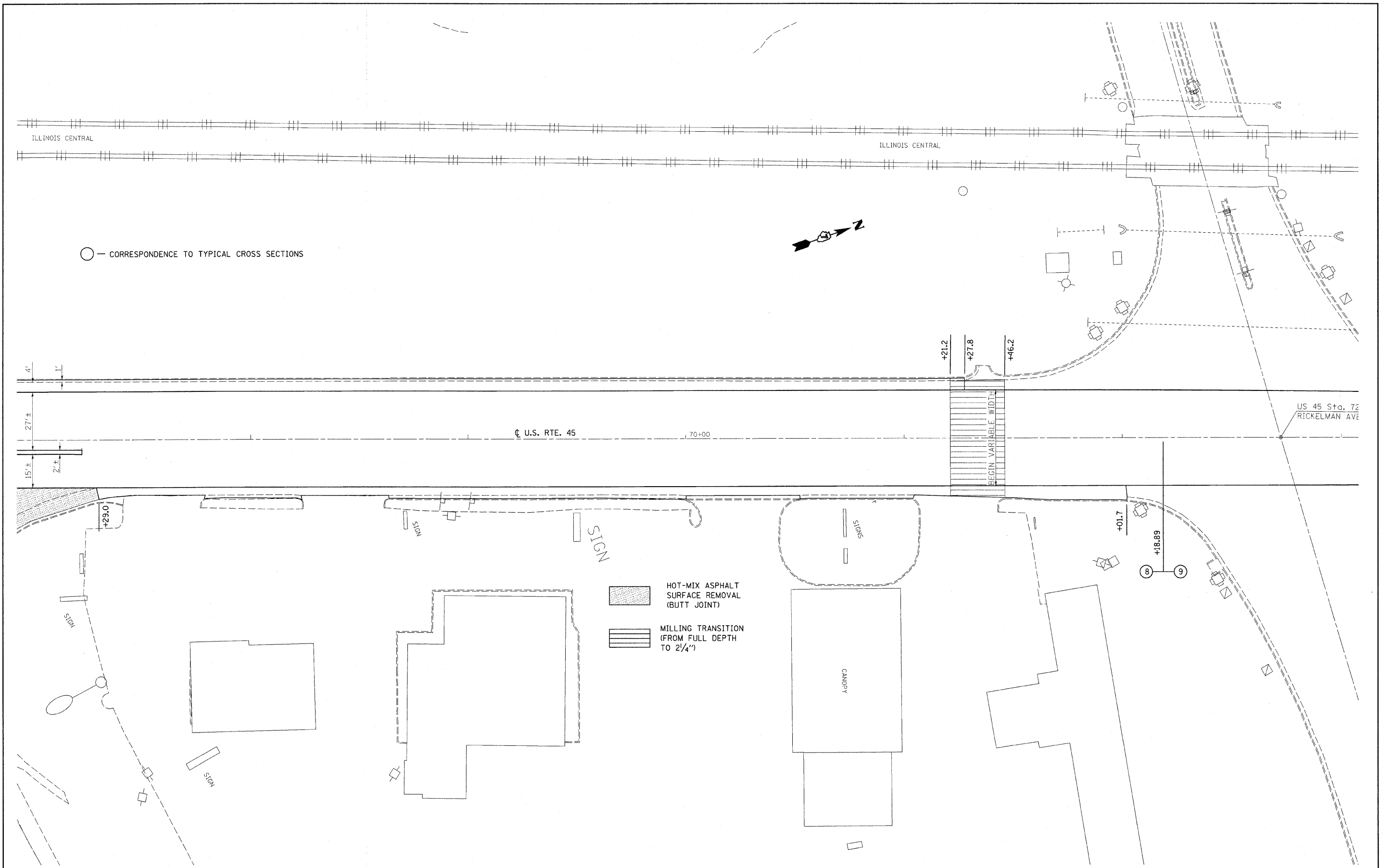


○ — CORRESPONDENCE TO TYPICAL CROSS SECTIONS

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.	
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	PLOT SCALE = 20,0000 1/ IN.	CHECKED -	REVISED -										
	PLOT DATE = 12/11/2009	DATE -	REVISED -										
CONTRACT NO. 74430													
ILLINOIS FED. AID PROJECT													



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.	
es:\pwork\FWIDOT\SWARTZRW\d0168672\07	4430-shr-plan.dgn	DRAWN -	REVISED -		SCALE: 20	SHEET NO. 3 OF 7 SHEETS	STA. 61+00 TO STA. 67+00	328	(12R)RS-1	EFFINGHAM	54	18
	PLOT SCALE = 20.0000 1/ IN.	CHECKED -	REVISED -									
	PLOT DATE = 12/11/2009	DATE -	REVISED -									
							ILLINOIS FED. AID PROJECT					CONTRACT NO. 74430



○ — CORRESPONDENCE TO TYPICAL CROSS SECTIONS

- HOT-MIX ASPHALT SURFACE REMOVAL (BUTT JOINT)
- MILLING TRANSITION (FROM FULL DEPTH TO 2 1/4")

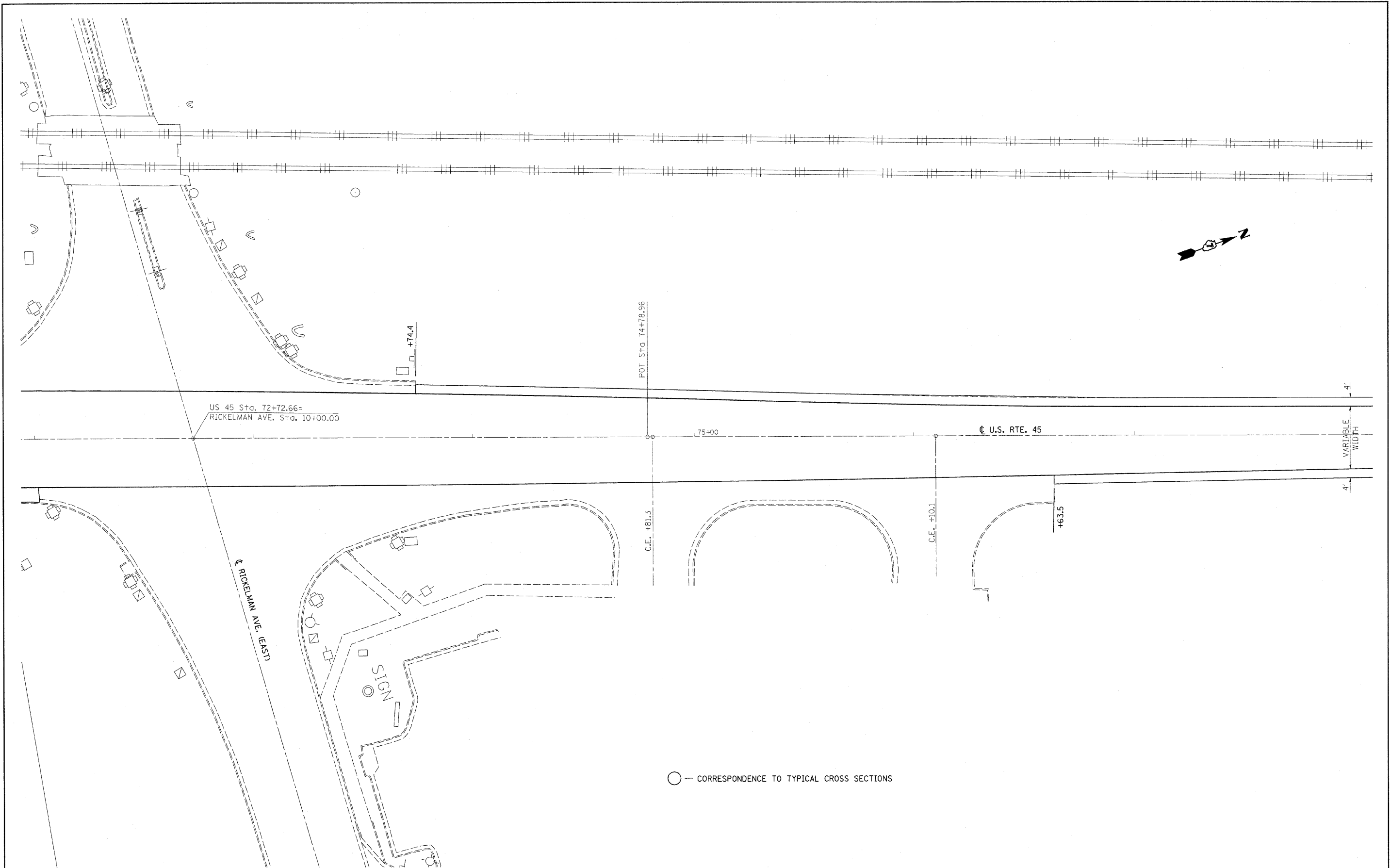
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	PLOT DATE = 12/11/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

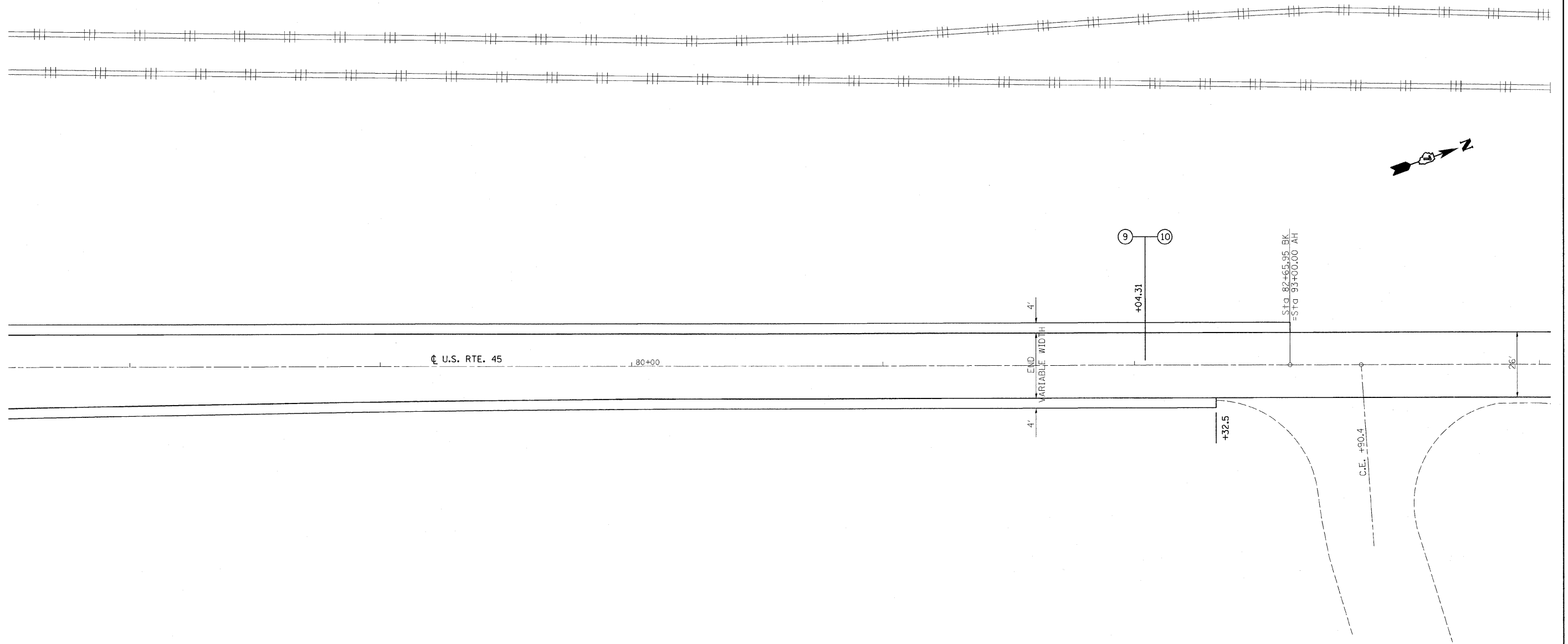
SCALE: 20 SHEET NO. 4 OF 7 SHEETS STA. 67+00 TO STA. 73+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(12R/RS-1)	EFFINGHAM	54	19
CONTRACT NO. 74430				
ILLINOIS FED. AID PROJECT				



○ — CORRESPONDENCE TO TYPICAL CROSS SECTIONS

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	4438-shr-plan.dgn	DRAWN -	REVISED -		328	(12RRS-1)	EFFINGHAM	54	20			
PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -	SCALE: 20			SHEET NO. 5 OF 7 SHEETS			STA. 72+00 TO STA. 78+00			
PLOT DATE = 12/11/2009	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									



○ — CORRESPONDENCE TO TYPICAL CROSS SECTIONS

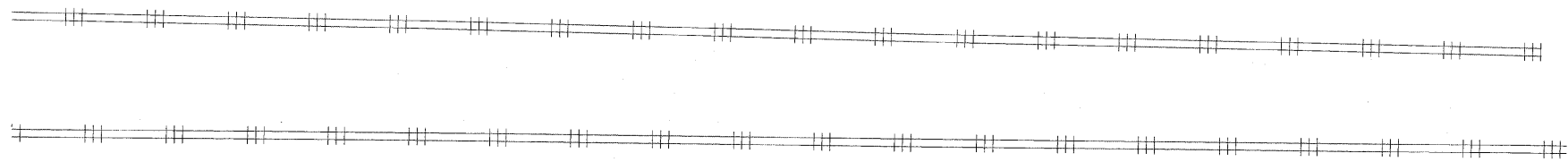
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	PLOT DATE = 12/11/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

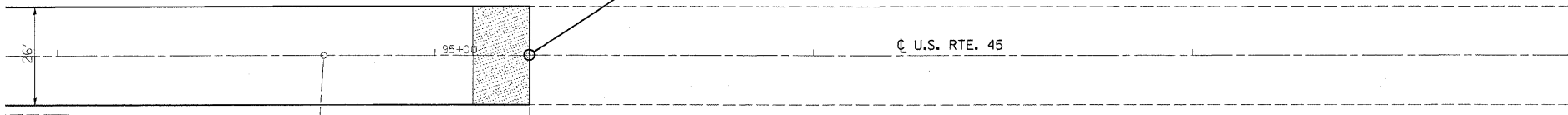
SCALE: 20 SHEET NO. 6 OF 7 SHEETS STA. 78+00 TO STA. 94+00


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	12R/RS-1	EFFINGHAM	54	21
CONTRACT NO. 74430				
ILLINOIS FED. AID PROJECT				



PROJECT ENDS:
STATION 95+25.00

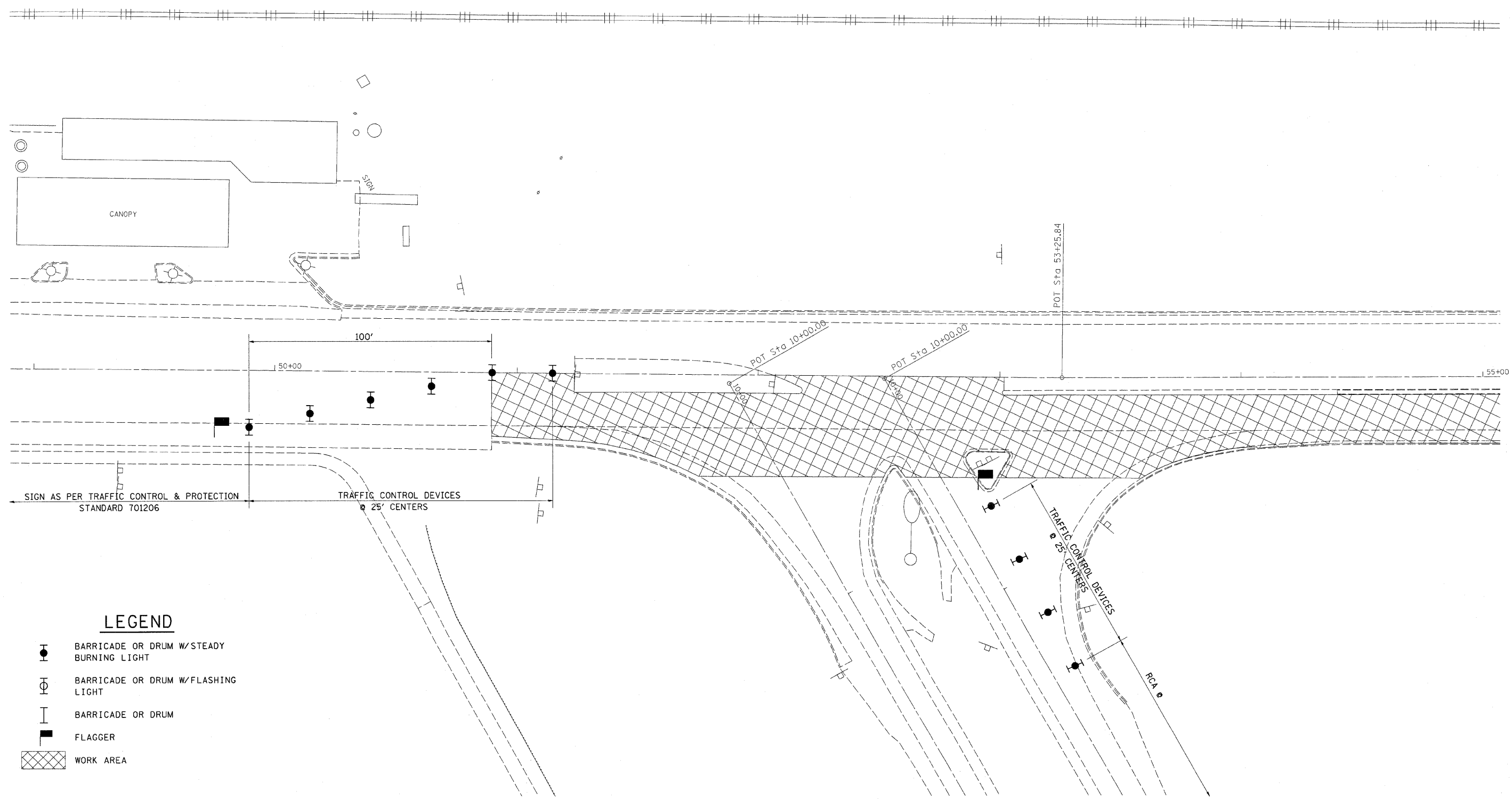
⑩
+25.00








 HOT-MIX ASPHALT
SURFACE REMOVAL
(BUTT JOINT)

○ — CORRESPONDENCE TO TYPICAL CROSS SECTIONS

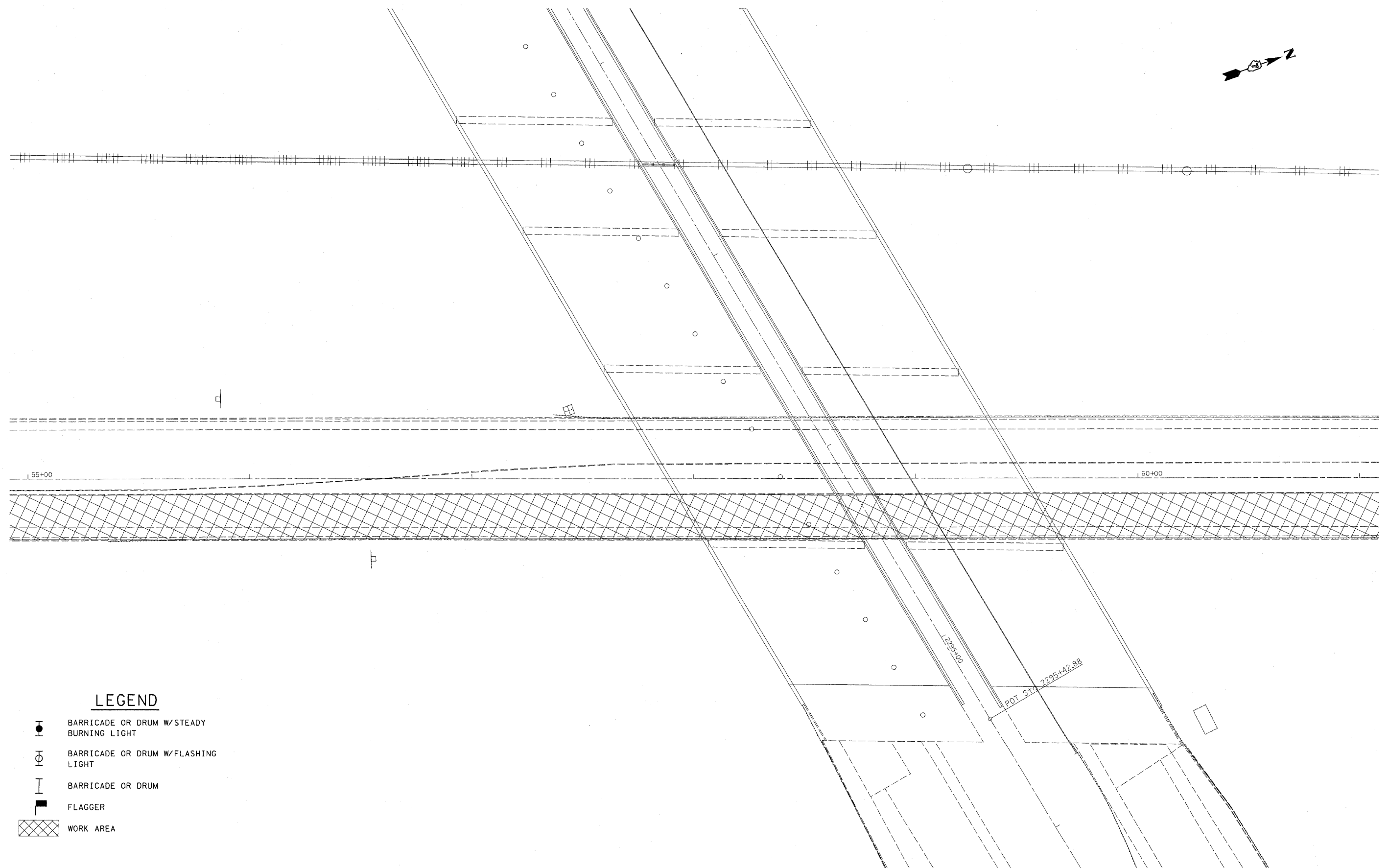
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	4430-shr-plan.dgn	DRAWN -	REVISED -		328	(12R/RS-1)	EFFINGHAM	54	22				
PLOT SCALE = 20,0000 // IN.	CHECKED -	REVISED -			SCALE: 20			SHEET NO. 7 OF 7 SHEETS		STA. 94+00 TO STA. 98+00		CONTRACT NO. 74430	
PLOT DATE = 12/11/2009	DATE -	REVISED -			ILLINOIS FED. AID PROJECT								








LEGEND

-  BARRICADE OR DRUM W/STEADY BURNING LIGHT
-  BARRICADE OR DRUM W/FLASHING LIGHT
-  BARRICADE OR DRUM
-  FLAGGER
-  WORK AREA

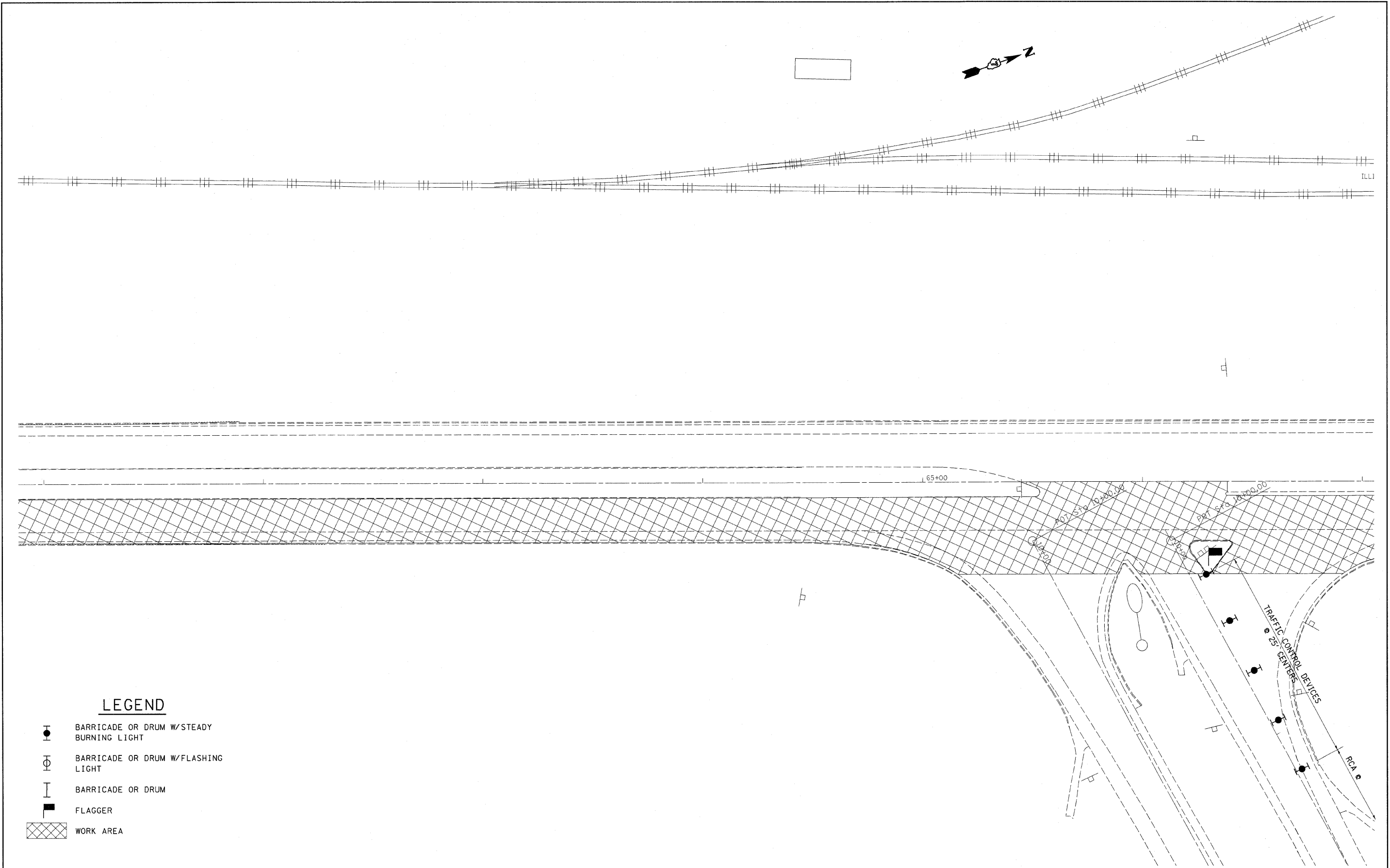
FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1A TRAFFIC CONTROL TC&P STD 701206		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pw\work\PW1001\SWARTZRW\d0168672\d7	4430-sht-stgl.dgn	DRAWN -	REVISED -		SCALE: 20	SHEET NO. 1 OF 4 SHEETS	STA. 49+00 TO STA. 55+00	328	(12R)RS-1	EFFINGHAM	54	23
	PLOT SCALE = 20,0000 ' / IN.	CHECKED -	REVISED -							CONTRACT NO. 74430		
	PLOT DATE = 12/11/2009	DATE -	REVISED -							ILLINOIS FED. AID PROJECT		








LEGEND

-  BARRICADE OR DRUM W/STEADY BURNING LIGHT
-  BARRICADE OR DRUM W/FLASHING LIGHT
-  BARRICADE OR DRUM
-  FLAGGER
-  WORK AREA

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1A TRAFFIC CONTROL TC&P STD 701206			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci\pwork\pwork\swartzw\d0168872\d774	430-sh1-atg1.dgn	DRAWN -	REVISED -		328	(12R/RS-1)	EFFINGHAM	54	24			
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	PLOT DATE = 12/11/2009	DATE -	REVISED -		SCALE: 20	SHEET NO. 2 OF 4 SHEETS	STA. 55+00	TO STA. 61+00				



LEGEND

-  BARRICADE OR DRUM W/STEADY BURNING LIGHT
-  BARRICADE OR DRUM W/FLASHING LIGHT
-  BARRICADE OR DRUM
-  FLAGGER
-  WORK AREA

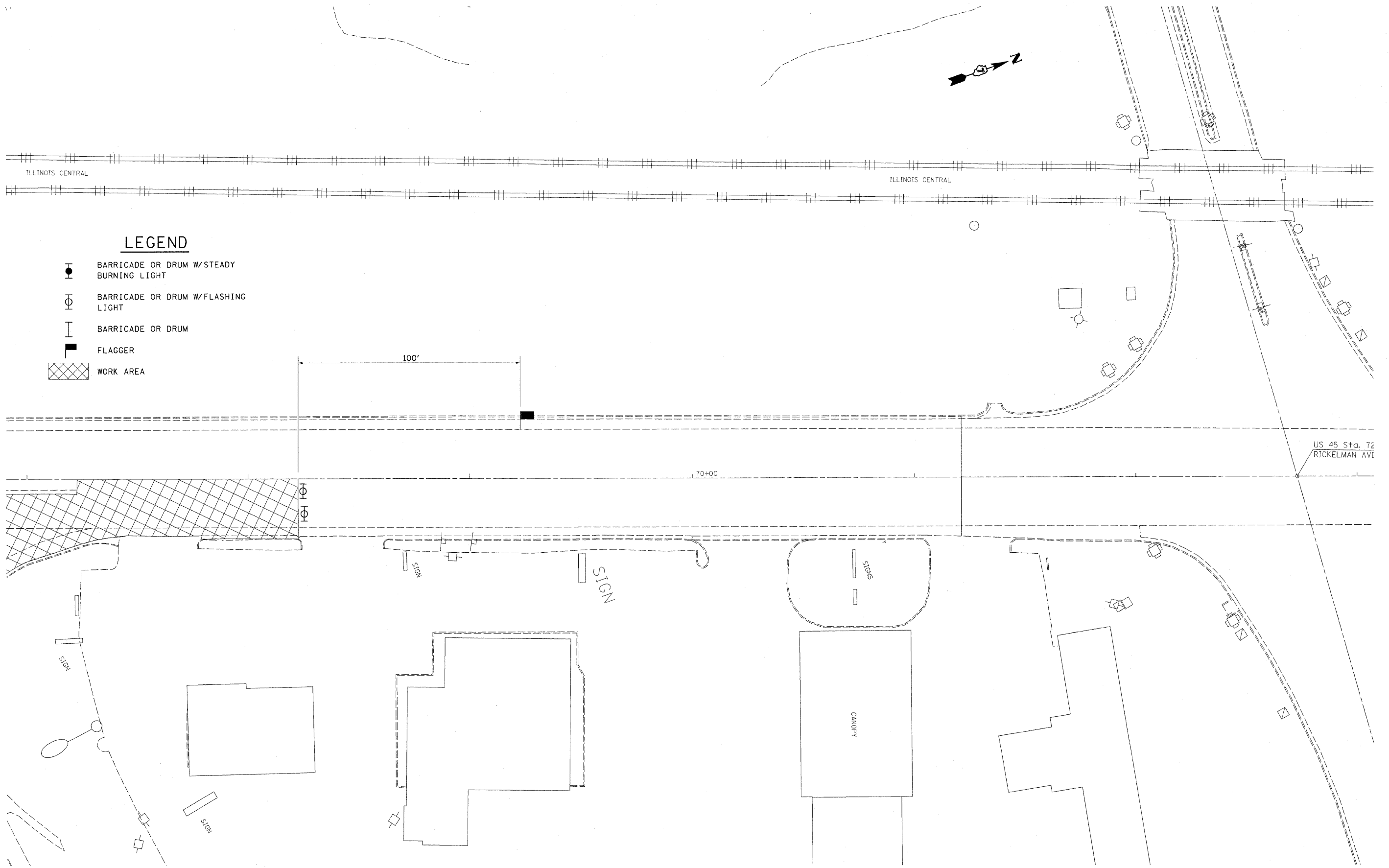
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	PLOT DATE = 12/11/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






**STAGE 1A TRAFFIC CONTROL
TC&P STD 701206**

SCALE: 20 SHEET NO. 3 OF 4 SHEETS STA. 61+00 TO STA. 67+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(12R/RS-1	EFFINGHAM	54	25
				CONTRACT NO. 74430
ILLINOIS FED. AID PROJECT				








LEGEND

-  BARRICADE OR DRUM W/STEADY BURNING LIGHT
-  BARRICADE OR DRUM W/FLASHING LIGHT
-  BARRICADE OR DRUM
-  FLAGGER
-  WORK AREA

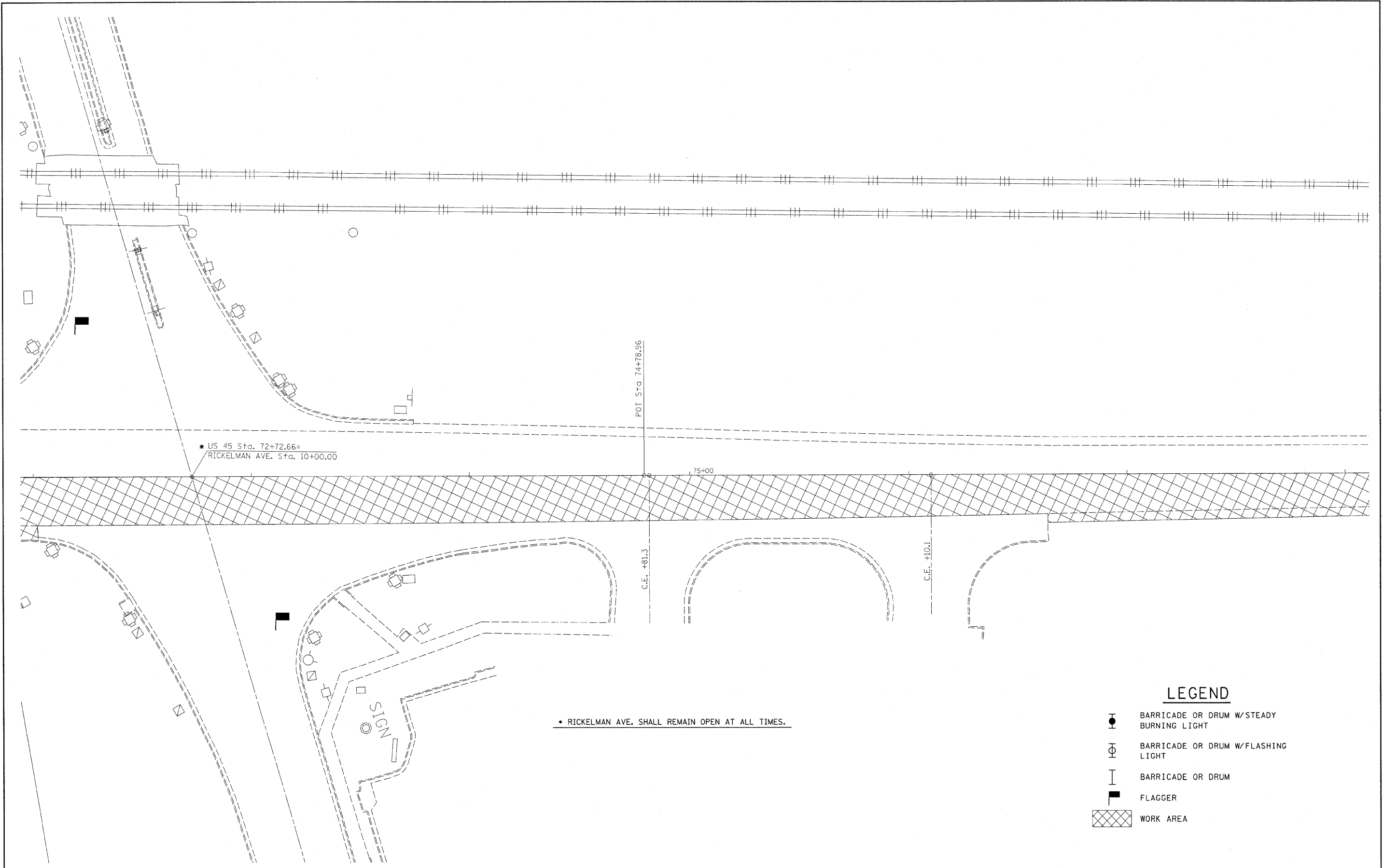
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	PLOT SCALE = 20.0000 1/ IN.	CHECKED -	REVISED -		CONTRACT NO. 74430							
	PLOT DATE = 12/11/2009	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							








LEGEND

-  BARRICADE OR DRUM W/STEADY BURNING LIGHT
-  BARRICADE OR DRUM W/FLASHING LIGHT
-  BARRICADE OR DRUM
-  FLAGGER
-  WORK AREA

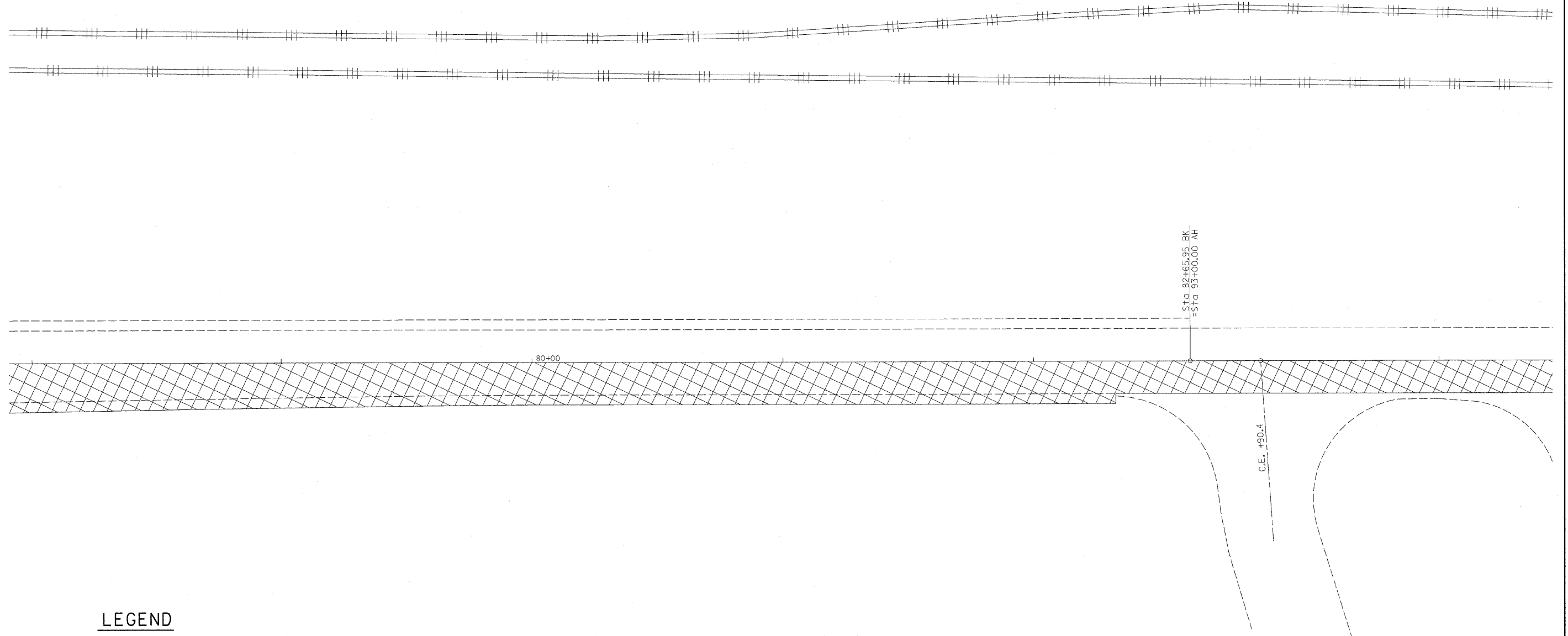
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	PLOT SCALE = 20,0000' / IN.	CHECKED -	REVISED -									
	PLOT DATE = 12/11/2009	DATE -	REVISED -									








LEGEND

-  BARRICADE OR DRUM W/STEADY BURNING LIGHT
-  BARRICADE OR DRUM W/FLASHING LIGHT
-  BARRICADE OR DRUM
-  FLAGGER
-  WORK AREA

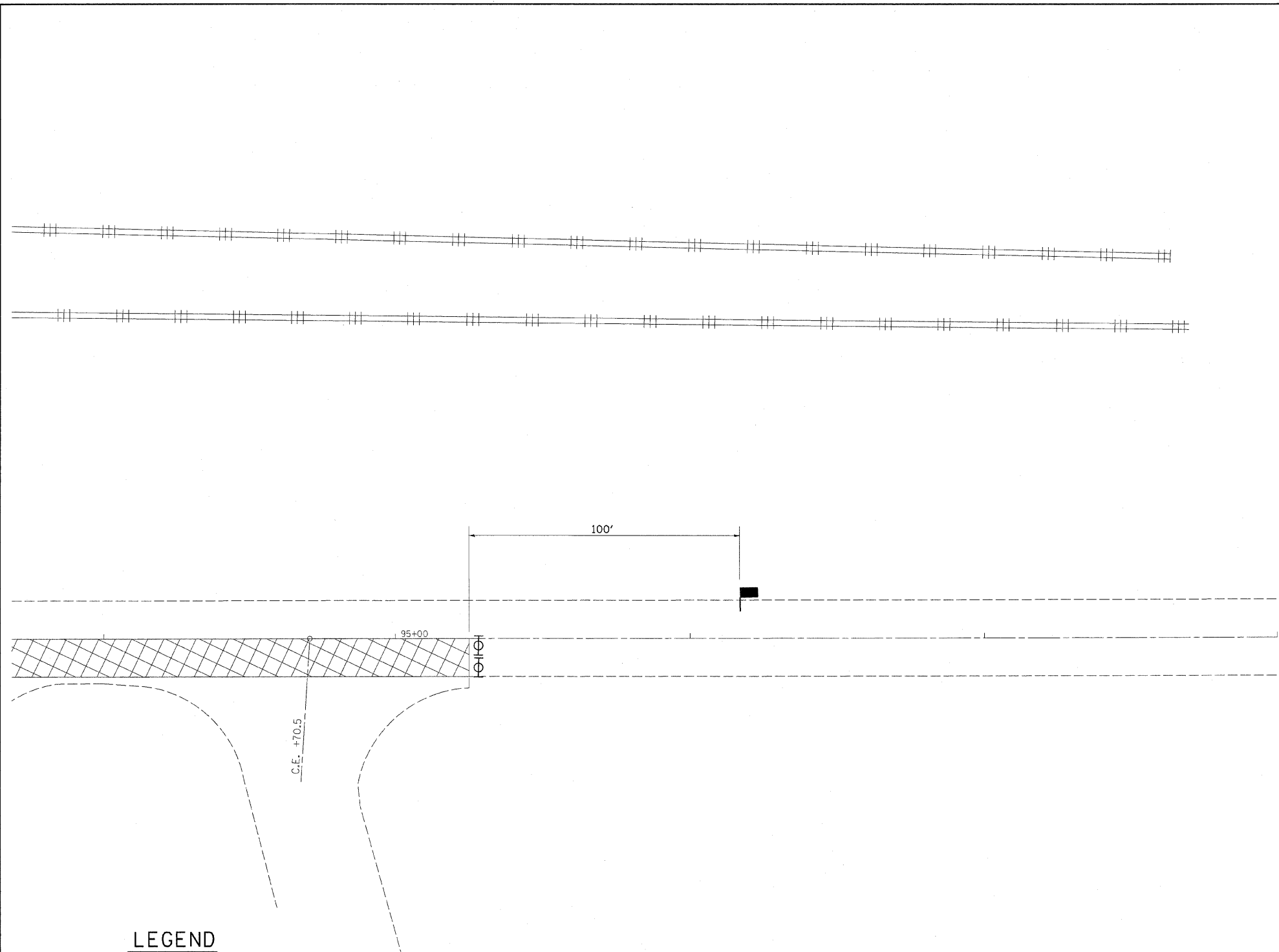
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ca\p\work\p\dot\swartzw\48166672\477430-sh1-stg1.dgn		DRAWN -	REVISED -		SCALE: 20	SHEET NO. 2 OF 4 SHEETS	STA. 72+00 TO STA. 78+00	328	(12RRS-1)	EFFINGHAM	54	28
PLOT SCALE = 20,0000 / IN.		CHECKED -	REVISED -							CONTRACT NO. 74430		
PLOT DATE = 12/11/2009		DATE -	REVISED -							ILLINOIS FED. AID PROJECT		








LEGEND

-  BARRICADE OR DRUM W/STEADY BURNING LIGHT
-  BARRICADE OR DRUM W/FLASHING LIGHT
-  BARRICADE OR DRUM
-  FLAGGER
-  WORK AREA

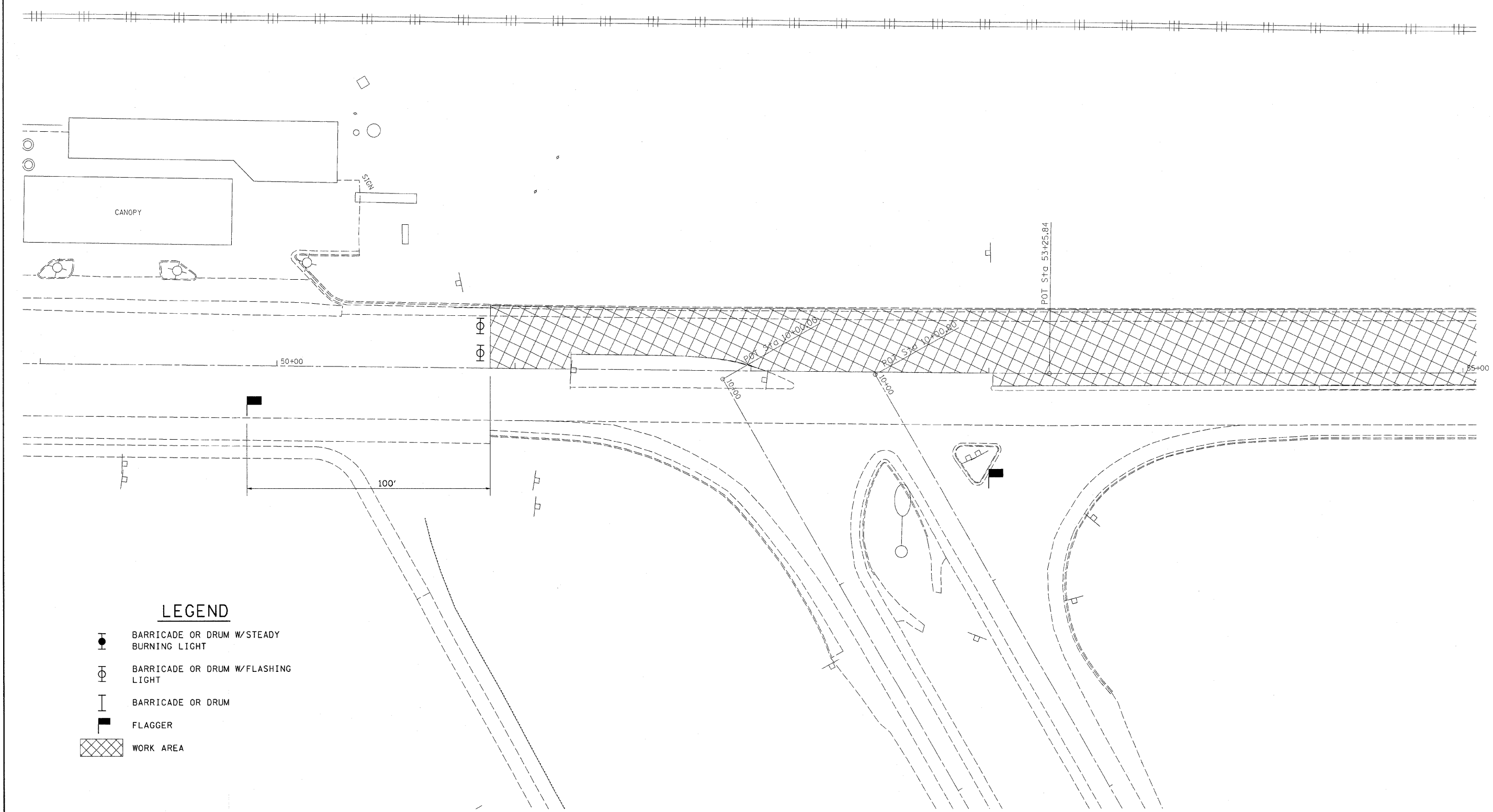
FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1B TRAFFIC CONTROL TC&P STD 701206			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cd:\pw_work\pwidot\swartzw\d0168672\d774430-sh1-stg1.dgn		DRAWN -	REVISED -		328	(12)RIS-1	EFFINGHAM	54	29			
PLOT SCALE = 20.0000 // IN.		CHECKED -	REVISED -		CONTRACT NO. 74430			ILLINOIS FED. AID PROJECT				
PLOT DATE = 12/11/2009		DATE -	REVISED -		SCALE: 20	SHEET NO. 3 OF 4 SHEETS	STA. 78+00 TO STA. 94+00					








LEGEND

-  BARRICADE OR DRUM W/STEADY BURNING LIGHT
-  BARRICADE OR DRUM W/FLASHING LIGHT
-  BARRICADE OR DRUM
-  FLAGGER
-  WORK AREA

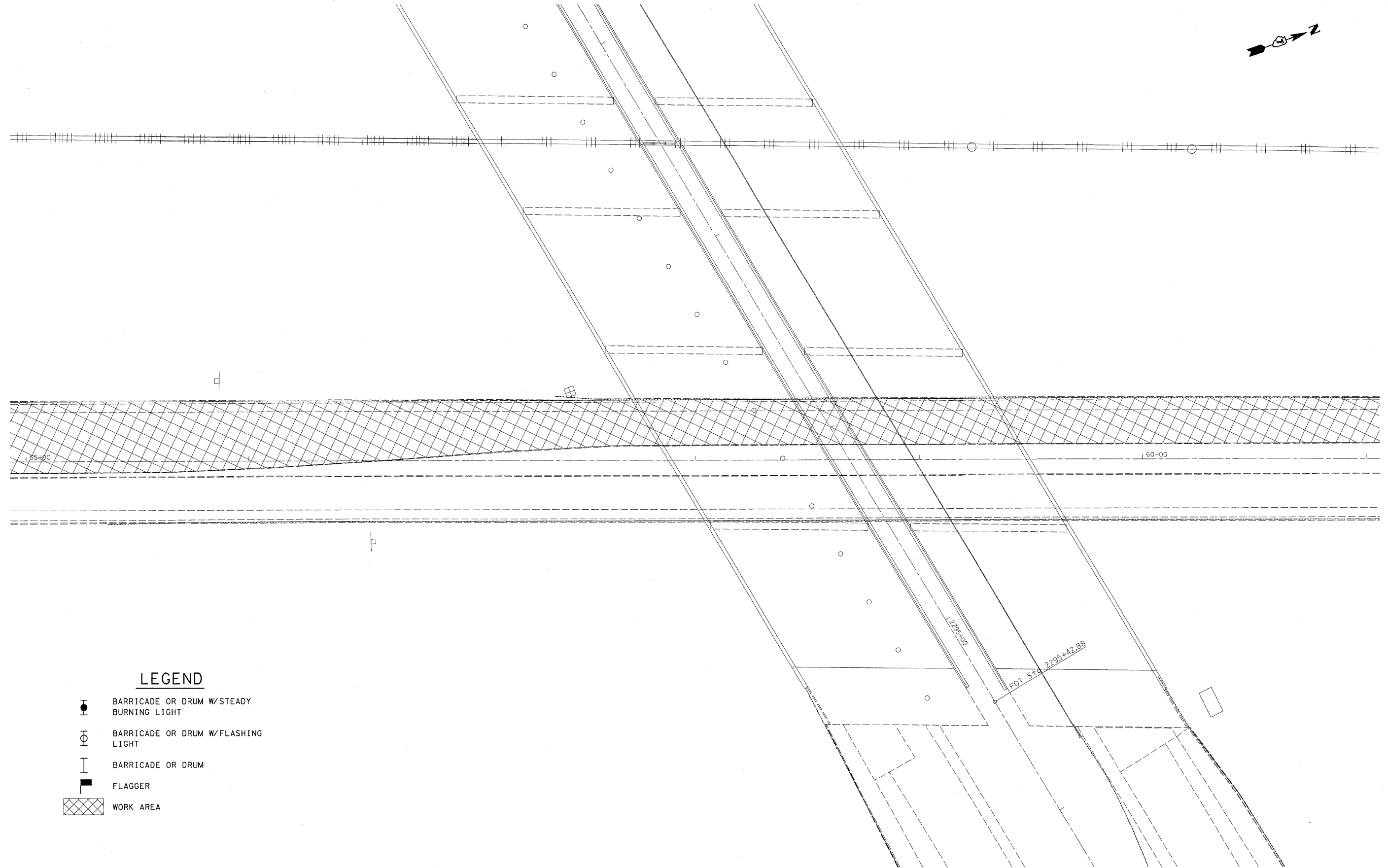
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ct:\pw_work\pwidot\swartzw\d0168672\d774	430-shs-stg\ldgn	DRAWN -	REVISED -		328	(12R)RS-1	EFFINGHAM	54	30			
PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -	SCALE: 20		SHEET NO. 4 OF 4 SHEETS	STA. 94+00	TO STA. 98+00	ILLINOIS FED. AID PROJECT				
PLOT DATE = 12/11/2009	DATE -	REVISED -						CONTRACT NO. 74430				








LEGEND

-  BARRICADE OR DRUM W/STEADY BURNING LIGHT
-  BARRICADE OR DRUM W/FLASHING LIGHT
-  BARRICADE OR DRUM
-  FLAGGER
-  WORK AREA

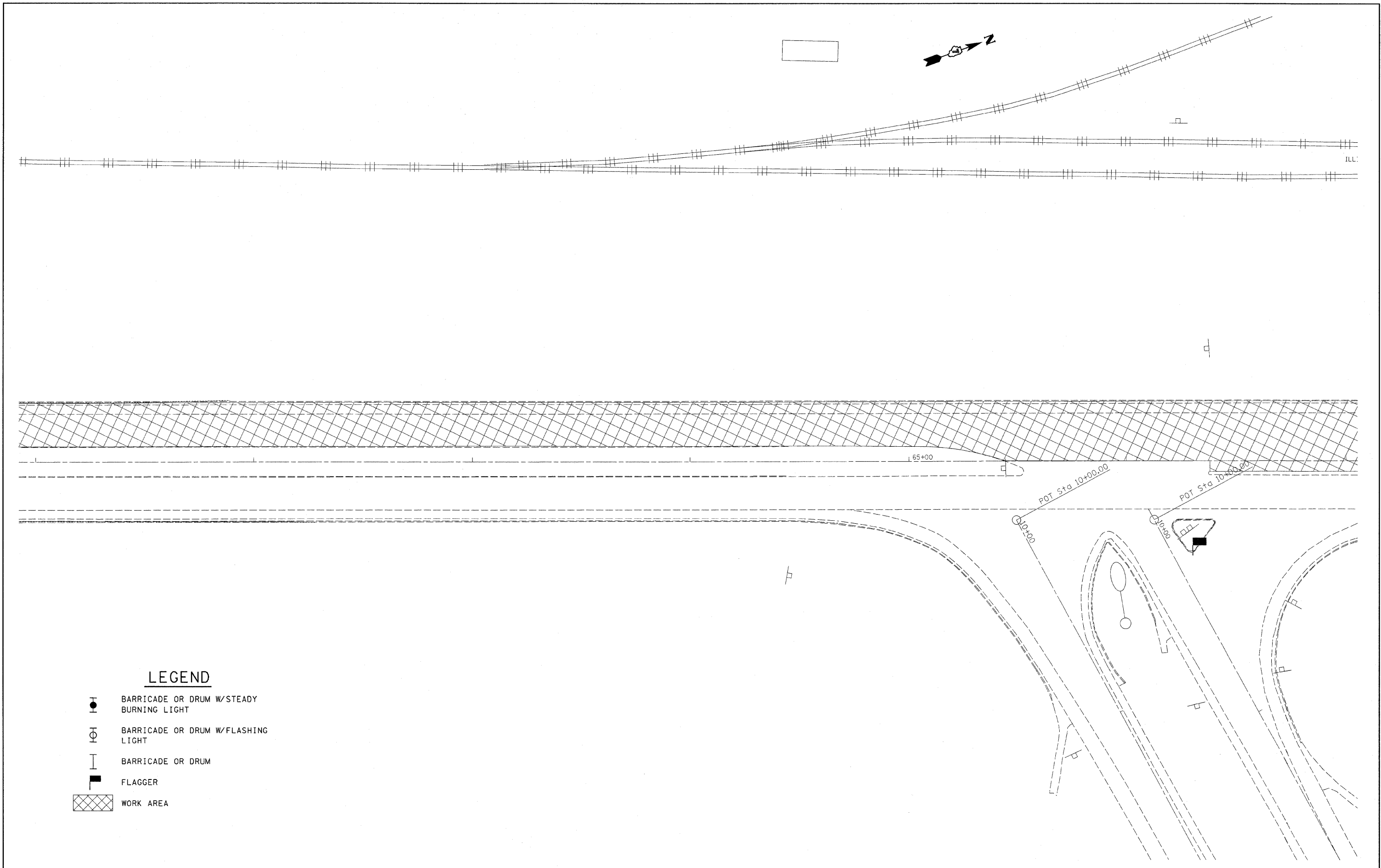
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PLOT SCALE = 20.0000 "/> <td>CHECKED -</td> <td>REVISED -</td> <td>SCALE: 20</td> <td>SHEET NO. 1 OF 4 SHEETS</td> <td>STA. 49+00 TO STA. 55+00</td> <td colspan="2">CONTRACT NO. 74430</td> <td colspan="2">ILLINOIS FED. AID PROJECT</td>		CHECKED -	REVISED -		SCALE: 20	SHEET NO. 1 OF 4 SHEETS	STA. 49+00 TO STA. 55+00	CONTRACT NO. 74430		ILLINOIS FED. AID PROJECT		
PLOT DATE = 12/11/2009		DATE -	REVISED -									








LEGEND

-  BARRICADE OR DRUM W/STEADY BURNING LIGHT
-  BARRICADE OR DRUM W/FLASHING LIGHT
-  BARRICADE OR DRUM
-  FLAGGER
-  WORK AREA

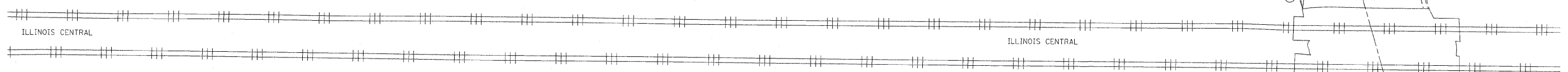
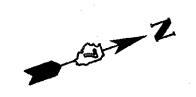
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ca\pw_work\PWIDOT\SWARTZRW\d0168672\d7	4430-shr-stg2.dgn	DRAWN -	REVISED -			328	(12R)RS-1	EFFINGHAM	54	32	
	PLOT SCALE = 20,0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 74430					
	PLOT DATE = 12/11/2009	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: 20	SHEET NO. 2 OF 4 SHEETS		STA. 55+00 TO STA. 61+00			



LEGEND

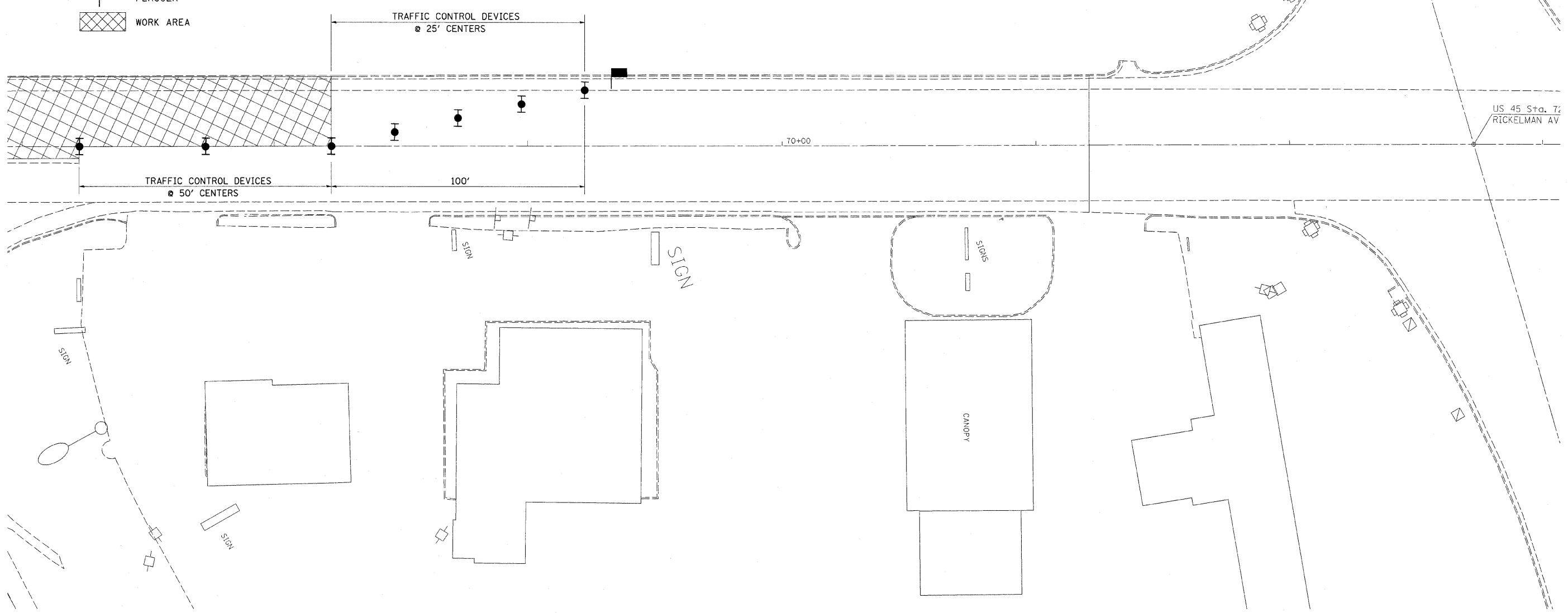
-  BARRICADE OR DRUM W/STEADY BURNING LIGHT
-  BARRICADE OR DRUM W/FLASHING LIGHT
-  BARRICADE OR DRUM
-  FLAGGER
-  WORK AREA

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 2A TRAFFIC CONTROL TC&P STD 701206		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\PWIDOT\SWARTZRW\d8168672\d7	4430-ah-t-stg2.dgn	DRAWN -	REVISED -		328	(12)RS-1	EFFINGHAM	54	33		
	PLOT SCALE = 20.0000 "/ IN.	CHECKED -	REVISED -		SCALE: 20 SHEET NO. 3 OF 4 SHEETS STA. 61+00 TO STA. 67+00		CONTRACT NO. 74430		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 12/11/2009	DATE -	REVISED -								

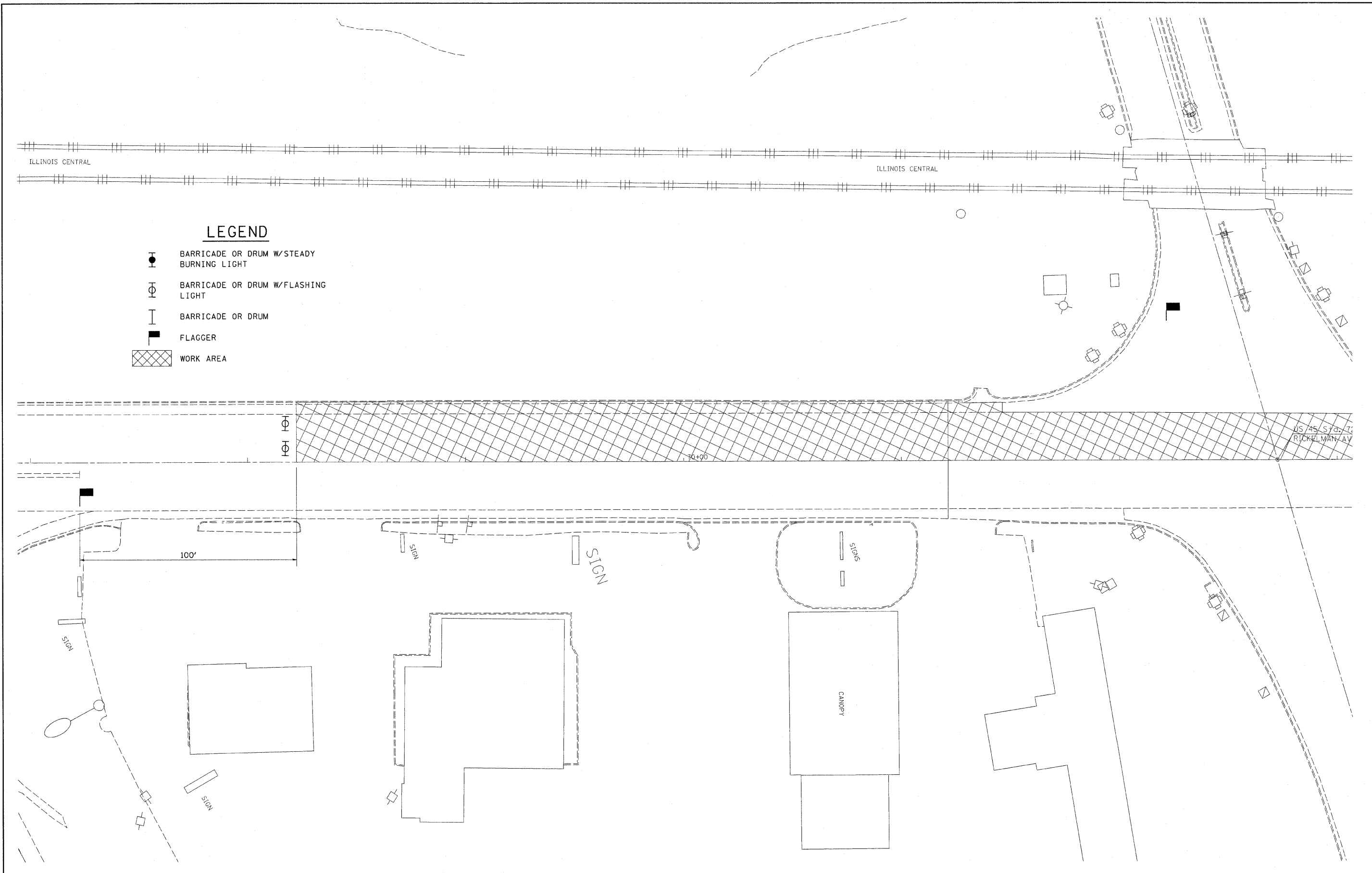


LEGEND






- BARRICADE OR DRUM W/STEADY BURNING LIGHT
- BARRICADE OR DRUM W/FLASHING LIGHT
- BARRICADE OR DRUM
- FLAGGER
- WORK AREA



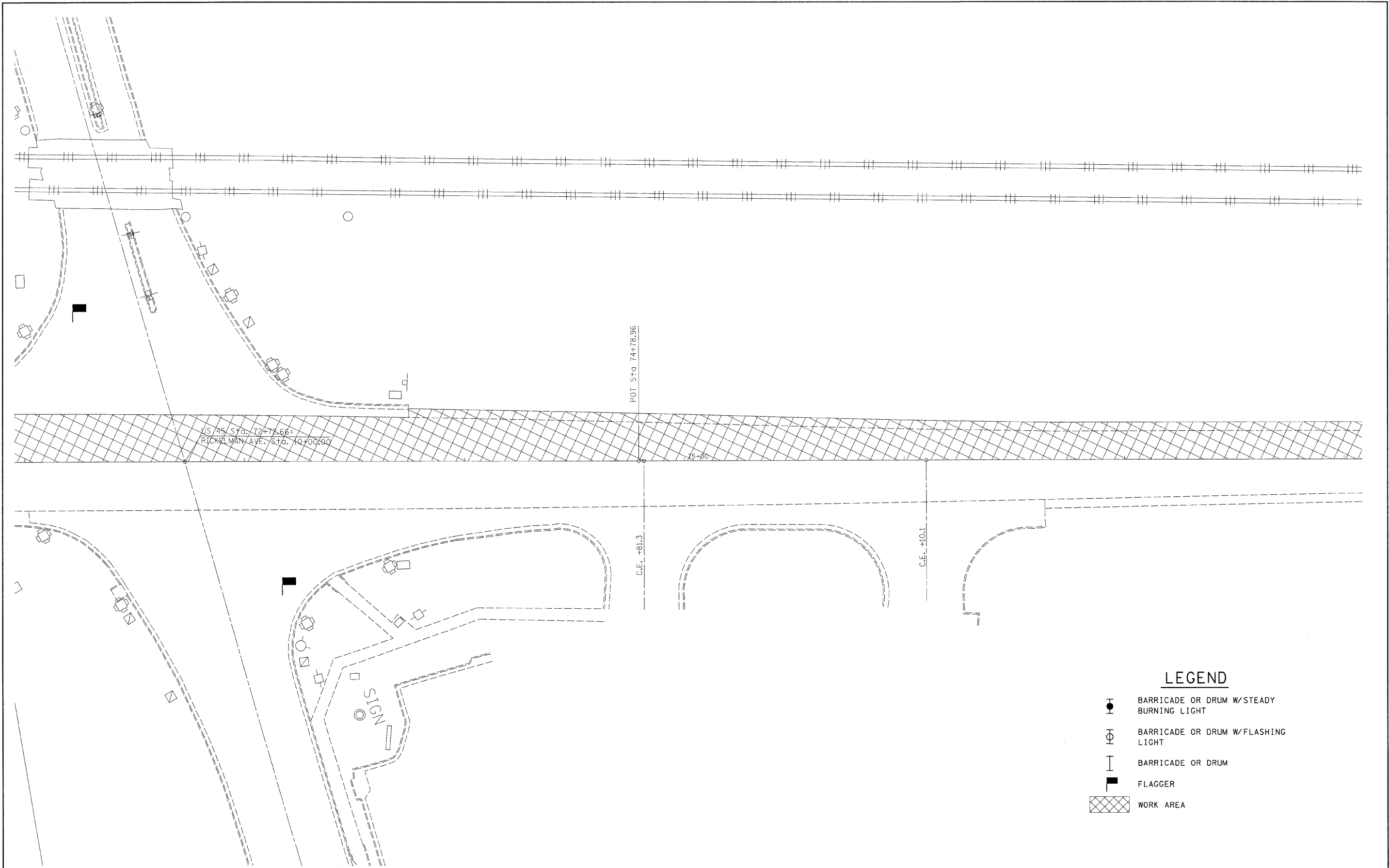
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PLOT SCALE = 20,0000 "/ IN.		CHECKED -	REVISED -		SCALE: 20	SHEET NO. 4 OF 4 SHEETS	STA. 67+00 TO STA. 73+00	CONTRACT NO. 74430		ILLINOIS FED. AID PROJECT		
PLOT DATE = 12/11/2009		DATE -	REVISED -									








LEGEND

-  BARRICADE OR DRUM W/STEADY BURNING LIGHT
-  BARRICADE OR DRUM W/FLASHING LIGHT
-  BARRICADE OR DRUM
-  FLAGGER
-  WORK AREA

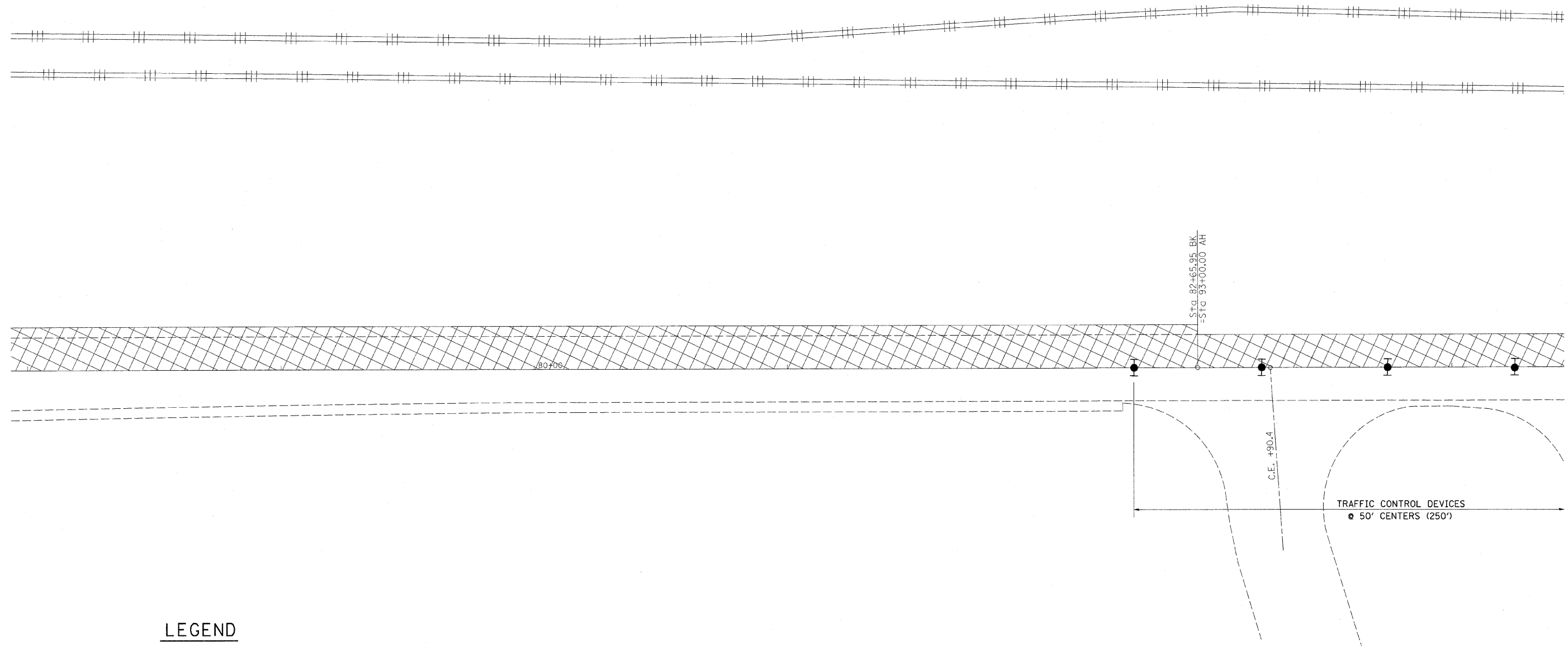
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PLOT SCALE = 28.0000 "/ IN.		CHECKED -	REVISED -		SCALE: 20	SHEET NO. 1 OF 4 SHEETS	STA. 67+00 TO STA. 73+00	CONTRACT NO. 74430		ILLINOIS FED. AID PROJECT		
PLOT DATE = 12/11/2009		DATE -	REVISED -									








LEGEND

-  BARRICADE OR DRUM W/STEADY BURNING LIGHT
-  BARRICADE OR DRUM W/FLASHING LIGHT
-  BARRICADE OR DRUM
-  FLAGGER
-  WORK AREA

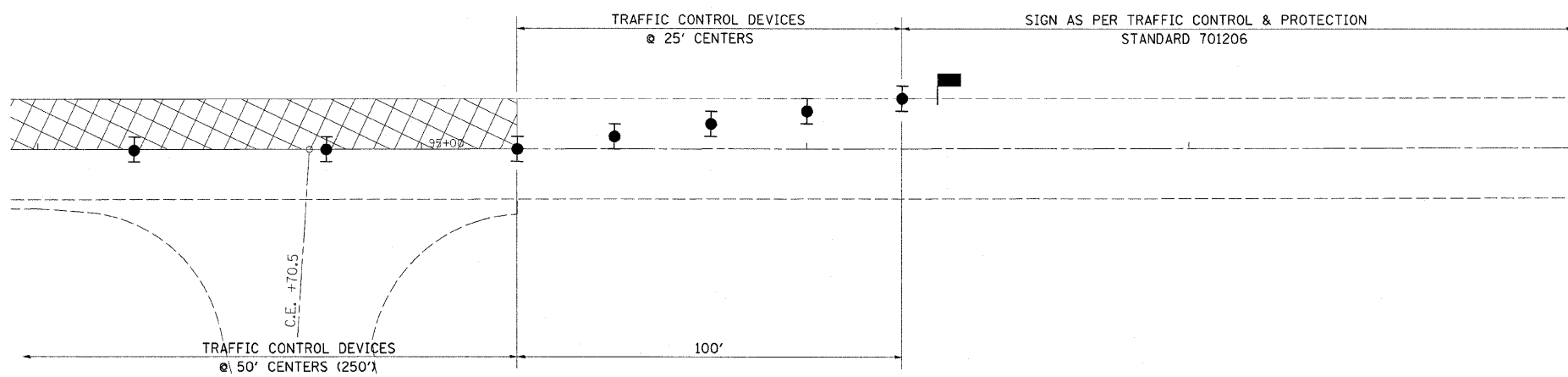
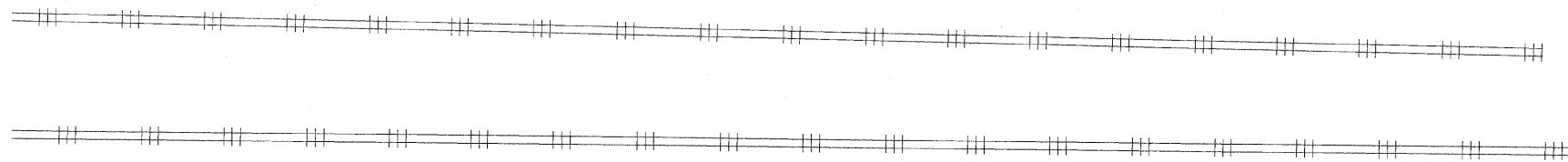
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	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -		SCALE: 20	SHEET NO. 2 OF 4 SHEETS	STA. 72+00	TO STA. 78+00	CONTRACT NO. 74430			
	PLOT DATE = 12/11/2009	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							








LEGEND

-  BARRICADE OR DRUM W/STEADY BURNING LIGHT
-  BARRICADE OR DRUM W/FLASHING LIGHT
-  BARRICADE OR DRUM
-  FLAGGER
-  WORK AREA

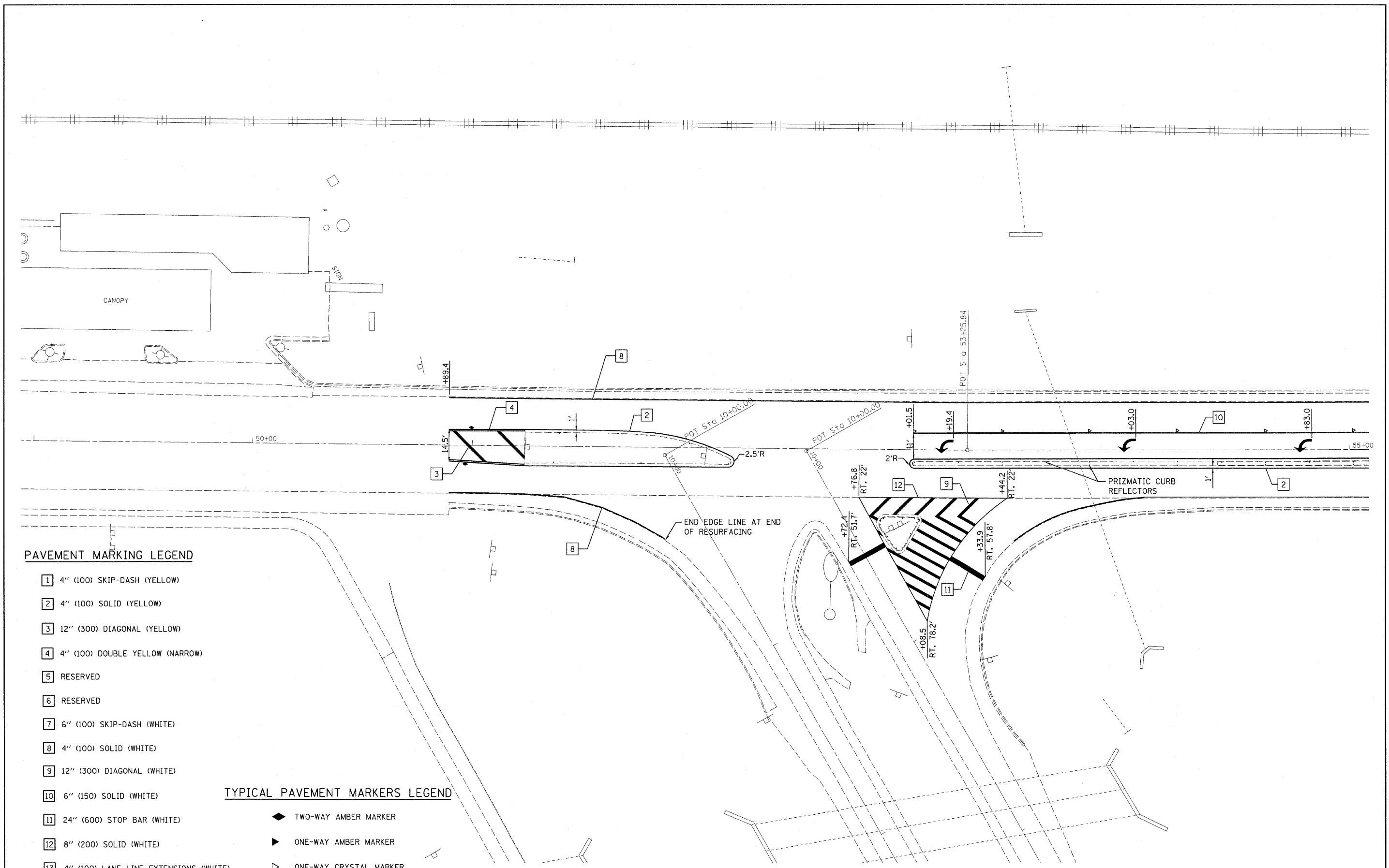
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	4438-shr-stg2.dgn	DRAWN -	REVISED -					328	(12)RS-1	EFFINGHAM	54	37
PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 74430									
PLOT DATE = 12/11/2009	DATE -	REVISED -	SCALE: 20		SHEET NO. 3 OF 4 SHEETS	STA. 78+00	TO STA. 94+00	ILLINOIS FED. AID PROJECT				



LEGEND

-  BARRICADE OR DRUM W/STEADY BURNING LIGHT
-  BARRICADE OR DRUM W/FLASHING LIGHT
-  BARRICADE OR DRUM
-  FLAGGER
-  WORK AREA

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	4430-sh-t-stg2.dgn	DRAWN -	REVISED -				328	(12R)RS-1	EFFINGHAM	54	38
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -				CONTRACT NO. 74430				
	PLOT DATE = 12/11/2009	DATE -	REVISED -		SCALE: 20	SHEET NO. 4 OF 4 SHEETS	STA. 94+00	TO STA. 98+00	ILLINOIS FED. AID PROJECT		



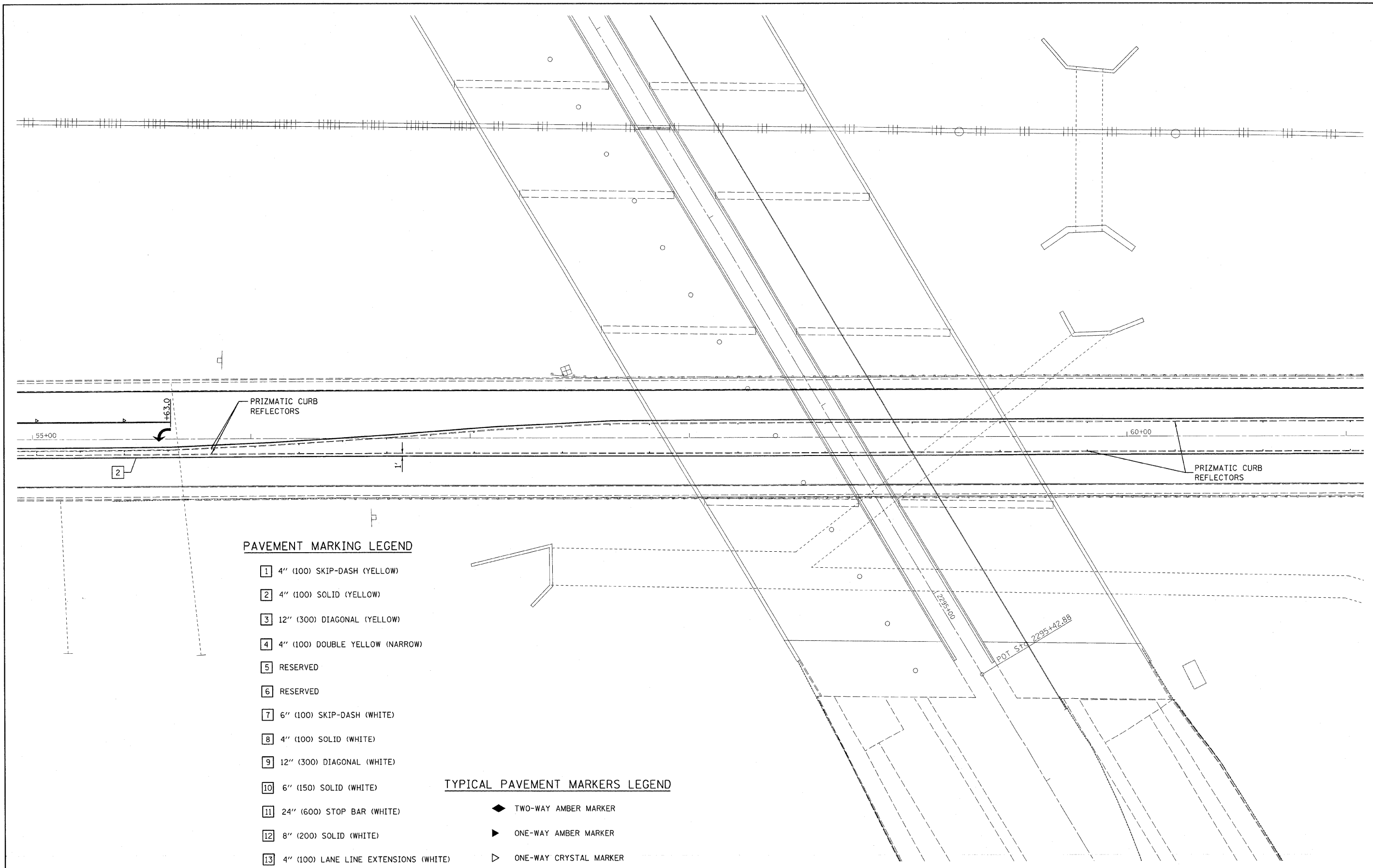
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 6" (100) 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) LANE LINE EXTENSIONS (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 DETAIL SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pwork\PW1001\SWARTZRW\d0168672\d7	4438-shr-striping.dgn	DRAWN -	REVISED -		SCALE: 20	SHEET NO. 1 OF 7 SHEETS	STA. 49+00	TO STA. 55+00	328	(12)RIS-1	EFFINGHAM	54	39
	PLOT SCALE = 28,0000 ' / IN.	CHECKED -	REVISED -										
	PLOT DATE = 12/11/2009	DATE -	REVISED -										
ILLINOIS FED. AID PROJECT											CONTRACT NO. 74430		



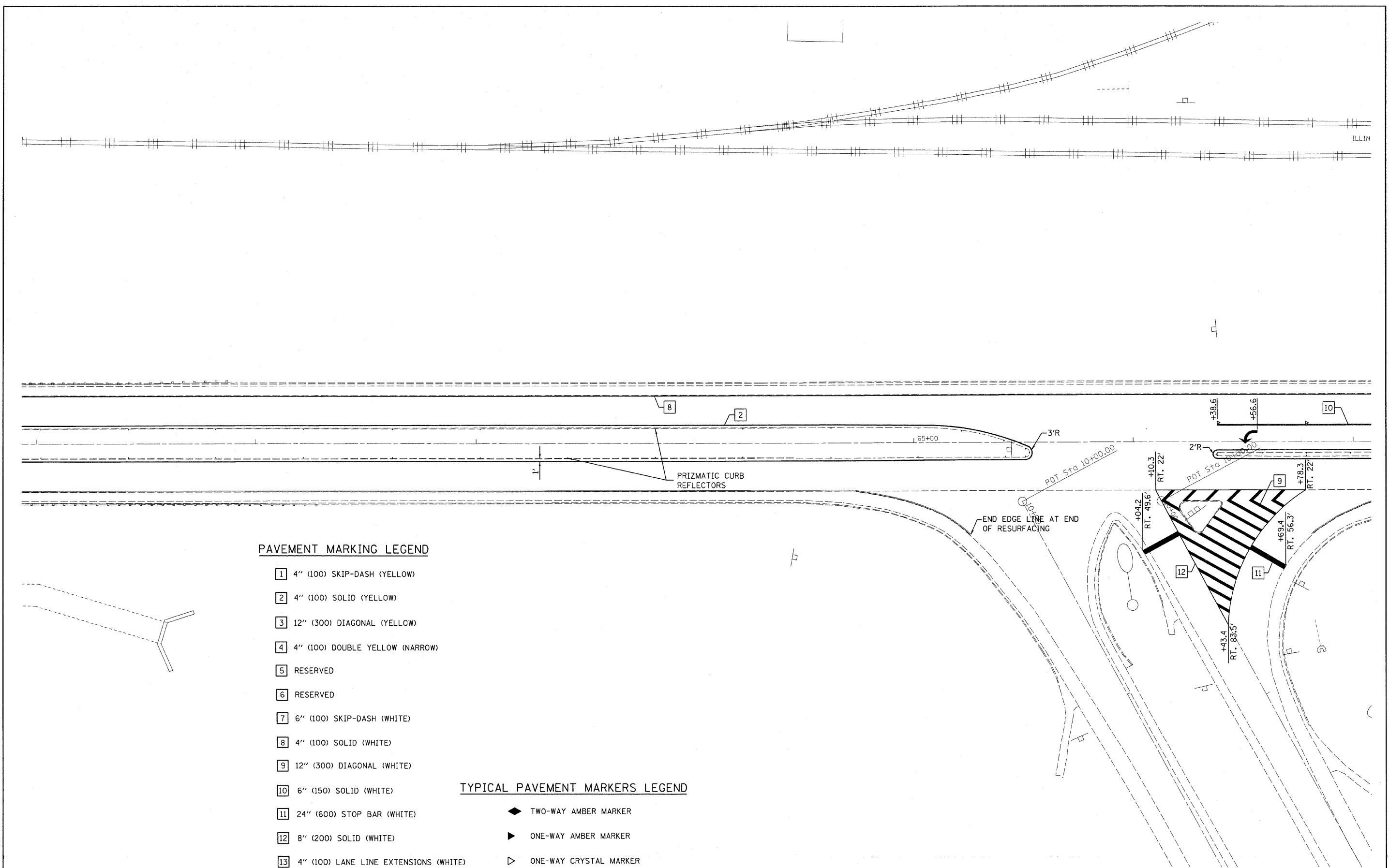
PAVEMENT MARKING LEGEND

- 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" (100) 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) LANE LINE EXTENSIONS (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 DETAIL SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwwork\pwwid\swartzw\d0168672\d7	4438-shr-striping.dgn	DRAWN -	REVISED -		SCALE: 20	SHEET NO. 2 OF 7 SHEETS	STA. 55+00	TO STA. 61+00	328	(12R)RS-1	EFFINGHAM	54	40
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -										
	PLOT DATE = 12/11/2009	DATE -	REVISED -										
ILLINOIS FED. AID PROJECT											CONTRACT NO. 74430		



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" (100) 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) LANE LINE EXTENSIONS (WHITE)

TYPICAL PAVEMENT MARKERS LEGEND

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

FILE NAME =
c:\pwork\pwidot\SWARTZRW\d0168672\d7

USER NAME = swartzrw
4430-ah-t-stripping.dgn
PLOT SCALE = 20.0000' / IN.
PLOT DATE = 12/11/2009

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING DETAIL SHEETS

SCALE: 20 SHEET NO. 3 OF 7 SHEETS STA. 61+00 TO STA. 67+00

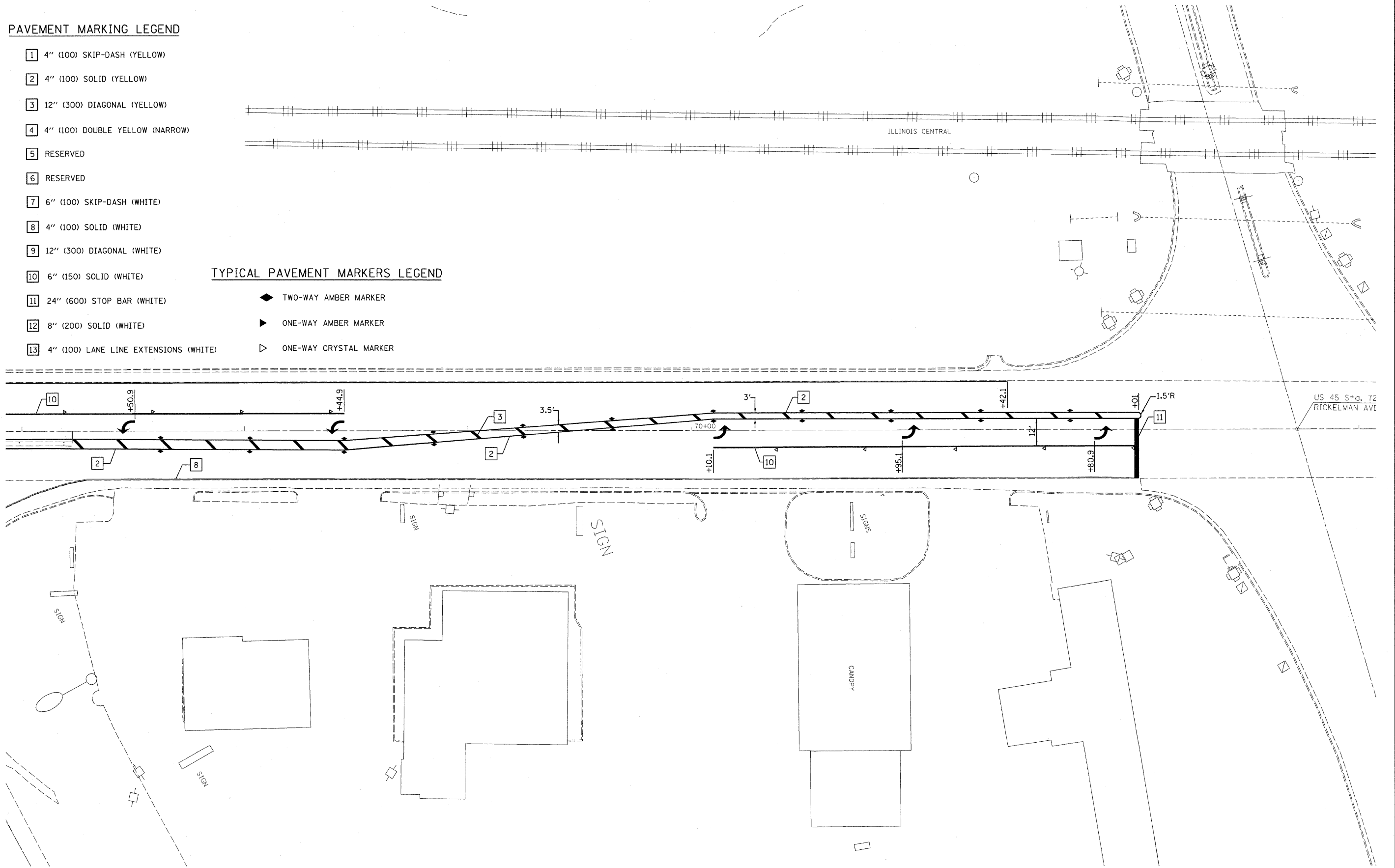
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(12R)RS-1	EFFINGHAM	54	41
CONTRACT NO. 74430				
ILLINOIS FED. AID PROJECT				

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 RESERVED
- 6 RESERVED
- 7 6" (100) 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) LANE LINE EXTENSIONS (WHITE)

TYPICAL PAVEMENT MARKERS LEGEND

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



FILE NAME =	USER NAME = swartzrw
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	PLOT DATE = 12/11/2009

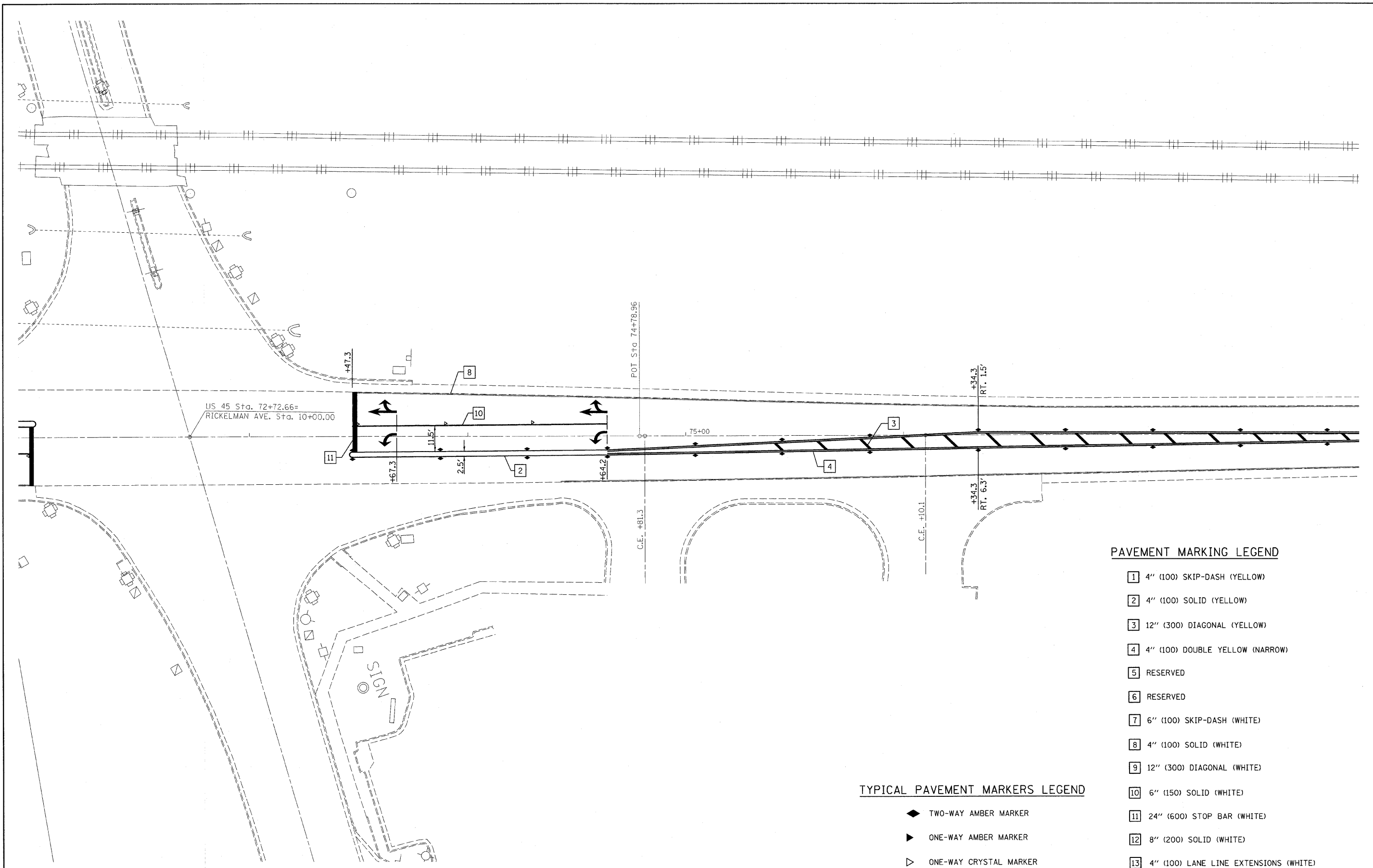
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING DETAIL SHEETS

SCALE: 20 SHEET NO. 4 OF 7 SHEETS STA. 67+00 TO STA. 73+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(12)R/S-1	EFFINGHAM	54	42
CONTRACT NO. 74430				
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 RESERVED
- 6 RESERVED
- 7 6" (100) 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) LANE LINE EXTENSIONS (WHITE)

TYPICAL PAVEMENT MARKERS LEGEND

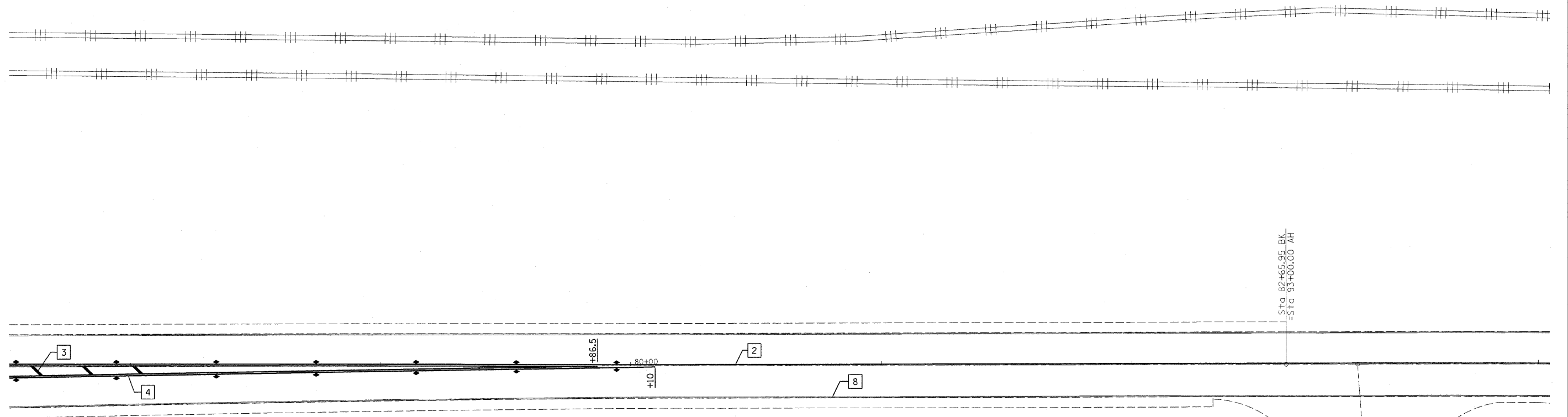
- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -
ca\pw_work\FWIDOT\SWARTZRW\d0168672\d7	4430-shr-striping.dgn	DRAWN -	REVISED -
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING DETAIL SHEETS			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
328	(12RIRS-1)	EFFINGHAM	54
			SHEET NO. 43
CONTRACT NO. 74430			
ILLINOIS FED. AID PROJECT			

SCALE: 20 SHEET NO. 5 OF 7 SHEETS STA. 72+00 TO STA. 78+00



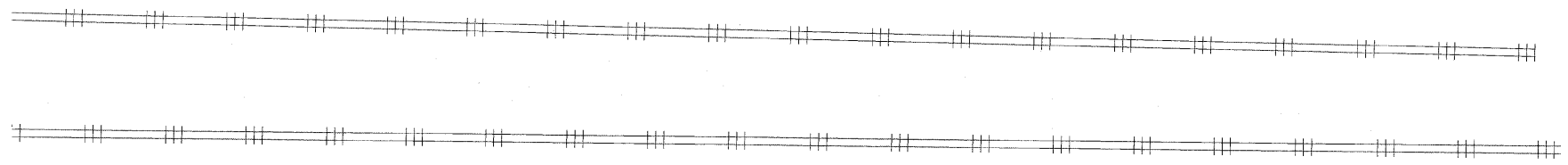
PAVEMENT MARKING LEGEND

- 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" (100) 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) LANE LINE EXTENSIONS (WHITE)

TYPICAL PAVEMENT MARKERS LEGEND

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

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRIPING DETAIL SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\p\work\PW\DOT\SWARTZRW\d0169672\d7	4430-shr-striping.dgn	DRAWN -	REVISED -		SCALE: 20	SHEET NO. 6 OF 7 SHEETS	STA. 78+00	TO STA. 94+00	328	(12)RS-1	EFFINGHAM	54	44
	PLOT SCALE = 20,0000 ' / IN.	CHECKED -	REVISED -					CONTRACT NO. 74430			ILLINOIS FED. AID PROJECT		
	PLOT DATE = 12/11/2009	DATE -	REVISED -										



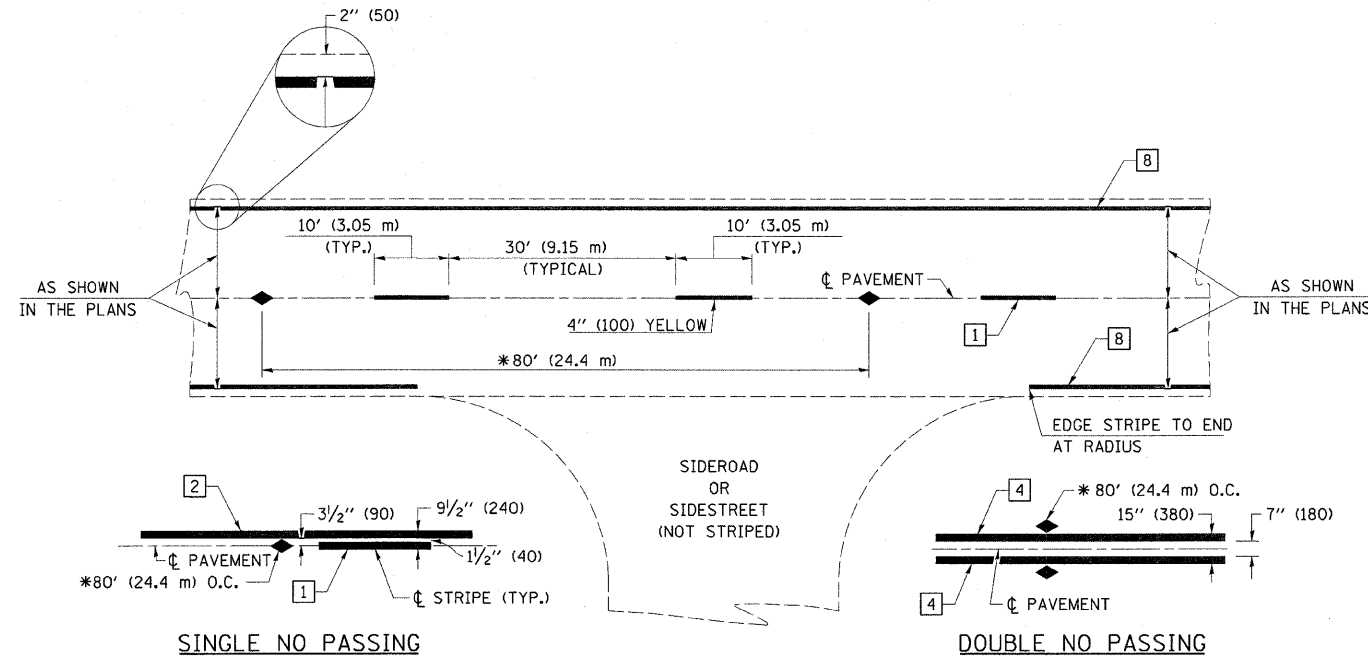
PAVEMENT MARKING LEGEND

- 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" (100) 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) LANE LINE EXTENSIONS (WHITE)

TYPICAL PAVEMENT MARKERS LEGEND

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

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRIPING DETAIL SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\PW1007\SWARTZRW\d0168672\d7	4430-shb-striping.dgn	DRAWN -	REVISED -		SCALE: 20	SHEET NO. 7 OF 7 SHEETS	STA. 94+00 TO STA. 98+00	328	(12)RIS-1	EFFINGHAM	54	45
	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -					CONTRACT NO. 74430				
	PLOT DATE = 12/11/2009	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.

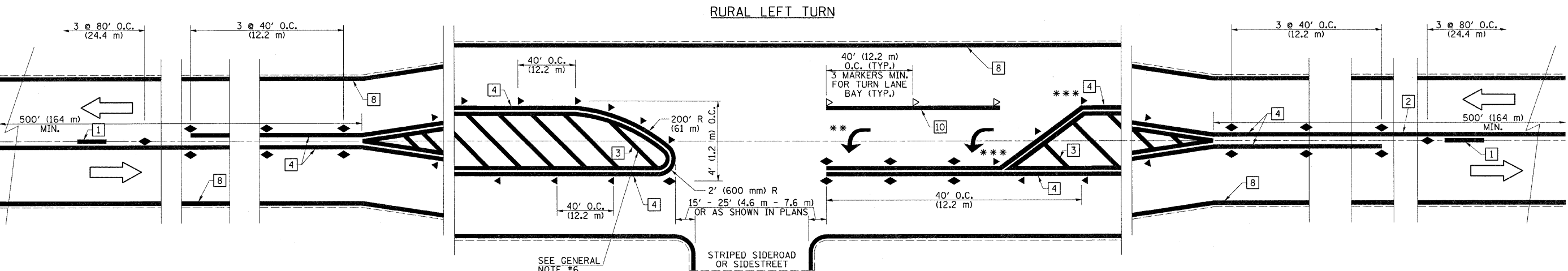
TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKERS LEGEND

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

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) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE



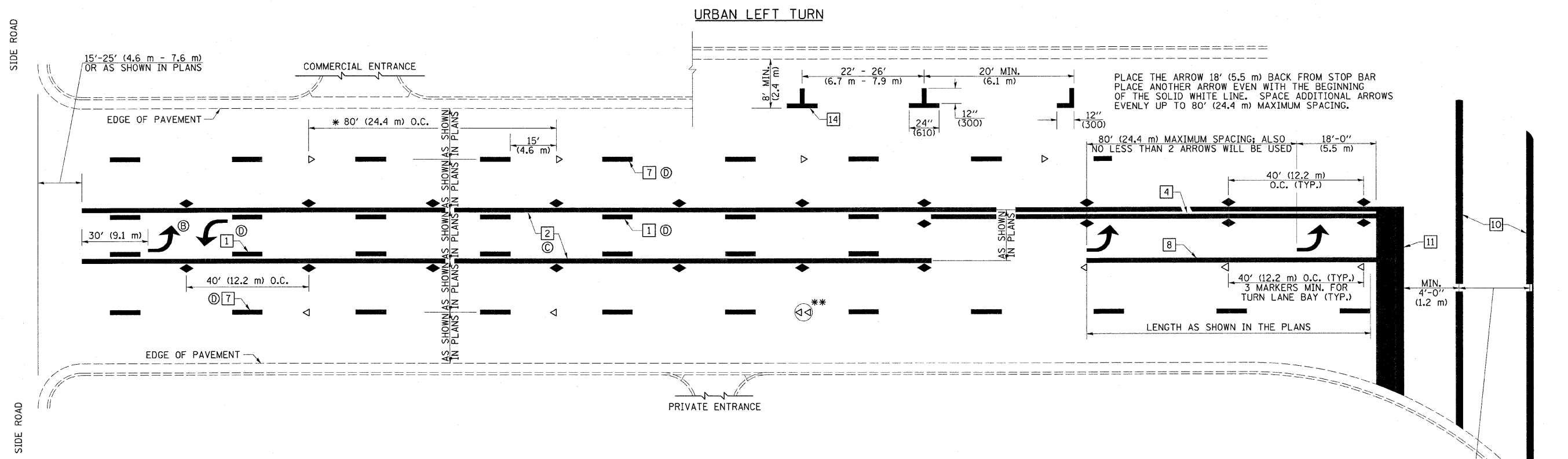
*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

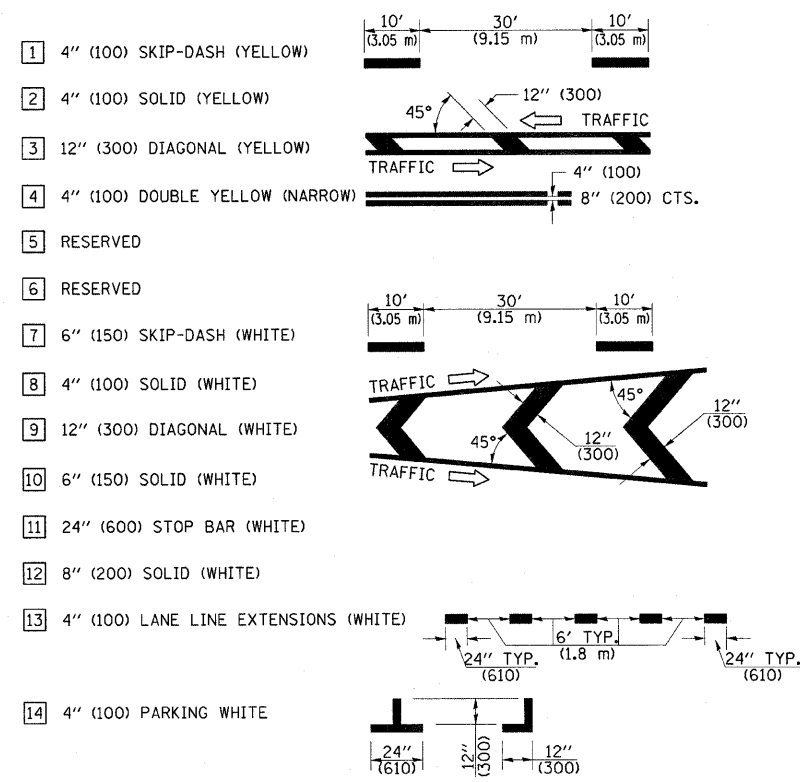
NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800002

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.
ca\pv_work\PWIDOT\SWARTZRW\d8168672\d7	4430-shr-details.dgn	DRAWN -	REVISED -				328	(12R/RS-1)	EFFINGHAM	54	46
	PLOT SCALE = 20.0000 1" = IN.	CHECKED -	REVISED -				CONTRACT NO. 74430				
	PLOT DATE = 12/11/2009	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

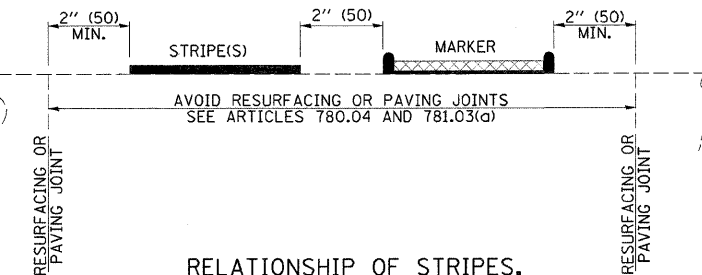


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

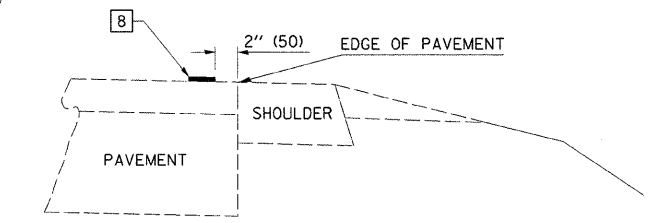
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

GENERAL NOTES

- (B) 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.
- (C) 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.
- (D) 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.
- (E) USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)

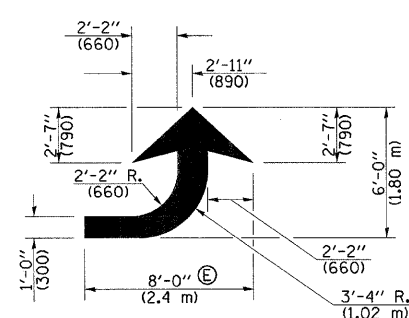


RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

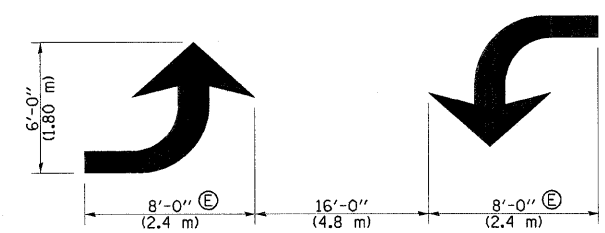


RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT

(SAFETY SHOULDER OR PAVED SURFACE)
SEE ARTICLE 780.04



LEFT ARROW
REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)



TYPICAL DOUBLE TURN ARROWS (WHITE)

NOT TO SCALE

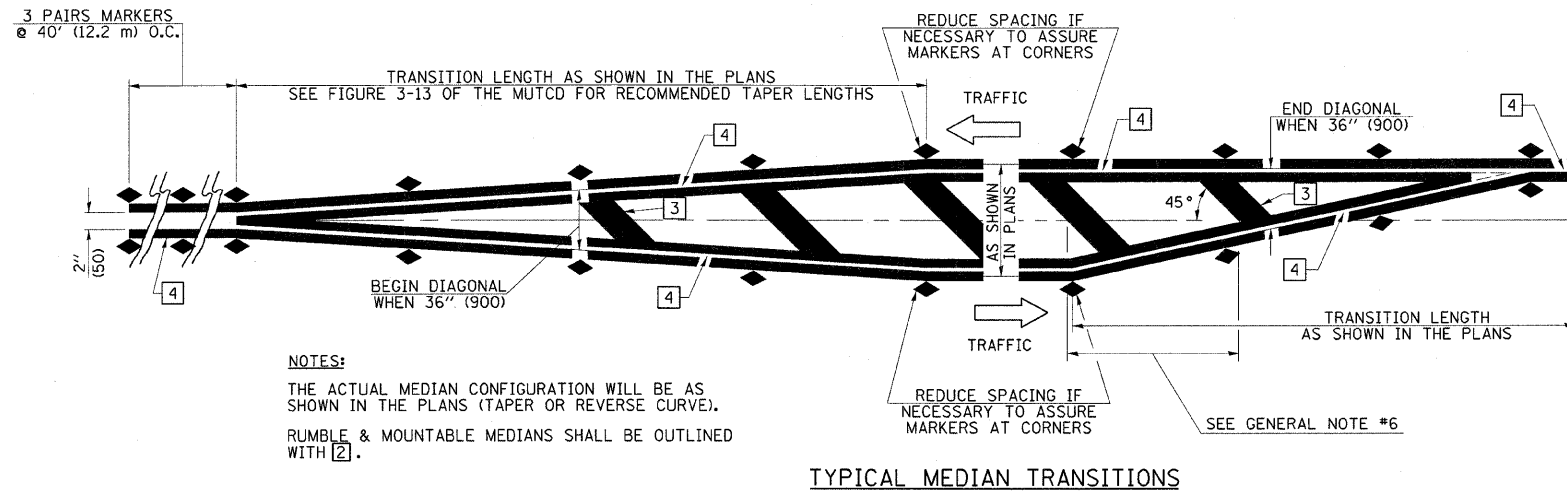
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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.
ca:\pwwork\pww\d01\SWARTZRW\d0168672\d01	4430-sht-details.dgn	DRAWN -	REVISED -			328	(12)RIS-1	EFFINGHAM	54	47
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -			SCALE: NA SHEET NO. 2 OF 4 SHEETS STA. TO STA.		CONTRACT NO. 74430		
PLOT DATE = 12/11/2009		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

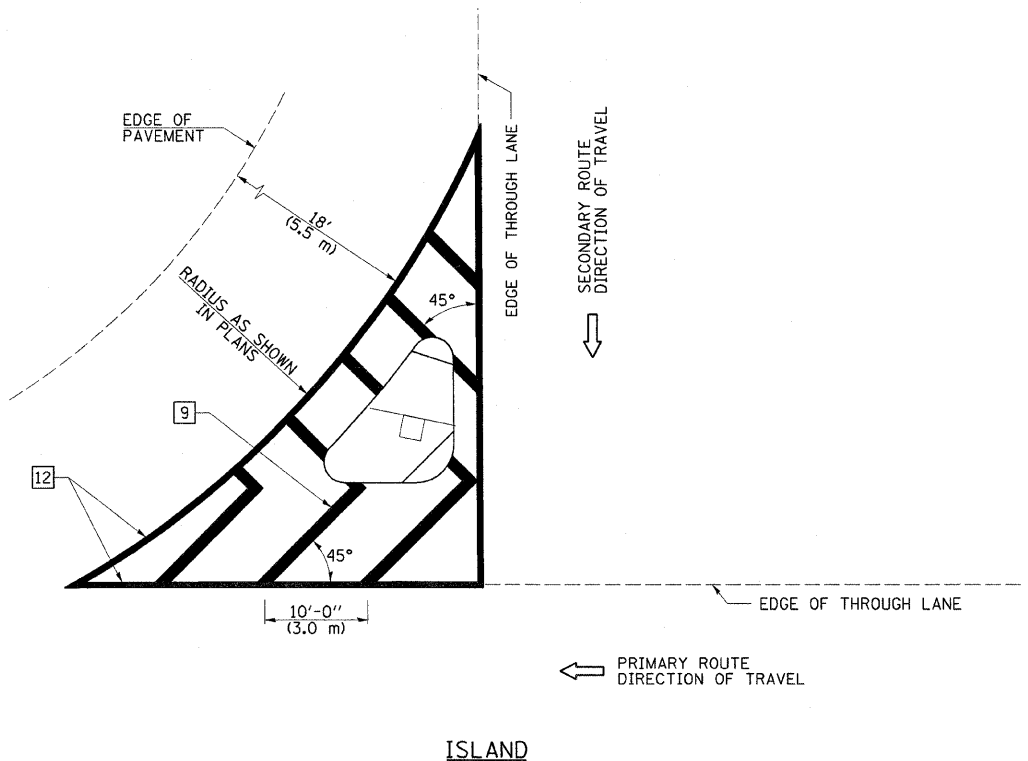
DISTRICT 7 DETAIL NO. 7800002

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) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE



TYPICAL MEDIAN TRANSITIONS



GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
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 USE 15' (< 50 km/h USE 4.5 m)
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800002

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -
4430-sht-details.dgn		DRAWN -	REVISED -
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 12/11/2009		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

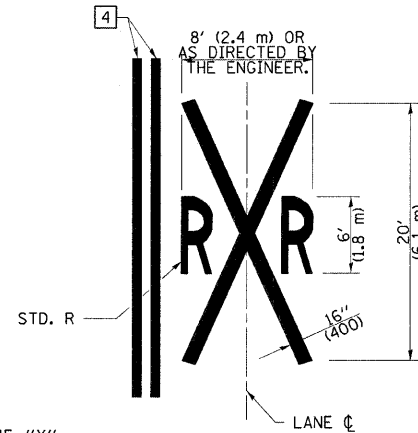
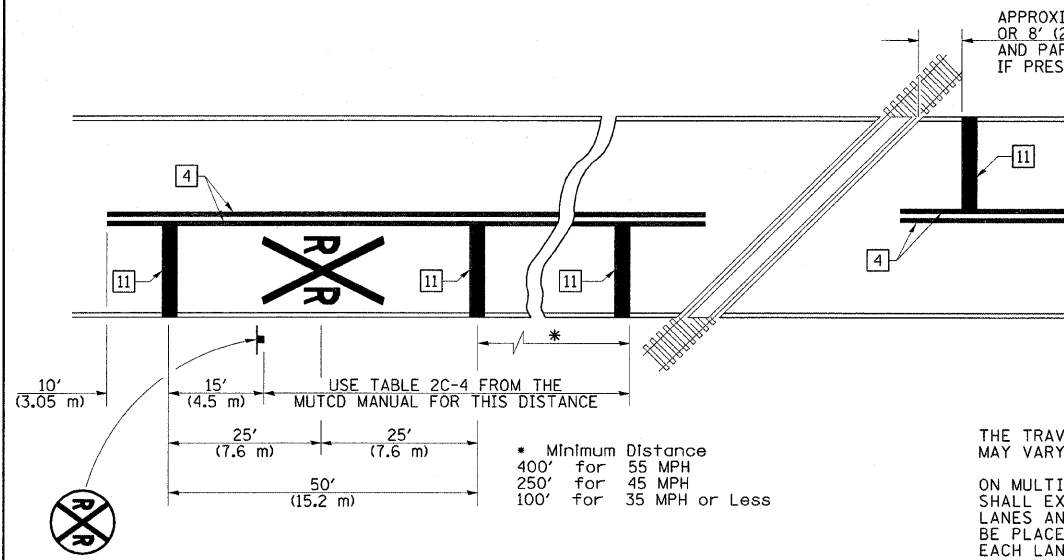
**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(12)RIS-1	EFFINGHAM	54	48
CONTRACT NO. 74430				
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



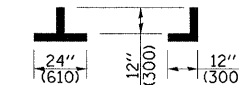
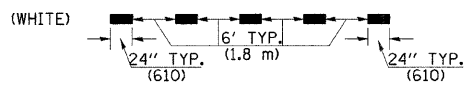
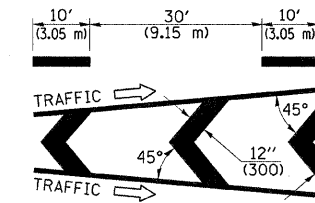
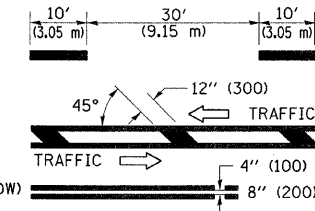
NOTES

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 R X R SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

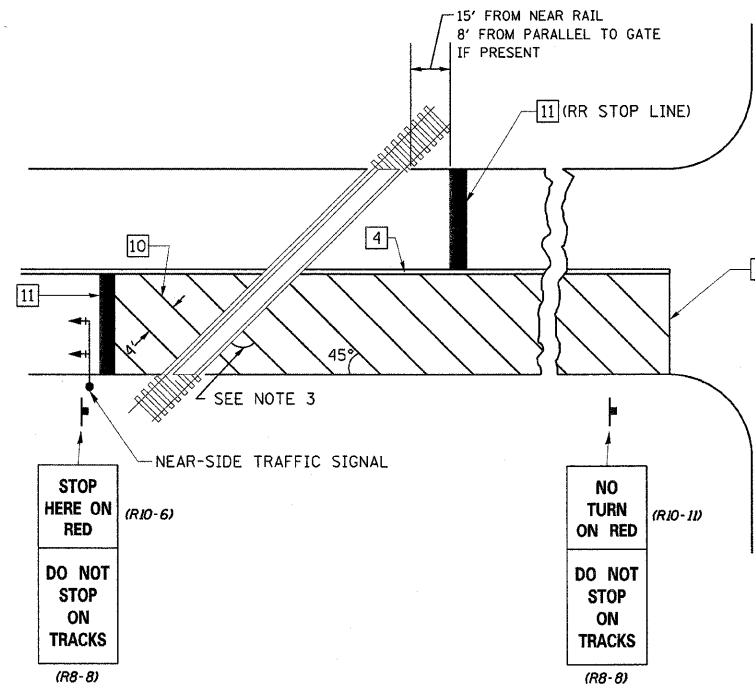
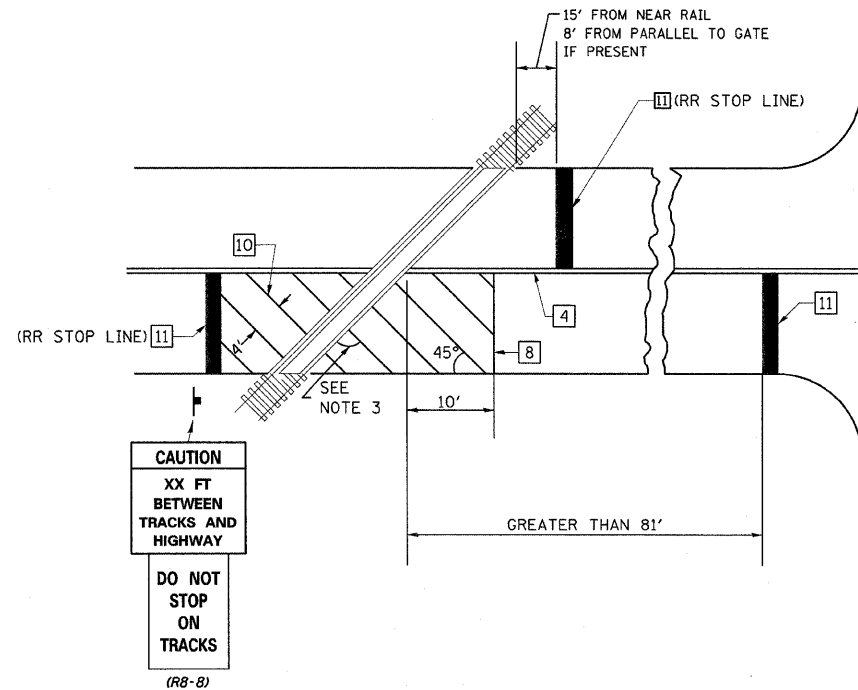
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE 11-1, CONDITION B OF THE MUTCD.

- 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) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE



RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- 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.

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -
c:\pw_work\PM1001\SWARTZR\03168672.dwg	4438-sht-details.dgn	DRAWN -	REVISED -
PLOT SCALE = 28,0000 "/ IN.		CHECKED -	REVISED -
PLOT DATE = 12/11/2009		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

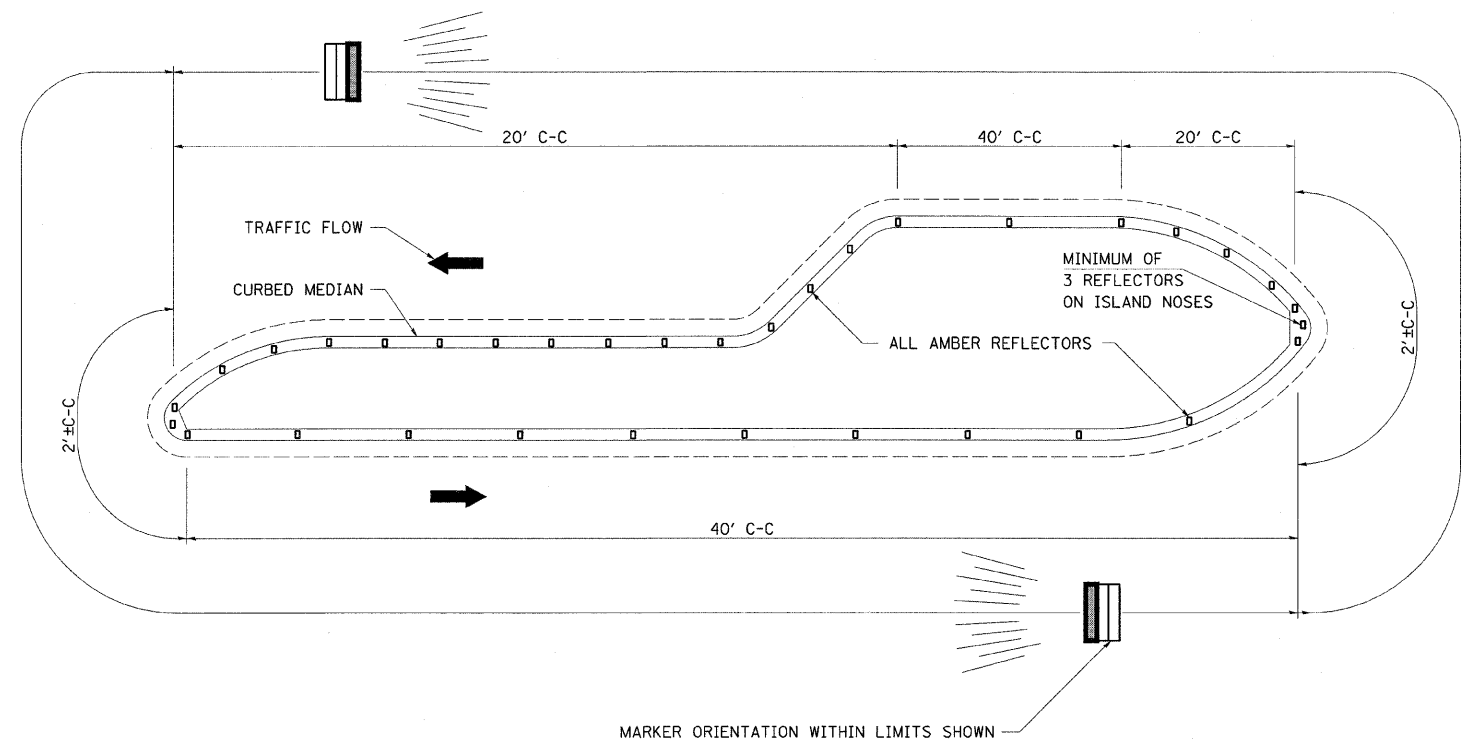
PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)

DISTRICT 7 DETAIL NO. 78000002				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(12)RRS-1	EFFINGHAM	54	49
CONTRACT NO. 74430				
ILLINOIS FED. AID PROJECT				

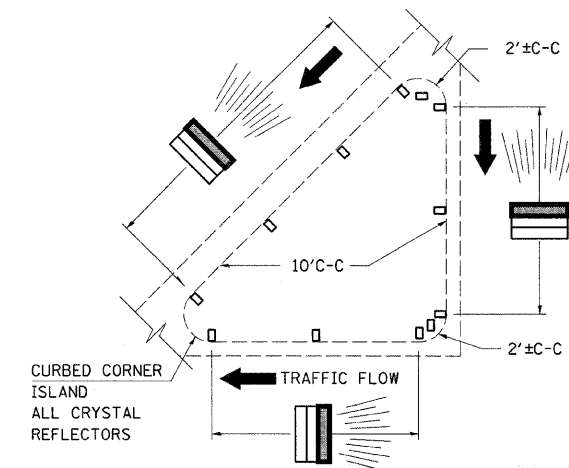
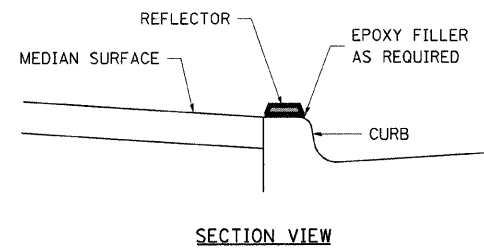
SCALE: NA SHEET NO. 4 OF 4 SHEETS STA. TO STA.

TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON CURBS

(IN UNLIGHTED AREAS)



NO SCALE

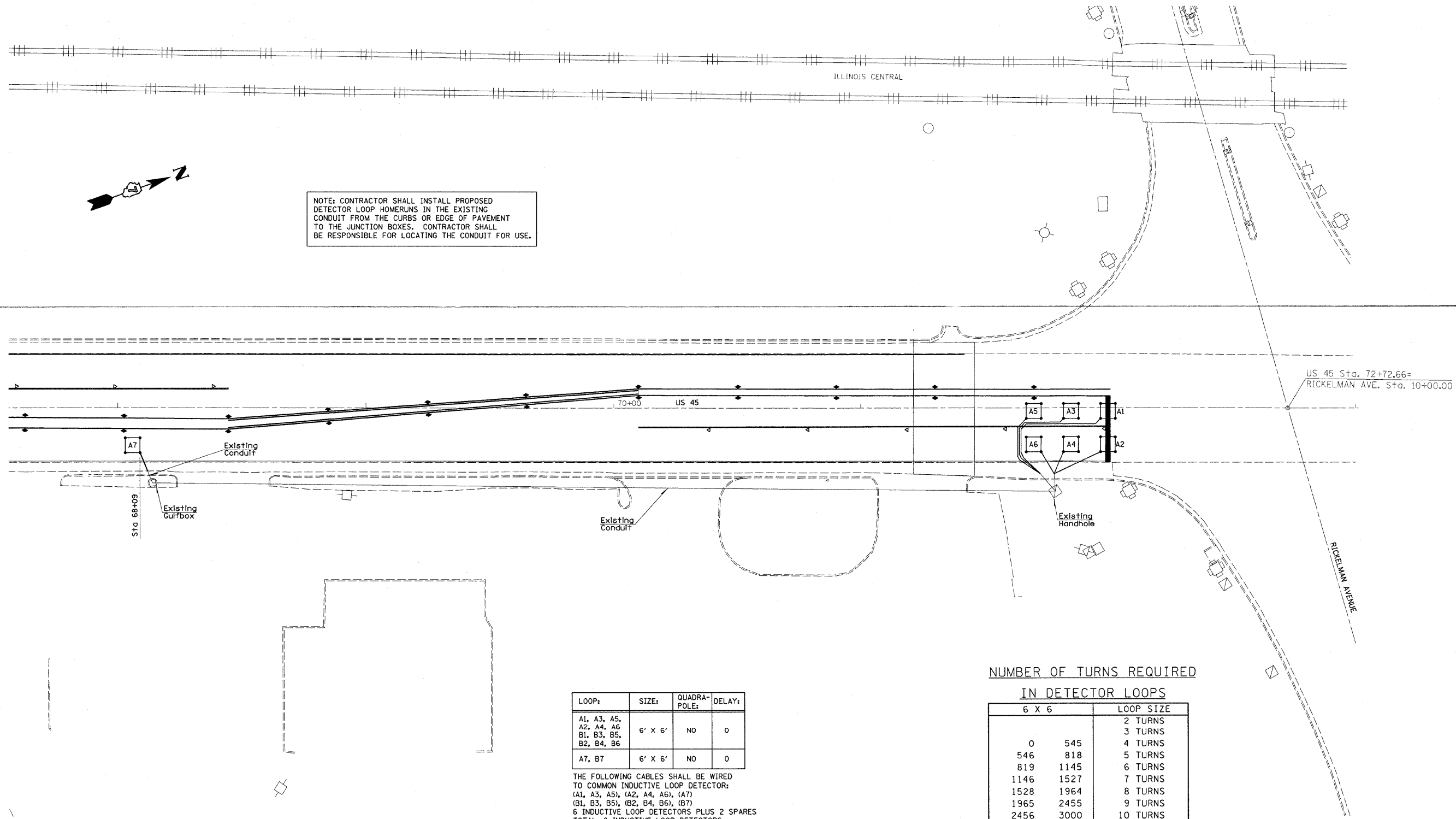


1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED - MMO 12-99	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING & PRISMATIC REFLECTOR DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw\work\FWID01\SWARTZRW\d0168672\d7	4430-shr-details.dgn	DRAWN -	REVISED - MKS 04-08			328	(12R)RS-1	EFFINGHAM	54	50	
	PLOT SCALE = 20,0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 74430					
	PLOT DATE = 12/11/2009	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
				SCALE: NA	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.				



NOTE: CONTRACTOR SHALL INSTALL PROPOSED DETECTOR LOOP HOMERUNS IN THE EXISTING CONDUIT FROM THE CURBS OR EDGE OF PAVEMENT TO THE JUNCTION BOXES. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING THE CONDUIT FOR USE.



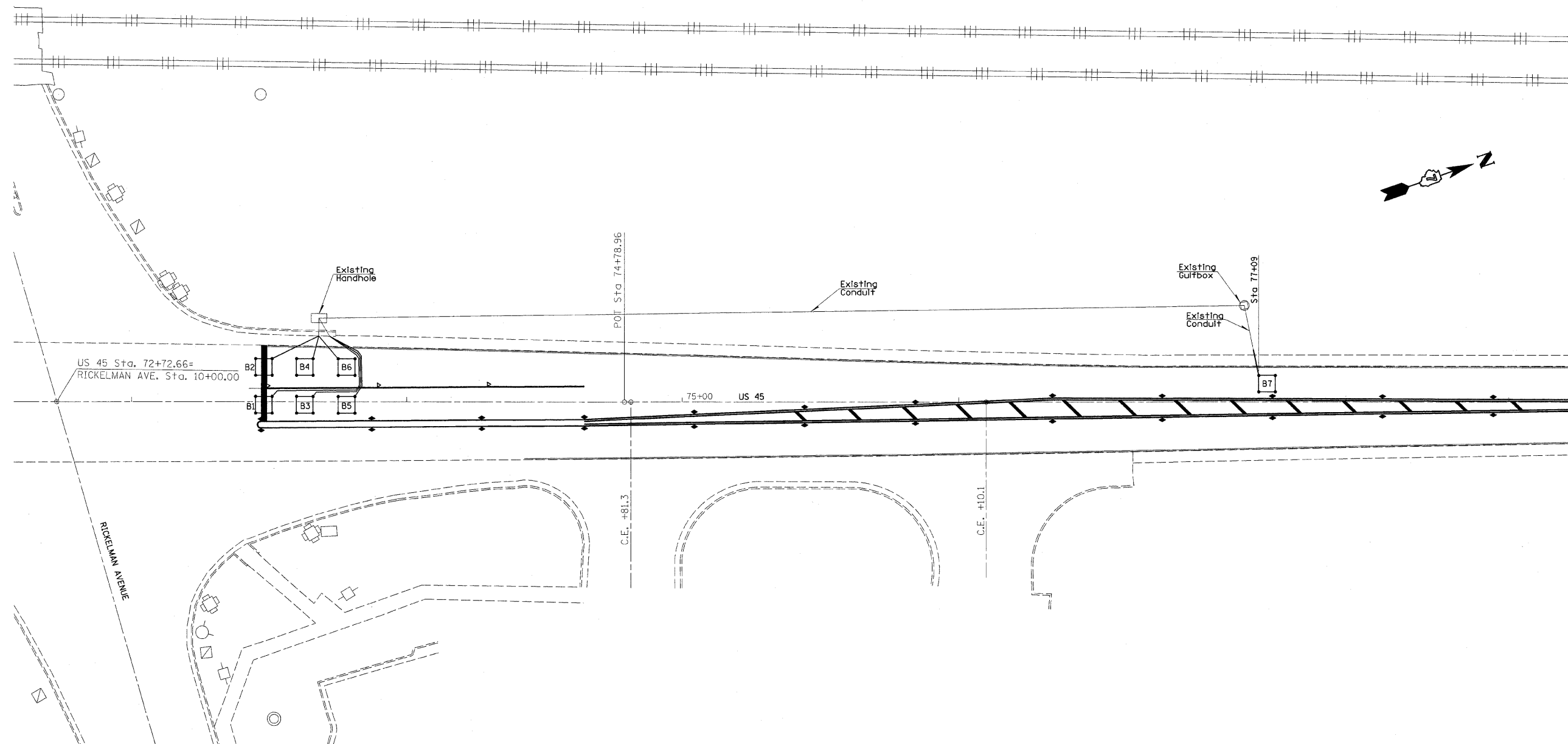
LOOP:	SIZE:	QUADRA-POLE:	DELAY:
A1, A3, A5, A2, A4, A6 B1, B3, B5, B2, B4, B6	6' X 6'	NO	0
A7, B7	6' X 6'	NO	0

THE FOLLOWING CABLES SHALL BE WIRED TO COMMON INDUCTIVE LOOP DETECTOR:
(A1, A3, A5), (A2, A4, A6), (A7)
(B1, B3, B5), (B2, B4, B6), (B7)
6 INDUCTIVE LOOP DETECTORS PLUS 2 SPARES
TOTAL: 8 INDUCTIVE LOOP DETECTORS

NUMBER OF TURNS REQUIRED
IN DETECTOR LOOPS

6 X 6		LOOP SIZE
		2 TURNS
		3 TURNS
		4 TURNS
0	545	5 TURNS
546	818	6 TURNS
819	1145	7 TURNS
1146	1527	8 TURNS
1528	1964	9 TURNS
1965	2455	10 TURNS
2456	3000	

THE NUMBERS IN THE TABLE REPRESENT THE LENGTH OF ELECTRIC CABLE FROM THE LOOP TO THE CABINET



FILE NAME =
 c:\pwr_work\PW1001\SWARTZR\0168672\07

USER NAME = swartzr
 4430-sh-t-ta.dgn
 PLOT SCALE = 20.0000 "/ IN.
 PLOT DATE = 12/11/2009

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

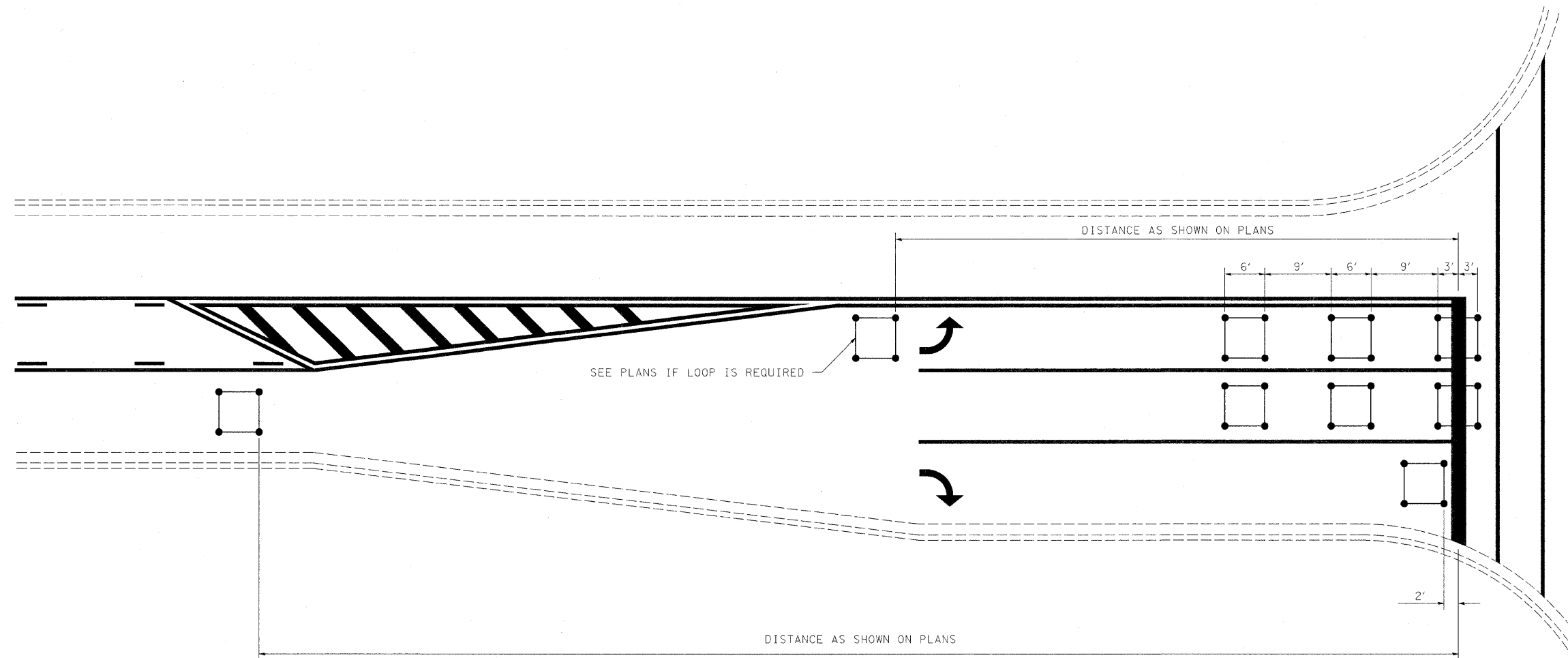
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL
 DETECTOR LOOPS**

SCALE: 20 SHEET NO. 2 OF 2 SHEETS STA. 73+00 TO STA. 78+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(12R)RS-1	EFFINGHAM	54	52
CONTRACT NO. 74430				
ILLINOIS FED. AID PROJECT				

TYPICAL APPLICATION OF DETECTOR LOOPS

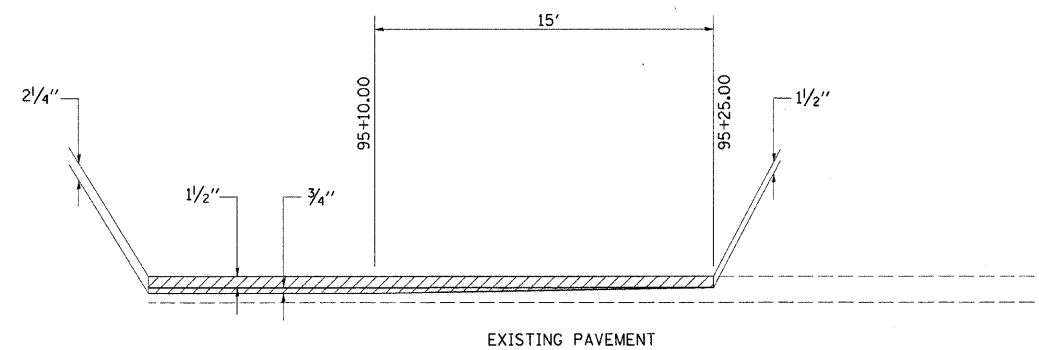
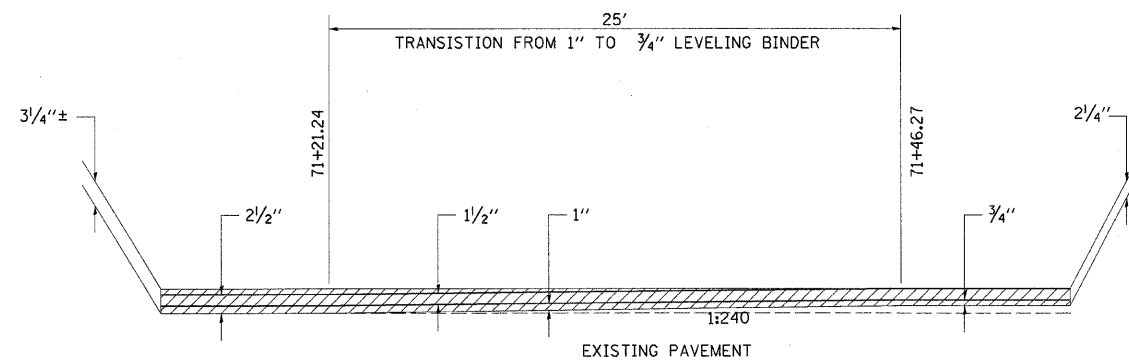
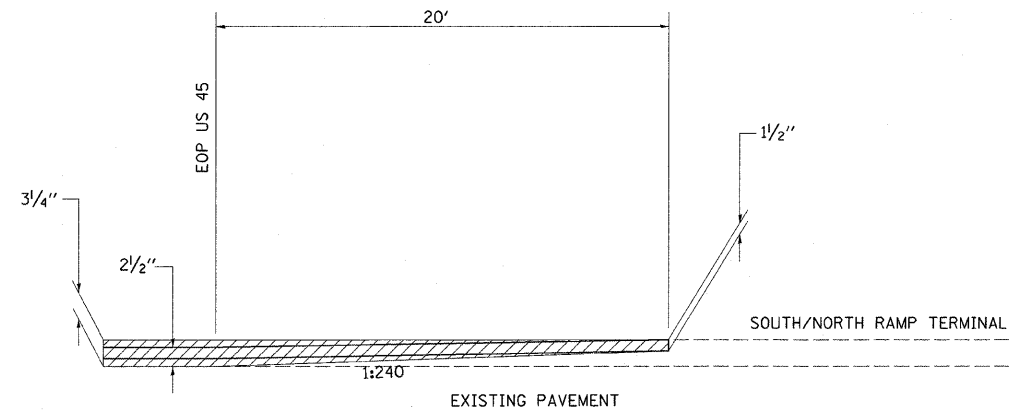
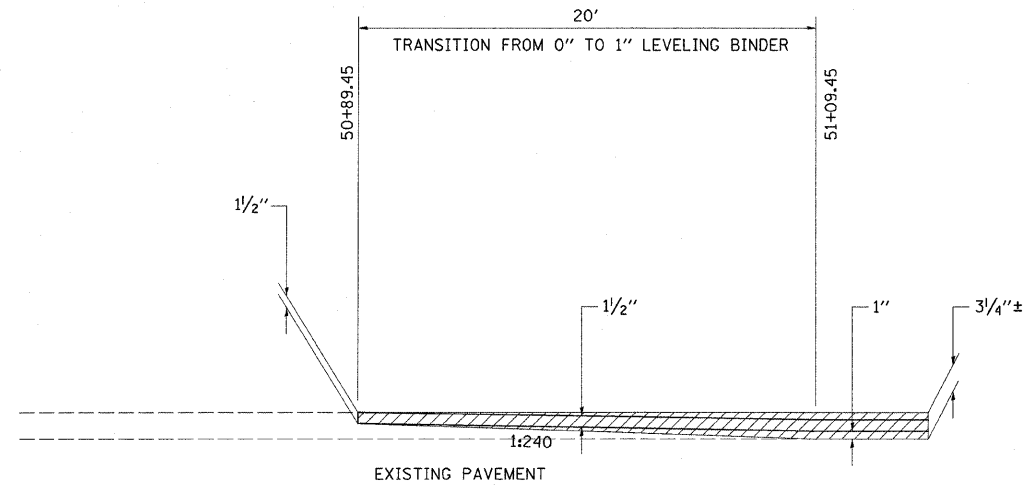


NOTE:

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

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATION OF DETECTOR LOOPS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
at:\p\work\PW\DOT\SWARTZRW\0168672\07	4430-shr-ta.dgn	DRAWN -	REVISED -			328	(12R)RS-1	EFFINGHAM	54	53	
	PLOT SCALE = 20,0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 74430					
	PLOT DATE = 12/11/2009	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: NA	SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.		



NOTE:
DETAIL DRAWINGS NOT
DRAWN TO SCALE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
TRANSITION DETAILS

SCALE: NA SHEET NO. 1 OF 1 SHEETS STA. TO STA.

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -
ca:\pw_work\PWIDOT\SWARTZRW\d2188672\d7	4430-shd-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2009	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(12R)RS-1	EFFINGHAM	54	54
CONTRACT NO. 74430				
ILLINOIS FED. AID PROJECT				