

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAS ROUTE 2801, FAP 774 (IL 128)
SECTION 102RS-3,103RS-2,102N

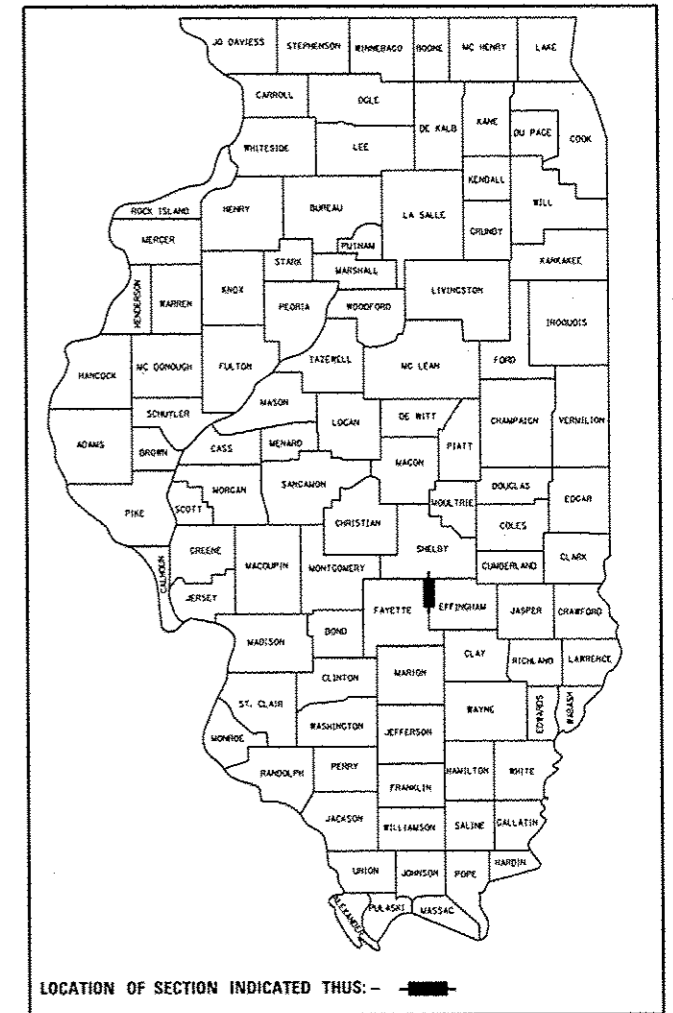
**3P RESURFACING & INTERSECTION
RECONSTRUCTION
EFFINGHAM & FAYETTE COUNTIES**

C-97-070-04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3,103RS-2,102N	EFFINGHAM, FAYETTE	84	1
EFFINGHAM, FAYETTE ILLINOIS			CONTRACT NO. 74052	

** 84-2 = 82

D-97-032-04



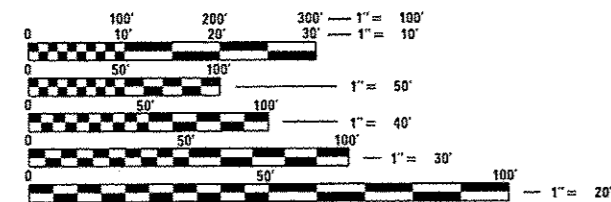
FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATION EQUATIONS:

STA. 756 + 46.00 (BK) = STA. 757 + 02.64 (AH)

STA. 810 + 67.20 (BK) = STA. 811 + 63.20 (AH)

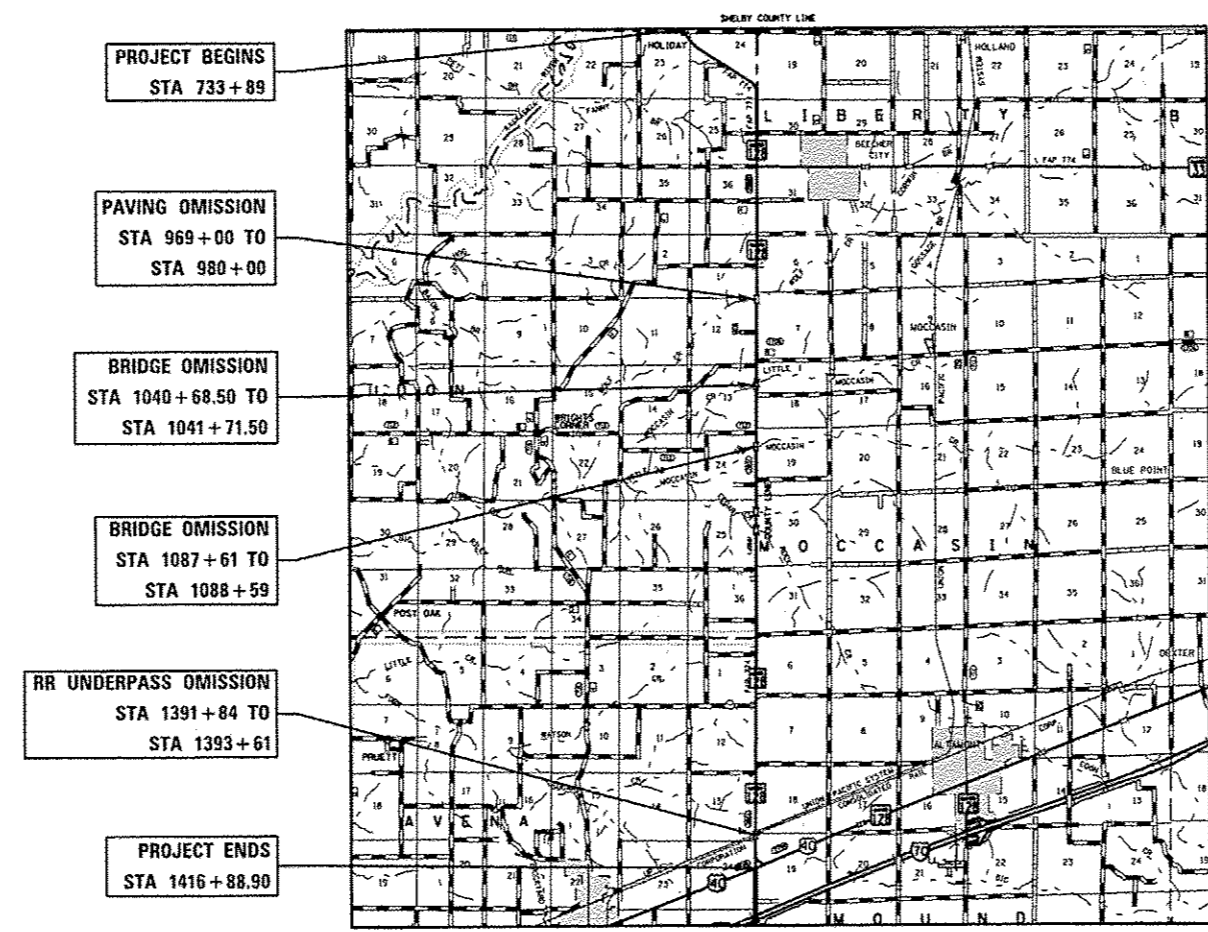
ADT = 2,400



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: MARK DAUGHERTY
PROJECT MANAGER: BRIAN LEWIS
PHONE: (217)-342-8360
CONTRACT NO. 74052



GROSS LENGTH = 68,132.90 FT. = 12.904 MILES
NET LENGTH = 66,654.9 FT. = 12.624 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED JUNE 20 2014
Rozan L. Dushell
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

JUNE 27 2014
John D. Baranzalei PE/SE
ENGINEER OF DESIGN AND ENVIRONMENT

JUNE 27 2014
Omer Osman PE/SE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

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", ADOPTED JANUARY 1, 2014, AND THE SPECIAL PROVISIONS INCLUDED IN THIS PROPOSAL.

THE WORK INCLUDED IN SECTION 102RS-3.103RS-2.102N CONSISTS OF MILLING, OVERLAYING THE HOT-MIX ASPHALT WEARING SURFACE, AND PLACEMENT OF AGGREGATE SHOULDERS ON IL 128 STARTING FROM THE INTERSECTION OF US 40 AND IL 128 TO THE SHELBY COUNTY LINE. ALSO INCLUDED IS THE RECONSTRUCTION OF THE INTERSECTION OF IL 33 AND IL 128 WEST OF BEECHER CITY, AND ANY OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

EQUIPMENT OF SUCH WEIGHT, OR USED IN SUCH A WAY AS TO CAUSE RUTS 1/2 INCH IN DEPTH OR MORE IN THE SUBGRADE OR SUBBASE SHALL BE REMOVED, OR THE RUTTING OTHERWISE PREVENTED, AS DIRECTED BY THE ENGINEER.

ESTIMATED LIMITS OF UNDERCUTTING IN DITCH BOTTOMS ARE SHOWN ON THE CROSS SECTIONS. FINAL LIMITS OF UNDERCUT WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE MATERIAL USED FOR AGGREGATE WEDGE SHOULDER, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR RAP. THE MATERIAL USED FOR AGGREGATE SHOULDER, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE. THE MATERIAL USED FOR AGGREGATE SURFACE COURSE SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

RIGHT-OF-WAY MARKERS SHALL BE ERECTED WITH THE BACK FACE OF THE MARKER ON THE RIGHT-OF-WAY LINE UNLESS THE NEW RIGHT-OF-WAY LINE HAS BEEN SURVEYED AND PINNED. IN WHICH CASE THE RIGHT-OF-WAY MARKER SHALL BE ERECTED 12 INCHES INSIDE THE NEW RIGHT-OF-WAY LINE.

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 LEVEL BINDER. HOT-MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE HMA COURSES AND PAINT SHALL BE USED ON MILLED SURFACES.

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING - LINE 4" CONSISTS OF 45,944 FEET OF YELLOW AND 131,908 FEET OF WHITE.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESS 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.

THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.08 OF THE STANDARD SPECIFICATIONS. THE CONTRACT UNIT PRICE PER SQUARE YARD FOR TEMPORARY RAMP SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE RAMPS.

CONTACT INFORMATION FOR ELECTRICAL POWER:

AMEREN/CIPS
1800 FORD AVENUE
EFFINGHAM, IL 62401
JON TIPTON
(217) 347-3141

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE
LEVELING BINDER	PG 64-22	4.0% @Ndesign=70	IL - 9.5	N/A
SURFACE COURSE	PG 64-22	4.0% @Ndesign=70	IL - 9.5	MIXTURE C
INCIDENTAL SURFACE	PG 64-22	4.0% @Ndesign=70	IL - 9.5	MIXTURE C
PAVEMENT PATCHING	PG 64-22	4.0% @Ndesign=70	IL - 19.0	N/A
BASE COURSE (8" & 11 1/2")	PG 64-22	4.0% @Ndesign=70	IL - 19.0	N/A
PAVEMENT (FD) (BINDER)	PG 64-22	4.0% @Ndesign=70	IL - 19.0	N/A
PAVEMENT (FD) (SURFACE)	PG 64-22	4.0% @Ndesign=70	IL - 9.5	MIXTURE C
SHLDRS (6" & 8") (LWR LIFTS)	PG 64-22	4.0% @Ndesign=30	IL - 19.0L	N/A
SHLDRS (6" & 8") (TOP LIFT)	PG 64-22	4.0% @Ndesign=30	IL - 9.5L	N/A

INDEX OF SHEETS

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65-84	CROSS SECTIONS

* SHEETS 56 & 57 DELETED

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS.

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RS OR WIDENING & RS PROJECTS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-05	TRAVERSABLE PIPE GRATE
542401-01	METAL END SECTION FOR PIPE CULVERTS
542406-01	METAL END SECTION FOR PIPE ARCHES
542606-02	REINFORCED CONCRETE PIPE TEE
602301-04	INLET, TYPE A
602306-03	INLET, TYPE B
602401-03	MANHOLE, TYPE A
602406-06	MANHOLE, TYPE A, 6' DIAMETER
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604006-04	FRAME AND GRATE, TYPE 3
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-6.24
606301-04	PC CONCRETE ISLANDS AND MEDIANS
666001-01	RIGHT-OF-WAY MARKERS
667101-02	PERMANENT SURVEY MARKERS
668001-01	METHOD OF RESETTING U.S. GEOLOGIC SURVEY AND NATIONAL GEODETIC SURVEY BENCHMARKS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701331-04	LANE CLOSURE, 2L, 2W, WITH RUN-AROUND, FOR SPEEDS >= 45 MPH
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-03	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-04	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001	PRISMATIC CURB REFLECTORS
821101	LUMINAIRE WIRING DIAGRAM
825001-01	LIGHTING CONTROLLER, POLE MOUNTED, 240V
836001-02	LIGHT POLE FOUNDATION
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
BLR-21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR-22-7	TYP. APPL. OF T.C.D. FOR RURAL LOC. HWYS. (2-LANE 2 WAY RURAL TRAFF.) (RD. CLOSED TO THRU TRAFF.)
838001	BREAKAWAY DEVICES

FILE NAME =	USER NAME = wseffannk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & INDEX OF SHEETS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\p\work\p\dot\stefannk\20121426\07	4052-shr-gennote.dgn	DRAWN -	REVISED -			2901	102RS-3.103RS-2.102N	*	64	2	
Default	PLOT SCALE = 1/8"=1'-0"	CHECKED -	REVISED -			* Effingham, Fayette					
	PLOT DATE = 6/6/2014	DATE -	REVISED -			CONTRACT NO. 74052					
					SCALE: N/A	SHEET 1 OF 1 SHEETS		STA.	TO STA.		
ILLINOIS FED. AID PROJECT											

				100% STATE							100% STATE		
				FAP 774	FAS 2801	FAP 774					FAP 774	FAS 2801	FAP 774
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	EFF. CO. 0005	FAYETTE CO. 0005	EFF. CO. 0021	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	EFF. CO. 0005	FAYETTE CO. 0005	EFF. CO. 0021
20200100	EARTH EXCAVATION	CU YD	7451	7451			30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	3699	3699		
20800150	TRENCH BACKFILL	CU YD	9.7	9.7			30201500	LIME	TON	93	93		
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1009	1009			35101400	AGGREGATE BASE COURSE, TYPE B	TON	155	155		
25000200	SEEDING, CLASS 2	ACRE	3.1	3.1			35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	699	699		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	280	280			35501330	HOT-MIX ASPHALT BASE COURSE, 11 1/2"	SQ YD	3224	3224		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	280	280			40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	220	204	16	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	280	280			40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	7229	6308	921	
25000700	AGRICULTURAL GROUND LIMESTONE	TON	6	6			40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	970	840	130	
25100115	MULCH, METHOD 2	ACRE	3.1	3.1			40600990	TEMPORARY RAMP	SQ YD	269	247	22	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	930	930			40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "2", N70	TON	14493	12759	1734	
28000305	TEMPORARY DITCH CHECKS	FOOT	440	440			40701881	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	SQ YD	1465	1465		
28000400	PERIMETER EROSION BARRIER	FOOT	250	250			40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	257	242	15	
28000500	INLET AND PIPE PROTECTION	EACH	11	11			44000100	PAVEMENT REMOVAL	SQ YD	509	509		
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	120	120									

				100% STATE							100% STATE		
				FAP 774	FAS 2801	FAP 774					FAP 774	FAS 2801	FAP 774
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44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	SO YD	135645	113848	21797		54213450	END SECTIONS 15"	EACH	8	8		
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	30738	30738			54213459	END SECTIONS 24"	EACH	4	4		
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	498	498			54214290	END SECTIONS, EQUIVALENT ROUND-SIZE 15"	EACH	8	8		
44201773	CLASS D PATCHES, TYPE I, 11 INCH	SO YD	337	337			54214719	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 24"	EACH	2	2		
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SO YD	325	283	42								
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SO YD	20		20		54216570	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 15" RISER	EACH	2	2		
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SO YD	352	352			54248510	CONCRETE COLLAR	CU YD	2.6	2.6		
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SO YD	2213	2213			542A0235	PIPE CULVERTS, CLASS A, TYPE I 30"	FOOT	41	41		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3239	2770	469		542A5479	PIPE CULVERTS, CLASS A, TYPE I EQUIVALENT ROUND-SIZE 24"	FOOT	94	94		
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SO YD	412		412		54200220	PIPE CULVERTS, CLASS D, TYPE I 15"	FOOT	206	206		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	1373	1373			54200229	PIPE CULVERTS, CLASS D, TYPE I 24"	FOOT	88	88		
50105220	PIPE CULVERT REMOVAL	FOOT	780	780			54205470	PIPE CULVERTS, CLASS D, TYPE I EQUIVALENT ROUND-SIZE 15"	FOOT	202	202		
50800105	REINFORCEMENT BARS	POUND	78	78									
54002020	EXPANSION BOLTS 3/4 INCH	EACH	16	16									

SUMMARY OF QUANTITIES				100% STATE		
				FAP 774	FAS 2801	FAP 774
				CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	EFF. CO. 0005	FAYETTE CO. 0005	EFF. CO. 0021
60500060	REMOVING INLETS	EACH	1	1		
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	5	5		
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	21	21		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	611	611		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	129	129		
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	21	21		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	218	218		
* 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12		
67100100	MOBILIZATION	L SUM	1	1		
70100200	TRAFFIC CONTROL AND PROTECTION, STANDARD 701331	EACH	1	1		

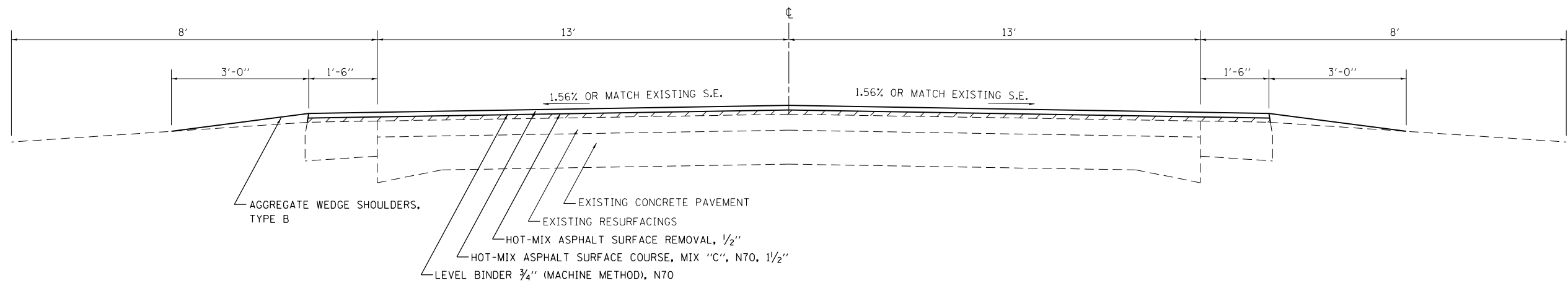
SUMMARY OF QUANTITIES				100% STATE		
				FAP 774	FAS 2801	FAP 774
				CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	EFF. CO. 0005	FAYETTE CO. 0005	EFF. CO. 0021
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.9	0.1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.9	0.1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1		
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 2.1	L SUM	1	1		
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 2.2	L SUM	1	1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	9	9		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	19608	17451	2157	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	177852	158288	19564	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	2179	1939	240	

* SPECIALTY ITEM

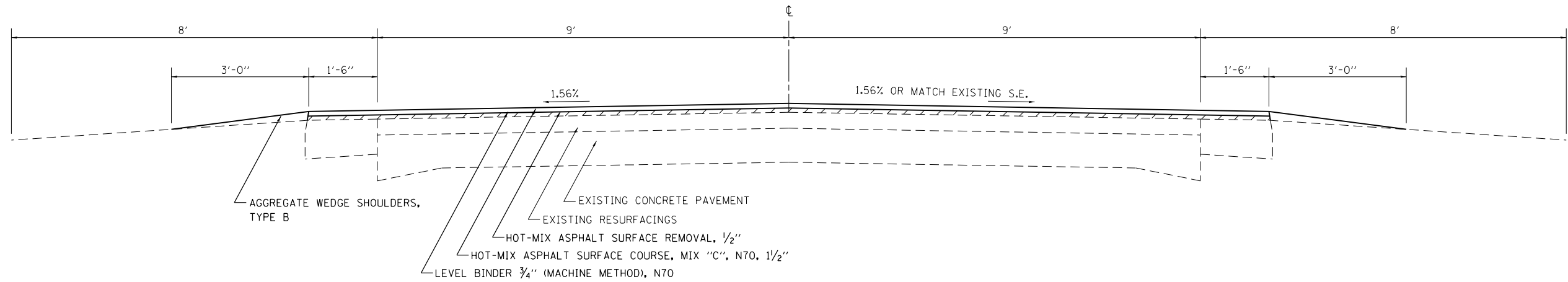
FILE NAME =	USER NAME = staffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\staffennk\d0121426\07	4092-sht-a0q.dgn	DRAWN -	REVISED -		2801	102RS-3,103RS-2,102N		84	5			
	PLOT SCALE = 1/8" = 1' / in.	CHECKED -	REVISED -		Effingham, Fayette			CONTRACT NO. 74052				
	PLOT DATE = 6/6/2014	DATE -	REVISED -		SCALE: NA	SHEET 3	OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

				100% STATE							100% STATE		
				FAP 774	FAS 2801	FAP 774					FAP 774	FAS 2801	FAP 774
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	EFF. CO. 0005	FAYETTE CO. 0005	EFF. CO. 0021	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	EFF. CO. 0005	FAYETTE CO. 0005	EFF. CO. 0021
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	124.8	124.8			* 81603000	UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	455			455
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	13887	13887			* 83600355	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 6'	EACH	4			4
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	510	510			* 83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	16			16
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	297	297			* 84200804	REMOVAL OF POLE FOUNDATION	EACH	4			4
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	565	565			* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	4			4
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	108	108			* 84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1			1
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	177852	158288	19564		* X0325924	CLEAN, RELAMP AND MAINTENANCE OF EXISTING LUMINAIRE	EACH	4			4
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1053	893	160		X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	4	4		
* 78200300	PRISMATIC CURB REFLECTOR	EACH	20	20			X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	5	5		
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1		1		X4024000	TEMPORARY ACCESS (FIELD ENTRANCE)	EACH	3	3		
* 81028550	UNDERGROUND CONDUIT, INTERMEDIATE METAL, 2" DIA.	FOOT	175			175	X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	115530	100730	14800	
* 81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	175			175	X4400110	TEMPORARY PAVEMENT REMOVAL	SQ YD	507	507		

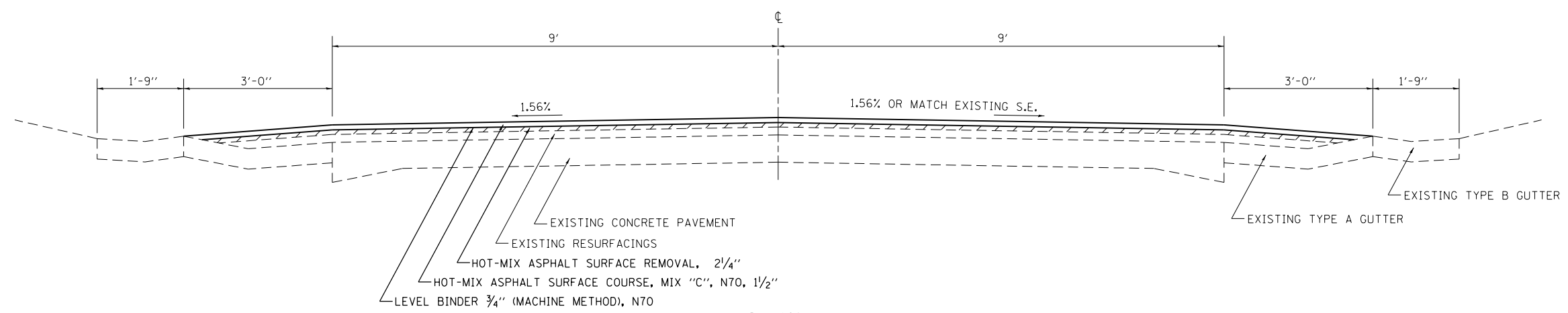
* SPECIALTY ITEM



ILL 128
STA 733+89 TO STA 860+15



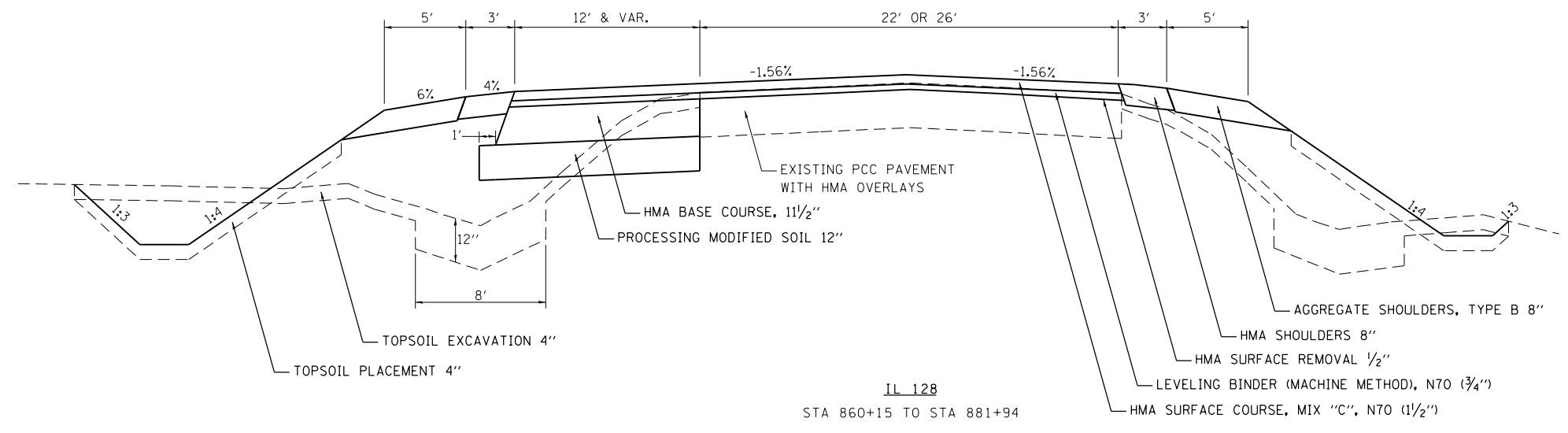
ILL 128
STA 881+94 TO STA 958+06
STA 986+77 TO STA 1026+85
STA 1048+90 TO STA 1070+03
STA 1097+27 TO STA 1128+27
STA 1163+76 TO STA 1371+31
STA 1400+44 TO STA 1416+88



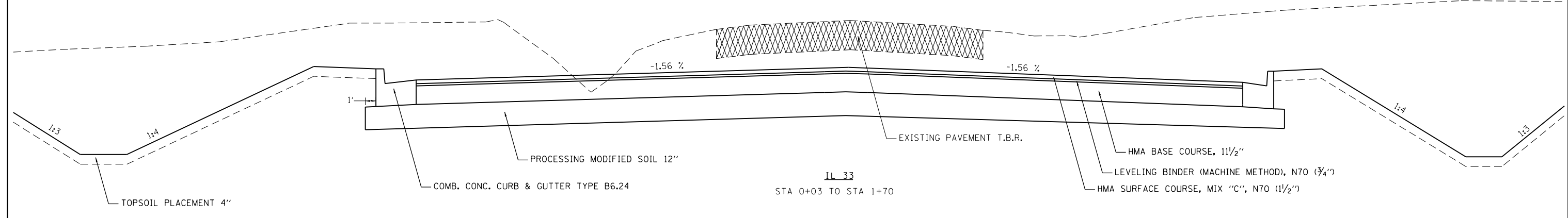
ILL 128
STA 958+86 TO STA 969+00
STA 980+00 TO STA 985+97
STA 1027+65 TO STA 1040+68.50
STA 1041+71.50 TO STA 1048+10
STA 1070+83 TO STA 1087+61
STA 1088+59 TO STA 1096+47
STA 1129+07 TO STA 1162+96
STA 1372+11 TO STA 1391+84
STA 1393+61 TO STA 1399+64

NOTE: SEE SHEET 58 FOR TRANSITION
DETAILS BETWEEN SECTIONS.

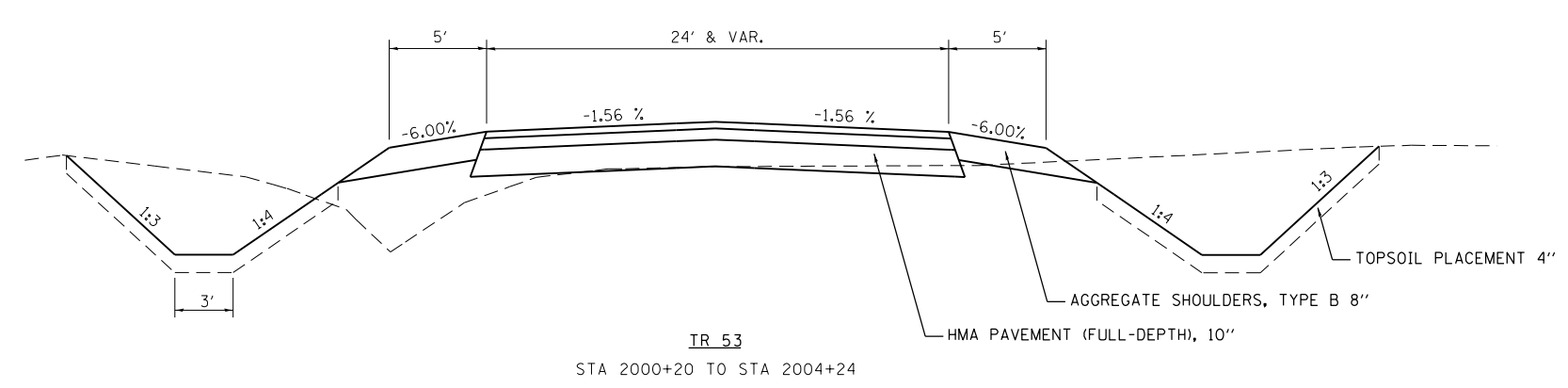
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ei:\pw\work\p\midot\steffenmk\d0121426\07	4052-shr-typicals.dgn	DRAWN -	REVISED -		SCALE: N/A	SHEET 1	OF 2 SHEETS	STA.	TO STA.	2801	102RS-3.103RS-2.102N	84	8
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -								Effingham, Fayette		
	PLOT DATE = 6/6/2014	DATE -	REVISED -										CONTRACT NO. 74052
												ILLINOIS FED. AID PROJECT	



IL 128
STA 860+15 TO STA 881+94



IL 33
STA 0+03 TO STA 1+70



IR 53
STA 2000+20 TO STA 2004+24

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
ci:\pw\work\p\dot\steffenmk\d0121426\07	4052-shr-typicals.dgn	DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/6/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS			
SCALE: N/A	SHEET 2	OF 2 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	•	84	9
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				

RESURFACING SCHEDULE	LENGTH	AVERAGE PAVEMENT WIDTH	AREA	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (PRIME FOG COAT)	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	LEVELING BINDER (MACHINE METHOD), N70	AGGREGATE WEDGE SHOULDERS, TYPE B	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP
STATION TO STATION	FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	POUND	POUND	TON	TON	TON	SQ YD	SQ YD
733+89.0 TO 734+34.0	45.0	26.0	130.0	0.0	0.0	0.0	58.5	29.3	10.9	5.5	2.8	130.0	21.7
734+34.0 TO 756+46.0	2212.0	26.0	6390.2	0.0	0.0	6390.4	2875.6	1437.8	536.8	268.5	136.7	0.0	0.0
756+46.0 TO 757+05.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
757+05.3 TO 810+38.3	5333.0	26.0	15406.4	0.0	0.0	15406.4	6932.9	3466.5	1294.1	647.1	329.0	0.0	0.0
810+38.3 TO 810+67.2	28.9	26.0	83.5	0.0	0.0	83.5	37.6	18.8	7.0	3.5	1.8	0.0	0.0
810+67.2 TO 811+74.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
811+74.9 TO 860+15.0	4840.1	26.0	13982.5	0.0	0.0	13982.5	6292.1	3146.1	1174.5	587.3	298.6	0.0	0.0
860+15.0 TO 881+94.0	2179.0	23.3	5765.0	0.0	0.0	5765.5	3597.0	1798.5	670.0	335.0	0.0	0.0	0.0
881+94.0 TO 882+39.0	45.0	21.5	107.5	0.0	0.0	107.5	48.4	24.2	9.0	4.5	2.8	0.0	0.0
882+39.0 TO 958+06.0	7567.0	21.5	18076.7	0.0	0.0	18076.7	8134.5	4067.3	1518.4	759.2	466.8	0.0	0.0
958+06.0 TO 958+86.0	80.0	21.5	191.1	0.0	191.1	0.0	86.0	43.0	16.1	8.0	4.9	0.0	0.0
958+86.0 TO 969+00.0	1014.0	22.0	2478.7	2478.7	0.0	0.0	1115.4	557.7	208.2	104.1	0.0	150.0	19.6
969+00.0 TO 980+00.0	1100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
980+00.0 TO 985+97.0	597.0	22.0	1459.3	1459.3	0.0	0.0	656.7	328.4	122.6	61.3	0.0	150.0	19.6
985+97.0 TO 986+77.0	80.0	21.5	191.1	0.0	191.1	0.0	86.0	43.0	16.1	8.0	4.9	0.0	0.0
986+77.0 TO 1026+85.0	4008.0	21.5	9574.7	0.0	0.0	9574.7	4308.6	2154.3	804.3	402.1	247.3	0.0	0.0
1026+85.0 TO 1027+65.0	80.0	22.0	195.6	0.0	195.6	0.0	88.0	44.0	16.4	8.2	4.9	0.0	0.0
1027+65.0 TO 1040+68.5	1303.5	24.0	3476.0	3476.0	0.0	0.0	1564.2	782.1	292.0	146.0	0.0	0.0	21.3
1040+68.5 TO 1041+71.5	103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1041+71.5 TO 1048+10.0	638.5	24.0	1702.7	1702.7	0.0	0.0	766.2	383.1	143.0	71.5	0.0	0.0	21.3
1048+10.0 TO 1048+90.0	80.0	22.0	195.6	0.0	195.6	0.0	88.0	44.0	16.4	8.2	4.9	0.0	0.0
1048+90.0 TO 1070+03.0	2113.0	21.5	5047.7	0.0	0.0	5047.7	2271.5	1135.8	424.0	212.0	130.4	0.0	0.0
1070+03.0 TO 1070+83.0	80.0	22.0	195.6	0.0	195.6	0.0	88.0	44.0	16.4	8.2	4.9	0.0	0.0
1070+83.0 TO 1087+61.0	1678.0	24.0	4474.7	4474.7	0.0	0.0	2013.6	1006.8	375.9	187.9	0.0	0.0	21.3
1087+61.0 TO 1088+59.0	98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1088+59.0 TO 1096+47.0	788.0	24.0	2101.3	2101.3	0.0	0.0	945.6	472.8	176.5	88.3	0.0	0.0	21.3
1096+47.0 TO 1097+27.0	80.0	22.0	195.6	0.0	195.6	0.0	88.0	44.0	16.4	8.2	4.9	0.0	0.0
1097+27.0 TO 1128+27.0	3100.0	21.5	7405.6	0.0	0.0	7405.6	3332.5	1666.3	622.1	311.0	191.2	0.0	0.0
1128+27.0 TO 1129+07.0	80.0	22.0	195.6	0.0	195.6	0.0	88.0	44.0	16.4	8.2	4.9	0.0	0.0
1129+07.0 TO 1162+96.0	3389.0	24.0	9037.3	9037.3	0.0	0.0	4066.8	2033.4	759.1	379.6	0.0	0.0	0.0
1162+96.0 TO 1163+76.0	80.0	22.0	195.6	0.0	195.6	0.0	88.0	44.0	16.4	8.2	4.9	0.0	0.0
1163+76.0 TO 1371+31.0	20755.0	21.5	49581.4	0.0	0.0	49581.4	22311.6	11155.8	4164.8	2082.4	1280.4	0.0	0.0
1371+31.0 TO 1372+11.0	80.0	22.0	195.6	0.0	195.6	0.0	88.0	44.0	16.4	8.2	4.9	0.0	0.0
1372+11.0 TO 1378+04.0	593.0	24.0	1581.3	1581.3	0.0	0.0	711.6	355.8	132.8	66.4	0.0	0.0	0.0
1378+04.0 TO 1390+59.0	1255.0	22.0	3067.8	3067.8	0.0	0.0	1380.5	690.3	283.4	128.8	0.0	0.0	19.6
1390+59.0 TO 1394+08.0	349.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1394+08.0 TO 1399+64.0	556.0	22.0	1359.1	1359.1	0.0	0.0	611.6	305.8	123.8	57.1	0.0	0.0	19.6
1399+64.0 TO 1400+44.0	80.0	22.0	195.6	0.0	195.6	0.0	88.0	44.0	16.4	8.2	4.9	0.0	0.0
1400+44.0 TO 1416+04.9	1560.9	22.0	3815.5	0.0	0.0	3815.5	1717.0	858.5	320.5	160.3	96.3	0.0	0.0
1416+04.9 TO 1416+43.9	39.0	94.0	407.3	0.0	0.0	407.3	183.3	91.7	34.2	17.1	2.4	0.0	0.0
1416+43.9 TO 1416+88.9	45.0	94.0	470.0	0.0	0.0	470.0	211.5	105.8	39.5	19.7	2.8	470.0	83.6
TOTALS	68133.0		168929.0	30738.0	1947.0	135645.0	77021.0	38510.0	14411.0	7188.0	3239.0	900.0	269.0

* * * PLUS 82 TON SURFACE AND 41 TON LEVELING BINDER FOR IL 33 * * * PLUS 70 S.Y. ON IL 33

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw_work\p\dot\stefenk\d0121426\074052-shit-schedules.dgn		DRAWN -	REVISED -		SCALE: NA	SHEET NO. 1 OF 3 SHEETS	STA.	TO STA.	2801	102RS-3.103RS-2.102N	*	84	10
		CHECKED -	REVISED -					* Effingham, Fayette		CONTRACT NO. 74052			
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT					

PAVEMENT MARKING SCHEDULE

STATION TO STATION	LENGTH	PAINT PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 4"	SHORT-TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH
733+89.00 TO 756+46.00	2257.0	5078.3	5078.3	672	74.7	29	0
757+05.30 TO 799+00.00	4194.7	9438.1	9438.1	1260	140.0	53	0
799+00.00 TO 810+67.20	1167.2	2626.2	2626.2	348	38.7	30	60
811+74.90 TO 813+00.00	125.1	281.5	281.6	36	4.0	4	8
813+00.00 TO 860+15.00	4715.0	10608.8	10608.8	1416	157.3	60	0
881+94.00 TO 973+70.50	9176.5	35308.1	35308.1	2748	305.3	115	0
973+70.50 TO 975+61.50	191.0	849.8	849.8	0	0.0	0	0
975+61.50 TO 1040+68.50	6507.0	18416.8	18416.8	1956	217.3	81	0
1040+68.50 TO 1041+71.50	103.0	658.8	658.8	0	0.0	0	0
1041+71.50 TO 1087+61.50	4590.0	14693.5	14693.5	1380	153.3	57	0
1087+61.00 TO 1088+59.00	98.0	595.5	595.5	0	0.0	0	0
1088+59.00 TO 1391+84.00	30325.0	70236.3	70236.3	9096	1010.7	379	0
1391+84.00 TO 1393+61.00	177.0	819.3	819.3	0	0.0	0	0
1393+61.00 TO 1416+88.90	2327.9	8241.8	8241.8	696	77.3	29	0
TOTALS		177853.0	177853.0	19608	2179.0	837	68

NOTE: SEE NEXT SHEET FOR THERMOPLASTIC

EARTHWORK SCHEDULE					
LOCATION	EARTH EXCAVATION CU. YD.	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE CU. YD.	EMBANKMENT CU. YD.	EARTHWORK BALANCE WASTE(+) SHORTAGE(-) CU. YD.	TOPSOIL EXCAVATION AND PLACEMENT CU. YD.
IL 128	5965	4474	1778	2696	837
TR 53	687	515	52	463	100
IL 33	799	599	37	562	72
TOTALS	7451	5588	1867	3721	1009

PIPE CULVERT REMOVAL	
RT. STA. 862+20 TO 862+60	40 FEET
LT. STA. 868+93 TO 869+30	37 FEET
RT. STA. 870+21 TO 870+80	80 FEET
RT. STA. 870+80 TO 873+85	305 FEET
LT. STA. 870+39 TO 870+95	56 FEET
LT. STA. 871+37 TO 871+67	30 FEET
LT. STA. 872+04 TO 872+85	81 FEET
LT. STA. 873+32 TO 873+53	21 FEET
RT. STA. 880+47 TO 880+77	29 FEET
RT. STA. 0+39 TO 1+40 (IL 33)	101 FEET
TOTAL	780 FEET

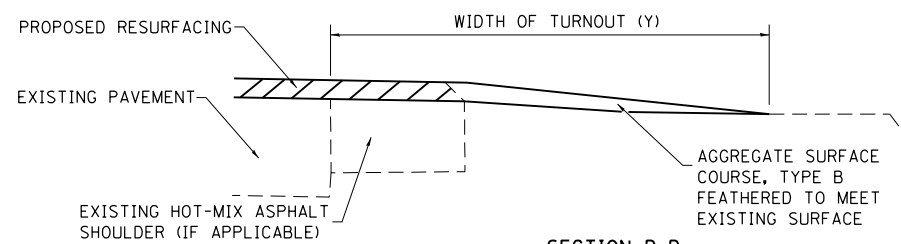
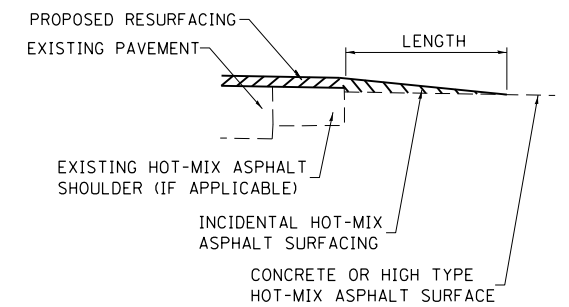
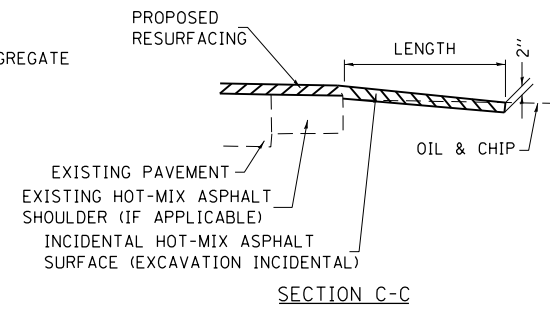
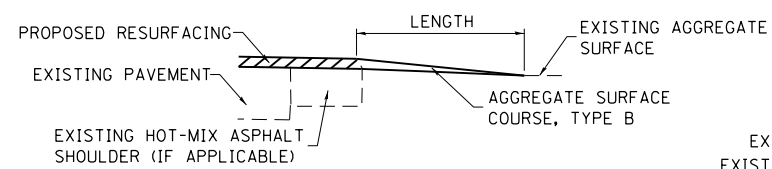
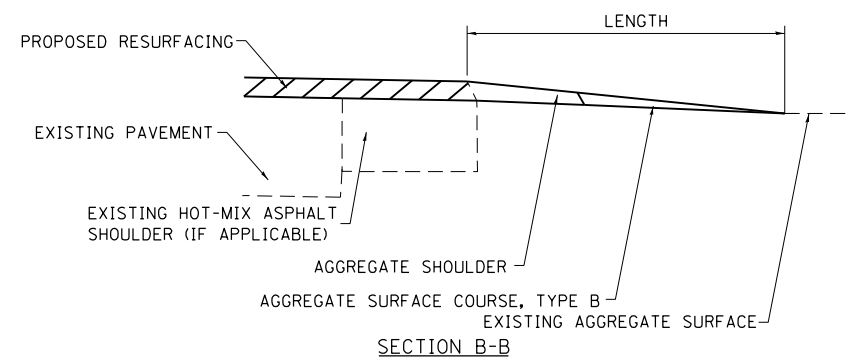
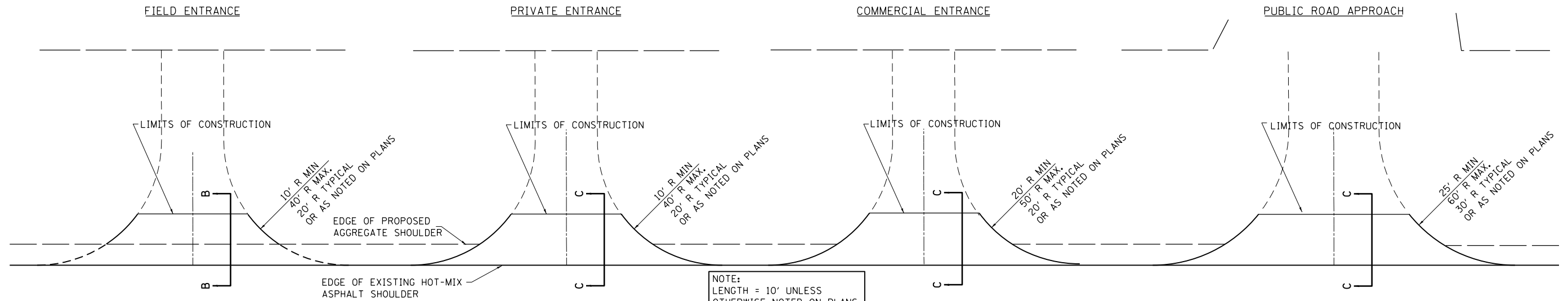
TEMPORARY ACCESS			
ENTRANCE STATION	TEMPORARY ACCESS (PRIVATE ENTRANCE)	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	TEMPORARY ACCESS (FIELD ENTRANCE)
	EACH	EACH	EACH
RT. 862+43	1		
RT. 868+00			1
LT. 868+39			1
RT. 869+43	1		
RT. 872+43		1	
LT. 872+46			1
RT. 879+02	1		
RT. 873+44	1		
RT. 880+60		1	
RT. 2000+52 (TR 53)		1	
LT. 2002+27 (TR 53)		1	
RT. 2002+89 (TR 53)		1	
TOTALS	4	5	3

RIGHT OF WAY MARKERS		
858+00	40' LT.	1 EACH
859+00	40' RT.	1 EACH
861+00	65' LT.	1 EACH
861+00	50' RT.	1 EACH
868+75	65' LT.	1 EACH
869+42.99	50' RT.	1 EACH
869+50	70' LT.	1 EACH
871+60	70' LT.	1 EACH
871+60	55' RT.	1 EACH
876+00	55' RT.	1 EACH
876+75	40' RT.	1 EACH
878+00	70' LT.	1 EACH
883+00	40' LT.	1 EACH
2000+00 (TR 53)	20.82' RT.	1 EACH
2000+90 (TR 53)	40' RT.	1 EACH
2002+15 (TR 53)	50' RT.	1 EACH
2003+42.52 (TR 53)	60' RT.	1 EACH
1+00 (IL 33)	60' LT.	1 EACH
1+00 (IL 33)	65' RT.	1 EACH
2+50 (IL 33)	30' LT.	1 EACH
2+50 (IL 33)	30' RT.	1 EACH
TOTAL		21 EACH

ENTRANCE CULVERTS						
ENTRANCE STATION	PIPE CULVERTS, CLASS D, TYPE 1 15"	PIPE CULVERTS, CLASS D, TYPE 1 24"	PIPE CULVERTS, CLASS D, TYPE 1 EORS 15"	END SECTIONS 15"	END SECTIONS EORS 15"	END SECTIONS 24"
RT. 862+43	36			2		
RT. 868+00	38			2		
LT. 868+39		38				2
RT. 872+42	66			2		
LT. 872+46		50				2
RT. 873+44	66			2		
RT. 880+60			52		2	
RT. 2000+52 (TR 53)			46		2	
LT. 2002+27 (TR 53)			40		2	
RT. 2002+89 (TR 53)			64		2	
TOTALS	206	88	202	8	8	4

IL 33 INTERSECTION PAVEMENT MARKINGS												
LOCATION OR DESCRIPTION	THERMOPLASTIC PAVEMENT MARKING - LTRS & SYMB	THERMOPLASTIC PAVEMENT MARKING - LINE 4" - WHITE	THERMOPLASTIC PAVEMENT MARKING - LINE 4" - YELLOW	THERMOPLASTIC PAVEMENT MARKING - LINE 6" - WHITE	THERMOPLASTIC PAVEMENT MARKING - LINE 8" - WHITE	THERMOPLASTIC PAVEMENT MARKING - LINE 12" - WHITE	THERMOPLASTIC PAVEMENT MARKING - LINE 12" - YELLOW	THERMOPLASTIC PAVEMENT MARKING - LINE 24" - WHITE	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)	RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)	PRISMATIC CURB REFLECTOR
	SO FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH
LEFT TURN ARROWS	125											
STA 855+15 TO STA 870+25		2643	4165									
STA 871+09 TO STA 886+19		2643	4165									
LEFT TURN LANES AROUND ISLANDS				510					28		32	
DIAGONALS IN MEDIANS					297	153						20
STOP BARS							412					
TAILS AT FAR ENDS OF MEDIANS								108				
AROUND MEDIANS										80		
TR 53			100									
IL 33		131	40									
TOTALS	125	5417	8470	510	297	153	412	108	28	80	40	20

NOTE: ONLY RRPMS IN THERMOPLASTIC AREA ARE LISTED HERE.



TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS

NOTES

THE COST OF THE ASPHALT MATERIALS, AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROADS AND APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

THE COST OF EXCAVATION IS INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

IF THERE IS NOT EXISTING HOT-MIX ASPHALT SHOULDER THEN THE ENTRANCE TAPER STARTS AT THE EDGE OF EXISTING PAVEMENT.

THE COST OF THE BITUMINOUS MATERIALS AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING		SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING		SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING		SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON				TON	TON				TON	TON				TON	TON
RT	733+86	PRA	3.5		RT	834+98	FE		1.6	RT	923+90	MBT		1.6	LT	986+44	MBT		2.0
LT	734+02	PRA	2.7		RT	843+82	PRA	2.6		LT	924+15	PRA	3.1		RT	986+48	PE	2.7	
RT	734+46	PRA		3.4	LT	844+16	PRA	1.9		RT	924+28	PE	1.7		LT	989+92	PE	1.3	
RT	737+95	PRA		1.5	LT	847+59	FE		1.1	LT	929+33	FE		1.8	LT	991+83	PE	1.4	
LT	740+57	FE		2.7	RT	849+07	FE		0.9	LT	933+08	PE	1.0		LT	993+37	FE		1.3
RT	741+43	PE		1.3	LT	851+07	FE		1.4	RT	933+11	PE	1.6		RT	999+84	PRA	2.2	
RT	741+58	MBT		1.6	RT	857+01	MBT		2.0	LT	933+54	MBT		1.6	LT	1004+65	FE		1.1
RT	747+55	MBT		1.6	LT	857+33	PE		1.4	RT	935+48	PE	2.7		RT	1004+66	FE		0.9
RT	747+77	PE		1.6	LT	858+57	FE		1.2	LT	936+90	FE		1.3	RT	1006+77	FE		1.3
LT	758+88	FE		1.1	RT	881+93	PE	1.4		RT	942+12	PE	1.2		LT	1013+49	FE		1.7
RT	759+10	FE		1.2	RT	882+07	MBT		1.6	LT	944+00	FE		1.4	RT	1017+14	FE		0.9
RT	769+93	FE		0.9	RT	882+95	PE	1.7		RT	947+18	PRA	2.4		RT	1018+38	PE	1.5	
RT	775+20	PRA	1.8		RT	895+04	PE	1.2		LT	947+44	FE	1.4		LT	1018+55	MBT		1.6
RT	785+00	FE		0.9	RT	897+14	PRA	2.1		RT	950+24	MBT		2.0	LT	1019+80	PE	1.6	
RT	804+92	FE		1.3	LT	897+03	PRA	2.5		RT	950+94	PE	1.2		RT	1019+87	PE		1.6
LT	804+95	FE		1.8	RT	905+26	FE		1.2	LT	953+27	FE		1.2	LT	1023+20	PRA	3.0	
RT	817+00	FE		1.5	LT	910+20	FE		1.5	LT	958+71	MBT		2.0	LT	1025+57	PE		1.1
LT	817+96	FE		1.1	RT	917+87	FE		1.0	RT	960+11	PE		0.0	LT	1025+91	MBT		1.6
RT	830+46	FE		1.3	RT	919+56	MBT		1.6	LT	961+08	PE		0.0	RT	1026+30	PRA	3.0	
LT	830+71	FE		1.2	RT	919+71	PE	1.1		RT	966+67	FE		0.0	LT	1026+31	PE	1.2	
LT	834+22	FE		2.1	RT	922+87	PE		1.7	LT	982+62	PE		0.0	LT	1030+63	FE		0.0

FE=FIELD ENTRANCE PRA - PUBLIC ROAD APPROACH
PE=PRIVATE ENTRANCE MBT - MAILBOX TURNOUT
CE=COMMERCIAL ENTRANCE

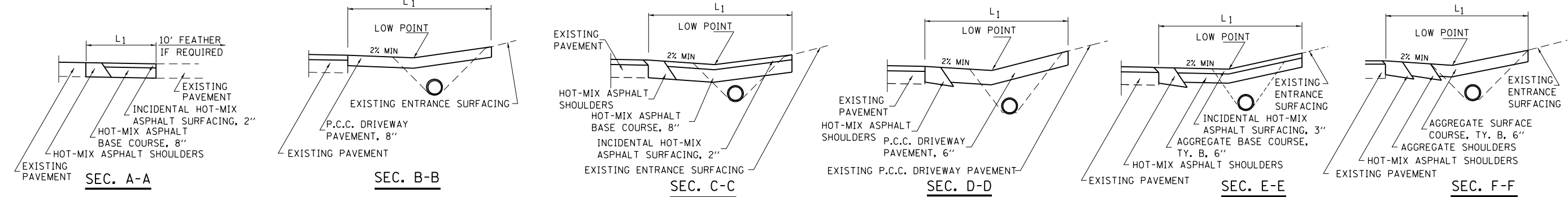
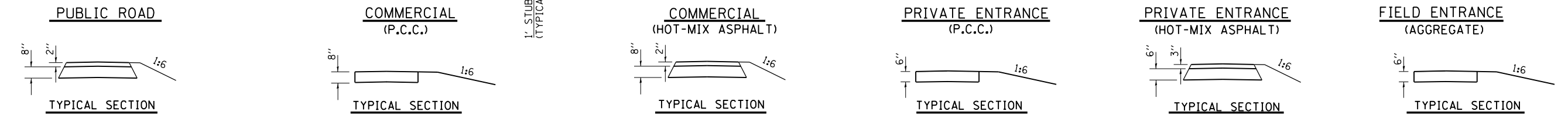
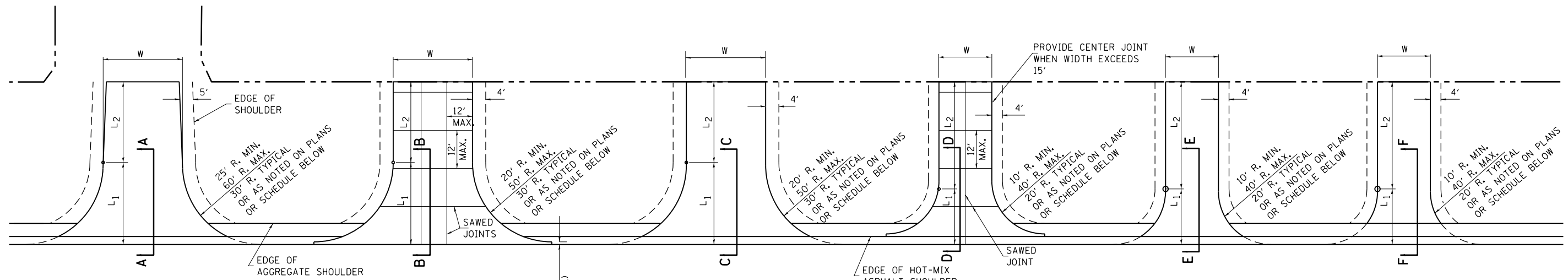
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RURAL ENTRANCE SCHEDULE AND MAILBOX TURNOUT DETAILS
WITH SHOULDERS**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N		84	13
• Effingham, Fayette		CONTRACT NO. 74052		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



ENTRANCE SCHEDULE

TYPE	SIDE/ STATION	WIDTH	LENGTH		RADI	AGGREGATE BASE COURSE, TYPE B		INCIDENTAL HMA SURFACING	AGGREGATE SURFACE COURSE, TYPE B	AGGREGATE SURFACE COURSE, TYPE A	P.C.C. DRIVEWAY PAVEMENT	
			L ₁	L ₂		TON	SO. YD.				TON	TON
PE	RT 862+43	12	20	18	20	24		11.7				
FE	RT 868+00	20	20	18	20		23					
FE	LT 868+39	20	20	21	20		26					
PE	RT 869+43	24	20	18	20	41		20.2				
CE	RT 872+42	35	30	13			200	22.4				
FE	LT 872+46	24	20	26	20		36					
PE	RT 873+44	35	20	23	20	64		31.3				
PE	RT 879+02	18	20	8	20	26		12.6				
CE	RT 880+60	24	30	0	30		117	13.1				
CE	RT 2000+52	24	30	4	20		91	10.2				
CE	LT 2002+27	24	26	20	20		107	12.0				
CE	RT 2002+89	35	30	11	30		184	20.6				
	TOTALS					155	699	85	154.1			

NOTES

L₁ = DISTANCE FROM EDGE OF PAVEMENT TO RADIUS POINT OR MAXIMUM DISTANCE OF 30'.
L₂ = DISTANCE FROM RADIUS POINT OR MAXIMUM DISTANCE OF 30' FROM EDGE OF PAVEMENT TO R.O.W. LINE
MATERIAL USED TO CONSTRUCT L₂ LENGTH SHALL BE THE SAME TYPE OF MATERIAL AS THE EXISTING ENTRANCE

THE THICKNESS OF THE HOT-MIX ASPHALT SHOULDERS THROUGH COMMERCIAL ENTRANCES (HOT-MIX ASPHALT) AND PUBLIC ROADS SHALL BE 10". THE COST OF THE EXTRA THICKNESS SHALL BE INCLUDED WITH THE HOT-MIX ASPHALT SHOULDERS PAY ITEM.

THE COST OF THE BITUMINOUS MATERIALS AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

HOT-MIX ASPHALT SHOULDERS SHALL NOT BE CONSTRUCTED THROUGH PCC ENTRANCE OR PUBLIC ROAD APPROACH.

FE=FIELD ENTRANCE PRA - PUBLIC ROAD APPROACH
PE=PRIVATE ENTRANCE MBT - MAILBOX TURNOUT
CE=COMMERCIAL ENTRANCE

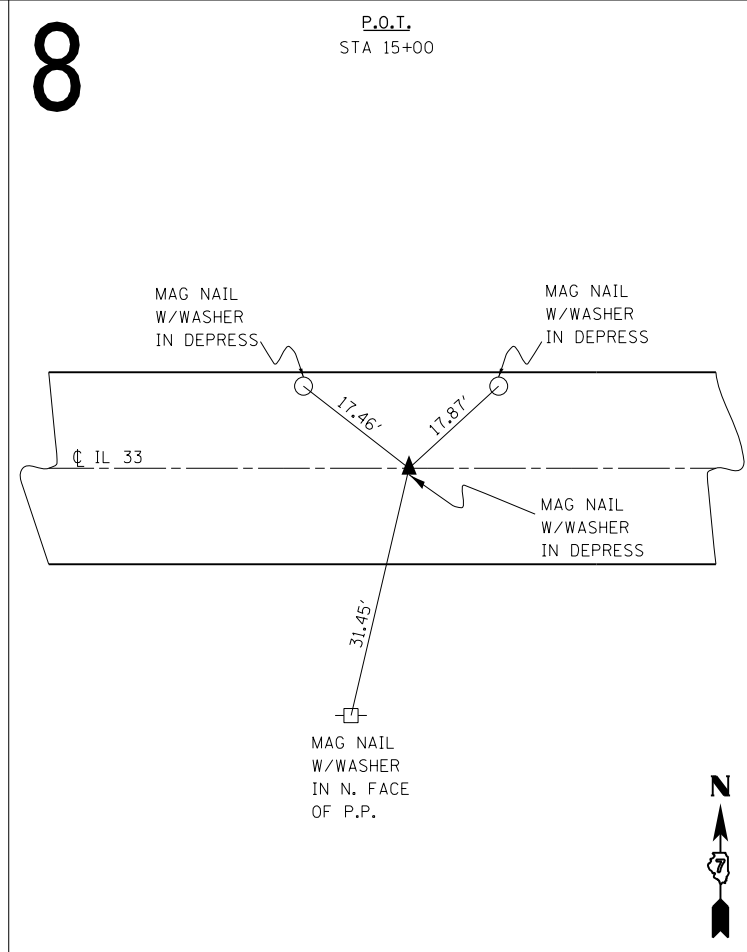
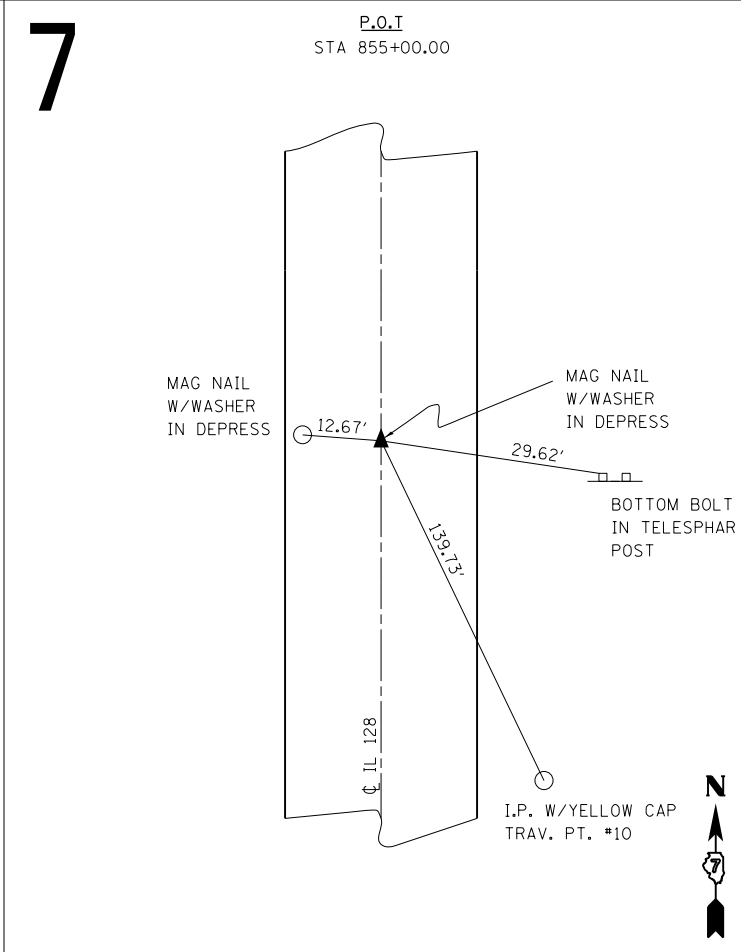
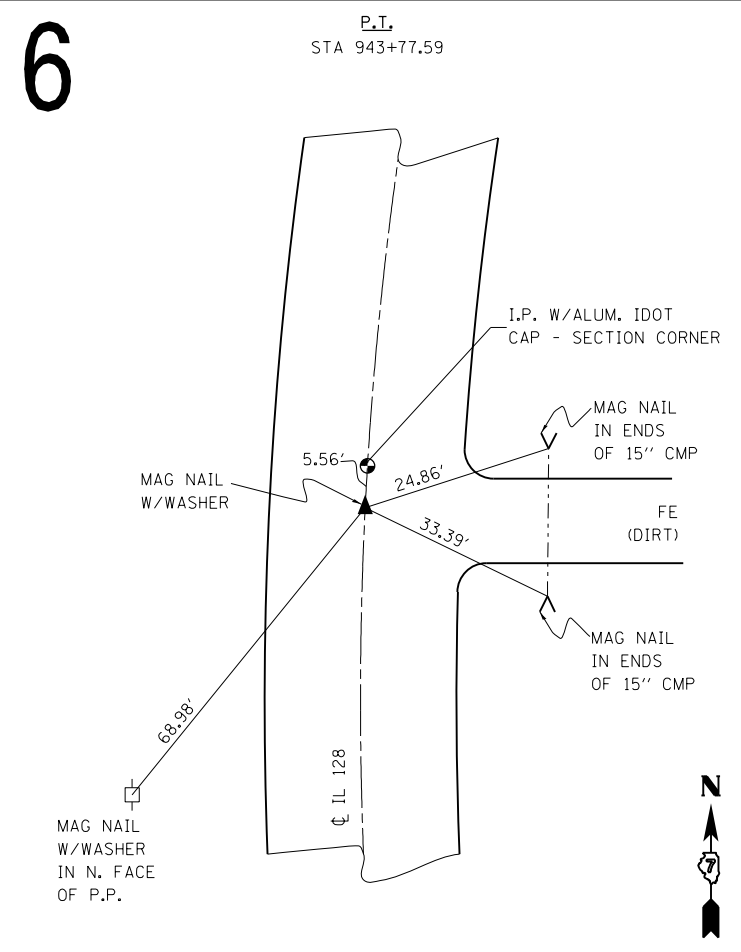
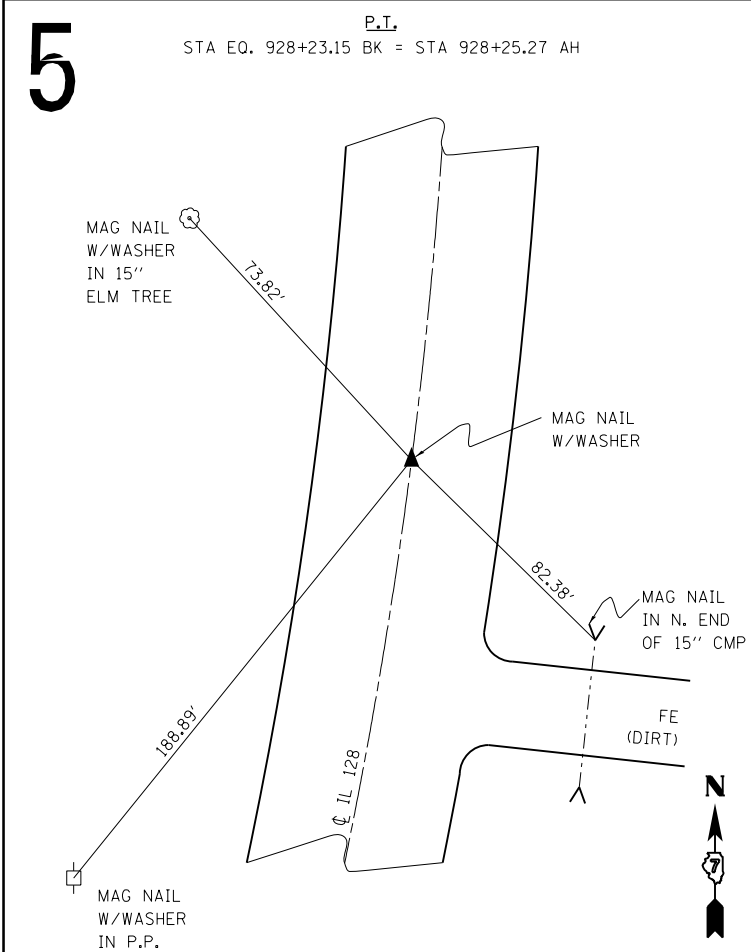
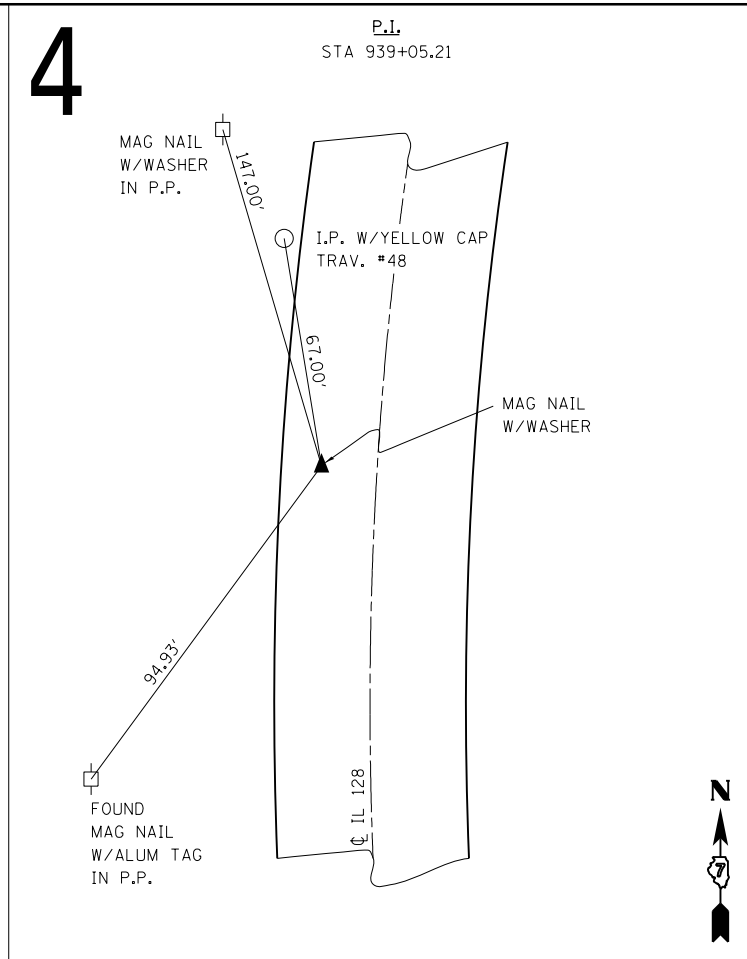
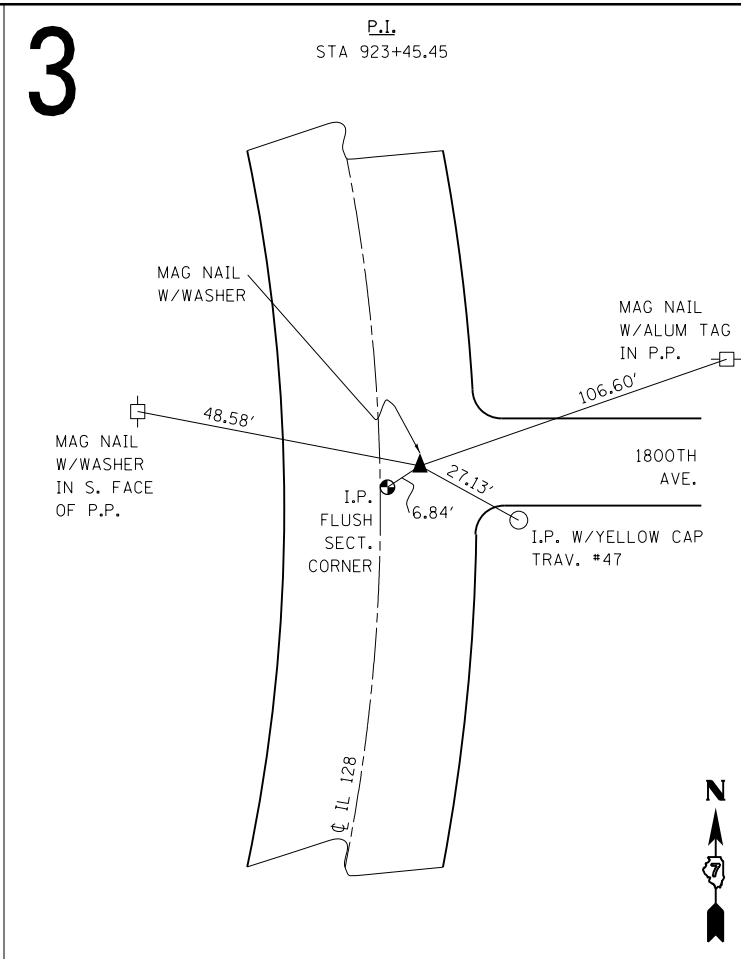
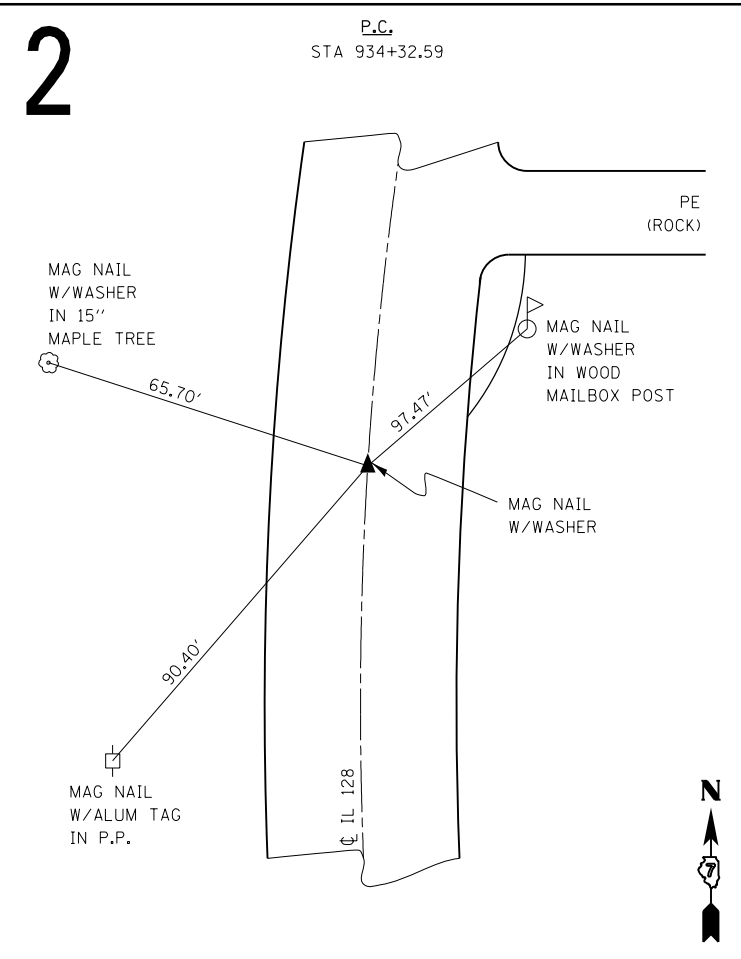
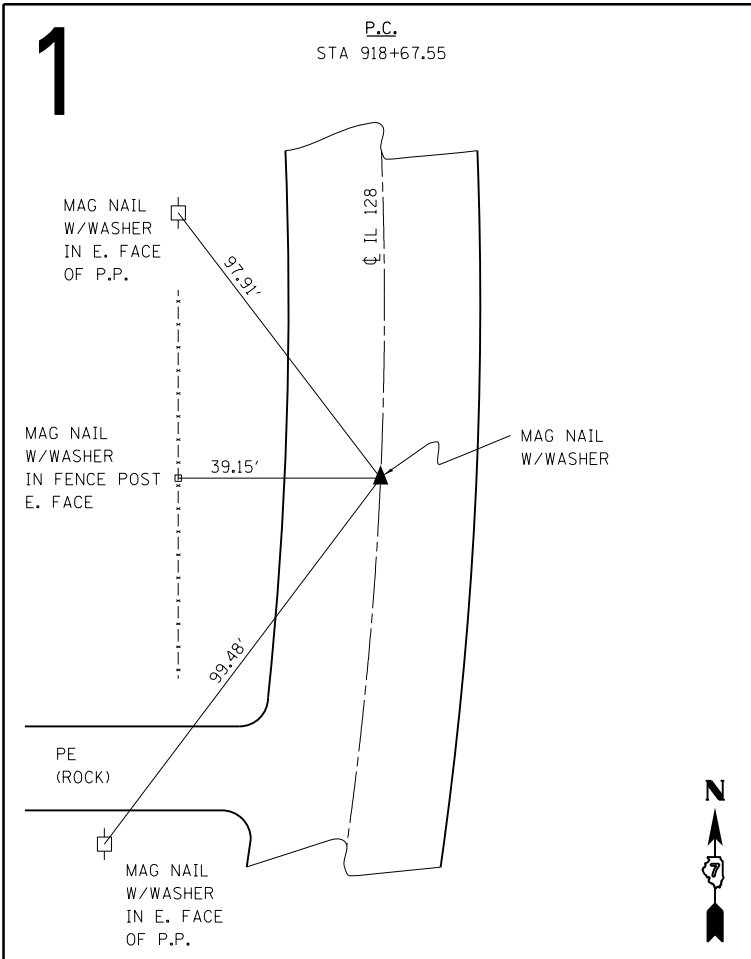
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE SCHEDULE AND MAILBOX TURNOUT DETAILS
WITH BASE COURSE WIDENING

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N		84	15
Effingham, Fayette		CONTRACT NO. 74052		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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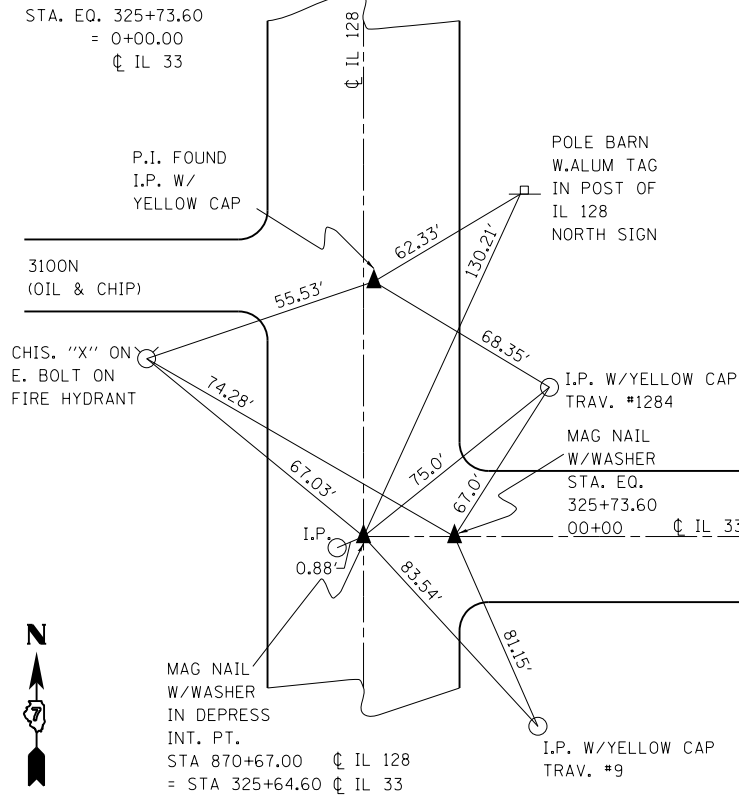
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SURVEY TIES
 SCALE: N/A SHEET NO. 1 OF 8 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	• Effingham, Fayette	84	16
CONTRACT NO. 74052			ILLINOIS FED. AID PROJECT	

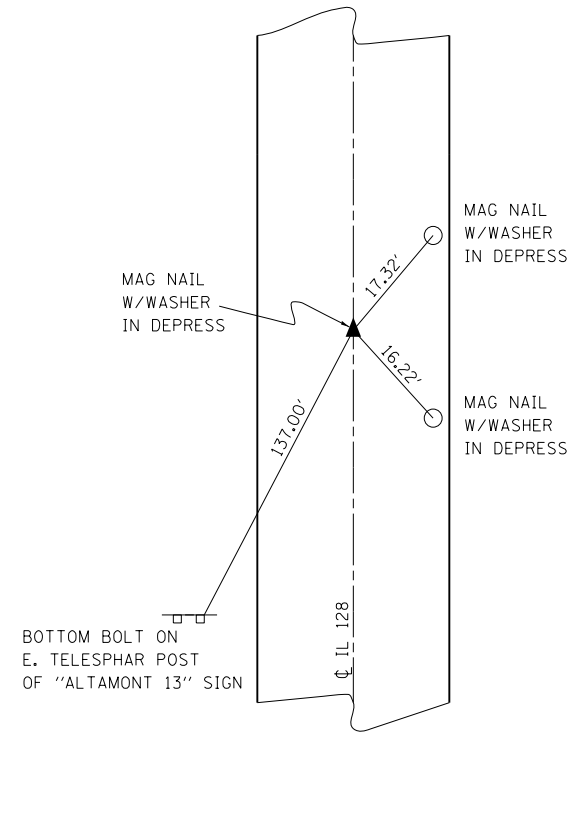
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P.I. - CL 128
869+95.06



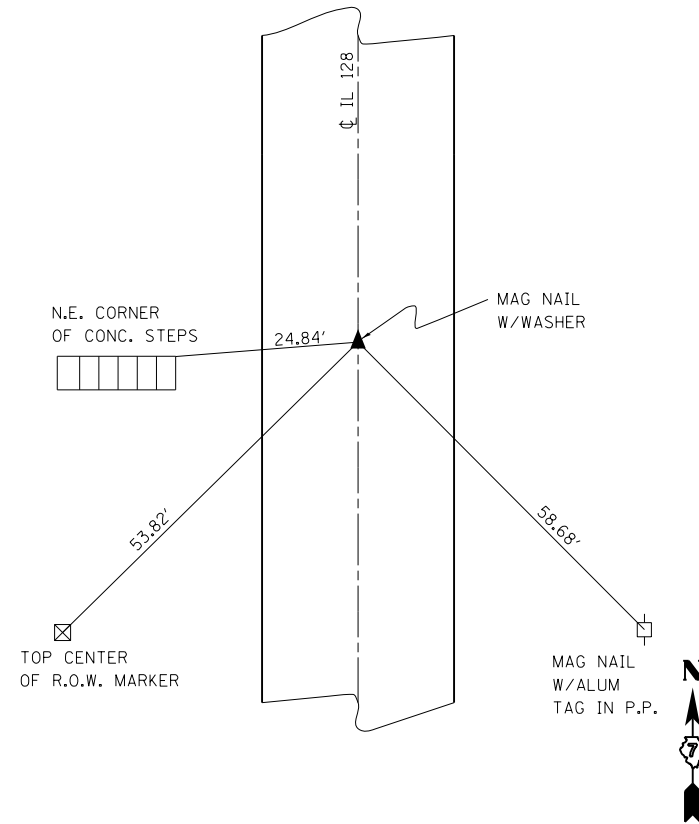
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P.O.T.
STA 885+00.00



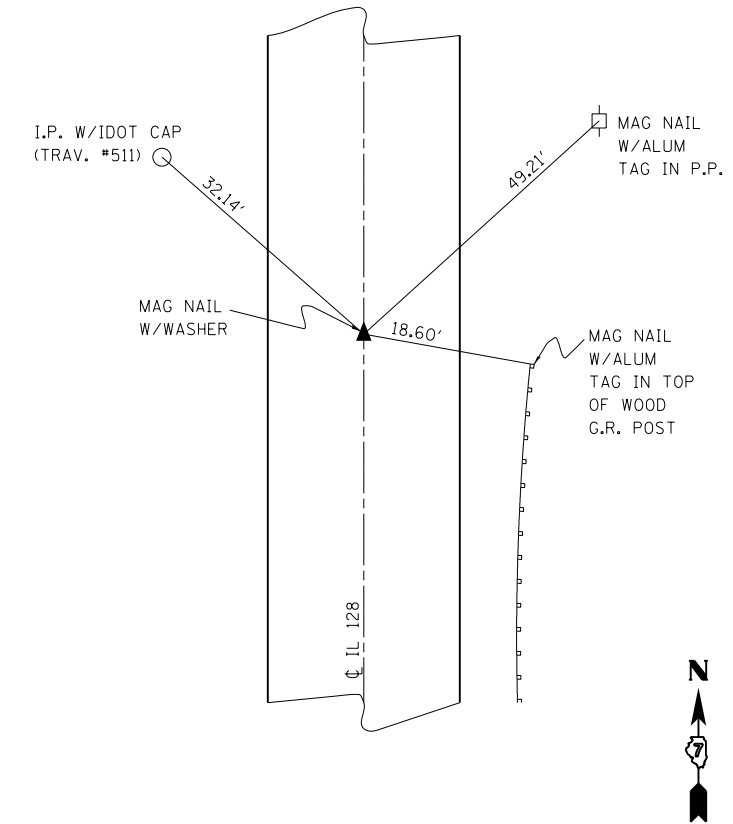
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P.O.T.
STA 950+00.00



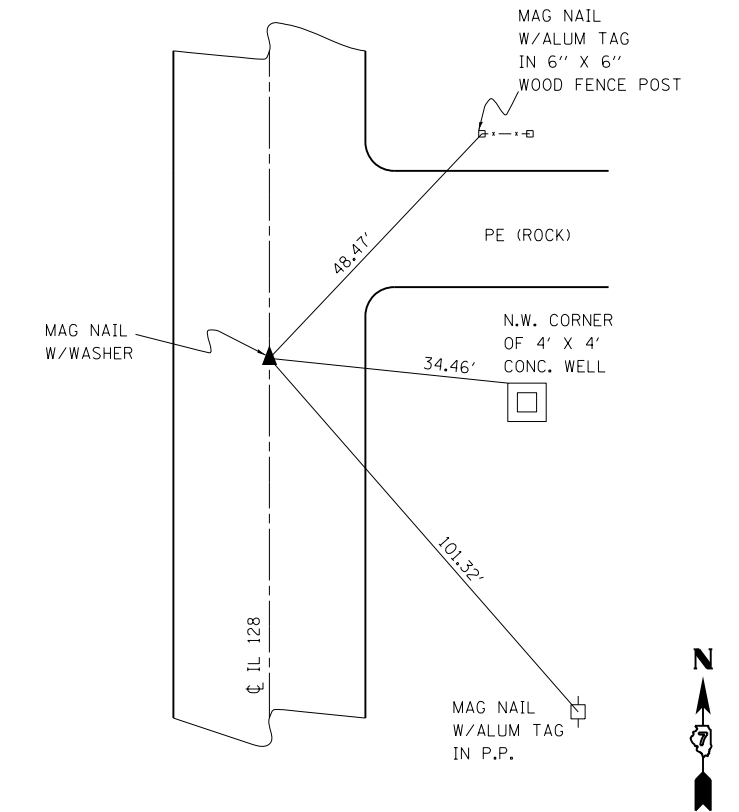
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P.I. (kink)
STA 972+80.24



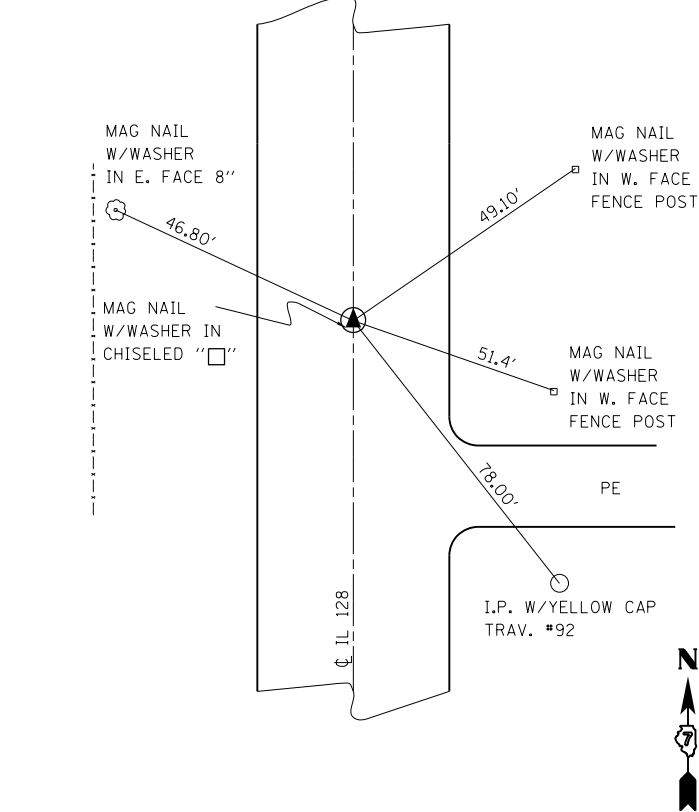
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P.O.T.
STA 990+00.00



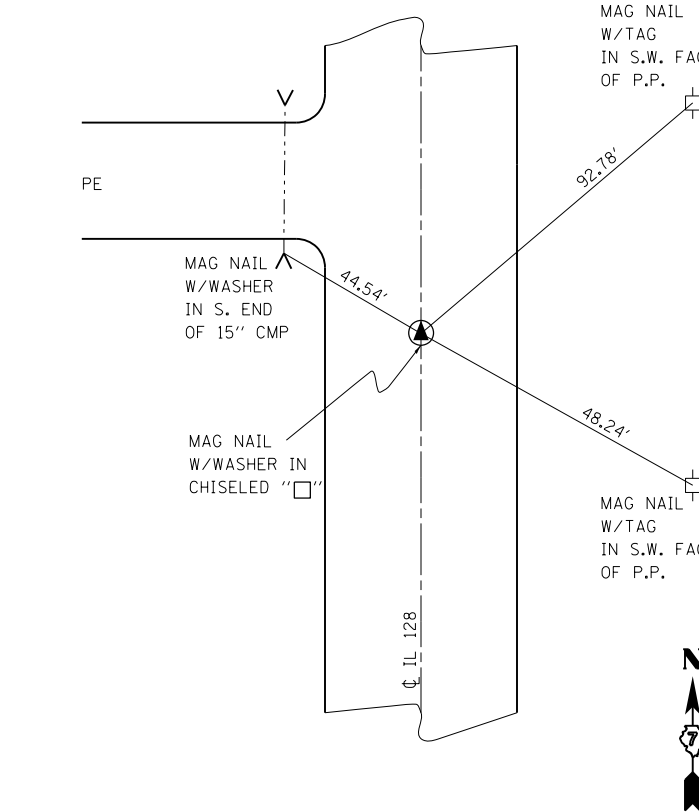
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P.O.T.
STA 1030+00



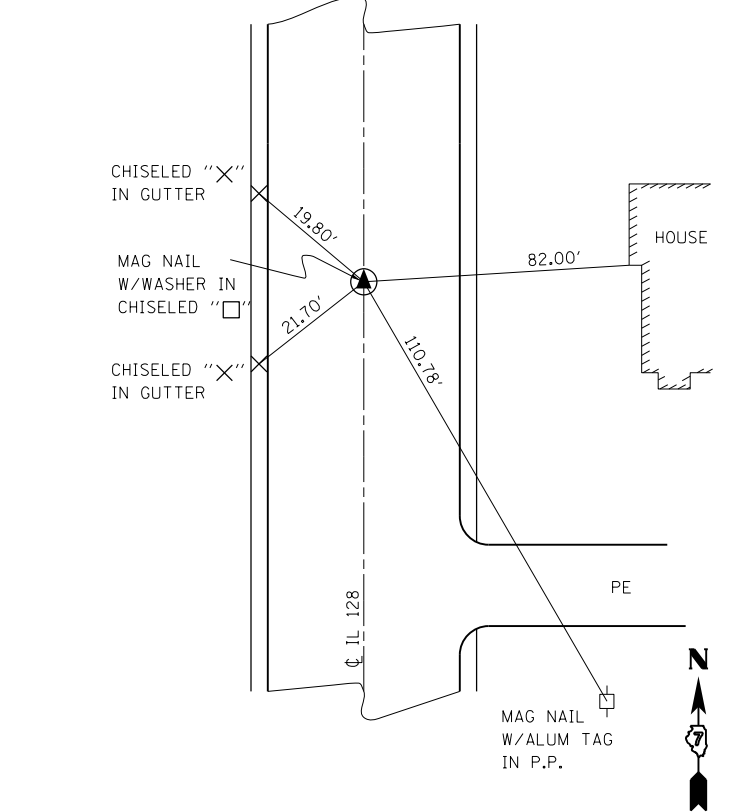
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P.O.T.
STA 1052+00



16

P.I.
STA 1074+29.82



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

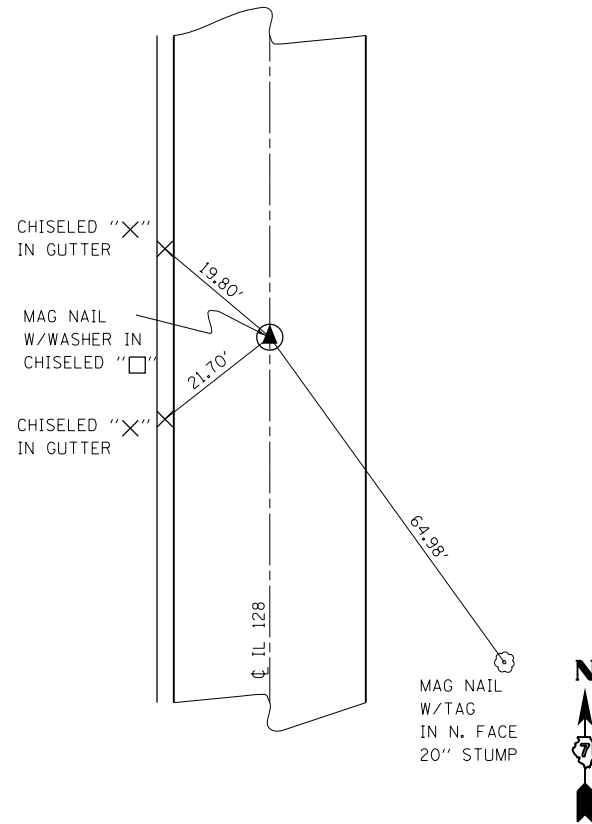
SURVEY TIES

SCALE: N/A SHEET NO. 2 OF 8 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				

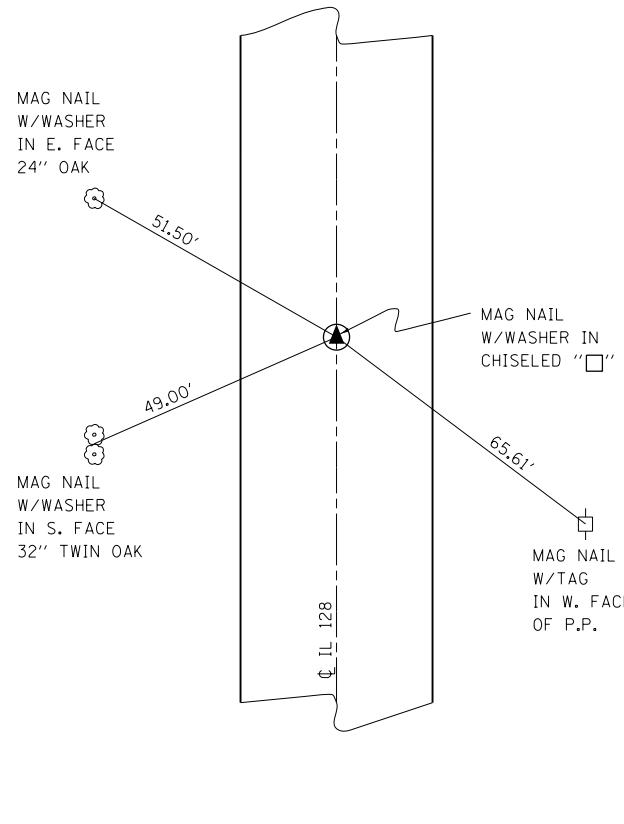
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P.I.
STA 1092+04.82



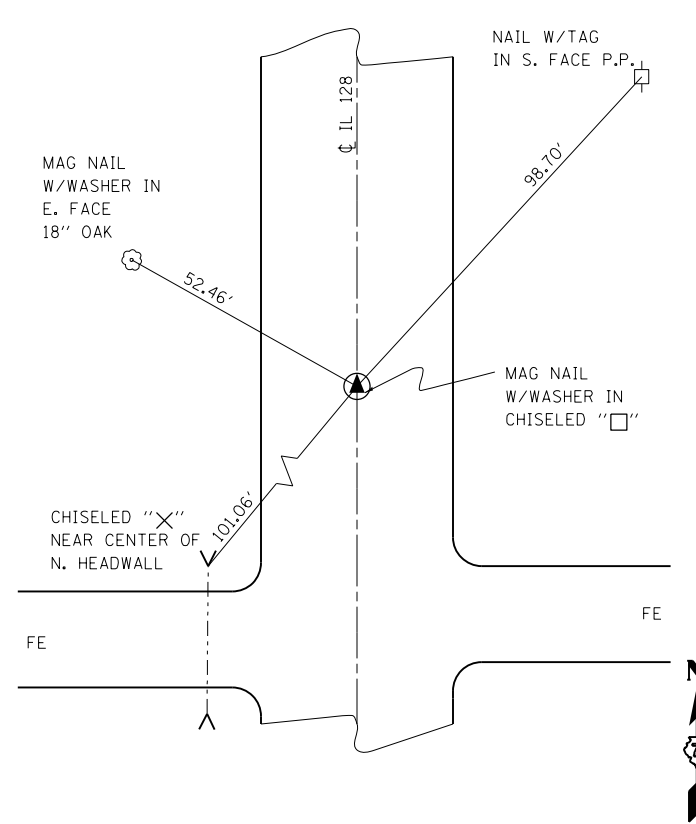
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P.O.T.
STA 1100+00



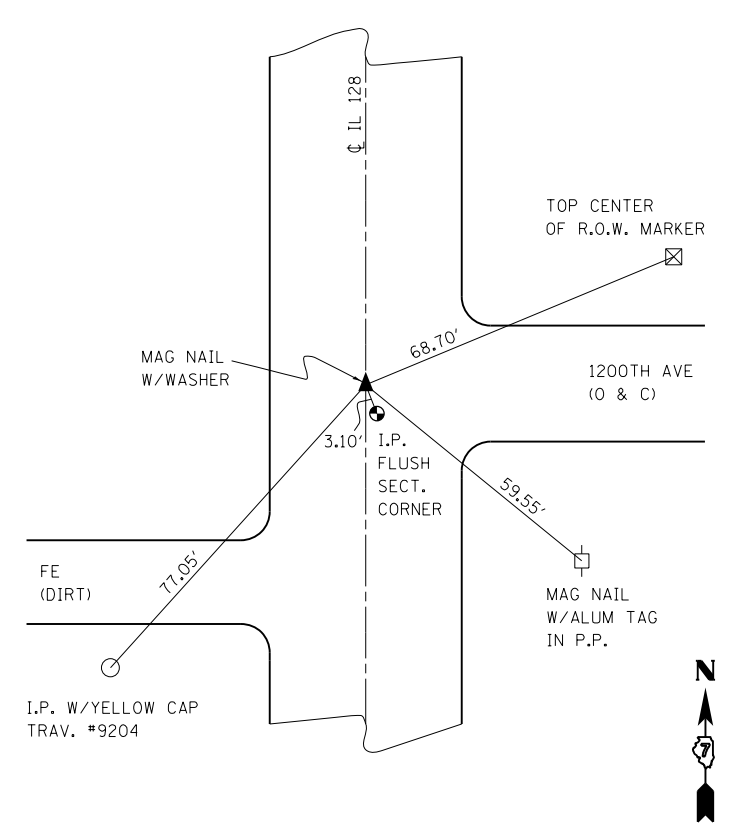
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P.O.T.
STA 1167+79.59



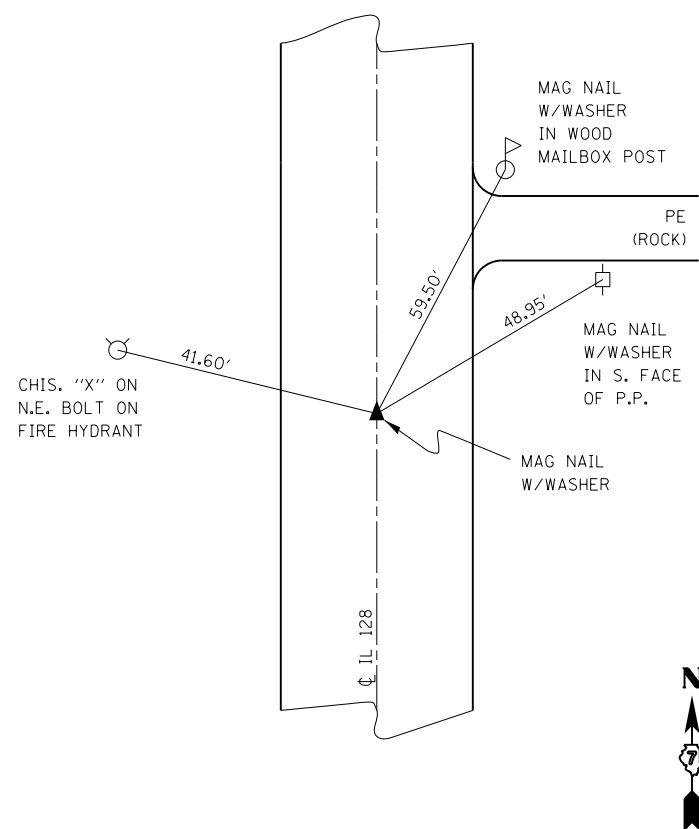
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P.I.
STA 1237+79.39



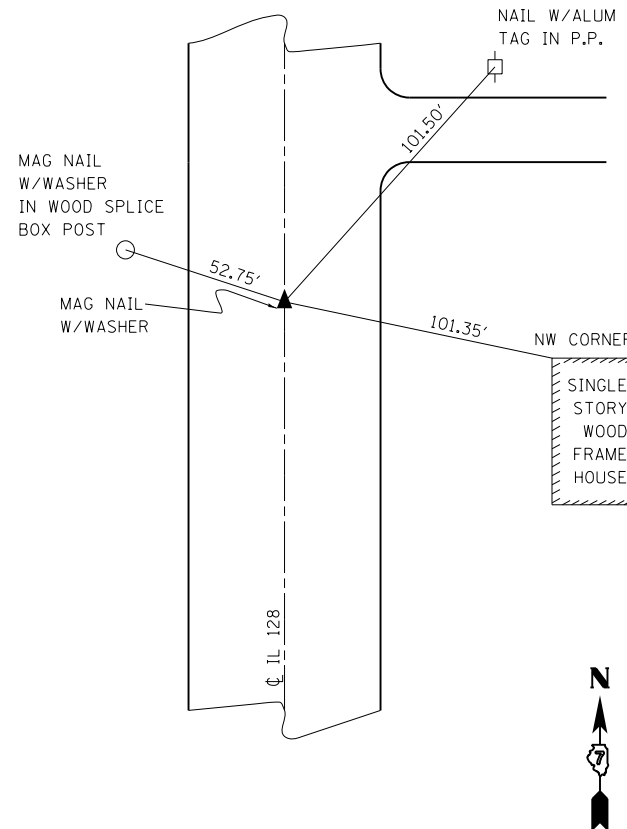
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STA 1359+79.03



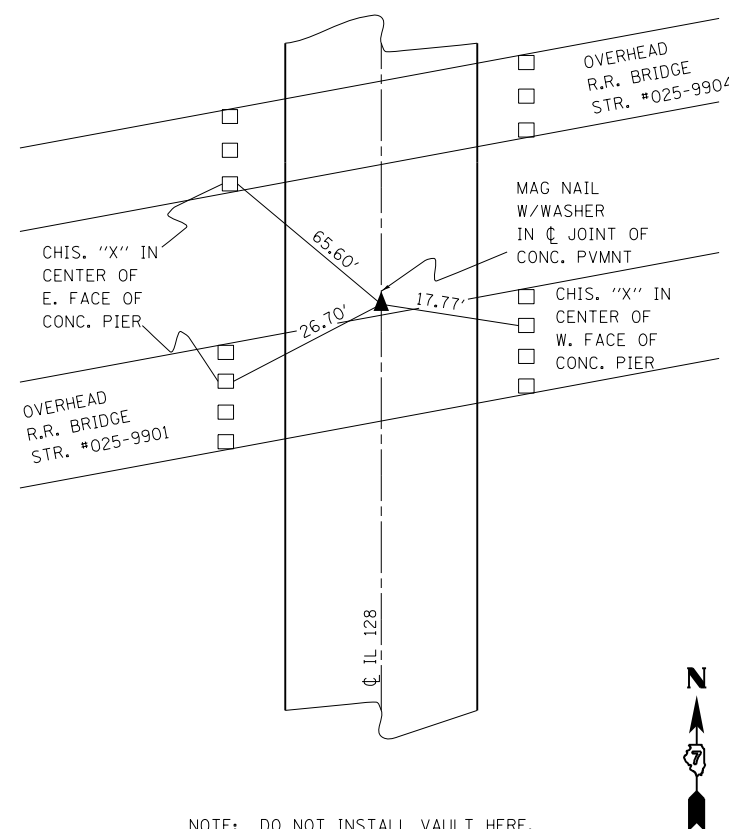
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P.I.
STA 1272+79.24



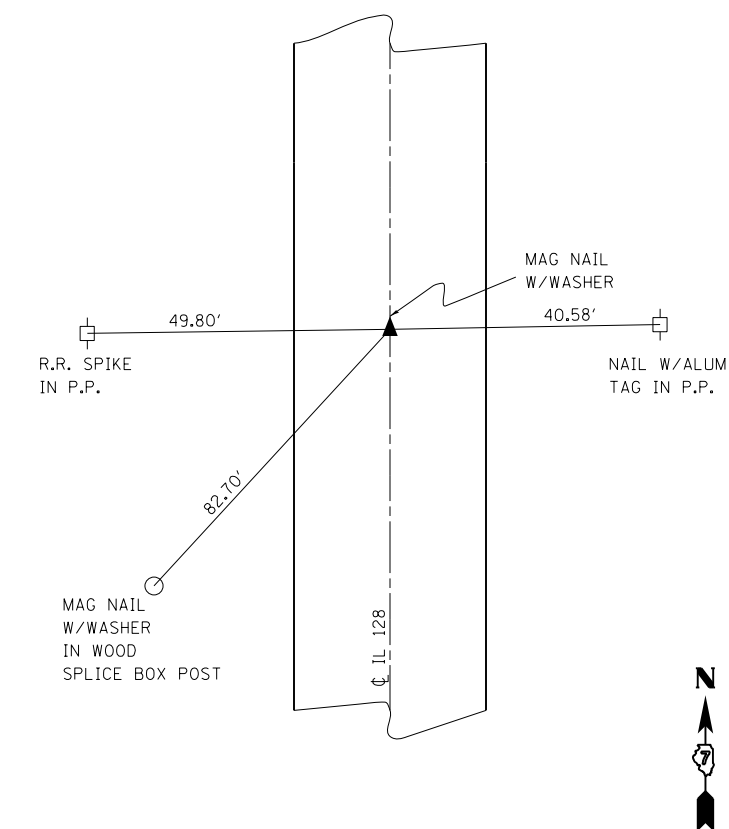
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P.I.
STA 1392+78.88



24

P.I.
STA 1343+79.10



NOTE: DO NOT INSTALL VAULT HERE.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

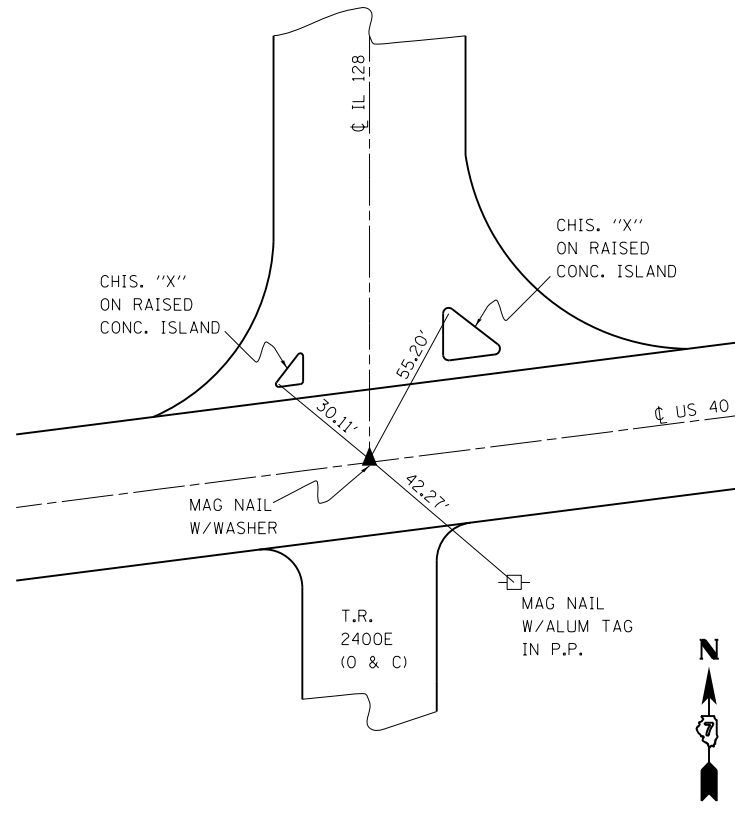
SURVEY TIES

SCALE: N/A SHEET NO. 3 OF 8 SHEETS STA. TO STA.

F.A.S. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N		84	18
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				

25

P.I.
STA 1416+90.78



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

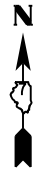
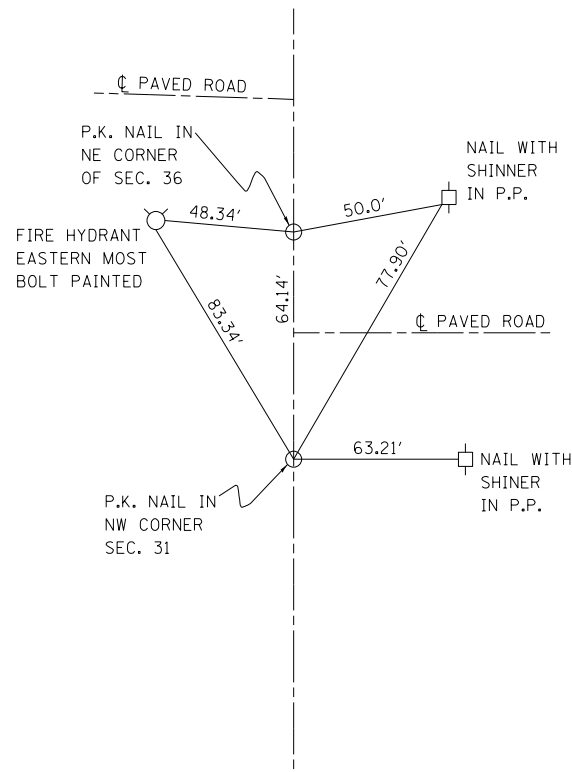
SURVEY TIES

SCALE: N/A SHEET NO. 4 OF 8 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				

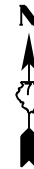
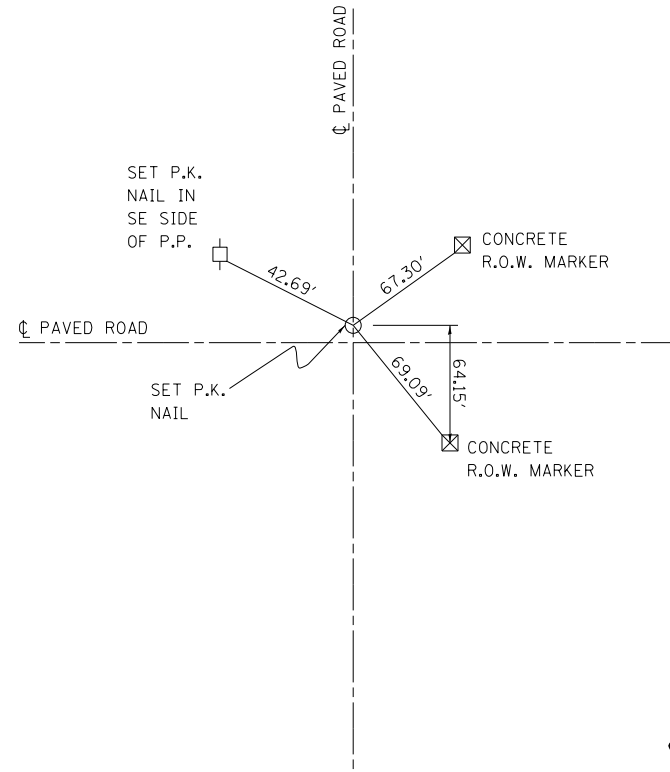
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T9N R3E
± STA 870+02.5
± STA 870+87



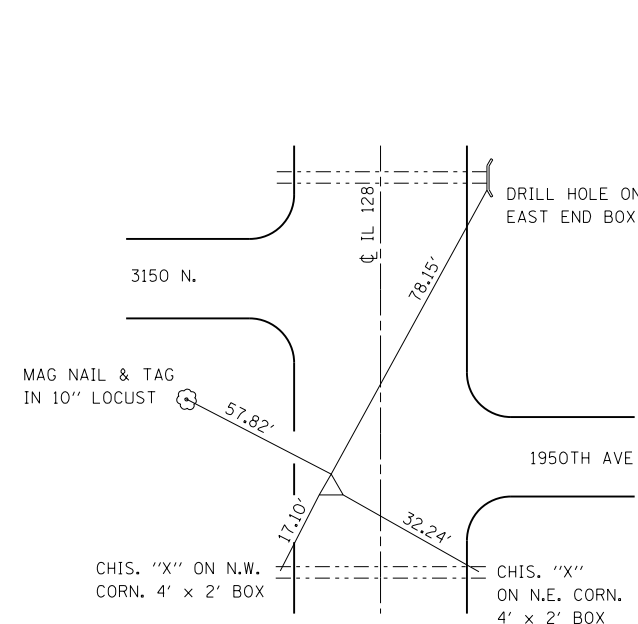
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E 1/4 CORNER SEC. 36
± STA 896+84



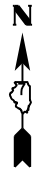
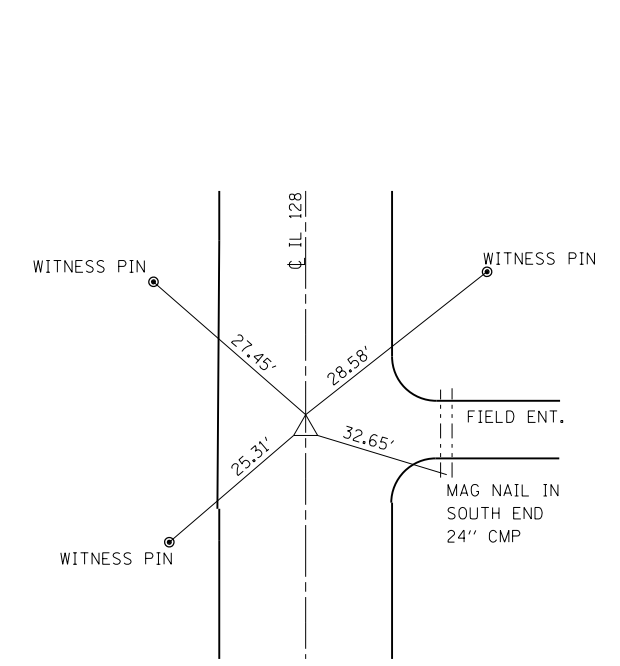
28

WEST QUARTER CORNER SEC. 30 T9N R4E
5/8" IRON PIN WITH ALUMINUM CAP (SET)
± STA 844+52



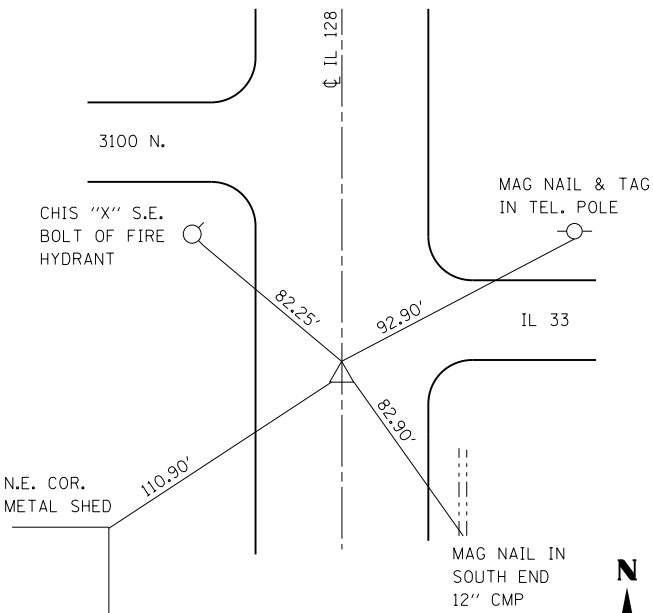
29

NORTHWEST CORNER SEC. 30 T9N R4E
P.K. NAIL & TAG (SET)
± STA 818+12



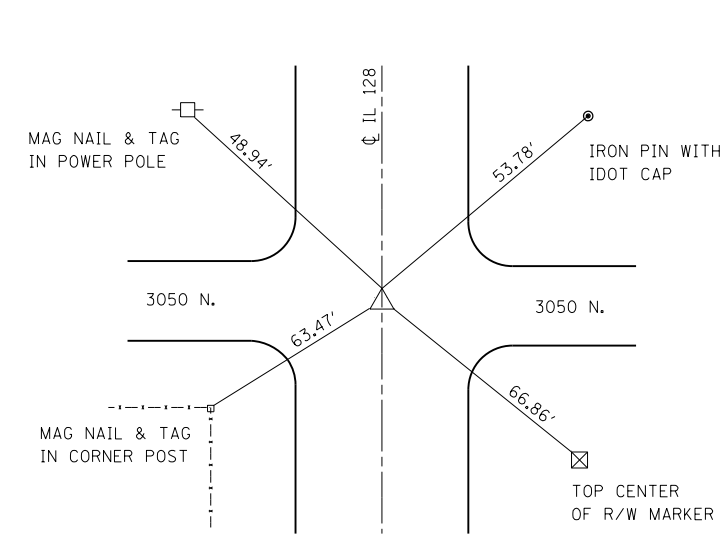
30

SOUTHWEST CORNER SEC. 30 T9N R4E
5/8" IRON PIN (SET)
± STA 870+86.9



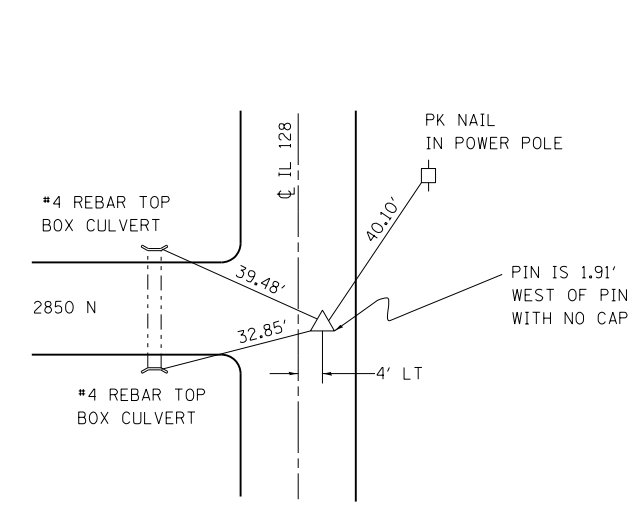
31

WEST QUARTER CORNER SEC. 31 T9N R4E
5/8" IRON PIN WITH IDOT CAP (FOUND)
± STA 896+89



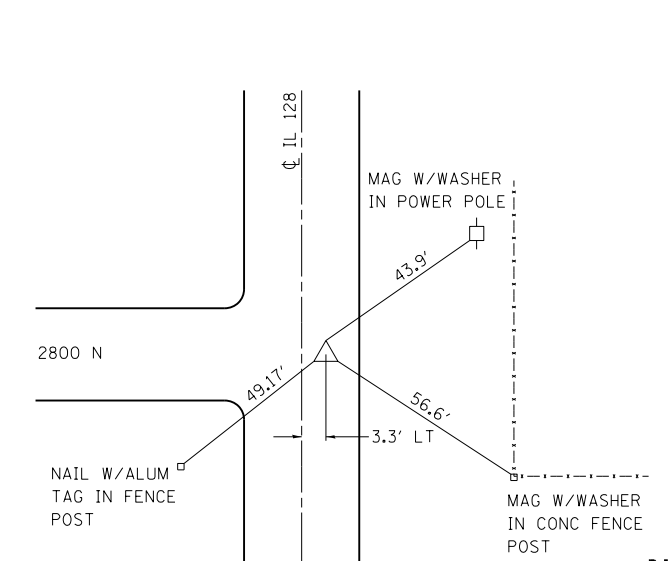
32

EAST QUARTER CORNER SEC. 12 T8N R3E
EXISTING 5/8" IRON PIN WITH IDOT CAP
± STA 999+72



33

SOUTHEAST CORNER SEC. 12 T8N R3E
5/8" IRON PIN WITH IDOT CAP (SET)
± STA 1026+08

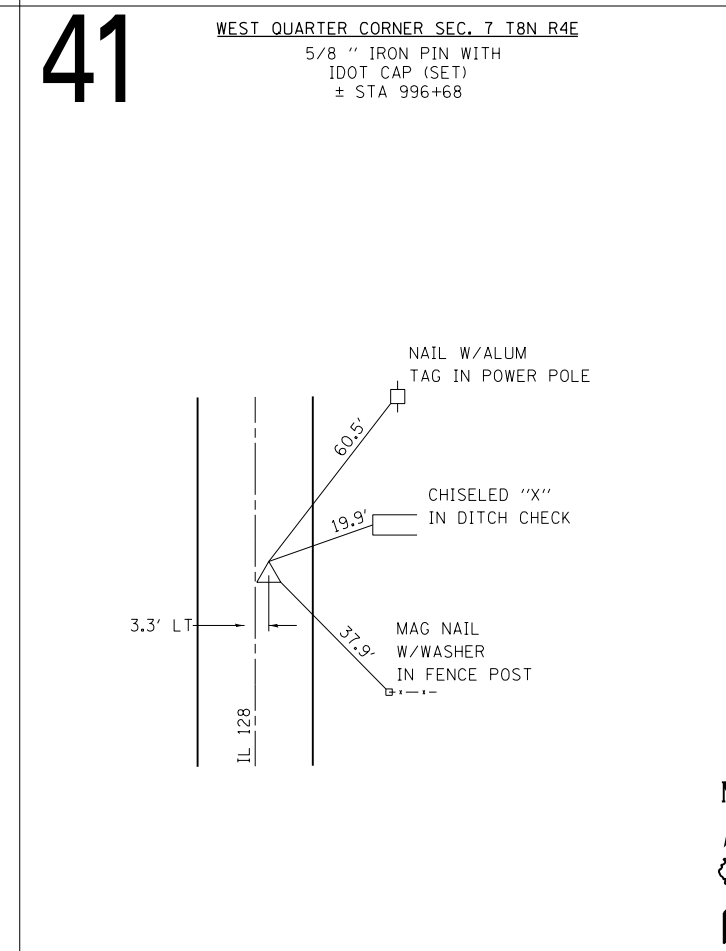
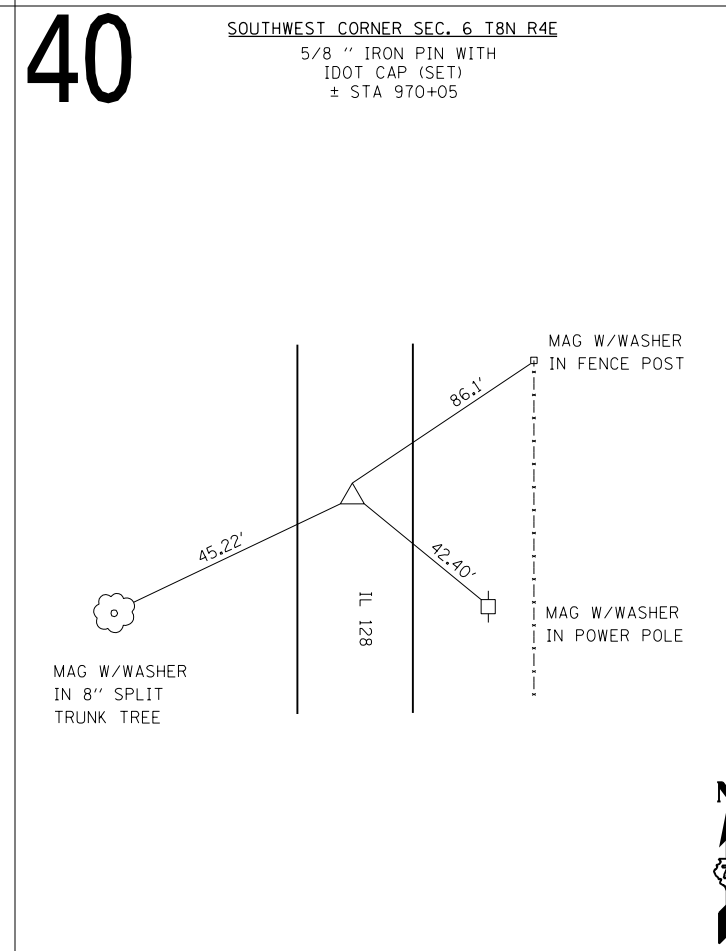
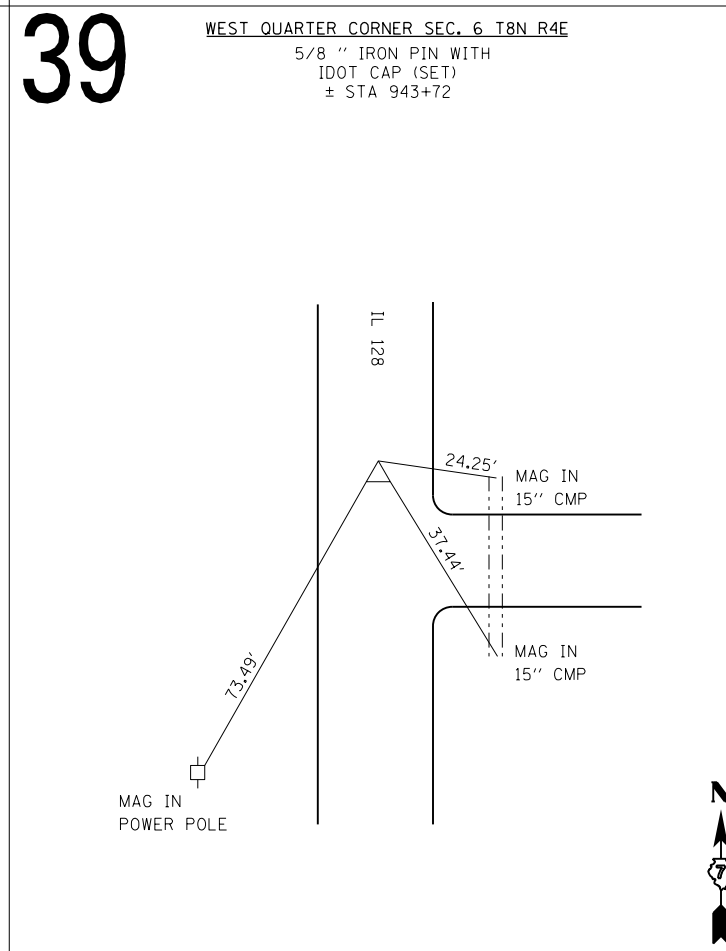
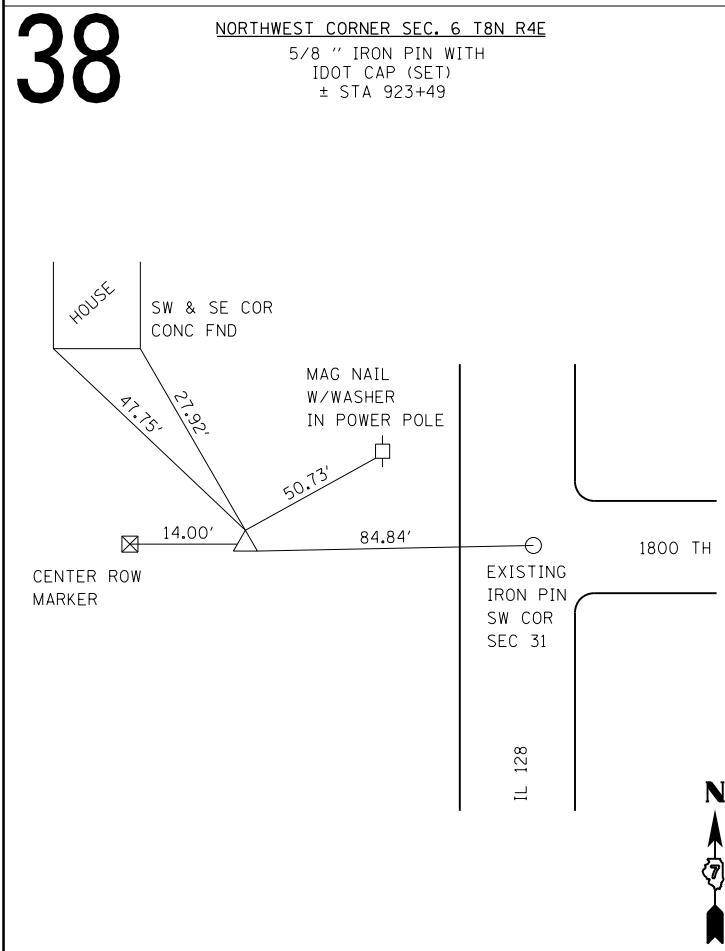
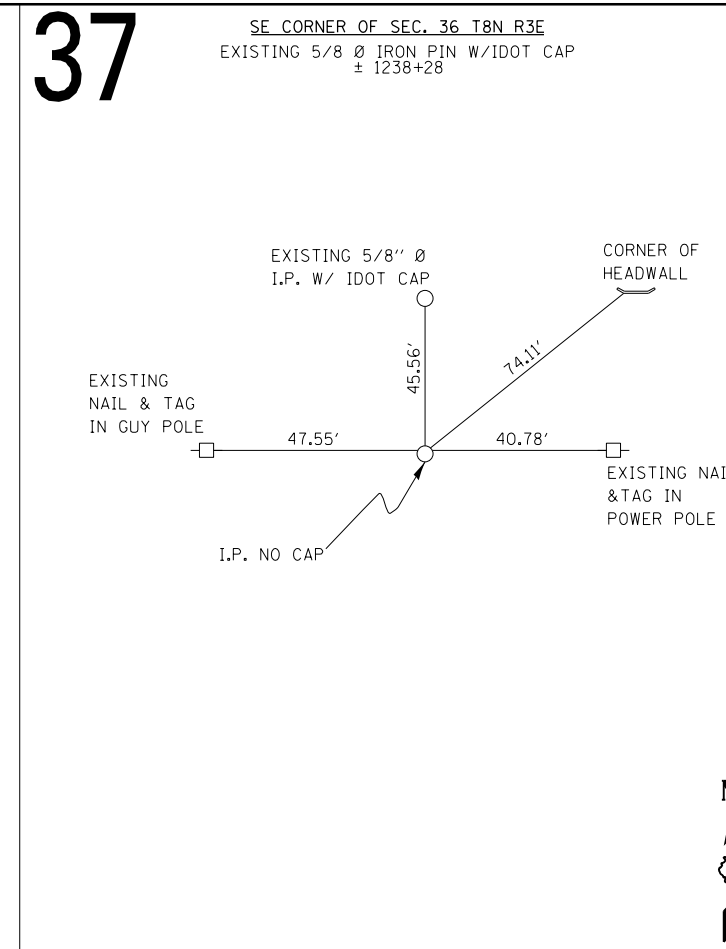
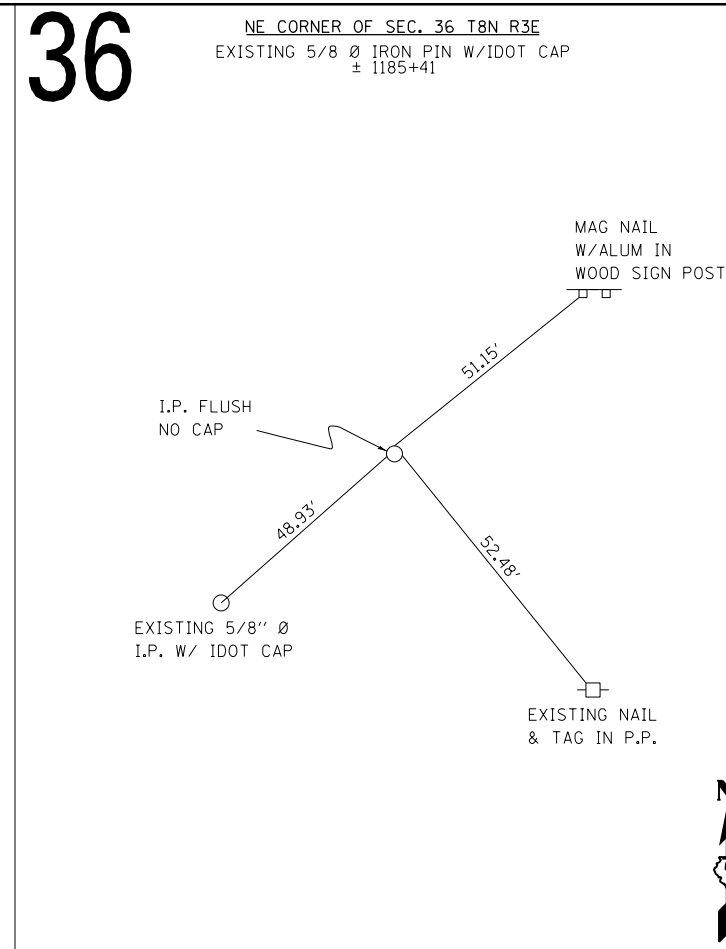
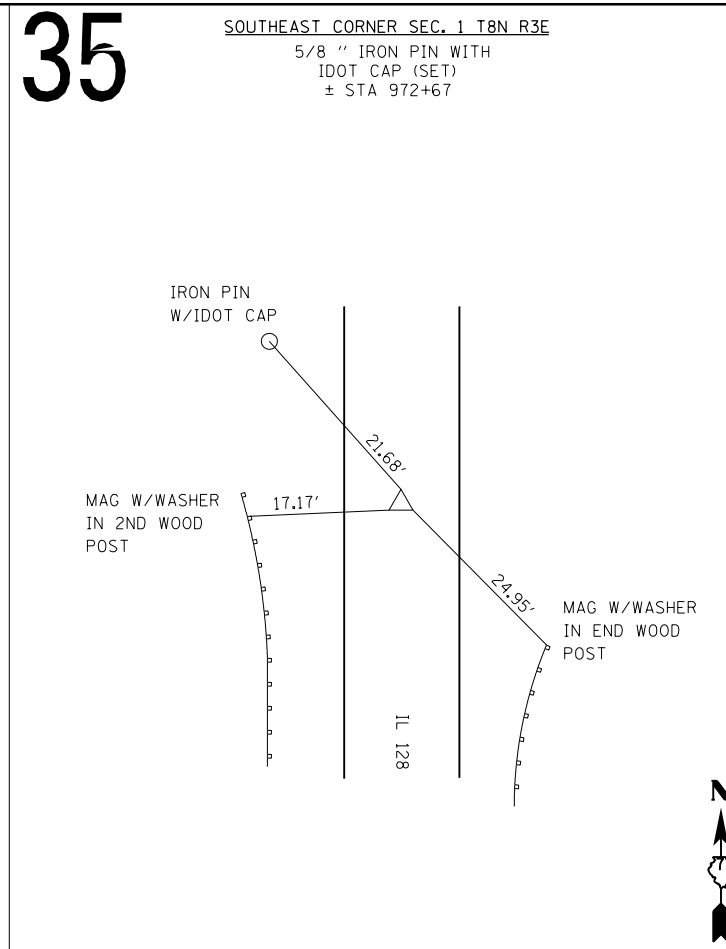
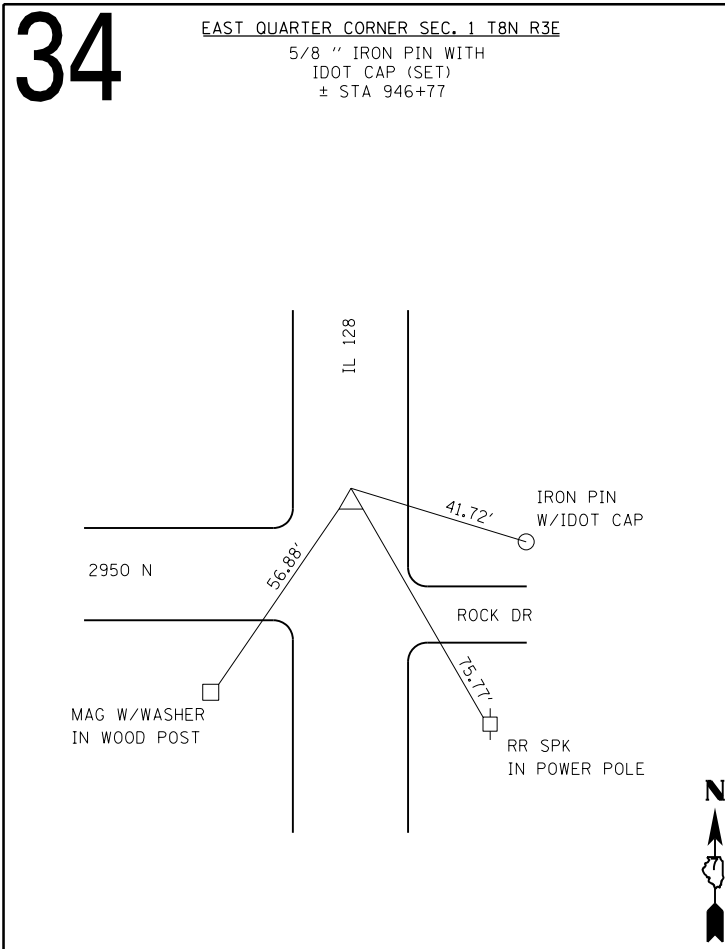


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY TIES	
SCALE: N/A	SHEET NO. 5 OF 8 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	Effingham, Fayette	84	20
CONTRACT NO. 74052			ILLINOIS FED. AID PROJECT	



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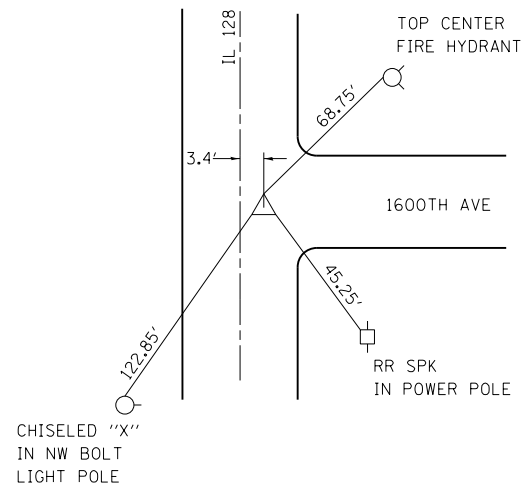
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SURVEY TIES			
SCALE: N/A	SHEET NO. 6 OF 8 SHEETS	STA.	TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	•	84	21
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				

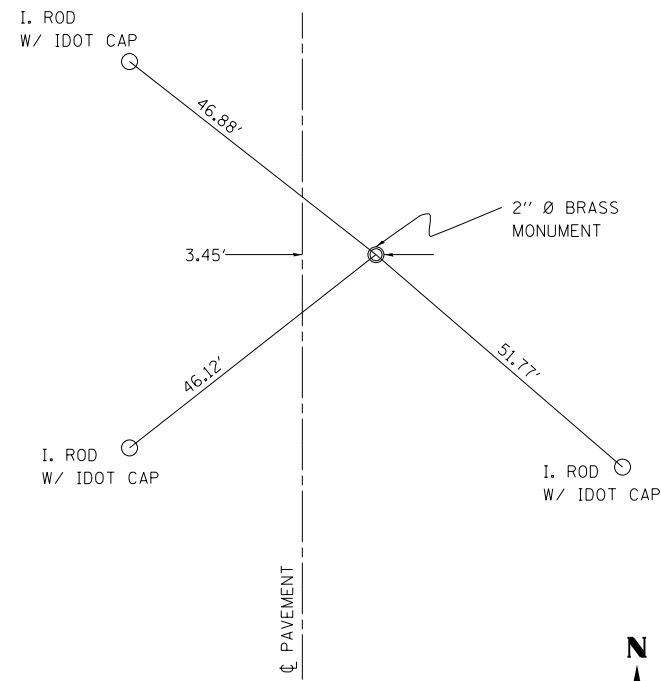
42

SOUTHWEST CORNER SEC. 7 T8N R4E
EXISTING BRASS STEM
± STA 1023+07



43

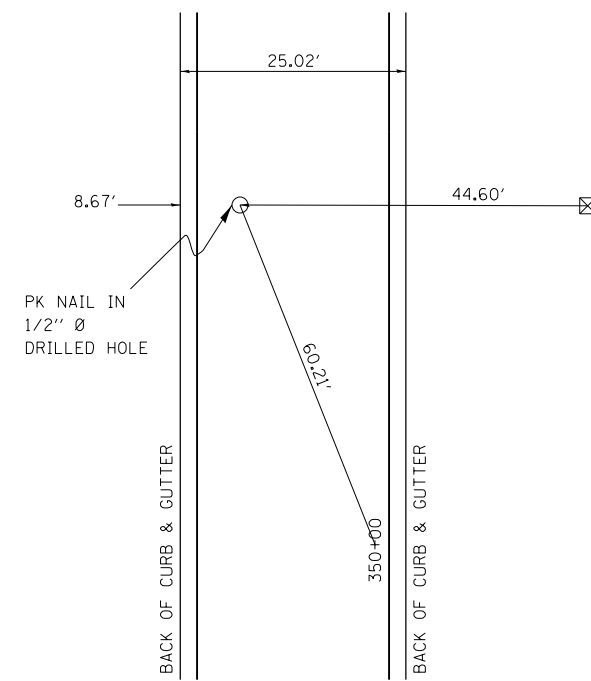
NW CORNER OF SEC 18
± STA 1023+07



NOTE: SAME POINT AS 42 - DIFFERENT TIES.

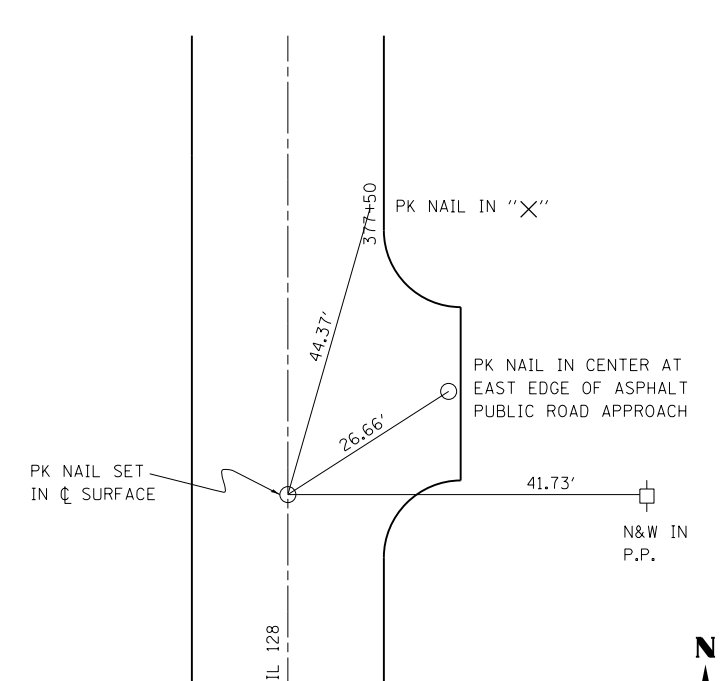
44

SW CORNER OF SEC 18
± STA 1076+25



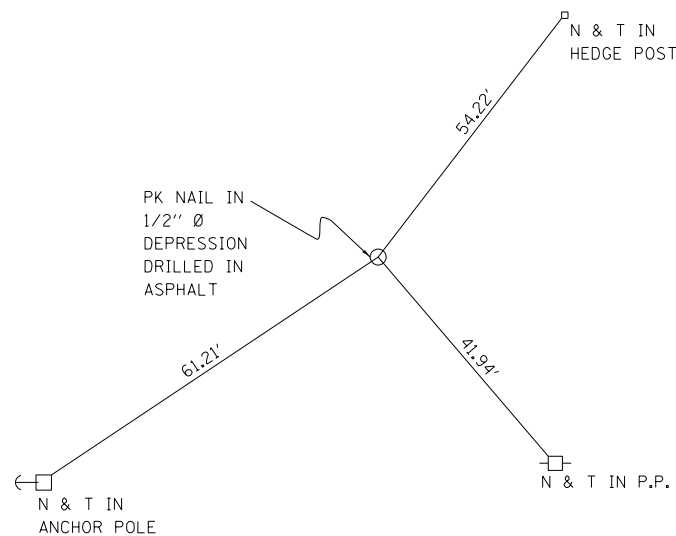
45

WEST 1/4 - CORNER OF SEC 18
± STA 1049+57



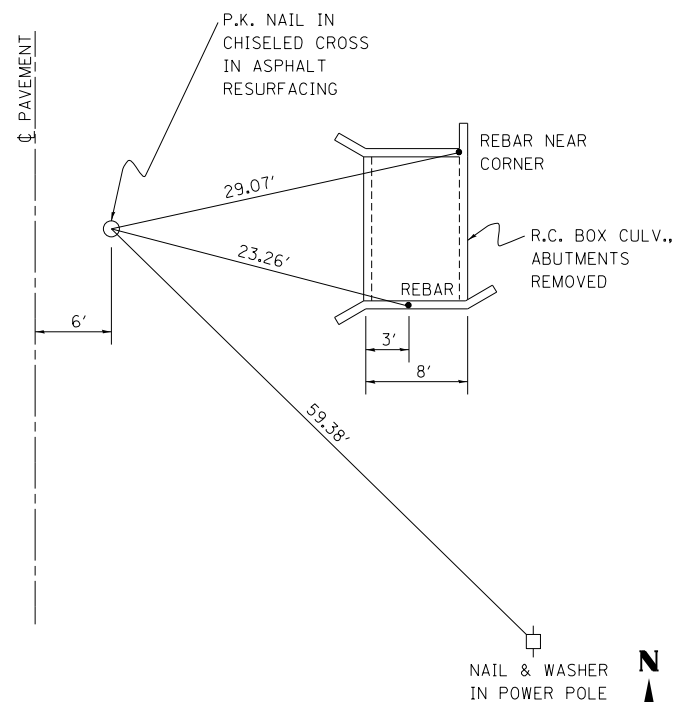
46

SW CORNER SEC. 6 T7N R4E
± STA 1284+74



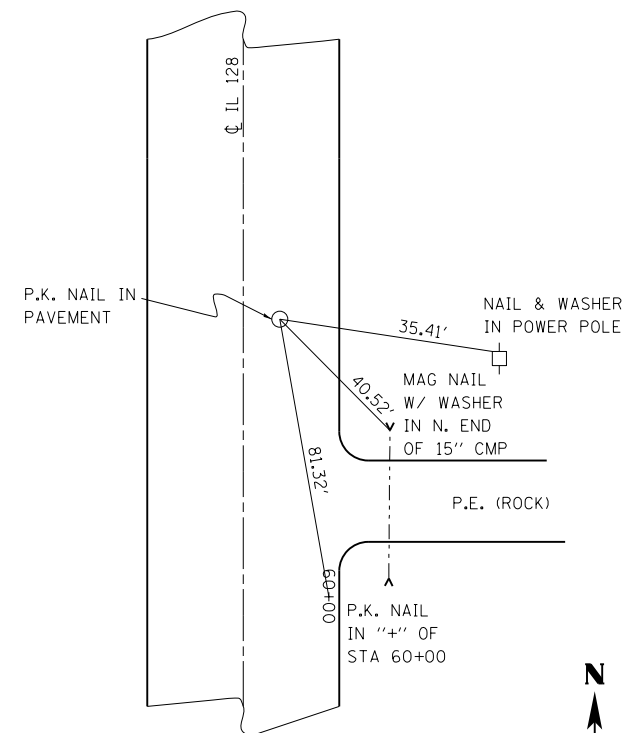
47

NW CORNER SEC 18
± STA 1338+47



48

W 1/4 CORNER SEC. 18 T7N R4E
± STA 1365+98



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	PLOT DATE = 6/6/2014	DATE -	REVISED -

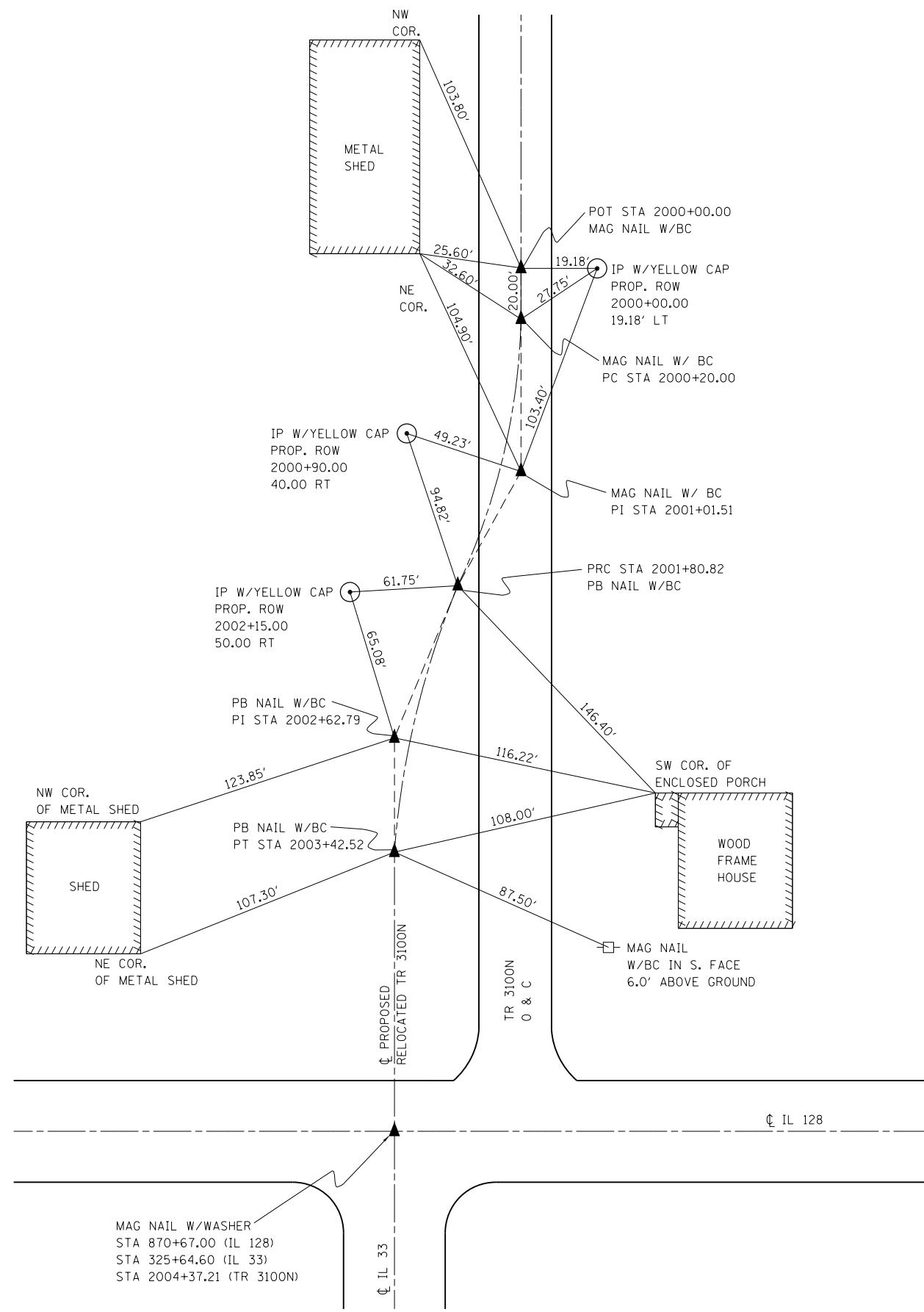
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY TIES

SCALE: N/A SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N		84	22
Effingham, Fayette			CONTRACT NO. 74052	

ILLINOIS FED. AID PROJECT



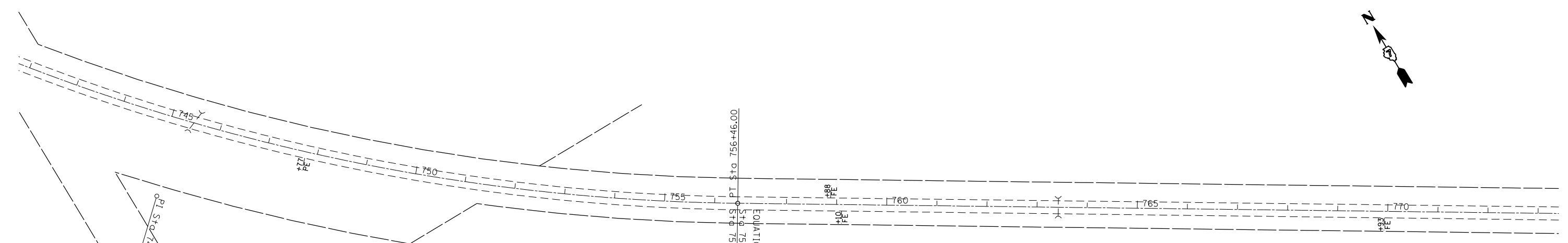
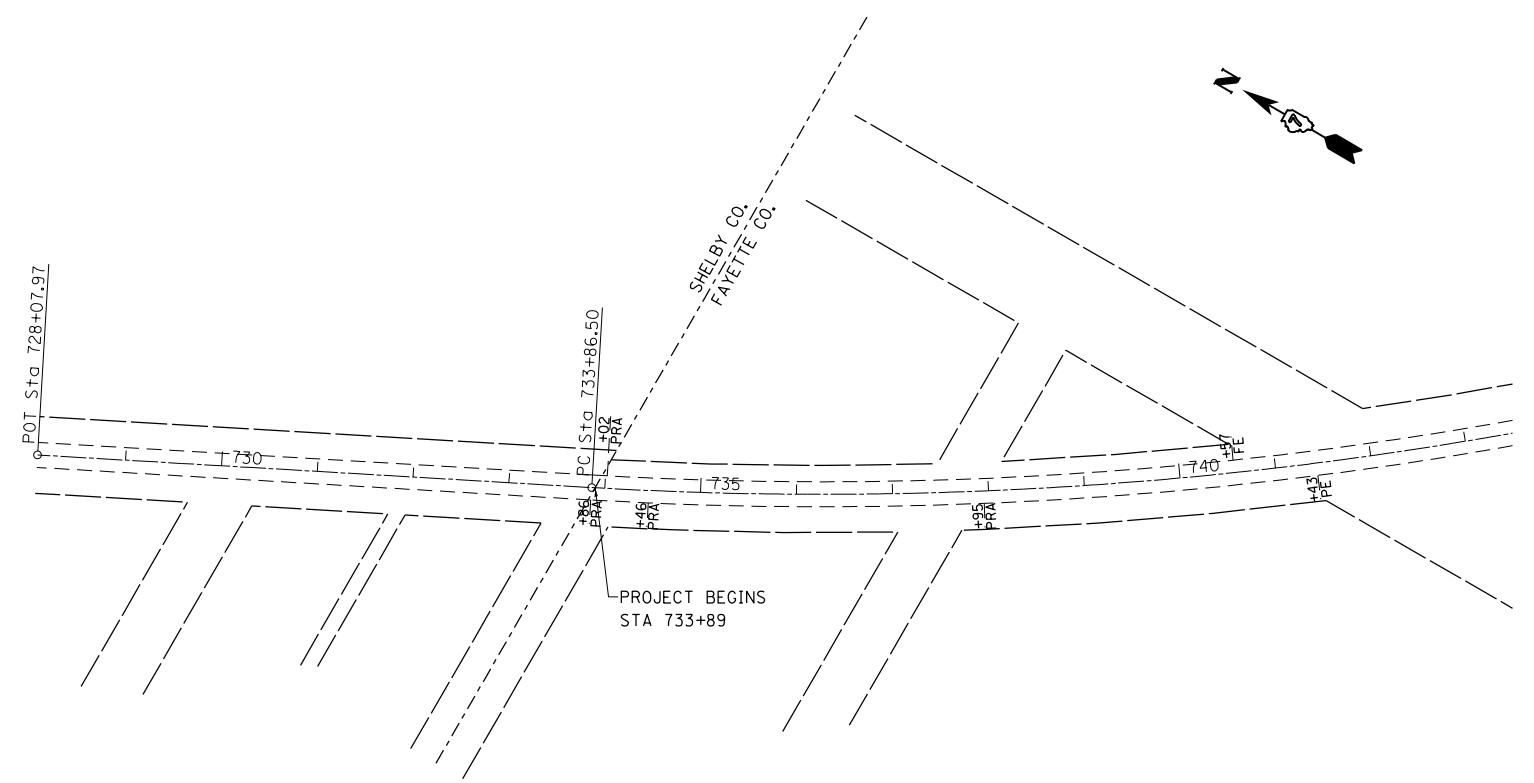
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/6/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SURVEY TIES			
SCALE: N/A	SHEET NO. 8 OF 8 SHEETS	STA.	TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	•	84	23
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				

NOTE: SEE SHEET 58 FOR BUTT JOINT AND TRANSITION DETAILS



EXIST. CURVE C4
 PI STA. = 745+45.88
 $\Delta = 31^\circ 38' 59''$ (LT)
 $D = 1^\circ 24' 03''$
 $R = 4,090.41'$
 $T = 1,159.38'$
 $L = 2,259.50'$
 $E = 161.13'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 733+86.50
 P.T. STA. = 756+46.00

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT DATE = 6/6/2014	DATE -	REVISED -

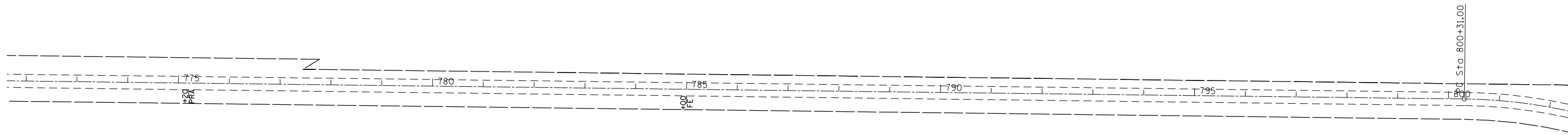
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN SHEET

SCALE: 100 SHEET NO. 1 OF 12 SHEETS STA. 880+00 TO STA. 940+00

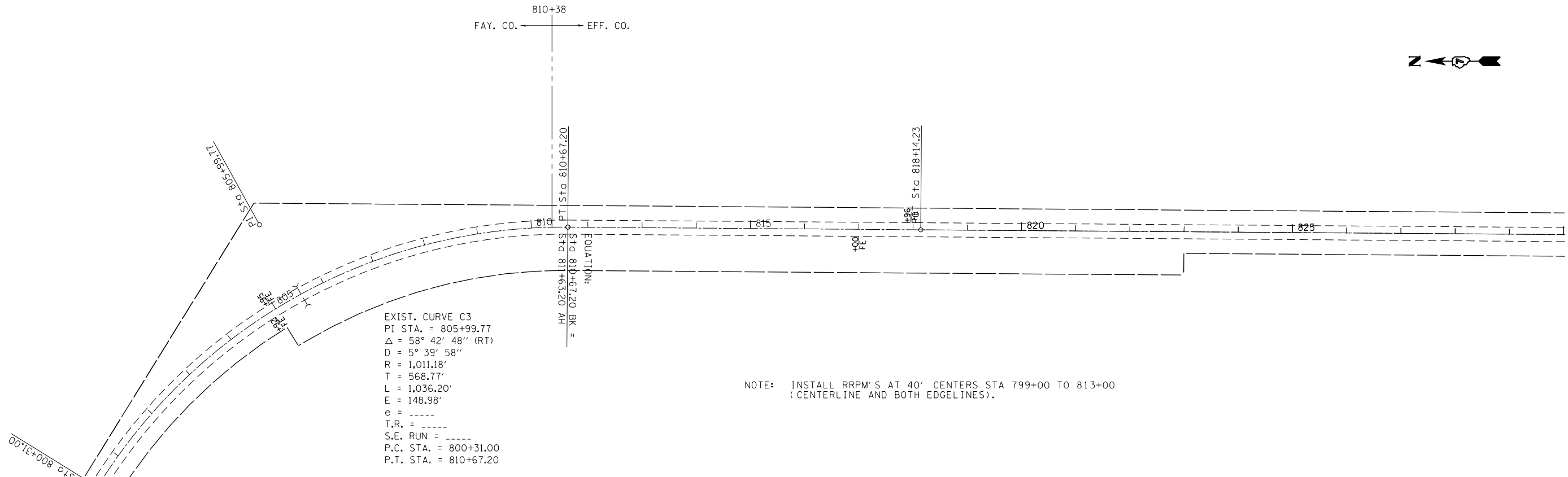
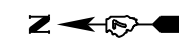
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	•	84	24
• Effingham, Fayette			CONTRACT NO. 74052	

ILLINOIS FED. AID PROJECT



HOT-MIX ASPHALT SHOULDERS, 6 INCH	
RT STA 799+31 TO 812+63	412 SQ YD

810+38
FAY. CO. ← → EFF. CO.



EXIST. CURVE C3
 PI STA. = 805+99.77
 Δ = 58° 42' 48" (RT)
 D = 5° 39' 58"
 R = 1,011.18'
 T = 568.77'
 L = 1,036.20'
 E = 148.98'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 800+31.00
 P.T. STA. = 810+67.20

NOTE: INSTALL RRPM'S AT 40' CENTERS STA 799+00 TO 813+00 (CENTERLINE AND BOTH EDGELINES).

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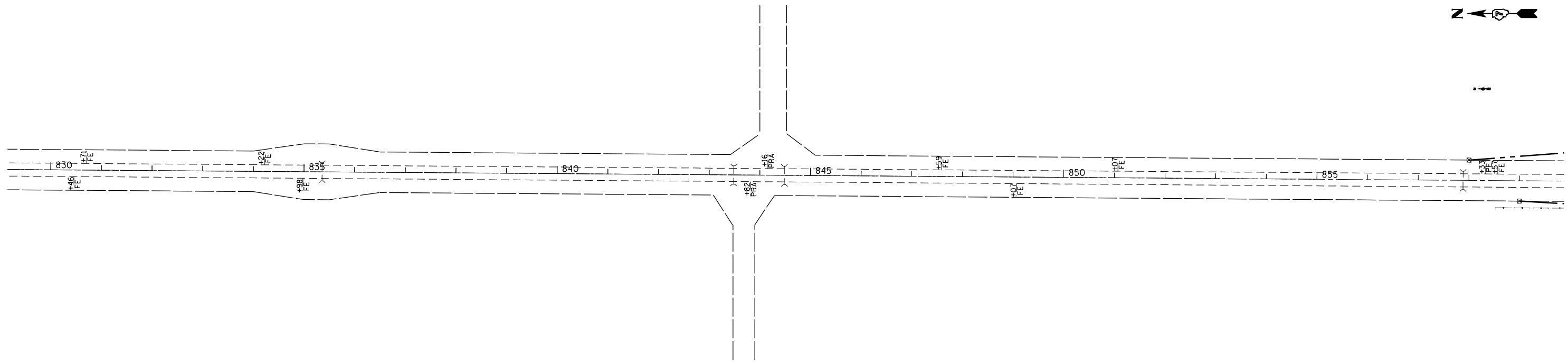
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN SHEET

SCALE: 100 SHEET NO. 2 OF 12 SHEETS STA. 880+00 TO STA. 940+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	•	84	25
• Effingham, Fayette			CONTRACT NO. 74052	

ILLINOIS FED. AID PROJECT



NOTE: SEE SHEETS 36-41 FOR OMITTED AREA.

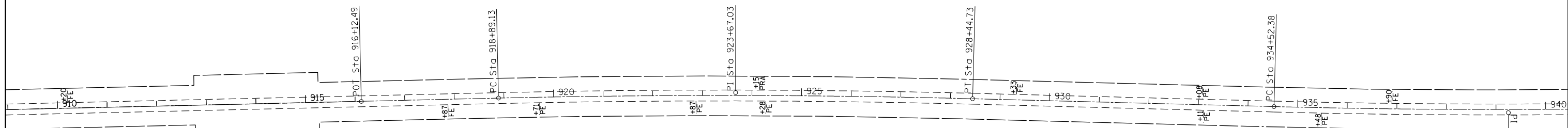
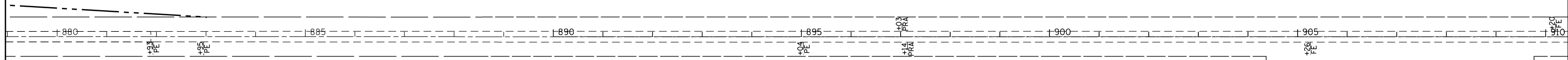
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	PLOT DATE = 6/6/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN SHEET

SCALE: 100 SHEET NO. 3 OF 12 SHEETS STA. 880+00 TO STA. 940+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	•	84	26
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				



EXIST. CURVE 31
 PI STA. = 923+67.03
 $\Delta = 2^\circ 49' 36''$ (RT)
 $D = 0^\circ 17' 45''$
 $R = 19,370.30'$
 $T = 477.90'$
 $L = 955.60'$
 $E = 5.89'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 918+89.13
 P.T. STA. = 928+44.73

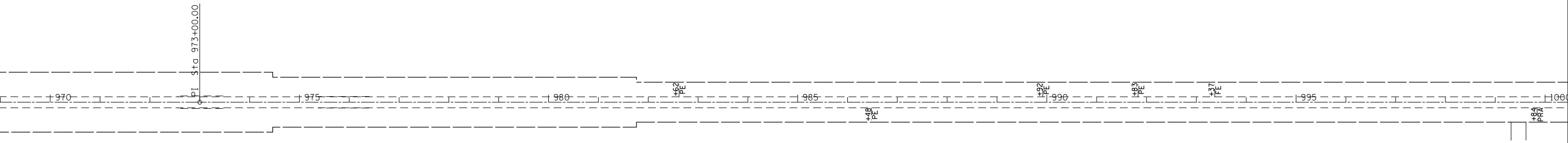
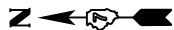
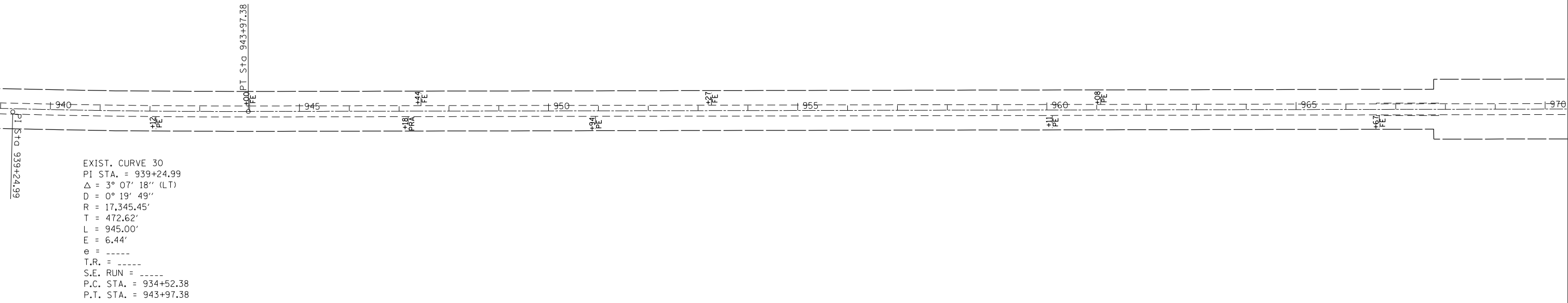
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PLOT DATE = 6/6/2014		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN SHEET

SCALE: 100 SHEET NO. 4 OF 12 SHEETS STA. 880+00 TO STA. 940+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	•	84	27
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				



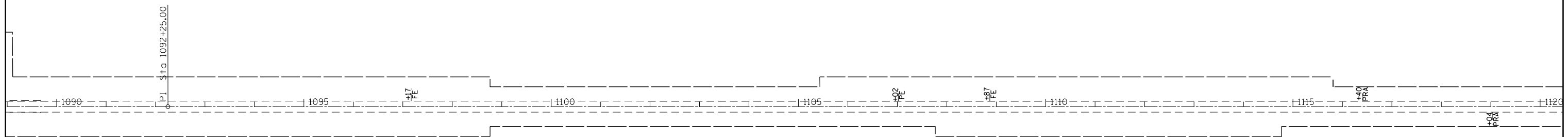
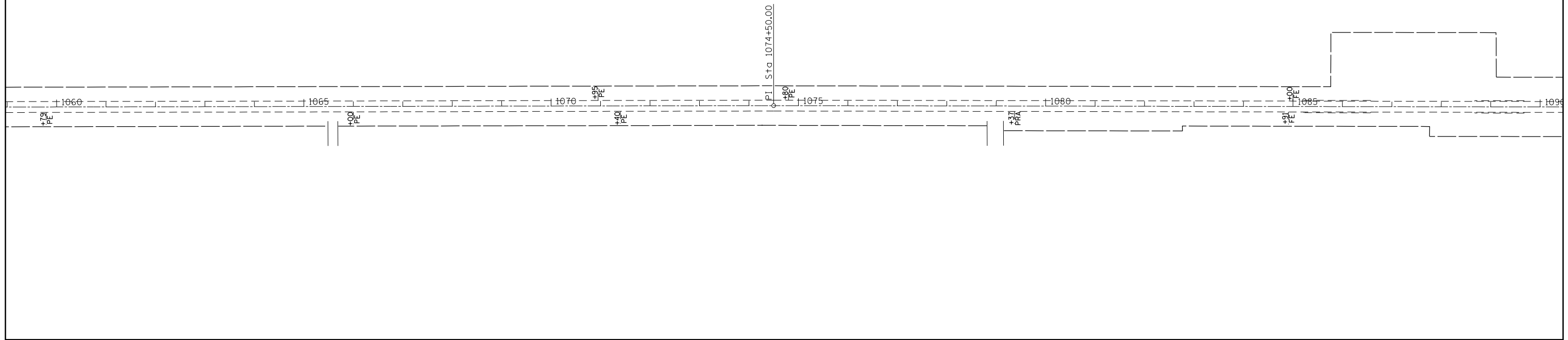
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	PLOT DATE = 6/6/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN SHEET

SCALE: 100 SHEET NO. 5 OF 12 SHEETS STA. 940+00 TO STA. 1000+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	•	84	28
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				



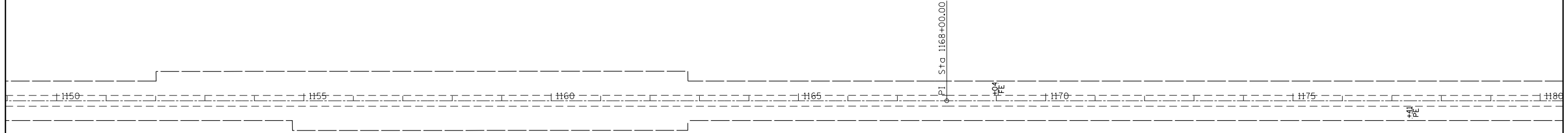
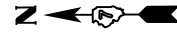
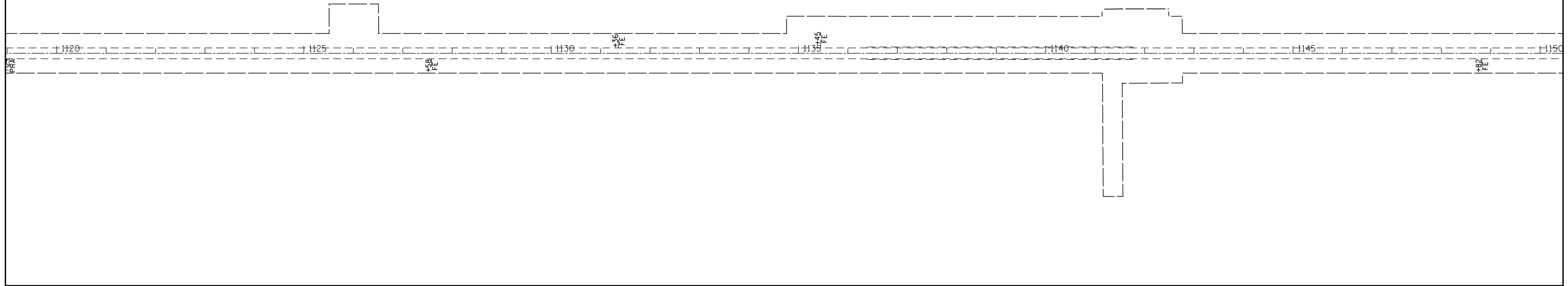
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	PLOT DATE = 6/6/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN SHEET

SCALE: 100 SHEET NO. 7 OF 12 SHEETS STA. 1060+00 TO STA. 1120+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3,103RS-2,102N	•	84	30
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				



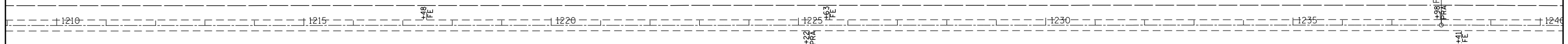
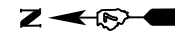
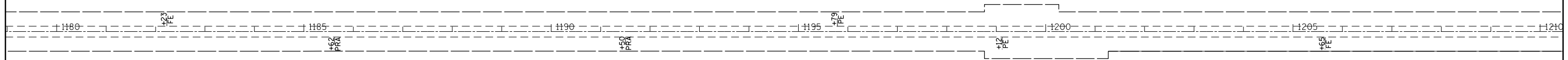
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	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/6/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN SHEET

SCALE: 100 SHEET NO. 8 OF 12 SHEETS STA. 1120+00 TO STA. 1180+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	•	84	31
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				



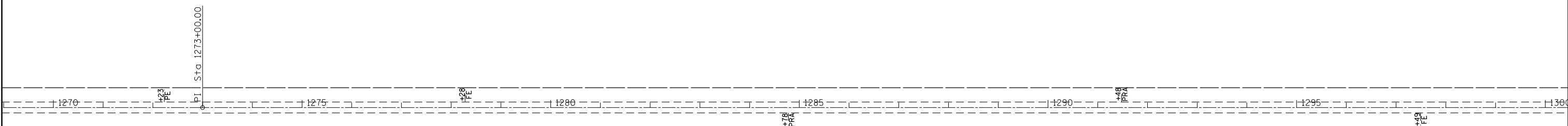
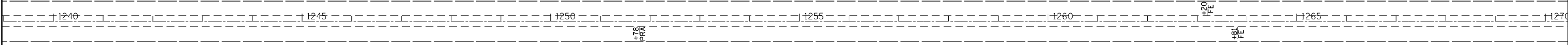
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	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/6/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN SHEET

SCALE: 100 SHEET NO. 9 OF 12 SHEETS STA. 1180+00 TO STA. 1240+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	•	84	32
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				



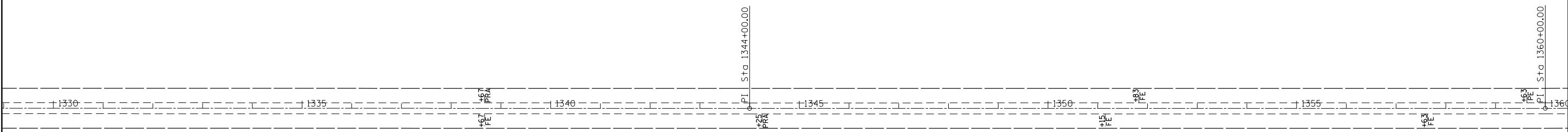
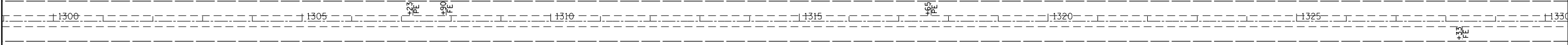
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	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/6/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN SHEET

SCALE: 100 SHEET NO. 10 OF 12 SHEETS STA. 1240+00 TO STA. 1300+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	•	84	33
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT DATE = 6/6/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

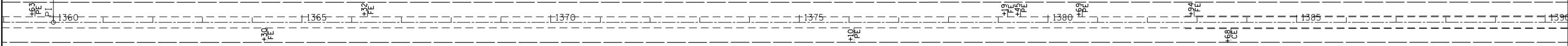
RESURFACING PLAN SHEET

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				

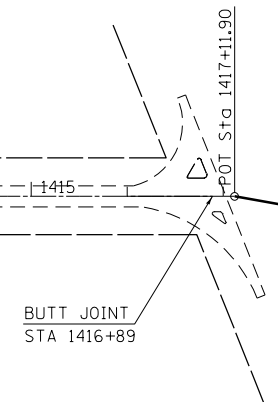
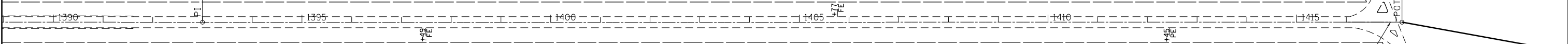
SCALE: 100 SHEET NO. 11 OF 12 SHEETS STA. 1300+00 TO STA. 1360+00



PI Sta 1360+00.00



PI Sta 1393+00.00



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

RESURFACING PLAN SHEET

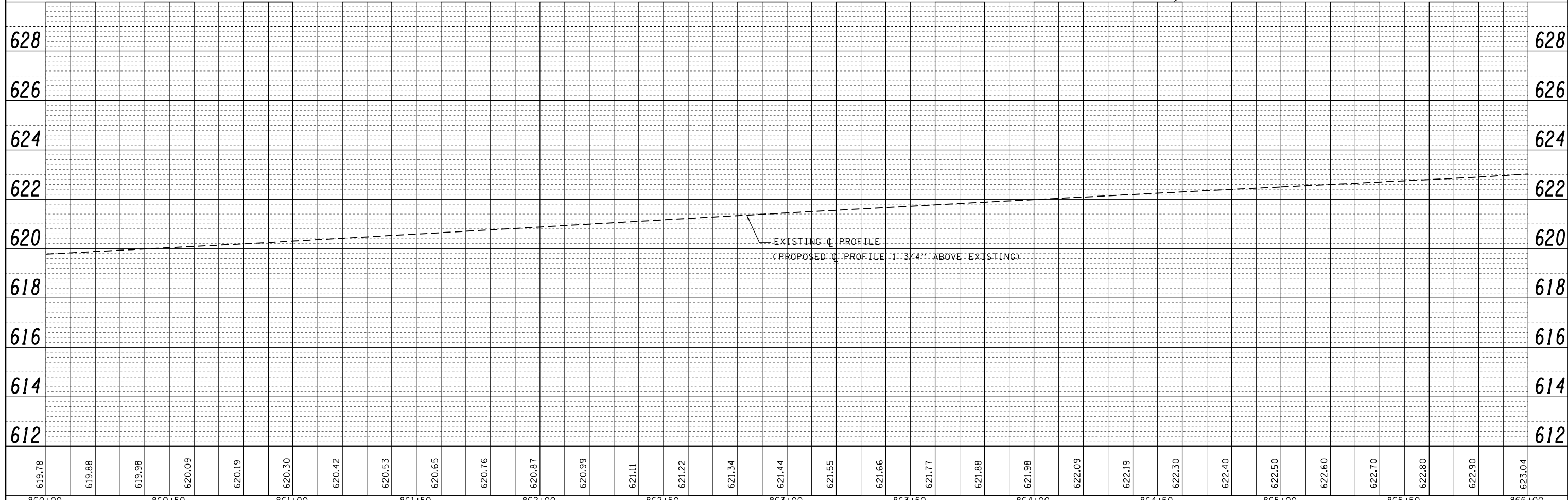
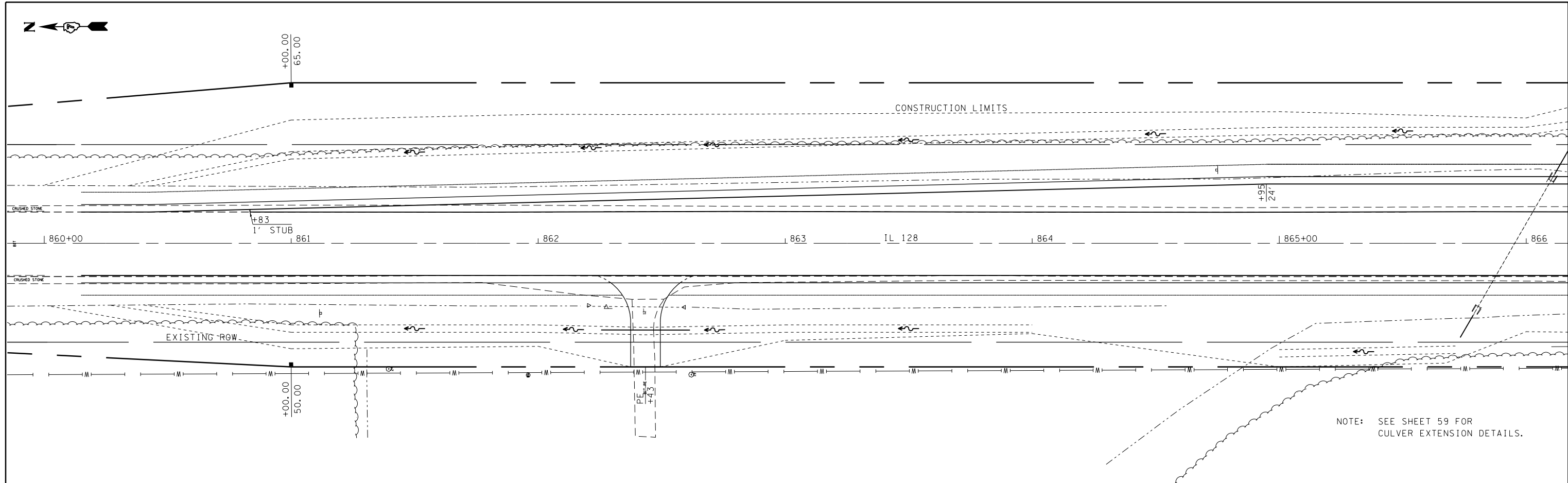
SCALE: 100 SHEET NO. 12 OF 12 SHEETS STA. 1360+00 TO STA. 1417+11.90

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3,103RS-2,102N	•	84	35
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	FILE NAME		



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	PLOT DATE = 6/6/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

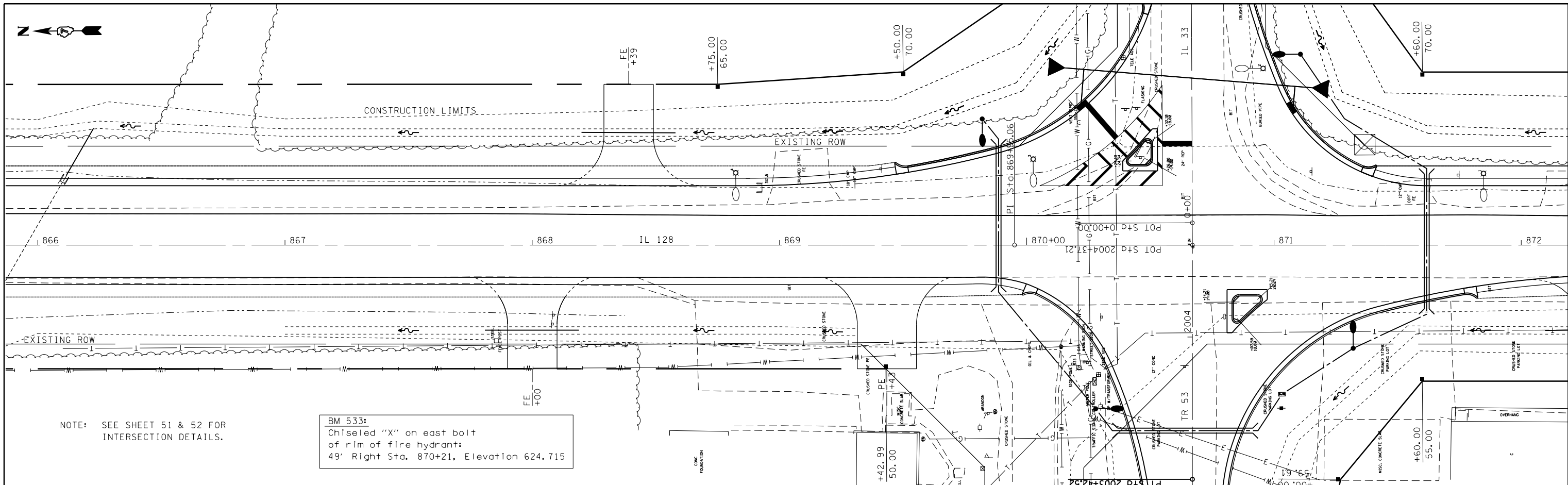
**PLAN & PROFILE
IL 128**

SCALE: 20 SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	Effingham, Fayette	84	36
CONTRACT NO. 74052			ILLINOIS FED. AID PROJECT	

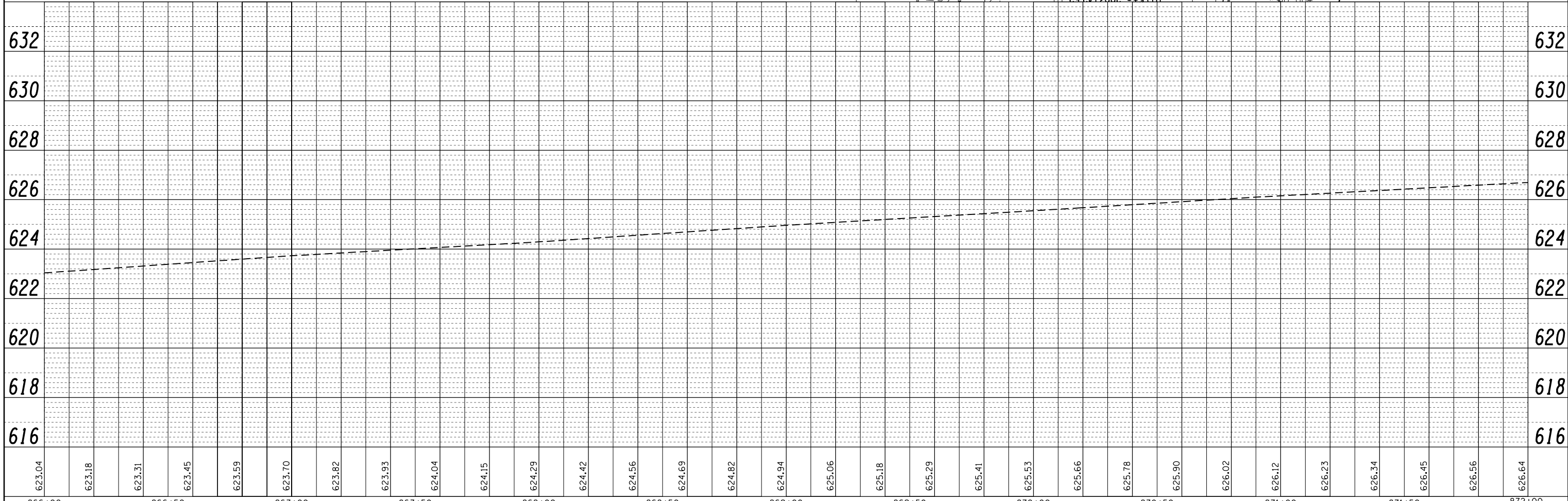
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	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
NOTE BOOK NO.	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
NOTE BOOK NO.	CADD FILE NAME		



NOTE: SEE SHEET 51 & 52 FOR INTERSECTION DETAILS.

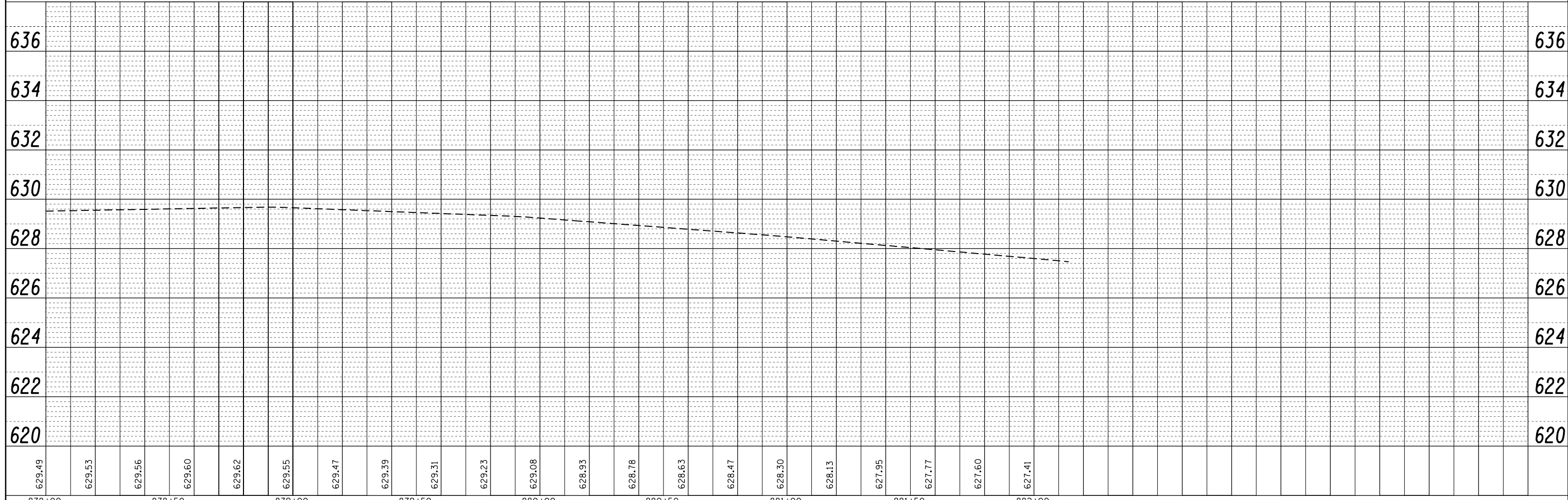
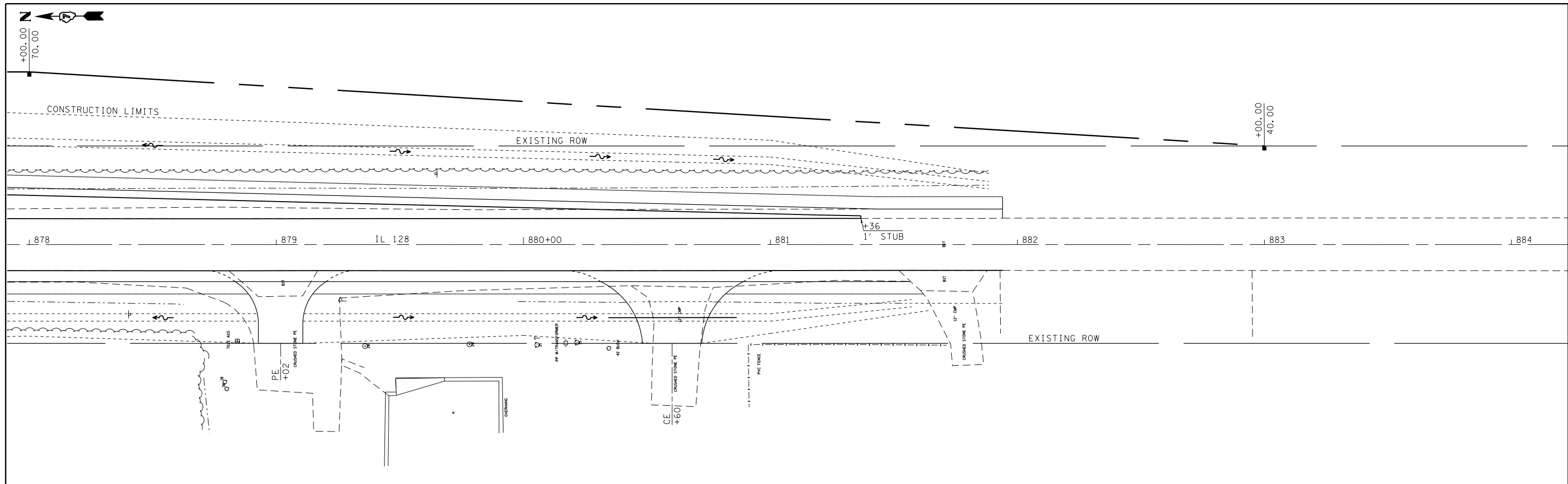
BM 533:
Chiseled "X" on east bolt
of rim of fire hydrant:
49' Right Sta. 870+21, Elevation 624.715



FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE IL 128	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\stefennk\d0121426\0774	852-sht-planprf128.dgn	DRAWN -	REVISED -			2801	102RS-3.103RS-2.102N		84	37
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	PLOT DATE = 6/6/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
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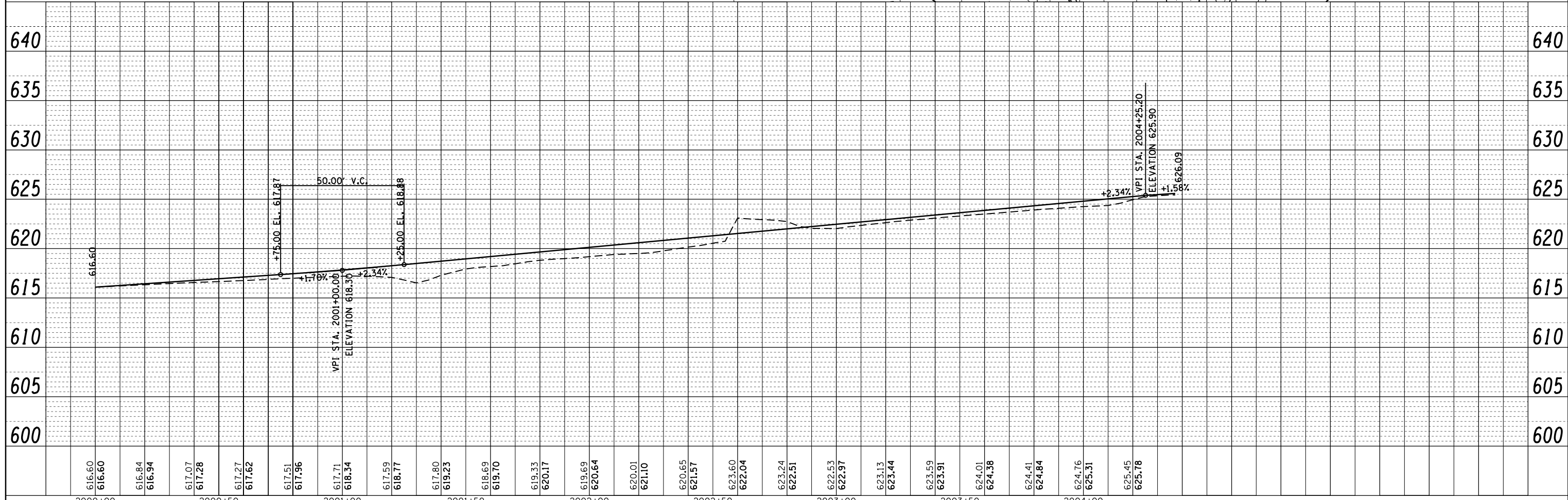
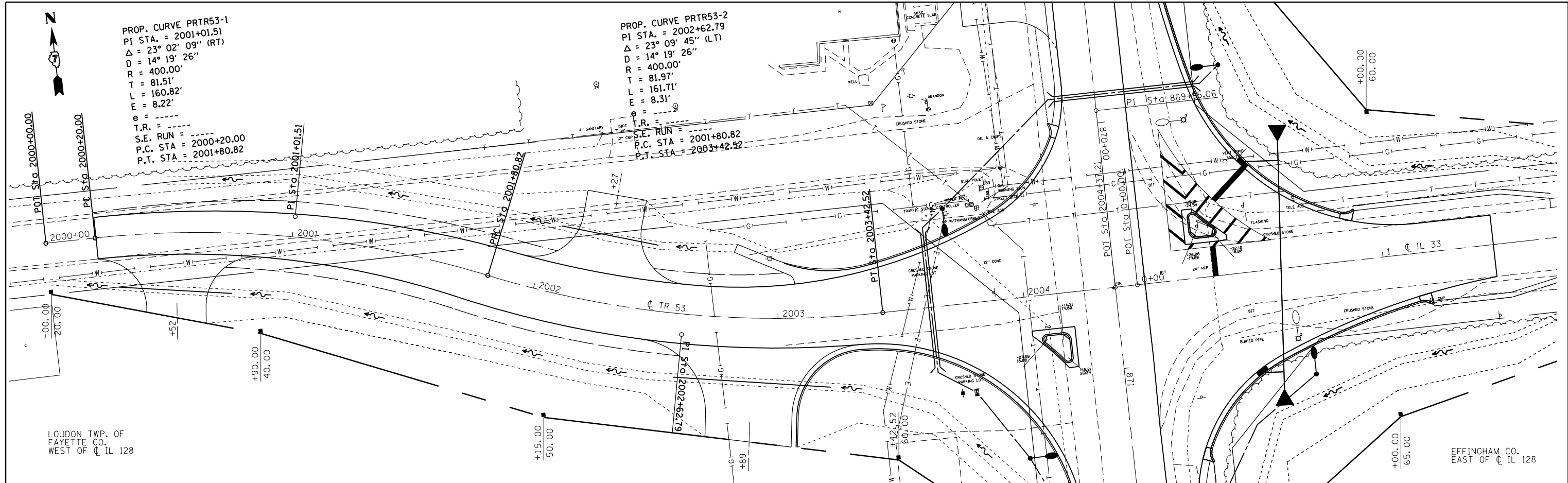
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	PLOTTED		
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	STRUCTURE		
	NOTATIONS CHECKED		
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c:\pwork\pwidot\stefenk\d0121426\0774	852-sht-planprf128.dgn	DRAWN -	REVISED -			2801	102RS-3.103RS-2.102N	*	84	39
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			* Effingham, Fayette		CONTRACT NO.	74052	
	PLOT DATE = 6/6/2014	DATE -	REVISED -			SCALE: 20	SHEET NO. 4 OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
NOTE BOOK NO.	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
NOTE BOOK NO.	NOTATIONS CHECKED		



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

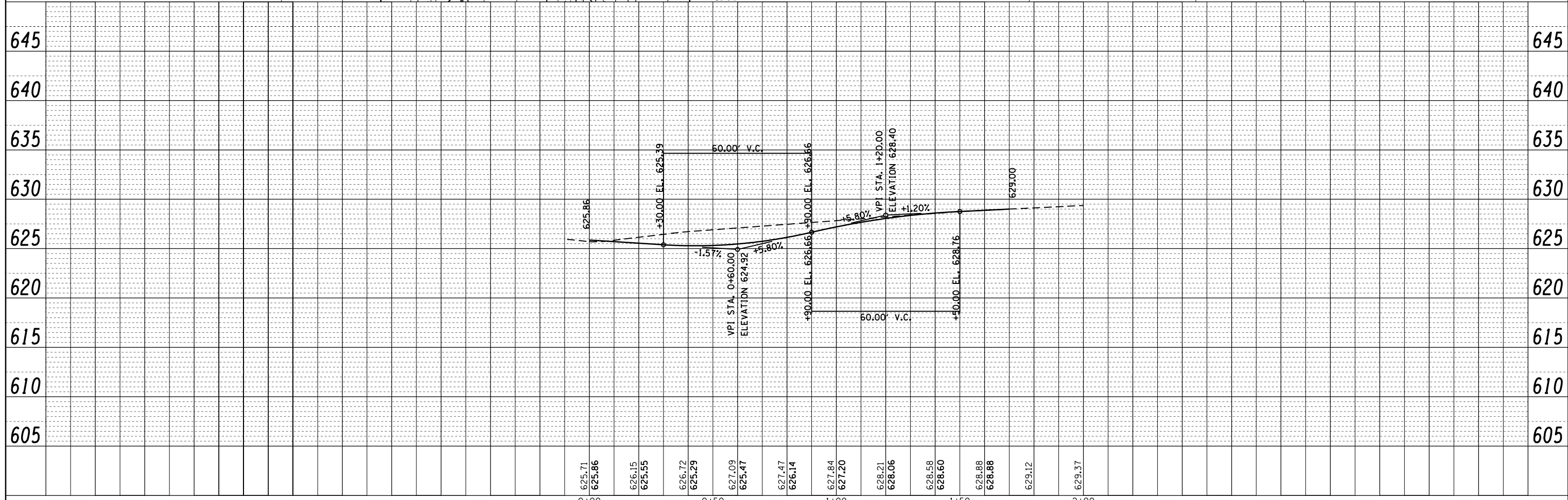
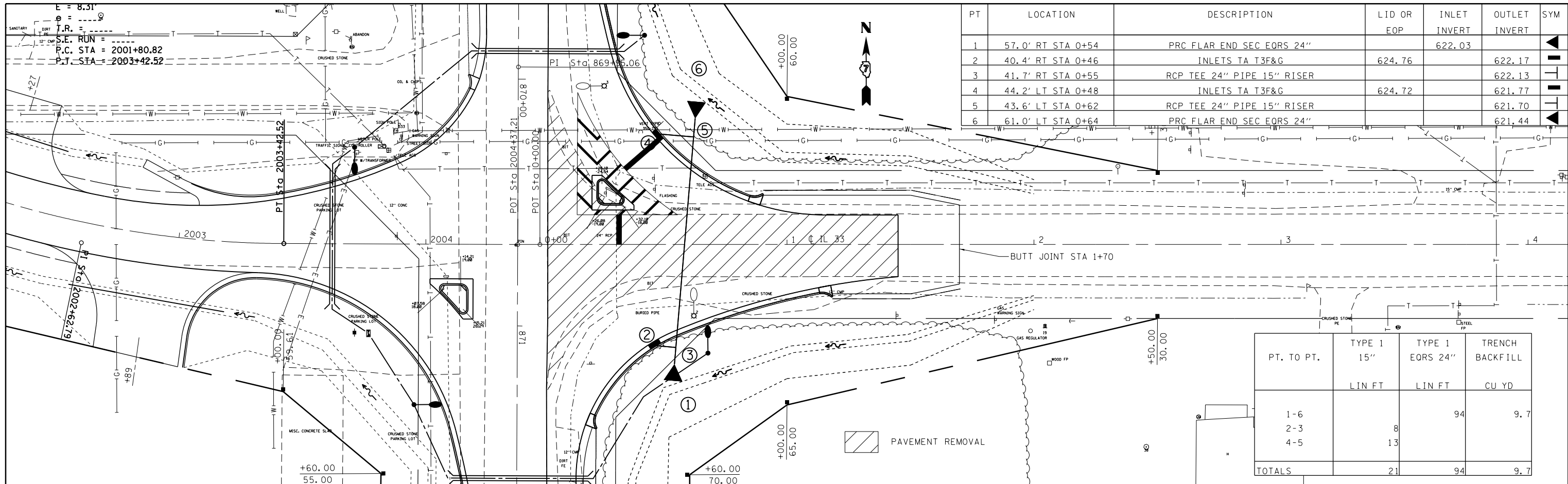
PLAN & PROFILE
TR 53

SCALE: 20 SHEET NO. 5 OF 6 SHEETS STA. TO STA.

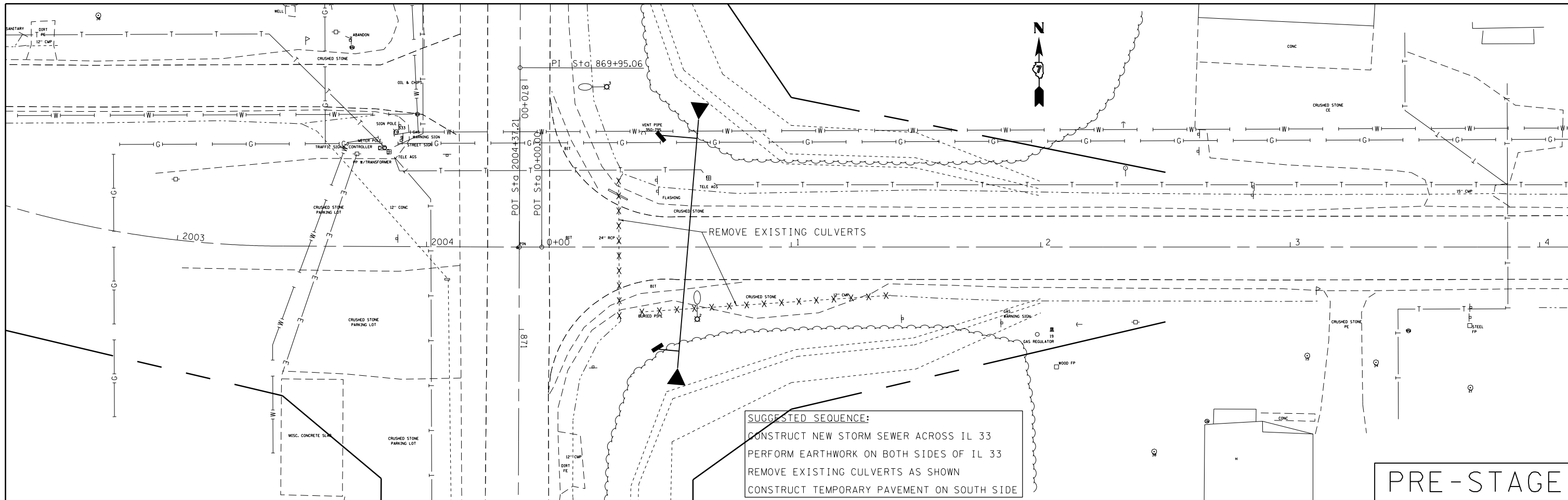
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N		84	40
Effingham, Fayette		CONTRACT NO.	74052	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
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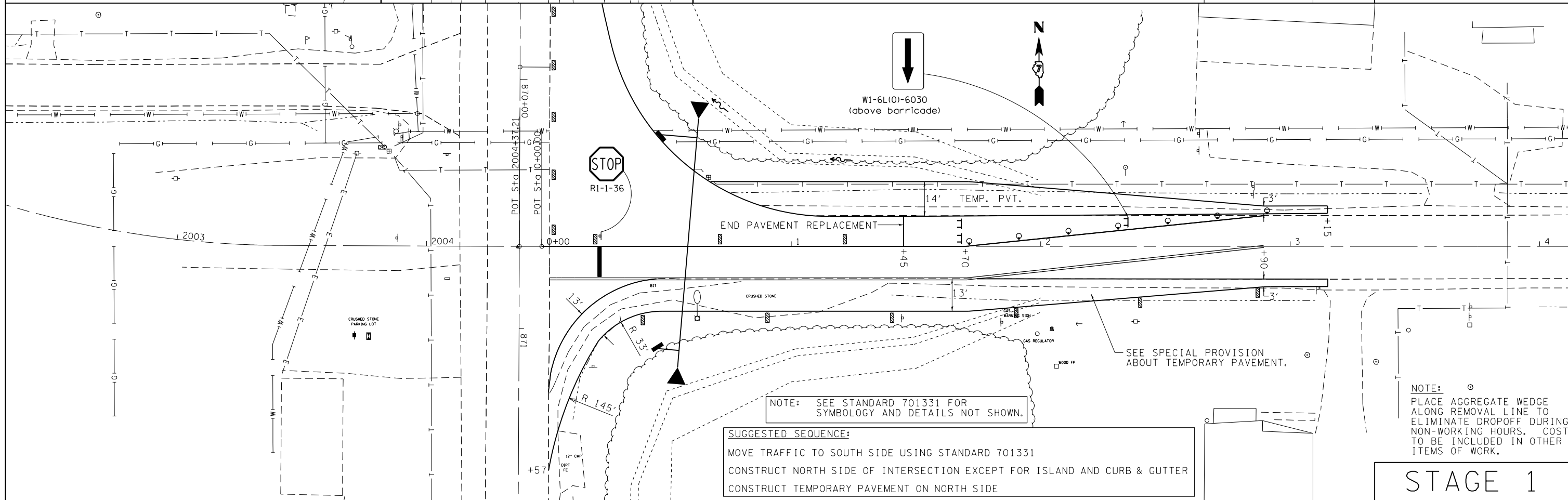
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	PLOTTED		
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		



FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE ILL 33	F.A.S. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			• Effingham, Fayette		CONTRACT NO. 74052			
	PLOT DATE = 6/6/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



PRE-STAGE



STAGE 1

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 c:\pw_work\p\dot\steffenmk\d0121426\074052-sh1-staging.dgn

USER NAME = steffenmk
 4052-sh1-staging.dgn
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 6/6/2014

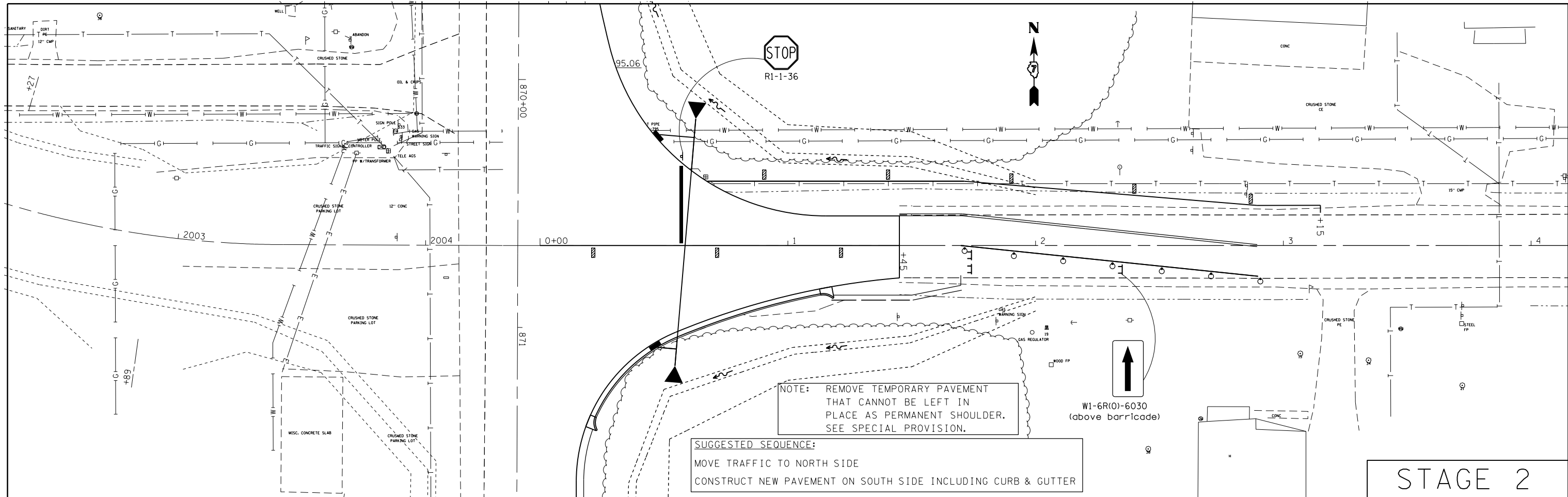
DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
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 REVISED -
 REVISED -

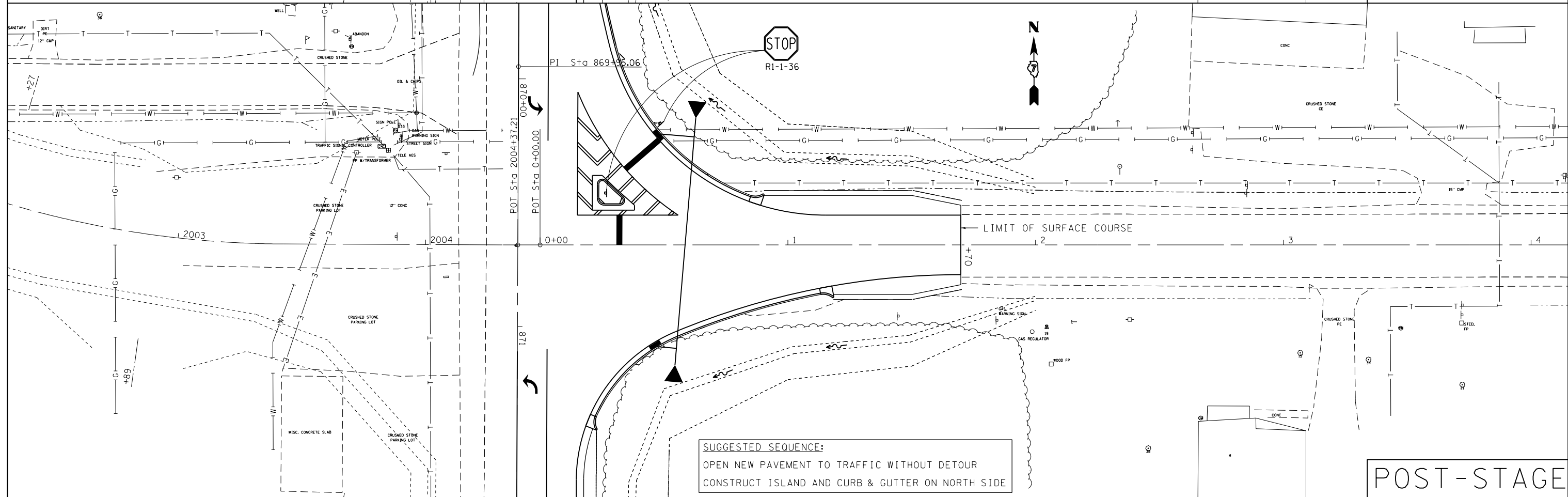
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION
 ILL 33
 SCALE: 20 SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N		84	42
Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				

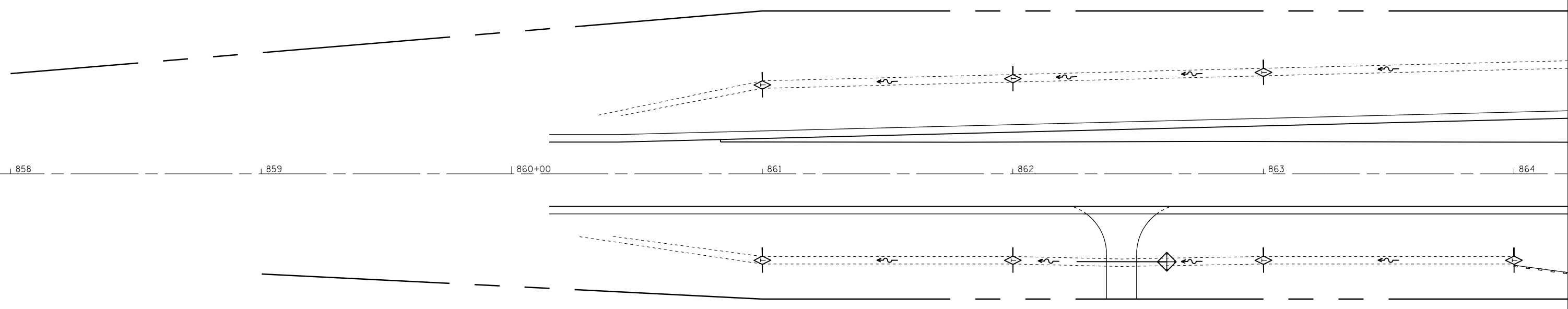





STAGE 2



POST-STAGE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE CONSTRUCTION ILL 33			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	4052-shit-staging.dgn	DRAWN -	REVISED -		SCALE: 20	SHEET 2	OF 2 SHEETS	STA.	TO STA.	2801	102RS-3.103RS-2.102N	84	43
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -							Effingham, Fayette			CONTRACT NO. 74052
	PLOT DATE = 6/6/2014	DATE -	REVISED -							ILLINOIS FED. AID PROJECT			



-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION
-  PERIMETER EROSION BARRIER

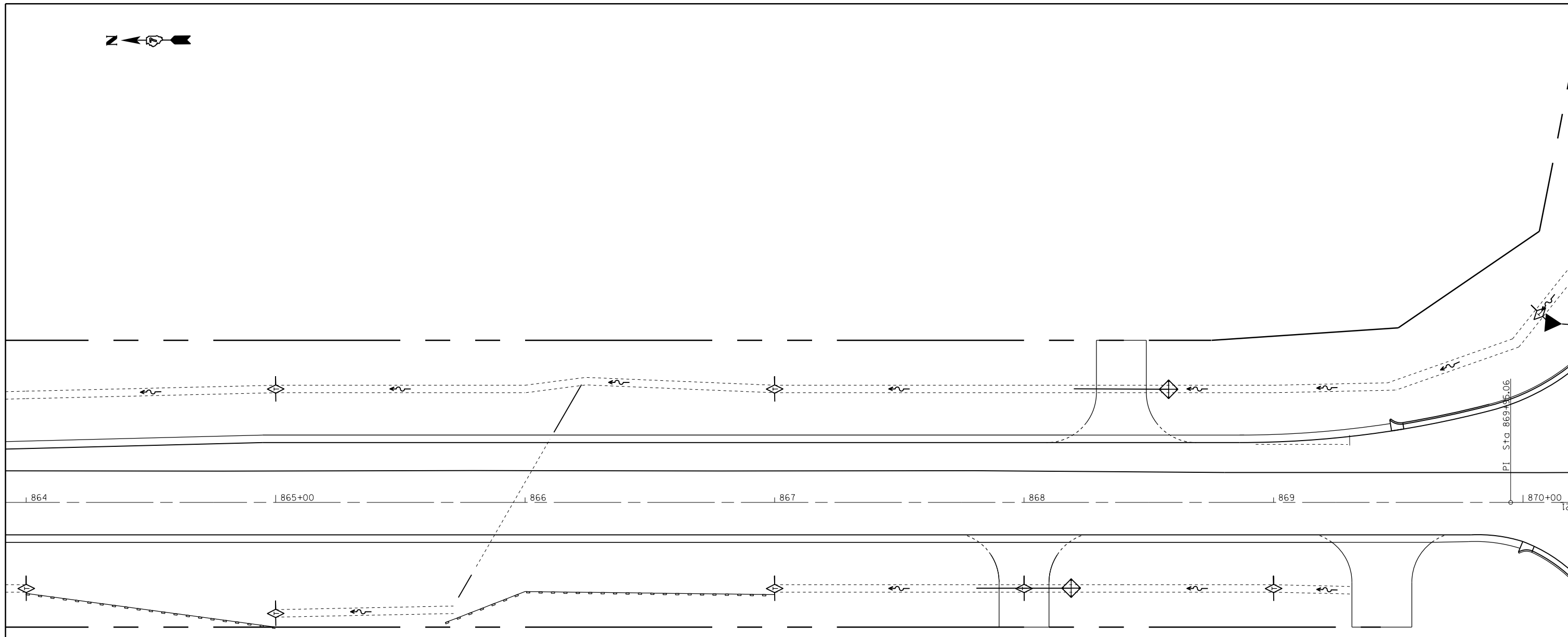
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	PLOT DATE = 6/9/2014	DATE -	REVISED -




**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL
IL 128**

SCALE: 20 SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	•	84	44
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				



-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION
-  PERIMETER EROSION BARRIER

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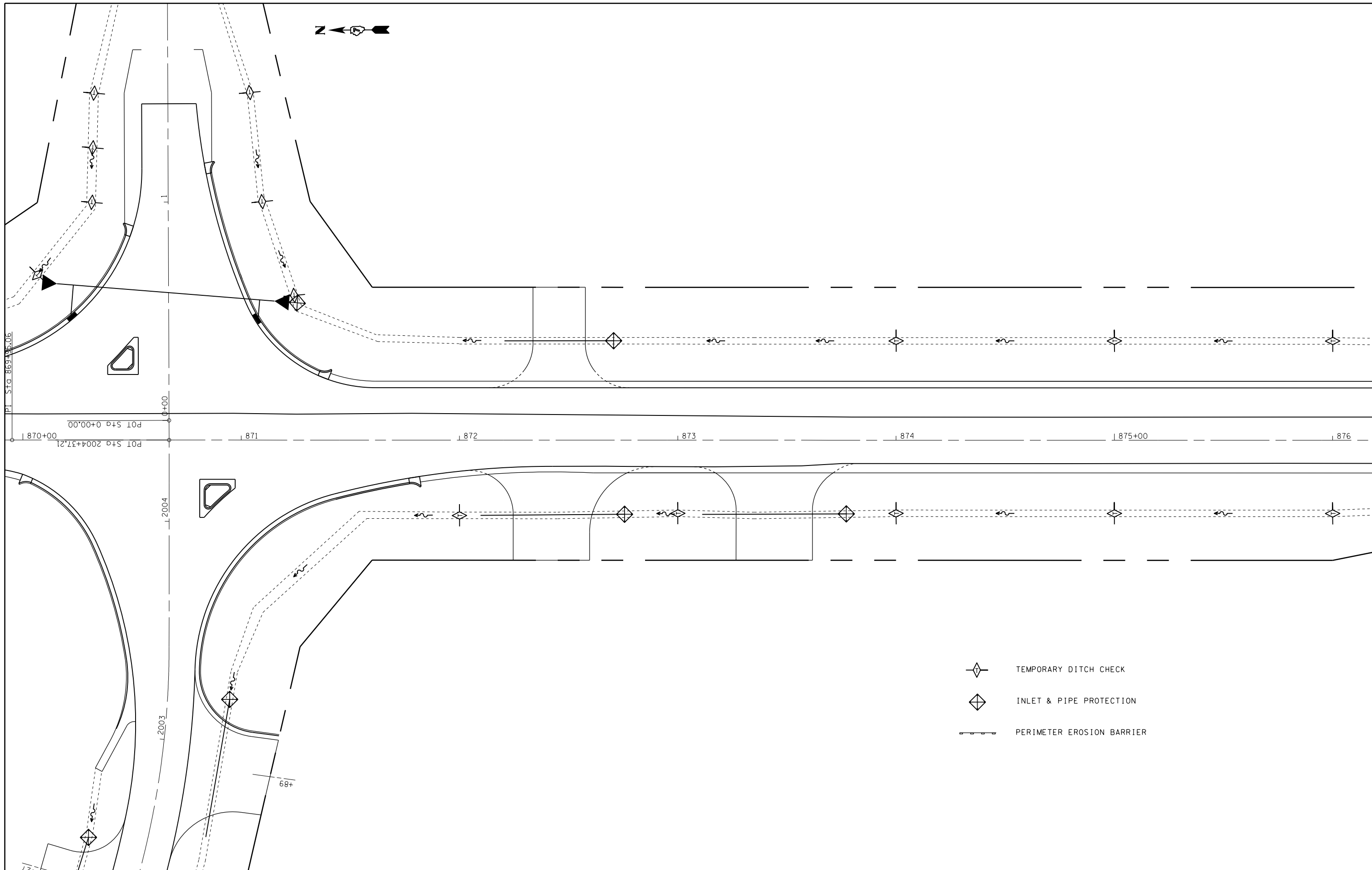
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




**EROSION CONTROL
IL 128**

SCALE: 20 SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N		84	45
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				

127



-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION
-  PERIMETER EROSION BARRIER

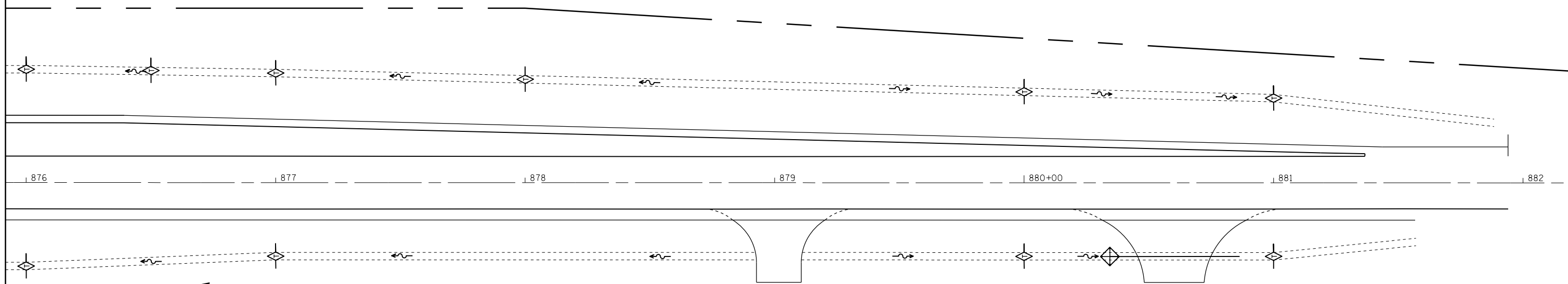
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		DATE -	REVISED -




**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL
IL 128**

SCALE: 20 SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	•	84	46
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				



-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION
-  PERIMETER EROSION BARRIER

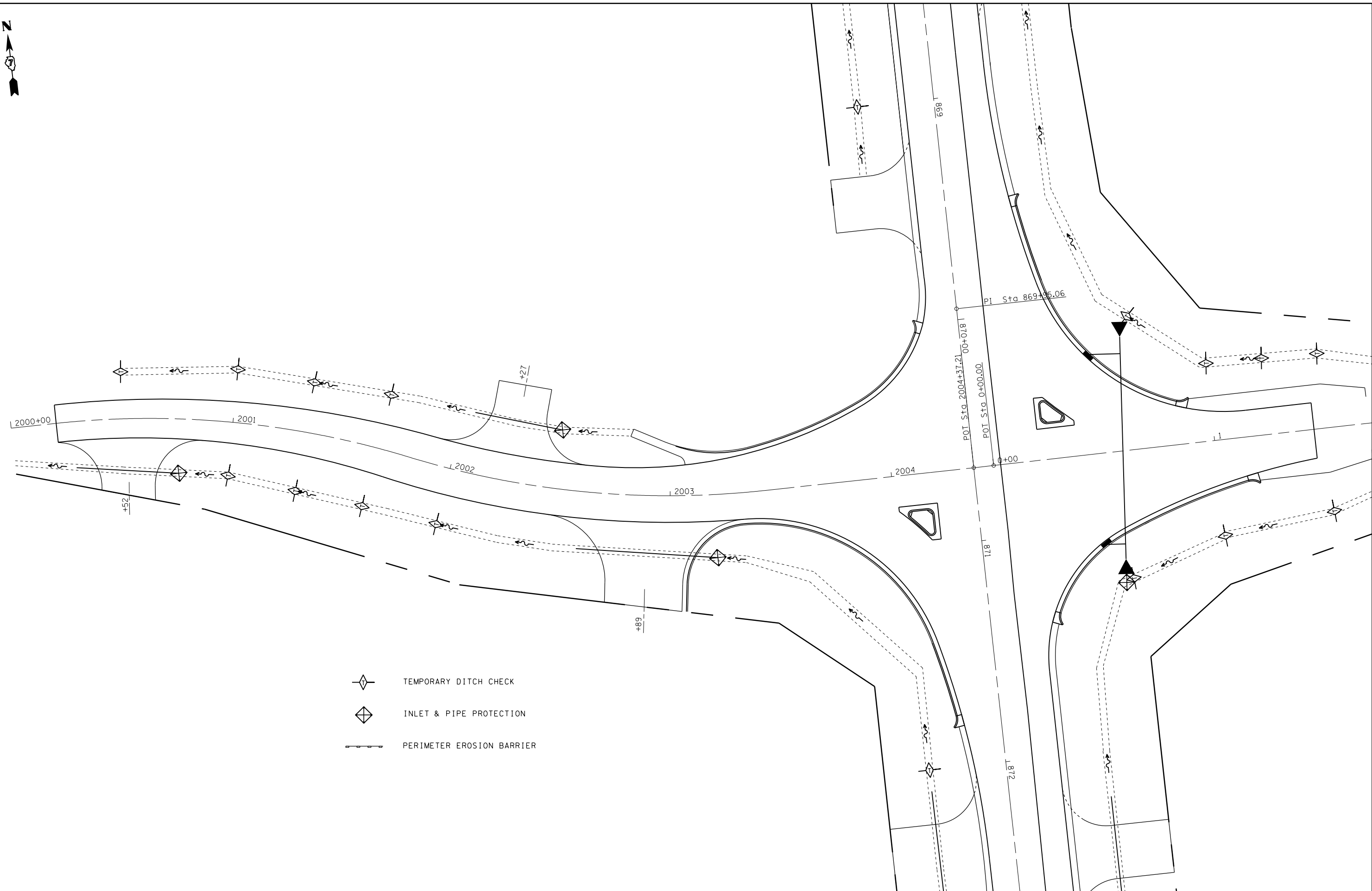
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	PLOT DATE = 6/9/2014	DATE -	REVISED -




**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL
IL 128**

SCALE: 20 SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				



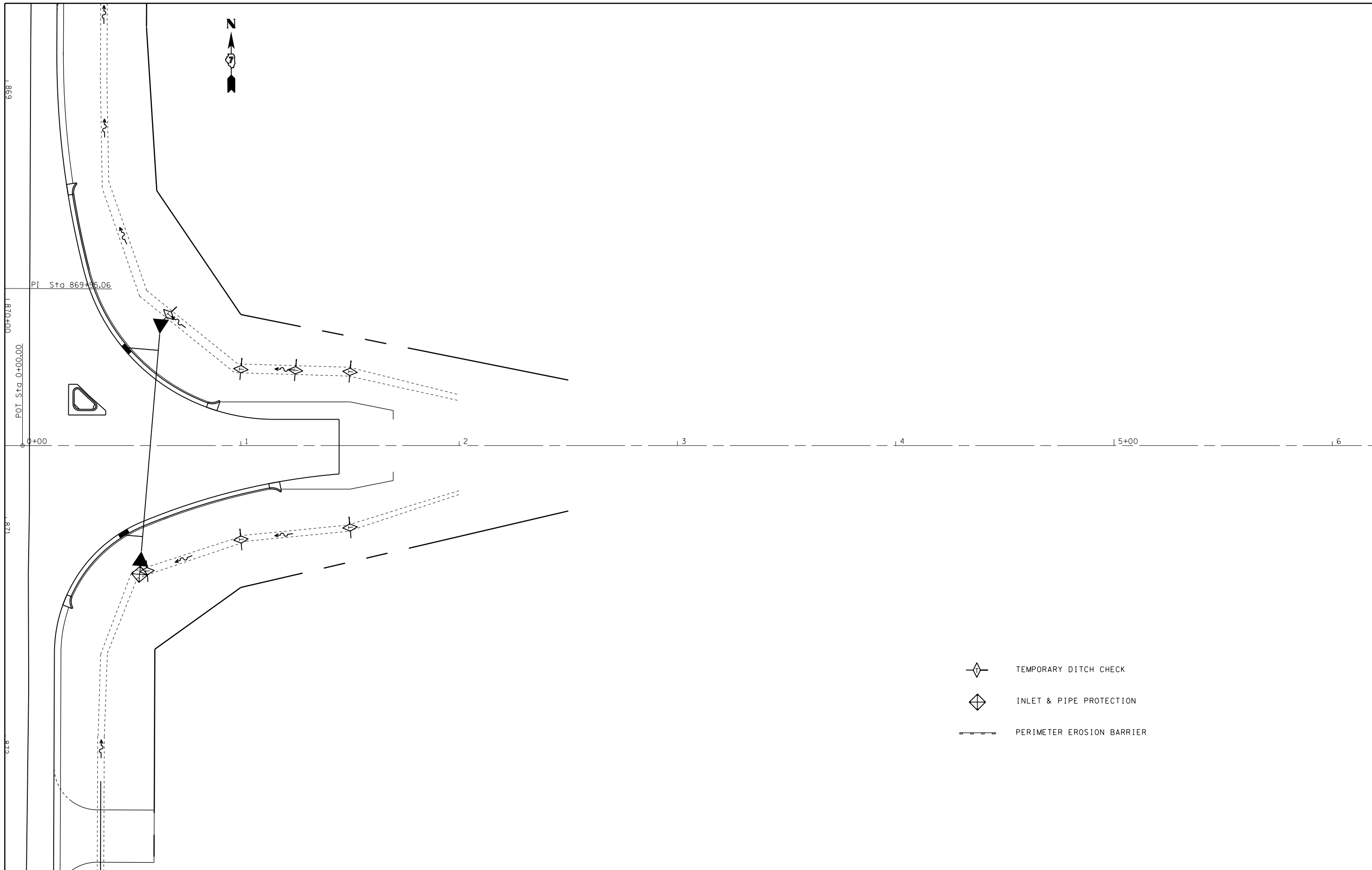
-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION
-  PERIMETER EROSION BARRIER




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	PLOT DATE = 6/9/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL TR 53			
SCALE: 20	SHEET 5	OF 6 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	*	84	48
* Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				



-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION
-  PERIMETER EROSION BARRIER

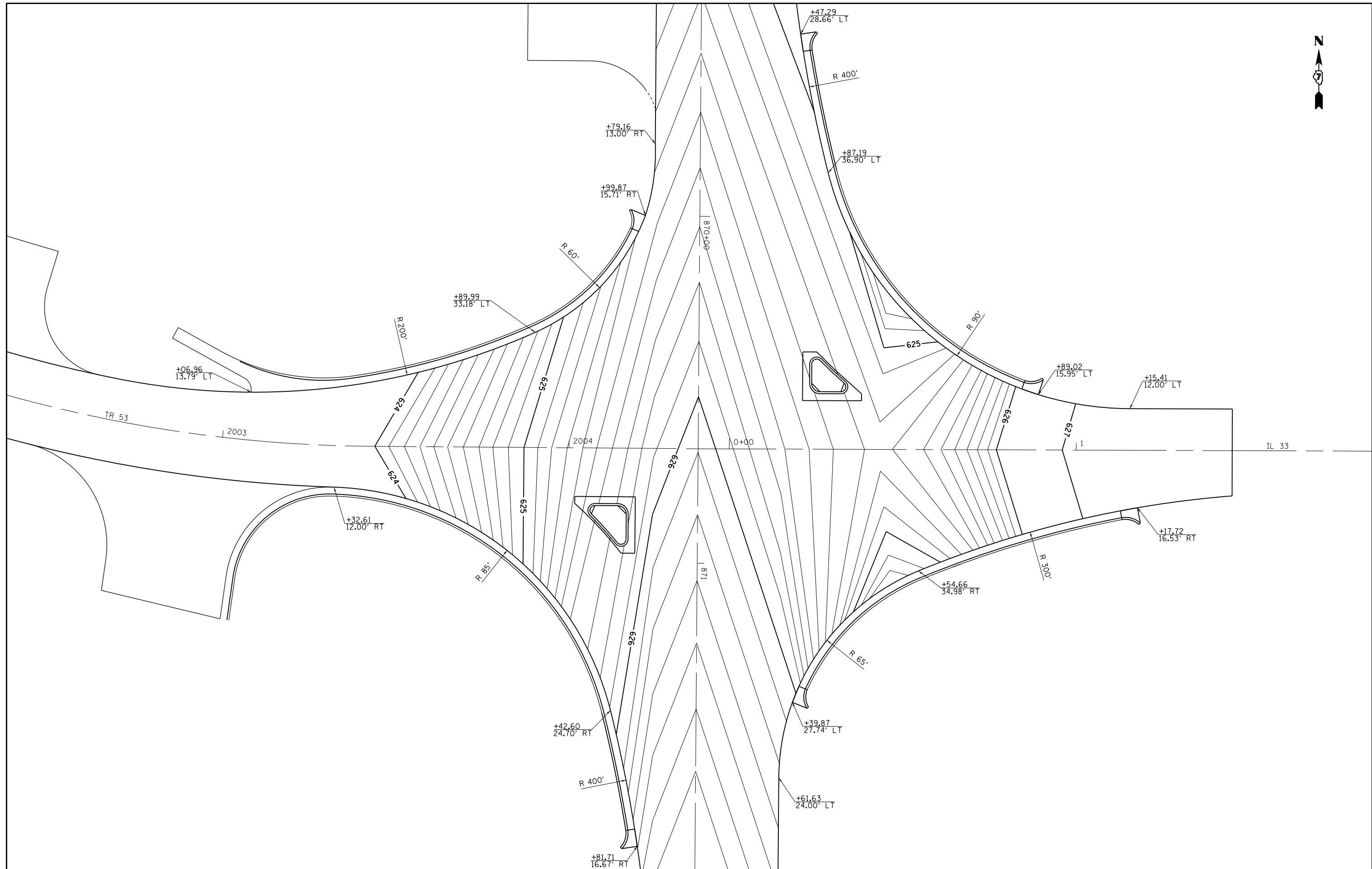
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	PLOT DATE = 6/9/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL
IL 33**

SCALE: 20 SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	•	84	49
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				



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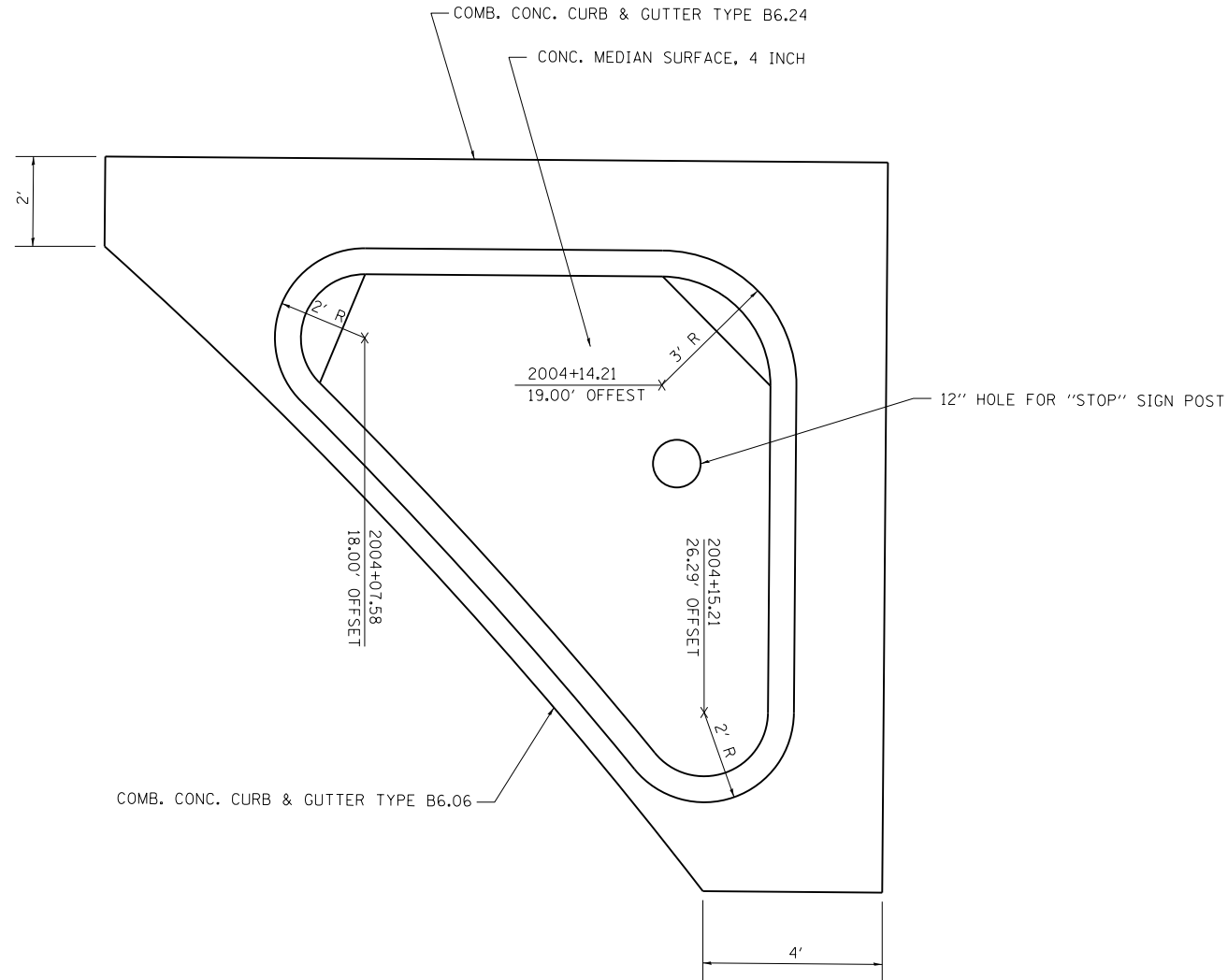
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION CONTOURS

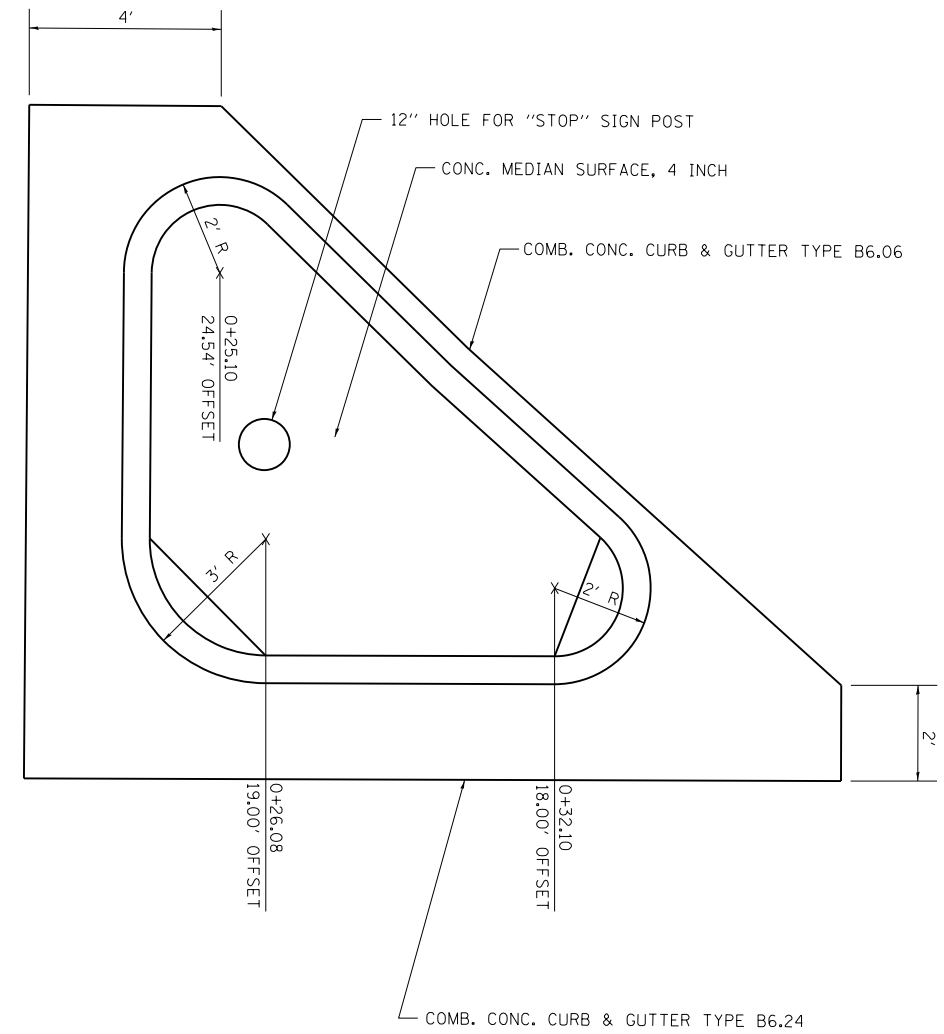
SCALE: N/A SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	•	84	51
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				

TR 53 ISLAND



IL 33 ISLAND



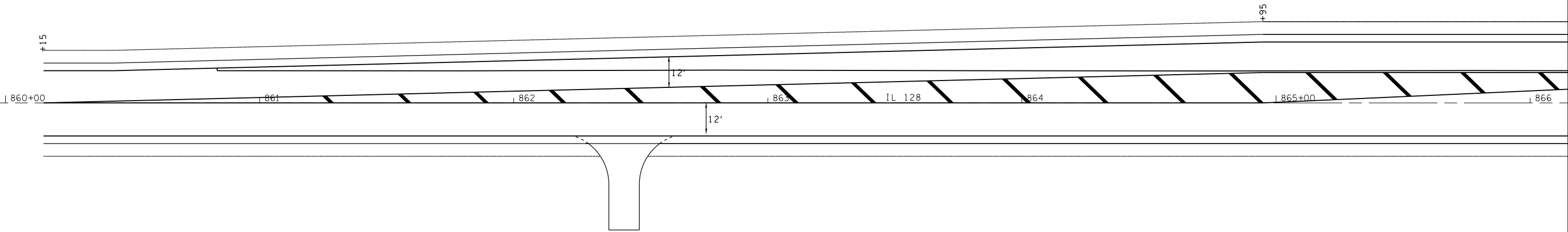
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

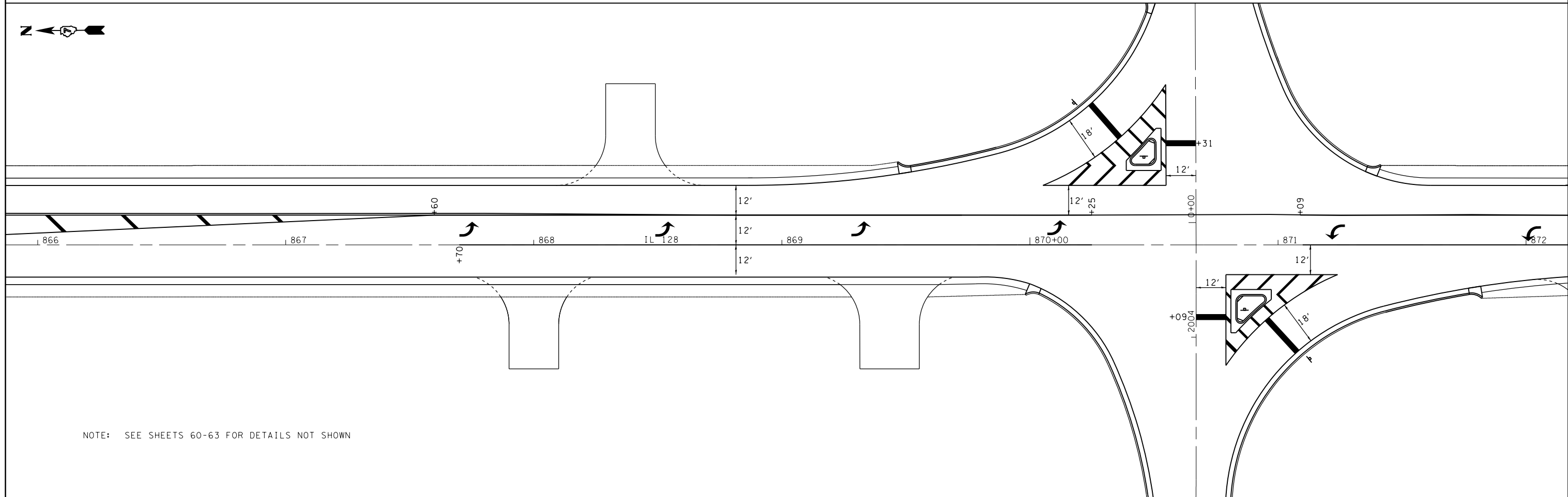
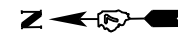
ISLAND DETAILS

SCALE: N/A SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	•	84	52
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				



SEE SHEET 62 FOR TREATMENT NORTH OF STA 860+15



NOTE: SEE SHEETS 60-63 FOR DETAILS NOT SHOWN

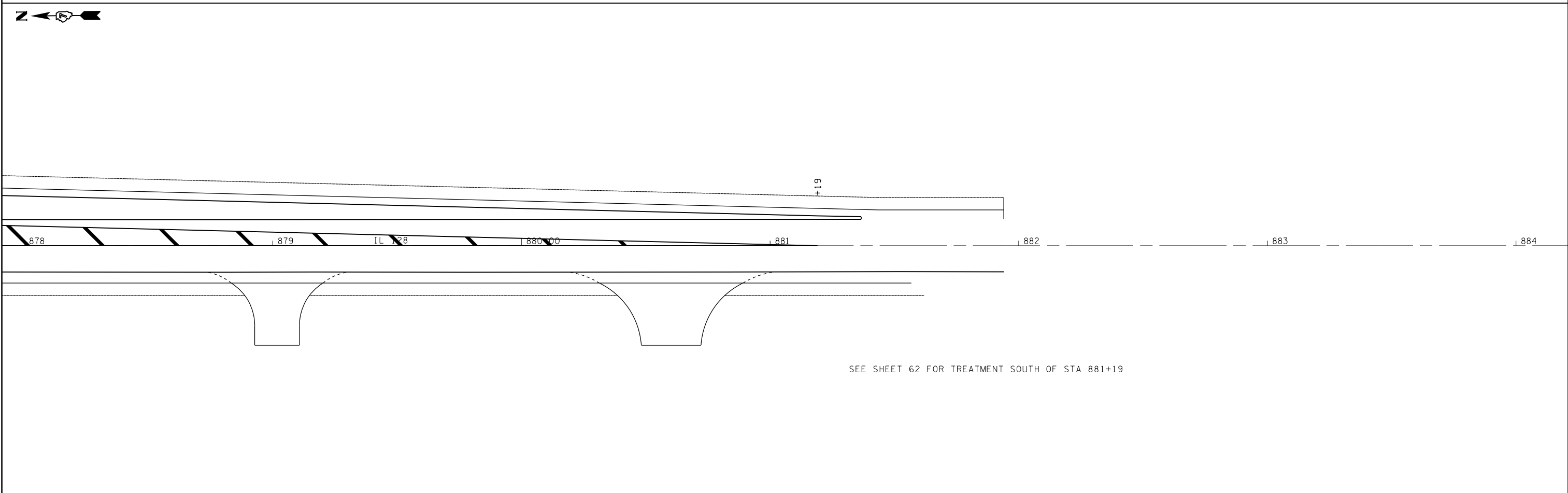
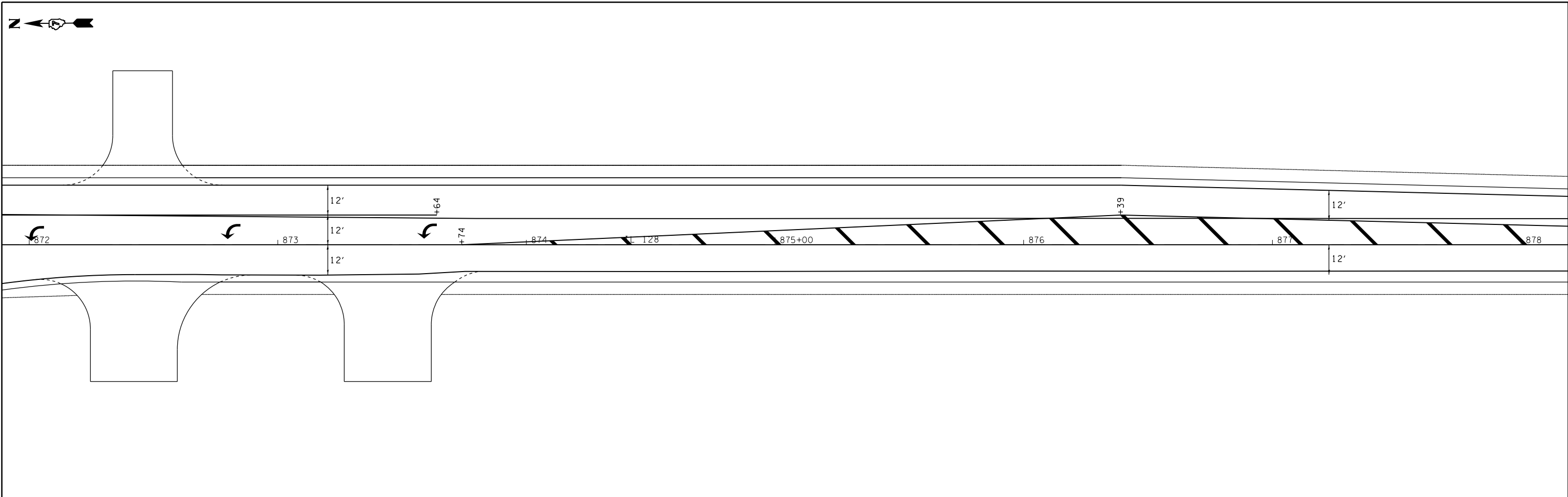
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

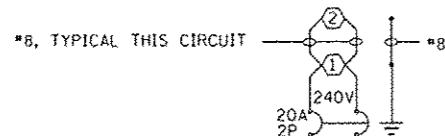
THERMOPLASTIC PAVEMENT MARKING DETAILS

SCALE: 20 SHEET 1 OF 2 SHEETS STA. TO STA.

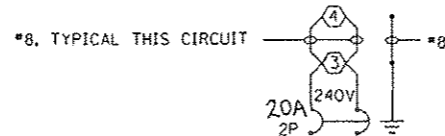
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				



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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: 20	SHEET 2	OF 2	SHEETS	STA.	TO STA.	2801	102RS-3.103RS-2.102N	84	54
	PLOT DATE = 6/6/2014	DATE -	REVISED -									• Effingham, Fayette	CONTRACT NO.	74052
												ILLINOIS	FED. AID PROJECT	



LIGHTING CKT 1
PROPOSED LIGHTING CONTROLLER NO. 1



LIGHTING CKT 2
PROPOSED LIGHTING CONTROLLER NO. 1

○ 250W ROADWAY LUMINAIRE

CONTROLLER AT IL 128 AND IL 33

NOTES:

1. ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.

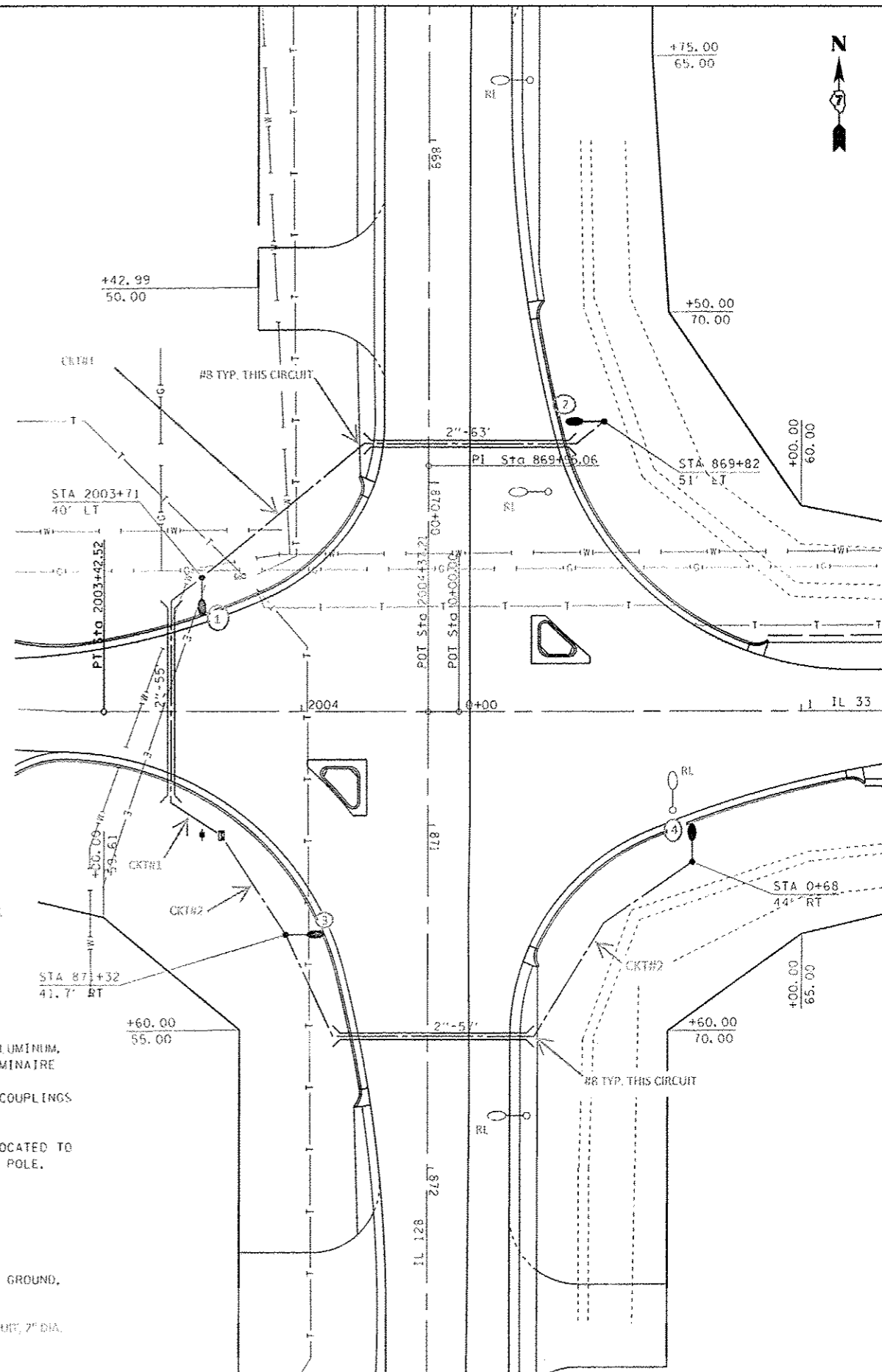
GENERAL NOTES

1. ALL EXISTING LIGHTING UNITS TO BE RELOCATED SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS ATTACHED WITH STAINLESS STEEL BANDING. LIGHTING UNIT NUMBERING SHALL BE AS DIRECTED BY THE ENGINEER.
2. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
3. THE EXISTING LIGHT POLES SHALL BE RELOCATED AS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. LIGHT POLE FOUNDATIONS SHALL BE INSTALLED PLUMB AND FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS OF ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS. AFTER UNIT DUCT IS INSTALLED, FOUNDATIONS SHALL BE FILLED WITH FINE AGGREGATE ACCORDING TO ARTICLE 836.03. A STAINLESS STEEL SCREEN SHALL BE INSTALLED TO SEAL THE OPENING BELOW THE POLE BASE FROM RODENT ENTRY.
4. THE CONTRACTOR SHALL CLEAN THE DIRT OUT OF THE METAL HELICAL FOUNDATIONS THAT ARE REMOVED AND SHALL DELIVER THEM TO THE ADDRESS LISTED BELOW. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE REMOVAL OF POLE FOUNDATION PAY ITEM.
ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGN SHOP
1900 WEST NATIONAL
EFFINGHAM, IL 62401
ATTN: MIKE WORTHY
5. CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM UTILITY LINES. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CLEARANCES PER THE NATIONAL ELECTRICAL SAFETY CODE AND/OR THE REQUIREMENTS OF THE UTILITY COMPANIES. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. REROUTING, DISCONNECTION, RELOCATION, PROTECTION ETC., OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE TRENCH AND BACKFILL FOR ELECTRICAL WORK PAY ITEM.
7. ALL EXISTING LIGHT POLES SHALL OPERATE FROM DUSK TO DAWN DAILY FOR THE DURATION OF THIS PROJECT. LIGHT POLES SHALL BE RELOCATED PER THE PLANS BY THE CONTRACTOR DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT APPROVAL OF THE ENGINEER.
8. THE EXISTING POLE MOUNTED LIGHTING CONTROLLER SHALL BE RELOCATED TO THE PROPOSED ELECTRIC SERVICE INSTALLATION POLE. THE CONTRACTOR SHALL RECONNECT THE LIGHTING CONTROLLER TO THE PROPOSED SERVICE AND BRANCH CIRCUITS.
9. THE CONTRACTOR SHALL CONSTRUCT A CONCRETE WORK PAD IN FRONT OF THE RELOCATED LIGHTING CONTROLLER PER ARTICLE 825.03 OF THE STANDARD SPECIFICATIONS.

10. LUMINAIRES SHALL BE ORIENTED WITH OPTICS PERPENDICULAR TO THE CENTERLINE OF THE ROADWAY AS REQUIRED BY ARTICLE 821.04 OF THE STANDARD SPECIFICATIONS.
11. NO POLES TO BE INSTALLED IN THE FLOWLINE OF DITCH. POLE SETBACK TO BE INCREASED IF NECESSARY AS DIRECTED BY THE ENGINEER.
12. UNDERGROUND CONDUIT, COLLABLE NONMETALLIC CONDUIT SHALL BE SCHEDULE 80 AS NOTED IN THE PLANS.
13. STAINLESS STEEL SCREEN INSTALLED AROUND BREAKAWAY COUPLINGS OR ANCHOR BODS AND NUTS SHALL BE ACCORDING TO ART. 107D.04 (2)(2) OF THE STANDARD SPECIFICATIONS EXCEPT THE MINIMUM WIRE DIAMETER SHALL BE AWG NO.16 (1.6 mm).
14. STAINLESS STEEL SCREEN SHALL COVER ALL VOIDS BETWEEN THE POLE AND FOUNDATION ACCORDING TO ARTICLE 828.02 INCLUDING THE VOIDS ON THE UNDERSIDE OF THE ALUMINUM POLE BASE PLATE.

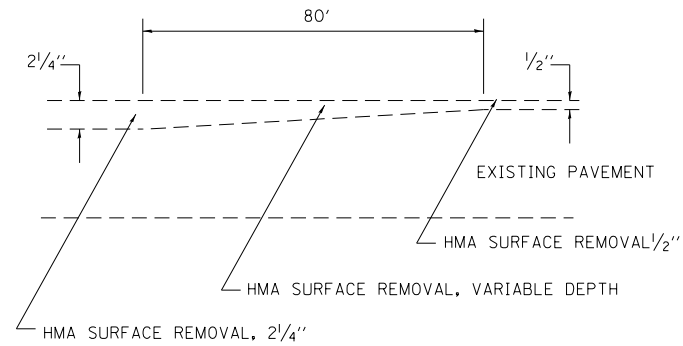
LEGEND

- EXISTING LIGHT POLE TO BE RELOCATED, ALUMINUM, 40' M.H., 10' DAVIT ARM, WITH 250 W LUMINAIRE
- RELOCATED LIGHT POLE ON NEW BREAKAWAY COUPLINGS AND FOUNDATION
- EXISTING LIGHTING CONTROLLER TO BE RELOCATED TO PROPOSED ELECTRIC SERVICE INSTALLATION POLE, 30 AMP, 240 VOLT, 1 PHASE.
- RELOCATED LIGHTING CONTROLLER
- PROPOSED ELECTRIC SERVICE INSTALLATION
- UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE) 3/4" DIA. POLYETHYLENE
- UNDERGROUND CONDUIT, COLLABLE NONMETALLIC CONDUIT, 2" DIA.



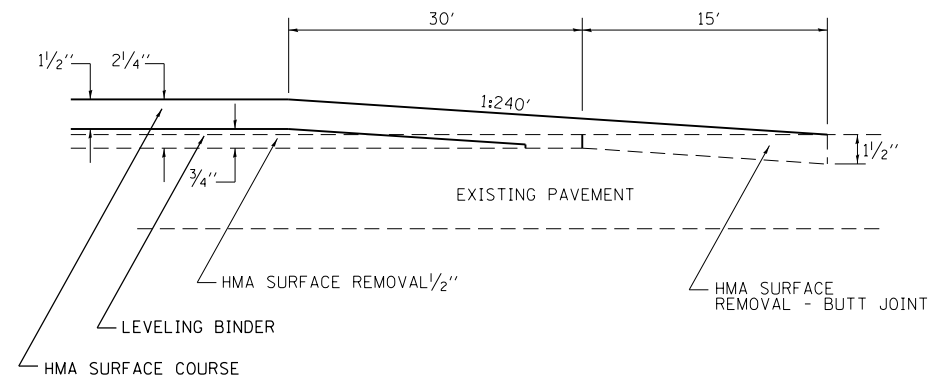
FILE NAME: 1	USER NAME: c:\at\cfrenk	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HIGHWAY LIGHTING DETAILS			F.A.S. RTE. 2801	SECTION 102RS-3,103RS-2,102N	COUNTY	TOTAL SHEETS 84	SHEET NO. 55
c:\spw\proj\k\spw\d01\state\cfrenk\100214201\07	4002-shs-lighting	DRAWN: -	REVISED: -		SCALE: N/A	SHEET NO. 1 OF 3 SHEETS	STA.	TO STA.	Effingham, Fayette	CONTRACT NO. 74052	ILLINOIS FED. AID PROJECT	
	PLOT SCALE: 1/8" = 1'-0"	CHECKED: -	REVISED: -									
	PLOT DATE: 11/14/2014	DATE: -	REVISED: -									

REV.



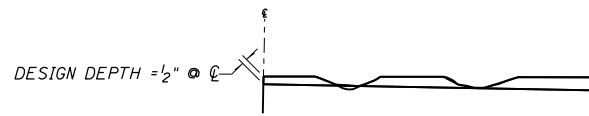
TRANSITION DETAIL

- STA 958+06 TO STA 958+86
- STA 985+97 TO STA 986+77
- STA 1026+85 TO STA 1027+65
- STA 1048+10 TO STA 1048+90
- STA 1070+03 TO STA 1070+83
- STA 1096+47 TO STA 1097+27
- STA 1128+27 TO STA 1129+07
- STA 1162+96 TO STA 1163+76
- STA 1371+31 TO STA 1372+11
- STA 1399+64 TO STA 1400+44



BUTT JOINT DETAIL

- STA 733+89 TO STA 734+34
- STA 968+55 TO STA 969+00
- STA 980+00 TO STA 980+45
- STA 1416+43.90 TO STA 1416+88.90



NOTES:

1. MILLING SHALL BE DONE TO ATTAIN A 3/16" /' SLOPE IN CROWN SECTIONS
2. EXISTING S.E. AND S.E. TRANSITIONS SHALL BE MAINTAINED UNLESS OTHERWISE SHOWN ON THE PLANS.
3. MILLING TO THE BOTTOM OF WHEEL RUTS SHALL NOT BE NECESSARY UNLESS REQUIRED TO OBTAIN SLOPE OR THE DESIGN DEPTH AT CENTERLINE.
4. THE AVERAGE DEPTH OF MILLING IS ESTIMATED TO BE 1/2" BUT MAY VARY IN ISOLATED LOCATIONS.

HOT MIX ASPHALT SURFACE REMOVAL
1/2" DETAIL

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\p\dot\steffenmk\d0121426\07	4052-sht-detail.dgn	DRAWN -	REVISED -		SCALE: N/A	SHEET 1	OF 2	SHEETS	STA.	TO STA.	2801	84	58
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -								• Effingham, Fayette		CONTRACT NO. 74052
	PLOT DATE = 6/6/2014	DATE -	REVISED -								ILLINOIS FED. AID PROJECT		

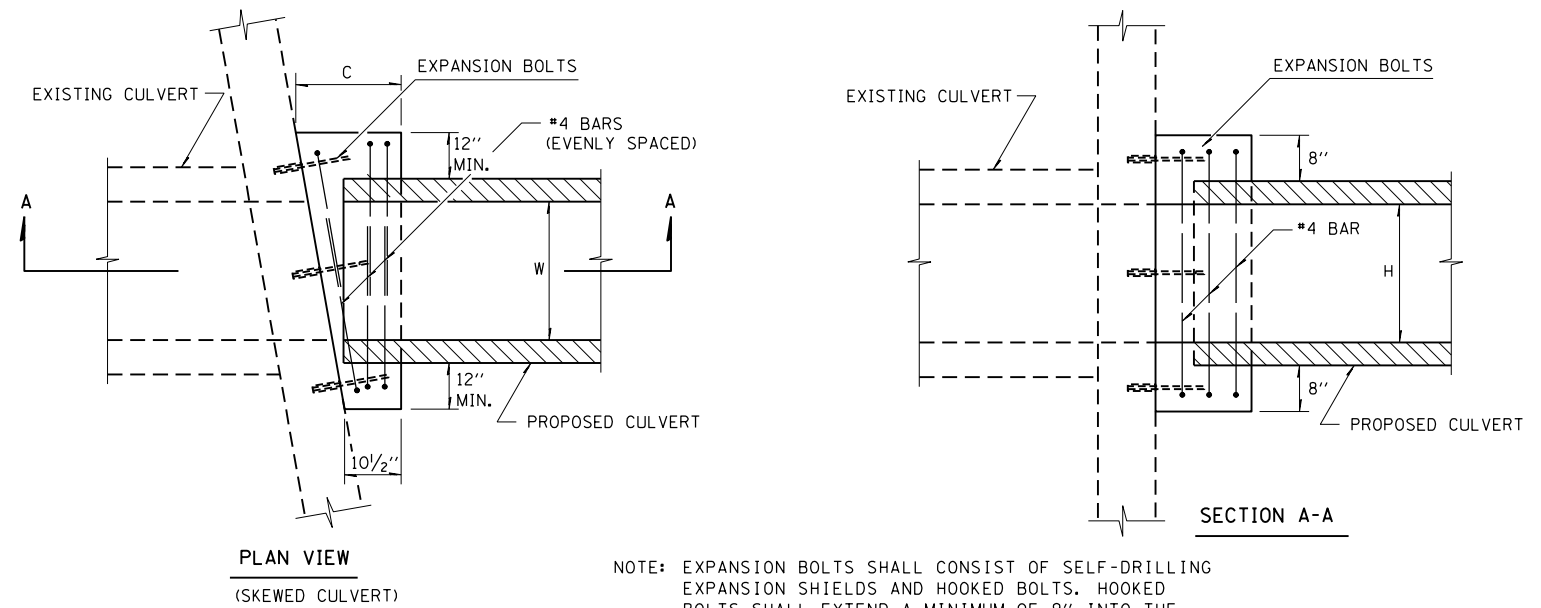
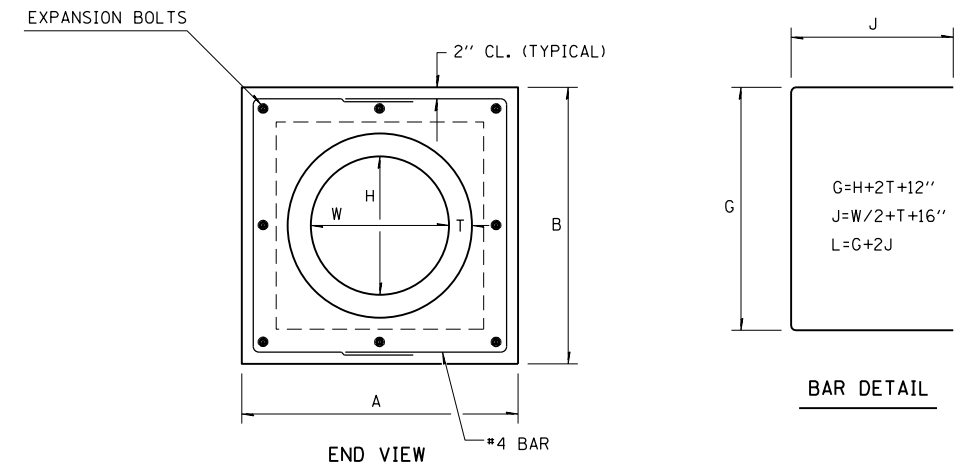
CULVERT EXTENSION SCHEDULE

LOCATION		DIMENSIONS						REINFORCEMENT BARS					PIPE CULVERTS 30"		CONC. COLLAR
SIDE	STATION	A	B	C	W	H	T	G	J	L	POUNDS	EXPAN. BOLTS	LENGTH	END SECTIONS	
LT.	865+95	61	53	46	30	30	3.5	49	34.5	118	39	8	26	1	1.3
RT.	865+95	61	53	46	30	30	3.5	49	34.5	118	39	8	15	1	1.3

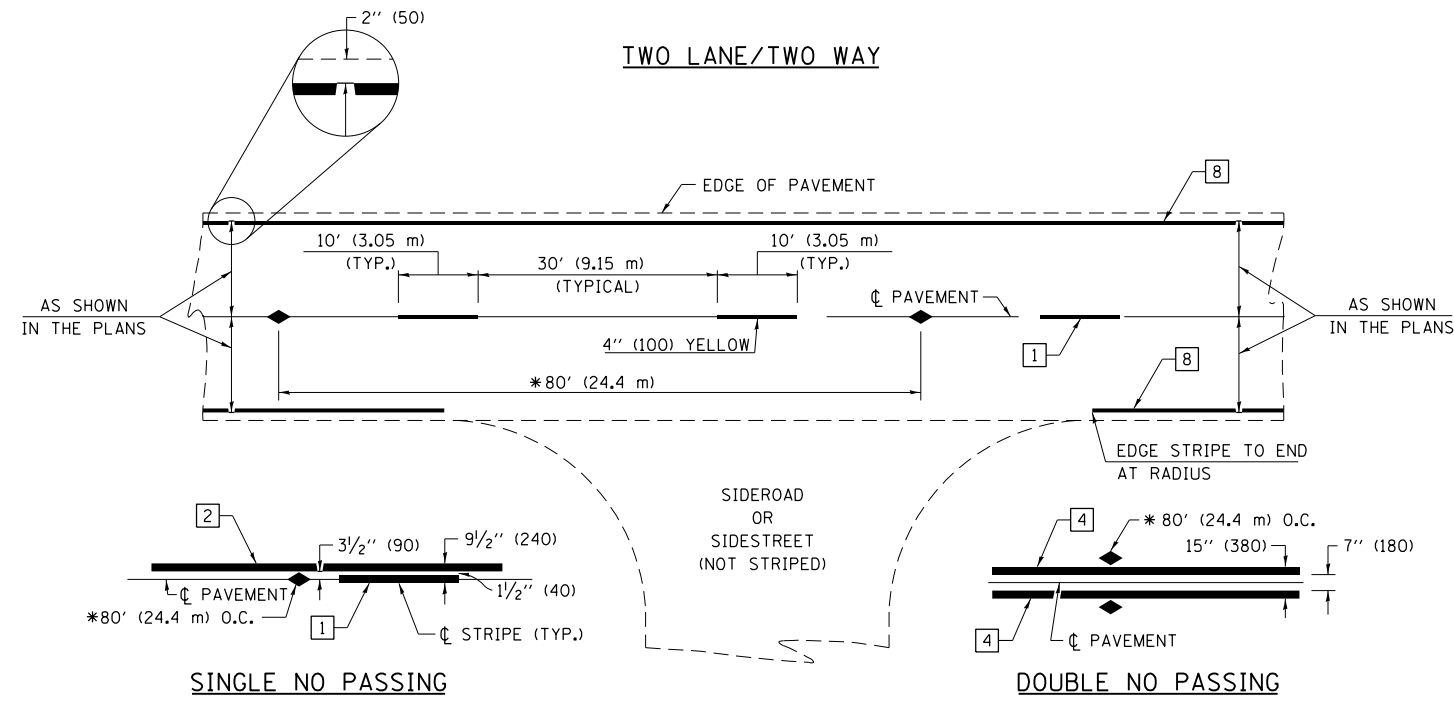
REMOVE CONCRETE BOX CULVERT END SECTION	
LT STA 865+95	1 EACH
RT STA 865+95	1 EACH

NOTE: SAVE EXISTING EXPANSION BOLTS AND INCORPORATE INTO NEW COLLAR IF POSSIBLE

DETAIL OF CONCRETE COLLAR FOR BOX CULVERT EXTENSIONS



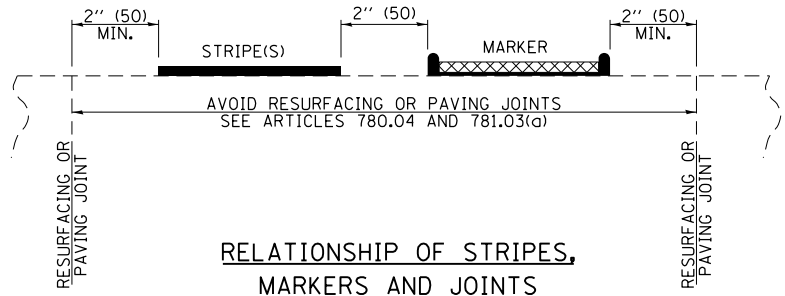
NOTE: EXPANSION BOLTS SHALL CONSIST OF SELF-DRILLING EXPANSION SHIELDS AND HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO THE NEW CONCRETE.



* 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

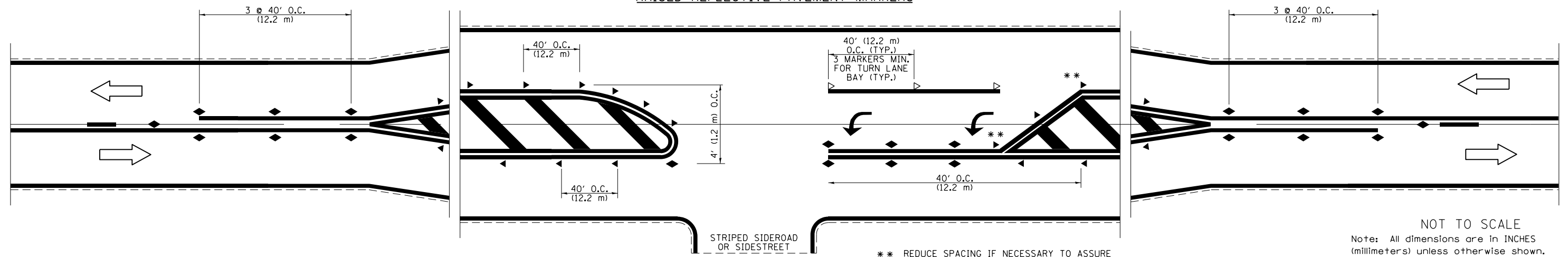
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP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

RAISED REFLECTIVE PAVEMENT MARKERS



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

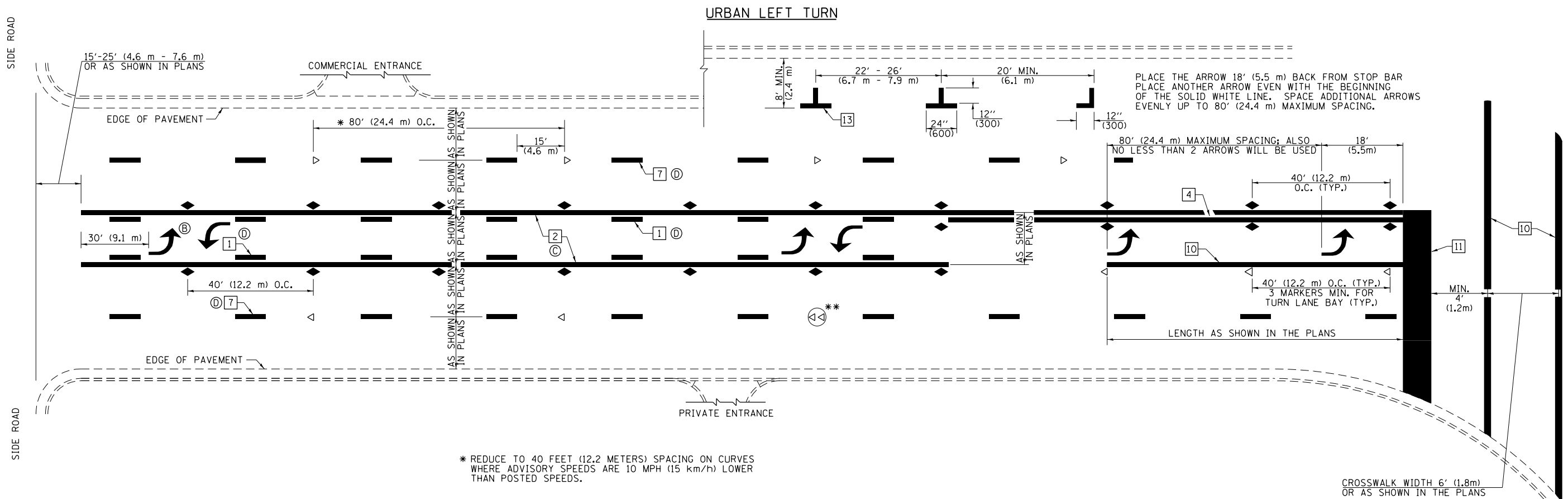
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 6/6/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

DISTRICT 7 DETAIL NO. 78000001				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3,103RS-2,102N		84	60
Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				

SCALE: N/A 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.

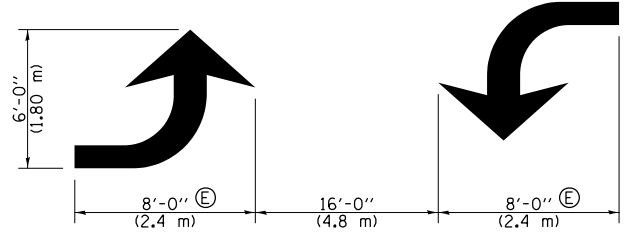
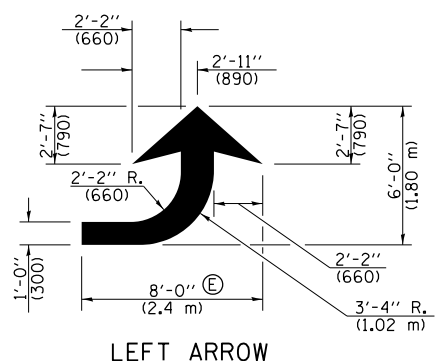
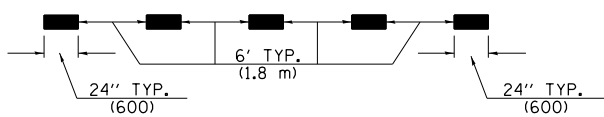
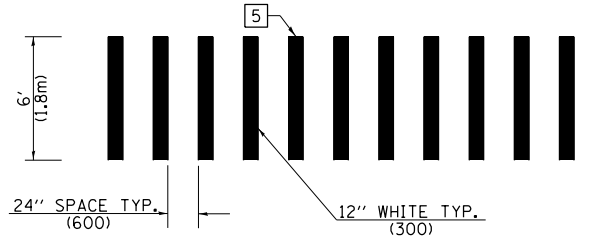
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

PAVEMENT MARKING LEGEND

- 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

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.



TYPICAL DOUBLE TURN ARROWS (WHITE)

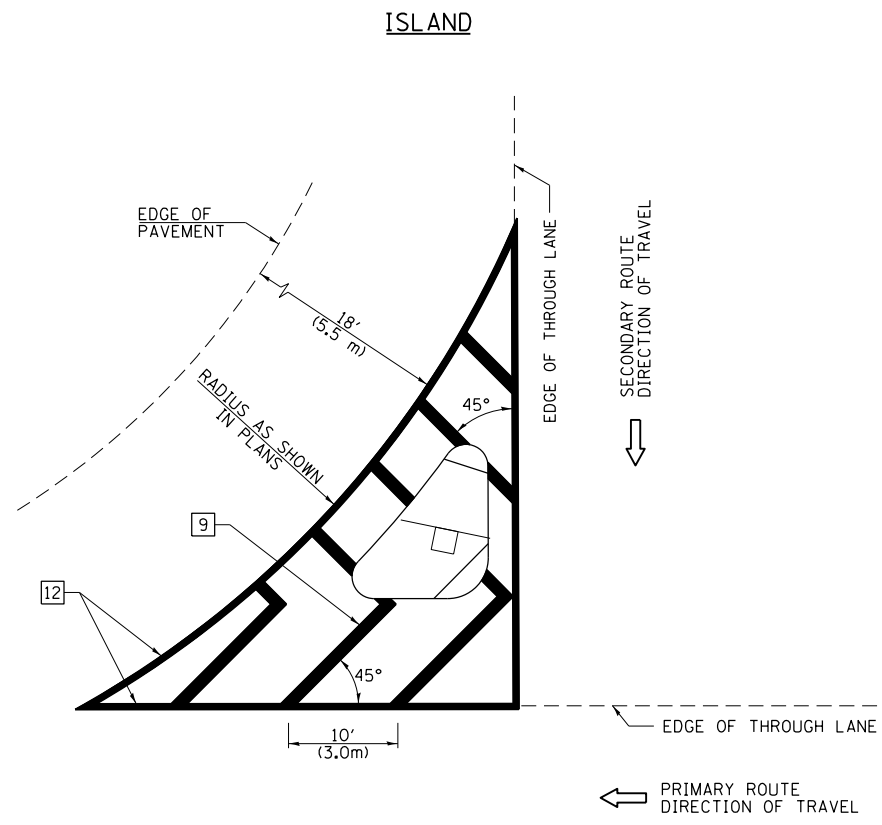
LEFT ARROW
REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ei:\pw\work\p\idot\steffenmk\d0121426\0774052-shr-detail.dgn	DRAWN -	REVISED -	2801				102RS-3.103RS-2.102N	Effingham, Fayette	84	61		
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 74052									
PLOT DATE = 6/6/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									
					SCALE: N/A	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.				

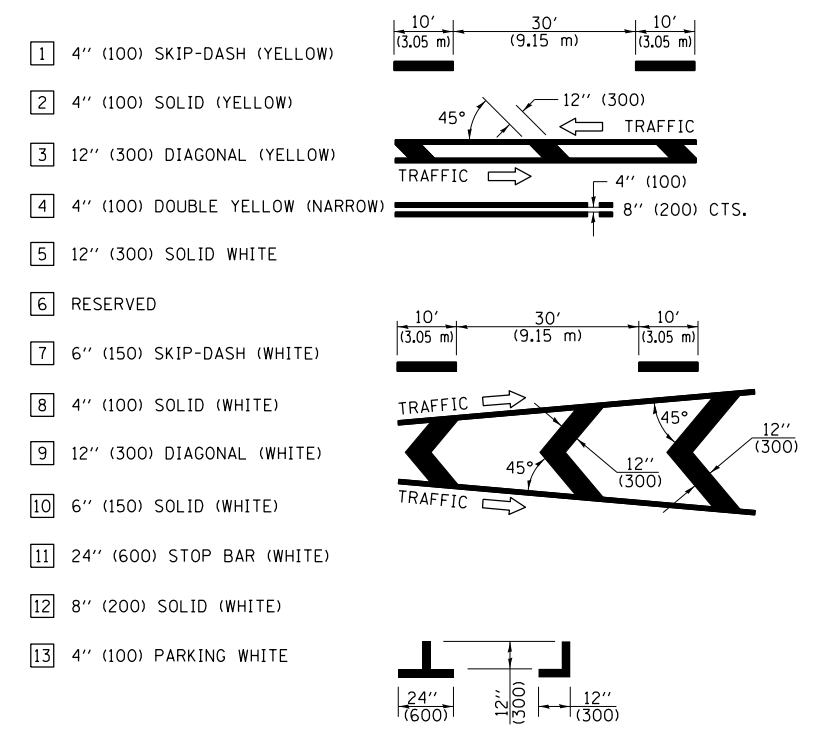


GENERAL NOTES

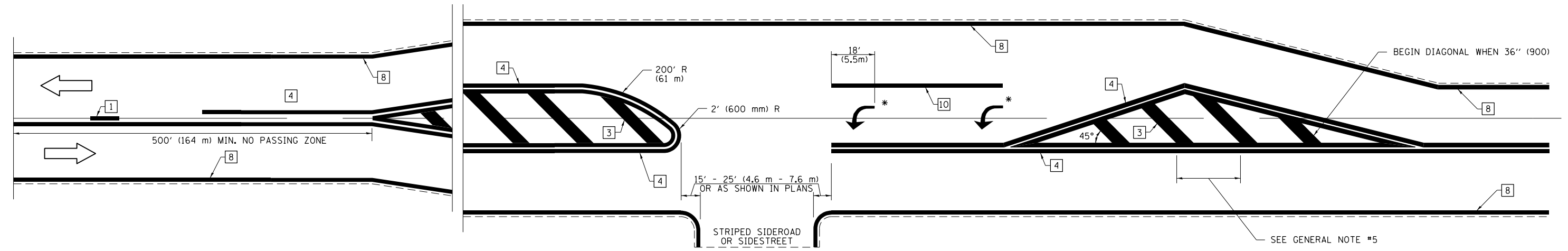
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING 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



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

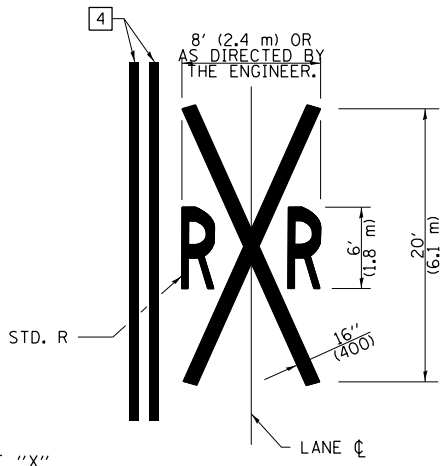
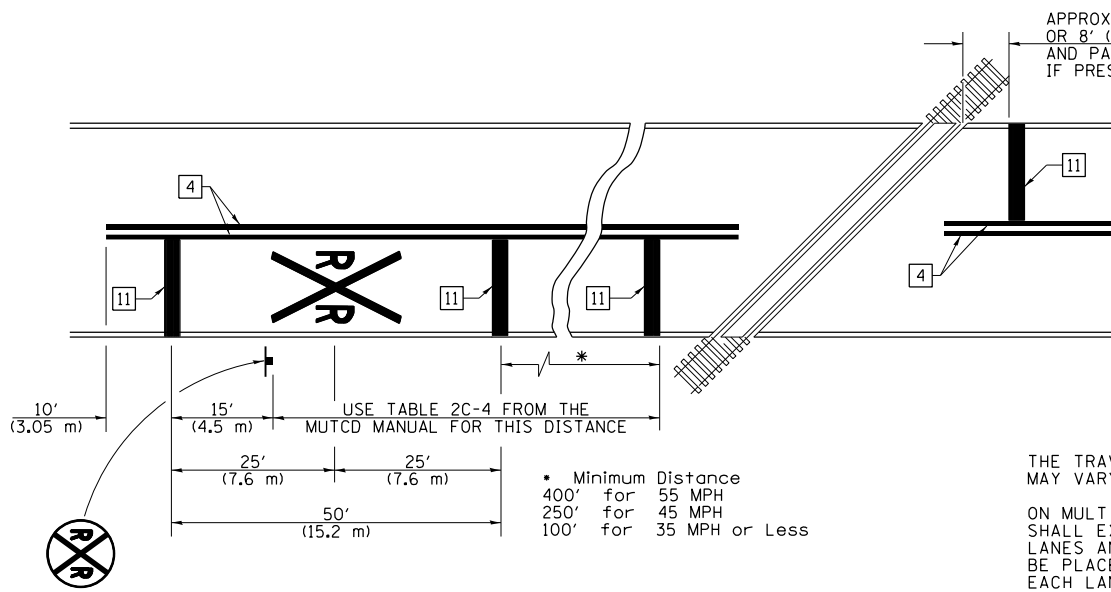
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	PLOT DATE = 6/6/2014	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
 (RURAL & URBAN APPLICATIONS)**
 SCALE: N/A SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3,103RS-2,102N		84	62
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

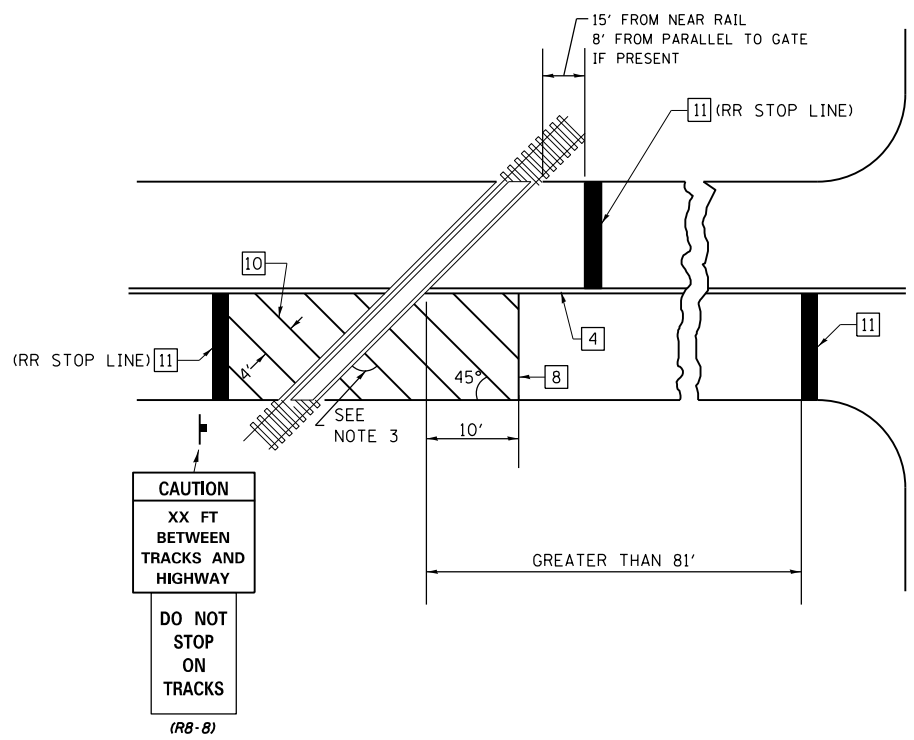
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

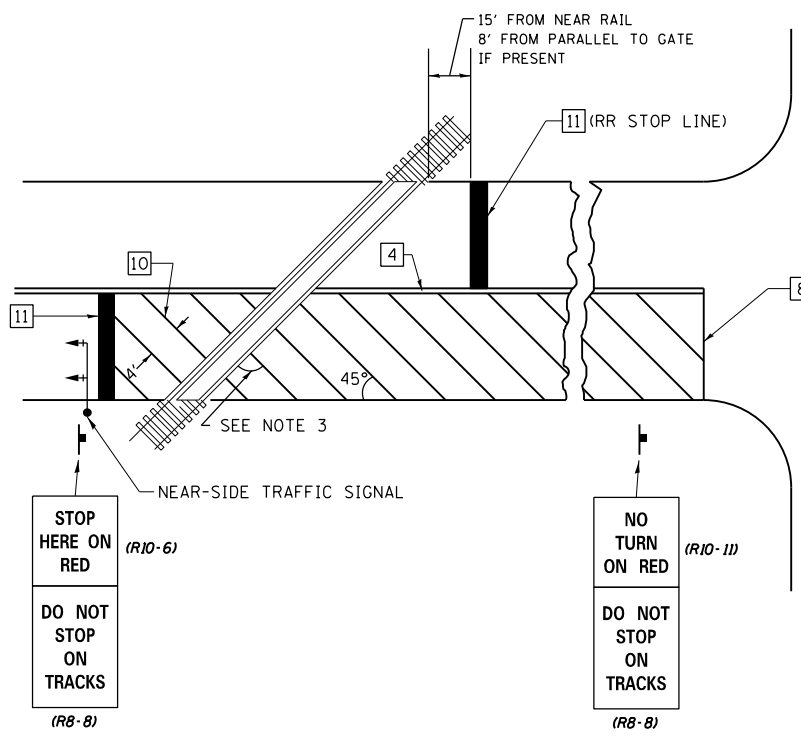
PAVEMENT MARKING LEGEND

- 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

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.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
ei:\pw\work\p\id\dot\stevfenmk\d0121426\074052-shr-detail.dgn		DRAWN -	REVISED -
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	PLOT DATE = 6/6/2014	DATE -	REVISED -

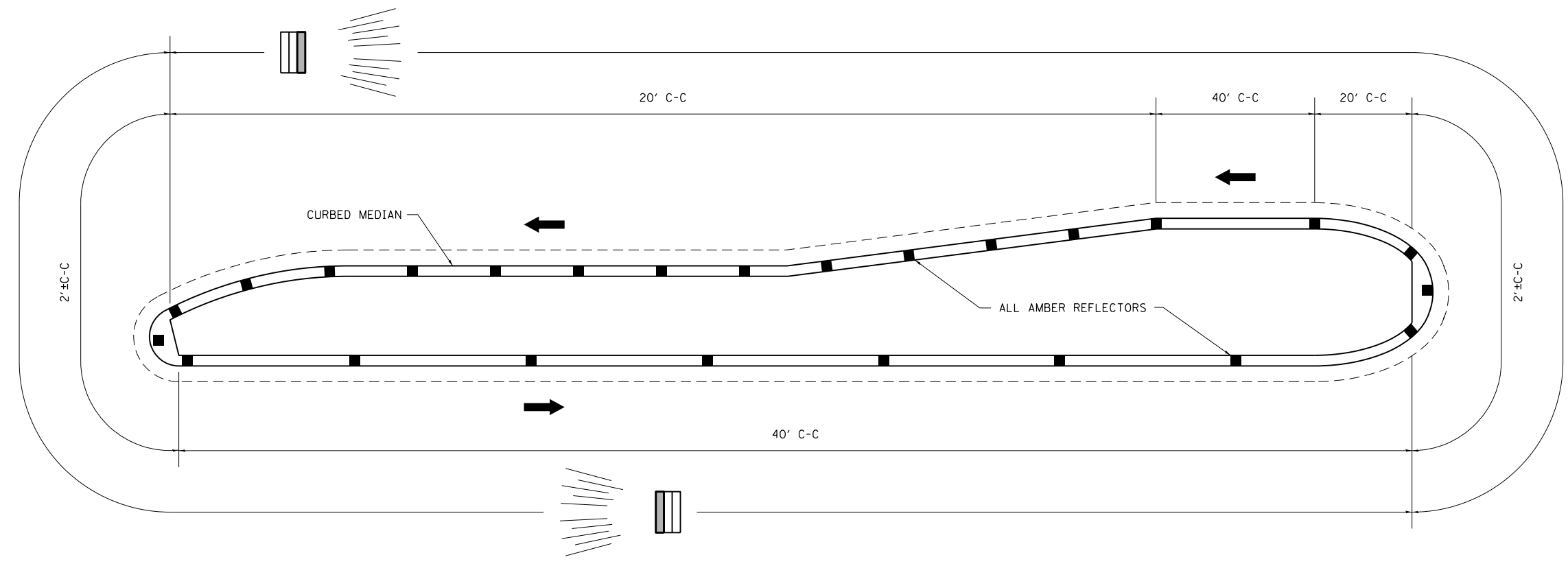
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

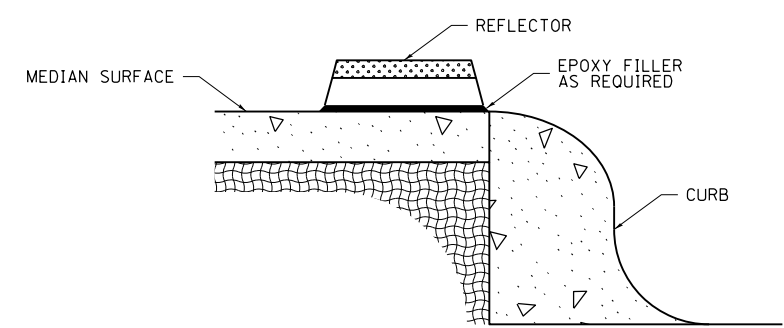
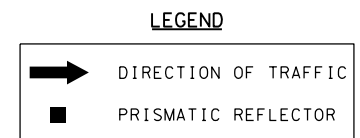
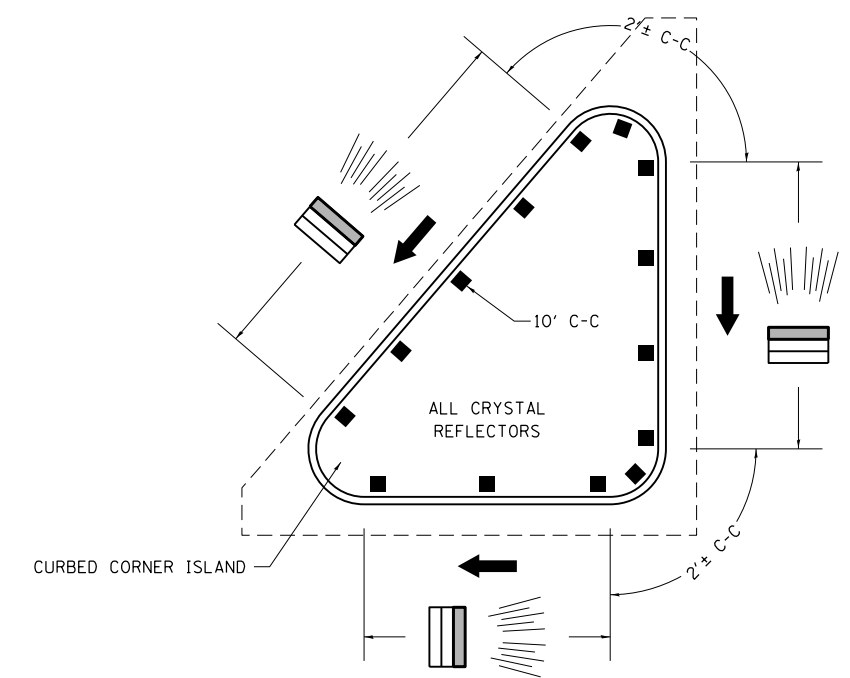
SCALE: N/A SHEET NO. 4 OF 4 SHEETS STA. TO STA.

DISTRICT 7 DETAIL NO. 78000001				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N		84	63
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				

TYPICAL PLACEMENT OF PRISMATIC CURB REFLECTORS



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.
4. REFER TO SCHEDULES FOR PRISMATIC REFLECTOR QUANTITIES.
5. USE A MINIMUM OF 3 REFLECTORS ON ISLAND NOSES.



SECTION VIEW

NOT TO SCALE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
ci:\pw\work\p\dot\steffenmk\d0121426\07	4052-shr-detail.dgn	DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/6/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

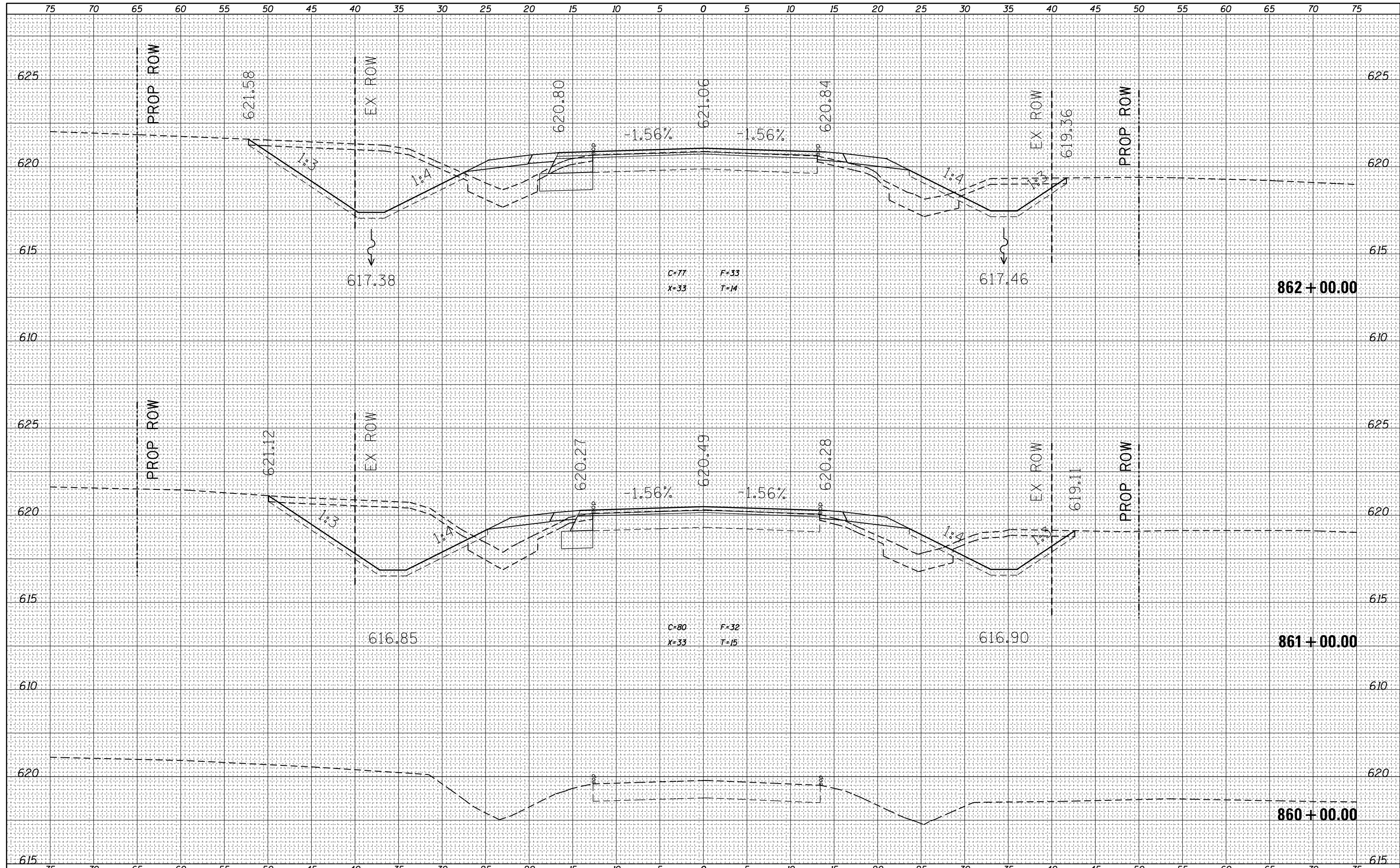
PRISMATIC CURB REFLECTOR

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

DISTRICT 7 DETAIL NO. 78200300				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	•	84	64
• Effingham, Fayette			CONTRACT NO. 74052	
ILLINOIS FED. AID PROJECT				

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

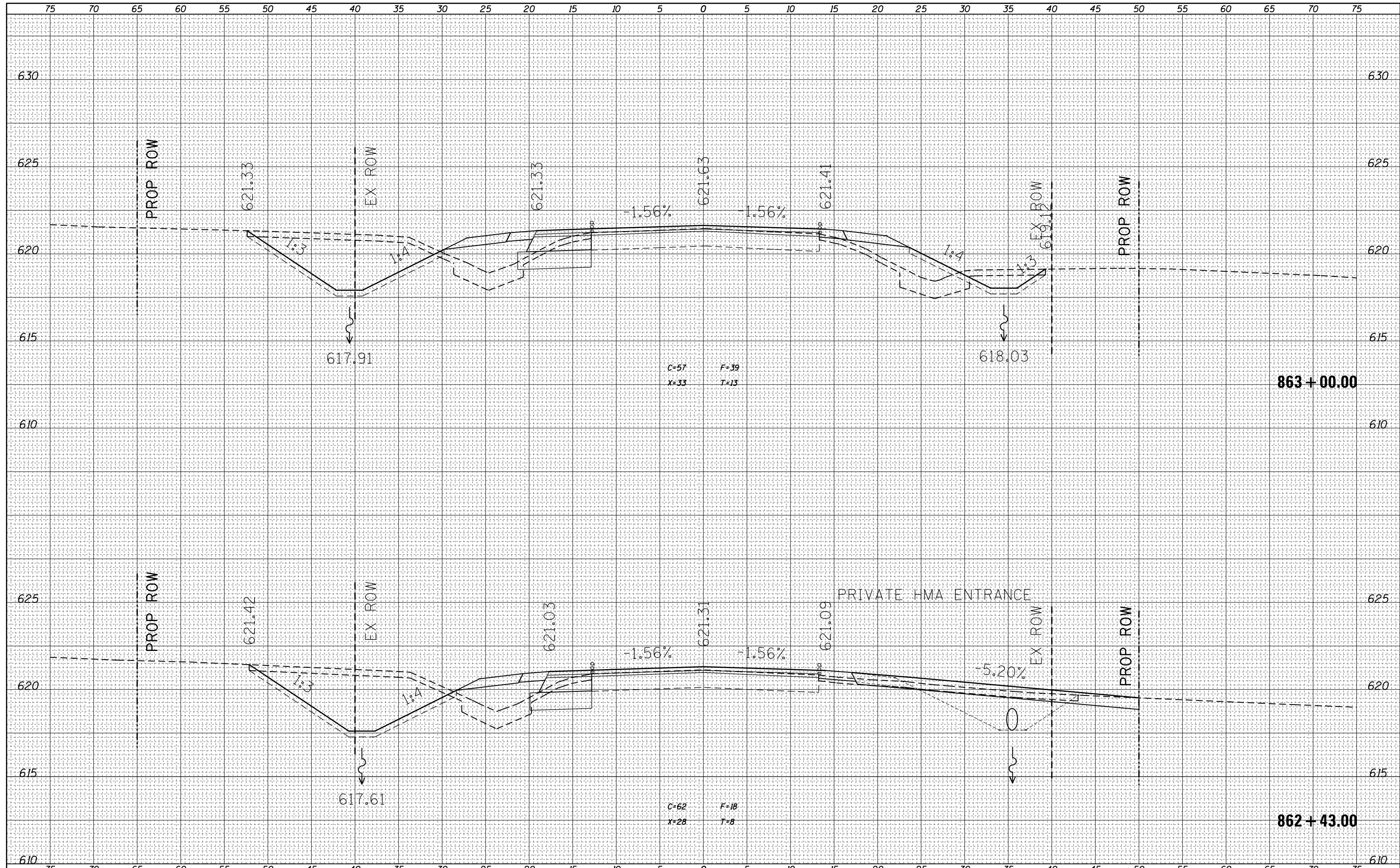
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BY	
ORIGINAL SURVEY NO.	
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NOTE BOOK AREAS CHECKED	
TEMPLATE AREAS CHECKED	



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 128			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\pwidot\steffenmk\d0121426\0774052-sht-xs.dgn	DRAWN -	REVISED -	2801					102RS-3.103RS-2.102N	EFF./FAY.	84	65	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 74052									
PLOT DATE = 6/6/2014	DATE -	REVISED -	SCALE: 5		SHEET 1 OF 20 SHEETS	STA. 860+00.00 TO STA. 862+00.00	ILLINOIS FED. AID PROJECT					

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

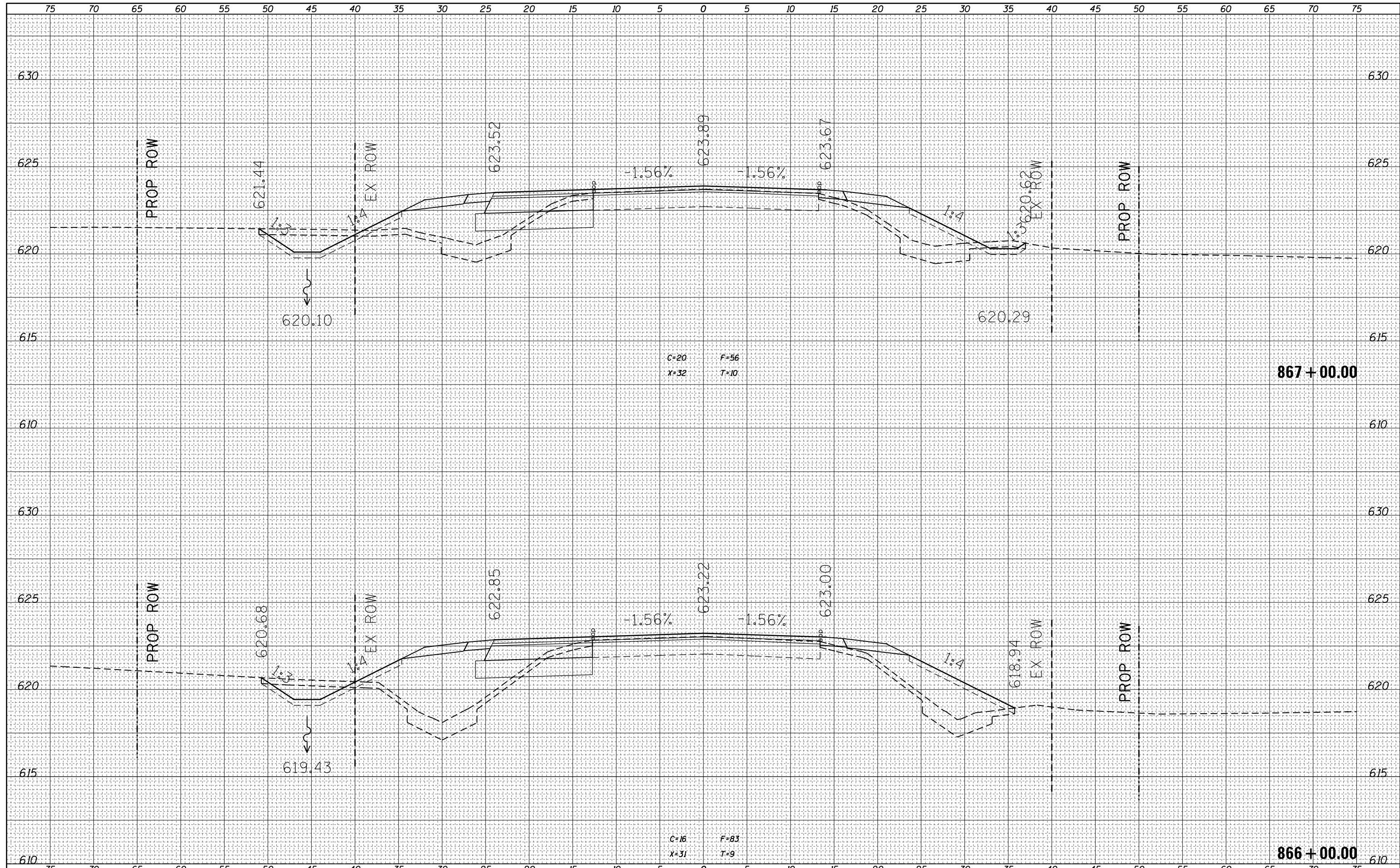
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BY	
ORIGINAL SURVEY NO.	
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PLOTTED	
TEMPLATE	
AREAS CHECKED	



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 128			F.A.S. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\steffenmk\d0121426\0774052-sht-xs.dgn	DRAWN -	REVISED -	2801					102RS-3.103RS-2.102N	EFF./FAY.	84	66	
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74052			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 6/6/2014	DATE -	REVISED -		SCALE: 5	SHEET 2 OF 20 SHEETS	STA. 862+43.00 TO STA. 863+00.00					

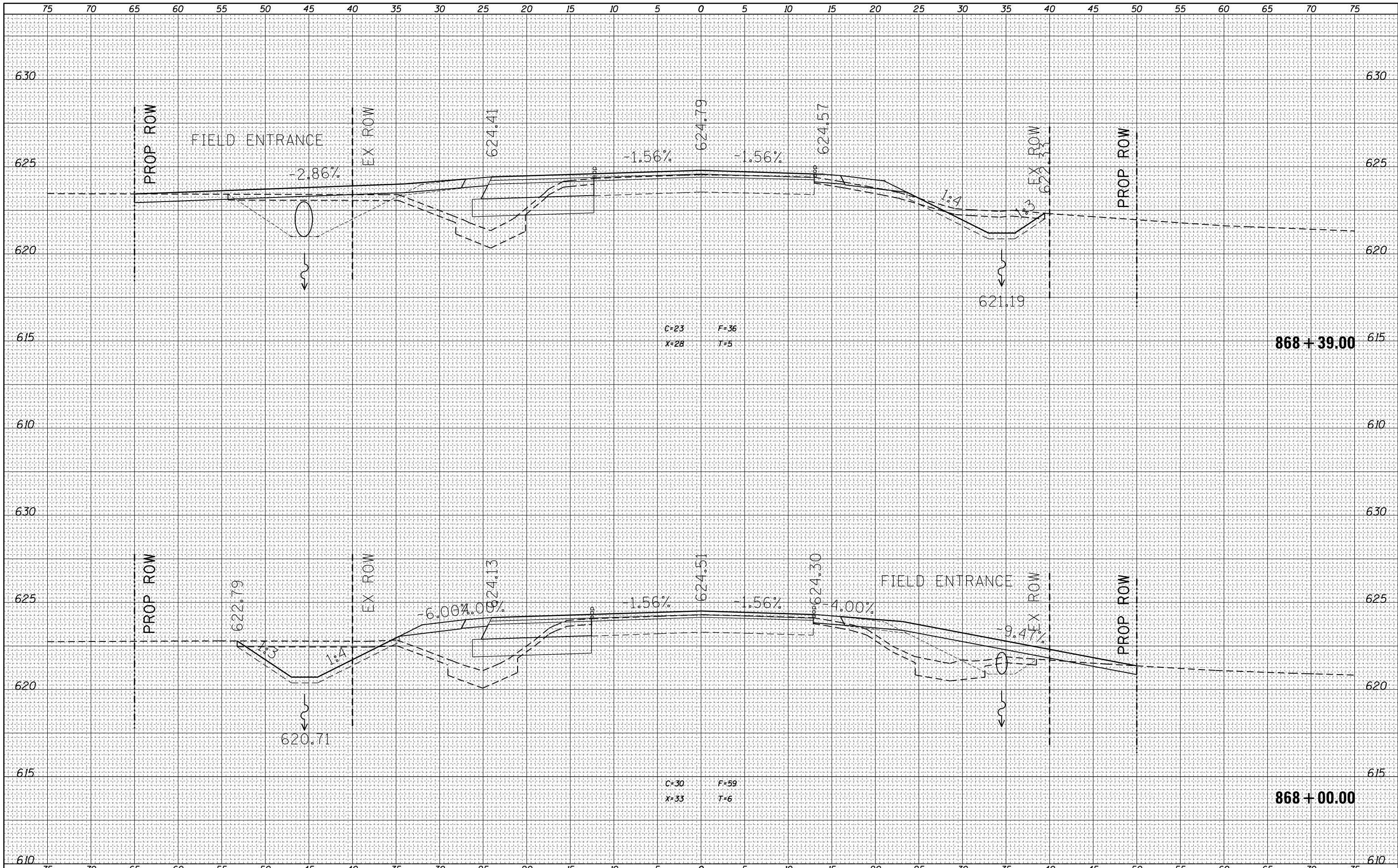
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BY	
FINAL SURVEY NO.	
SURVEYED	
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

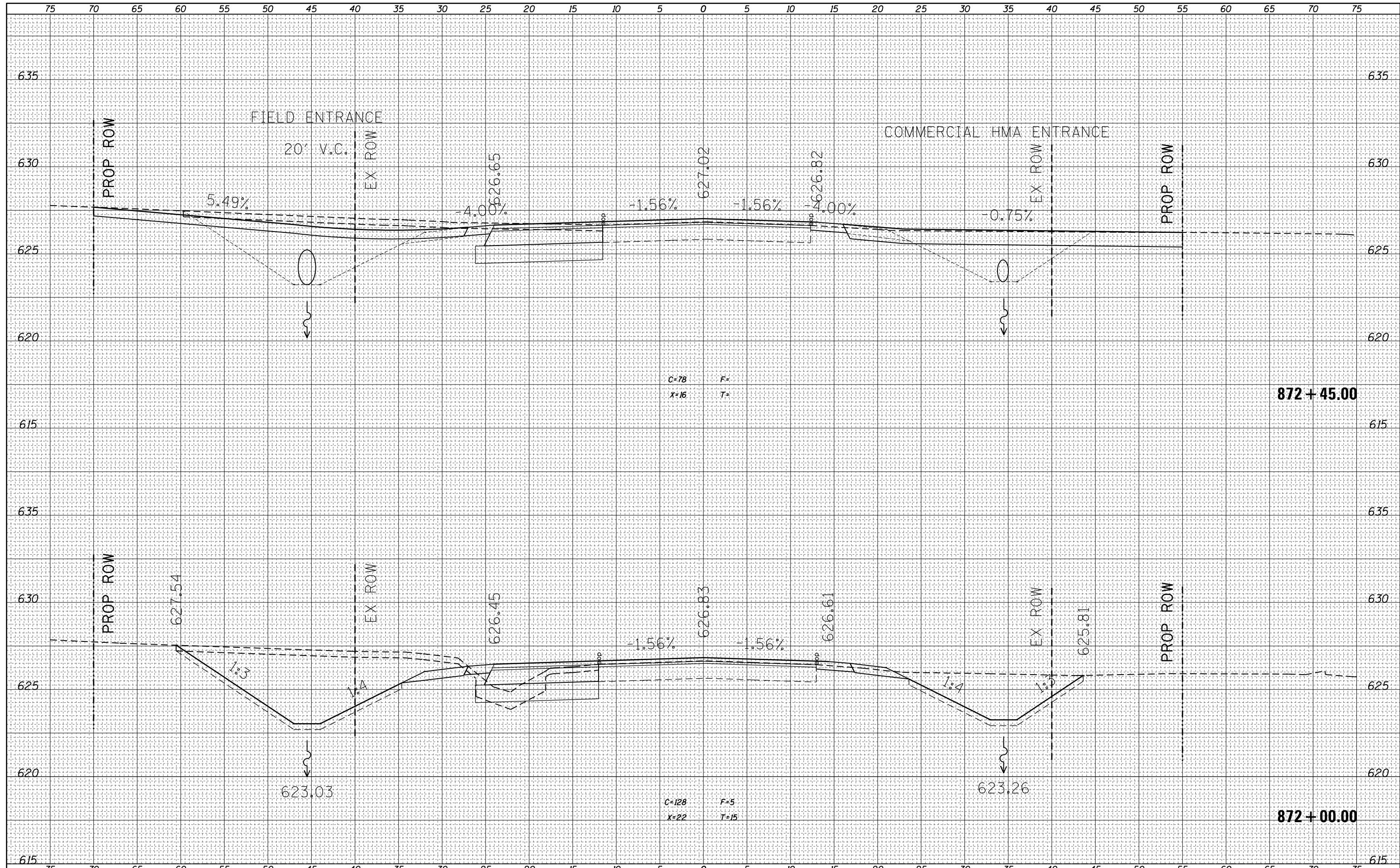
CROSS SECTIONS - IL 128

SCALE: 5
 SHEET 6 OF 20 SHEETS
 STA. 868+00.00 TO STA. 868+39.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	EFF./FAY.	84	70
CONTRACT NO. 74052			ILLINOIS FED. AID PROJECT	

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NOTE BOOK	PLOTTED
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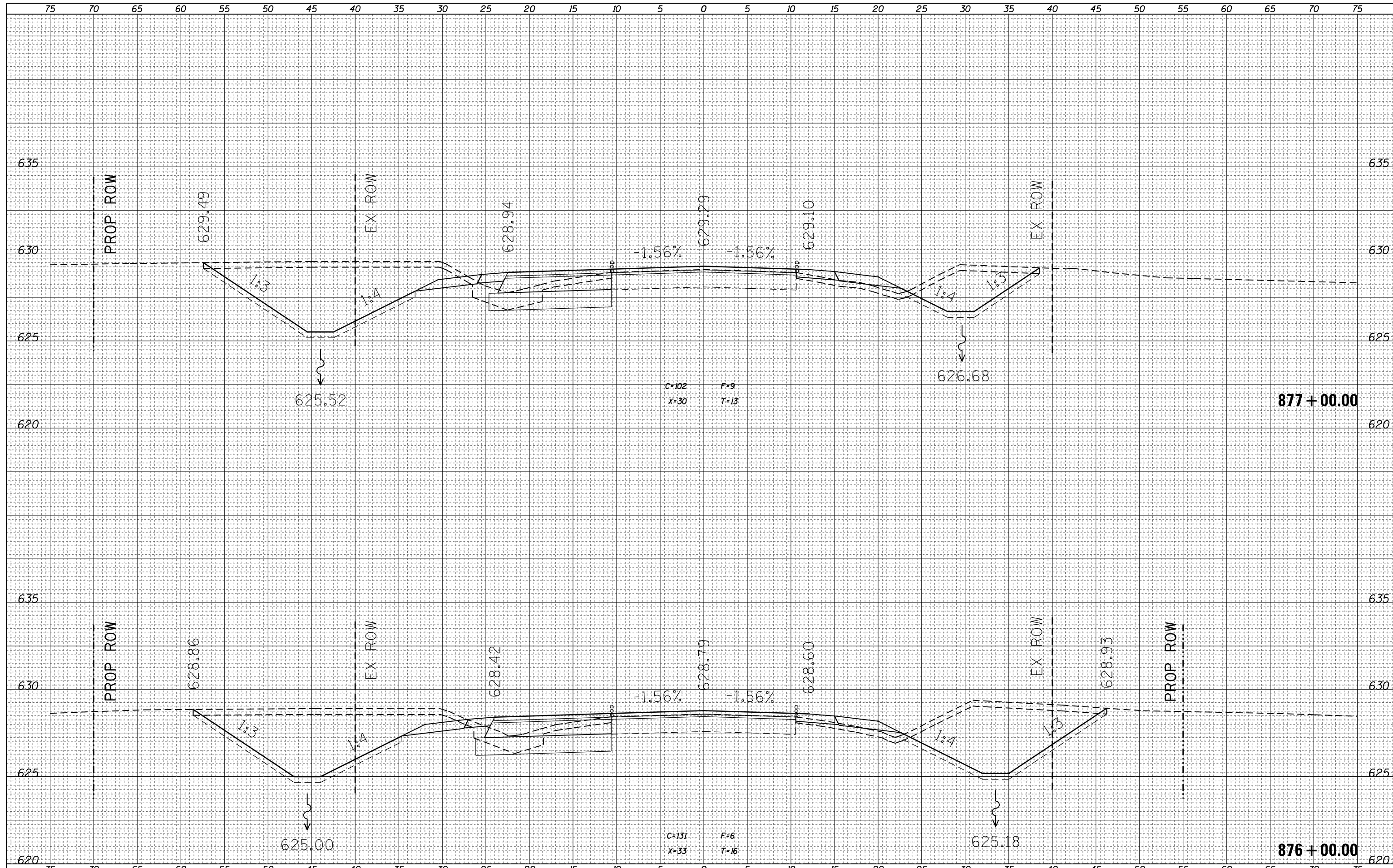
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Default	Plot Scale = 10.0000' / in.	CHECKED -	REVISED -					2801	102RS-3.103RS-2.102N	EFF./FAY.	84	73
	PLOT DATE = 6/6/2014	DATE -	REVISED -		SCALE: 5			SHEET 9 OF 20 SHEETS			STA. 872+00.00 TO STA. 872+45.00	
								ILLINOIS FED. AID PROJECT			CONTRACT NO. 74052	

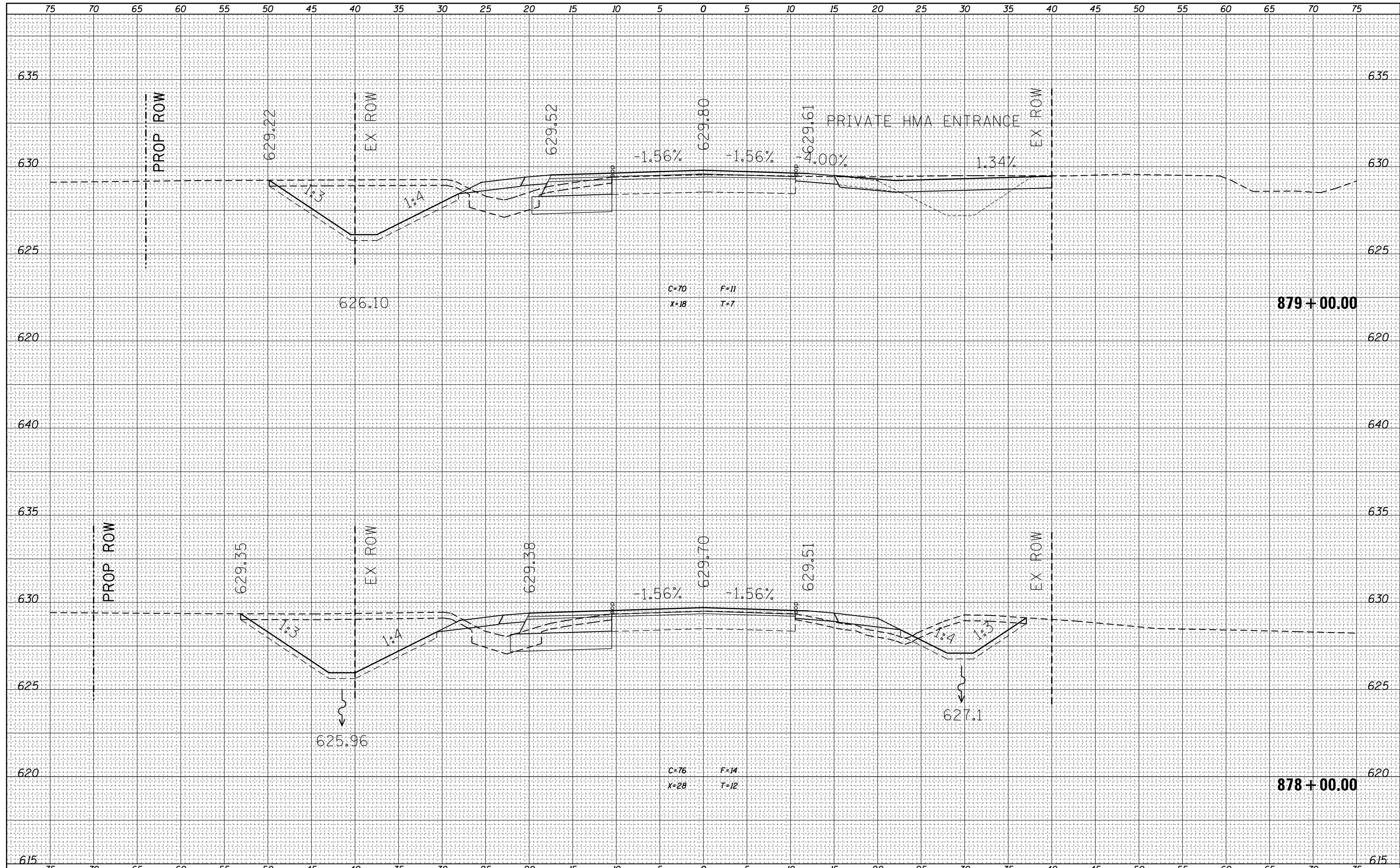
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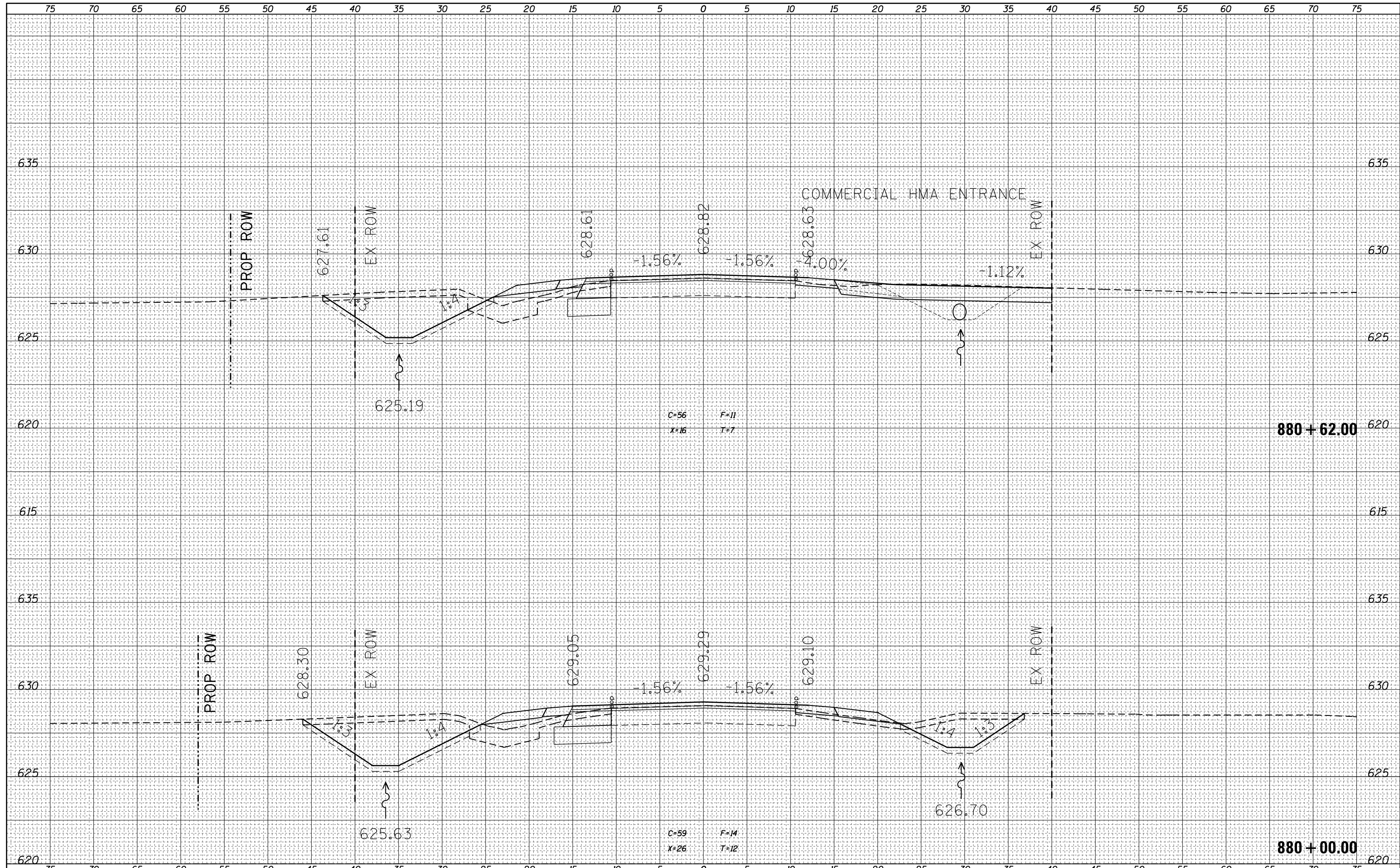
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - IL 128
 SCALE: 5 SHEET 13 OF 20 SHEETS STA. 878+00.00 TO STA. 879+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	EFF./FAY.	84	77
CONTRACT NO. 74052			ILLINOIS FED. AID PROJECT	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

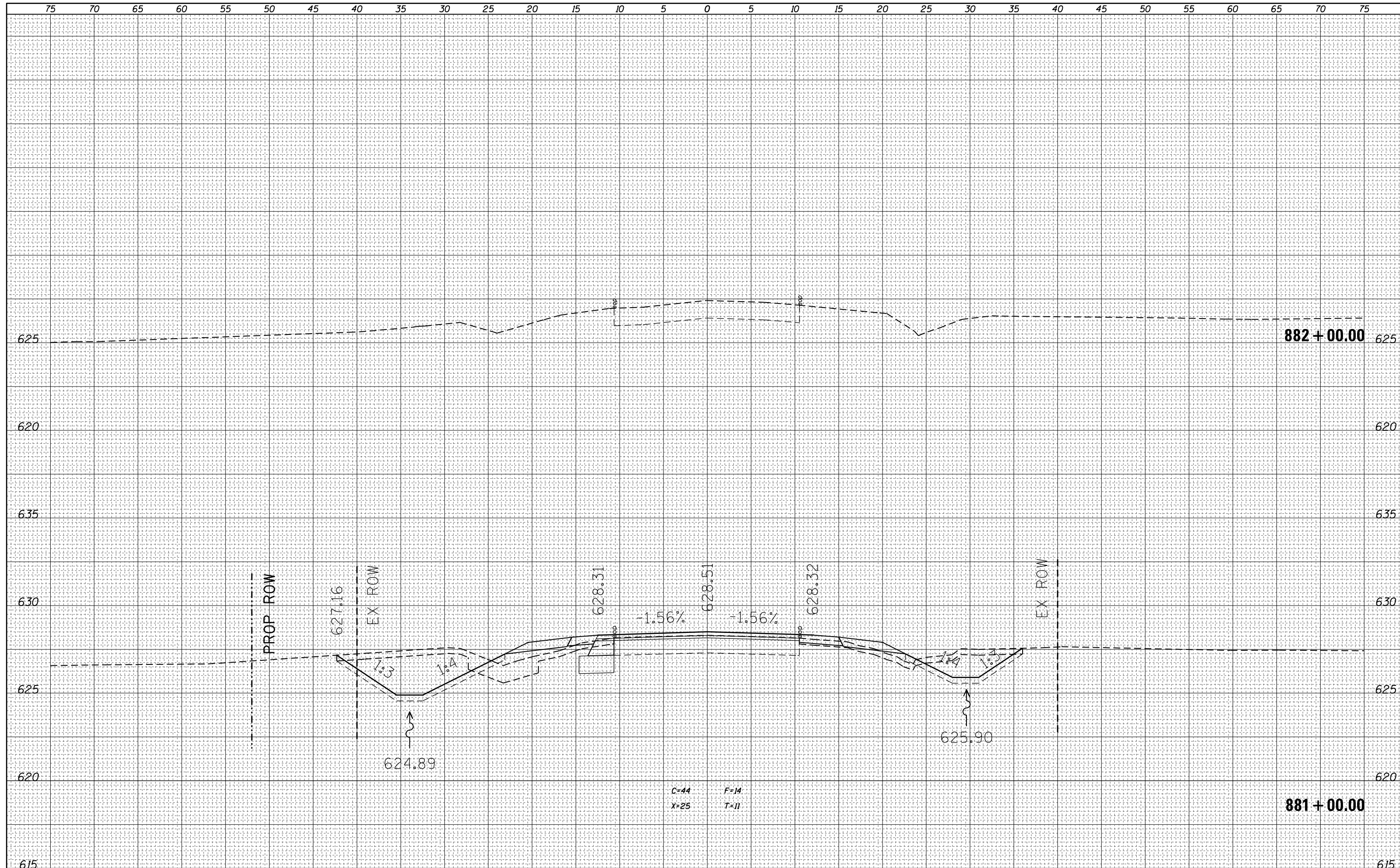
CROSS SECTIONS - IL 128

SCALE: 5 SHEET 14 OF 20 SHEETS STA. 880+00.00 TO STA. 880+62.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	EFF./FAY.	84	78
CONTRACT NO. 74052			ILLINOIS FED. AID PROJECT	

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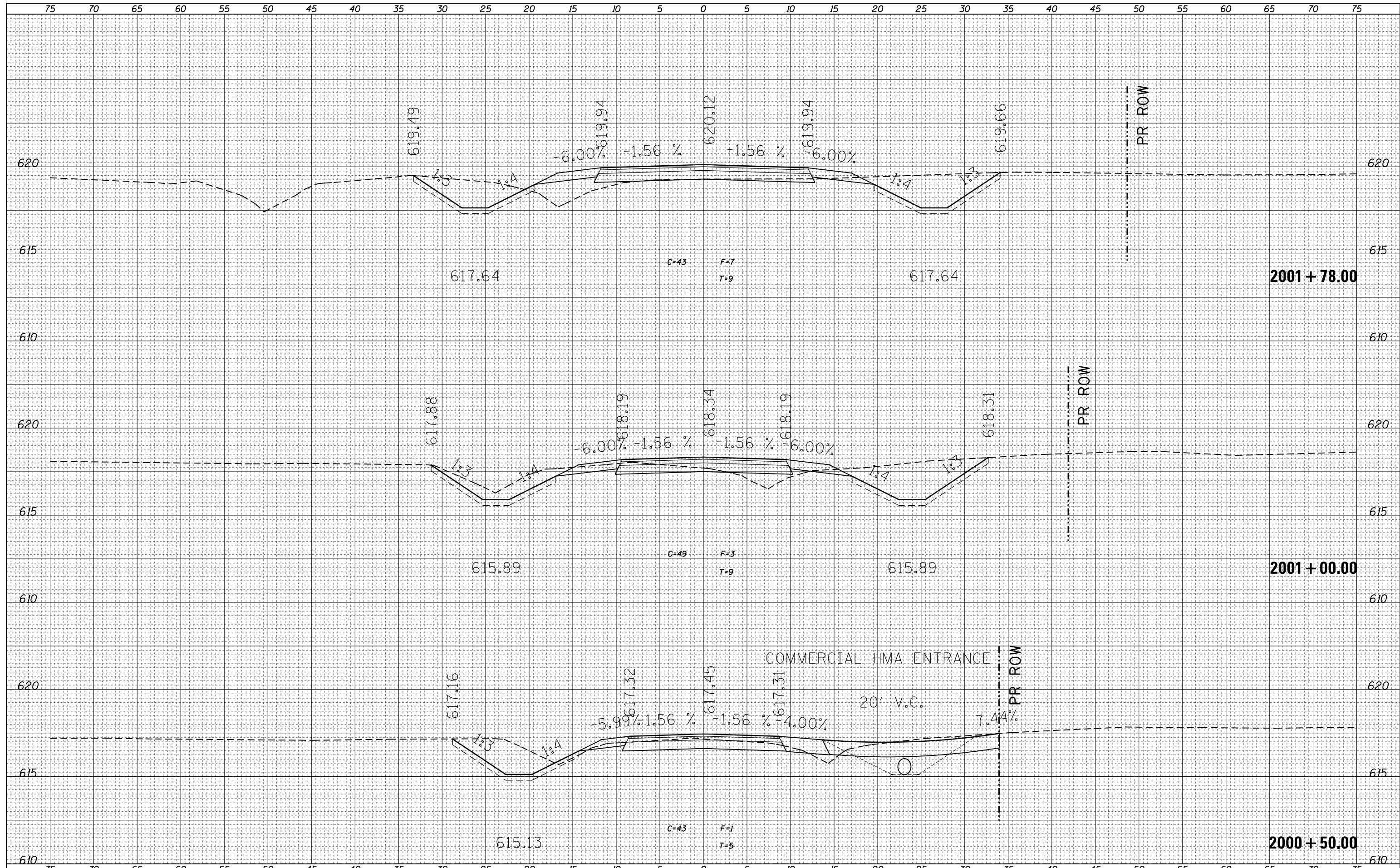
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - IL 128
 SCALE: 5 SHEET 15 OF 20 SHEETS STA. 881+00.00 TO STA. 882+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2801	102RS-3.103RS-2.102N	EFF./FAY.	84	79
CONTRACT NO. 74052			ILLINOIS FED. AID PROJECT	

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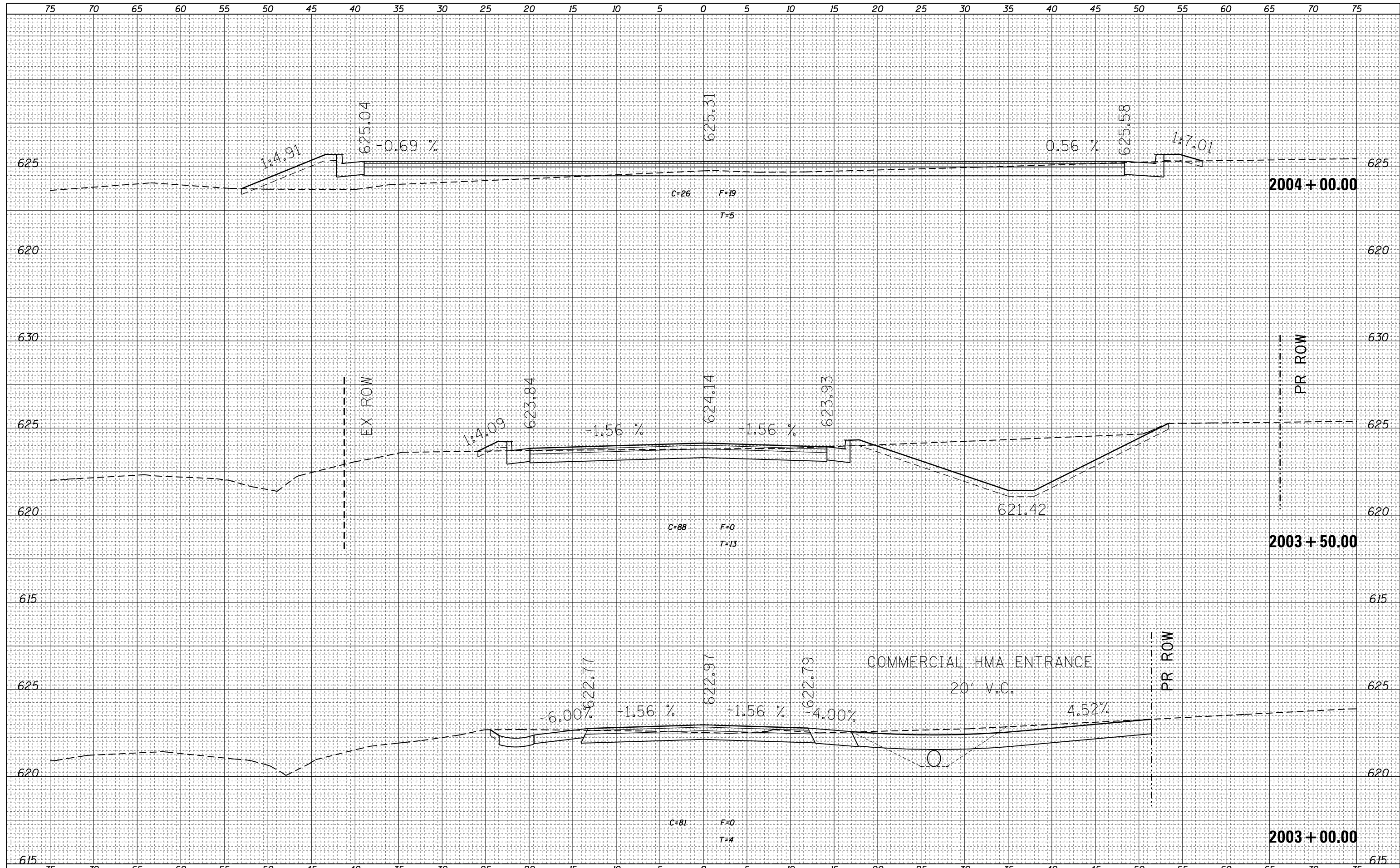
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FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - TR 53			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 74052									
PLOT DATE = 6/6/2014	DATE -	REVISED -	SCALE: 5		SHEET 16 OF 20 SHEETS	STA. 2000+50.00 TO STA. 2001+78.00	ILLINOIS FED. AID PROJECT					

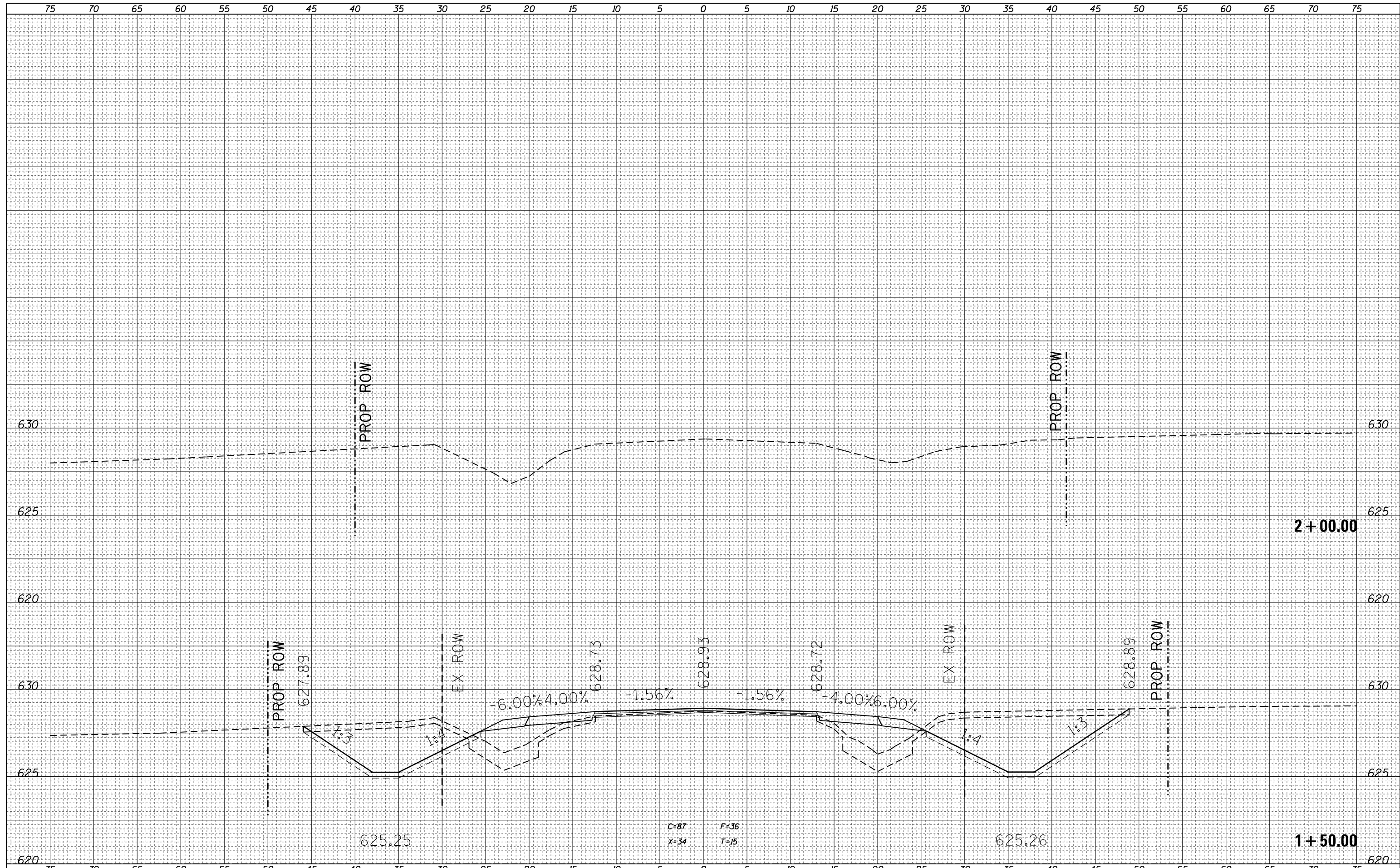
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FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 33			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 74052									
PLOT DATE = 6/6/2014	DATE -	REVISED -	SCALE: 5		SHEET 20 OF 20 SHEETS	STA. 1+50.00 TO STA. 2+00.00	ILLINOIS FED. AID PROJECT					