

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 712 (IL 105)
SECTION 128RS-4,(48K)RS-2
PROJECT ACNHPP-0712 (020)
HMA RESURFACING
MACON COUNTY

C-97-117-10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,(48K)RS-2	Macon	73	1
ILLINOIS			CONTRACT NO. 74475	

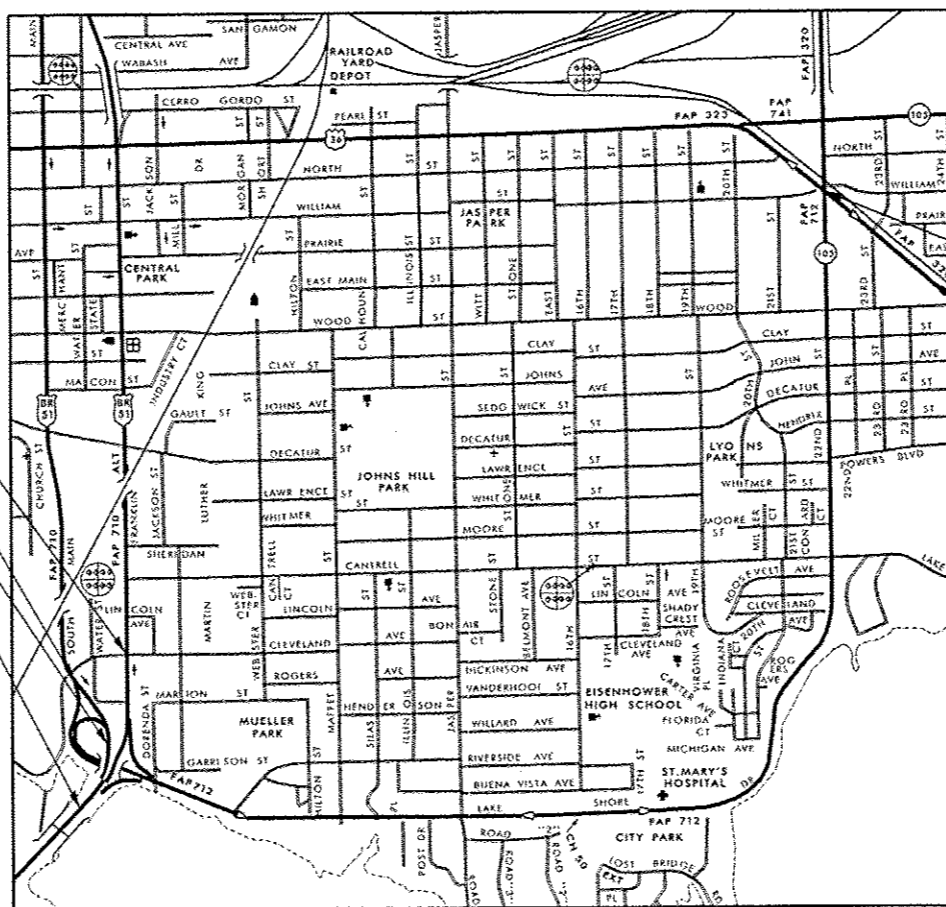
FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT (2013) = 11,400

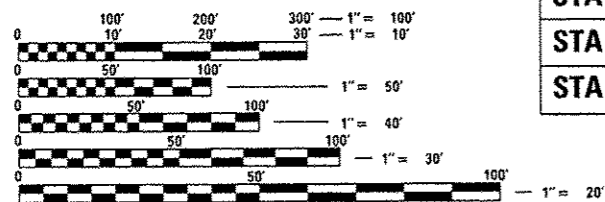
STATION EQUATIONS
STA 35+84.93 BK = STA 119+68.90 AH
STA 181+89.16 BK = STA 182+33.60 AH
STA 200+02.49 BK = STA 98+39.87 AH



LOCATION OF SECTION INDICATED THUS: - [shaded area] -



PROJECT BEGINS:
STA 66E+64
STA 38B+92
STA 9A+40
STA 63F+00



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 BIEMAN

GROSS LENGTH = 20,343 FT. = 3.85 MILE
NET LENGTH = 20,343 FT. = 3.85 MILE

CONTRACT NO. 74475

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *April 04 20 14*
Roger L. Orshel
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 9 20 14
John D. Baranzelli
ENGINEER OF DESIGN AND ENVIRONMENT

May 9 20 14
Omer Osman
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

SHORT TERM PAVEMENT MARKING ON THE MILLED SURFACE SHALL BE PAINT. ALL OTHER SHORT TERM PAVEMENT MARKINGS SHALL BE TAPE.

THERMOPLASTIC PAVEMENT MARKING SHALL BE APPLIED AS FOLLOWS:

	WHITE	YELLOW	TOTAL
THERMOPLASTIC PAVEMENT MARKING - LINE 4"	29,092 FT	31,269 FT	60,361 FT
THERMOPLASTIC PAVEMENT MARKING - LINE 6"	1,542 FT	0 FT	1,542 FT
THERMOPLASTIC PAVEMENT MARKING - LINE 8"	358 FT	51 FT	409 FT
THERMOPLASTIC PAVEMENT MARKING - LINE 12"	2,556 FT	261 FT	2,817 FT
THERMOPLASTIC PAVEMENT MARKING - LINE 24"	725 FT	0 FT	725 FT
THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS	1,024 SOFT	0 SOFT	1,024 SOFT

RAISED REFLECTIVE PAVEMENT MARKERS SHALL CONSIST OF 68 ONE-WAY AMBER MARKERS, 286 TWO-WAY AMBER MARKERS AND 337 ONE-WAY CRYSTAL MARKERS.

SPECIAL CARE SHALL BE TAKEN DURING PLACEMENT OF SURFACE COURSE IN THE VICINITY OF SIDEWALK RAMPS IN ORDER TO PREVENT THE ELEVATION DIFFERENTIALS BETWEEN THE GUTTER FLAG AND EDGE OF PAVEMENT THAT NOW EXIST.

MANHOLES, VALVE VAULTS AND OTHER APPURTENANCES EXPOSED BY THE HOT-MIX ASPHALT SURFACE REMOVAL SHALL BE TEMPORARILY RAMPED WITH HMA PRIOR TO OPENING TRAFFIC AS DIRECTED BY THE ENGINEER. THE INSTALLATION AND SUBSEQUENT REMOVAL OF TEMPORARY RAMPS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4".

THE ELEVATION OF EXISTING MANHOLES IN THE PAVEMENT SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER. AN EXISTIMATED QUANTITY OF 22 MANHOLES HAS BEEN INCLUDED IN THE PLANS FOR THIS PURPOSE.

THE ELEVATION OF EXISTING WATER VALVES IN THE PAVEMENT SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER. AN EXISTIMATED QUANTITY OF 22 VALVE VAULTS HAS BEEN INCLUDED IN THE PLANS FOR THIS PURPOSE.

REMOVAL OF 86 SQ YD OF EXISTING CORRUGATED MEDIAN FROM STA 151+97 TO STA 153+43 SHALL BE PAID FOR AS PCC SURFACE REMOVAL (COLD MILLING) VARIABLE DEPTH. SEE DISTRICT 7 DETAIL NO. 60624610 FOR DETAIL OF PROPOSED CORRUGATED MEDIAN (DOWELLED).

THE HMA SURFACE REMOVAL AND RESURFACING SHALL BE DONE IN A MANNER THAT DOES NOT RESULT IN A GREATER ELEVATION DIFFERENTIAL BETWEEN OPEN LANES THAN ALLOWED BY ARTICLE 701.07 OF THE STANDARD SPECIFICATIONS.

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.

IN ORDER TO FACILITATE THE ADDITION OF A NEW CROSSWALK AT THE SOUTH LEG OF IL 105 AND LOST BRIDGE ROAD, THE CONTRACTOR SHALL REMOVE THE FIRST 23' OF EXISTING CONCRETE MEDIAN. THIS REMOVAL SHALL BE PAID FOR AS 121 SQ FT OF MEDIAN REMOVAL. THE FIRST 17' OF REMOVAL SHALL BE REPLACED WITH 10 SQ YD OF PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10" WITH THE FINISHED SURFACE BEING MADE FLUSH WITH THE ADJACENT EXISTING HMA SURFACE COURSE. THE REMAINING 6' OF MEDIAN REMOVAL SHALL BE REPLACED WITH A NEW BEVELED CONCRETE MEDIAN NOSE AS OUTLINED IN HIGHWAY STANDARD 606301. THIS WORK SHALL ALSO BE PAID FOR AS 3 SQ YD OF PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10".

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

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

VIBRATORY ROLLERS IN DYNAMIC MODE WILL NOT BE PERMITTED.

ALL DISTURBED AREAS WITHIN THE CONSTRUCTION LIMITS SHALL BE FERTILIZED, SEEDED AND MULCHED. SEEDING SHALL BE CLASS 2 IN ACCORDANCE WITH THE APPLICABLE ARTICLES OF SECTION 250 AND 251 OF THE STANDARD SPECIFICATIONS. COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICES FOR THE SIDEWALK ITEMS.

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

THE 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.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

APPLICATION	AC/PG	DESIGN AIR VCIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE
SURFACE COURSE	SBS PG 70-22	4.0% @ N=90	IL - 9.5	MIXTURE D
INCIDENTAL SURFACE	PG 64-22	4.0% @ N=90	IL - 9.5	MIXTURE D
LEVEL BINDER	PG 64-22	4.0% @ N=90	IL - 9.5	N/A
PAVEMENT PATCHING	PG 64-22	4.0% @ N=70	IL - 19.0	N/A

INDEX OF SHEETS

SHEET NO	TITLE
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS, LIST OF STANDARDS
3-10	SUMMARY OF QUANTITIES
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37-38	RAMP DETOUR SHEETS
39-48	ADA RAMP DETAILS
49-52	TYPICAL PAVEMENT MARKING DETAILS
53-70	TRAFFIC SIGNAL SHEETS
71	DETECTOR LOOP TYPICAL DETAIL
72	PERMANENT SURVEY MARKER VAULT DETAIL
73	CORRUGATED MEDIAN (DOWELLED) DETAIL

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
001006	DECIMAL OF AN INCH AND OF A FOOT
420701-02	PAVEMENT FABRIC
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALK
424006-01	DIAGONAL CURB RAMPS FOR SIDEWALK
424011-01	CORNER PARALLEL CURB RAMPS FOR SIDEWALK
424016-01	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-02	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIANS
667101-02	PERMANENT SURVEY MARKERS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM EDGE OF PAVEMENT
701101-04	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701501-06	URBAN LANE CLOSURE, 2L 2W, UNDIVIDED
701502-06	URBAN LANE CLOSURE, 2L 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701602-07	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	LANE CLOSURE, MULTILANE, 1W OR 2W, CROSSWALK OR SIDEWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720016-03	MAST ARM MOUNTED STREET NAME SIGNS
780001-04	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-03	PEDESTRIAN PUSH BUTTON POST
877001-05	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-09	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

FILE NAME =	USER NAME = staffemm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & INDEX OF SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pilot\staffemm\0107187\07	4475-ahtr-gennote.dgn	DRAWN -	REVISED -			712	128RS-4,(48)RS-2	Macon	73	2	
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -				CONTRACT NO. 74475					
Default	PLOT DATE = 4/4/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

URBAN

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	0005	0005	0005	0005	0021	0021	0021	0021
SUMMARY OF QUANTITIES				80% FEDERAL 20% STATE	100% CITY	50% STATE 50% CITY	80% FEDERAL 20% CITY	80% FEDERAL 20% CITY	100% CITY	80% FEDERAL 10% STATE 10% CITY	80% FED 20% STATE
CODE NO	ITEM	UNIT		M001L, 01	07P0L, 01	07C0L, 01	M001L, 02	M001L, 01	07P0L, 01	M001L, 02	M001L, 03
35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SO YD	13			13					
40600300	AGGREGATE (PRIME COAT)	TON	329	329							
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	3451	3451							
40600895	CONSTRUCTING TEST STRIP	EACH	2	2							
40600990	TEMPORARY RAMP	SO YD	231	231							
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	6922	6922							
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	503		315	188					
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	2671			2671					
42400800	DETECTABLE WARNINGS	SO FT	220					220			
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	86399	82408	2502		1489				
44000300	CURB REMOVAL	FOOT	122					122			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	364					364			
44000600	SIDEWALK REMOVAL	SO FT	2776					2776			

URBAN

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	0005	0005	0005	0005	0021	0021	0021
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE	100% CITY	50% STATE 50% CITY	80% FEDERAL 20% CITY	80% FEDERAL 20% CITY	100% CITY	80% FEDERAL 10% STATE 10% CITY
44003100	MEDIAN REMOVAL	SQ FT	121				121			
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	408	408						
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	73	73						
44213100	PAVEMENT FABRIC	SQ YD	86	86						
60255500	MANHOLES TO BE ADJUSTED	EACH	22	22						
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	22	22						
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 12	FOOT	95					95		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 24	FOOT	269					269		
60624610	CORRUGATED MEDIAN (DOWELLED)	SQ FT	774	774						
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	6	6						
67100100	MOBILIZATION	L SUM	1	1						
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1						

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URBAN

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	0005	0005	0005	0005	0021	0021	0021
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE	100% CITY	50% STATE 50% CITY	80% FEDERAL 20% CITY	80% FEDERAL 20% CITY	100% CITY	80% FEDERAL 10% STATE 10% CITY
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1						
	701502									
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1						
	701606									
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1						
	701602									
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1						
	701701									
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1						
	701801									
70300100	SHORT TERM PAVEMENT MARKING	FOOT	26761	26761						
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2973	2973						
* 72000200	SIGN PANEL - TYPE 2	SQ FT	70							70
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1024	1024						
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	60361	60361						
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1542	1542						

* SPECIALTY ITEM

FILE NAME :	USER NAME :	DESIGNED :	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
os:\p-work\pido\state\staff\ank\08187107\07	4475-shk-aag.dgn	DRAWN :	REVISED :			T12	12BR5-4,148KRS-2	Mocon	73	5	
Default	PLOT SCALE = 1/8" = 1' / in.	CHECKED :	REVISED :			SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 74475		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 4/4/2014	DATE :	REVISED :								

URBAN

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	0005	0005	0005	0005	0021	0021	0021
SUMMARY OF QUANTITIES				80% FEDERAL 20% STATE	100% CITY	50% STATE 50% CITY	80% FEDERAL 20% CITY	80% FEDERAL 20% CITY	100% CITY	80% FEDERAL 10% STATE 10% CITY
CODE NO	ITEM	UNIT								
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	409	409						
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2817	2817						
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	725	725						
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	691	691						
* 80500100	SERVICE INSTALLATION, TYPE A	EACH	2							2
* 81028310	UNDERGROUND CONDUIT, PVC, 3/4" DIA.	FOOT	165							165
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	692							692
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	210							210
* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	355							355
* 81400100	HANDHOLE	EACH	5							5
* 81400300	DOUBLE HANDHOLE	EACH	1							1
* 81500100	GULFBOX JUNCTION	EACH	4							4
* 85100500	PAINT NEW TRAFFIC SIGNAL POST	EACH	2						2	
* 85100701	PAINT NEW MAST ARM AND POLE, 40 FOOT AND OVER	EACH	1						1	

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* SPECIALTY ITEM

FILE NAME =	USER NAME = staffanck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\evadot\staffanck\08187187\0774475-shr-sq.dgn	DRAWN -	REVISED -	712			128RS-4,148K-RS-2	Macon	73	6	
PLOT SCALE = 1/8" = 1' in.	CHECKED -	REVISED -	CONTRACT NO. 74475							
Default	PLOT DATE = 4/2/2014	DATE -	REVISED -			SCALE:	SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT		

URBAN

ILLINOIS DEPARTMENT OF TRANSPORTATION				TOTAL QUANTITIES	0005	0005	0005	0005	0021	0021	0021	0021
SUMMARY OF QUANTITIES					80% FEDERAL 20% STATE	100% CITY	50% STATE 50% CITY	80% FEDERAL 20% CITY	80% FEDERAL 20% CITY	100% CITY	80% FEDERAL 10% STATE 10% CITY	80% Fed 20% STATE
CODE NO	ITEM	UNIT										
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2								2	
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1263								1263	
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4156								4116	40
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2364								2364	
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	6319								6319	
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	55								55	
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1692								1692	
* 87502310	TRAFFIC SIGNAL POST, PAINTED STEEL 16 FT.	EACH	1								1	
* 87502660	TRAFFIC SIGNAL POST, ALUMINUM 12 FT.	EACH	2								2	
* 87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	2								2	
* 87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	3								3	
* 87502720	TRAFFIC SIGNAL POST, ALUMINUM 18 FT.	EACH	3								3	
* 87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	8								8	

* SPECIALTY ITEM

FILE NAME =	USER NAME = gstaffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pvc_work\p\dot\staffennk\08107107\074475-ah1-seq.dgn	74475-ah1-seq.dgn	DRAWN -	REVISED -						712	128RS-4,148R,RS-2	Macon	73	7
Default	PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 4/4/2014	DATE -	REVISED -									CONTRACT NO. 74475	

URBAN

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	0005	0005	0005	0005	0021	0021	0021	0021
SUMMARY OF QUANTITIES				80% FEDERAL 20% STATE	100% CITY	50% STATE 50% CITY	80% FEDERAL 20% CITY	80% FEDERAL 20% CITY	100% CITY	80% FEDERAL 10% STATE 10% CITY	80% FED 20% STATE
CODE NO	ITEM	UNIT									
* 87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	2							2	
* 87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	2							2	
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	15							15	
* 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3.5							3.5	
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	56							56	
* 87900200	DRILL EXISTING HANDHOLE	EACH	6							6	
* 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2							2	
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	9							7	2
* 88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2							2	
* 88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1							1	
* 88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4							4	

* SPECIALTY ITEM

URBAN

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	0005	0005	0005	0005	0021	0021	0021	0021
SUMMARY OF QUANTITIES				80% FEDERAL 20% STATE	100% CITY	50% STATE 50% CITY	80% FEDERAL 20% CITY	80% FEDERAL 20% CITY	100% CITY	80% FEDERAL 10% STATE 10% CITY	80% FED 20% STATE
CODE NO	ITEM	UNIT									
* 88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1							1	
* 88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	6							6	
* 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	22							22	
* 88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2							2	
* 88200400	TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	52							44	8
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	32							32	
* 88600100	DETECTOR LOOP, TYPE I	FOOT	6236							5507	729
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	26							26	
* 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	2							1	1
* 89502220	MODIFY EXISTING CONCRETE FOUNDATION	EACH	1							1	
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	5306							5306	
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4							4	

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* SPECIALTY ITEM

FILE NAME: c:\pwork\pwork\steffennk\0187187\074475-shs-soq.dgn	USER NAME: steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE: 1/8" = 1'-0"	PLOT DATE: 4/4/2014	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	712	128RS-4,48K/RS-2	Macon	73 9
CHECKED -	DATE -	REVISIONS	REVISIONS		CONTRACT NO. 74475									
ILLINOIS FED. AID PROJECT														

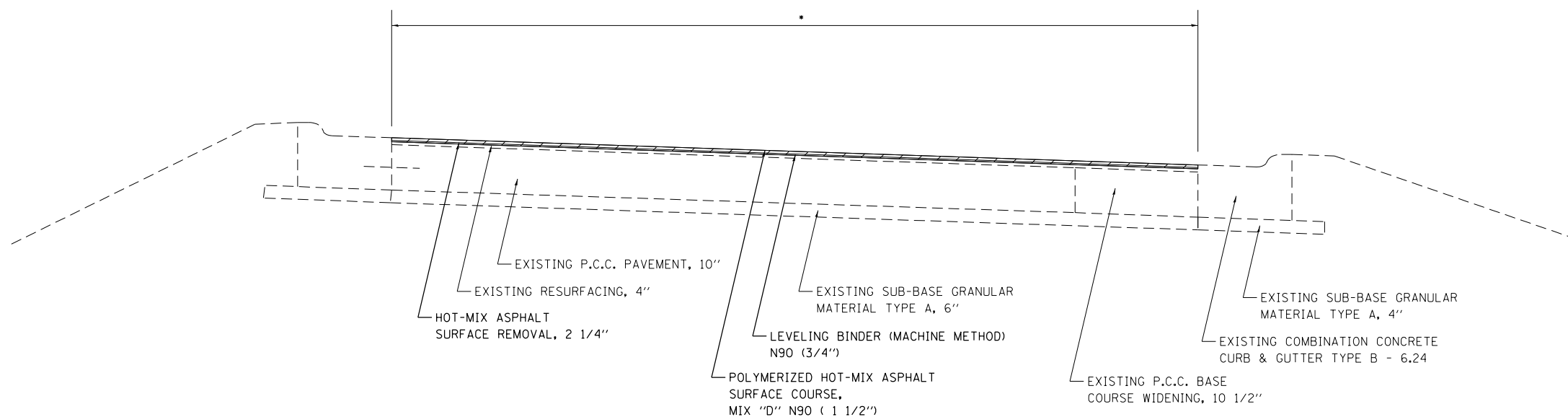
805 11 11

URBAN

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	0005	0005	0005	0005	0021	0021	0021
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE	100% CITY	50% STATE 50% CITY	80% FEDERAL 20% CITY	80% FEDERAL 20% CITY	100% CITY	80% FEDERAL 10% STATE 10% CITY
* 89502380	REMOVE EXISTING HANDHOLE	EACH	4							4
* 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1							1
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8							8
* X0325265	REMOVE ELECTRIC SERVICE	EACH	2							2
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	55347	55347						
X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	898	690	138		70			
X440A300	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (COLD MILLING) VARIABLE DEPTH	SQ YD	86	86						
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1						
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28	28						
* X8140115	HANDHOLE TO BE ADJUSTED	EACH	4					4		
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	34	34						
Z0070202	SURVEY MARKER VAULT	EACH	33	33						

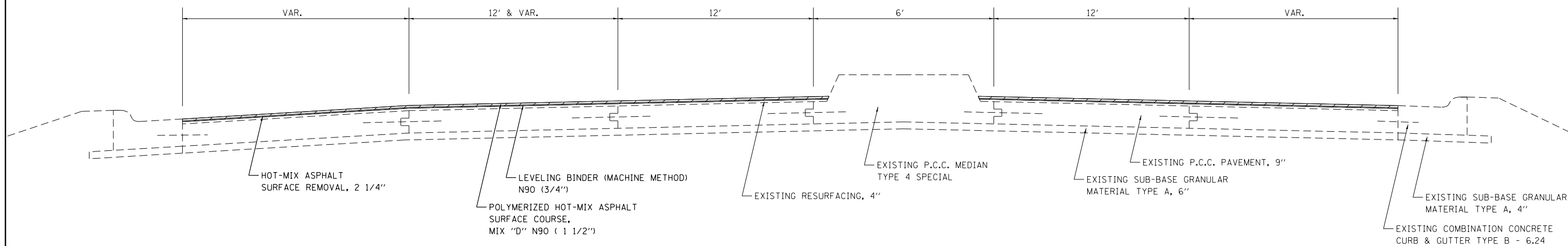
* SPECIALTY ITEM

FILE NAME *	USER NAME * wstf fannk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
er\p\work\p\widat\stef fannk\08187107\07	74475-shr-soq.dgn	DRAWN -	REVISED -			712	128RS-4,148KRS-2	Macon	73	10	
Default	PLOT SCALE * 1/8" = 1'-0"	CHECKED -	REVISED -			CONTRACT NO. 74475		ILLINOIS FED. AID PROJECT			
	PLOT DATE * 4/4/2014	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.



PROPOSED TYPICAL CROSS SECTION

- RAMPS A, B, E, F
- RAMP A = 17'-22'
- RAMP B = 16'-21'
- RAMP E = 11'-16'
- RAMP F = 14'-17'



PROPOSED TYPICAL CROSS SECTION

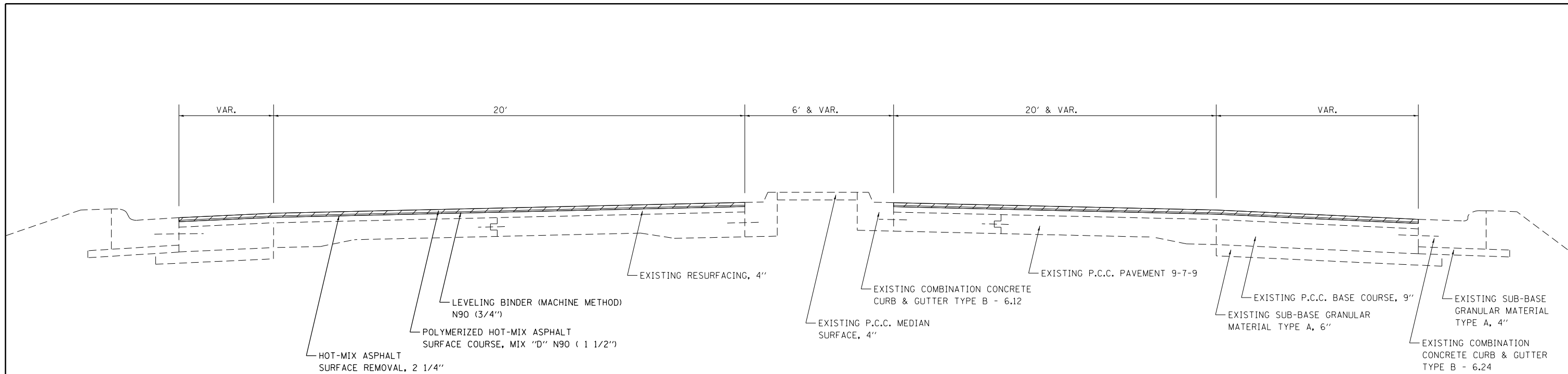
STA 16+58 TO STA 28+39

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

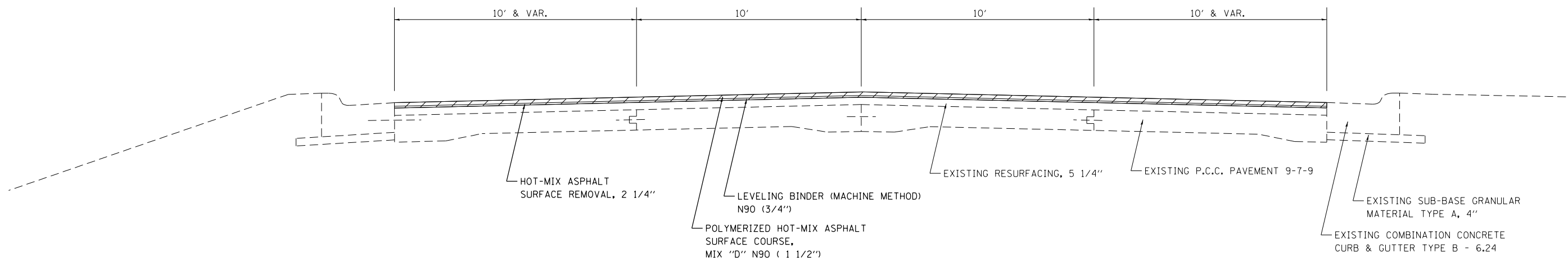
TYPICALS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	11
CONTRACT NO.			74475	
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL CROSS SECTION

STA 28+39 TO STA 122+69



PROPOSED TYPICAL CROSS SECTION

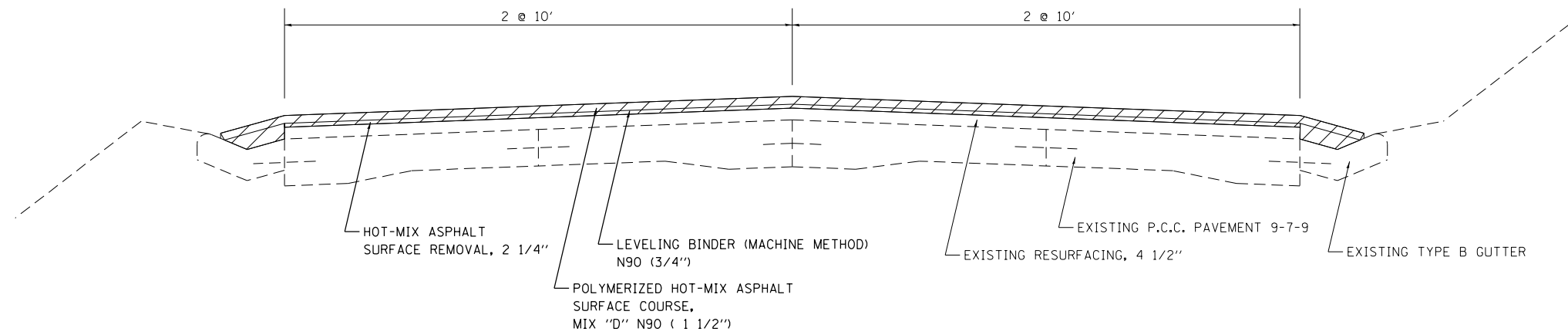
STA 122+69 TO STA 129+71

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	PLOT DATE = 4/4/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

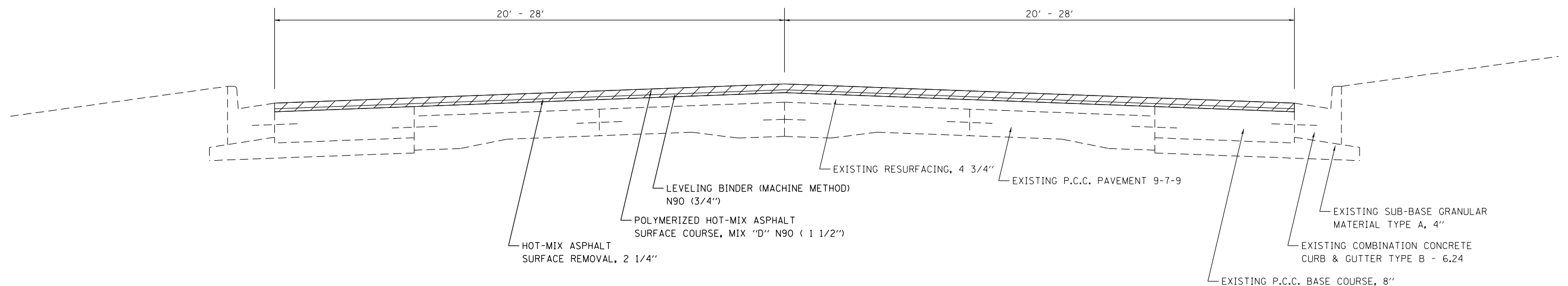
TYPICALS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	12
CONTRACT NO.			74475	
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL CROSS SECTION

STA 129+71 TO STA 140+63
 STA 164+30 TO STA 170+92
 STA 183+24 TO STA 199+25



PROPOSED TYPICAL CROSS SECTION

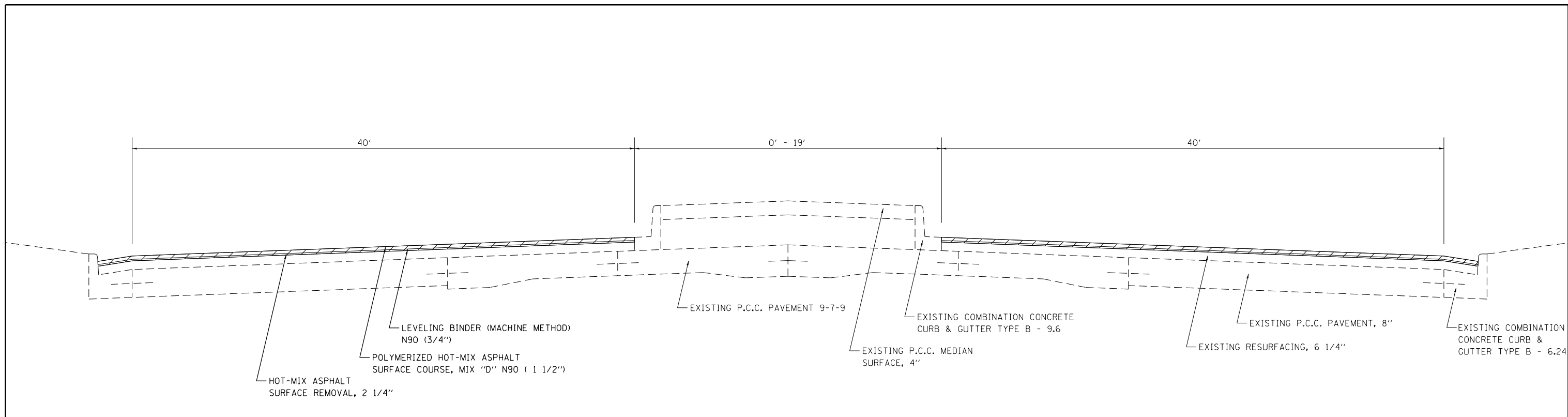
STA 140+63 TO STA 151+97

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

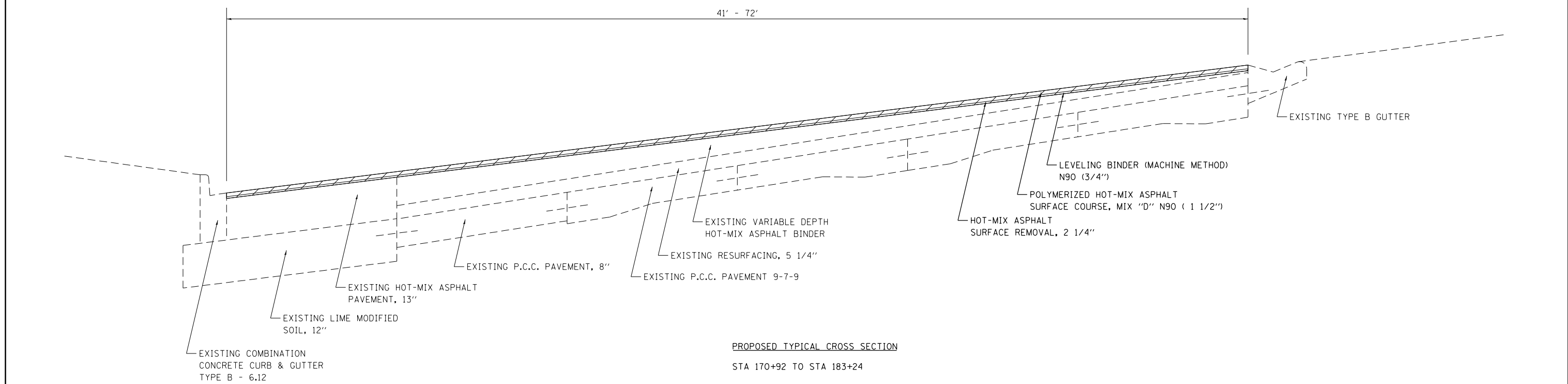
TYPICALS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KIRS-2	Macon	73	13
CONTRACT NO.			74475	
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL CROSS SECTION

STA 151+97 TO STA 164+30



PROPOSED TYPICAL CROSS SECTION

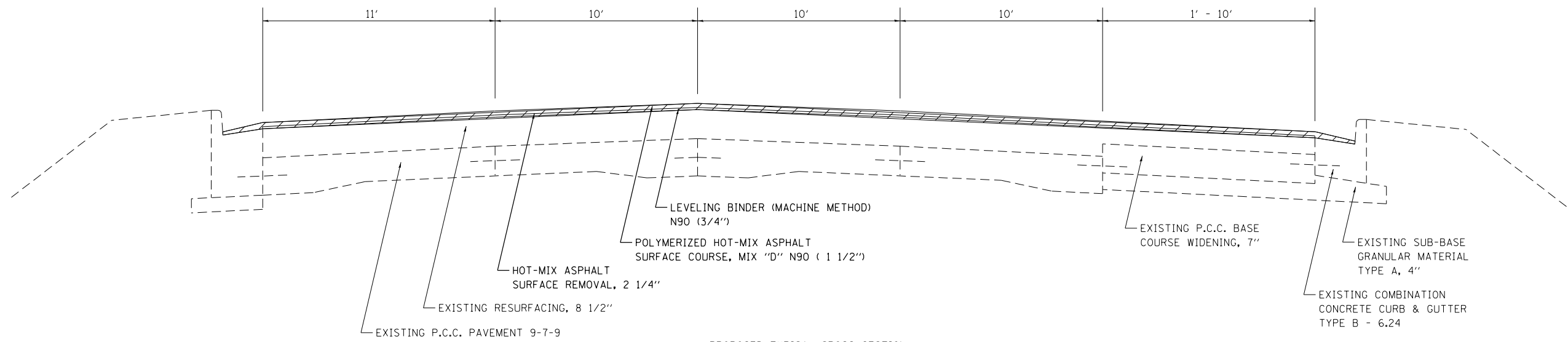
STA 170+92 TO STA 183+24

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	PLOT DATE = 4/4/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

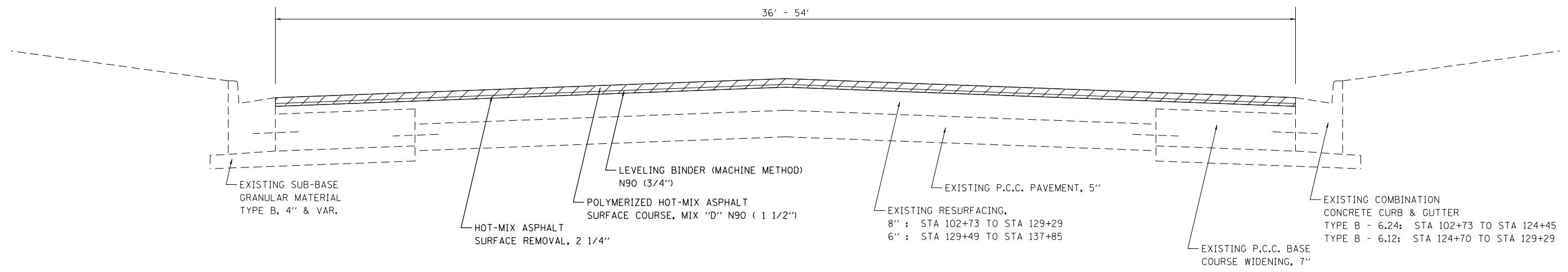
TYPICALS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148K/RS-2	Macon	73	14
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	



PROPOSED TYPICAL CROSS SECTION

STA 199+25 TO STA 102+73



PROPOSED TYPICAL CROSS SECTION

STA 102+73 TO STA 137+85

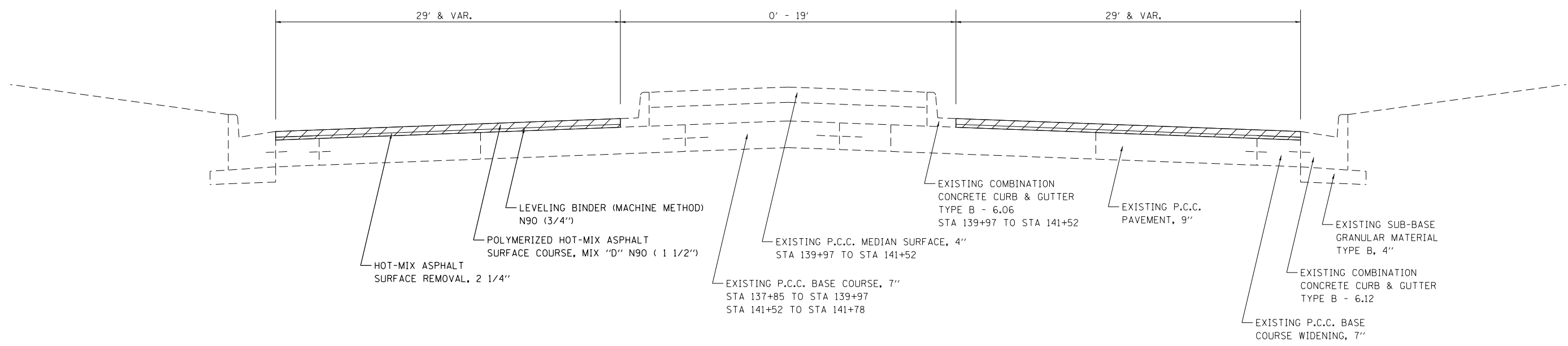
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.
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TYPICALS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148K/RS-2	Macon	73	15
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	



PROPOSED TYPICAL CROSS SECTION
 STA 137+85 TO STA 141+78

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICALS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	16
CONTRACT NO.			74475	
ILLINOIS FED. AID PROJECT				

PAVEMENT SCHEDULE

STATION TO STATION			LENGTH	AVERAGE WIDTH	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	TEMPORARY RAMP	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	POLYMERIZED HMA SURFACE COURSE, MIX "D", N90	LEVELING BINDER (MACHINE METHOD) N90	ADDITIONAL COMMENTS
			FT	FT	LB	TON	SQ YD	SQ YD	TON	TON	
RAMP A											
9A+40	TO	16A+58	718	22	1185	7.0	18	1755	147	74	
16+58	TO	20+60	402	22	663	3.9	-	983	83	41	
20+60	TO	22+45	185	19.5	271	1.6	-	401	34	17	
22+45	TO	31+37	892	17	1137	6.7	-	1685	142	71	
RAMP B											
38B+92	TO	43B+74	482	18	651	3.9	15	964	81	40	
43B+74	TO	45B+00	126	19.5	184	1.1	-	273	23	11	
45B+00	TO	45B+71	71	21	112	0.7	-	166	14	7	
16+58	TO	21+00	442	21	696	4.1	-	1031	87	43	
21+00	TO	31+37	1037	16.5	1283	7.6	-	1901	160	80	
RAMP E											
66E+64	TO	64E+77	187	11	154	0.9	9	229	19	10	
64E+77	TO	63E+17	160	13.5	162	1.0	-	240	20	10	
63E+17	TO	61E+10	207	15	233	1.4	-	345	29	14	
61E+10	TO	58E+60	250	15	281	1.7	-	417	35	18	
58E+60	TO	48E+01	1059	16	1308	7.8	-	1938	163	81	INCLUDES 500 SQ FT GORE AREA
RAMP F											
63F+00	TO	66F+31	331	15	372	2.2	13	552	46	23	
66F+31	TO	72F+52	621	17	792	4.7	-	1173	99	49	
72F+52	TO	76F+50	398	14.5	473	2.8	-	700	59	29	INCLUDES 530 SQ FT GORE AREA
MAINLINE											
31+37	TO	35+85	448	67	1975	11.7	-	2927	246	123	EXCLUDES 3677 SQ FT OF RAISED MEDIAN
119+69	TO	124+31	462	54	1591	9.4	-	2357	198	99	EXCLUDES 3735 SQ FT OF RAISED MEDIAN STA 35+84.93 BK = STA 119+68.90 AH
124+31	TO	140+63	1632	41	5018	29.7	-	7435	625	312	
140+63	TO	144+96	433	48.5	1575	9.3	-	2333	196	98	
144+96	TO	148+77	381	48.5	1386	8.2	-	2053	172	86	
148+77	TO	150+74	197	43	635	3.8	-	941	79	40	
150+74	TO	154+67	393	56.5	1426	8.5	-	2113	177	89	EXCLUDES 3188 SQ FT OF RAISED MEDIAN
154+67	TO	161+58	691	70	3186	18.9	-	4720	396	198	EXCLUDES 5890 SQ FT OF RAISED MEDIAN
161+58	TO	164+59	301	48	877	5.2	-	1300	109	55	EXCLUDES 2751 SQ FT OF RAISED MEDIAN
164+59	TO	169+94	535	44	1766	10.5	-	2616	220	110	
169+94	TO	178+97	903	52.5	3556	21.1	-	5268	442	221	
178+97	TO	180+46	149	66.5	743	4.4	-	1101	92	46	
180+46	TO	183+24	234	57.5	1007	6.0	-	1492	125	63	STA 181+89.16 BK = STA 182+33.60 AH
183+24	TO	198+97	1573	43	5073	30.1	-	7515	631	316	
198+97	TO	101+20	386	48.5	1296	8	-	2078	175	80	STA 200+02.49 BK = STA 98+39.87 AH
101+20	TO	103+77	257	54	870	6	-	1542	130	62	
103+77	TO	107+81	404	45	1364	8.1	-	2020	170	85	
107+81	TO	122+76	1495	36	4037	23.9	-	5980	502	251	
122+76	TO	126+69	393	45	1326	7.9	-	1965	165	83	
126+69	TO	136+84	1015	54	4111	24.4	-	6090	512	256	
136+84	TO	139+97	313	62	1455	8.6	-	2156	181	91	
139+97	TO	141+78	181	VAR.	1117	6.6	176	1654	139	69	CONSISTS OF 1975 SQ FT OF RAISED MEDIAN & 14890 SQ FT OF RESURFACING
TOTALS:			55347	329	231	82408	6922	3451			

SIDEROAD/ENTRANCE SCHEDULE

STATION	SIDE	TYPE	AREA	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	INCIDENTAL HOT-MIX ASPHALT SURFACING	TEMPORARY RAMP, SPECIAL
			SQ FT	SQ YD	TON	SQ YD
RAMP B						
39B+50	RT	CLEVELAND	-	-	-	22
RAMP E						
66E+46	RT	CLEVELAND	-	-	-	15
64E+23	RT	PE	-	-	-	3
63E+84	RT	PE	-	-	-	3
62E+56	RT	CE	-	-	-	7
MAINLINE						
34+37	LT	MLK	-	-	-	43
120+35	LT	CE	-	-	-	9
130+52	RT	PE	-	-	-	19
132+26	LT	MAFFIT	1735	193	24	6
133+35	LT	PE	-	-	-	3
134+41	LT	PE	-	-	-	3
136+06	LT	SILAS	1596	177	22	8
136+39	LT	PE	-	-	-	2
136+98	LT	PE	-	-	-	3
138+68	RT	PARKWOOD	-	-	-	12
140+28	LT	PE	-	-	-	6
141+25	LT	PE	-	-	-	7
141+57	RT	ROAD 4	-	-	-	15
141+90	LT	PE	-	-	-	6
142+61	LT	PE	-	-	-	7
143+25	LT	PE	-	-	-	6
143+87	LT	PE	-	-	-	6
145+01	LT	JASPER	3554	395	50	10
145+02	RT	SOUTHMORE	-	-	-	20
146+81	LT	PE	-	-	-	5
147+07	LT	PE	-	-	-	6
147+62	LT	PE	-	-	-	6
147+84	LT	PE	-	-	-	5
148+38	LT	PE	-	-	-	9
148+91	LT	PE	-	-	-	9
149+42	LT	PE	-	-	-	9
149+88	LT	PE	-	-	-	2
150+43	LT	PE	-	-	-	6
150+83	LT	PE	-	-	-	6
151+10	RT	PE	-	-	-	6
151+90	LT	PE	-	-	-	7
152+38	LT	PE	-	-	-	6
153+59	LT	PE	-	-	-	10
154+42	LT	PE	-	-	-	8
155+18	LT	PE	-	-	-	7
155+54	LT	PE	-	-	-	6
156+28	LT	PE	-	-	-	8
158+06	RT	LOST BRIDGE	-	-	-	54
158+06	LT	LOST BRIDGE	1531	170	21	9
179+84	LT	EAST RIVERSIDE	3186	354	45	11
191+31	LT	PE	-	-	-	4
191+67	LT	PE	-	-	-	4
192+71	LT	PE	-	-	-	6
100+73	LT	ROOSEVELT	964	107	13	7
102+72	LT	CANTRELL	2328	259	33	10
102+73	RT	LAKESHORE	2129	237	30	9
104+75	LT	PE	-	-	-	6
105+31	LT	PE	-	-	-	5
106+28	LT	MOORE	829	92	12	7
107+04	LT	PE	-	-	-	4
108+31	LT	PE	-	-	-	7
108+83	LT	PE	-	-	-	5
109+69	LT	PE	-	-	-	5
110+97	LT	PE	-	-	-	3

SIDEROAD/ENTRANCE SCHEDULE - CONTINUED

STATION	SIDE	TYPE	AREA	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	INCIDENTAL HOT-MIX ASPHALT SURFACING	TEMPORARY RAMP, SPECIAL
			SQ FT	SQ YD	TON	SQ YD
111+52	LT	PE	-	-	-	4
111+92	LT	PE	-	-	-	4
112+91	LT	LAWRENCE	749	83	10	8
113+32	RT	POWERS	921	102	13	7
113+63	LT	PE	-	-	-	3
114+02	LT	PE	-	-	-	5
114+60	RT	PE	-	-	-	6
114+81	LT	PE	-	-	-	4
115+07	RT	PE	-	-	-	5
115+32	LT	PE	-	-	-	4
115+82	LT	PE	-	-	-	5
116+00	RT	PE	-	-	-	4
116+41	LT	PE	-	-	-	8
117+24	LT	HENDRIX	717	80	10	8
117+24	RT	HENDRIX	805	89	11	7
118+03	RT	PE	-	-	-	8
118+16	LT	PE	-	-	-	4
118+58	RT	PE	-	-	-	7
119+45	RT	PE	-	-	-	6
120+25	LT	DECATUR	702	78	10	7
120+25	RT	DECATUR	773	86	11	8
121+06	RT	PE	-	-	-	6
121+16	LT	PE	-	-	-	6
121+65	LT	PE	-	-	-	5
121+90	RT	PE	-	-	-	7
122+03	LT	PE	-	-	-	5
122+49	RT	PE	-	-	-	9
123+26	LT	EAST JOHNS	795	88	11	8
123+26	RT	EAST JOHNS	930	103	13	7
124+16	LT	PE	-	-	-	8
125+18	LT	PE	-	-	-	3
125+60	RT	PE	-	-	-	4
126+24	LT	EAST CLAY	844	94	12	7
126+24	RT	EAST CLAY	1024	114	14	7
127+01	RT	PE	-	-	-	4
127+37	RT	PE	-	-	-	4
127+51	LT	PE	-	-	-	14
128+22	RT	PE	-	-	-	6
128+55	LT	PE	-	-	-	8
129+27	LT	EAST WOOD	1195	133	17	9
129+27	RT	EAST WOOD	1301	145	18	9
131+04	LT	ALLEY	-	-	-	11
131+16	RT	ALLEY	-	-	-	5
131+95	RT	PE	-	-	-	10
132+23	LT	CE	-	-	-	3
133+30	LT	MAIN	1571	175	22	10
133+30	RT	MAIN	1968	219	28	9
134+53	LT	PE	-	-	-	3
135+12	LT	CE	-	-	-	6
135+37	LT	ALLEY	-	-	-	5
135+37	RT	ALLEY	-	-	-	3
136+69	LT	CE	-	-	-	4
137+47	LT	PRAIRIE	1969	219	28	10
137+47	RT	PRAIRIE	1805	201	25	10
139+56	LT	ALLEY	-	-	-	10
139+65	RT	CE	-	-	-	10
141+58	LT	EAST WILLIAM	-	-	-	8
142+26	LT	EAST WILLIAM	-	-	-	6
TOTALS:			3991	503	898	

NOTE: LIMIT IS TO THE RADIUS RETURN OF THE SIDEROAD OR AS DIRECTED BY THE ENGINEER.

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -
ci:\pw_work\puidot\stefenk\d018107\074475-shit-schedules.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 4/4/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEROAD/ENTRANCE SCHEDULE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		712	128RS-4,148K/RS-2	Macon	73	18
		ILLINOIS FED. AID PROJECT			CONTRACT NO. 74475	
SCALE:	SHEET OF SHEETS	STA.	TO STA.			

STRIPING SCHEDULE

STATION TO STATION			LENGTH	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SHORT TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER
			FT	FT	FT	FT	FT	FT	SQ FT	FT	SQ FT	EACH
RAMP A												
9A+40	TO	16A+58	718	1286	-	-	-	-	-	60	7	7
16+58	TO	20+60	402	804	-	-	-	-	-	-	-	-
20+60	TO	22+45	185	370	-	-	-	-	-	-	-	-
22+45	TO	31+37	892	1634	-	-	-	-	-	60	7	9
RAMP B												
38B+92	TO	43B+74	482	856	-	-	-	-	-	-	-	4
43B+74	TO	45B+00	126	252	-	-	-	-	-	-	-	-
45B+00	TO	45B+71	71	142	-	-	-	-	-	-	-	-
16+58	TO	21+00	442	884	-	-	-	-	-	-	-	-
21+00	TO	31+37	1037	1924	-	-	-	-	-	60	7	9
RAMP E												
66E+64	TO	64E+77	187	166	-	-	-	-	-	48	5	10
64E+77	TO	63E+17	160	200	-	-	-	-	-	48	5	-
63E+17	TO	61E+10	207	414	-	-	-	-	-	-	-	-
61E+10	TO	58E+60	250	500	-	-	-	-	-	-	-	-
58E+60	TO	48E+01	1059	1918	-	-	17	-	-	-	-	5
RAMP F												
63F+00	TO	66F+31	331	401	-	-	-	-	-	36	4	5
66F+31	TO	72F+52	621	1242	-	-	-	-	-	-	-	-
72F+52	TO	76F+50	398	574	-	-	19	-	-	-	-	5
MAINLINE												
31+37	TO	35+85	448	1818	98	144	0	62	31	1313	146	16
119+69	TO	124+31	462	2044	-	-	0	0	0	390	43	16
124+31	TO	140+63	1632	7060	-	-	0	0	0	1958	218	82
140+63	TO	144+96	433	2175	114	-	299	65	73	1816	202	32
144+96	TO	148+77	381	2114	56	-	358	39	16	1305	145	23
148+77	TO	150+74	197	888	-	-	0	0	0	236	26	10
150+74	TO	154+67	393	1772	-	-	0	0	0	310	34	16
154+67	TO	161+58	691	2684	257	-	0	124	62	2667	296	21
161+58	TO	164+59	301	1354	-	-	0	0	0	205	23	10
164+59	TO	169+94	535	2410	-	-	0	0	0	642	71	27
169+94	TO	178+97	903	5168	52	-	125	0	16	1431	159	63
178+97	TO	180+46	149	436	50	105	61	66	16	1280	142	5
180+46	TO	183+24	234	1308	120	-	15	37	31	1058	118	20
183+24	TO	198+97	1573	7082	-	-	0	0	0	1888	210	79
198+97	TO	101+20	386	1828	-	-	70	0	0	640	71	29
101+20	TO	103+77	257	408	158	-	0	66	47	1432	159	11
103+77	TO	107+81	404	769	42	-	0	78	78	343	38	16
107+81	TO	122+76	1495	2531	-	-	0	0	234	1013	113	55
122+76	TO	126+69	393	511	-	-	0	0	47	204	23	12
126+69	TO	136+84	1015	1476	320	-	686	104	250	2990	332	76
136+84	TO	139+97	313	596	112	-	918	110	62	2281	253	15
139+97	TO	141+78	181	362	163	160	249	52	62	1045	116	6
TOTALS:			60361	1542	409	2817	725	1024	26761	2973	691	

SURVEY MARKER SCHEDULE			PROTECTING OR RESETTling SURVEY MARKERS	SURVEY MARKER VAULT
LOCATION	OFFSET	DESCRIPTION	EACH	EACH
P. C. 16+57.80	0	MAG NAIL W/ WASHER	1	1
P. I. 17+40.39	0	MAG NAIL W/ WASHER	1	1
P. C. C. 18+16.44	0	MAG NAIL W/ WASHER	1	1
P. I. 19+41.19	0	MAG NAIL W/ WASHER	1	1
P. T. 20+59.72	0	MAG NAIL W/ WASHER	1	1
P. O. T. 22+36.30	3' RT	BRASS DISC ON RAISED PCC MEDIAN	1	1
P. O. T. 34+42.64	0	INT. OF IL 105 & MLK - BENT IP - BURIED 3"	1	1
35+84.93 BK = 119+68.90 AH	0	DRILL HOLE W/ CUT "X" ON TOP OF RAISED PCC MEDIAN	1	1
P. C. 123+97.40	0	MAG NAIL W/ WASHER OVER BENT IP - BURIED 3"	1	1
P. T. 130+13.38	0	MAG NAIL W/ WASHER	1	1
P. C. 133+12.74	0	MAG NAIL W/ WASHER	1	1
P. I. 134+20.75	0	MAG NAIL W/ WASHER	1	1
P. T. 135+27.94	0	MAG NAIL W/ WASHER	1	1
P. O. T. 145+01.12	0	IP - FLUSH @ INT. OF IL 105 & JASPER	1	1
P. C. 152+93.85	0	DRILL HOLE W/ CUT "X" IN RUBBLE STRIP MEDIAN	1	1
P. I. 155+93.85	0	MAG NAIL W/ WASHER	1	1
P. T. 158+93.80	0	MAG NAIL W/ WASHER	1	1
P. C. 171+59.06	0	MAG NAIL W/ WASHER	1	1
181+89.16 BK = 182+33.60 AH	0	MAG NAIL W/ WASHER	1	1
P. C. 185+34.70	0	MAG NAIL W/ WASHER	1	1
P. T. 189+91.70	0	MAG NAIL W/ WASHER	1	1
P. C. 192+86.52	0	MAG NAIL W/ WASHER	1	1
200+02.49 BK = 98+39.87 AH	0	MAG NAIL W/ WASHER	1	1
P. I. 98+83.51	0	MAG NAIL W/ WASHER	1	1
P. T. 99+27.15	0	MAG NAIL W/ WASHER	1	1
102+71.78	30.46' LT	CHIS. "X" ON BRASS PLATE IN ALUM. IDOT VAULT	1	-
P. O. T. 106+69.27	0	BRASS IDOT DISK W/ CENTER PUNCH & "X" FLUSH	1	1
P. I. 120+24.63	0	BRASS IDOT DISK W/ CENTER PUNCH & "X" FLUSH	1	1
P. I. 126+23.70	0	BRASS IDOT DISK W/ CENTER PUNCH & "X" FLUSH	1	1
P. C. 129+01.00	0	MAG NAIL W/ WASHER	1	1
P. I. 129+56.00	0	BRASS IDOT DISK W/ CENTER PUNCH & "X" FLUSH	1	1
P. T. 130+11.00	0	MAG NAIL - FLUSH	1	1
P. O. T. 138+27.17	0	BRASS IDOT DISK W/ CENTER PUNCH & "X" FLUSH	1	1
P. O. T. 142+26.81	0	MAG NAIL W/ WASHER @ INT. OF IL 105 & US 36	1	1
TOTALS:			34	33



RAMP B BEGINS
STA 38B+92

RAMP E BEGINS
STA 66E+64

STA 16A+58 BK = STA 16+58 AH
STA 45B+71 BK = STA 16+58 AH

RAMP A BEGINS
STA 9A+40

RAMP F BEGINS
STA 63F+00

STA 48E+01 BK = STA 31+37 AH
STA 76F+50 BK = STA 31+37 AH

EXIST. CURB SIDE
P.C. STA. 100+00
P.T. STA. 100+00
C.C. STA. 100+00
C.L. STA. 100+00
C.S. STA. 100+00
C.O. STA. 100+00
C.F. STA. 100+00
C.G. STA. 100+00
C.H. STA. 100+00
C.I. STA. 100+00
C.J. STA. 100+00
C.K. STA. 100+00
C.L. STA. 100+00
C.M. STA. 100+00
C.N. STA. 100+00
C.O. STA. 100+00
C.P. STA. 100+00
C.Q. STA. 100+00
C.R. STA. 100+00
C.S. STA. 100+00
C.T. STA. 100+00
C.U. STA. 100+00
C.V. STA. 100+00
C.W. STA. 100+00
C.X. STA. 100+00
C.Y. STA. 100+00
C.Z. STA. 100+00

EXIST. CURB SIDE
P.C. STA. 100+00
P.T. STA. 100+00
C.C. STA. 100+00
C.L. STA. 100+00
C.S. STA. 100+00
C.O. STA. 100+00
C.F. STA. 100+00
C.G. STA. 100+00
C.H. STA. 100+00
C.I. STA. 100+00
C.J. STA. 100+00
C.K. STA. 100+00
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C.M. STA. 100+00
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C.T. STA. 100+00
C.U. STA. 100+00
C.V. STA. 100+00
C.W. STA. 100+00
C.X. STA. 100+00
C.Y. STA. 100+00
C.Z. STA. 100+00

EXIST. CURB SIDE
P.C. STA. 100+00
P.T. STA. 100+00
C.C. STA. 100+00
C.L. STA. 100+00
C.S. STA. 100+00
C.O. STA. 100+00
C.F. STA. 100+00
C.G. STA. 100+00
C.H. STA. 100+00
C.I. STA. 100+00
C.J. STA. 100+00
C.K. STA. 100+00
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C.O. STA. 100+00
C.P. STA. 100+00
C.Q. STA. 100+00
C.R. STA. 100+00
C.S. STA. 100+00
C.T. STA. 100+00
C.U. STA. 100+00
C.V. STA. 100+00
C.W. STA. 100+00
C.X. STA. 100+00
C.Y. STA. 100+00
C.Z. STA. 100+00

EXIST. CURB SIDE
P.C. STA. 100+00
P.T. STA. 100+00
C.C. STA. 100+00
C.L. STA. 100+00
C.S. STA. 100+00
C.O. STA. 100+00
C.F. STA. 100+00
C.G. STA. 100+00
C.H. STA. 100+00
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C.R. STA. 100+00
C.S. STA. 100+00
C.T. STA. 100+00
C.U. STA. 100+00
C.V. STA. 100+00
C.W. STA. 100+00
C.X. STA. 100+00
C.Y. STA. 100+00
C.Z. STA. 100+00

EXIST. CURB SIDE
P.C. STA. 100+00
P.T. STA. 100+00
C.C. STA. 100+00
C.L. STA. 100+00
C.S. STA. 100+00
C.O. STA. 100+00
C.F. STA. 100+00
C.G. STA. 100+00
C.H. STA. 100+00
C.I. STA. 100+00
C.J. STA. 100+00
C.K. STA. 100+00
C.L. STA. 100+00
C.M. STA. 100+00
C.N. STA. 100+00
C.O. STA. 100+00
C.P. STA. 100+00
C.Q. STA. 100+00
C.R. STA. 100+00
C.S. STA. 100+00
C.T. STA. 100+00
C.U. STA. 100+00
C.V. STA. 100+00
C.W. STA. 100+00
C.X. STA. 100+00
C.Y. STA. 100+00
C.Z. STA. 100+00

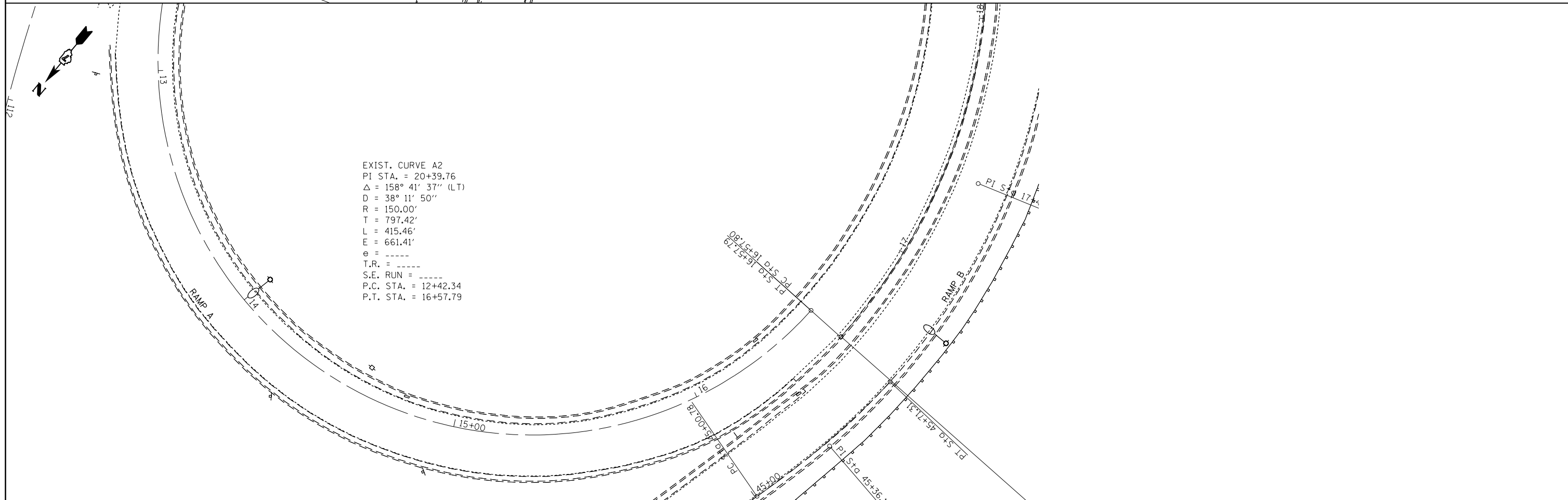
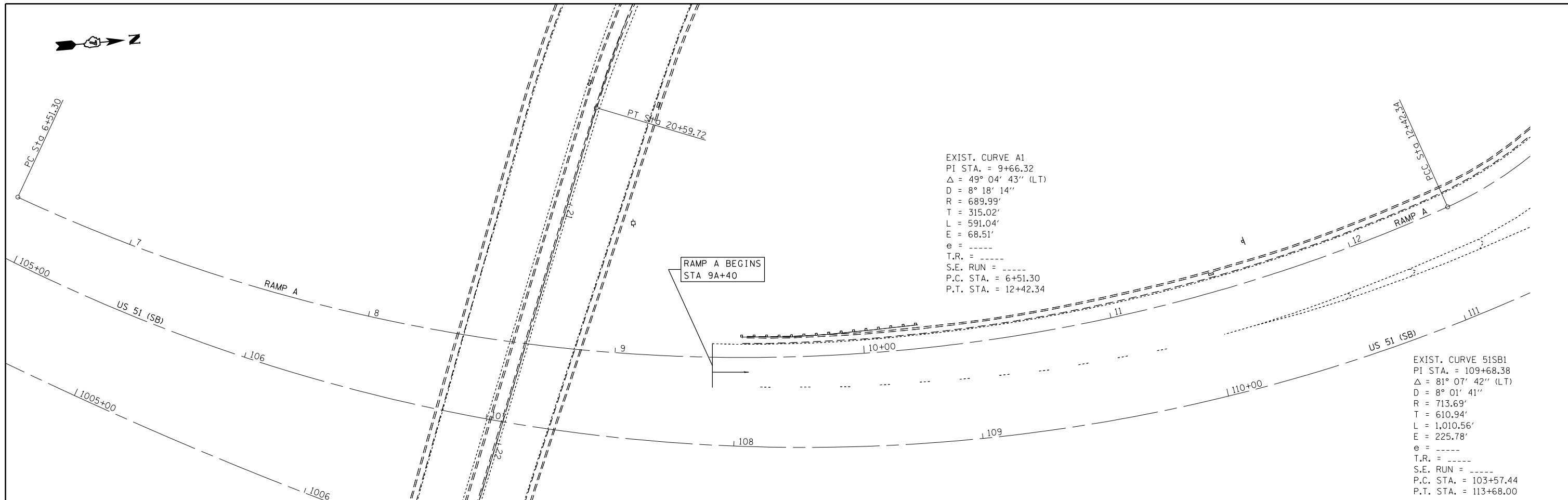
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

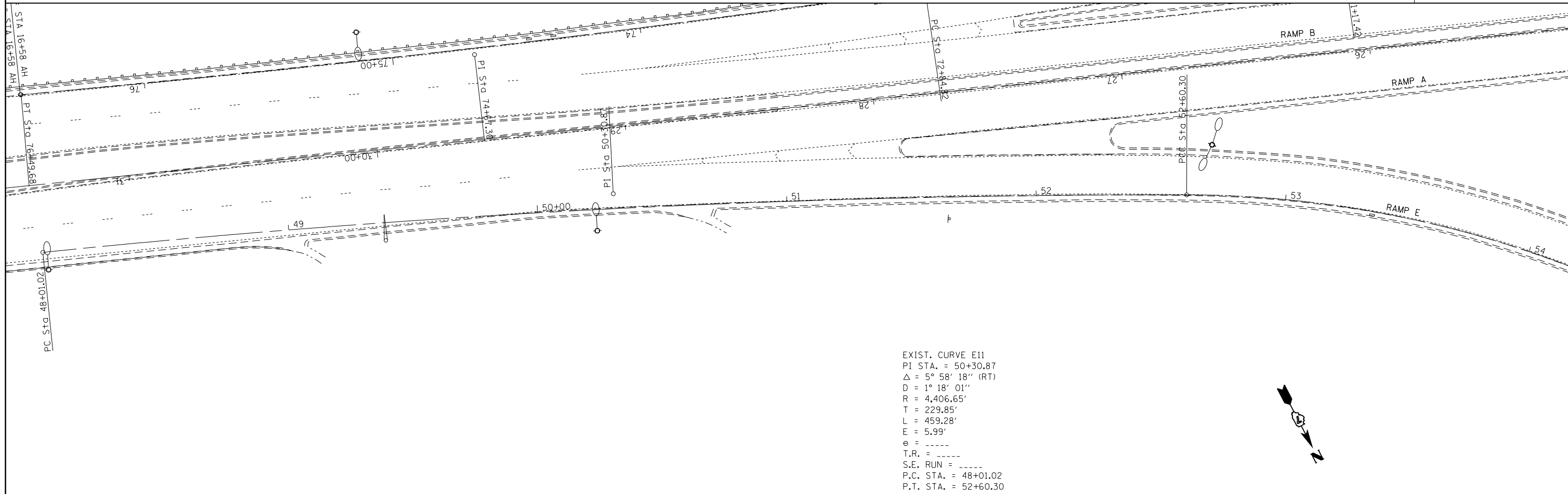
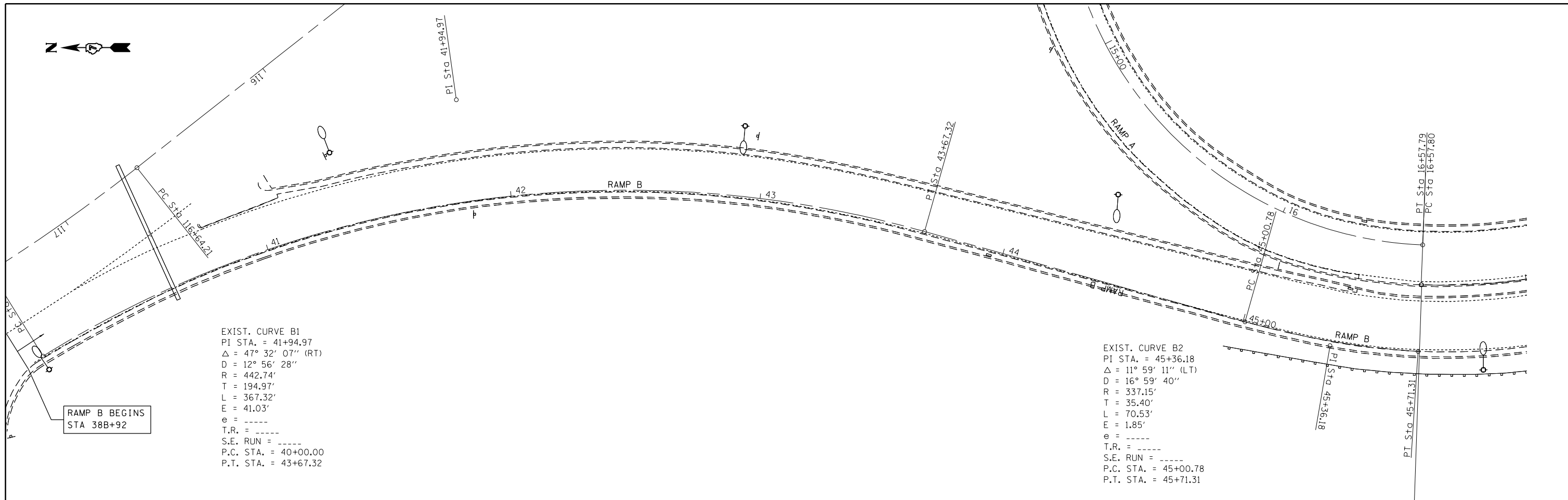
RAMP DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

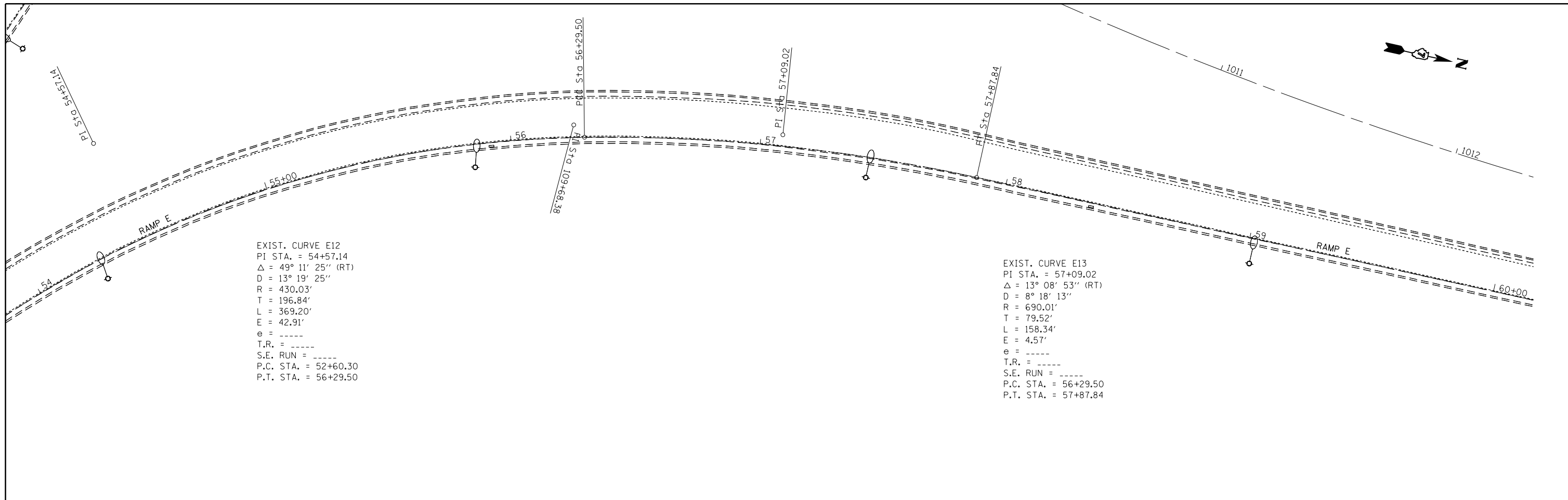
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	20
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP A		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\stevfenmk\d0187107\074475-SHT-plan.dgn		DRAWN -	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.	712	128RS-4,148KRS-2	Macon	73	21
D774498-SHT-plan 21	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 74475				
	PLOT DATE = 4/4/2014	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

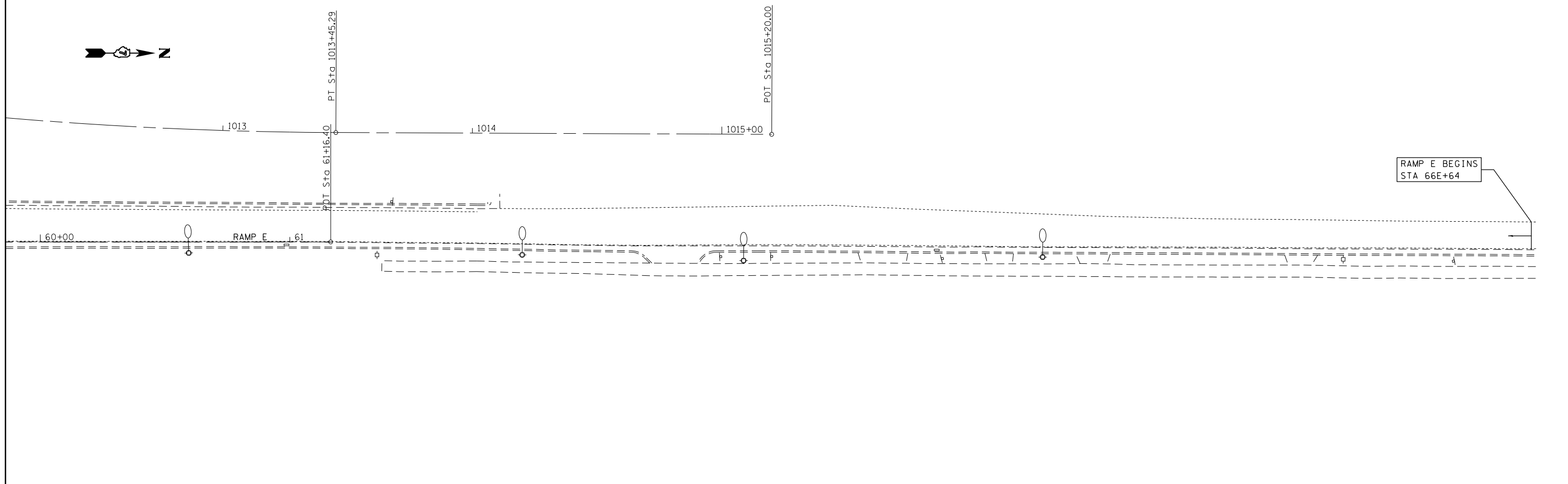


FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP B - TOP RAMP E - BOTTOM			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\midot\stevfenmk\d0187107\074475-SHT-plan.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					712	128RS-4,148KRS-2	Macon	73	22
D774498-SHT-plan 22	PLOT DATE = 4/4/2014	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 74475				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



EXIST. CURVE E12
 PI STA. = 54+57.14
 $\Delta = 49^\circ 11' 25''$ (RT)
 $D = 13^\circ 19' 25''$
 $R = 430.03'$
 $T = 196.84'$
 $L = 369.20'$
 $E = 42.91'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 52+60.30$
 $P.T. \text{ STA.} = 56+29.50$

EXIST. CURVE E13
 PI STA. = 57+09.02
 $\Delta = 13^\circ 08' 53''$ (RT)
 $D = 8^\circ 18' 13''$
 $R = 690.01'$
 $T = 79.52'$
 $L = 158.34'$
 $E = 4.57'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 56+29.50$
 $P.T. \text{ STA.} = 57+87.84$



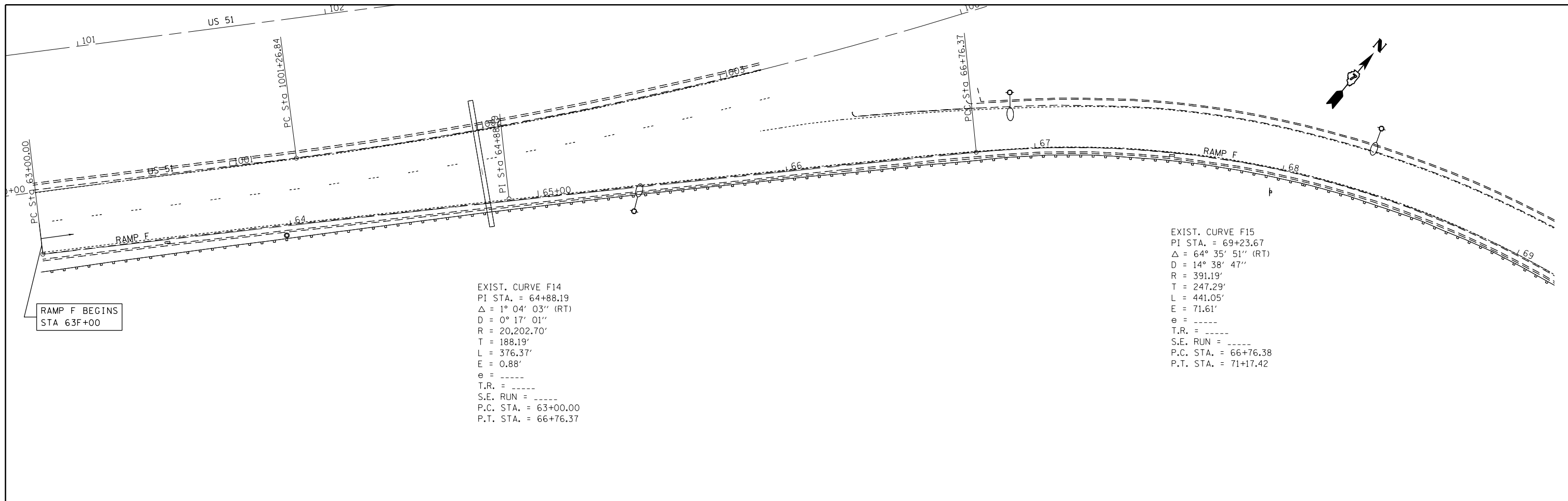
RAMP E BEGINS
 STA 66E+64

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
D774498-SHT-plan 23	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RAMP E			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

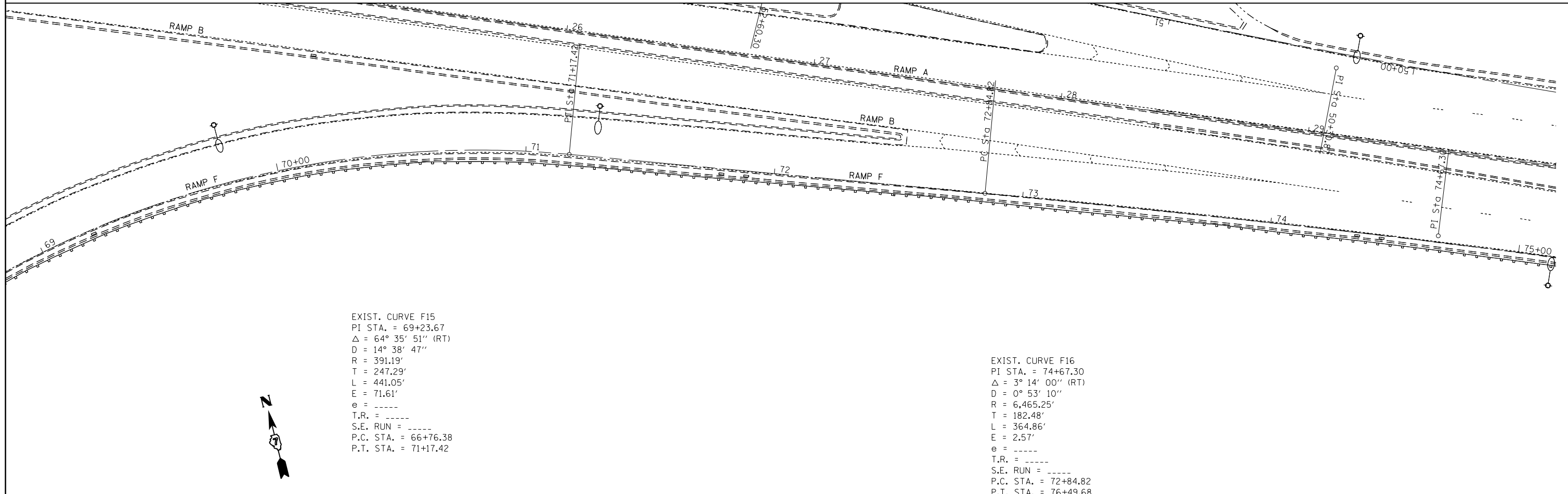
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	23
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74475	



RAMP F BEGINS
STA 63F+00

EXIST. CURVE F14
 PI STA. = 64+88.19
 $\Delta = 1^\circ 04' 03''$ (RT)
 D = $0^\circ 17' 01''$
 R = 20,202.70'
 T = 188.19'
 L = 376.37'
 E = 0.88'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 63+00.00
 P.T. STA. = 66+76.37

EXIST. CURVE F15
 PI STA. = 69+23.67
 $\Delta = 64^\circ 35' 51''$ (RT)
 D = $14^\circ 38' 47''$
 R = 391.19'
 T = 247.29'
 L = 441.05'
 E = 71.61'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 66+76.38
 P.T. STA. = 71+17.42



EXIST. CURVE F15
 PI STA. = 69+23.67
 $\Delta = 64^\circ 35' 51''$ (RT)
 D = $14^\circ 38' 47''$
 R = 391.19'
 T = 247.29'
 L = 441.05'
 E = 71.61'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 66+76.38
 P.T. STA. = 71+17.42

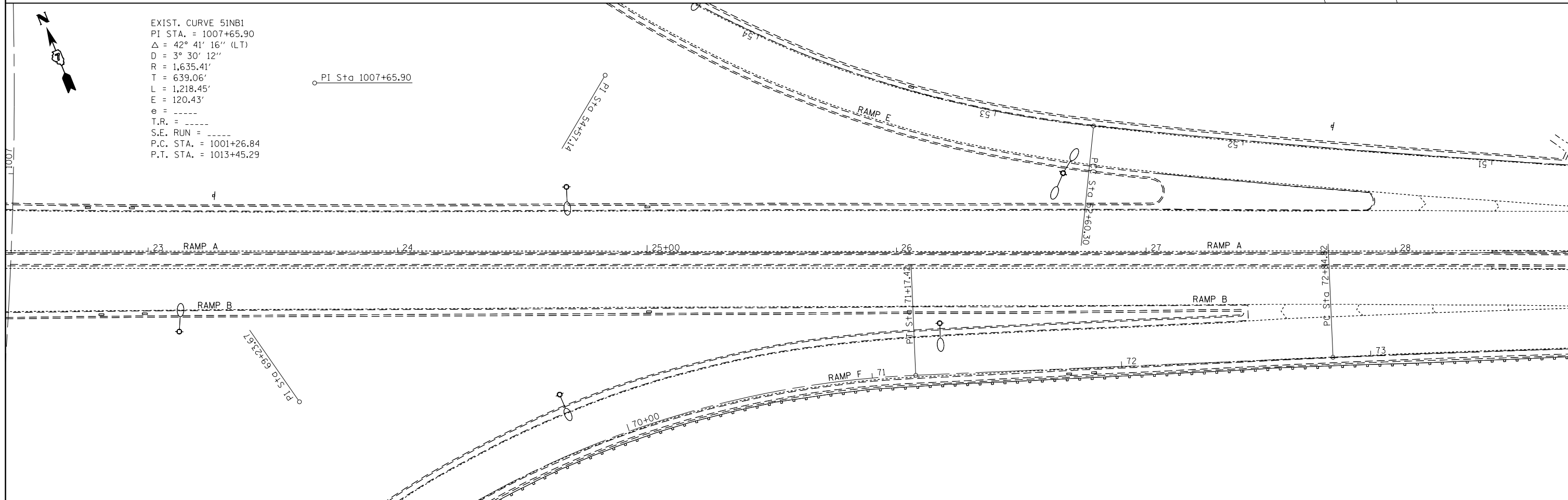
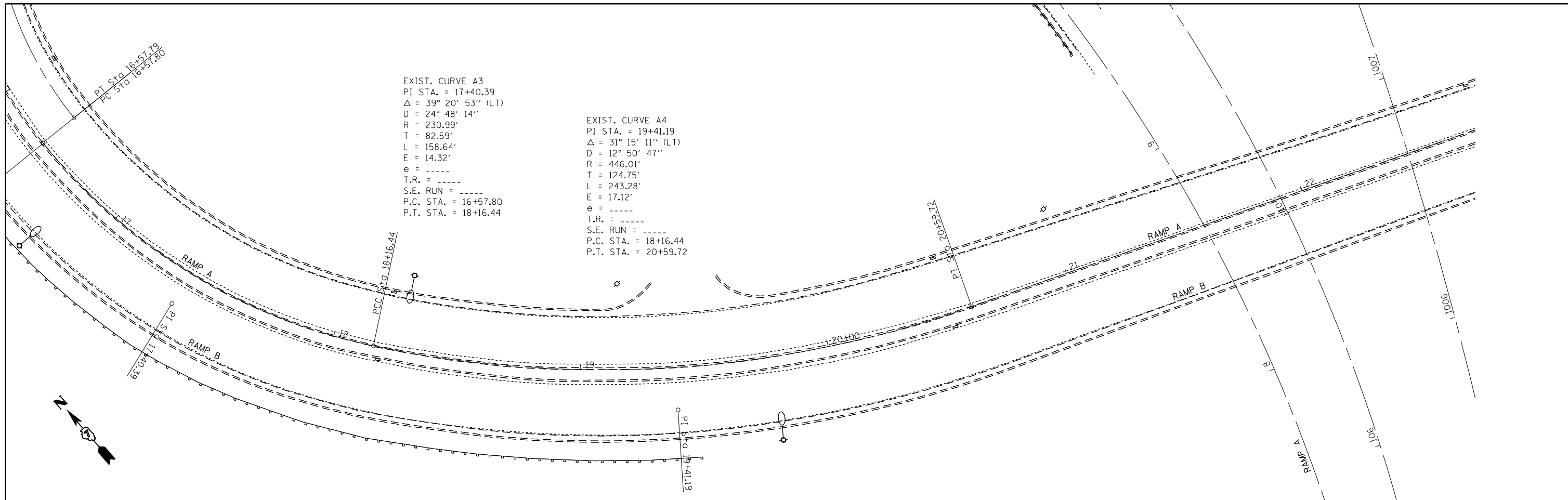
EXIST. CURVE F16
 PI STA. = 74+67.30
 $\Delta = 3^\circ 14' 00''$ (RT)
 D = $0^\circ 53' 10''$
 R = 6,465.25'
 T = 182.48'
 L = 364.86'
 E = 2.57'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 72+84.82
 P.T. STA. = 76+49.68

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
ei:\pw\work\p\dot\steffenmk\d0187107\074475-SHT-plan.dgn		DRAWN -	REVISED -
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D774498-SHT-plan 24	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET OF SHEETS		STA.	TO STA.
		RAMP F			

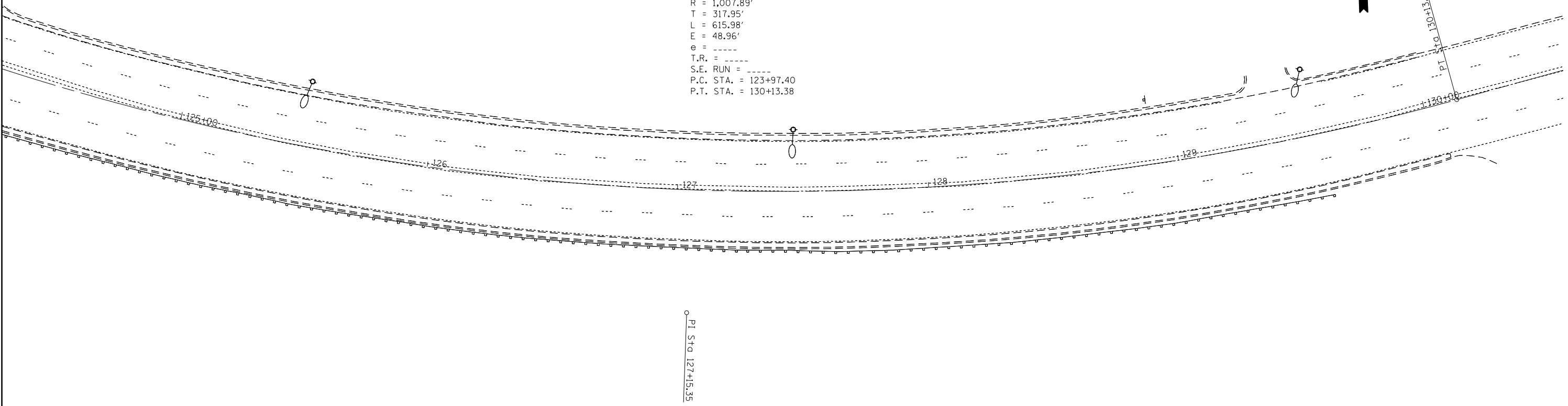
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148K/RS-2	Macon	73	24
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	



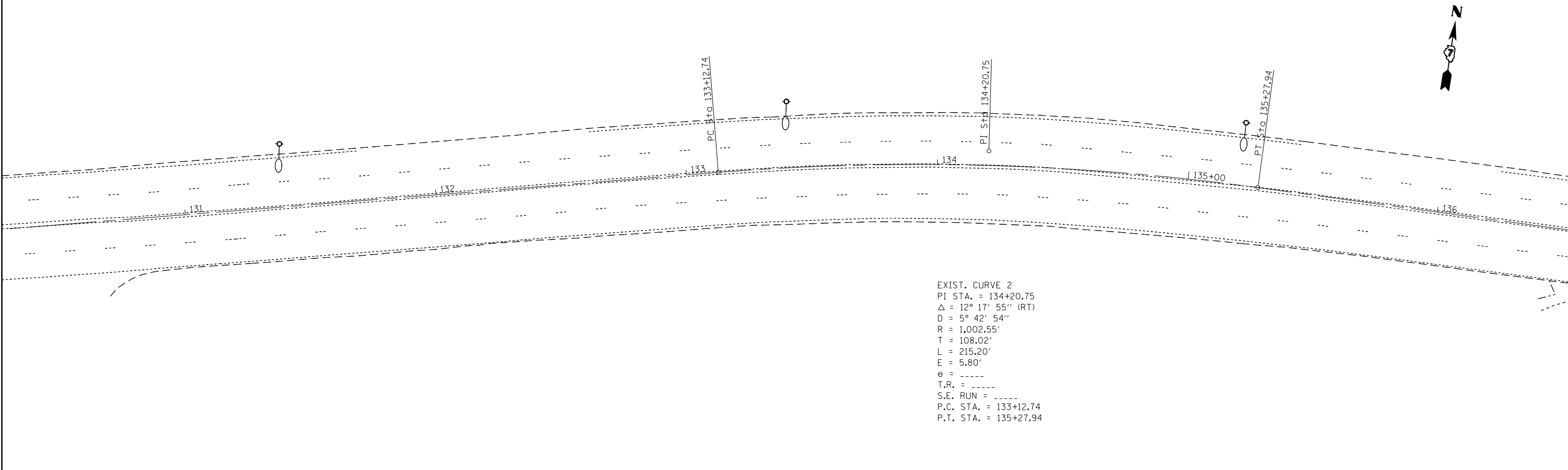
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c:\pwork\work\pidot\steffenmk\d0187107\074475-SHT-plan.dgn	4475-SHT-plan.dgn	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	712	25	
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -									128RS-4,148KRS-2	Macon	73
D774498-SHT-plan 25	PLOT DATE = 4/4/2014	DATE -	REVISED -									CONTRACT NO. 74475		

ILLINOIS FED. AID PROJECT

EXIST. CURVE 1
 PI STA. = 127+15.35
 $\Delta = 35^\circ 01' 01''$ (LT)
 D = 5° 41' 05"
 R = 1,007.89'
 T = 317.95'
 L = 615.98'
 E = 48.96'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 123+97.40
 P.T. STA. = 130+13.38



EXIST. CURVE 2
 PI STA. = 134+20.75
 $\Delta = 12^\circ 17' 55''$ (RT)
 D = 5° 42' 54"
 R = 1,002.55'
 T = 108.02'
 L = 215.20'
 E = 5.80'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 133+12.74
 P.T. STA. = 135+27.94



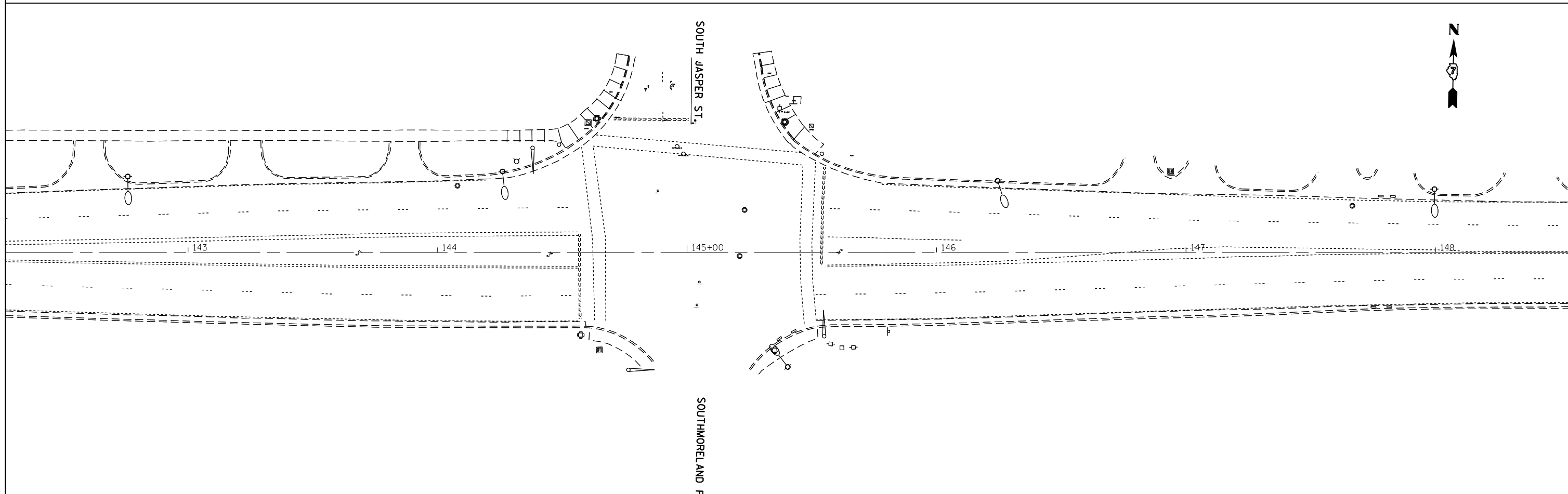
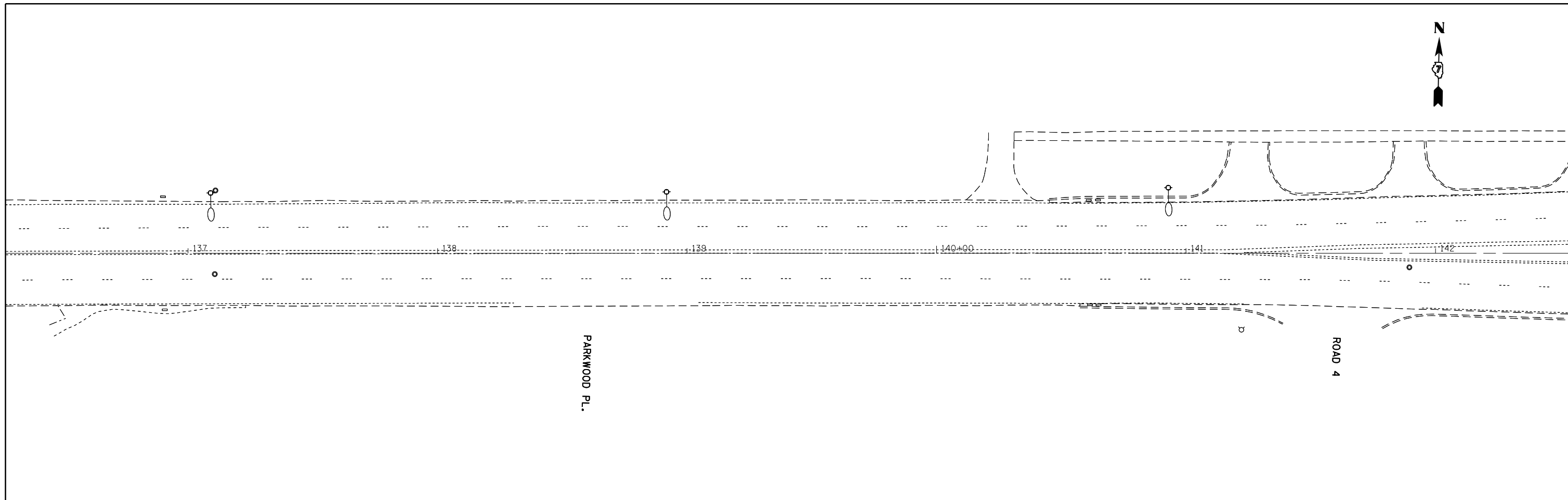
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
D774498-SHT-plan 27	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148K/RS-2	Macon	73	27
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74475	



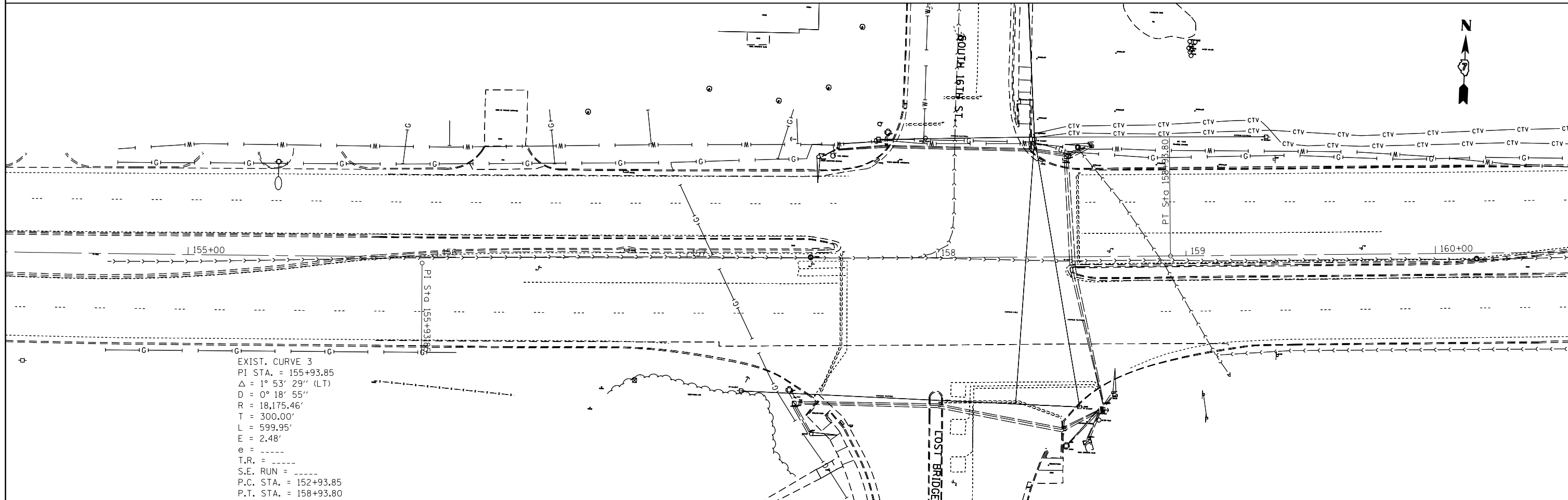
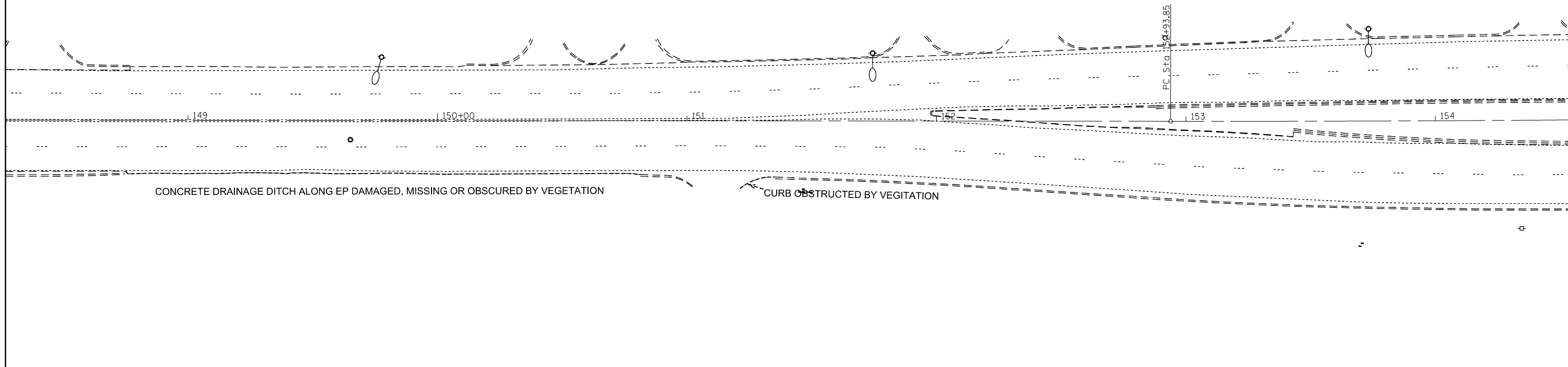
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D774498-SHT-plan 28	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	28
CONTRACT NO.			74475	
ILLINOIS FED. AID PROJECT				



EXIST. CURVE 3
 PI STA. = 155+93.85
 $\Delta = 1^\circ 53' 29''$ (LT)
 $D = 0^\circ 18' 55''$
 $R = 18,175.46'$
 $T = 300.00'$
 $L = 599.95'$
 $E = 2.48'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA. = 152+93.85
 P.T. STA. = 158+93.80

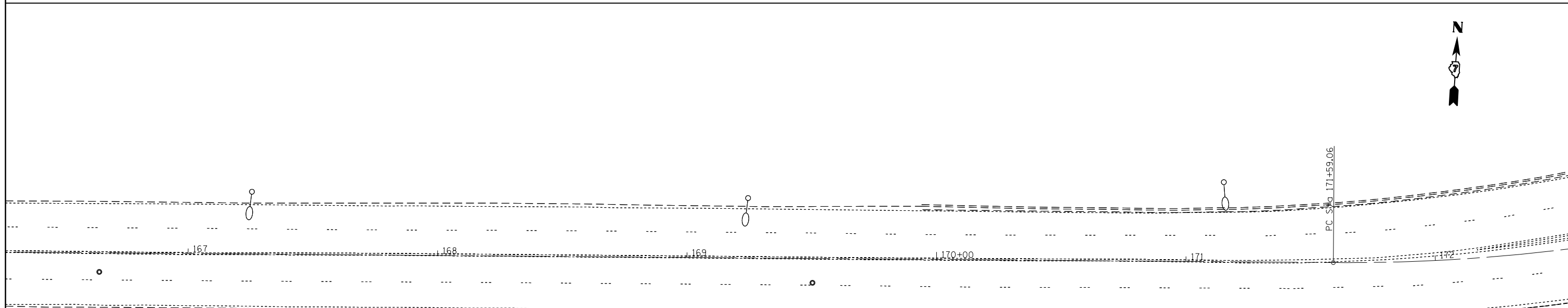
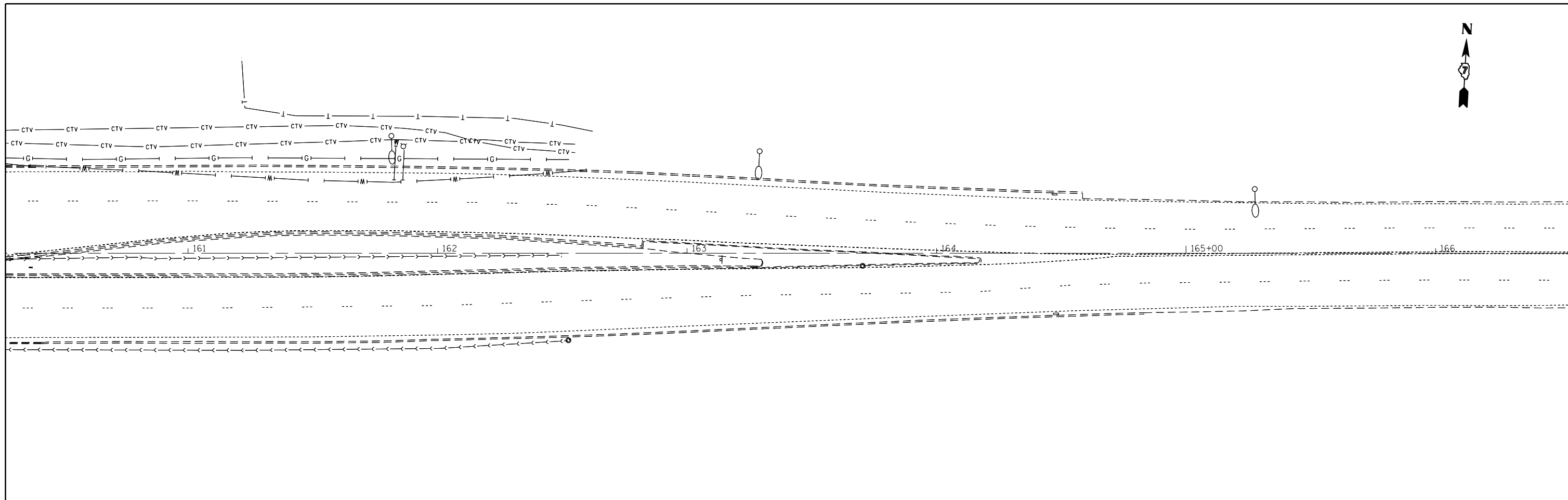
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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148K/RS-2	Macon	73	29
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74475	



CONCRETE DRAINAGE DITCH ALONG EP DAMAGED, MISSING OR OBSCURED BY VEGETATION
 EDGE OF PAVEMENT OBSCURED BY GRAVEL AND VEGETATION

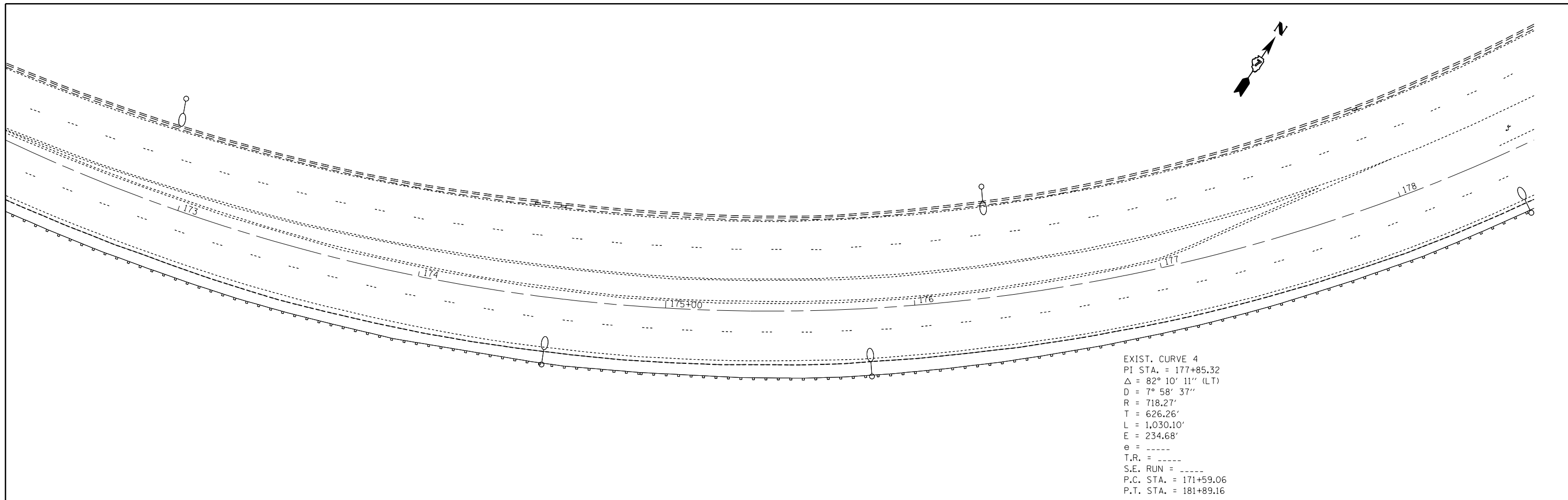
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D774498-SHT-plan 30	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

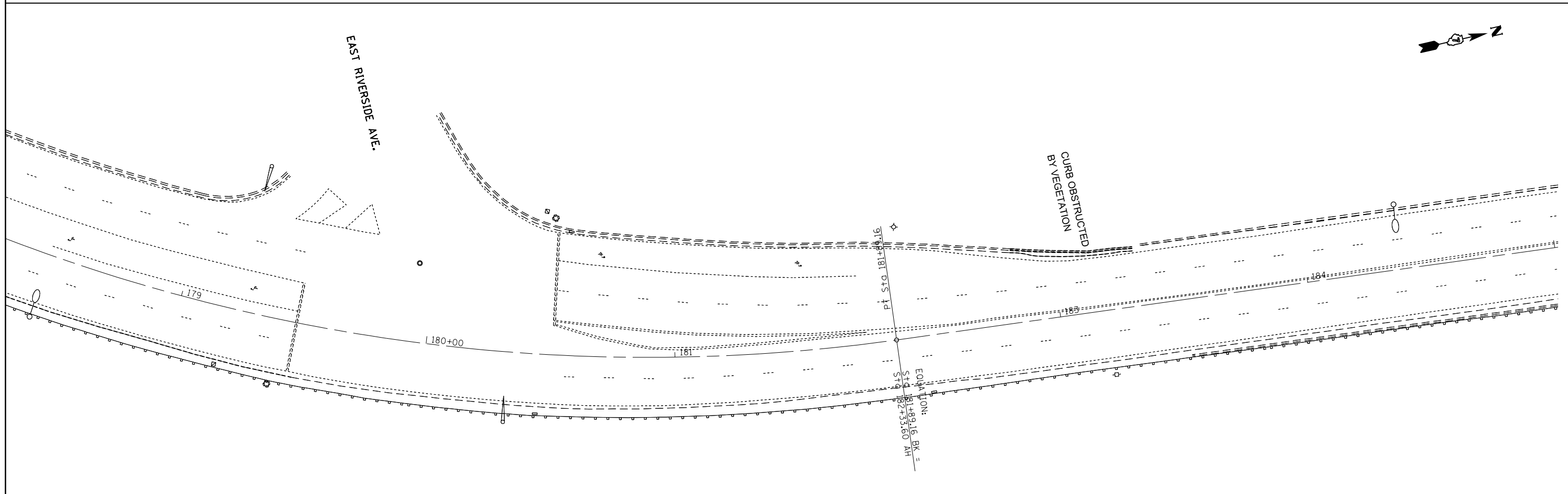
PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	30
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	



EXIST. CURVE 4
 PI STA. = 177+85.32
 Δ = 82° 10' 11" (LT)
 D = 7° 58' 37"
 R = 718.27'
 T = 626.26'
 L = 1,030.10'
 E = 234.68'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 171+59.06
 P.T. STA. = 181+89.16

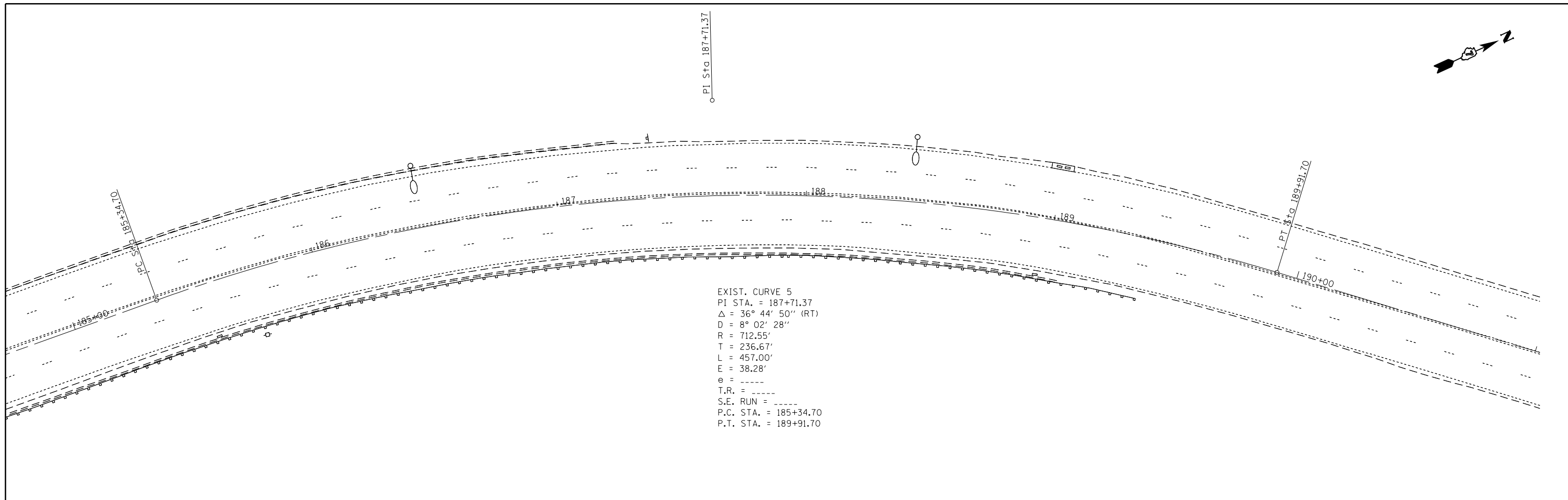


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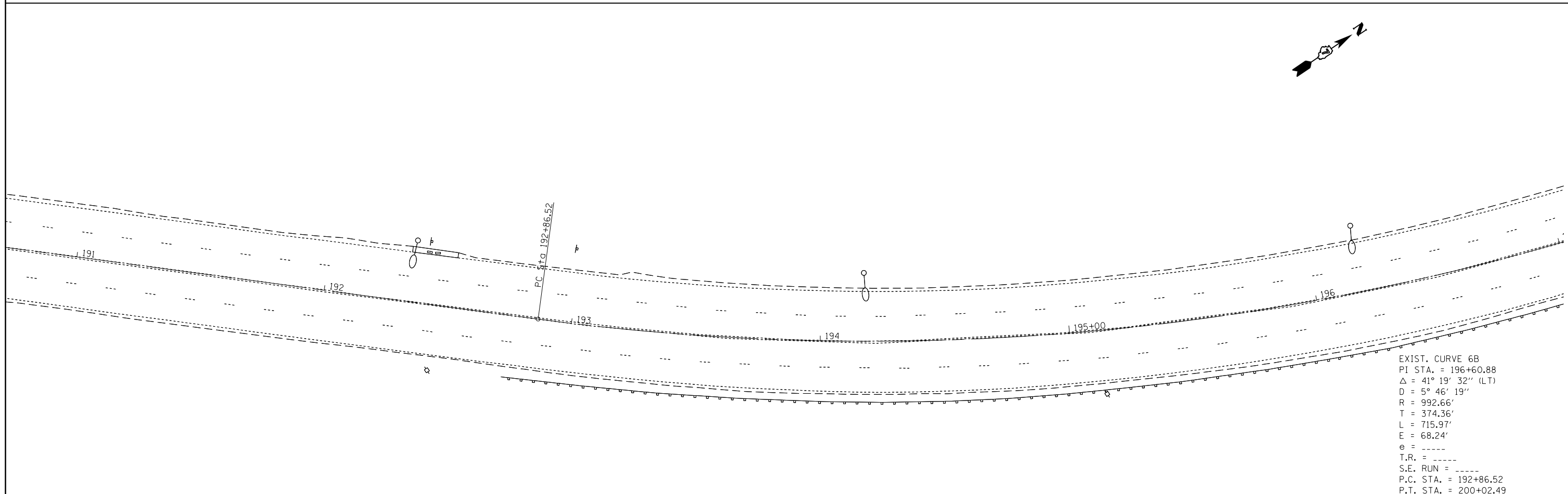
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KIRS-2	Macon	73	31
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	



EXIST. CURVE 5
 PI STA. = 187+71.37
 Δ = 36° 44' 50" (RT)
 D = 8° 02' 28"
 R = 712.55'
 T = 236.67'
 L = 457.00'
 E = 38.28'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 185+34.70
 P.T. STA. = 189+91.70



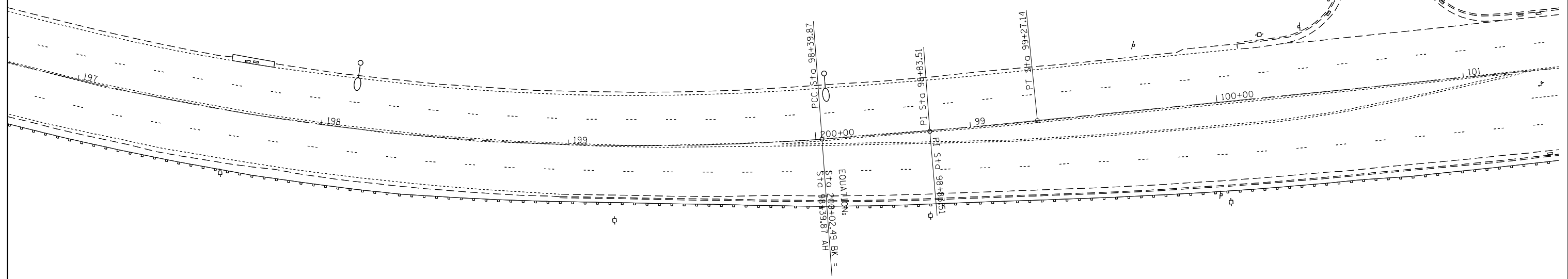
EXIST. CURVE 6B
 PI STA. = 196+60.88
 Δ = 41° 19' 32" (LT)
 D = 5° 46' 19"
 R = 992.66'
 T = 374.36'
 L = 715.97'
 E = 68.24'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 192+86.52
 P.T. STA. = 200+02.49

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 74475				
D774498-SHT-plan 32	PLOT DATE = 4/4/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

EXIST. CURVE 6C
 PI STA. = 98+83.51
 $\Delta = 1^\circ 35' 24''$ (LT)
 $D = 1^\circ 49' 19''$
 $R = 3,144.94'$
 $T = 43.64'$
 $L = 87.27'$
 $E = 0.30'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 98+39.87$
 $P.T. \text{ STA.} = 99+27.14$



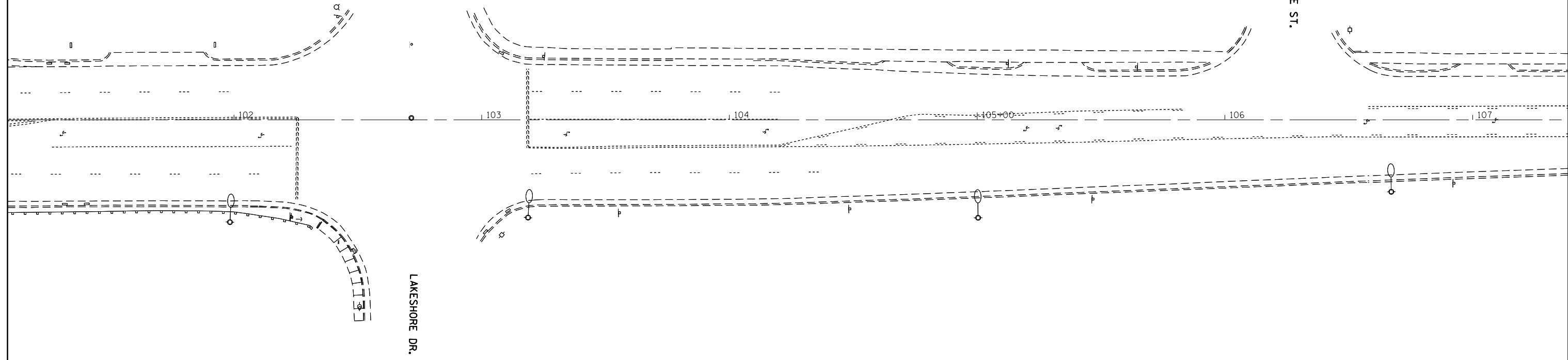
ROOSEVELT AVE.



MOORE ST.

EAST CANTRELL ST.

LAKESHORE DR.



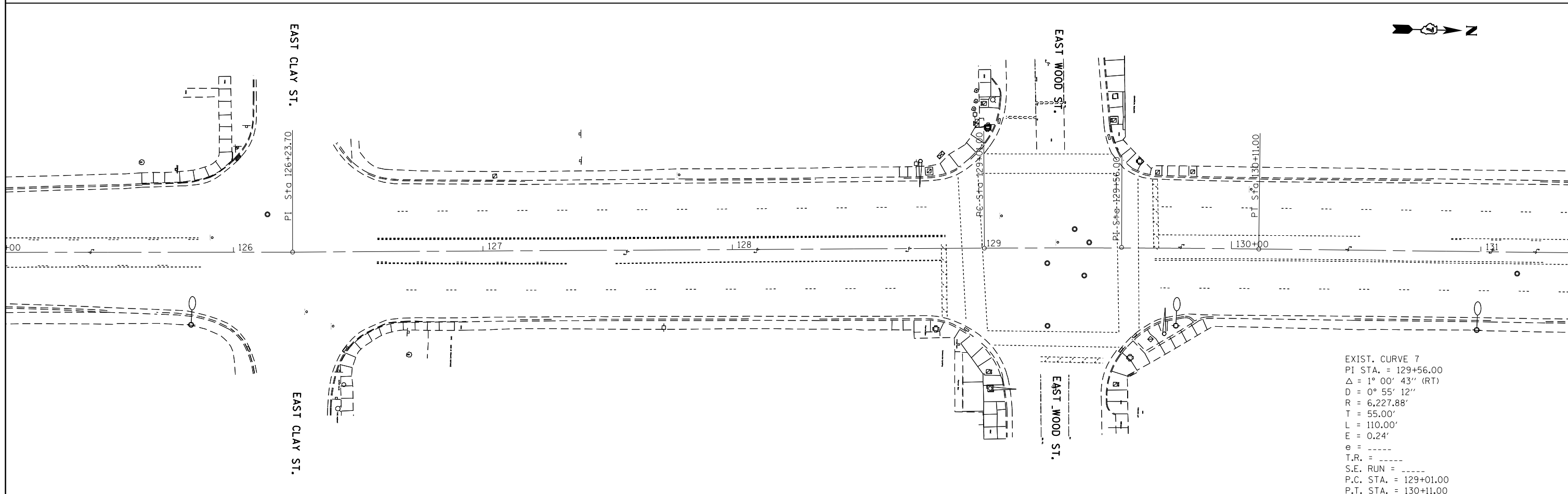
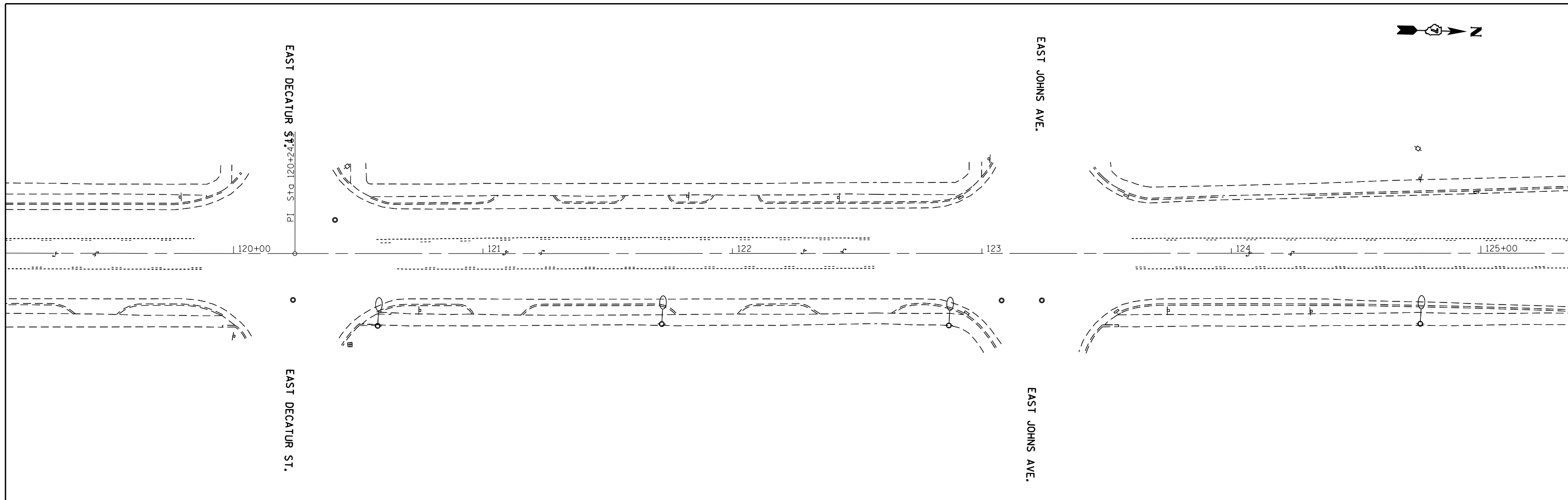
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D774498-SHT-plan 33	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KIRS-2	Macon	73	33
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74475	



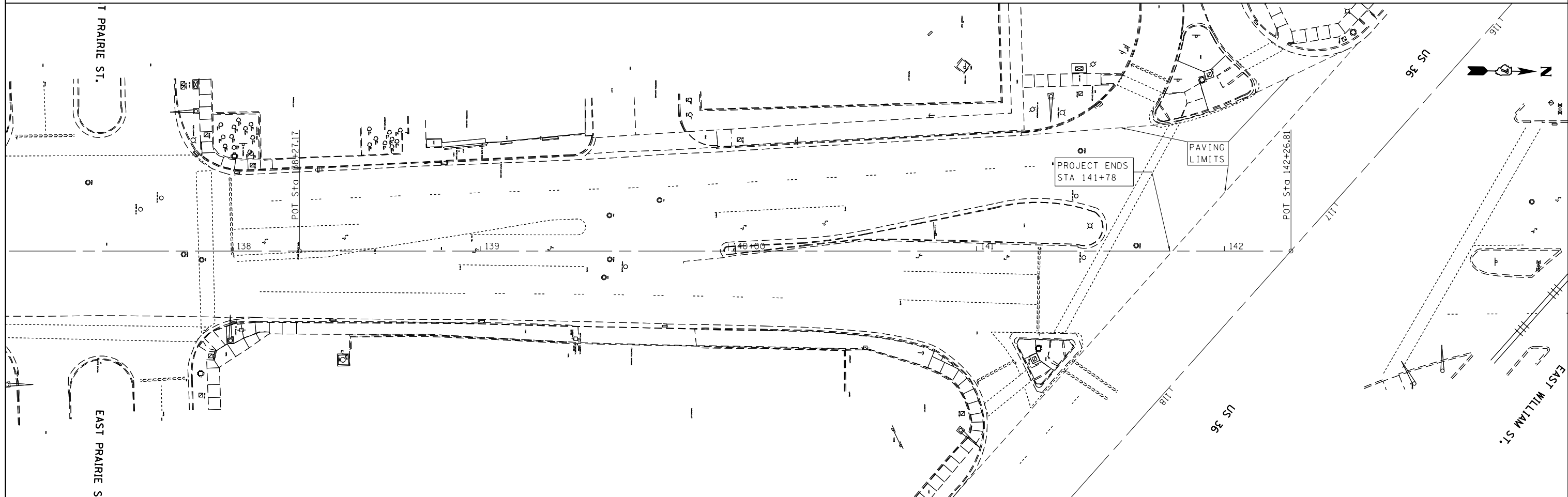
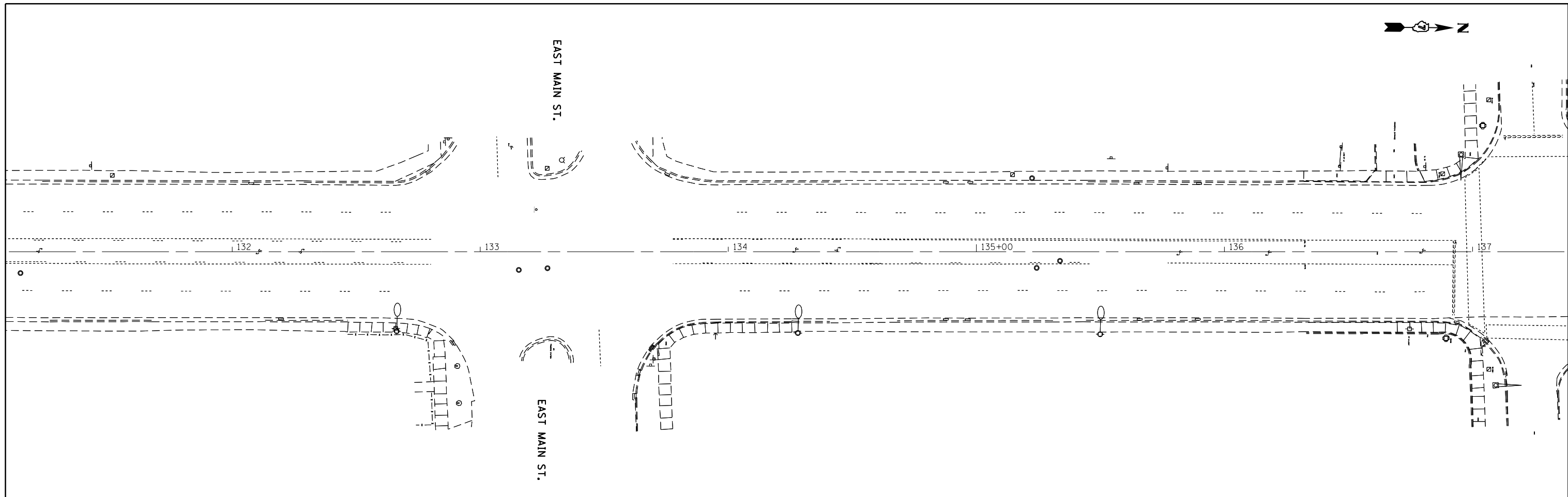
EXIST. CURVE 7
 PI STA. = 129+56.00
 Δ = 1° 00' 43" (RT)
 D = 0° 55' 12"
 R = 6,227.88'
 T = 55.00'
 L = 110.00'
 E = 0.24'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 129+01.00
 P.T. STA. = 130+11.00

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D774498-SHT-plan 35	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	35
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	

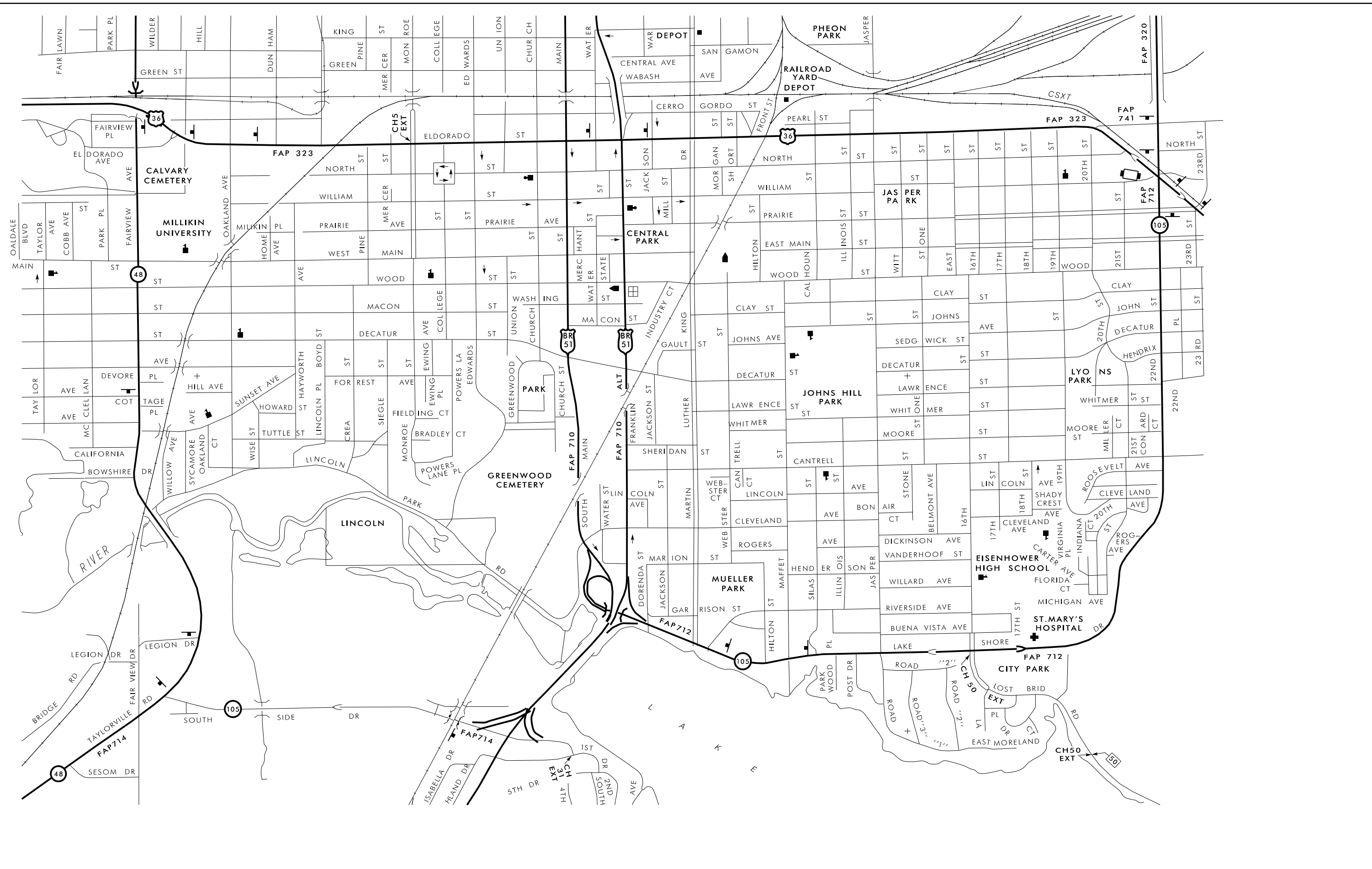


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D774498-SHT-plan 36	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148K/RS-2	Macon	73	36
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	

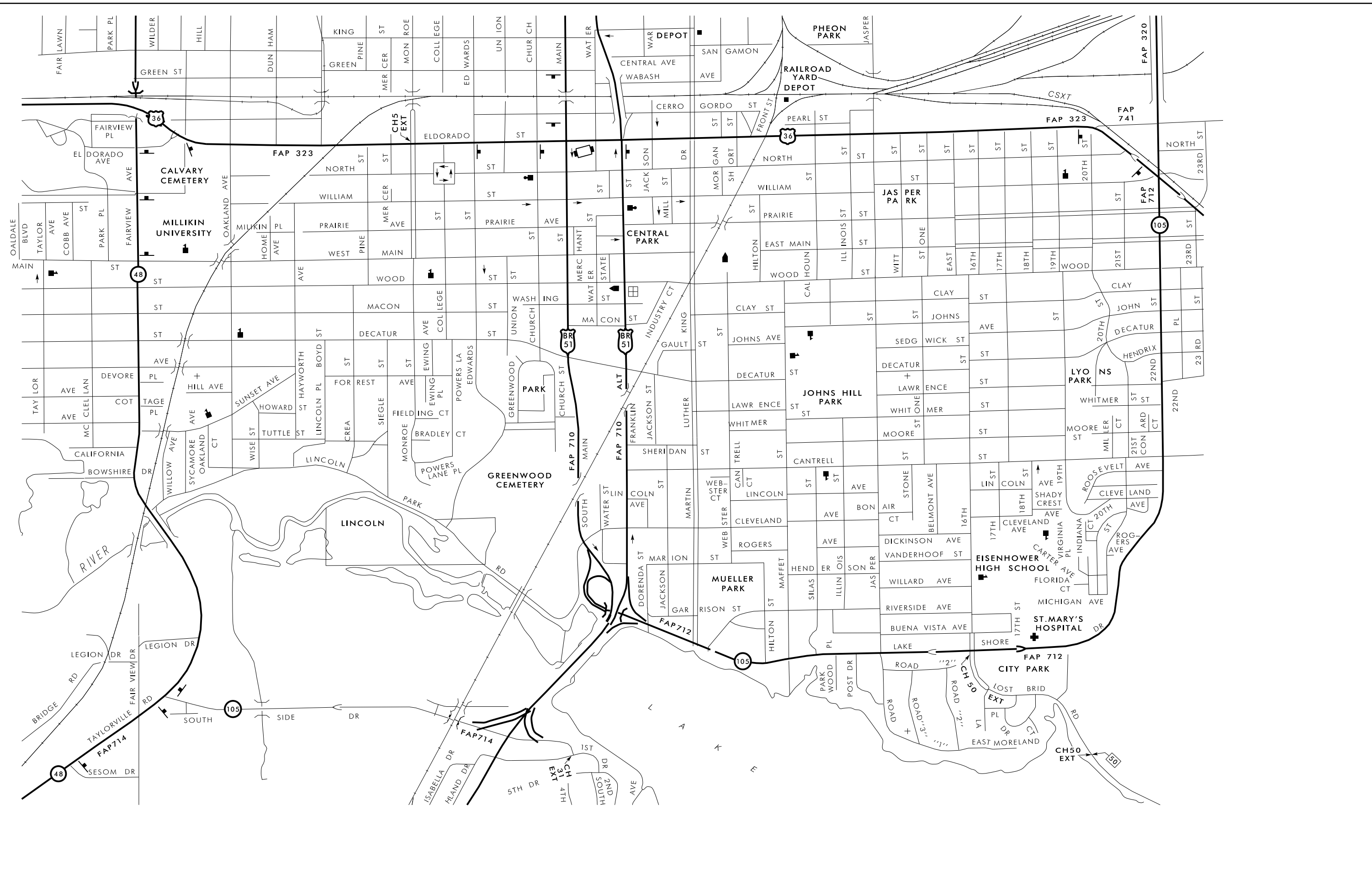


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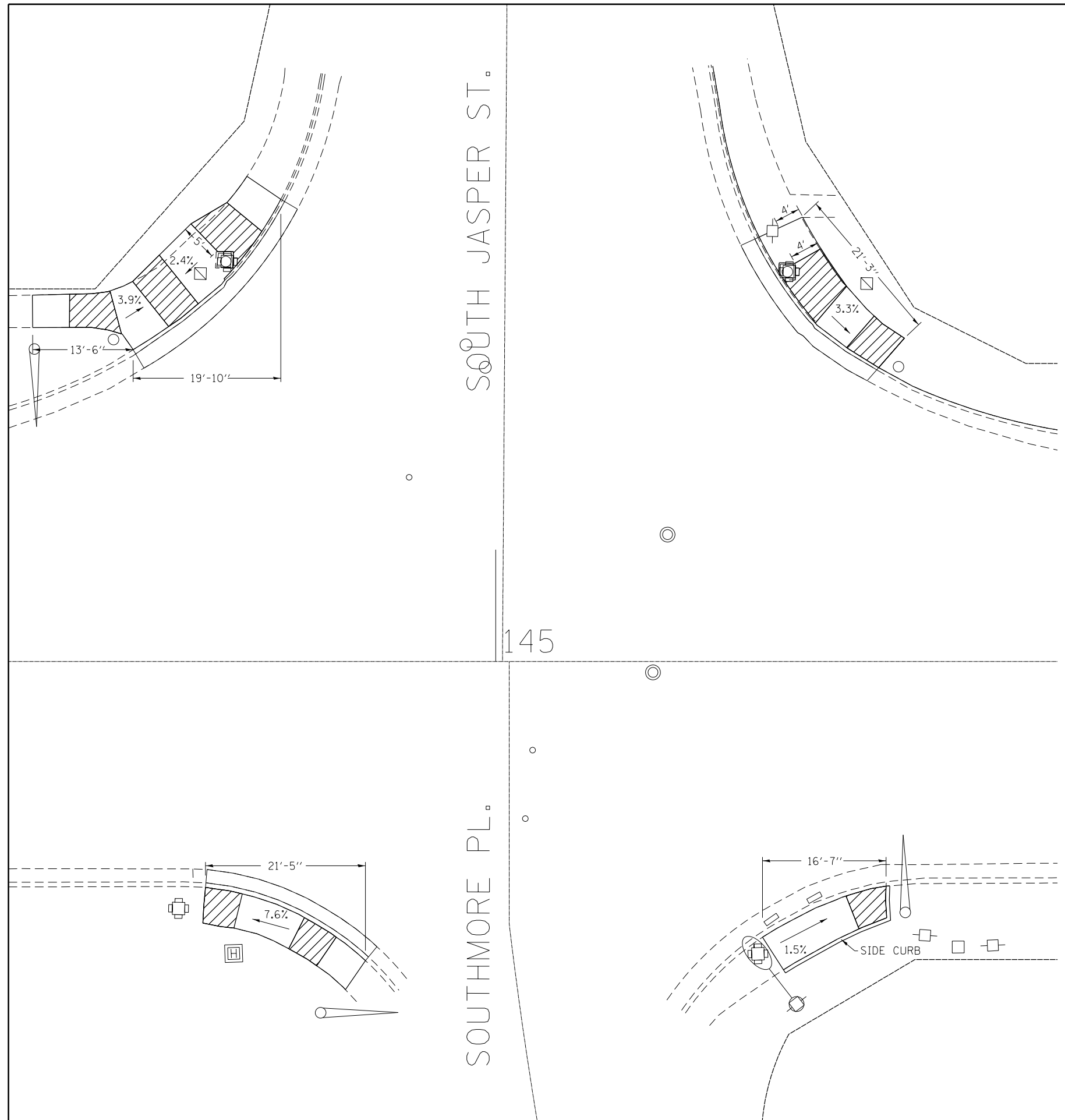
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL RAMPS A & E			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	37
CONTRACT NO. 74475				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL RAMPS B & F	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT DATE = 4/4/2014	CHECKED -	REVISED -			CONTRACT NO. 74475					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



PAY ITEM	UNIT	QUADRANT			
		NW	NE	SW	SE
SIDEWALK REMOVAL	SQ FT	231.0	131.0	107.0	82.0
COMB. CONC. CURB & GUTTER REMOVAL	FT	29.0	25.0	25.0	
COMB. CONC. CURB & GUTTER, TYPE B-6.24	FT	29.0	25.0	25.0	
PCC SIDEWALK 4"	SQ FT	245.0	133.0	107.0	82.0
DETECTABLE WARNINGS	SQ FT	10.0	10.0	10.0	10.0
HANDHOLE TO BE ADJUSTED	EACH	1.0			

- NOTES:
- SEE STANDARD 424011 FOR ADDITIONAL INFORMATION.
 - REMOVAL LIMITS ARE TO EXISTING JOINTS EXCEPT ON SOUTHMORE PL.
 - THE COST OF SIDE CURB SHALL BE INCLUDED IN PCC SIDEWALK 4".
 - THE COST OF HOT-MIX ASPHALT REMOVAL AND PLACEMENT IN THE GUTTERS ON SOUTHMORE PL. SHALL BE INCLUDED IN COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24

→ DRAINAGE FLOW ARROW

LANDING AREA - 4' X 4' MIN. 5' X 5' TYPICAL
MAX 2.0%, 1.56% IS PREFERRED SLOPE IN ALL DIRECTIONS

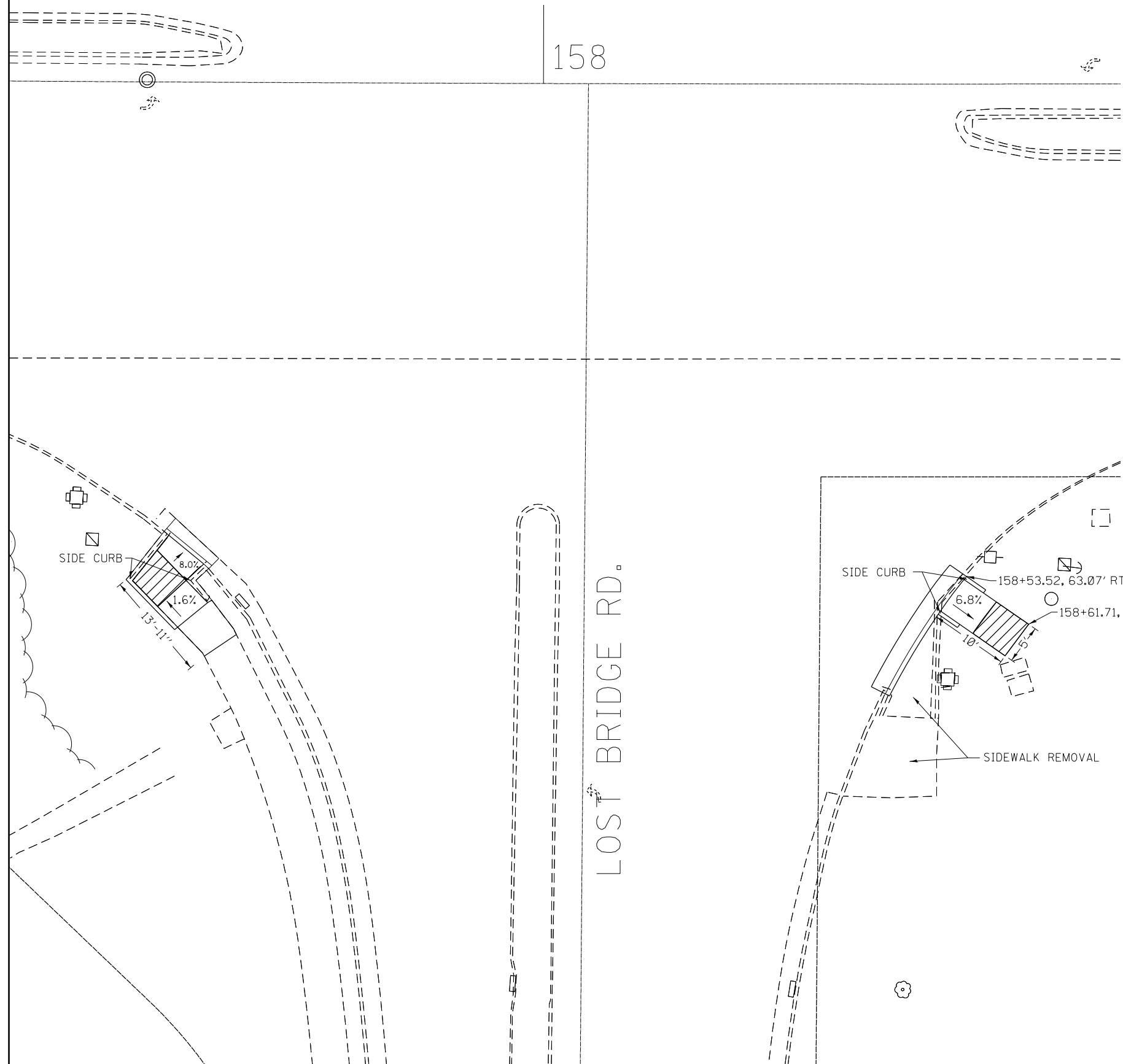
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Default	PLOT SCALE = 15.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAILS
SOUTH JASPER ST & SOUTHMORE PL**

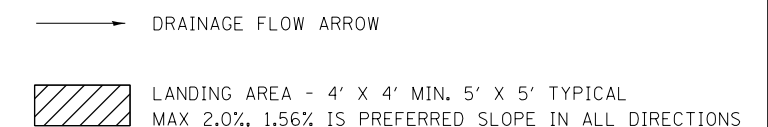
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148K/RS-2	Macon	73	39
CONTRACT NO. 74475				
ILLINOIS FED. AID PROJECT				



PAY ITEM	UNIT	QUADRANT	
		SW	SE
SIDEWALK REMOVAL	SQ FT	86.0	155.0
CURB REMOVAL	FT	14.0	15.0
COMB. CONC. CURB & GUTTER REMOVAL	FT	8.0	19.0
COMB. CONC. CURB & GUTTER, TYPE B-6.24	FT	8.0	19.0
PCC SIDEWALK 4"	SQ FT	86.0	50.0
DETECTABLE WARNINGS	SQ FT	10.0	10.0

- NOTES:
1. SEE STANDARD 424006 FOR ADDITIONAL INFORMATION.
 2. REMOVAL LIMITS ARE TO EXISTING JOINTS.
 3. THE COST OF SIDE CURB SHALL BE INCLUDED IN PCC SIDEWALK 4".
 4. THE COST OF HOT-MIX ASPHALT REMOVAL AND PLACEMENT IN THE GUTTERS SHALL BE INCLUDED IN COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24



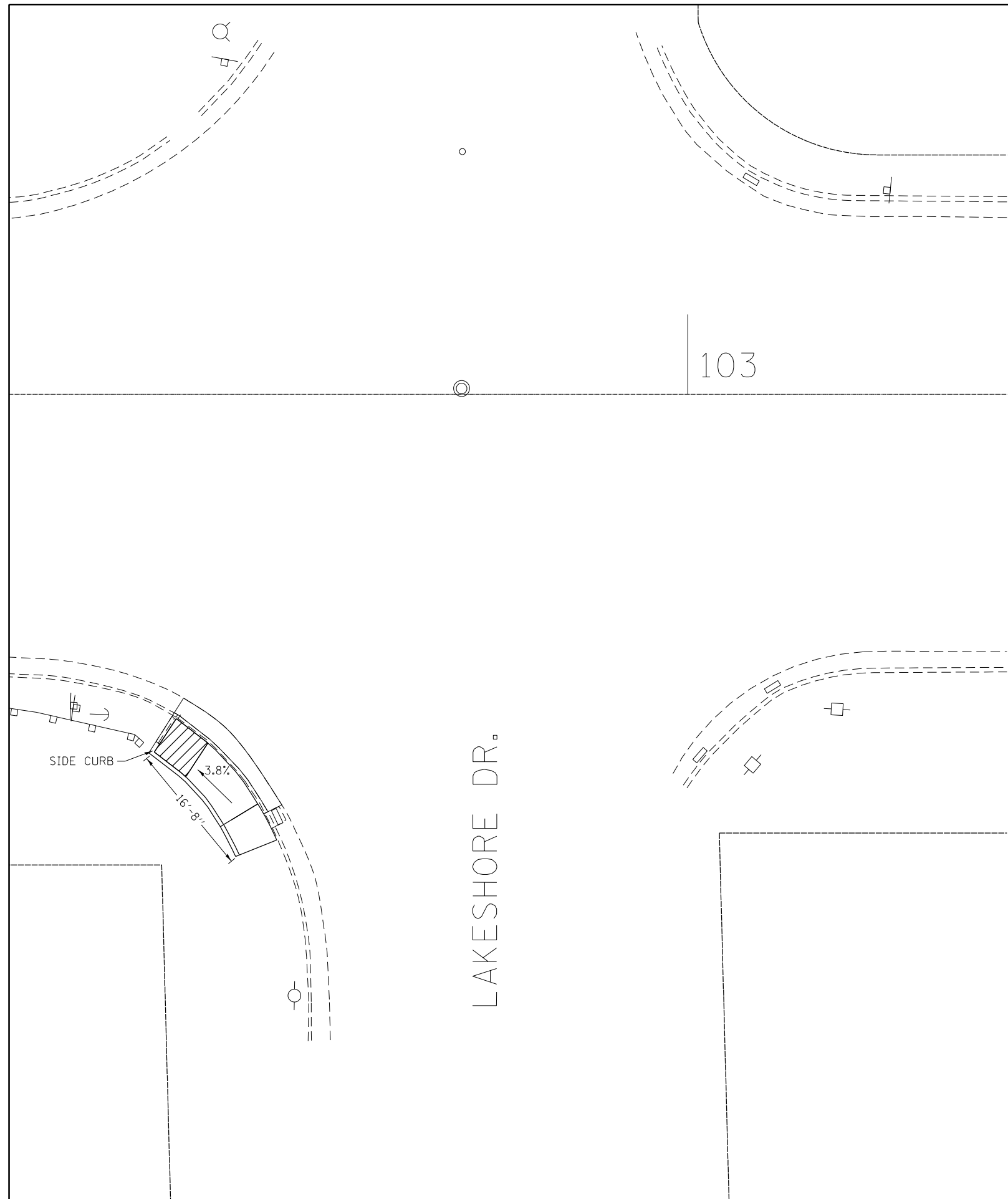
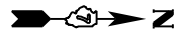
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Default	PLOT SCALE = 15.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAILS
LOST BRIDGE RD.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	40
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	



PAY ITEM	UNIT	QUADRANT
		SW
SIDEWALK REMOVAL	SQ FT	93.0
CURB REMOVAL	FT	23.0
COMB. CONC. CURB & GUTTER REMOVAL	FT	18.0
COMB. CONC. CURB & GUTTER, TYPE B-6.24	FT	18.0
PCC SIDEWALK 4"	SQ FT	93.0
DETECTABLE WARNINGS	SQ FT	10.0

- NOTES:
1. SEE STANDARD 424011 FOR ADDITIONAL INFORMATION.
 2. REMOVAL LIMITS ARE TO EXISTING JOINTS.
 3. THE COST OF SIDE CURB SHALL BE INCLUDED IN PCC SIDEWALK 4".

→ DRAINAGE FLOW ARROW

LANDING AREA - 4' X 4' MIN. 5' X 5' TYPICAL
MAX 2.0% , 1.56% IS PREFERRED SLOPE IN ALL DIRECTIONS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

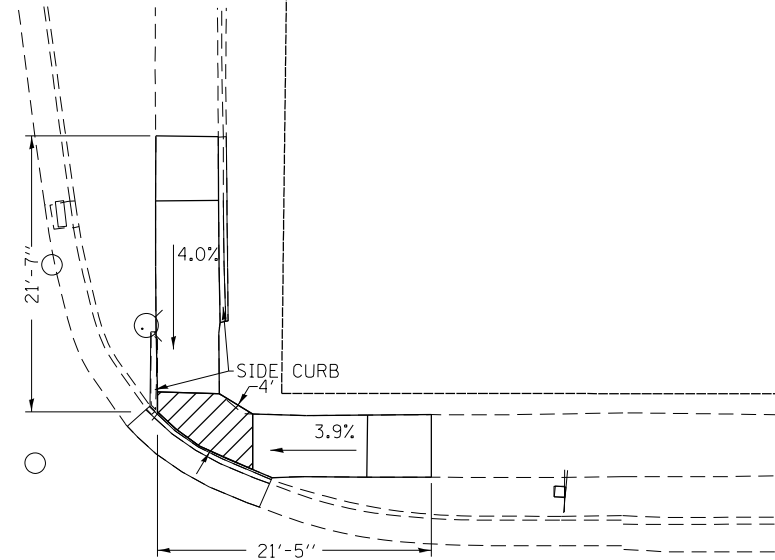
**SIDEWALK DETAILS
LAKESHORE DR.**

SCALE: SHEET OF SHEETS STA. TO STA.

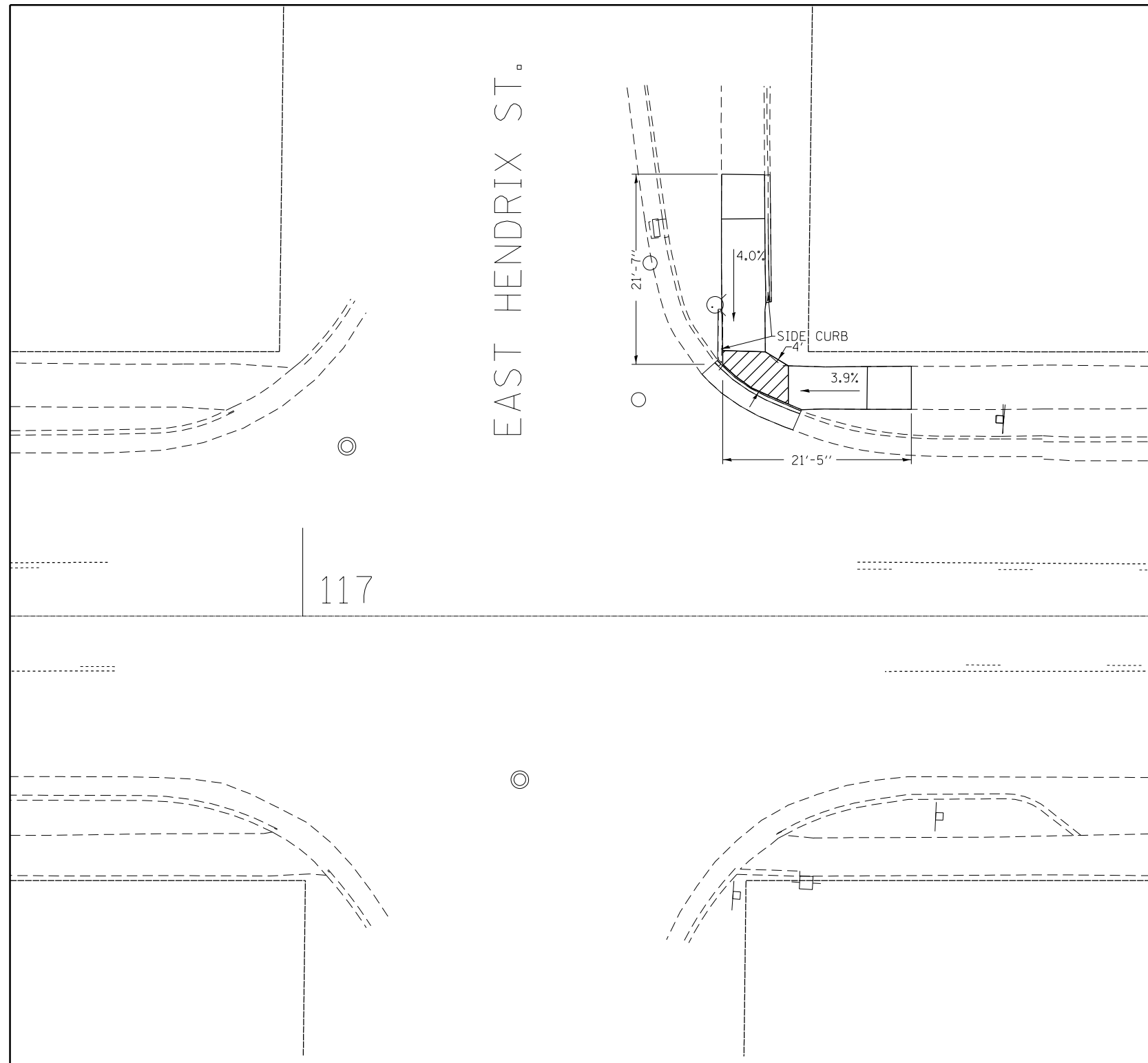
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	41
CONTRACT NO. 74475				
ILLINOIS FED. AID PROJECT				



EAST HENDRIX ST.



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PAY ITEM	UNIT	QUADRANT
		NE
SIDEWALK REMOVAL	SQ FT	194.0
CURB REMOVAL	FT	15.0
COMB. CONC. CURB & GUTTER REMOVAL	FT	12.0
COMB. CONC. CURB & GUTTER, TYPE B-6.24	FT	12.0
PCC SIDEWALK 4"	SQ FT	195.0
DETECTABLE WARNINGS	SQ FT	10.0

- NOTES:
- SEE STANDARD 424011 FOR ADDITIONAL INFORMATION.
 - REMOVAL LIMITS ARE TO EXISTING JOINTS.
 - THE COST OF SIDE CURB SHALL BE INCLUDED IN PCC SIDEWALK 4".

→ DRAINAGE FLOW ARROW

LANDING AREA - 4' X 4' MIN. 5' X 5' TYPICAL
MAX 2.0%, 1.56% IS PREFERRED SLOPE IN ALL DIRECTIONS

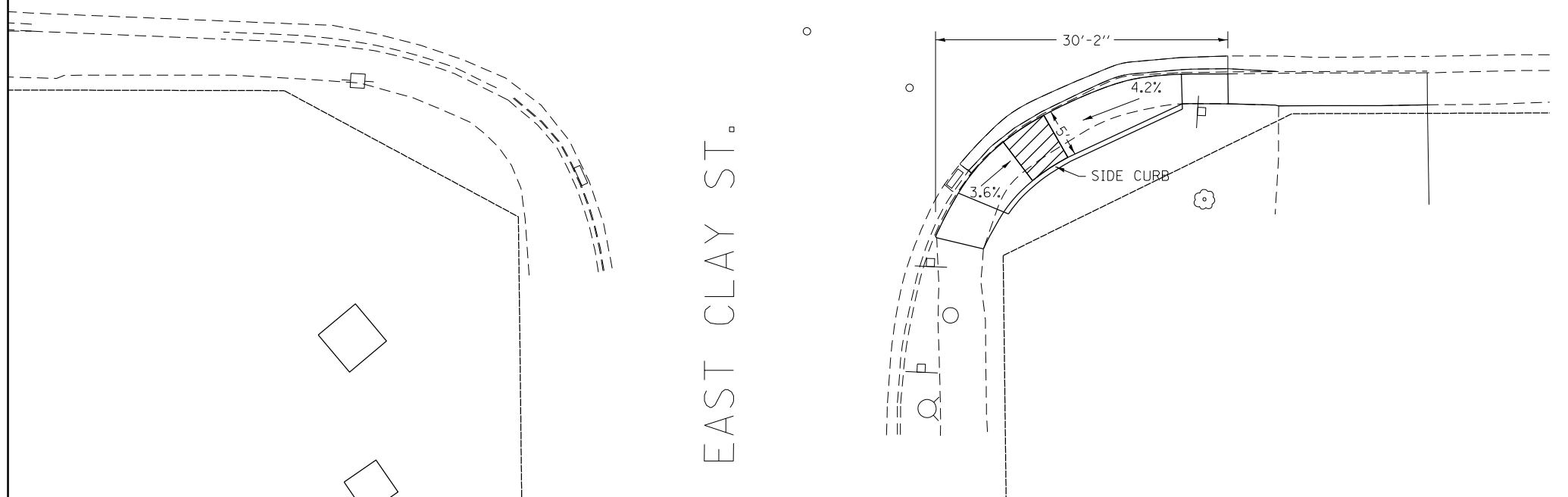
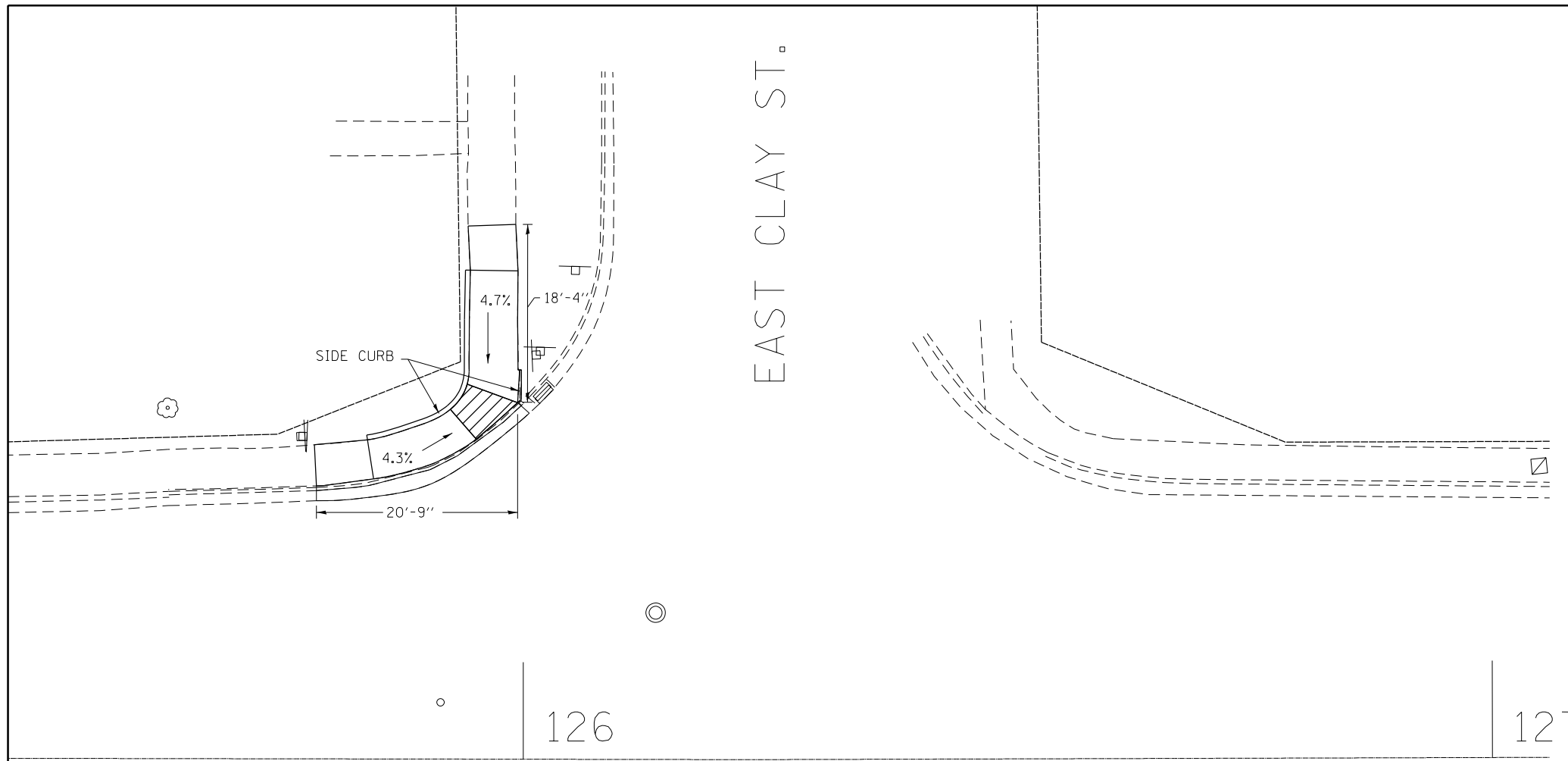
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Default	PLOT SCALE = 15.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAILS
EAST HENDRIX STREET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	42
CONTRACT NO. 74475				
ILLINOIS FED. AID PROJECT				



PAY ITEM	UNIT	QUADRANT	
		SW	NE
SIDEWALK REMOVAL	SQ FT	173.0	110.0
CURB REMOVAL	FT	4.0	
COMB. CONC. CURB & GUTTER REMOVAL	FT	24.0	30.0
COMB. CONC. CURB & GUTTER, TYPE B-6.12	FT	24.0	30.0
PCC SIDEWALK 4"	SQ FT	173.0	140.0
DETECTABLE WARNINGS	SQ FT	10.0	10.0

- NOTES:
- SEE STANDARD 424011 FOR ADDITIONAL INFORMATION.
 - REMOVAL LIMITS ARE TO EXISTING JOINTS.
 - THE COST OF SIDE CURB SHALL BE INCLUDED IN PCC SIDEWALK 4".

→ DRAINAGE FLOW ARROW

LANDING AREA - 4' X 4' MIN. 5' X 5' TYPICAL
MAX 2.0%, 1.56% IS PREFERRED SLOPE IN ALL DIRECTIONS

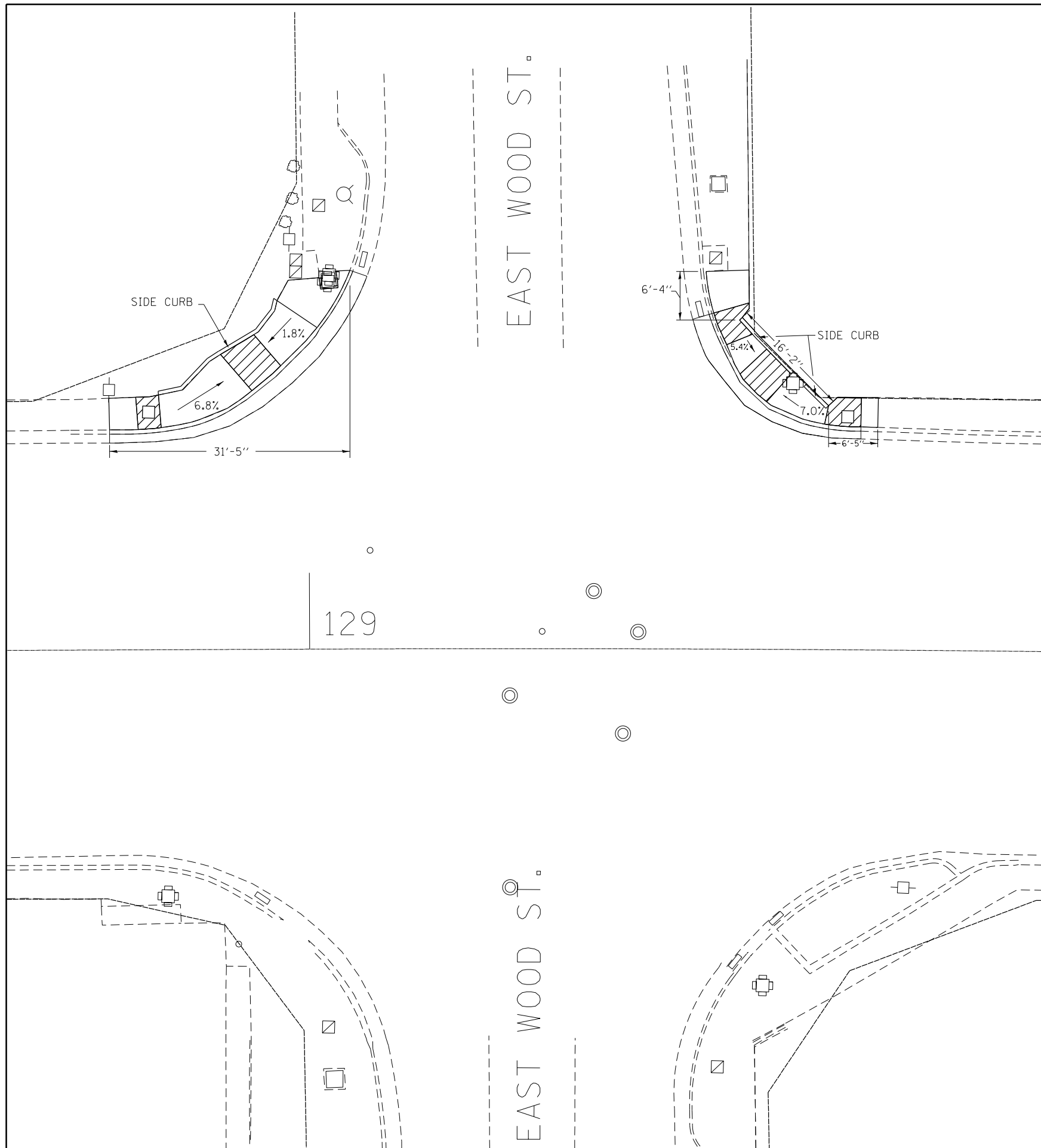
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Default	PLOT SCALE = 15.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAILS
EAST CLAY STREET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	43
CONTRACT NO. 74475				
ILLINOIS FED. AID PROJECT				



PAY ITEM	UNIT	QUADRANT	
		SW	NW
SIDEWALK REMOVAL	SQ FT	183.0	134.0
COMB. CONC. CURB & GUTTER REMOVAL	FT	41.0	28.0
COMB. CONC. CURB & GUTTER, TYPE B-6.12	FT	41.0	
COMB. CONC. CURB & GUTTER, TYPE B-6.24	FT		28.0
PCC SIDEWALK 4"	SQ FT	183.0	134.0
DETECTABLE WARNINGS	SQ FT	10.0	10.0
HANDHOLE TO BE ADJUSTED	EA	1.0	1.0

- NOTES:
- SEE STANDARD 424011 FOR ADDITIONAL INFORMATION.
 - REMOVAL LIMITS ARE TO EXISTING JOINTS.
 - THE COST OF SIDE CURB SHALL BE INCLUDED IN PCC SIDEWALK 4".
- DRAINAGE FLOW ARROW
- LANDING AREA - 4' X 4' MIN. 5' X 5' TYPICAL
MAX 2.0%, 1.56% IS PREFERRED SLOPE IN ALL DIRECTIONS

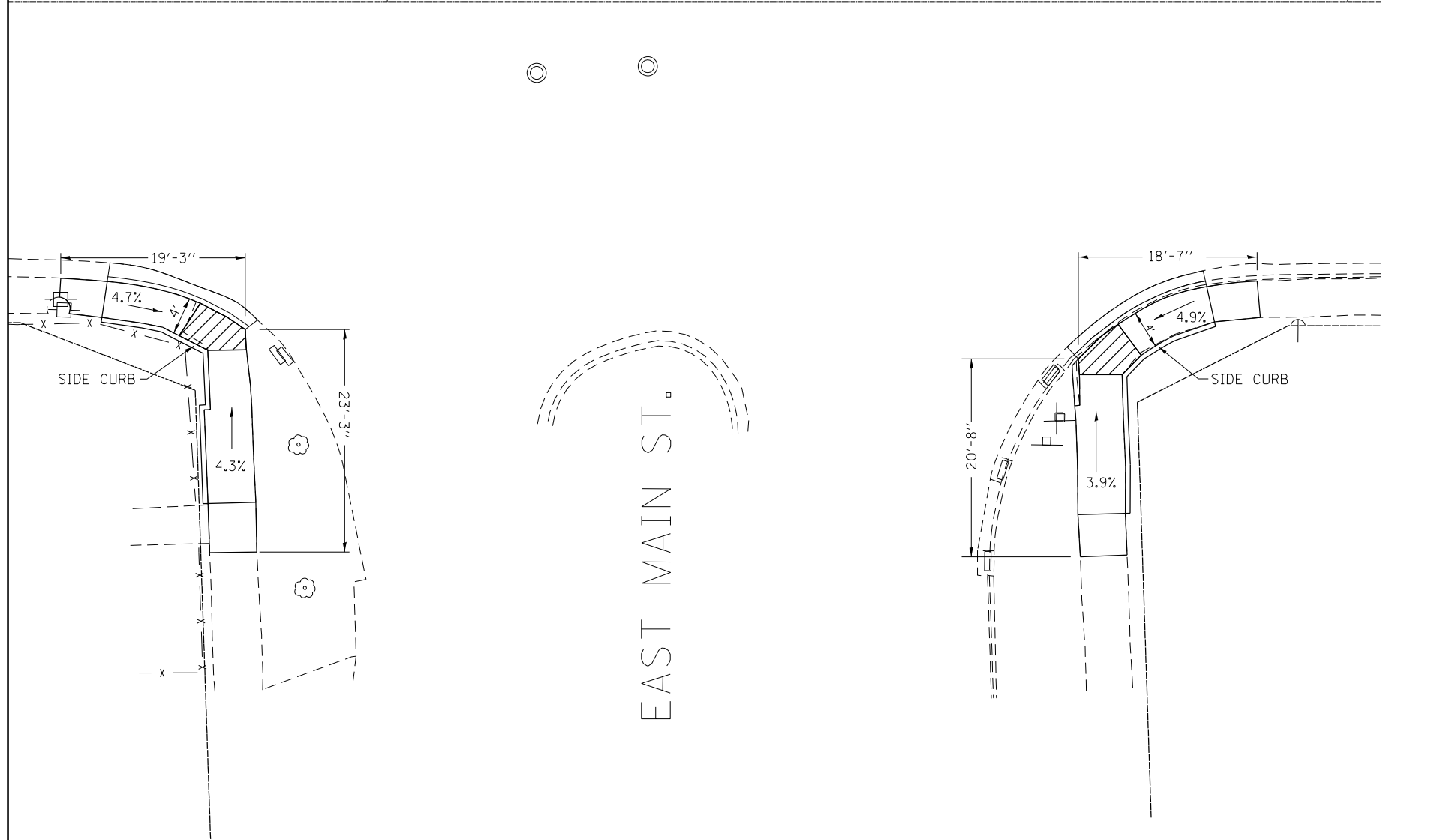
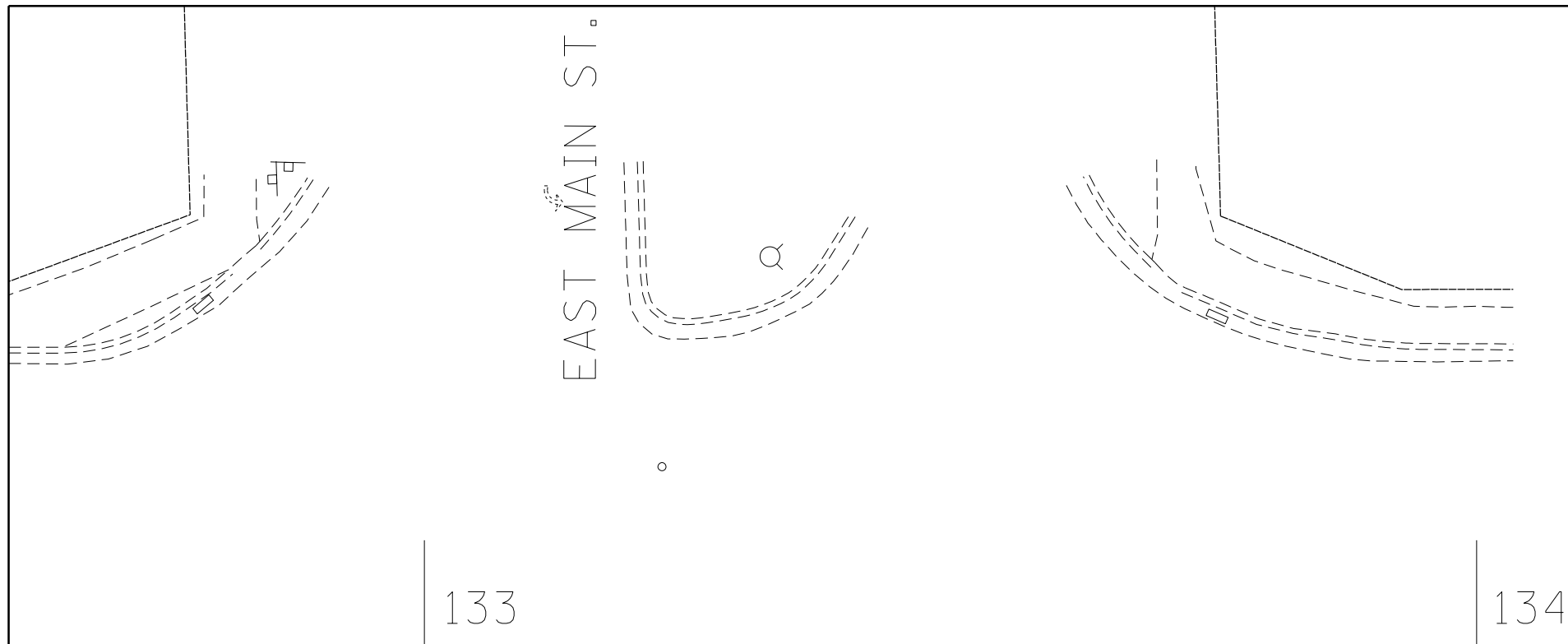
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Default	PLOT SCALE = 15.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAILS
EAST WOOD STREET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	44
CONTRACT NO. 74475				
ILLINOIS FED. AID PROJECT				



PAY ITEM	UNIT	QUADRANT	
		SE	NE
SIDEWALK REMOVAL	SQ FT	156.0	169.0
CURB REMOVAL	FT		5.0
COMB. CONC. CURB & GUTTER REMOVAL	FT	16.0	16.0
COMB. CONC. CURB & GUTTER, TYPE B-6.24	FT	16.0	16.0
PCC SIDEWALK 4"	SQ FT	157.0	170.0
DETECTABLE WARNINGS	SQ FT	10.0	10.0

- NOTES:
- SEE STANDARD 424011 FOR ADDITIONAL INFORMATION.
 - REMOVAL LIMITS ARE TO EXISTING JOINTS.
 - THE COST OF SIDE CURB SHALL BE INCLUDED IN PCC SIDEWALK 4".

→ DRAINAGE FLOW ARROW

LANDING AREA - 4' X 4' MIN, 5' X 5' TYPICAL
MAX 2.0%, 1.56% IS PREFERRED SLOPE IN ALL DIRECTIONS

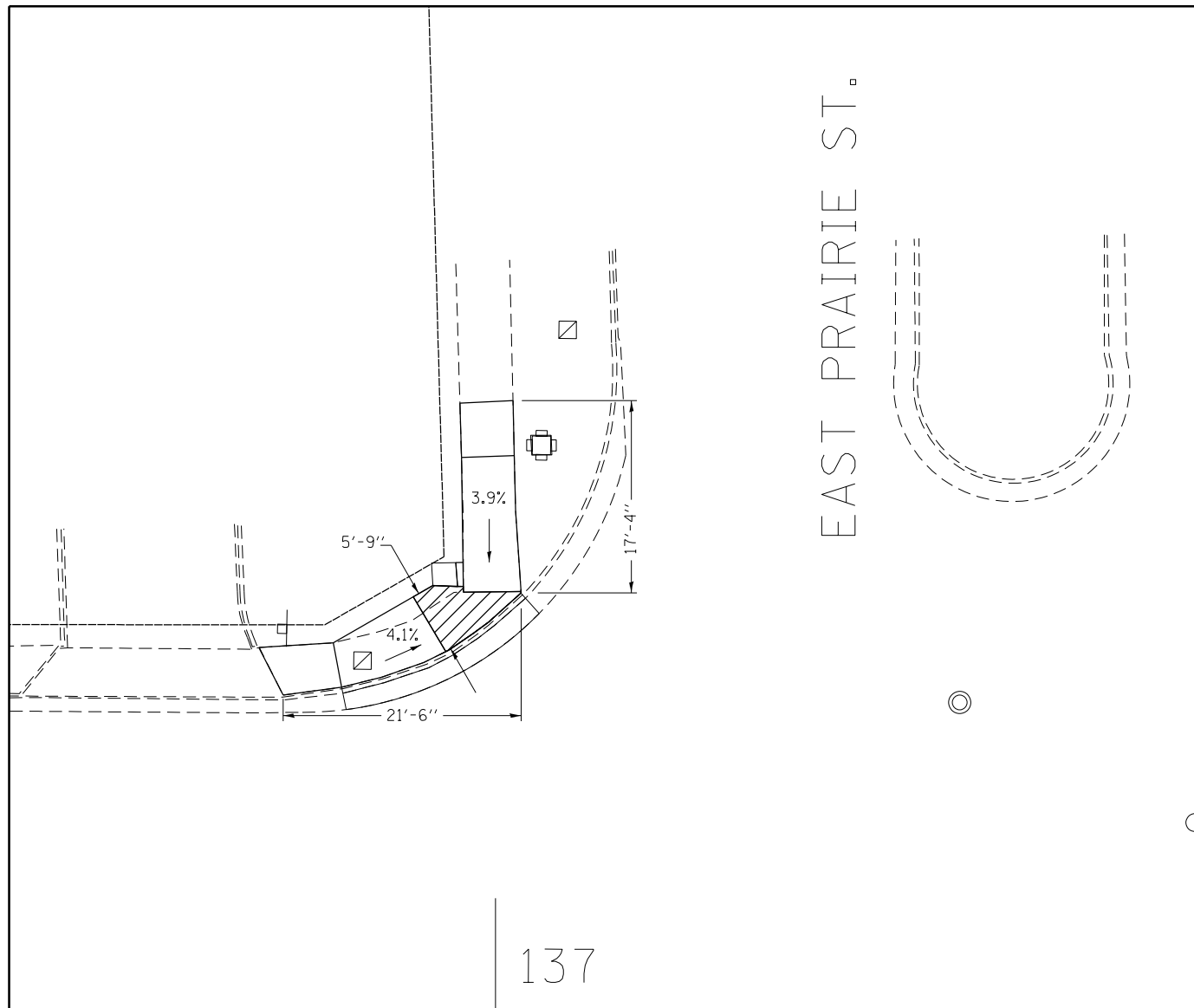
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Default	PLOT SCALE = 15.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAILS
EAST MAIN STREET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	45
CONTRACT NO. 74475				
ILLINOIS FED. AID PROJECT				



EAST PRAIRIE ST.

137

PAY ITEM	UNIT	QUADRANT
		SW
SIDEWALK REMOVAL	SQ FT	171.0
COMB. CONC. CURB & GUTTER REMOVAL	FT	19.0
COMB. CONC. CURB & GUTTER, TYPE B-6. 24	FT	19.0
PCC SIDEWALK 4"	SQ FT	188.0
DETECTABLE WARNINGS	SQ FT	10.0
HANDHOLE TO BE ADJUSTED	EA	1.0

NOTES:

1. SEE STANDARD 424011 FOR ADDITIONAL INFORMATION.
2. REMOVAL LIMITS ARE TO EXISTING JOINTS.
3. THE COST OF SIDE CURB SHALL BE INCLUDED IN PCC SIDEWALK 4".

→ DRAINAGE FLOW ARROW

LANDING AREA - 4' X 4' MIN. 5' X 5' TYPICAL
MAX 2.0%, 1.56% IS PREFERRED SLOPE IN ALL DIRECTIONS

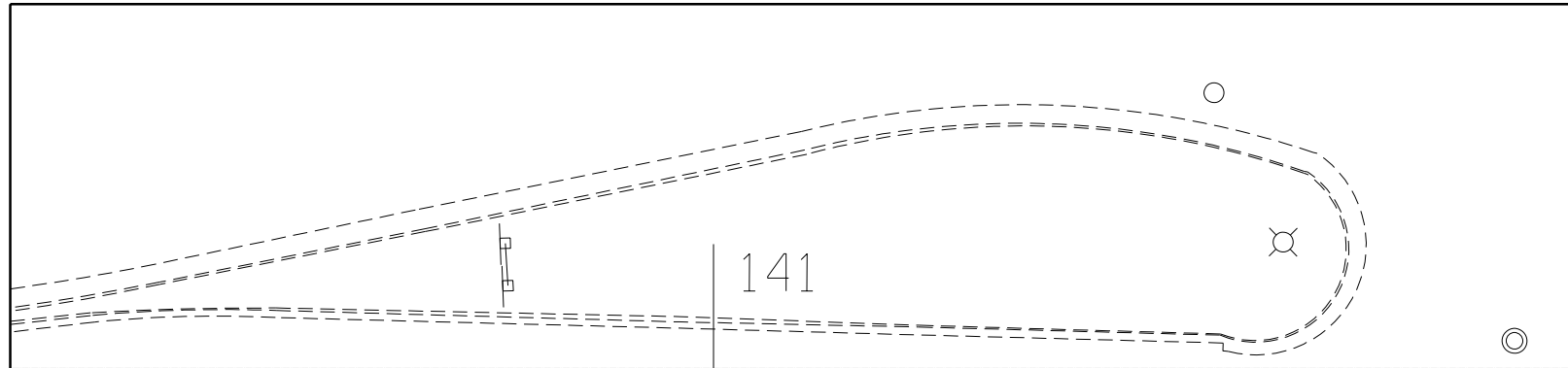
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	PLOT DATE = 4/4/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

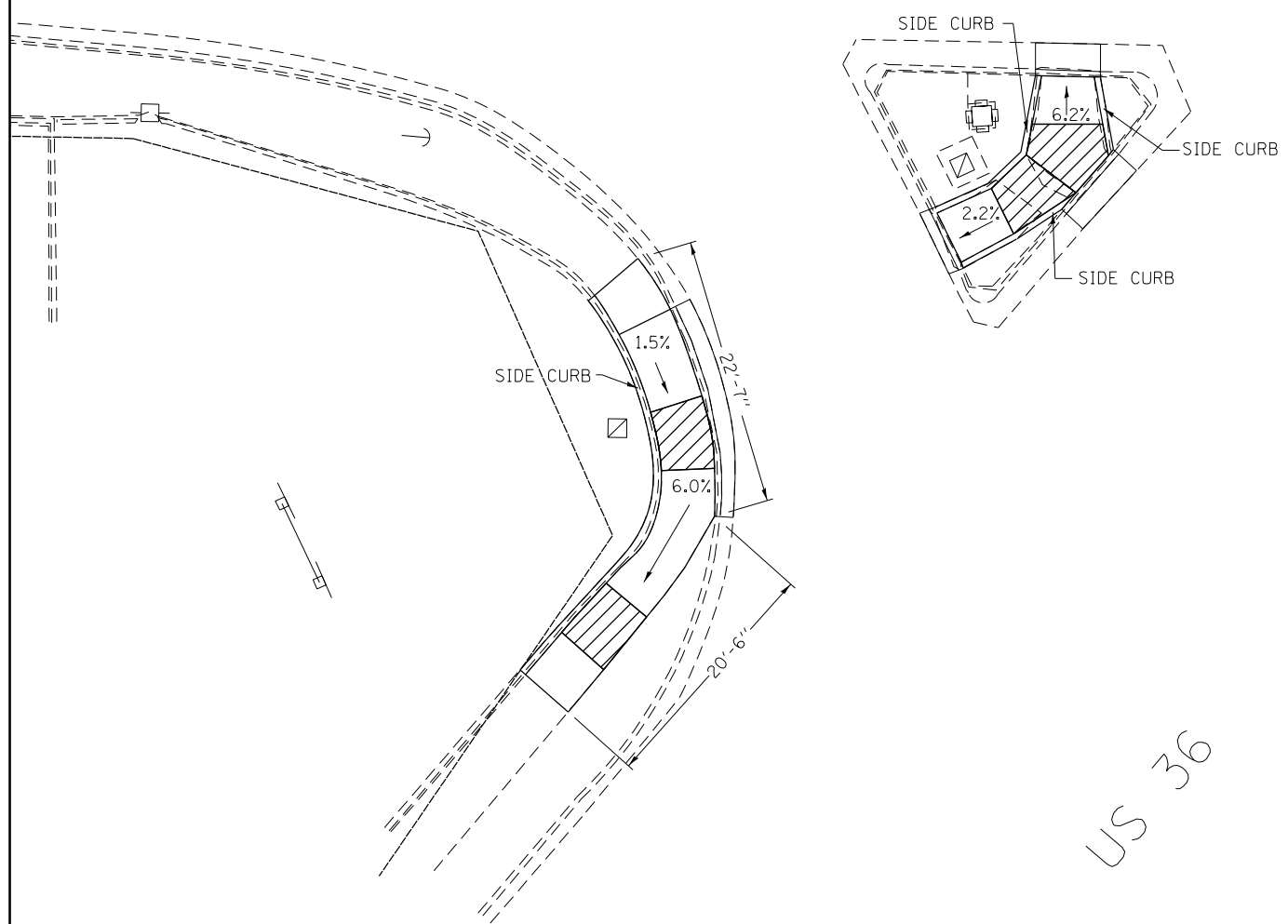
SIDEWALK DETAILS
EAST PRAIRIE STREET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148K/RS-2	Macon	73	46
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74475	



US 36



US 36

PAY ITEM	UNIT	QUADRANT	
		SE	ISLAND
SIDEWALK REMOVAL	SQ FT	183.0	110.0
CURB REMOVAL	FT	32.0	
COMB. CONC. CURB & GUTTER REMOVAL	FT	19.0	18.0
COMB. CONC. CURB & GUTTER, TYPE B-6.24	FT	19.0	18.0
PCC SIDEWALK 4"	SQ FT	183.0	95.0
DETECTABLE WARNINGS	SQ FT	10.0	30.0

NOTES:

1. FOR SE RAMP SEE STANDARD 424011 FOR ADDITIONAL INFORMATION.
2. FOR ISLAND RAMPS SEE STANDARD 424006 FOR ADDITIONAL INFORMATION.
3. REMOVAL LIMITS ARE TO EXISTING JOINTS.
4. THE COST OF SIDE CURB SHALL BE INCLUDED IN PCC SIDEWALK 4".

→ DRAINAGE FLOW ARROW

LANDING AREA - 4' X 4' MIN. 5' X 5' TYPICAL
MAX 2.0%, 1.56% IS PREFERRED SLOPE IN ALL DIRECTIONS

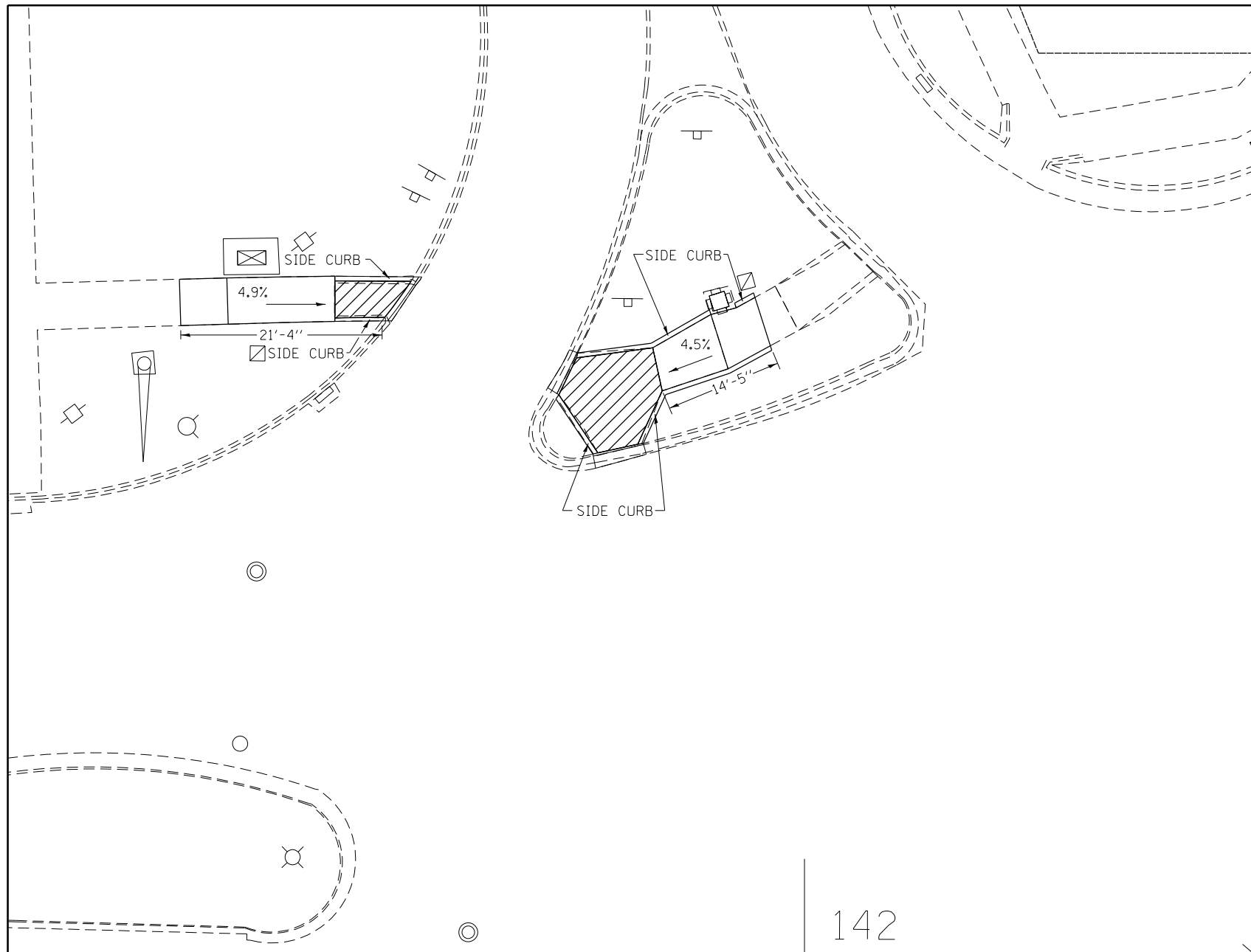
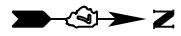
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Default	PLOT SCALE = 15.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/4/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
US 36

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	47
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74475	



US 36

US 36

PAY ITEM	UNIT	QUADRANT	
		SW	ISLAND
SIDEWALK REMOVAL	SQ FT	106.0	202.0
CURB REMOVAL	FT	14.0	
COMB. CONC. CURB & GUTTER REMOVAL	FT	6.0	11.0
COMB. CONC. CURB & GUTTER, TYPE B-6.24	FT	6.0	11.0
PCC SIDEWALK 4"	SQ FT	106.0	151.0
DETECTABLE WARNINGS	SQ FT	10.0	20.0

NOTES:

- SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.
- REMOVAL LIMITS ARE TO EXISTING JOINTS.
- THE COST OF SIDE CURB SHALL BE INCLUDED IN PCC SIDEWALK 4".

→ DRAINAGE FLOW ARROW

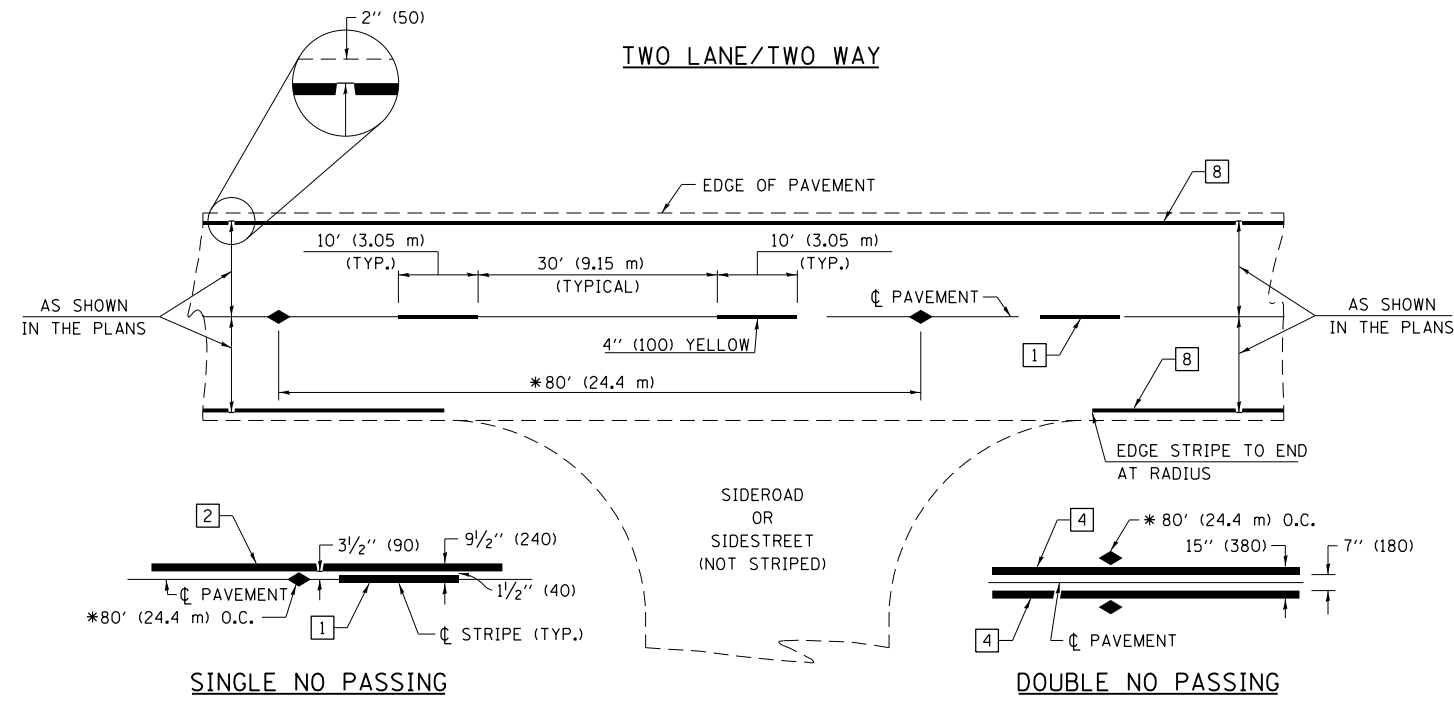
LANDING AREA - 4' X 4' MIN. 5' X 5' TYPICAL
MAX 2.0%, 1.56% IS PREFERRED SLOPE IN ALL DIRECTIONS

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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Default	PLOT SCALE = 15.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK DETAILS			
US 36			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

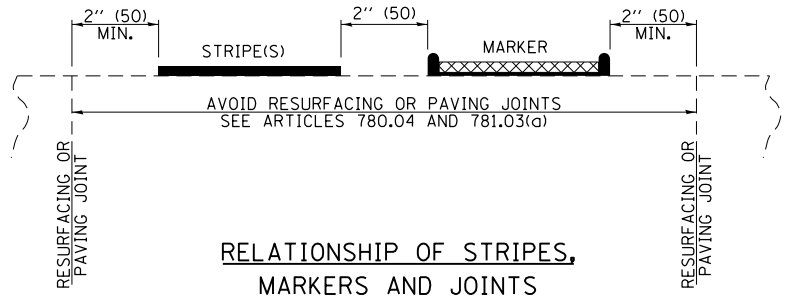
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	48
CONTRACT NO. 74475				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

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

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

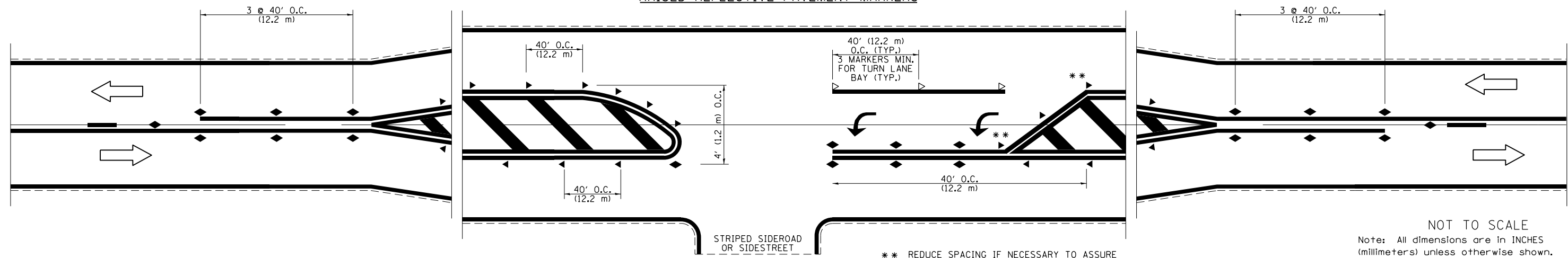


RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

TYPICAL PAVEMENT MARKERS LEGEND

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

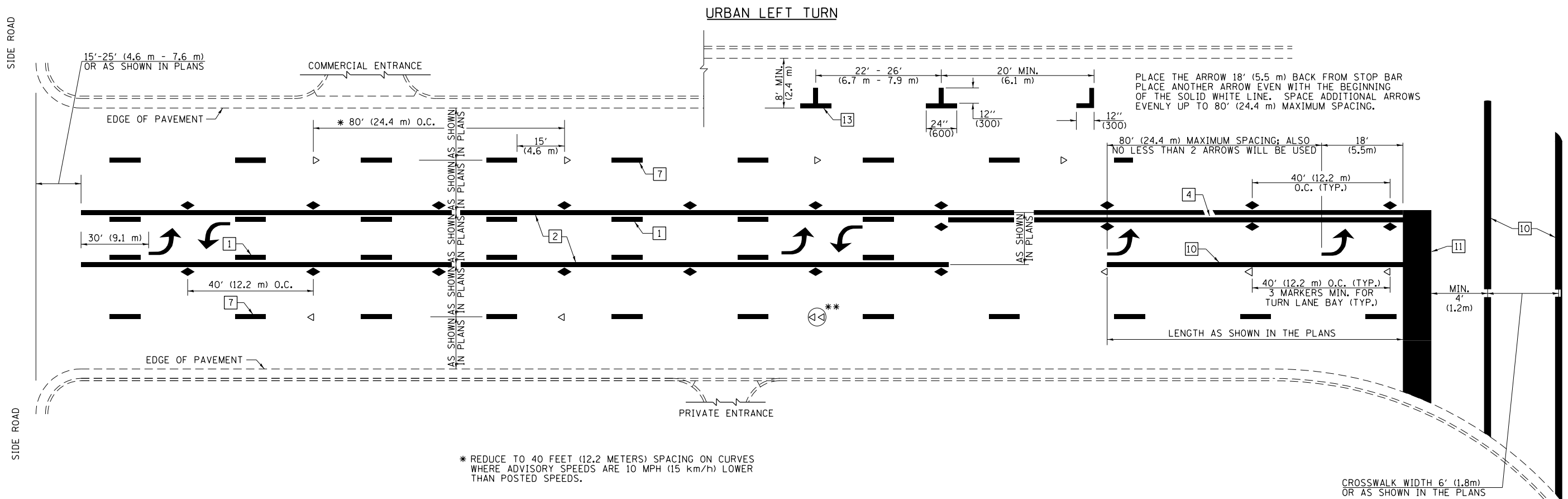
RAISED REFLECTIVE PAVEMENT MARKERS



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

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

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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\p\idot\steffenmk\d0187107\074475-shd-detail1.dgn	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			712	128RS-4,148K/RS-2	Macon	73	49	
	PLOT DATE = 4/4/2014	CHECKED -	REVISED -			CONTRACT NO. 74475					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



PLACE THE 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.

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

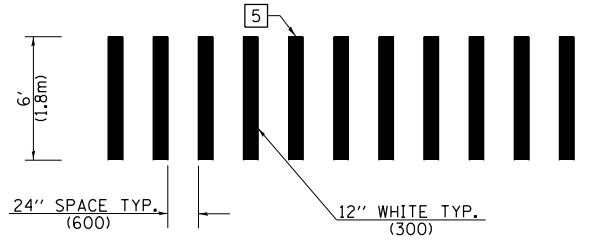
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED
 AND SPACED AS SHOWN IN HIGHWAY STANDARD
 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED
 HIGHWAYS.

PAVEMENT MARKING LEGEND

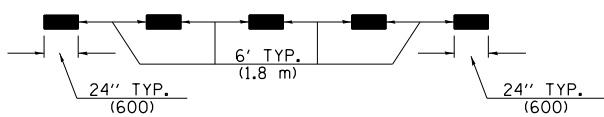
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP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

GENERAL NOTES

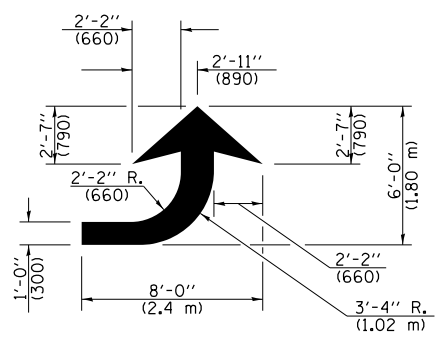
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT 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.



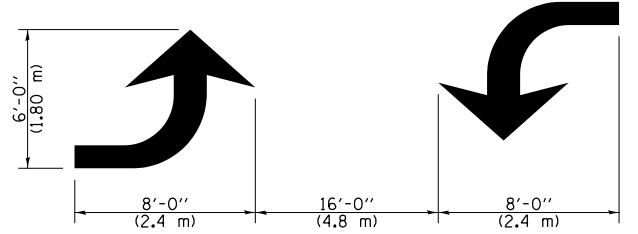
**CROSSWALK DETAIL
 (DECATUR CITY LIMITS ONLY)**



LANE LINE EXTENSIONS



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



**TYPICAL DOUBLE
 TURN ARROWS (WHITE)**

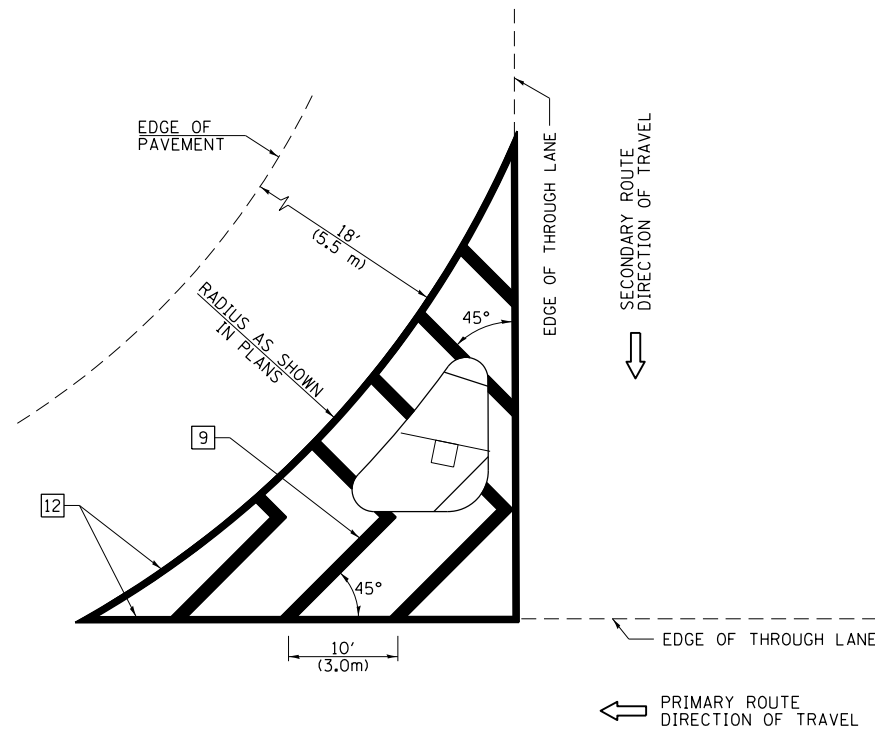
NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 78000001

FILE NAME = c:\pwwork\pwwork\stefenmk\d0187107\074475-shd-detail.dgn	USER NAME = stefenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	712			128RS-4,148KRS-2	Macon	73	50	
PLOT DATE = 4/4/2014	DATE -	REVISED -	CONTRACT NO. 74475							
						ILLINOIS FED. AID PROJECT				

ISLAND

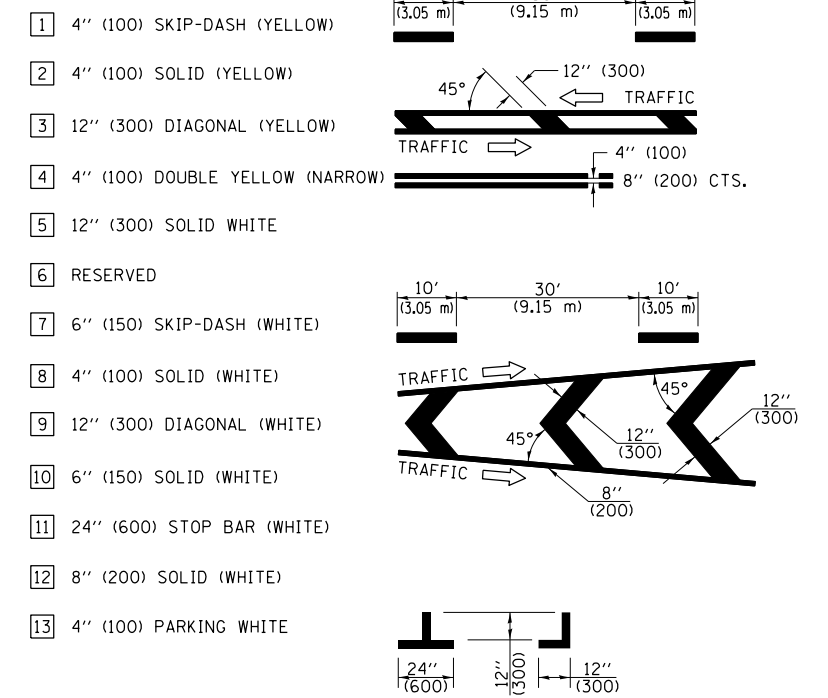


GENERAL NOTES

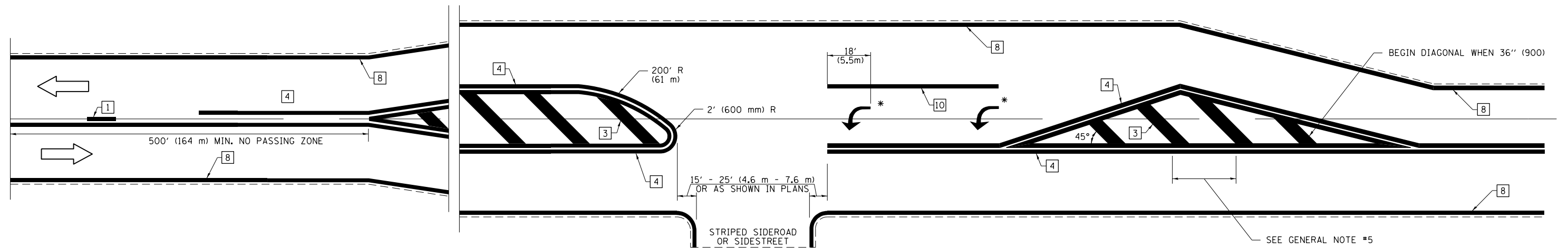
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING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

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT DATE = 4/4/2014	DATE -	REVISED -

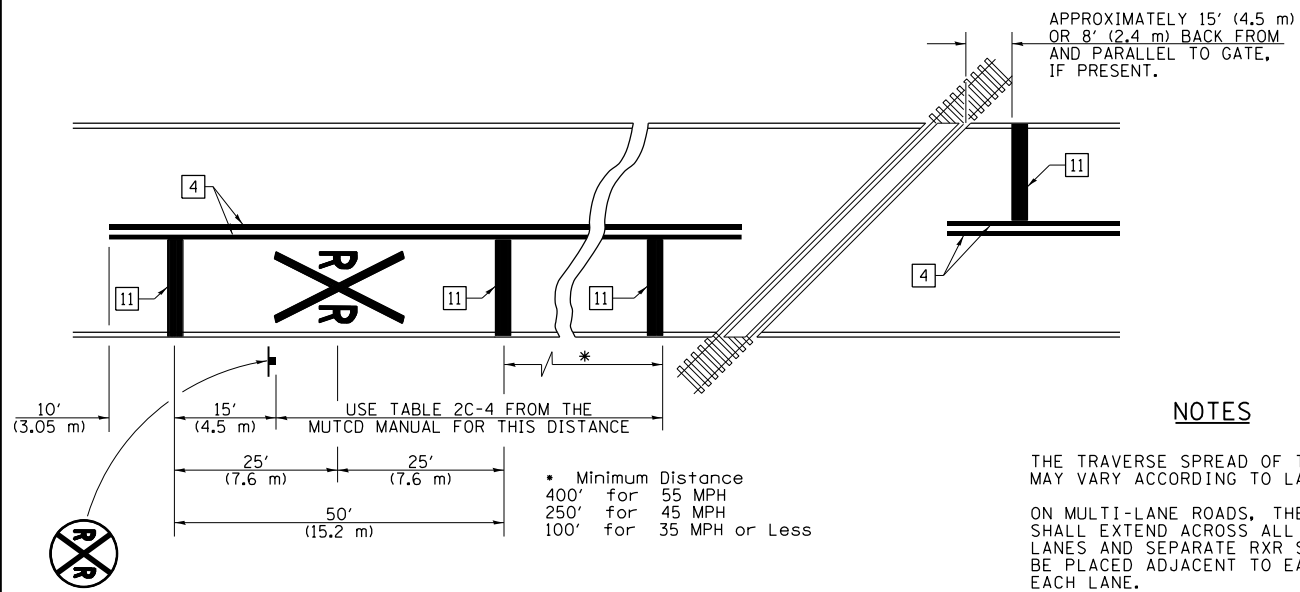
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	51
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

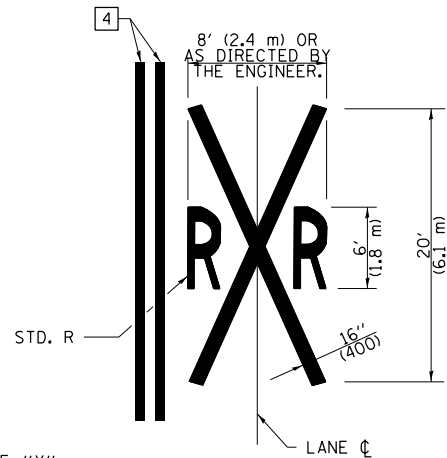


NOTES

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.

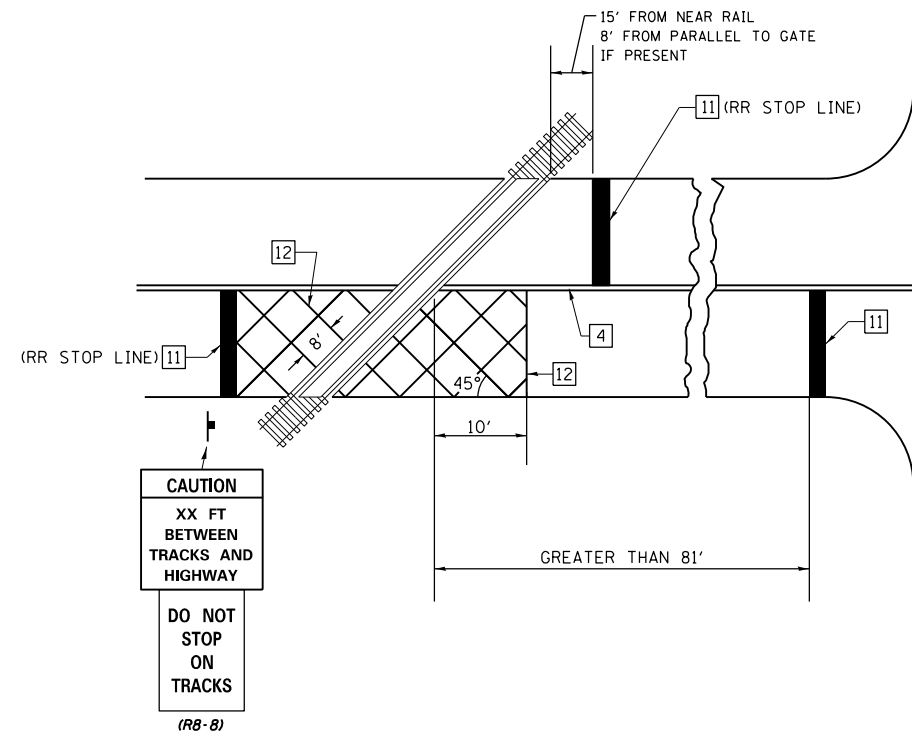
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



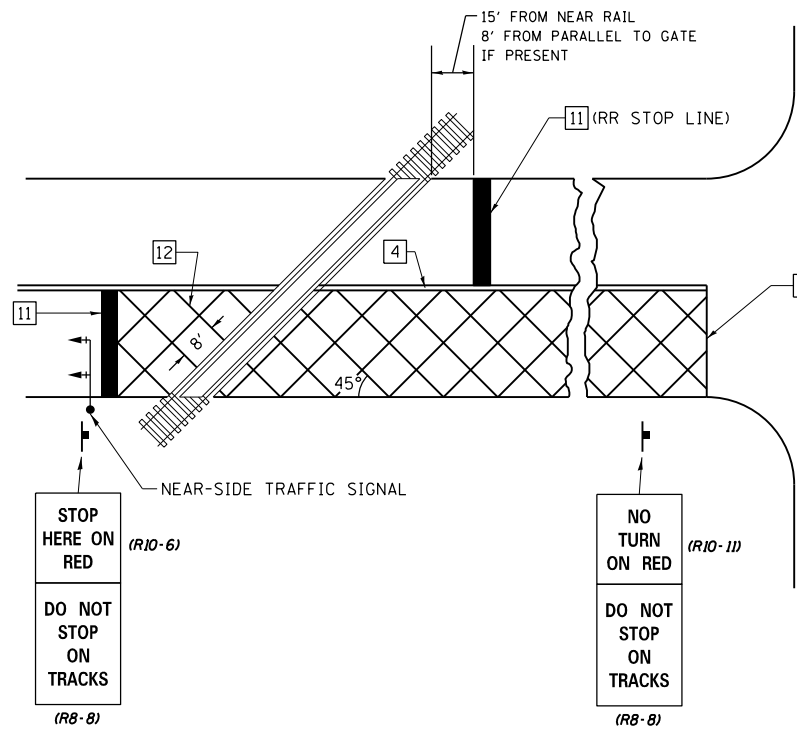
PAVEMENT MARKING LEGEND

- 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.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 4/4/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	12BRS-4,148K/RS-2	Macon	73	52
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	

TRAFFIC SIGNAL GENERAL NOTES

THIS TRAFFIC SIGNAL PORTION OF THIS PROJECT CONSISTS OF TRAFFIC SIGNAL MODERNIZATION AT 5 SEPARATE INTERSECTIONS ON IL 105 (JASPER/SOUTHMORELAND, 16TH/LOST BRIDGE ROAD, EAST RIVERSIDE AVENUE, WOOD STREET AND PRAIRIE STREET) ALL IN THE CITY OF DECATUR, MACON COUNTY. THE WORK INCLUDED IN THIS SECTION CONSISTS OF INSTALLING TRAFFIC SIGNALS AND ALL OTHER WORK NECESSARY TO COMPLETE THIS PORTION OF THIS PROJECT.

THE EXISTING UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CALL J.U.L.I.E. AT 1-800-892-0123. THE TRAFFIC SIGNAL UTILITY LINES WILL BE LOCATED BY IDOT, CALL 217-342-3951.

THE TRAFFIC SIGNAL ENGINEER AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED AT 217-342-8291 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNIT.

THE SIZE OF THE CABLE SUPPLIED SHALL BE EQUAL TO OR GREATER THAN THE SIZE OF THE CABLE REQUIRED TO CARRY THE LOAD BETWEEN THE CONTROLLER AND THE SERVICE INSTALLATION.

THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNALS ARE TURNED ON. THE REPRESENTATIVE SHALL MAKE CERTAIN THAT ALL EQUIPMENT OPERATES TO THE SATISFACTION OF THE ENGINEER.

A 2 FOOT MINIMUM, 6 FOOT DESIRABLE, HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM THE BACK OF CURB TO THE EDGE OF HANDHOLES, JUNCTION BOXES AND SIGNAL POST FOUNDATIONS. A 5 FOOT MINIMUM HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM THE BACK OF THE CURB TO ALL MAST ARM FOUNDATIONS. CONTROLLER FOUNDATIONS SHALL BE LOCATED AS FAR FROM THE BACK OF THE CURB AS POSSIBLE TO PROTECT THE CONTROLLER CABINET.

ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.

ALL THREADS OF BOLTS USED IN ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.

NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FOOT MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.

THE CONTRACTOR IS 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.

THE NUMBER OF CONDUCTORS FOR ELECTRIC CABLES AS SHOWN ON THE PLANS SHALL BE THE MINIMUM NUMBER OF CONDUCTORS FURNISHED FOR EACH LOCATION. THE CONTRACTOR MAY SUBSTITUTE AN ELECTRIC CABLE WITH MORE CONDUCTORS THAN SPECIFIED BUT NO ADDITIONAL COMPENSATION WILL BE MADE FOR THE EXTRA CONDUCTORS.

ALL NEW TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN HANDHOLES WILL NOT BE ALLOWED.

ALL MAST ARM MOUNTED SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE RED INDICATIONS ARE LEVEL WITH EACH OTHER.

ALL MAST ARM MOUNTED SIGNAL HEADS SHALL BE MOUNTED AS TO ALIGN WITH THE CENTER OF THE LANE.

TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED SIGNAL HEAD PAY ITEMS.

ALL TRAFFIC SIGNAL MAST ARM ASSEMBLIES (STANDARD, COMBINATION, OR DUAL) MUST BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL PLANS GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p\dot\steffenmk\d0187107\074475-TS-sht.dgn		DRAWN -	REVISED -			712	128RS-4,148KIRS-2	Macon	73	53
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74475				
	PLOT DATE = 4/4/2014	DATE -	REVISED -			SCALE:	SHEET 1 OF 18 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

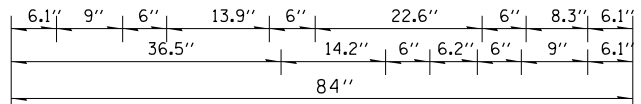
LEGEND		
	Existing	Proposed
SIGNAL POST	○	●
MAST ARM	○—	●—
SIGNAL HEAD W/ BACKPLATE	+▷	+▷
CONTROLLER	⊠	⊠
HANDHOLE	◻	◻
GULFBOX JUNCTION	○	○
DOUBLE HANDHOLE	◻	◻
DETECTOR LOOP	□	□
TRAFFIC SIGNAL HEAD	⊠ R Y G	⊠ R Y G

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

	Jasper/ Southmoreland	S 16th St/ Lost Bridge Rd	Wood St	Prairie St
Pedestrian Signal Head	6	-	8	8
Pedestrian Push-Button	6	-	8	8
Pedestrian Push Button Post	-	-	1	-
Traffic signal Head-3 Section BM	6	4	-	-
Traffic Signal Head-5 Section BM	2	2	1	-
Traffic Signal Head-3 Section MAM	-	6	-	-
Traffic Signal Head-5 Section MAM	-	2	1	-
Traffic Signal Post	6	3	-	-
Traffic Signal Mast Arm	-	4	-	-
Traffic Signal Cabinet, Control & Components	1	1	-	-

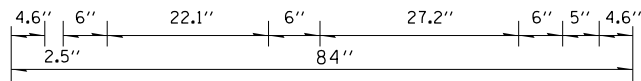


TO BE INSTALLED ON EASTBOUND MAST ARM (STA 158+76 55' RT)



TO BE INSTALLED ON WESTBOUND MAST ARM (STA 157+45 42' LT)

SIGN PANEL DETAILS

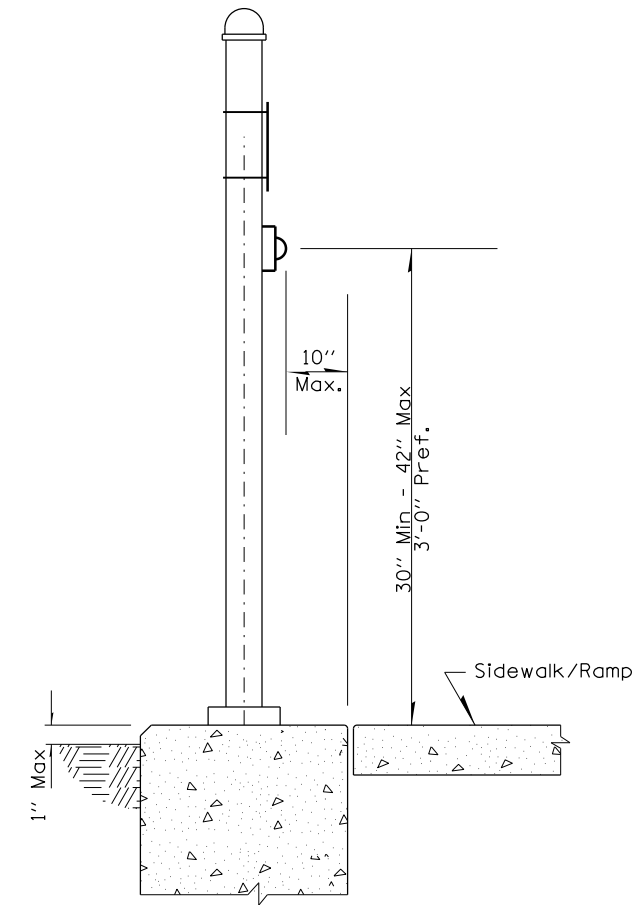


TO BE INSTALLED ON NORTHBOUND MAST ARM (STA 158+49 48' LT)
TO BE INSTALLED ON SOUTHBOUND MAST ARM (STA 157+56 75' RT)

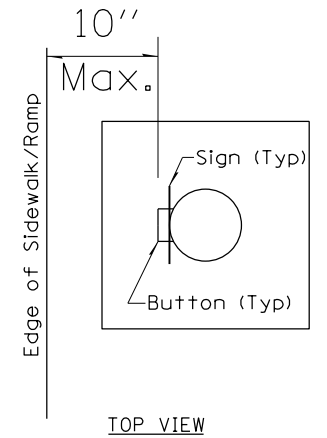
SIGN PANEL DETAILS

- SIGN SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.
- UPPER/LOWER CASE LETTERS, HIGHWAY D.

- SIGN SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.
- UPPER/LOWER CASE LETTERS, HIGHWAY D.



NOTE: PROWAG reach range requirements.



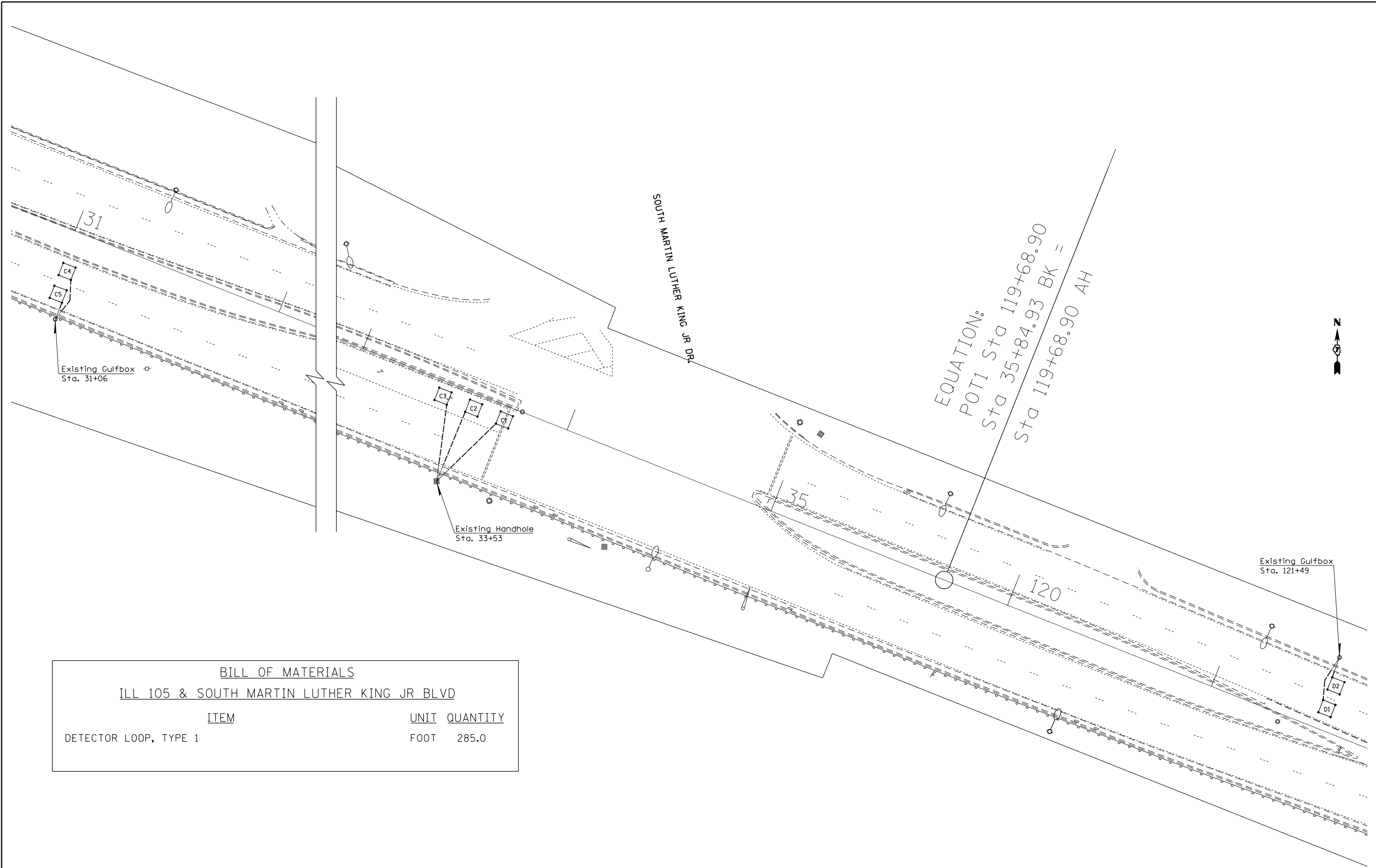
PEDESTRIAN PUSH-BUTTON LOCATION

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS			
TRAFFIC SIGNAL DETAILS			
SCALE:	SHEET 2	OF 18 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148K/RS-2	Macon	73	54
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	



BILL OF MATERIALS			
ILL 105 & SOUTH MARTIN LUTHER KING JR BLVD			
ITEM	UNIT	QUANTITY	
DETECTOR LOOP, TYPE 1	FOOT	285.0	

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	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS
MARTIN LUTHER KING JR. BLVD DETECTOR LOOPS**

SCALE: SHEET 3 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	55
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74475	

IL 105 & SOUTH JASPER STREET/SOUTHMORELAND - BILL OF MATERIALS

ITEM	UNIT	QUANTITY
SERVICE INSTALLATION, TYPE A	EACH	1.0
UNDERGROUND CONDUIT, PVC, 1 1/2 " DIA.	FOOT	31.0
HANDHOLE	EACH	1.0
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	897.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1947.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	893.0
ELECTRIC CABLE IN CONDUIT, LEAD-IN NO. 14 1 PAIR	FOOT	2739.0
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	25.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1042.0
TRAFFIC SIGNAL POST, ALUMINUM 12 FT.	EACH	1.0
TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	2.0
TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	1.0
TRAFFIC SIGNAL POST, ALUMINUM 18 FT.	EACH	2.0
PEDESTRIAN PUSH-BUTTON POST	EACH	5.0
DRILL EXISTING HANDHOLE	EACH	5.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3 SECTION, BRACKET MOUNTED	EACH	1.0
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1.0
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	8.0
INDUCTIVE LOOP DETECTOR	EACH	14.0
DETECTOR LOOP, TYPE 1	FOOT	1592.0
PEDESTRIAN PUSH-BUTTON	EACH	6.0
MODIFY EXISTING CONCRETE FOUNDATION	EACH	1.0
REMOVE EXISTING CABLE FROM CONDUIT	FOOT	5263.0
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0
REMOVE ELECTRIC SERVICE	EACH	1.0

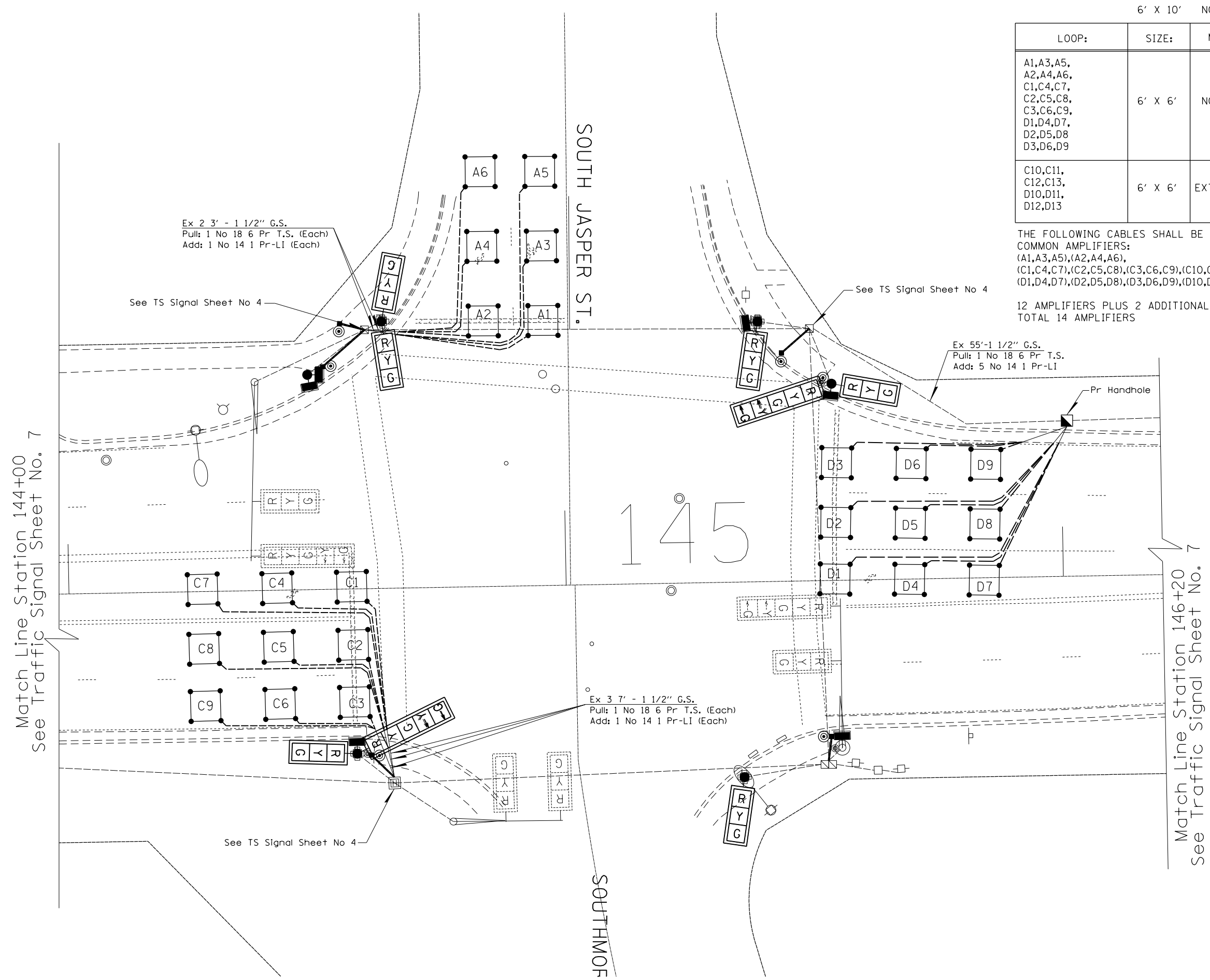
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c:\pw\work\p\dot\steffenmk\d0187107\074475-TS-sht.dgn	DRAWN -	REVISED -	712			128RS-4,148KRS-2	Macon	73	56	
Default	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 74475				
	PLOT DATE = 4/4/2014	DATE -	REVISED -			SCALE:	SHEET 4 OF 18 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

6' X 10' NORMAL NO 0

LOOP:	SIZE:	MODE:	QUADRA-POLE:	DELAY:
A1,A3,A5, A2,A4,A6, C1,C4,C7, C2,C5,C8, C3,C6,C9, D1,D4,D7, D2,D5,D8 D3,D6,D9	6' X 6'	NORMAL	NO	0
C10,C11, C12,C13, D10,D11, D12,D13	6' X 6'	EXTENDED	NO	0

THE FOLLOWING CABLES SHALL BE WIRED TO COMMON AMPLIFIERS:
(A1,A3,A5),(A2,A4,A6),
(C1,C4,C7),(C2,C5,C8),(C3,C6,C9),(C10,C11),(C12,C13),
(D1,D4,D7),(D2,D5,D8),(D3,D6,D9),(D10,D11),(D12,D13)

12 AMPLIFIERS PLUS 2 ADDITIONAL
TOTAL 14 AMPLIFIERS



Ex 2 3' - 1 1/2" G.S.
Pull: 1 No 18 6 Pr T.S. (Each)
Add: 1 No 14 1 Pr-LI (Each)

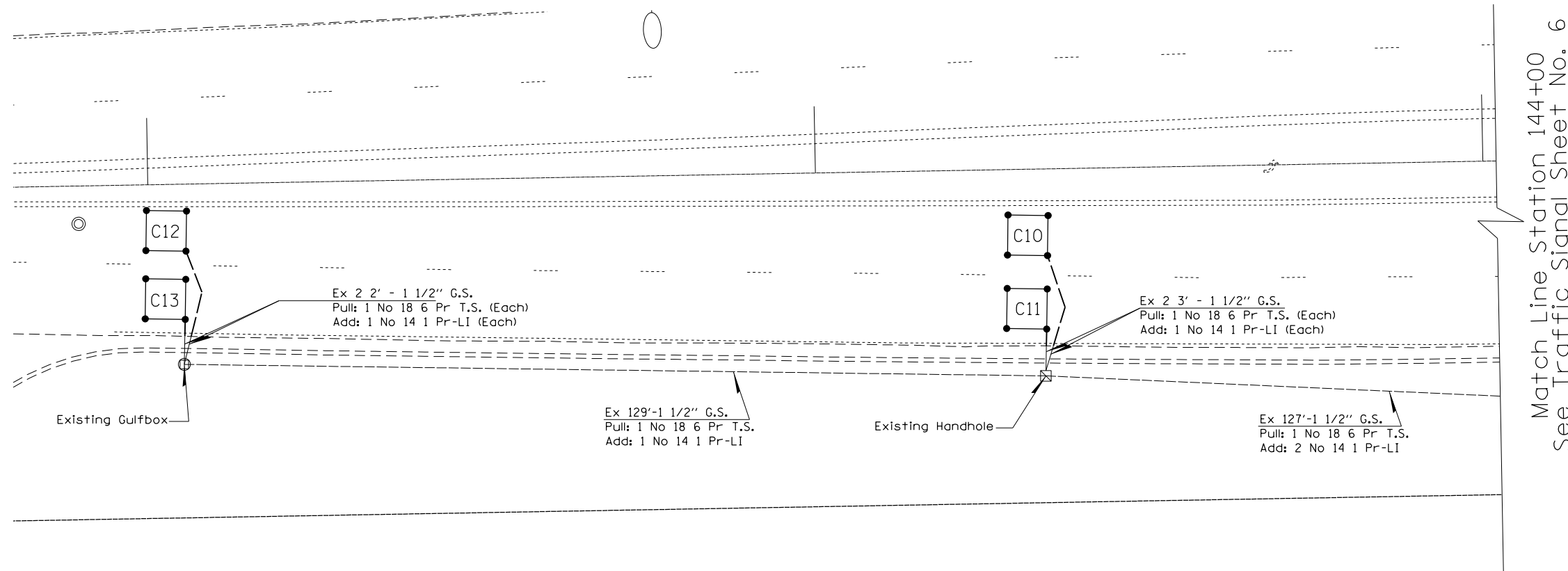
Ex 55'-1 1/2" G.S.
Pull: 1 No 18 6 Pr T.S.
Add: 5 No 14 1 Pr-LI

Ex 3 7' - 1 1/2" G.S.
Pull: 1 No 18 6 Pr T.S. (Each)
Add: 1 No 14 1 Pr-LI (Each)

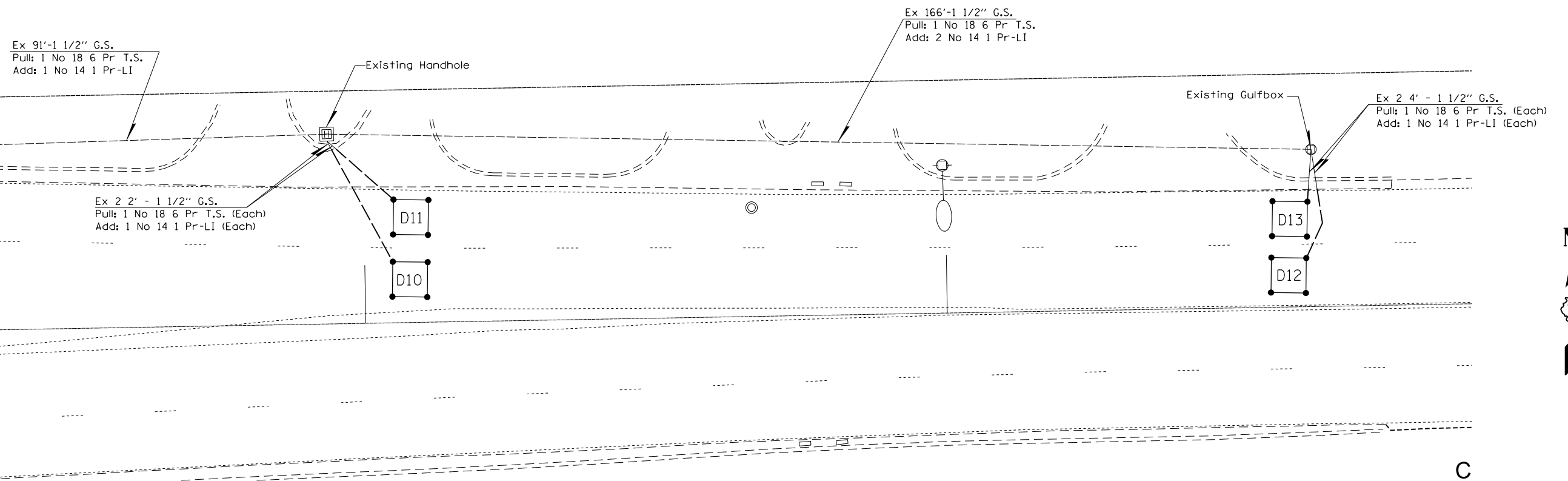
Match Line Station 144+00
See Traffic Signal Sheet No. 7

Match Line Station 146+20
See Traffic Signal Sheet No. 7





Match Line Station 146+20
See Traffic Signal Sheet No. 6



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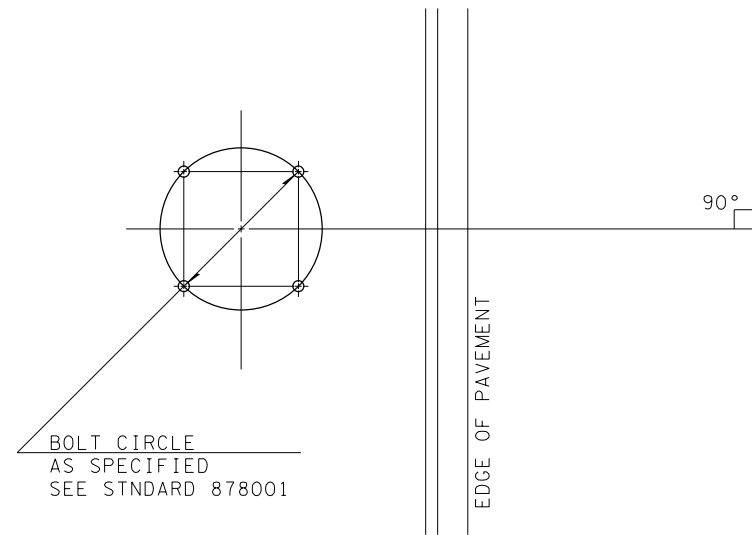
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
INTERSECTION OF JASPER/SOUTH MORELAND-DETECTOR LOOPS

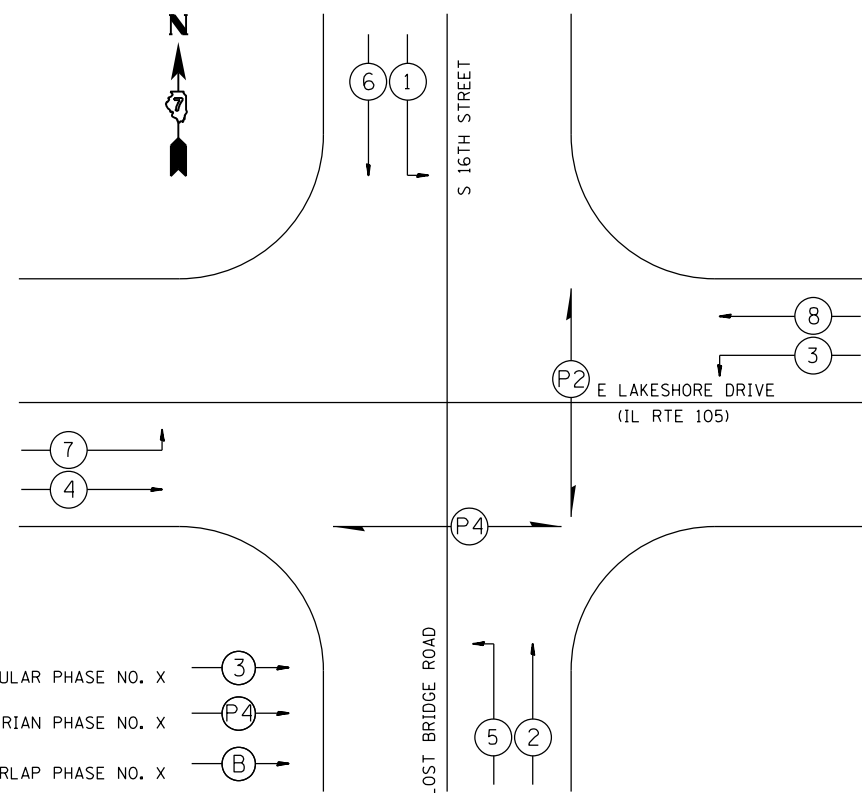
SCALE: SHEET 7 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148K/RS-2	Macon	73	59
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74475	

IL 105 & SOUTH 16TH STREET/LOST BRIDGE ROAD - BILL OF MATERIALS



DETAIL OF MAST ARM FOUNDATION
BOLT PATTERN



PHASE DESIGNATION DIAGRAM

ITEM	UNIT	QUANTITY
SIGN PANEL-TYPE 2	SQ FT	70.0
SERVICE INSTALLATION, TYPE A	EACH	1.0
UNDERGROUND CONDUIT, PVC, 3/4 " DIA.	FOOT	165.0
UNDERGROUND CONDUIT, PVC, 1 1/2 " DIA.	FOOT	646.0
UNDERGROUND CONDUIT, PVC 2" DIA.	FOOT	210.0
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	355.0
HANDHOLE	EACH	4.0
DOUBLE HANDHOLE	EACH	1.0
GULFBOX JUNCTION	EACH	4.0
PAINT NEW TRAFFIC SIGNAL POST	EACH	2.0
PAINT NEW MAST ARM AND POLE, 40 FOOT AND OVER	EACH	1.0
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	366.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2121.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1471.0
ELECTRIC CABLE IN CONDUIT, LEAD-IN NO. 14 1 PAIR	FOOT	3580.0
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	30.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	650.0
TRAFFIC SIGNAL POST, PAINTED STEEL 16 FT	EACH	1.0
TRAFFIC SIGNAL POST, ALUMINUM 12 FT.	EACH	1.0
TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	2.0
PEDESTRIAN PUSH-BUTTON POST	EACH	2.0
STEEL MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	2.0
STEEL MAST ARM ASSEMBLY AND POLE 50 FT	EACH	2.0
CONCRETE FOUNDATION, TYPE A	FOOT	15.0
CONCRETE FOUNDATION, TYPE D	FOOT	3.5
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	56.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4.0
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	4.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1.0
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	18.0
INDUCTIVE LOOP DETECTOR	EACH	18.0
DETECTOR LOOP, TYPE 1	FOOT	1973.0
PEDESTRIAN PUSH-BUTTON	EACH	4.0
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0
REMOVE EXISTING HANDHOLE	EACH	4.0
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1.0
REMOVE EXISTING CONCRETE FOUNDATION	EACH	8.0
REMOVE ELECTRIC SERVICE	EACH	1.0

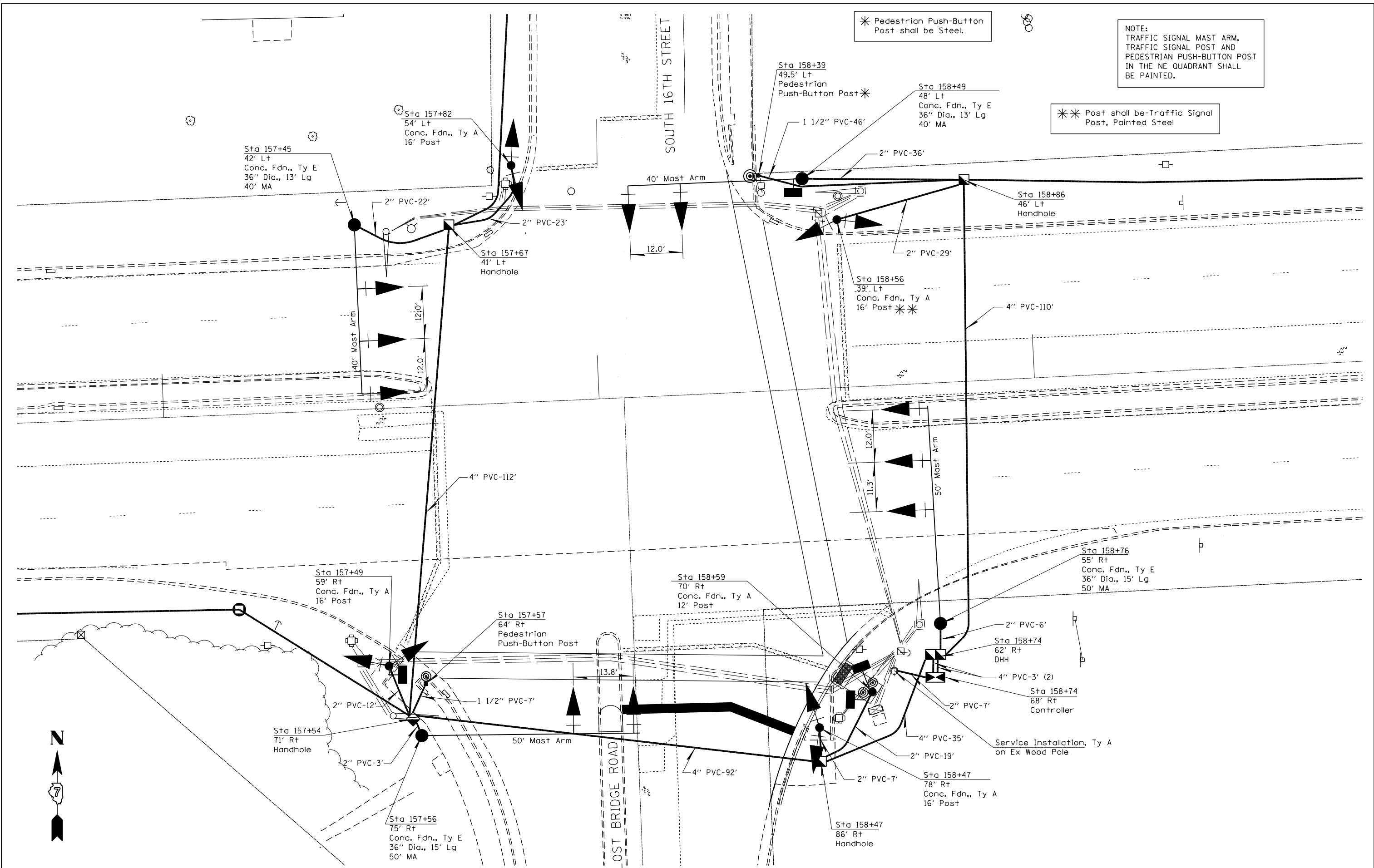
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
INTERSECTION OF LOST BRIDGE-BILL OF MATERIALS/DETAILS

SCALE: SHEET 8 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148K/RS-2	Macon	73	60
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	



* Pedestrian Push-Button Post shall be Steel.

NOTE:
TRAFFIC SIGNAL MAST ARM,
TRAFFIC SIGNAL POST AND
PEDESTRIAN PUSH-BUTTON POST
IN THE NE QUADRANT SHALL
BE PAINTED.

** Post shall be Traffic Signal Post, Painted Steel



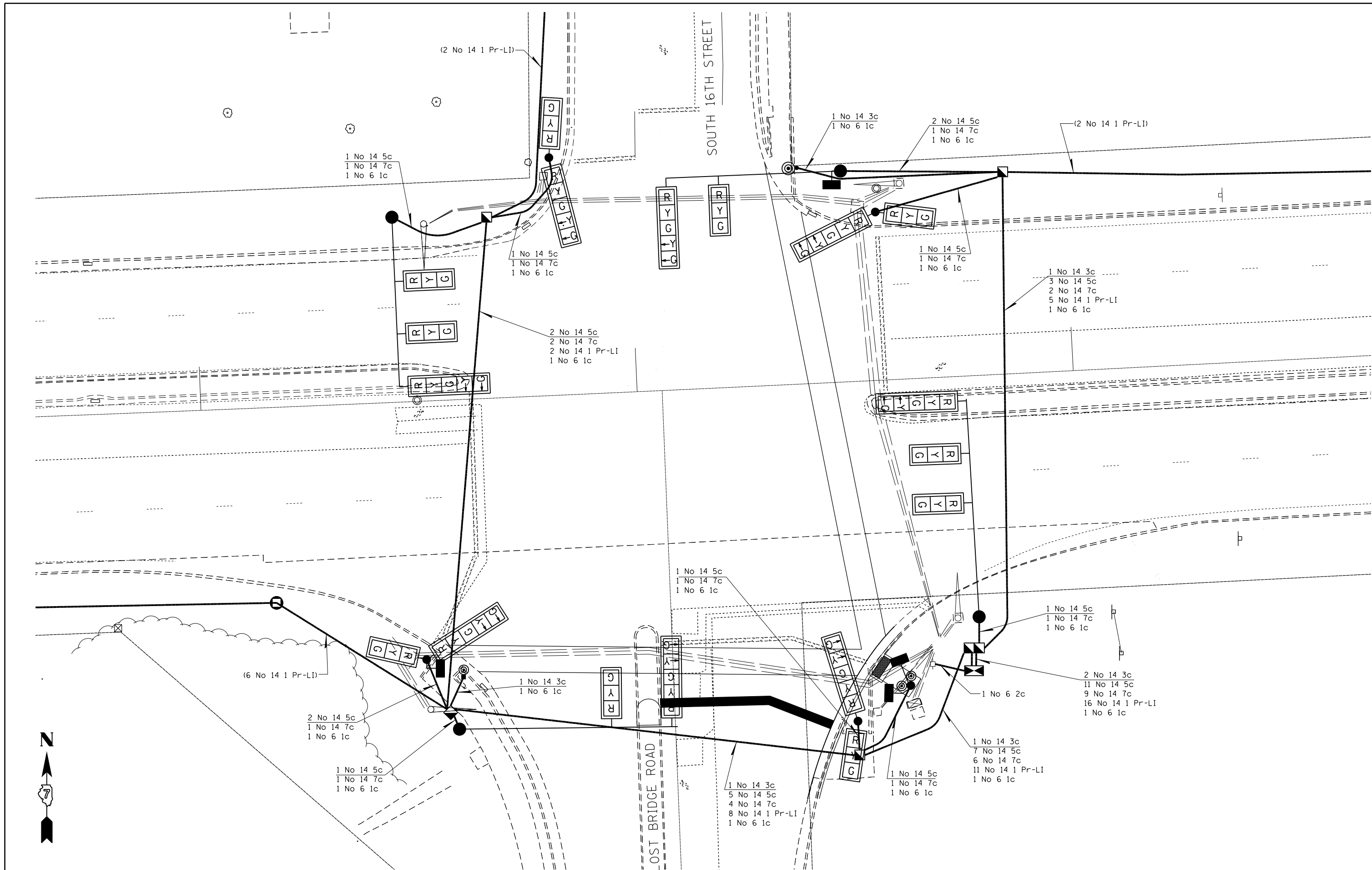
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	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS
INTERSECTION OF LOST BRIDGE-SIGNALS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	61
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	

SCALE: SHEET 9 OF 18 SHEETS STA. TO STA.



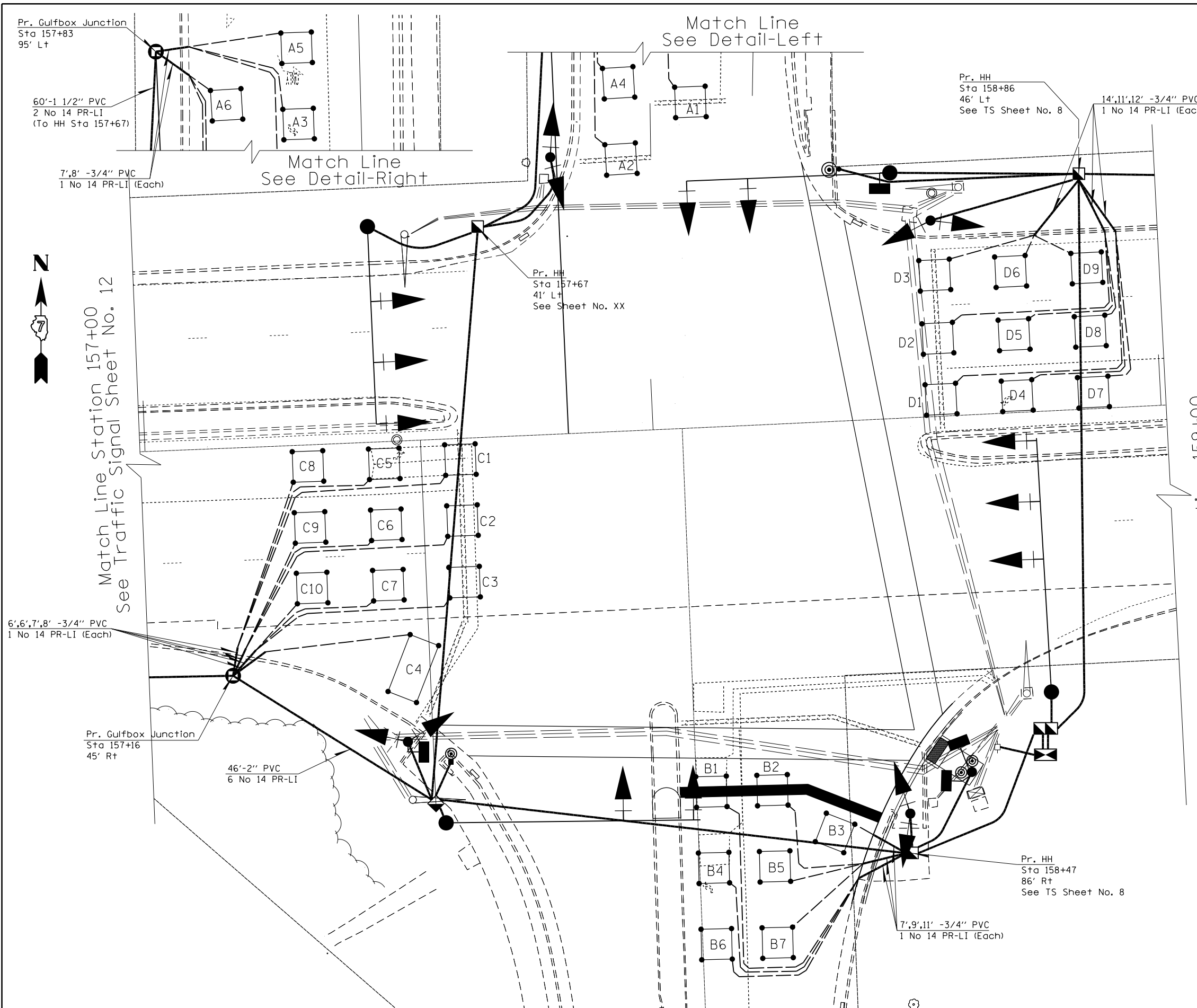
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	PLOT DATE = 4/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS
INTERSECTION OF LOST BRIDGE-CABLES**

SCALE: SHEET 10 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148K/RS-2	Macon	73	62
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74475	



LOOP:	SIZE:	MODE:	QUADRA-POLE:	DELAY:
A1,A3,A5, A2,A4,A6, B1,B4,B6, B2,B5,B7, C1,C5,C8, C2,C6,C9, C3,C7,C10, D1,D4,D7, D2,D5,D8 D3,D6,D9	6' X 6'	NORMAL	NO	0
C11, C12,C13, D10, D11,D12	6' X 6'	EXTENDED	NO	0
B3, C4	6' X 6' 6' X 12'	DELAY	NO	15

THE FOLLOWING CABLES SHALL BE WIRED TO COMMON AMPLIFIERS:
 (A1,A3,A5),(A2,A4,A6),
 (B1,B4,B6),(B2,B5,B7),(B3),
 (C1,C5,C8),(C2,C6,C9),
 (C3,C7,C10),(C4),(C11),(C12,C13),
 (D1,D4,D7),(D2,D5,D8),
 (D3,D6,D9),(D10),(D11,D12)

16 AMPLIFIERS PLUS 2 ADDITIONAL
 TOTAL 18 AMPLIFIERS

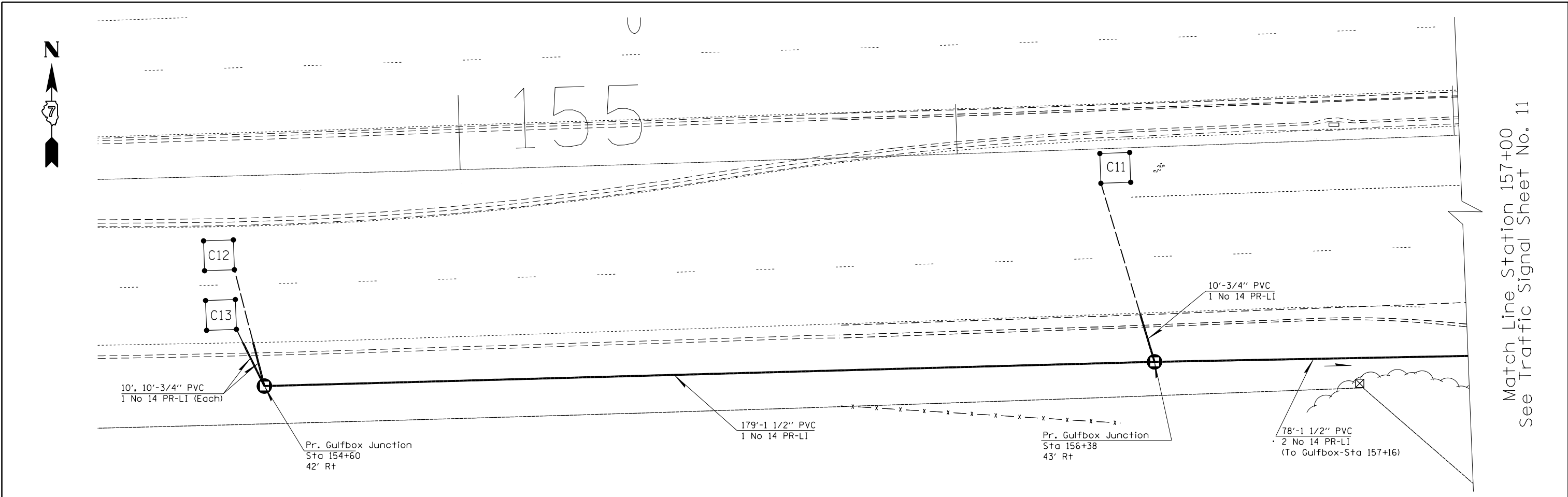
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	PLOT DATE = 4/4/2014		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

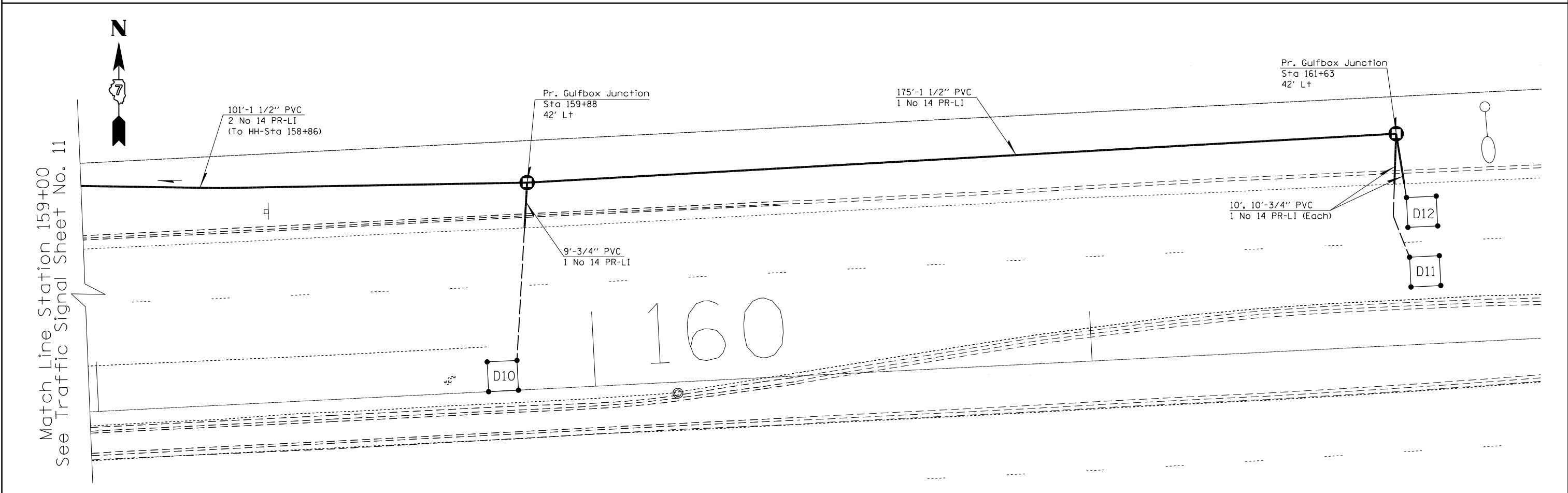
**TRAFFIC SIGNAL PLANS
 INTERSECTION OF LOST BRIDGE-DETECTOR LOOPS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	63
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	

SCALE: SHEET 11 OF 18 SHEETS STA. TO STA.



Match Line Station 157+00
See Traffic Signal Sheet No. 11

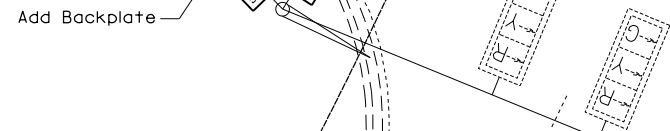
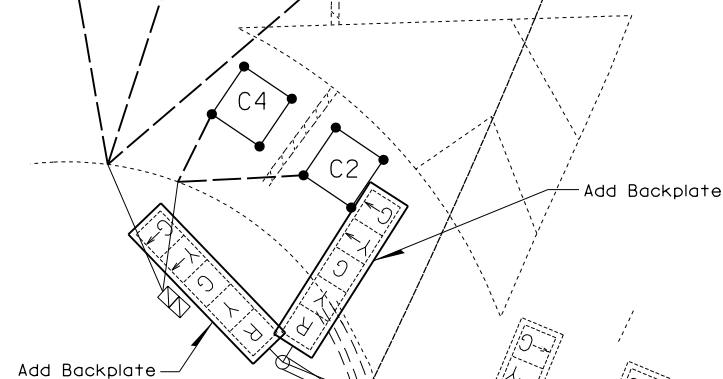
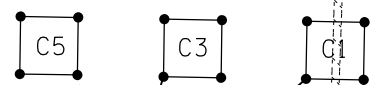


Match Line Station 159+00
See Traffic Signal Sheet No. 11

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	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET 12 OF 18 SHEETS	STA. TO STA.	712	128RS-4,148K/RS-2	Macon	73
Default	PLOT DATE = 4/4/2014	DATE -	REVISED -					CONTRACT NO. 74475		ILLINOIS FED. AID PROJECT	



EAST RIVERSIDE AVE



Match Line
See Traffic Signal Sheet No. 14

Add Backplate

Add Backplate

Relocate Ex.
Traffic Signal
Head

Pr 3 Section
Traffic Signal
Head MAM

Add Backplate

Pr 3 Section
Traffic Signal
Head MAM

Add Backplate

Add Backplate

Match Line
See Traffic Signal Sheet No. 14

180

BILL OF MATERIALS		
ILL 105 & EAST RIVERSIDE AVENUE		
ITEM	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 5C	FOOT	40.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2.0
TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	8.0
DETECTOR LOOP, TYPE 1	FOOT	729.0
RELOCATE EXISTING SIGNAL HEAD	EACH	1.0

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	PLOT DATE = 4/4/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
INTERSECTION OF EAST RIVERSIDE AVENUE & DETECTOR LOOPS

SCALE: SHEET 13 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148K/RS-2	Macon	73	65
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	

DETECTOR LOOPS-NORTH



Existing Gulfbox
Sta. 184+14

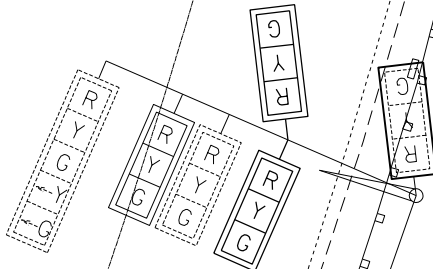
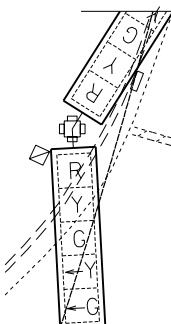
A4 A3

184

183

A2 A1

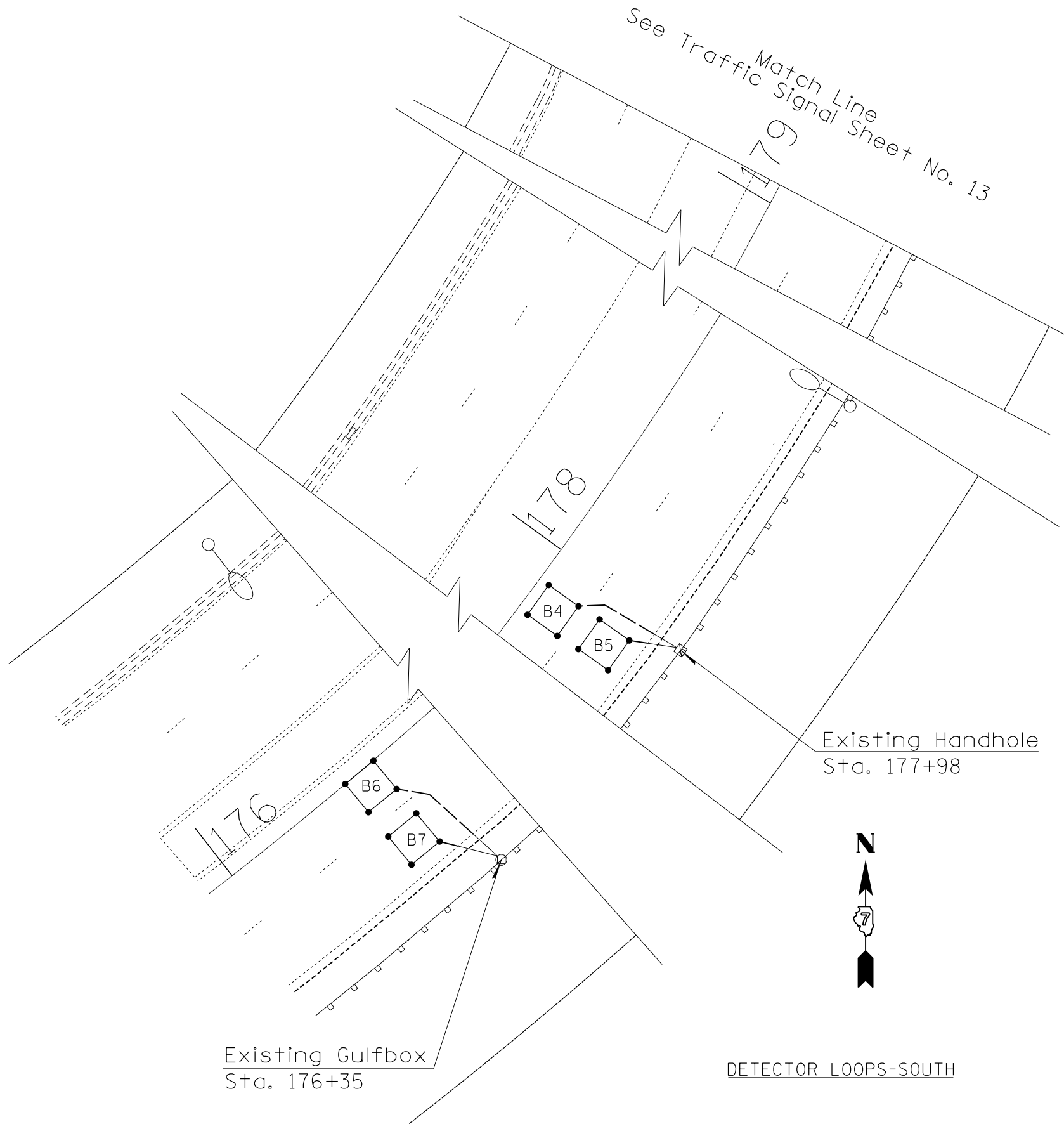
Existing Handhole
Sta. 182+77



180

Match Line
See Traffic Signal Sheet No. 13

See Traffic Signal Sheet No. 13
Match Line



Existing Handhole
Sta. 177+98



Existing Gulfbox
Sta. 176+35

DETECTOR LOOPS-SOUTH

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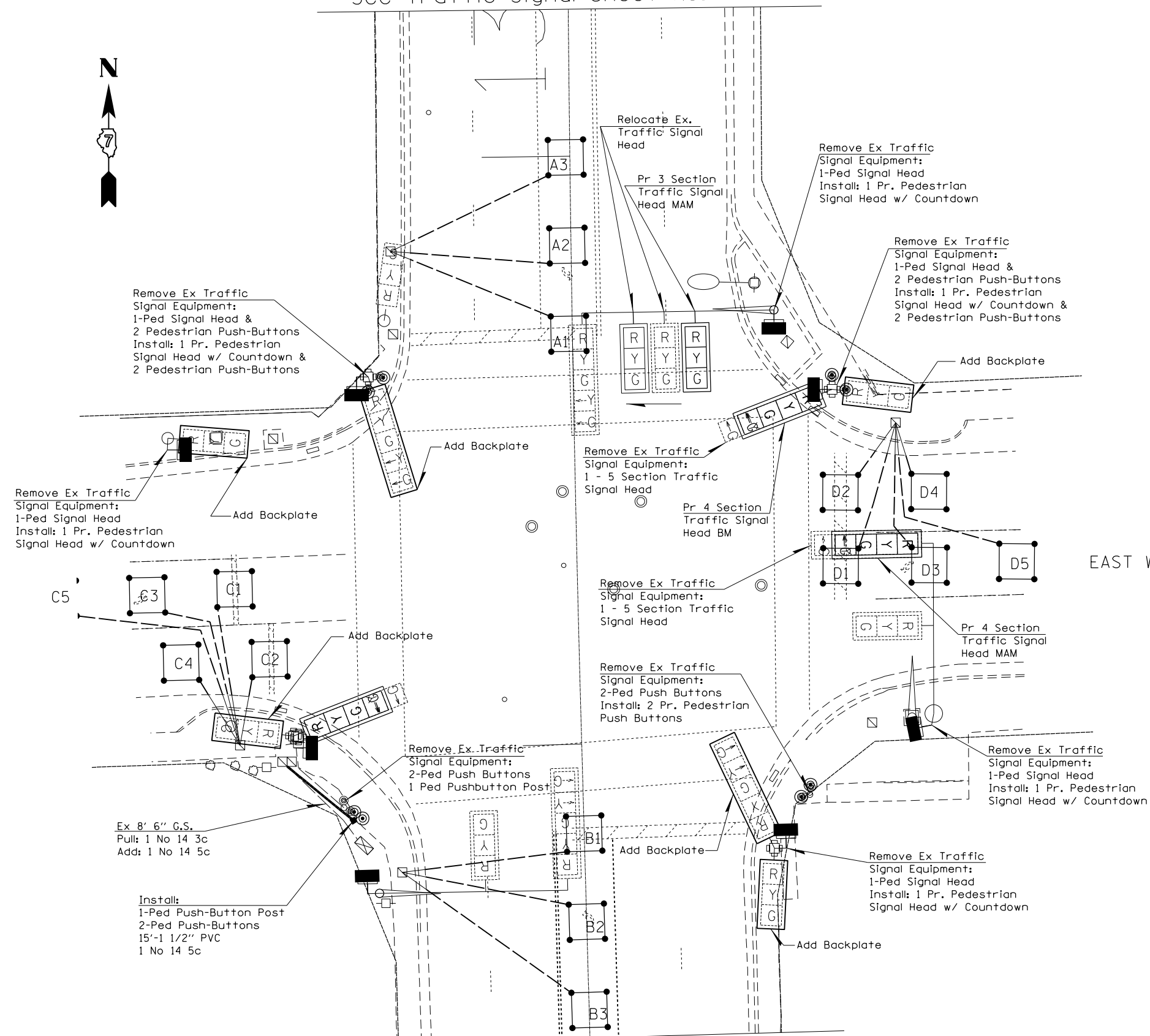
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
EAST RIVERSIDE AVENUE DETECTOR LOOPS N & S

SCALE: SHEET 14 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148K/RS-2	Macon	73	66
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	

Match Line Station 130+25
See Traffic Signal Sheet No. 16



Match Line Station 128+50
See Traffic Signal Sheet No. 16

BILL OF MATERIALS
ILL 105 & EAST WOOD STREET

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	15.0
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 5C	FOOT	48.0
PEDESTRIAN PUSH-BUTTON POST	EACH	1.0
DRILL EXISTING HANDHOLE	EACH	1.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	1.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8.0
TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	10.0
DETECTOR LOOP, TYPE 1	FOOT	877.0
PEDESTRIAN PUSH BUTTON	EACH	8.0
RELOCATE EXISTING SIGNAL HEAD	EACH	1.0
REMOVE EXISTING CABLE FROM CONDUIT	FOOT	43.0
REMOVE TRAFFIC SIGNAL EQUIPMENT	EACH	1.0

EAST WOOD ST.

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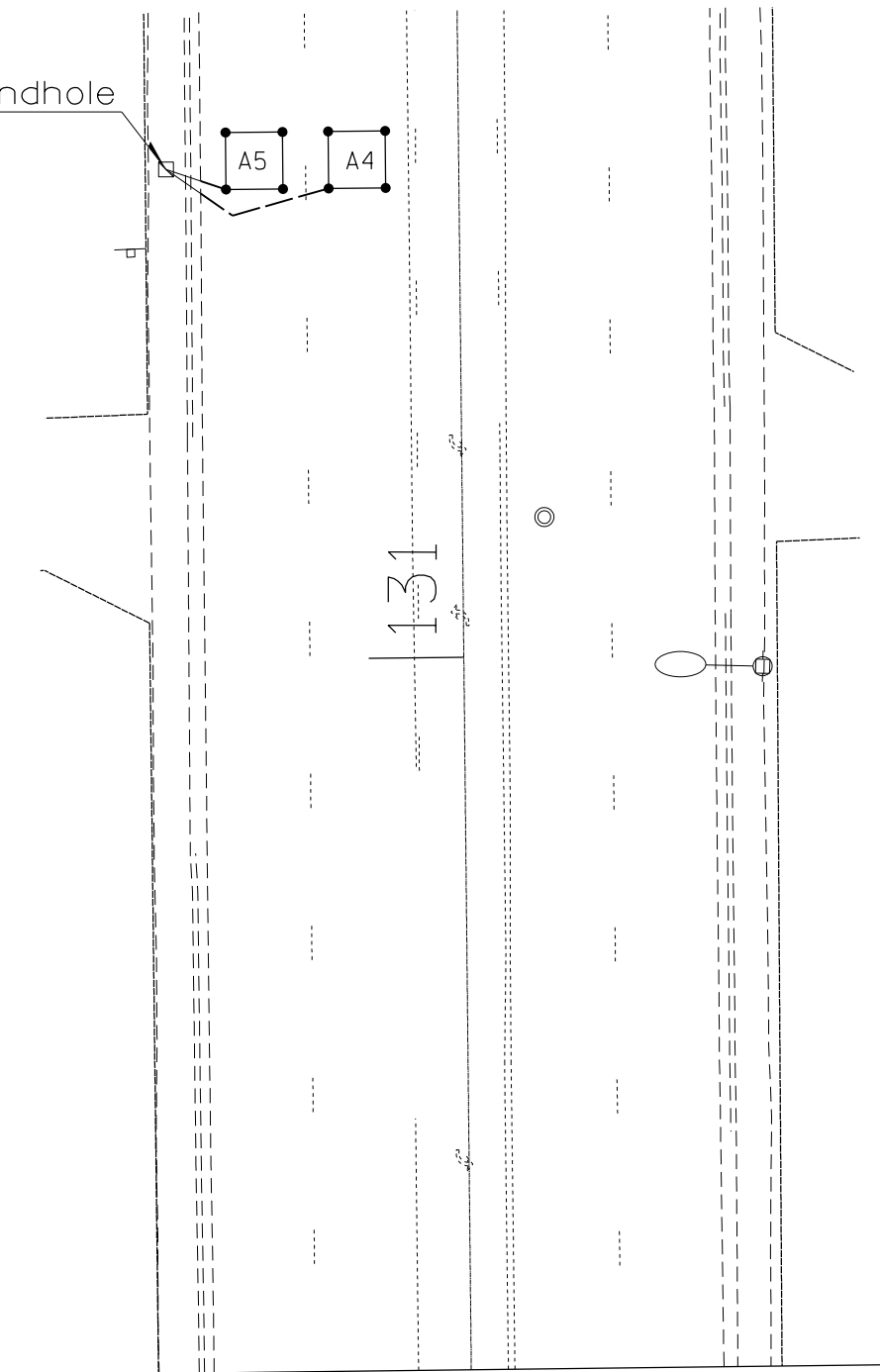
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
INTERSECTION OF WOOD STREET & DETECTOR LOOPS

SCALE: SHEET 15 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	67
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	

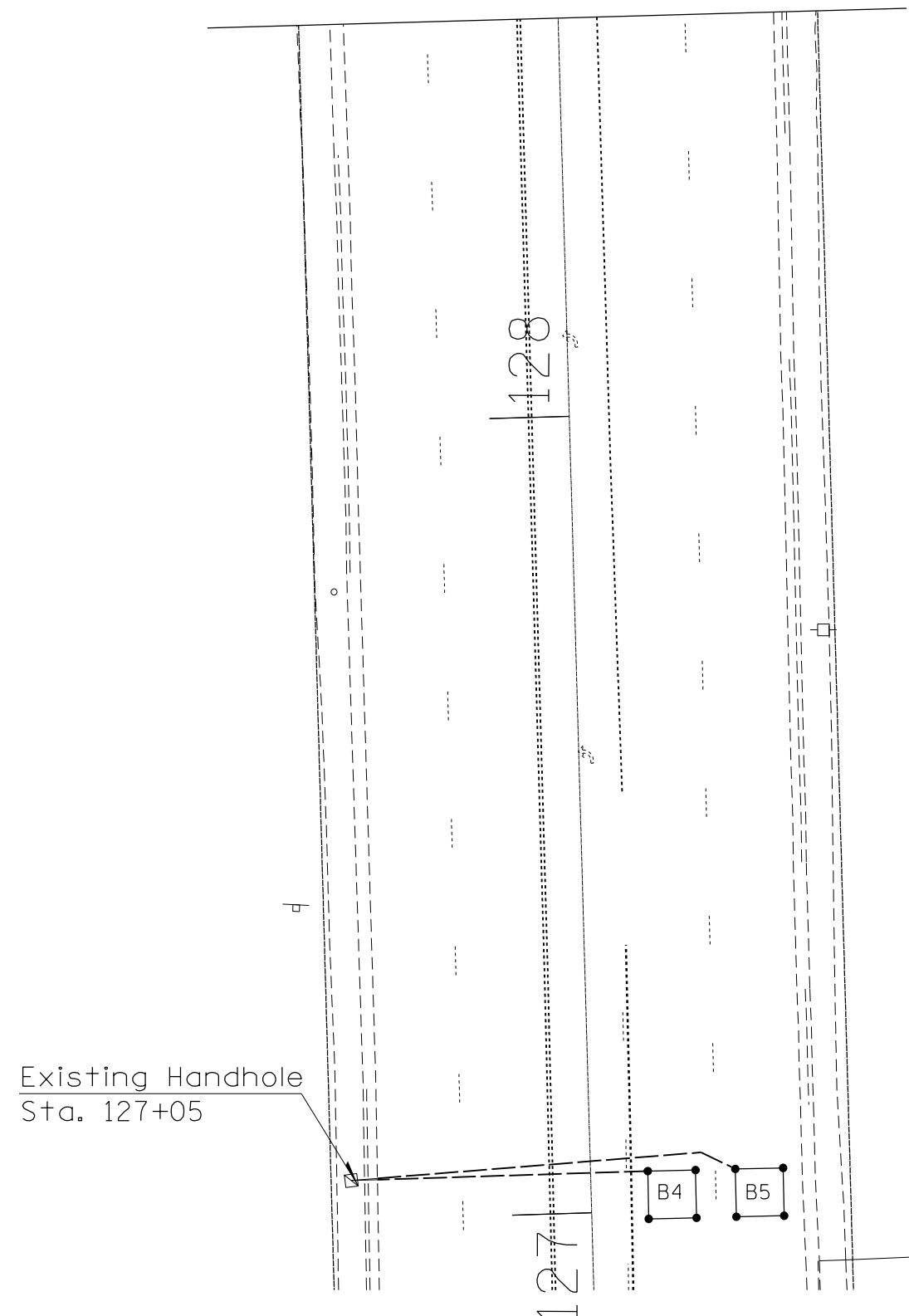
Existing Handhole
Sta. 131+52



Match Line Station 130+25
See Traffic Signal Sheet No. 15

DETECTOR LOOPS-NORTH

Match Line Station 128+50
See Traffic Signal Sheet No. 15



Existing Handhole
Sta. 127+05

DETECTOR LOOPS-SOUTH

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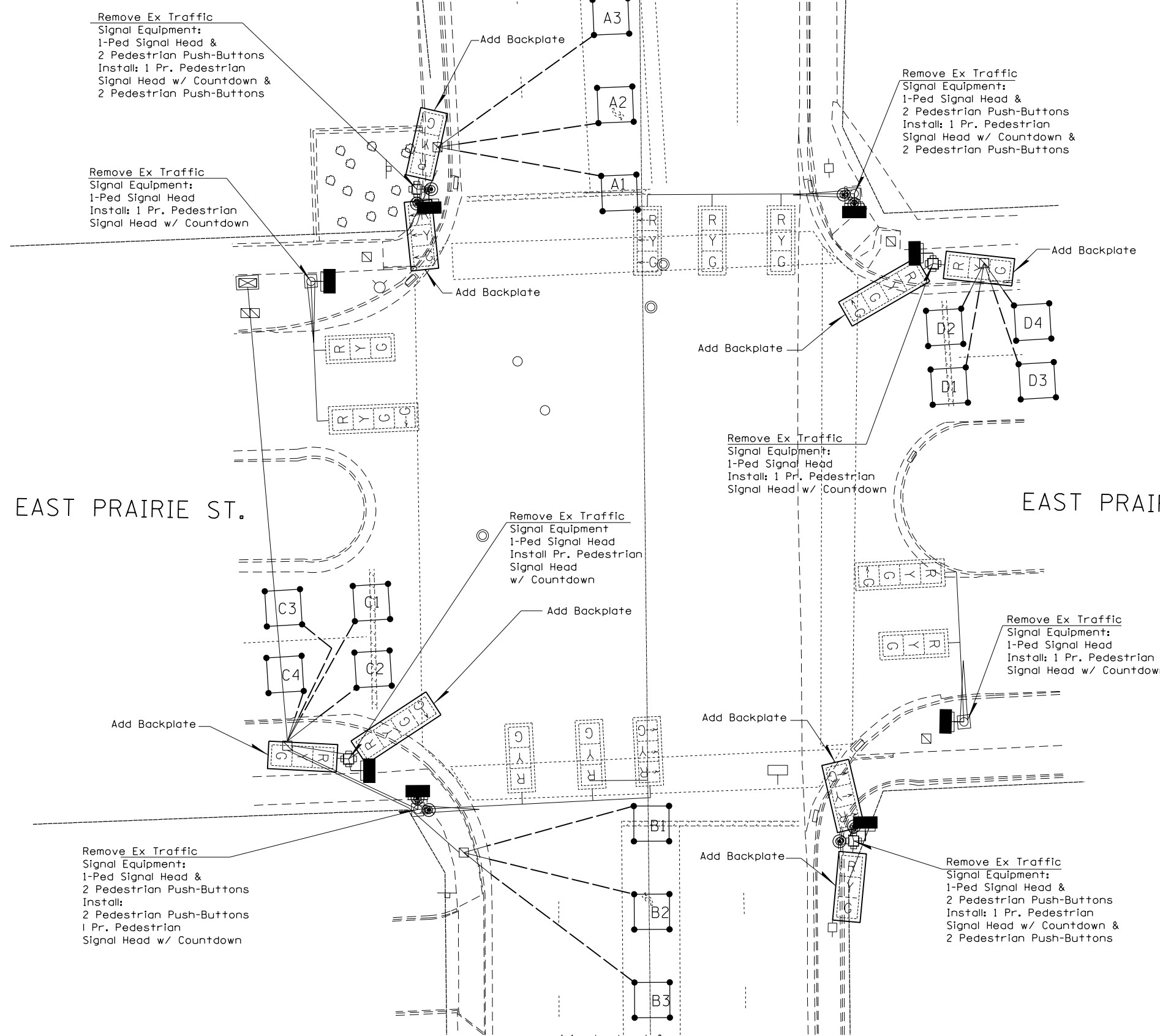
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
WOOD STREET DETECTOR LOOPS N & S

SCALE: SHEET 16 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148K/RS-2	Macon	73	68
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	

Match Line
See Traffic Signal Sheet No. 18



Match Line
See Traffic Signal Sheet No. 18

BILL OF MATERIALS			
ILL 105 & EAST PRAIRIE STREET			
ITEM	UNIT	QUANTITY	
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8.0	
TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	8.0	
DETECTOR LOOP, TYPE 1	FOOT	780.0	
PEDESTRIAN PUSH BUTTON	EACH	8.0	
REMOVE TRAFFIC SIGNAL EQUIPMENT	EACH	1.0	

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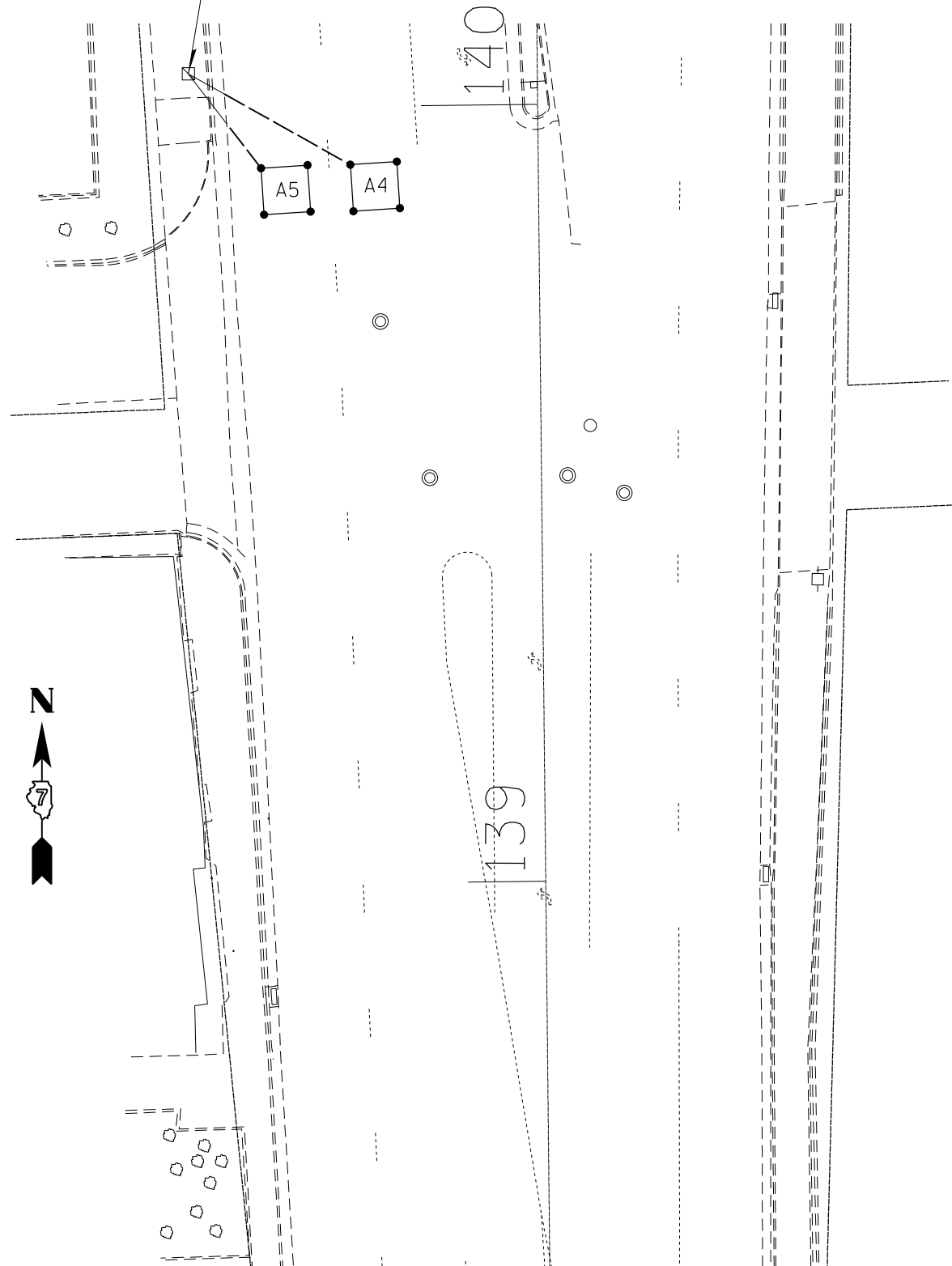
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS
INTERSECTION OF PRAIRIE STREET & DETECTOR LOOPS**

SCALE: SHEET 17 OF 18 SHEETS STA. TO STA.

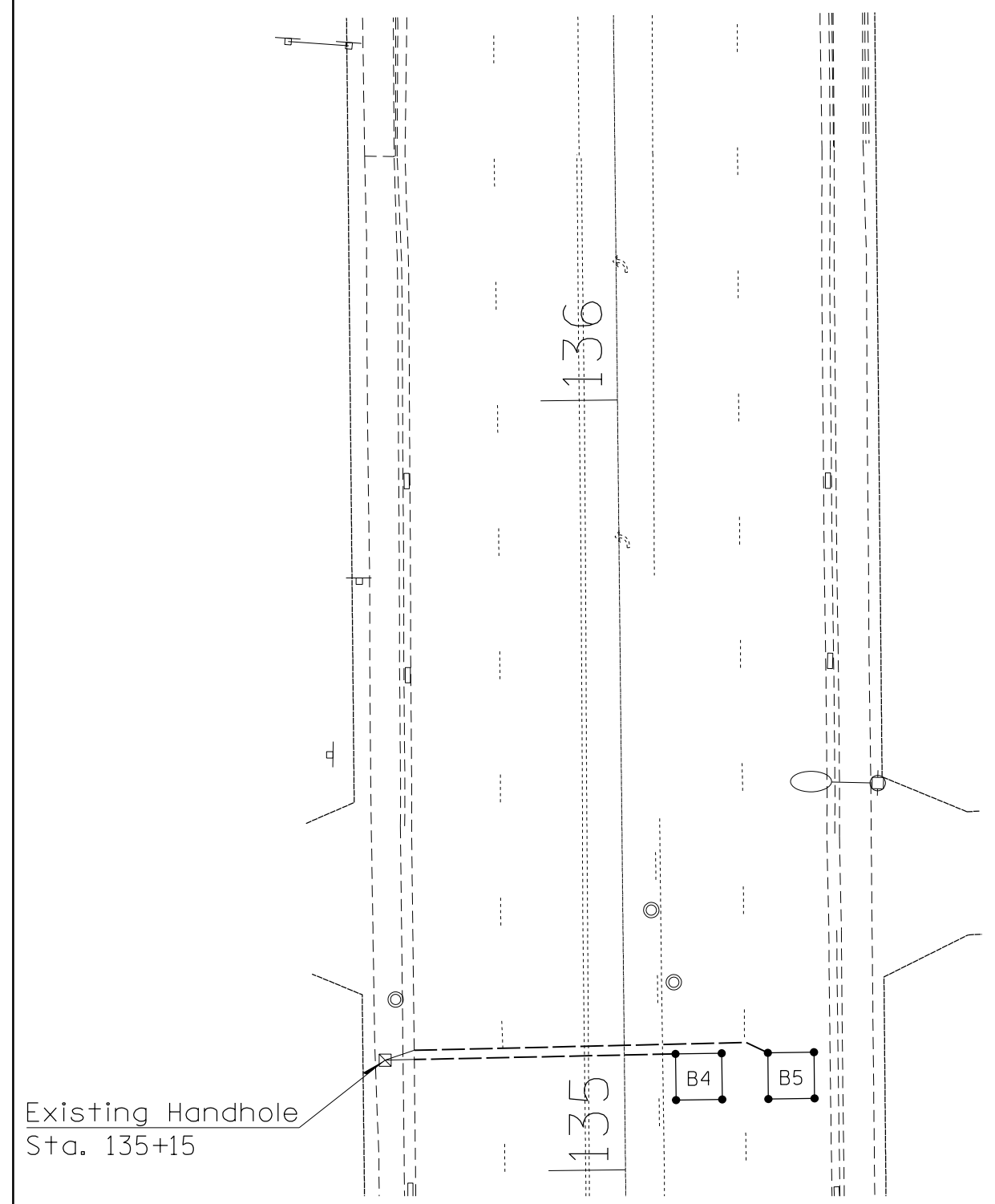
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712	128RS-4,148KRS-2	Macon	73	69
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	

Existing Handhole
Sta. 140+04



Match Line
See Traffic Signal Sheet No. 17
DETECTOR LOOPS-NORTH

Match Line
See Traffic Signal Sheet No. 17



Existing Handhole
Sta. 135+15

DETECTOR LOOPS-SOUTH

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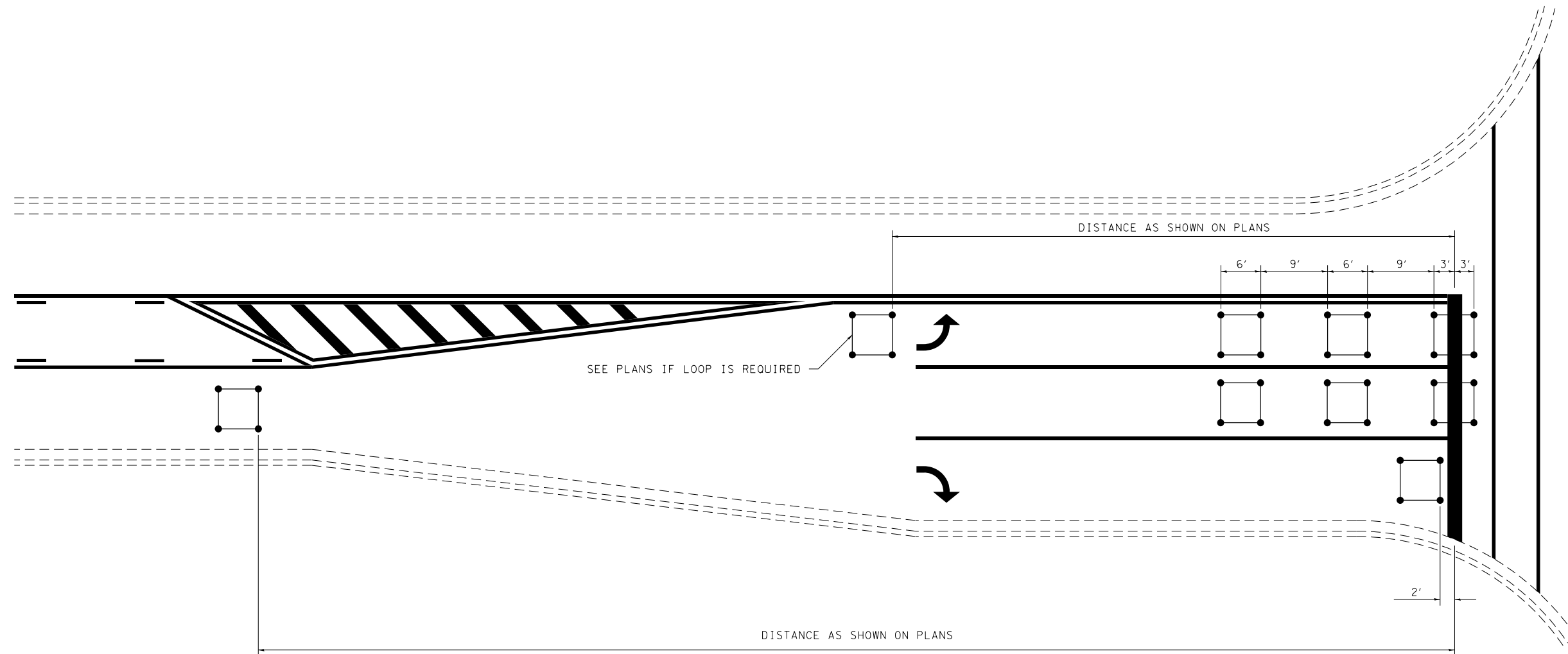
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
PRAIRIE STREET DETECTOR LOOPS N & S

SCALE: SHEET 18 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148K/RS-2	Macon	73	70
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	

TYPICAL APPLICATION OF DETECTOR LOOPS



NOTE:

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

NOT TO SCALE

DISTRICT 7 DETAIL NO. 88600100

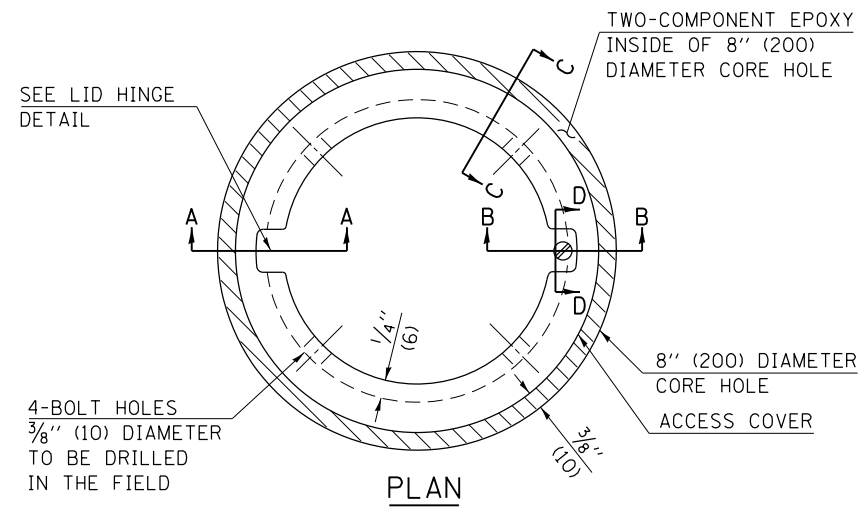
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL APPLICATIONS OF DETECTOR LOOPS

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

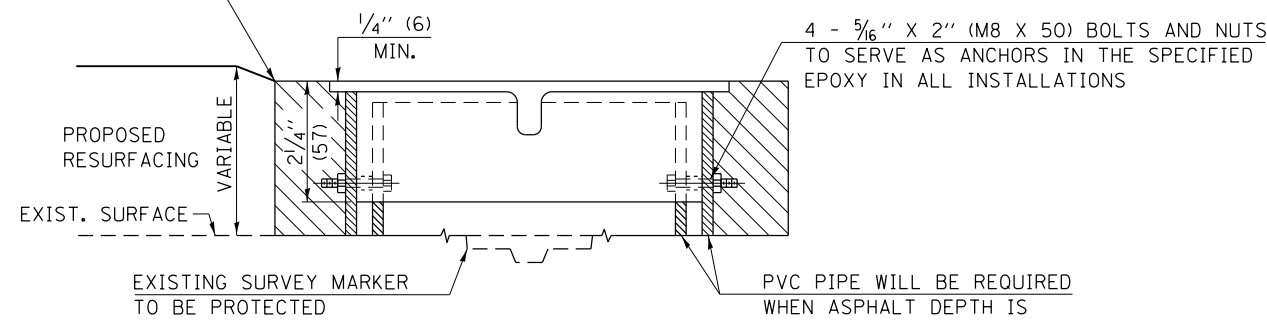
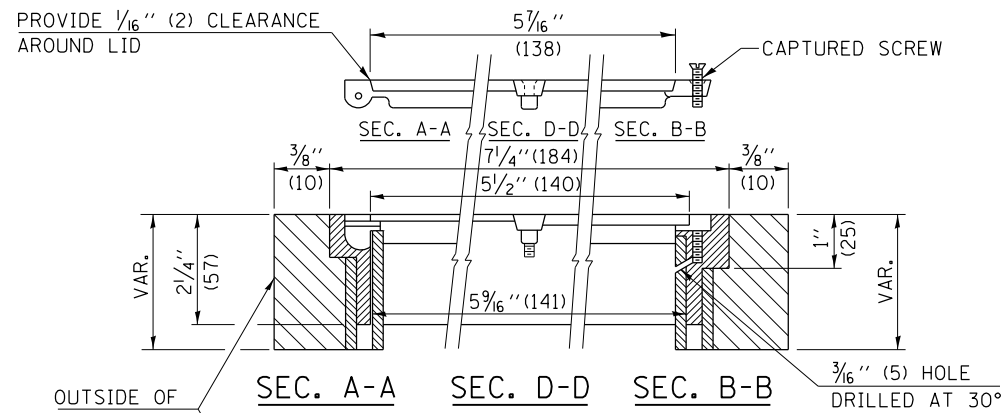
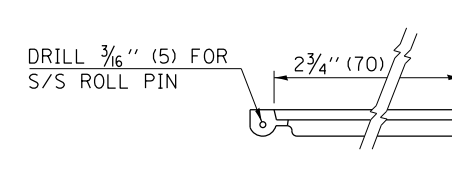
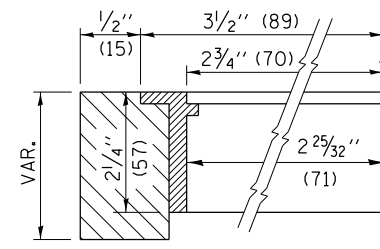
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,(48)RS-2	Macon	73	71
CONTRACT NO. 74475				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



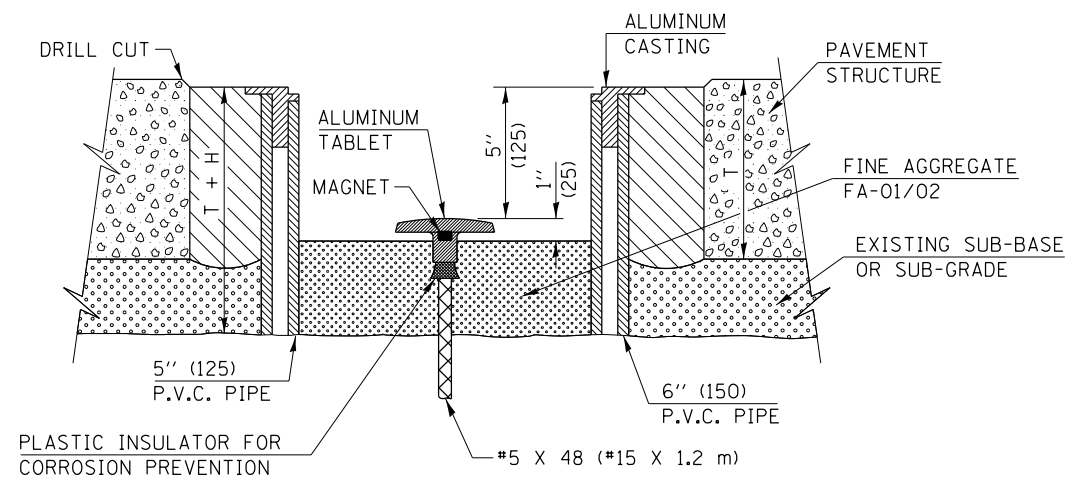
LEGEND

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

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



EXISTING SURVEY MARKER



PROPOSED SURVEY MARKER

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

DISTRICT 7 DETAIL NO. Z0070202

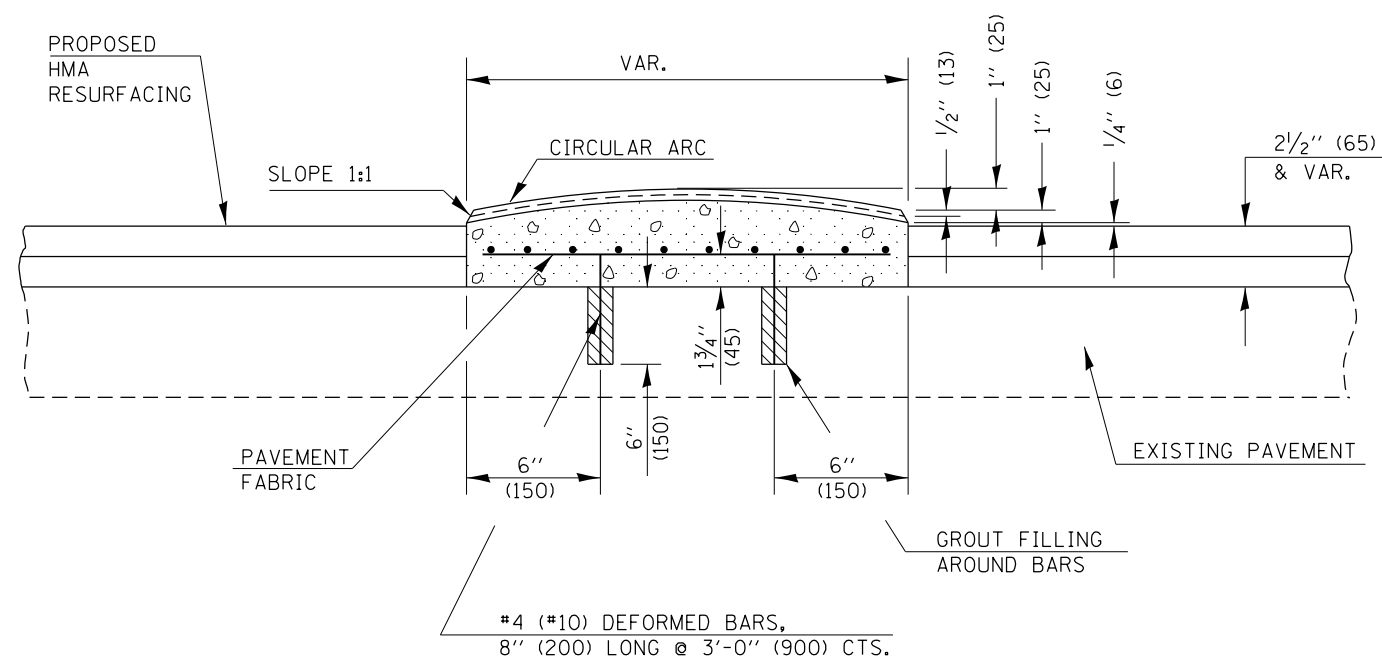
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

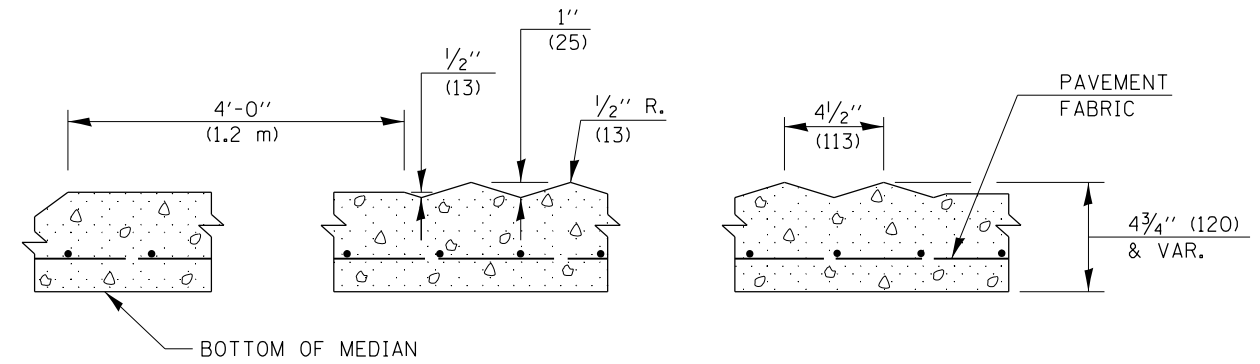
SURVEY MARKER VAULT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	72
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	



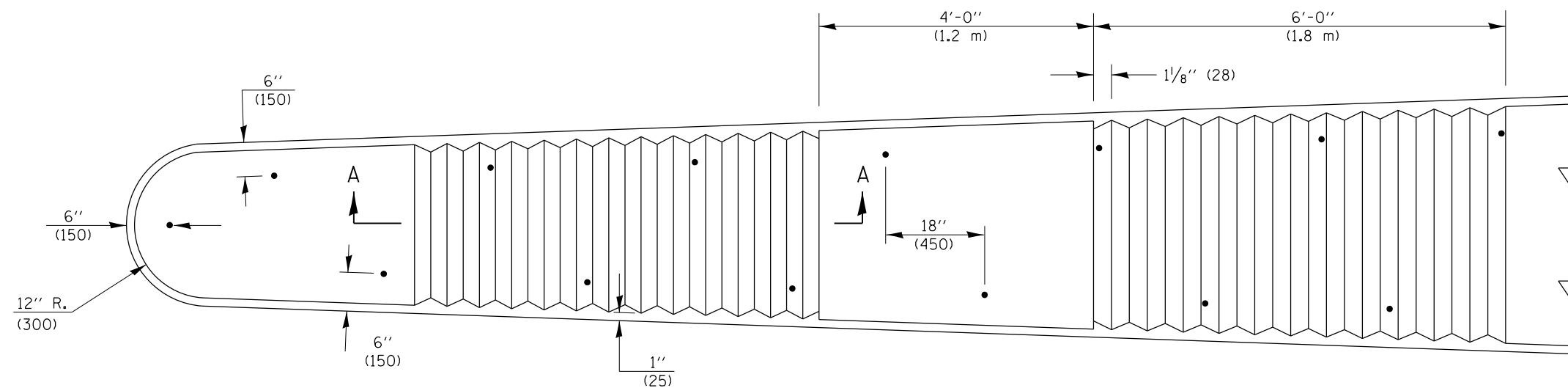
TRANSVERSE SECTION



SECTION A-A

GENERAL NOTES

1. DOWELS AT 3'-0" (900) INTERVALS OR AS DIRECTED BY THE ENGINEER.
2. SEE STANDARD 420701 FOR PAVEMENT FABRIC DETAILS.



PLAN

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

DISTRICT 7 DETAIL NO. 60624610

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CORRUGATED MEDIAN (DOWELLED)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
712	128RS-4,148KRS-2	Macon	73	73
CONTRACT NO. 74475			ILLINOIS FED. AID PROJECT	