

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 320 (IL 121/IL48)  
SECTION (126X)RS-2,135RS-1  
PROJECT ACNHPP-0320 (039)  
RESURFACING (3P)  
MACON COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(126X)RS-2,135RS-1	MACON	119	1
ILLINOIS			CONTRACT NO. 74624	

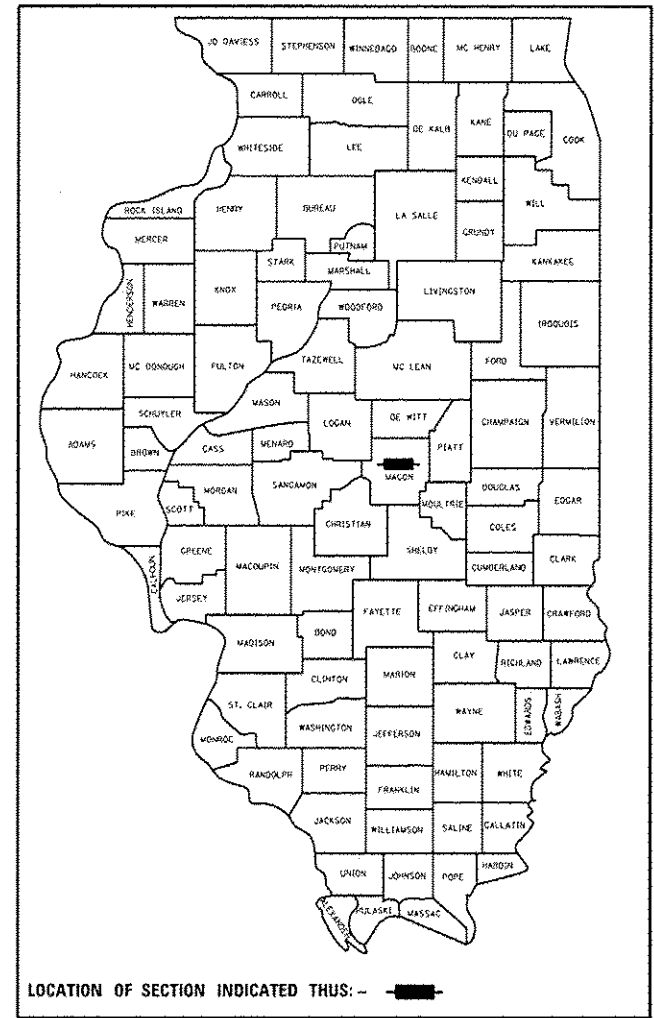
119 + 4 = 123 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**STATION EQUATIONS:**

STA 1069 + 43.93(BK) = STA 51 + 71.69(AH)  
STA 69 + 44.01(BK) = STA 8 + 90.71(AH)

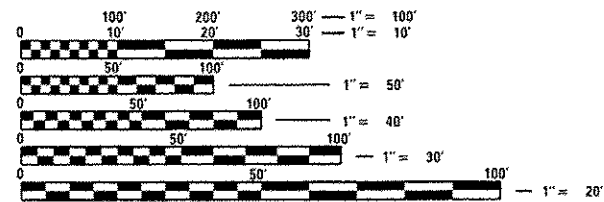
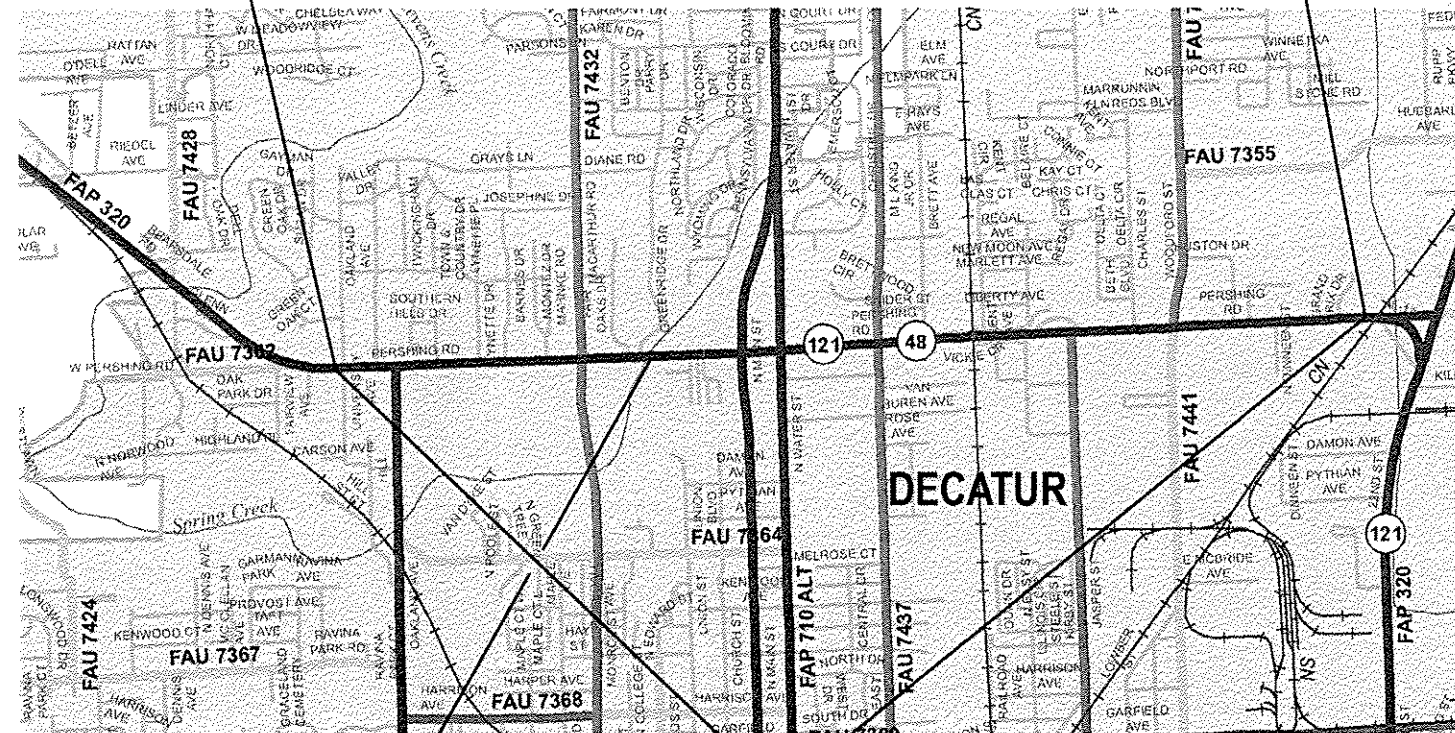
ADT = 22,900 (2013)



**PROJECT BEGINS**  
STA 1021 + 00.00

C-97-070-13

**PROJECT ENDS**  
STA 76 + 05.23



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

**PAVING OMISSION**  
STA 1061 + 15.00 TO  
STA 1062 + 88.67  
SN 058-0050

GROSS LENGTH = 13,330.77 FT. = 2.525 MILES  
NET LENGTH = 13,157.10 FT. = 2.492 MILES

PROJECT LIMITS

PROJECT ENGINEER: TOM RONAN  
PHONE: (217) 342-8320

**CHASTAIN & ASSOCIATES LLC**  
CONSULTING ENGINEERS  
DECATUR (217) 422-8544  
CHICAGO (773) 714-0050  
ROCKFORD (815) 489-0050  
184-001397

STATE OF ILLINOIS REGISTERED PROFESSIONAL ENGINEER  
**CHRISTOPHER A. SIEFERT**  
NUMBER 52909  
8/21/2014  
Expires: 11/30/2015

CONTRACT NO. 74624

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
SUBMITTED August 22, 2014  
Roger L. Oriskany  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
Oct 17 2014  
John D. Baranzelli, P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT  
Oct 17 2014  
Omer Osman, P.E.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

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001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF INCH AND OF A FOOT
424001-08	PERPENDICULAR CURB RAMPS
424006-02	DIAGONAL CURB RAMPS
424011-02	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
604051-04	FRAME AND GRATE TYPE 11
606001-06	CONCRETE CURB TYPE B & COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
667101-02	PERMANENT SURVEY MARKERS
701101-04	OFF-RD OPERATIONS, MULTILANE, 15' TO 24' FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701427-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS <= 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-06	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE MULTI LN 1W 2W + NONTRAVERSABLE MEDIAN
701602-07	URBAN LN CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-09	URBAN LANE CLOSURE, MULTILANE, INTERSECTION
701801-05	SIDEWALK CORNER OR CROSSWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE MEDIAN
780001-05	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001	PRISMATIC REFLECTORS ON CURBS
814001-03	HANDHOLES
876001-03	PEDESTRIAN PUSH BUTTON POST
878001-10	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS-POST AND BRACKET MOUNT
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

\* INCLUDES SHEETS 4A, 5A, 6A & 7A

FILE NAME = j:\dot\6220 - d7 var\work order 3	USER NAME = dbullash	DESIGNED - CAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND STANDARDS FAP 320 (IL 121L 48)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11 121 raxu faeing hadd.uvill\0774624-shrge	DRAWN - DLB	REVISED -			320	(126XRS-2,135RS-1)	MACON	119	2
Default	PLOT SCALE = 48.0000' / in.	CHECKED - JMB	REVISED -	SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 74624		
	PLOT DATE = 8/19/2014	DATE - 8/13/14	REVISED -							

GENERAL NOTES

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

THIS PROJECT IS LOCATED ON ILLINOIS ROUTES 121 & 48 (PERSHING ROAD) IN DECATUR IN MACON COUNTY. THE PROJECT BEGINS AT UNIVERSITY AVENUE AND EXTENDS EAST FOR 2.53 MILES TO 0.2 MILES WEST OF 22ND STREET. THE WORK INCLUDED IN SECTION (126X) RS-2, 135 RS-1 CONSISTS OF PAVEMENT PATCHING, HOT-MIX ASPHALT SURFACE REMOVAL, HOT-MIX ASPHALT RESURFACING, CURB AND GUTTER REPAIRS, MEDIAN REMOVAL AND REPAIRS, TRAFFIC SIGNAL WORK, CURB RAMP WORK, BRIDGE REPAIRS, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

ALL ELEVATIONS ARE BASED ON NAVD 88 DATUM. THE PROPOSED GRADE ELEVATIONS SHOWN ON THE PLANS ARE THE ELEVATIONS FOR THE FINISHED SURFACE AT THE LOCATIONS INDICATED.

THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT ARE NOT GUARANTEED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THEIR EXACT LOCATIONS FROM THE UTILITY COMPANY AND BY FIELD INSPECTION. THE CONTRACTOR IS REQUIRED TO CONTACT J.U.L.I.E. AT 1-800-892-0123 PRIOR TO PROCEEDING WITH ANY EXCAVATION AND WORK ON THE PROJECT.

DIMENSIONS FOR THE RADII SHOWN ON THE PLAN SHEETS ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

ACCESS TO ALL ENTRANCES AND SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES.

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

CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 424 OF THE SSRB AS SHOWN ON THE PLANS. DETECTABLE WARNINGS SHALL BE PLACED IN ACCORDANCE WITH ARTICLE 424.09 OF THE SSRB AND THE SPECIAL PROVISIONS AS SHOWN IN THE PLANS AND STANDARDS.

DAMAGED MEDIAN COMBINATION CONCRETE CURB AND GUTTER NEEDS TO BE REMOVED AND REPLACED. THE COMBINATION CONCRETE CURB AND GUTTER TO BE REMOVED AND REPLACED IS PART OF A MEDIAN. THE PAY ITEMS CONCRETE MEDIAN SURFACE REMOVAL AND CONCRETE MEDIAN SURFACE, 4" HAVE BEEN INCLUDED FOR ANY MEDIAN SURFACE THAT MAY NEED TO BE REMOVED AND REPLACED IN ORDER TO COMPLETE THE CURB REPAIRS. THE MEDIAN SURFACE SHALL BE REMOVED TO THE LIMITS DETERMINED BY THE RESIDENT ENGINEER.

COMBINATION CONCRETE CURB AND GUTTER SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH SECTION 440 AND 606 OF THE SSRB AT THE LOCATIONS SHOWN ON THE PLANS. THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

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

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

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

THE CONTRACTOR SHALL MILL THROUGH THE CONCRETE PATCHES IN ACCORDANCE WITH SECTION 440 OF THE SSRB. THIS WORK WILL BE INCLUDED IN THE COST FOR HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2".

THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.08 OF THE SSRB. THE COST SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE TEMPORARY RAMPS.

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

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

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

SIDE CURBS SHOWN ADJACENT TO PROPOSED SIDEWALKS AND CURB RAMPS SHALL BE CONSTRUCTED ACCORDING TO THE APPLICABLE HIGHWAY STANDARD AND SHALL BE INCLUDED IN THE UNIT PRICE FOR PORTLAND CEMENT CONCRETE SIDEWALK.

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 SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS. COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICES FOR THE SIDEWALK, TRAFFIC SIGNALS, AND/OR CURB AND GUTTER.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE:	SURFACE COURSE (1 1/2")
APPLICATION:	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90
PG GRADE:	SBS PG 70-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 90
MIXTURE COMPOSITION:	IL-9.5
FRICITION AGGREGATE:	MIXTURE D

MIXTURE USE:	LEVELING BINDER (1")
APPLICATION:	LEVELING BINDER (MACHINE METHOD), N90
PG GRADE:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 90
MIXTURE COMPOSITION:	IL-9.5
FRICITION AGGREGATE:	N/A

MIXTURE USE:	INCIDENTAL HMA SURFACE (DRIVEWAYS)
APPLICATION:	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70
PG GRADE:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:	IL-9.5
FRICITION AGGREGATE:	MIXTURE C

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

BITUMINOUS MATERIALS (PRIME COAT)	0.05 LBS/SQ FT
HOT-MIX ASPHALT	112 LBS/SQ YD/INCH

FILE NAME =	USER NAME = dbull00h	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
\\dot\6208 - a7 var var\work order 3	11 121 resurfacing\add_civil\1077462+shl-rge	DRAWN - DLB	REVISED -		FAP 320 (IL 121/48)		320	(126X)RS-2,135RS-1	MACON	119	3	
	PLOT SCALE = 48.0000' / 1" =	CHECKED - JMB	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	CONTRACT NO. 74624	
Default	PLOT DATE = 8/19/2014	DATE - 8/13/14	REVISED -		ILLINOIS/FED. AID PROJECT							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80/20 FED / STATE CONSTRUCTION CODE	
				ROADWAY	BRIDGE
				0004	0014
					S. N. 058-0050
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	100	
35400520	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 12"	SQ YD	58	58	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	97481	97481	
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	6065	6065	
40600990	TEMPORARY RAMP	SQ YD	1848	1848	
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	9098	9098	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	39	39	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3034	3034	
42400800	DETECTABLE WARNINGS	SQ FT	302	302	
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	108312	108312	
44000300	CURB REMOVAL	FOOT	180	180	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1305	1305	
44000600	SIDEWALK REMOVAL	SQ FT	2091	2091	
44201385	CLASS C PATCHES, TYPE I, 13 INCH	SQ YD	112	112	

\* SPECIALTY ITEM

FILE NAME =	USER NAME = jbwaring	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES FAP 320 (IL 121)</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\DOT\6288 - 07 Var Var\Work Order 3	IL 121 Resurfacing\CADD\Draw\10774624-sh-5	DRAWN - DLB	REVISED -		SCALE:	SHEET 1	OF 9 SHEETS	STA.	TO STA.	320	(126)RS-2,135RS-1	MACON	119 4
Default	PLOT SCALE = 100.0000' / 1"	CHECKED - JMB	REVISED -		CONTRACT NO. 74624								
	PLOT DATE = 8/27/2014	DATE - 8/13/14	REVISED -		(ILLINOIS) FED. AID PROJECT								



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY	BRIDGE
				0004	0014
					S. N. 058-0050
44201389	CLASS C PATCHES, TYPE II, 13 INCH	SO YD	2411	2411	
44201394	CLASS C PATCHES, TYPE III, 13 INCH	SO YD	417	417	
44201396	CLASS C PATCHES, TYPE IV, 13 INCH	SO YD	97	97	
44201419	CLASS C PATCHES, TYPE III, 15 INCH	SO YD	20	20	
50102400	CONCRETE REMOVAL	CU YD	62.5		62.5
50300100	FLOOR DRAINS	EACH	22		22
50300255	CONCRETE SUPERSTRUCTURE	CU YD	62.5		62.5
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	3220		3220
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	12440		12440
50800515	BAR SPLICERS	EACH	44		44
52000110	PREFORMED JOINT STRIP SEAL	FOOT	235		235
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1	
60261300	INLETS TO BE ADJUSTED WITH NEW TYPE II FRAME AND GRATE	EACH	3	3	
60600605	CONCRETE CURB, TYPE B	FOOT	45	45	

• SPECIALTY ITEM

FILE NAME #	USER NAME = jbenning	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES FAP 320 (IL 121)</b>			F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
IN10016888 - 07 Var Ver\Work Order 3	IL 121 Resurfacing\CA000.Civil\0774624-shr-0	DRAWN - DLB	REVISED -		SCALE:	SHEET 2	OF 9 SHEETS	STA.	TO STA.	320	(126)RS-2.135RS-1	MACON	119 4a
Default	PLOT SCALE = 100.0000 1/4 in.	CHECKED - JMB	REVISED -		CONTRACT NO. 74624								
	PLOT DATE = 8/27/2014	DATE - 8/13/14	REVISED -		ILLINOIS FED. AID PROJECT								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80/20 FED / STATE CONSTRUCTION CODE	
				ROADWAY	BRIDGE
				0004	0014
					S. N. 058-0050
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 12	FOOT	487	487	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 24	FOOT	194	194	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	4986	4986	
60620000	CONCRETE MEDIAN, TYPE SB-6. 24	SO FT	110	110	
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	7	7	
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	5	5	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1	
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80/20 FED / STATE CONSTRUCTION CODE	
				URBAN	
				ROADWAY 0004	BRIDGE 0014
				S. N. 058-0050	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	35	35	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	10995	10995	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	1769	1769	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	25232	25232	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	17819	17819	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1949	1949	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1929	1929	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	3662	3662	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	812.5	812.5	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	762.5	762.5	
70600240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2	2	
70600340	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2	2	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1769	1769	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	25093	25093	

\* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80/20 FED/ STATE	
				CONSTRUCTION CODE	
				ROADWAY 0004	BRIDGE 0014
					S. N. 058-0050
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	16298	16298	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2569	2569	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3279	3279	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1943	1943	
* 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	339	339	
* 78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	100	100	
* 78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	FOOT	244	244	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	649	649	
* 78200300	PRISMATIC CURB REFLECTOR	EACH	928	928	
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	35	35	
	78300100 PAVEMENT MARKING REMOVAL	SQ FT	389	389	
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	40	40	
* 81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	230	230	
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	60	60	

\* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80/20 FED / STATE CONSTRUCTION CODE	
				ROADWAY	BRIDGE
				0004	0014
				URBAN	
				S. N. 058-0050	
* 81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	6	6	
* 81400100	HANDHOLE	EACH	3	3	
* 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	1	1	
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2229	2229	
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3947	3947	
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1061	1061	
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	934	934	
* 87502660	TRAFFIC SIGNAL POST, ALUMINUM 12 FT.	EACH	3	3	
* 87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	18	18	
* 87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	5	5	
* 87502720	TRAFFIC SIGNAL POST, ALUMINUM 18 FT.	EACH	4	4	
* 87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	24	24	
* 87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1	1	
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	18	18	

\* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80/20 FED / STATE	
				CONSTRUCTION CODE	
				ROADWAY 0004	BRIDGE 0014
					S. N. 058-0050
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13	13	
* 87900200	DRILL EXISTING HANDHOLE	EACH	25	25	
* 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	12	12	
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2	2	
* 88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1	1	
* 88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4	4	
* 88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	5	5	
* 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	12	12	
* 88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	13	13	
* 88200100	TRAFFIC SIGNAL BACKPLATE	EACH	3	3	
* 88600100	DETECTOR LOOP, TYPE I	FOOT	4969	4969	
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	31	31	
* 89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	3	3	
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	9	9	

\* SPECIALTY ITEM

FILE NAME =	USER NAME = jluening	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES FAP 320 (IL 121)</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1:\DOT\6888 - 07 Var Var\Mark Order 3	IL 121 Resurfacing\CADD\Civil\0774624-shs-5	DRAWN - DLB	REVISED -		320	1126XRS-2,135RS-1	MACON	119	7				
Default	PLOT SCALE = 100,0000 - / in.	CHECKED - JMB	REVISED -		SCALE:	SHEET 7	OF 9 SHEETS	STA.	TO STA.	CONTRACT NO. 74624	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 8/27/2014	DATE - 8/13/14	REVISED -										



				80/20 FED / STATE	
				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	
				ROADWAY 0004	BRIDGE 0014
				S. N. 058-0050	
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2	2	
X4060995	TEMPORARY RAMP, SPECIAL	SO YD	619	619	
X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SO FT	681	681	
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SO FT	4715	4715	
X4402805	ISLAND REMOVAL	SO FT	579	579	
X4403300	CONCRETE MEDIAN REMOVAL	SO FT	110	110	
X6060060	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.06 (SPECIAL)	FOOT	79	79	
X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	525	525	
X7010228	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601, SPECIAL	L SUM	1	1	
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28	28	
* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SO FT	1769	1769	
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	25432	25432	
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	18935	18935	
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	2569	2569	

\* SPECIALTY ITEM

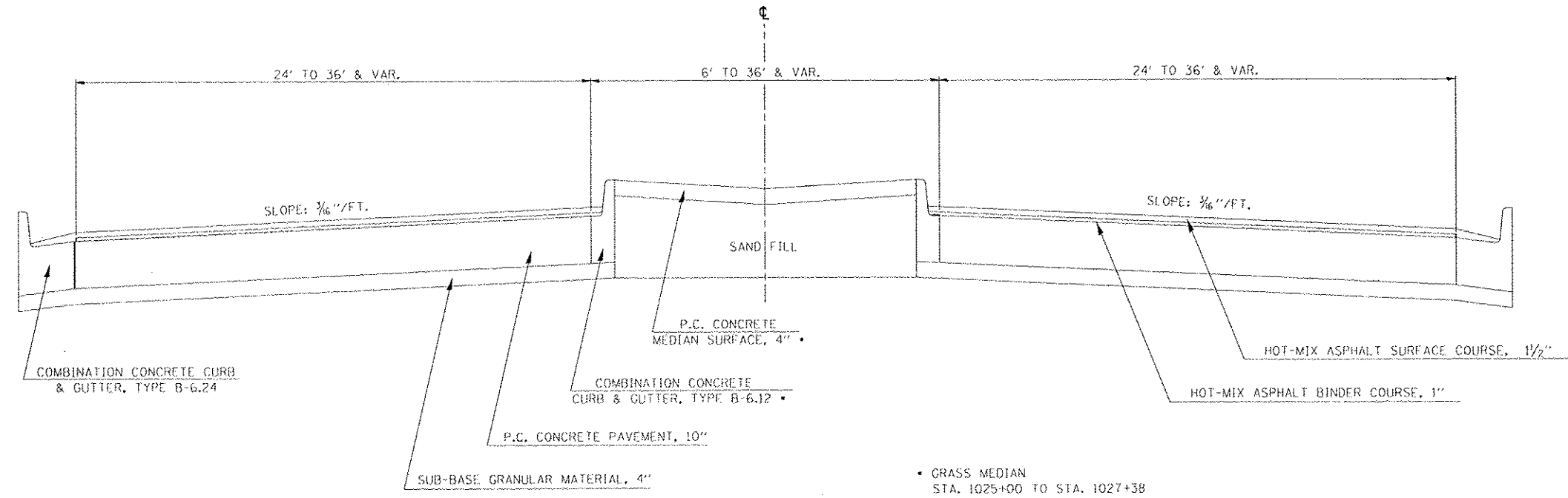
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80/20 FED / STATE	
				CONSTRUCTION CODE	
				ROADWAY	BRIDGE
				0004	0014
					S. N. 058-0050
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	3523	3523	
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	1929	1929	
Z0001903	STRUCTURAL STEEL REMOVAL	POUND	3320		3320
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	150		150
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	338		338
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	15.4		15.4
<input type="checkbox"/> Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	1	1	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	25	25	
Z0070202	SURVEY MARKER VAULT	EACH	13	13	
<input type="checkbox"/> Z0076600	TRAINEES	Hour	1000	1000	
<input type="checkbox"/> Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	1000	1000	

\* SPECIALTY ITEM  
 100% STATE  
 0042

\* SPECIALTY ITEM

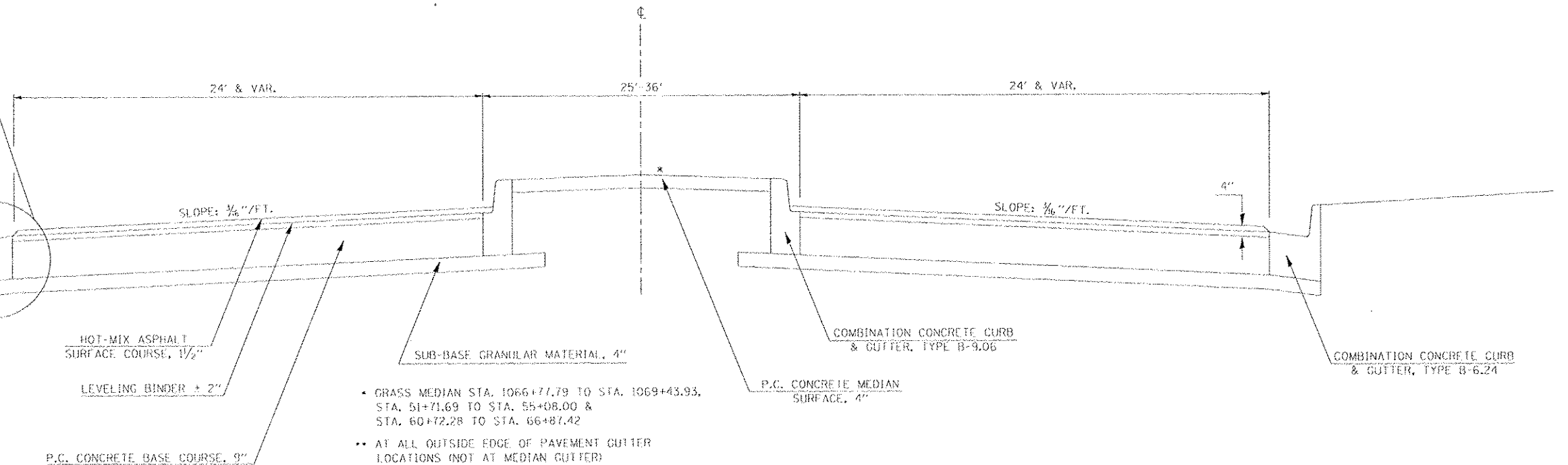
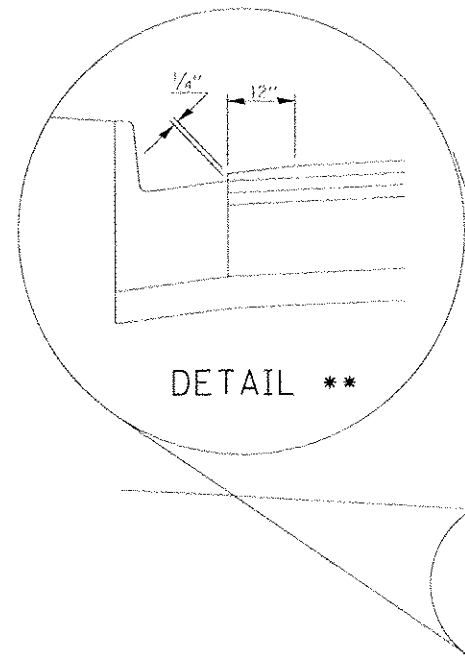
## EXISTING TYPICAL CROSS SECTION

STATION                      TO                      STATION  
 1021+00.00                      1061+15.00 (OMISSION SN 058-0050)  
 1062+88.67                      1066+27.00



## EXISTING TYPICAL CROSS SECTION

STATION                      TO                      STATION  
 1066+27.00                      1069+43.93 (BK) = 51+71.69 (AH)  
 51+71.69                      55+61.20  
 60+71.57                      66+87.42

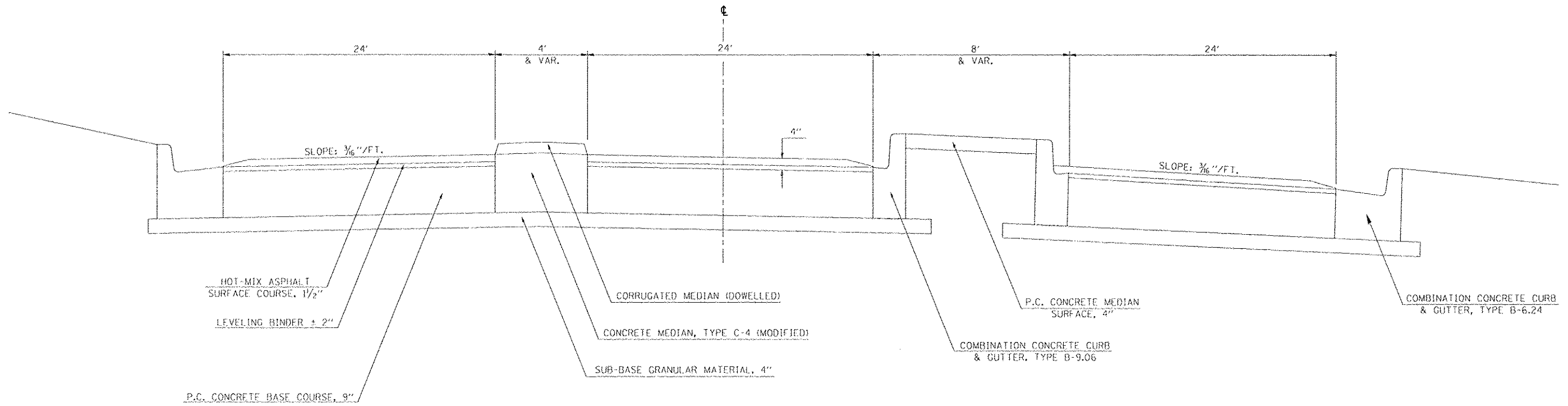


FILE NAME : \s\d\st\62MB - d2 var var\work order 3	USER NAME : rbluick (1121+resur\paving\oad\102774624-dst.tg	DESIGNED - CAS DRAWN - DLB CHECKED - JMB DATE - 8/13/14	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TYPICAL SECTIONS FAP 320 (IL 121 / IL 48)</b>	SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>320</td> <td>(126)RS-2,135RS-1</td> <td>MACON</td> <td>119</td> <td>9</td> </tr> <tr> <td colspan="5" style="text-align: center;">CONTRACT NO. 74624</td> </tr> </table>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	320	(126)RS-2,135RS-1	MACON	119	9	CONTRACT NO. 74624				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																		
320	(126)RS-2,135RS-1	MACON	119	9																		
CONTRACT NO. 74624																						

ILLINOIS FED. AID PROJECT

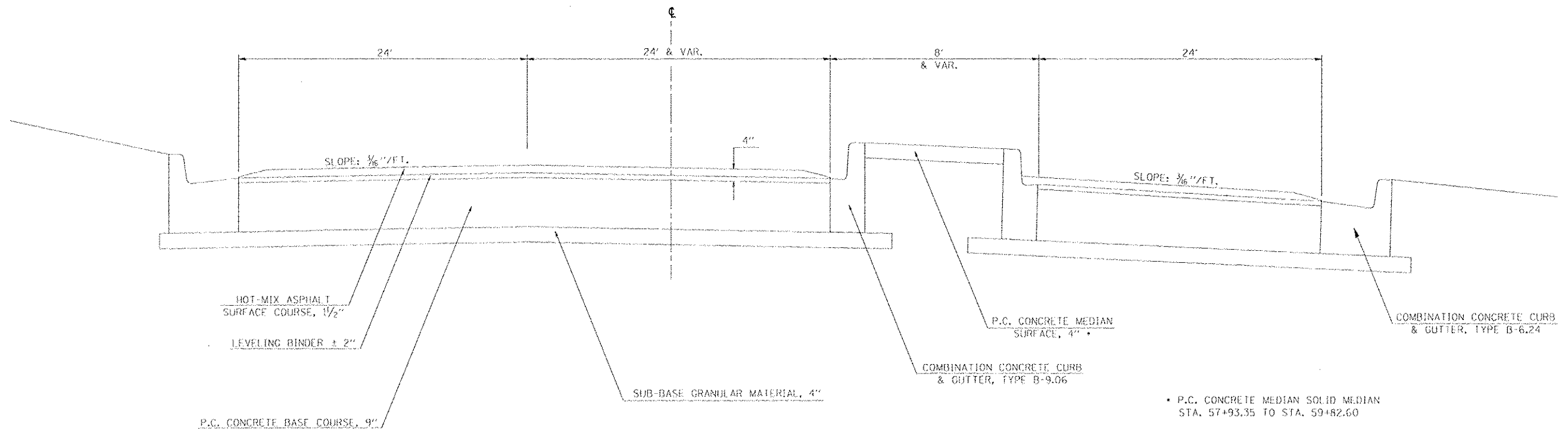
## EXISTING TYPICAL CROSS SECTION

STATION 55+61.20 TO STATION 56+77.00



## EXISTING TYPICAL CROSS SECTION

STATION 56+77.00 TO STATION 60+71.57

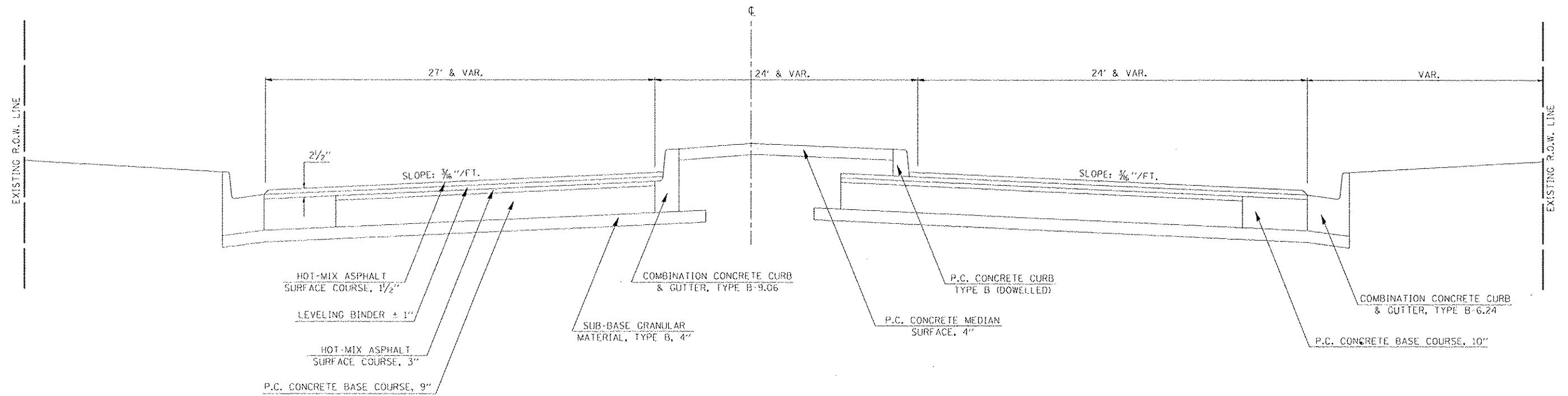


• P.C. CONCRETE MEDIAN SOLID MEDIAN  
STA. 57+93.35 TO STA. 59+82.60

FILE NAME -	USER NAME - dballock	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TYPICAL SECTIONS FAP 320 (IL 121 /IL 48)</b>	F.A.P. RTE. 320	SECTION (126XRS-2.135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 10	CONTRACT NO. 74624
Notes: M2228 - d7 var var work order 3	11 121 - maccon - 126XRS-2.135RS-1	DRAWN - DLB	REVISED -								
Default	PLOT SCALE - 48.0000 1/2 in.	CHECKED - JMB	REVISED -		SCALE:	SHEET 2	OF 6	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT
	PLOT DATE - 8/19/2014	DATE - 8/13/14	REVISED -								

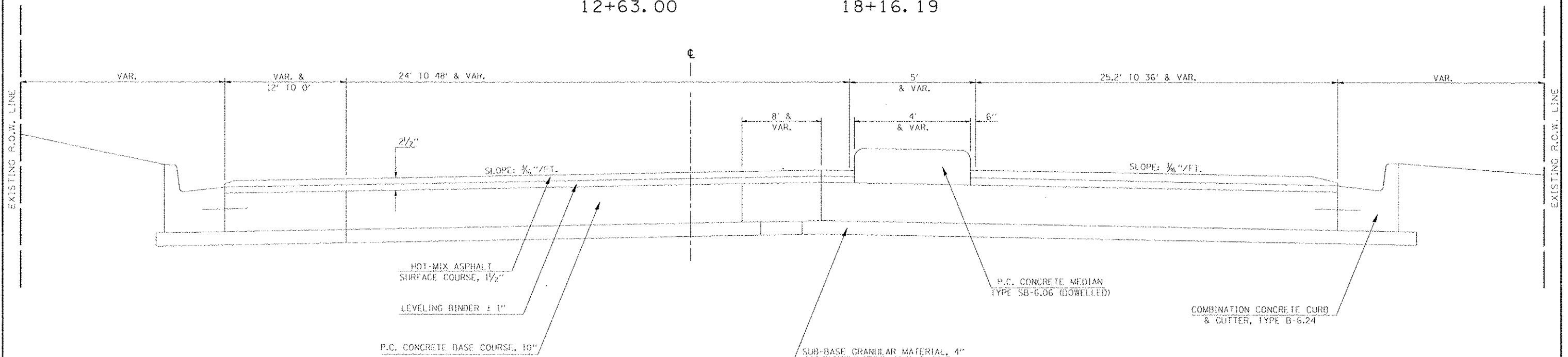
## EXISTING TYPICAL CROSS SECTION

STATION TO STATION  
 66+87.42 TO 69+44.01 (BK) = 8+90.71 (AH)  
 8+90.71 TO 12+63.00



## EXISTING TYPICAL CROSS SECTION

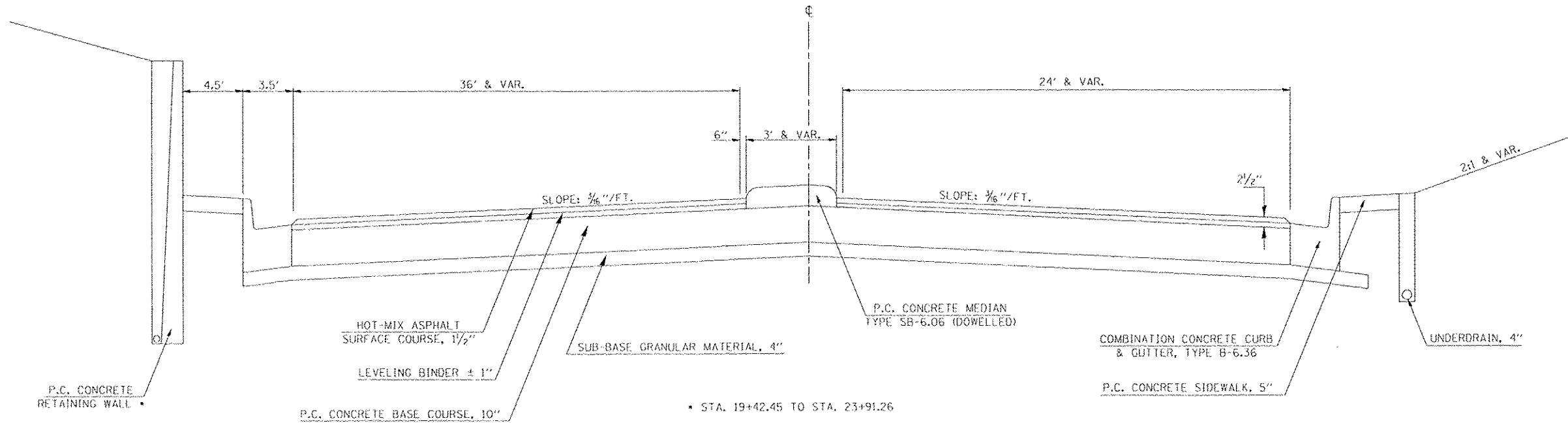
STATION TO STATION  
 12+63.00 TO 18+16.19



FILE NAME	USER NAME	DESIGNED	CAS	REVISED	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS FAP 320 (IL 121 /IL 48)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11151514R020 - d7 var var work order J	11121 resurfacing\cadd\civil\110774624-sht-3.dwg	DRAWN	DLB	REVISED	-		320	(126X1R5-2,135R5-1)	MACON	119	11		
	PLD1 SCALE = 48.0000' = 1" =	CHECKED	JMB	REVISED	-		SCALE: SHEET 3 OF 6 SHEETS   STA. TO STA.		CONTRACT NO. 74624		ILLINOIS FED. AID PROJECT		
	PLD1 DATE = 8/13/2014	DATE	8/13/14	REVISED	-								

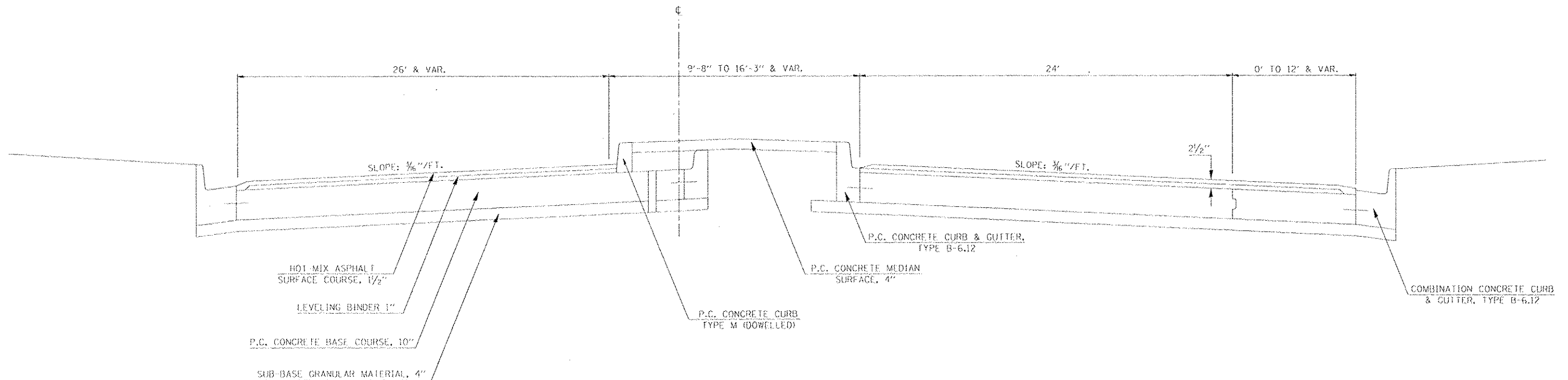
## EXISTING TYPICAL CROSS SECTION

STATION TO STATION  
18+16.19 TO 33+87.70



## EXISTING TYPICAL CROSS SECTION

STATION TO STATION  
33+87.70 TO 37+38.17

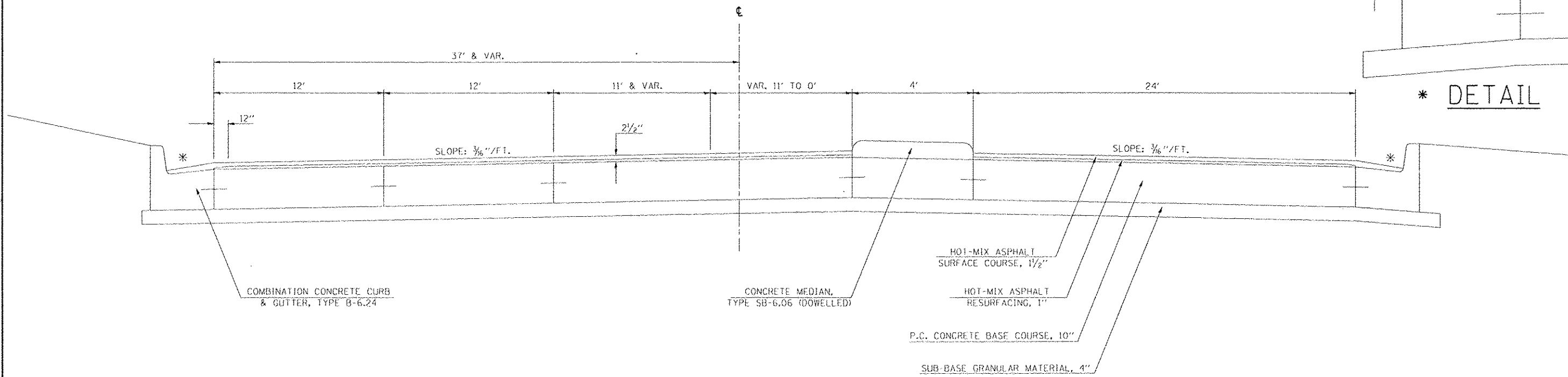


FILE NAME : I:\Info\2008 - 07 var var work order 3	USER NAME : dshulock I:\121\constr\facings\road\div\121\74624-shs-101	DESIGNED - CAS DRAWN - DLB CHECKED - JMB DATE - 8/13/14	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS FAP 320 (IL 121 /IL 48)	F.A.P. RTE. 320	SECTION (126)RS-2.135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 12	CONTRACT NO. 74624 ILLINOIS FED. AID PROJECT
				SCALE:	SHEET 4 OF 6 SHEETS	STA.	TO STA.				



## EXISTING TYPICAL CROSS SECTION

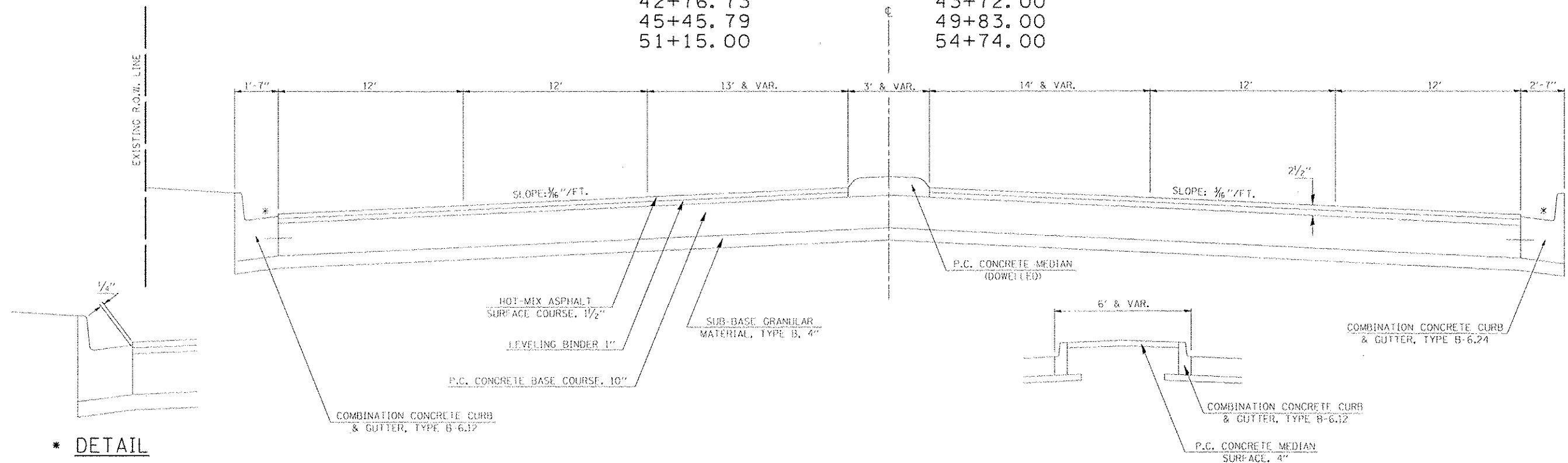
STATION TO STATION  
37+38.17 42+76.73



\* DETAIL

## EXISTING TYPICAL CROSS SECTION

STATION TO STATION  
42+76.73 43+72.00  
45+45.79 49+83.00  
51+15.00 54+74.00



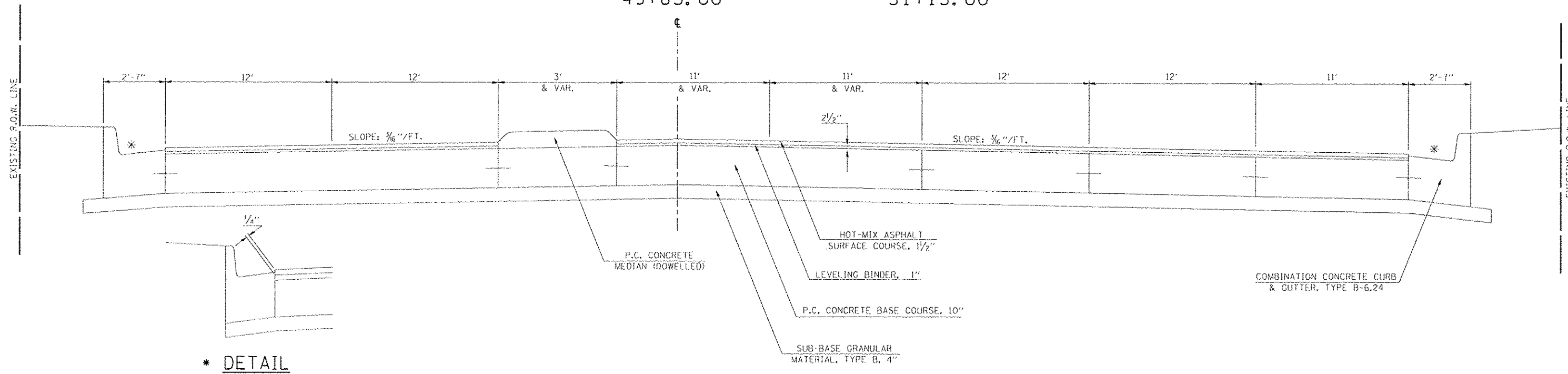
\* DETAIL

STA. 51+61.42 TO STA. 54+74.00

FILE NAME : 113adn6280 - d7 var var work order 3	USER NAME : dbulllock	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TYPICAL SECTIONS FAP 320 (IL 121 /IL 48)</b>	F.A.P. RTE. 320	SECTION (126XRS-2,135RS-1)	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 13	
	PLT 121 resurfacing/roadd. civil/ND774624-shr.txd	DRAWN - DLB	REVISED -		SCALE:	SHEET 5 OF 6 SHEETS					
	PLT SCALE = 48.0000 1/2 in.	CHECKED - JMB	REVISED -		STA. TO STA.						
	PLT DATE 8/19/2014	DATE - 8/13/14	REVISED -								CONTRACT NO. 74624

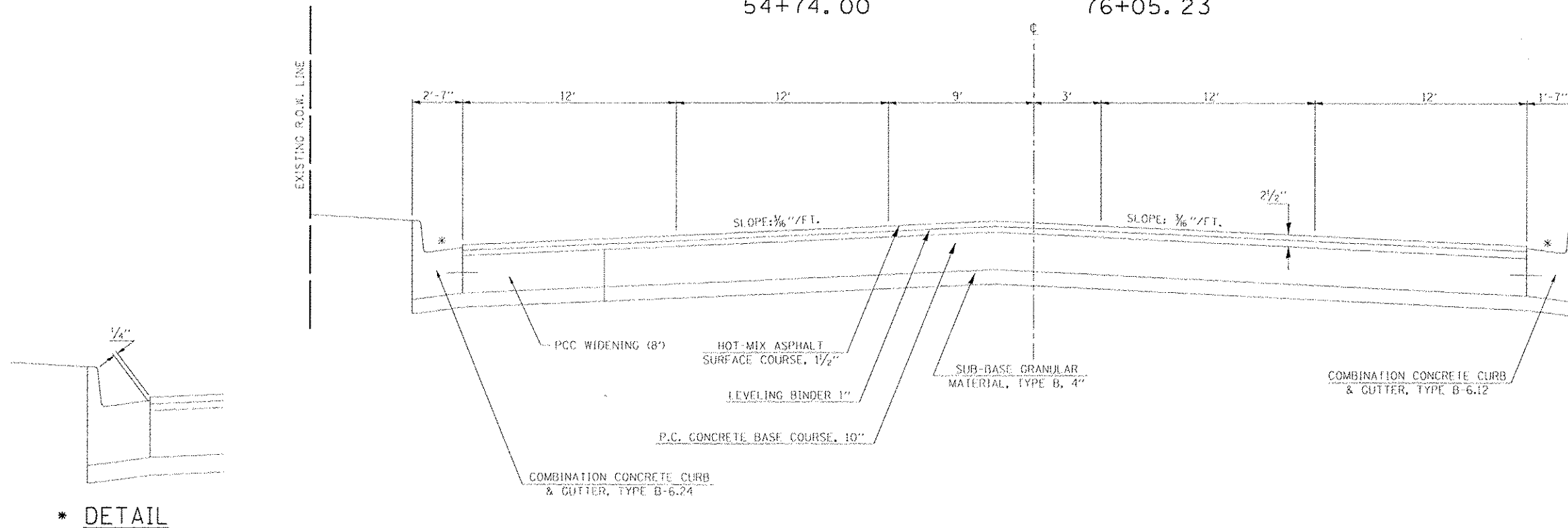
### EXISTING TYPICAL CROSS SECTION

STATION TO STATION  
 43+72.00 45+45.79  
 49+83.00 51+15.00



### EXISTING TYPICAL CROSS SECTION

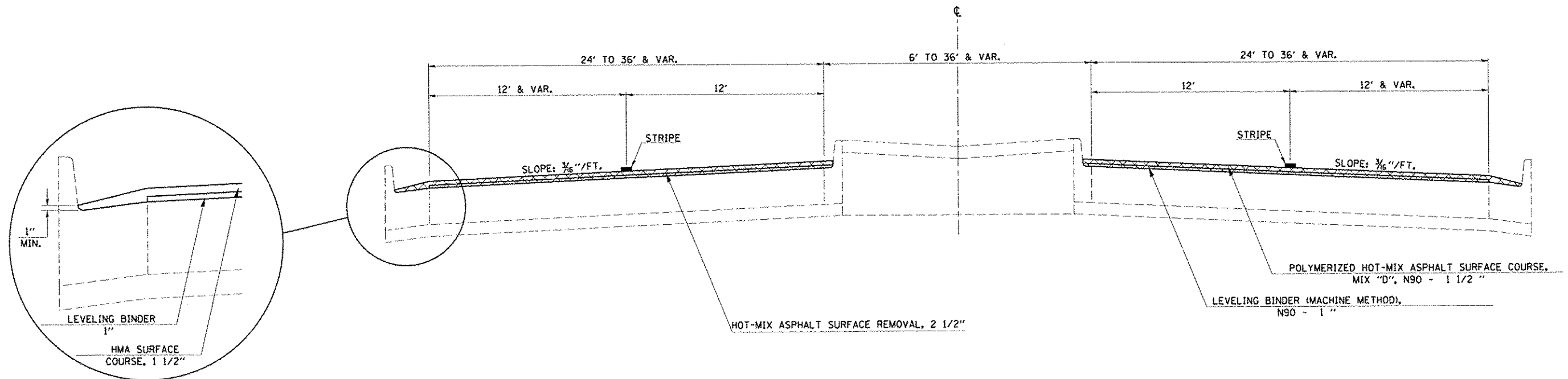
STATION TO STATION  
 54+74.00 76+05.23



FILE NAME : j:\dot\G200 - d7 var var\work order 3	USER NAME : dshulock	DESIGNED - CAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS FAP 320 (IL 121 /IL 48)		F.A.P. RTE. 320	SECTION (126XRS-2,135RS-1)	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 14	
	PL01 SCALE = 48.0000 1/4" = 1'	DRAWN - DLB	REVISED -		SCALE:	SHEET 6 OF 6 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				
	PL01 DATE = 8/19/2014	CHECKED - JMB	REVISED -									
		DATE - 8/13/14	REVISED -									

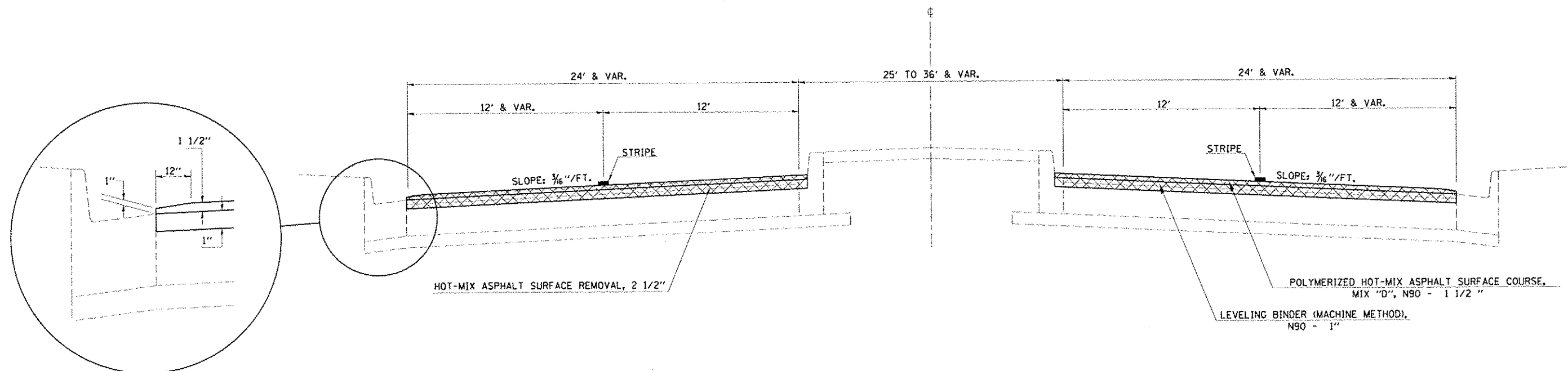
# PROPOSED TYPICAL CROSS SECTION ①

STATION TO STATION  
 1021+00.00 TO 1061+15 (OMISSION SN 058-0050)  
 1062+88.67 TO 1066+27.00



# PROPOSED TYPICAL CROSS SECTION ②

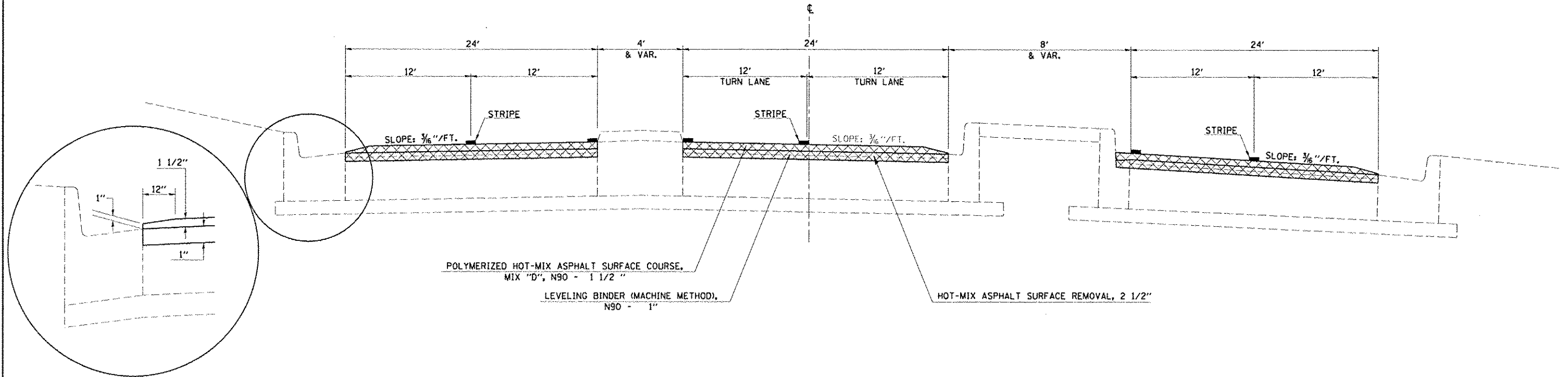
STATION TO STATION  
 1066+27.00 TO 1069+43.93 (BK) = 51+71.69 (AH)  
 51+71.69 TO 55+61.20  
 60+71.57 TO 66+87.42



FILE NAME: \\s\dot\6888 - d7 var var\work order 3	USER NAME: dbullock	DESIGNED: CAS	REVISED:	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS FAP 320 (IL 121 / IL 48)</b>			F.A.P. RTE. 320	SECTION (126)RS-2,135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 15
	11 121 resur FaqjgVoddt dwd\10774624-sho.tg	DRAWN: DLB	REVISED:		SCALE:	SHEET 1 OF 6 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				
	PLOT SCALE - 48.0000 1/2 in.	CHECKED: JMB	REVISED:									
	PLOT DATE: 8/19/2014	DATE: 8/13/14	REVISED:									

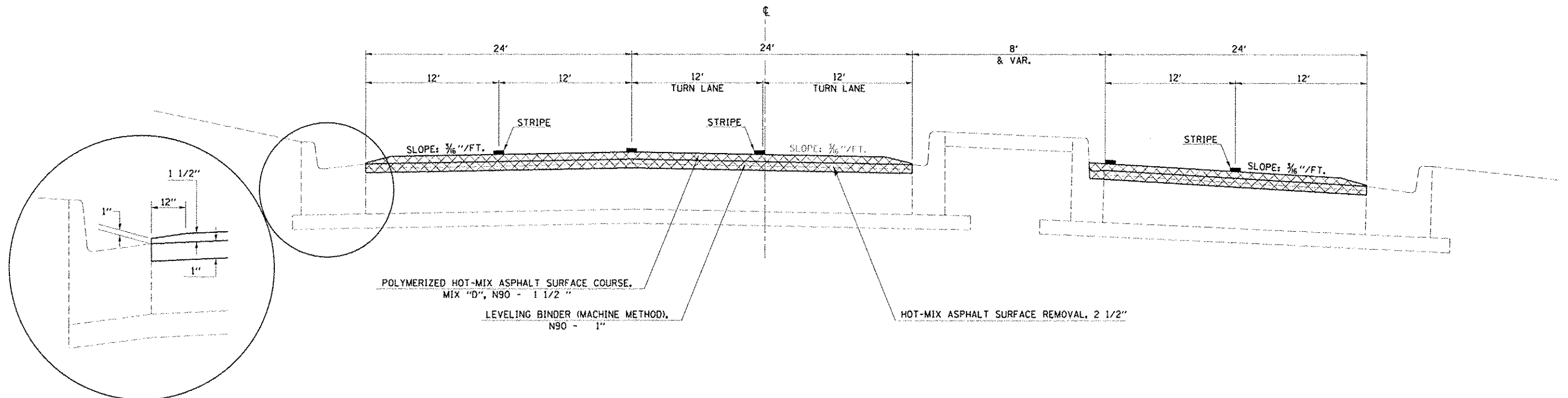
### PROPOSED TYPICAL CROSS SECTION ③

STATION 55+61.20 TO STATION 56+77.00



### PROPOSED TYPICAL CROSS SECTION ④

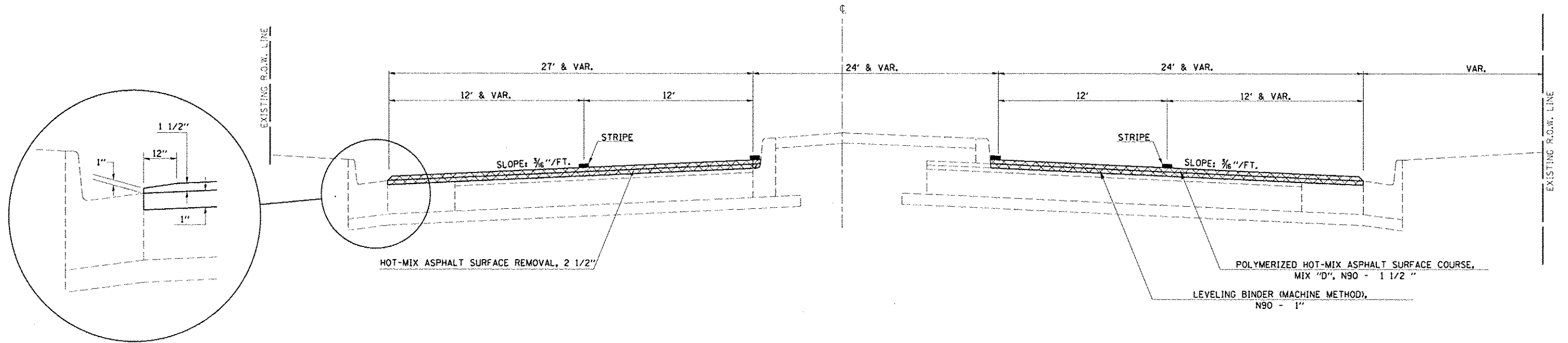
STATION 56+77.00 TO STATION 60+71.57



FILE NAME	USER NAME	DESIGNED	CAS	REVISED		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11/20/14/GRMB - d7 var var work order 3	11/21/14/resurfacing/road/556120-567700-1/14	DRAWN	DLB	REVISED			320	(126)RS-2,135RS-1	MACON	119	16		
PL01 SCALE = 48,0000 1/4"	PL01 DATE = 8/13/2014	CHECKED	JMB	REVISED			SCALE:	SHEET 2 OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
DATE	8/13/14	REVISED											

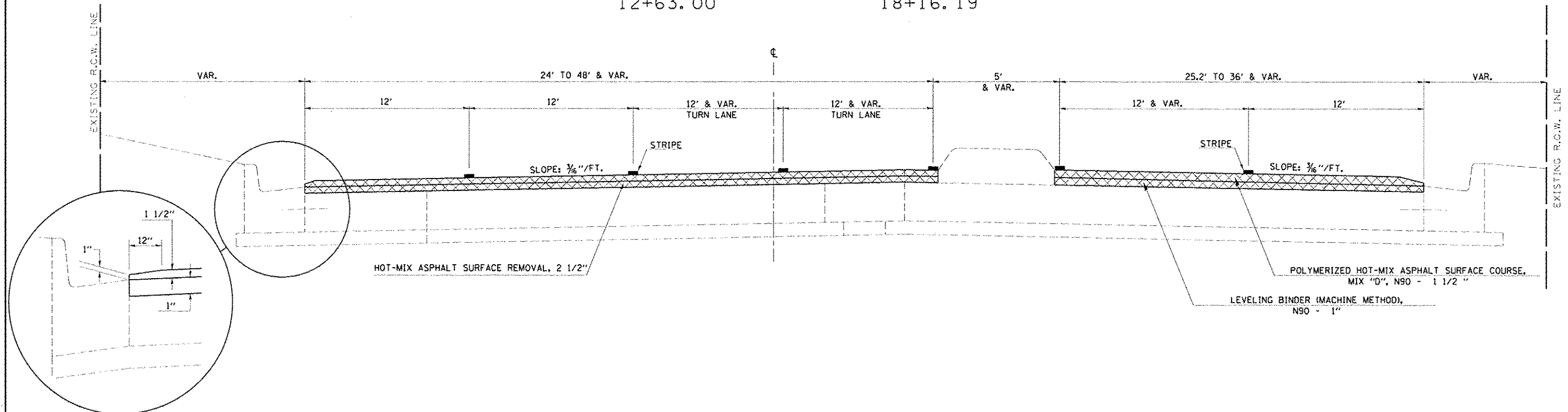
## PROPOSED TYPICAL CROSS SECTION ⑤

STATION TO STATION  
 66+87.42 TO 69+44.01 (BK) = 8+90.71 (AH)  
 8+90.71 TO 12+63.00



## PROPOSED TYPICAL CROSS SECTION ⑥

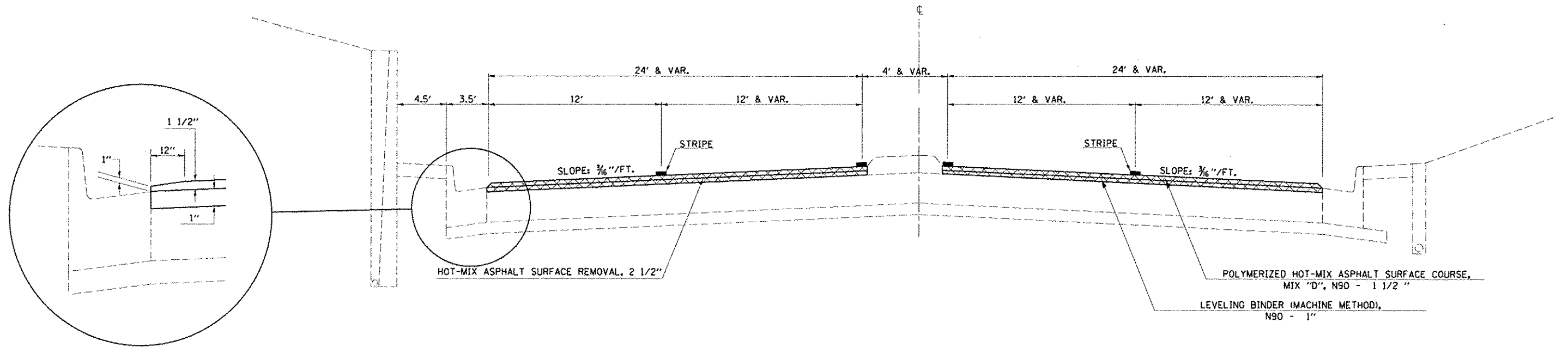
STATION TO STATION  
 12+63.00 TO 18+16.19



FILE NAME d:\data\6888 - d7 var var\work order 3	USER NAME : dbulluck d:\121\resurfacing\road\civil\0774624\shd.tu PLOT SCALE = 48:0000 / 1" = 120' PLOT DATE = 8/19/2014	DESIGNED - CAS DRAWN - DLB CHECKED - JMB DATE - 8/13/14	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS FAP 320 (IL 121 / IL 48)	F.A.P. RTE. 320	SECTION (126X)RS-2,135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 17	CONTRACT NO. 74624
SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.					ILLINOIS FED. AID PROJECT						

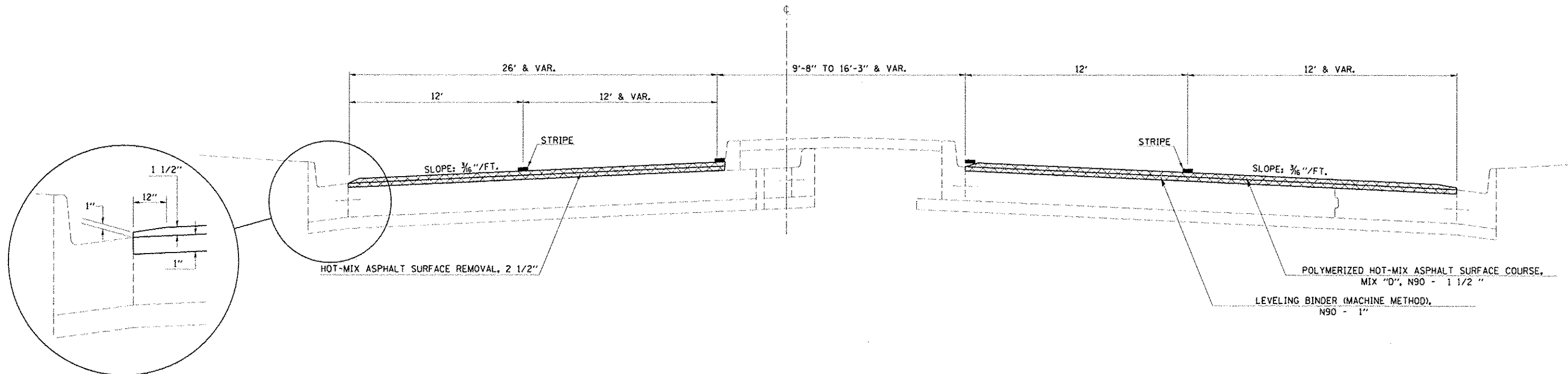
# PROPOSED TYPICAL CROSS SECTION 7

STATION 18+16.19 TO STATION 33.87+70



# PROPOSED TYPICAL CROSS SECTION 8

STATION 33+87.70 TO STATION 37+38.17

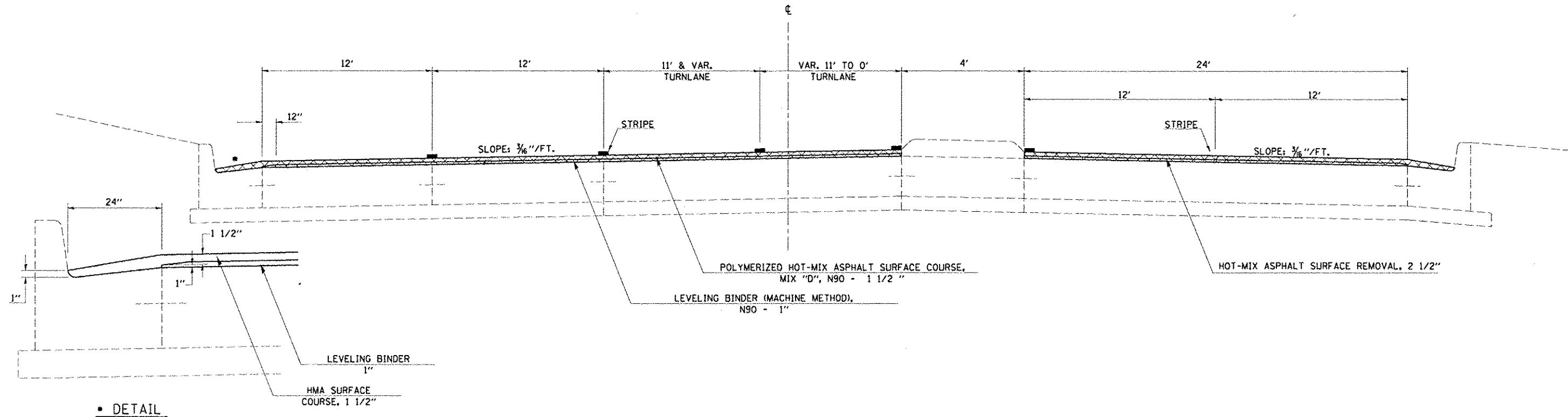


FILE NAME : 112106000 - d7 var var work order 3	USER NAME : dballock 112106000\ballock.dwg 11/13/14 10:41:17 AM	DESIGNED - CAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS FAP 320 (IL 121 /IL 48)		F.A.P. RTE. 320	SECTION (126XRS-2,135RS-1)	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 18	
DRAWN - DLB	CHECKED - JMB	DATE - 8/13/14	REVISED -		SCALE:	SHEET 4 OF 6 SHEETS	STA.	TO STA.	CONTRACT NO. 74624			
DATE - 8/13/14	DATE - 8/13/14	DATE - 8/13/14	DATE - 8/13/14									



# PROPOSED TYPICAL CROSS SECTION ⑨

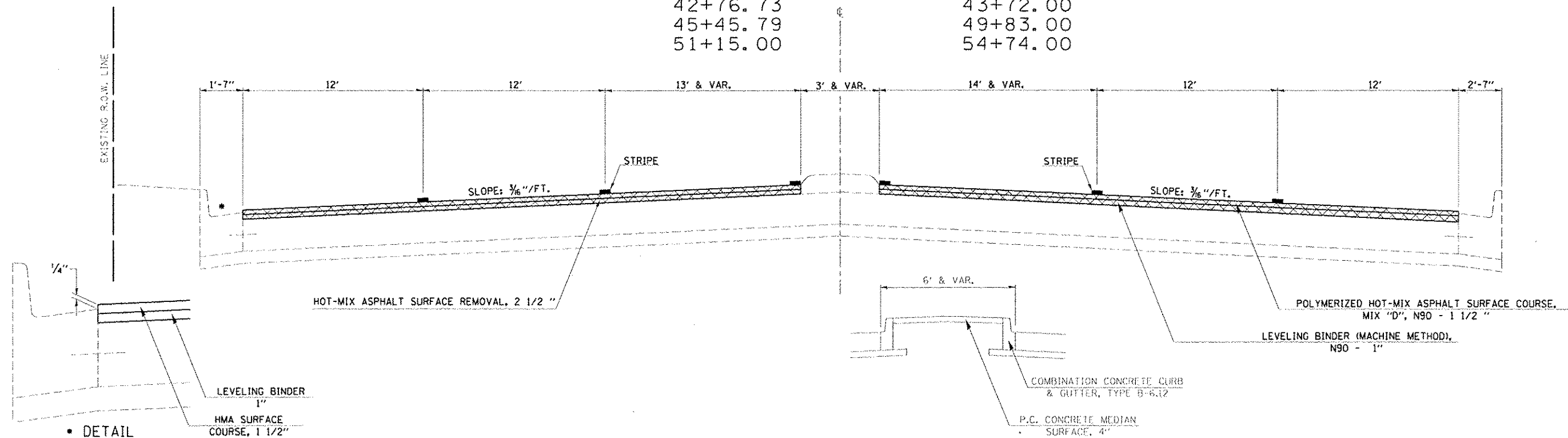
STATION 37+38.17 TO STATION 42+76.73



• DETAIL

# PROPOSED TYPICAL CROSS SECTION ⑩

STATION 42+76.73 TO STATION 43+72.00  
 45+45.79 TO STATION 49+83.00  
 51+15.00 TO STATION 54+74.00



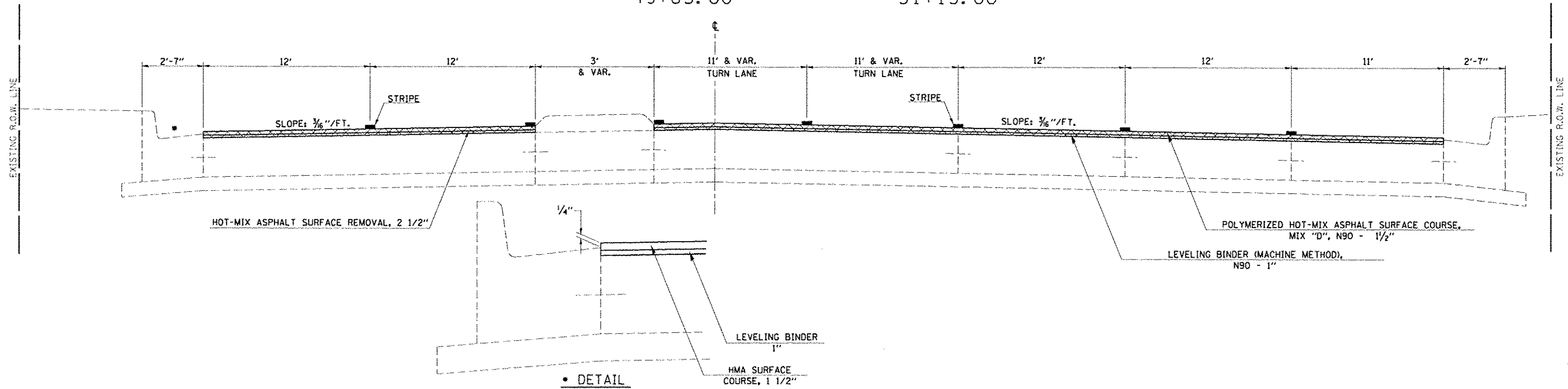
• DETAIL

STA. 51+61.42 TO STA. 54+74.00

FILE NAME -	USER NAME - dballock	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS FAP 320 (IL 121 / IL 48)</b>			F.A.P. RTE. -	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11/15/2014 - d7 var var/work order 3	11/21/2014 - issue for final approval	DRAWN - DLB	REVISED -					320	(126XRS-2,135RS-1)	MACON	119	19
Default	Default	CHECKED - JMB	REVISED -					CONTRACT NO. 74624				
		DATE - 8/13/14	REVISED -					ILLINOIS FED. AID PROJECT				
								SCALE:	SHEET 5 OF 6 SHEETS	STA.	TO STA.	

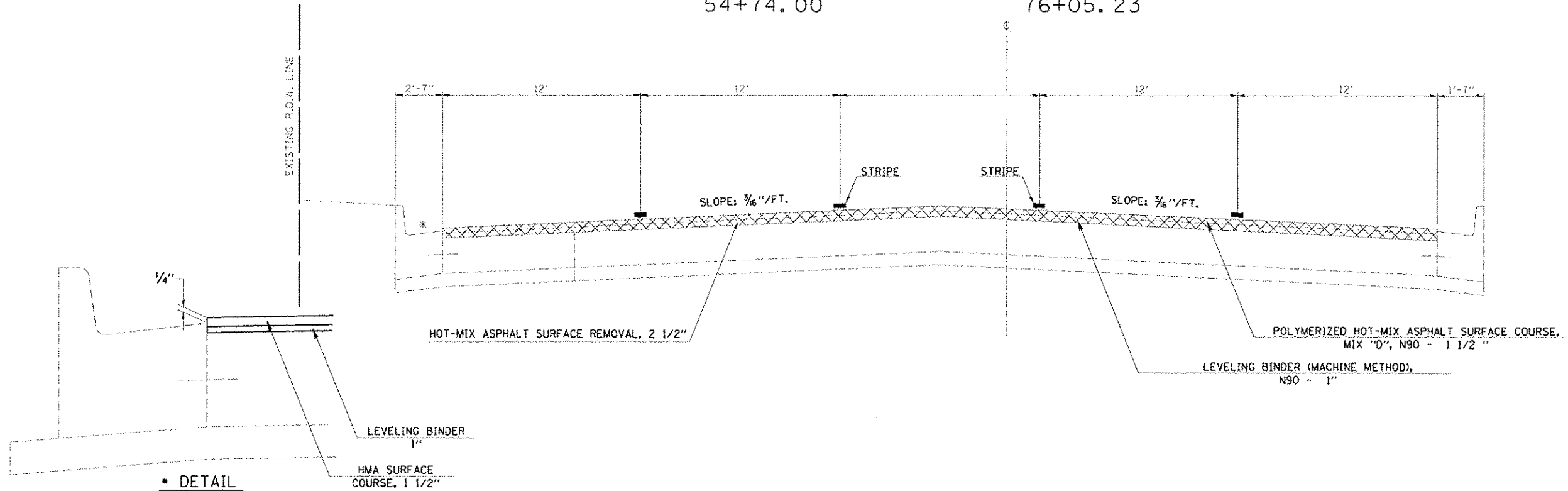
# PROPOSED TYPICAL CROSS SECTION 11

STATION TO STATION  
 43+72.00 TO 45+45.79  
 49+83.00 TO 51+15.00



# PROPOSED TYPICAL CROSS SECTION 12

STATION TO STATION  
 54+74.00 TO 76+05.23



FILE NAME	USER NAME - dmullink	DESIGNED - CAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS			F.A.P. RTE. 320	SECTION (126XRS-2,135RS-1)	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 20
11 121 esour facing\oads.ctv\10774624-sh1.t	DRAWN - DLB	CHECKED - JMB	REVISED -		FAP 320 (IL 121 /IL 48)			CONTRACT NO. 74624		ILLINOIS FED. AID PROJECT		
PLOT SCALE - 48,0000 1/2 in.	DATE - 8/13/14	DATE - 8/13/14	REVISED -		SCALE:	SHEET 6	OF 6 SHEETS	STA.	TO STA.			
PLOT DATE - 8/13/2014												

CURB AND MEDIAN REMOVAL AND/OR REPLACEMENT SCHEDULE

STATION	CURB		CURB AND GUTTER										MEDIAN			
	TYPE B		TYPE B9.06(SPECIAL)(LF)			TYPE B6.12(LF)			TYPE B6.24(LF)			TYPE B(SPECIAL)(LF)			TY SB-6.24	4" SURFACE
	MED	LT	MED	RT	LT	MED	RT	LT	MED	RT	LT	MED	RT	SO. FT.	SO. FT.	
1023+82.2														6		
1024+20.6								6								
1024+64.4															111	
1026+16.8								27								
1028+05.5												4				
1028+14.3												20				
1028+50.8							26									
1028+52.0												9				
1028+85.1										2						
1029+24.6										2						
1029+25.1										2						
1029+40.1										2						
1029+56.0										2						
1030+00.7										2						
1030+24.1										4						
1030+45.8										2						
1030+55.7										4						
1030+66.7										4						
1030+75.6										3						
1030+92.8										4						
1031+09.3										5						
1031+32.8										3						
1031+54.8										5						
1034+70.1 LT										8						
1034+70.1 RT										5						
1035+63.7										22						
1035+99.0										2						
1036+20.4										3						
1036+67.7										5						
1037+00.0										4						
1037+13.8										2						
1037+40.7										3						
1037+53.0										4						
1037+65.6										19						
1037+70.0										4						
1037+90.0										2						
1038+08.5												2				
1039+01.9														38		
1039+05.4										2						
1039+16.4										2						
1039+30.4										6						
1039+86.0										2						
1040+15.2										2						
1040+26.2										2						
1040+29.1										3						
1040+35.2										3						
1040+46.1										3						
1040+58.1										2						
1040+70.1										2						
1040+90.4										2						
1041+13.0										2						
1041+34.4										2						

CURB AND MEDIAN REMOVAL AND/OR REPLACEMENT SCHEDULE

STATION	CURB		CURB AND GUTTER										MEDIAN			
	TYPE B		TYPE B9.06(SPECIAL)(LF)			TYPE B6.12(LF)			TYPE B6.24(LF)			TYPE B(SPECIAL)(LF)			TY SB-6.24	4" SURFACE
	MED	LT	MED	RT	LT	MED	RT	LT	MED	RT	LT	MED	RT	SO. FT.	SO. FT.	
1041+36.3														5		
1042+24.5															800	
1042+41.9														2		
1042+49.8														5		
1042+59.9														2		
1042+65.9														6		
1042+69.7														5		
1043+70.4														4		
1043+88.8														4		
1044+13.0															2	
1044+59.1														3		
1044+71.1														10		
1045+58.1														5		
1045+71.0														6		
1045+71.1														2		
1047+45.2															50	
1048+35.5														2		
1049+74.3														8		
1050+35.5														2		
1050+44.5														2		
1050+71.5														2		
1052+73.9															71	
1052+76.5														5		
1053+00.1														2		
1053+14.3														2		
1053+32.5														4		
1053+51.8														3		
1053+78.3														2		
1054+14.6														3		
1054+32.4														3		
1054+55.4														3		
1054+81.9														8		
1055+00.0														2		
1055+35.3														10		
1056+70.1														2		
1056+85.1														2		
1056+91.1														2		
1057+01.1														2		
1057+10.1														2		
1057+15.1														2		
1059+95.2															1621	
1060+42.0														2		
1063+18.4														2		
1065+05.9														2		
1065+15.6														12		
1066+57.6															243	
55+02.5															160	
55+66.1															8	
55+68.6														22		
56+05.7															3	
56+06.5															1103	
56+19.7															2	

**CURB AND MEDIAN REMOVAL AND/OR REPLACEMENT SCHEDULE**

STATION	CURB TYPE B MED	CURB AND GUTTER												MEDIAN			
		TYPE B9.06(SPECIAL)(LF)				TYPE B6.12(LF)				TYPE B6.24(LF)				TYPE B(SPECIAL)(LF)		TY SB-6.24 SQ. FT.	4" SURFACE SQ. FT.
		LT	MED	RT		LT	MED	RT		LT	MED	RT		LT	MED		
56+29.7																5	
56+56.8			2														
56+61.0			8														
60+15.6																5	
60+72.5																	111
61+76.5																2	
64+65.1							10										
65+19.5																5	
66+06.0																2	
68+96.7	2						2										
69+03.7	2						2										
10+96.5			69														
14+74.5																5	
15+27.8																2	
15+40.0																2	
19+66.8																65	
20+40.1																54	
22+16.7																4	
23+25.0																85	
24+16.1											27						
25+00.6																47	
25+56.5																14	
25+71.1																37	
26+25.4																5	
26+65.7																27	
27+79.5																170	
28+08.9																5	
28+20.1																4	
29+07.9																52	
29+24.4																2	
29+90.2																2	
30+12.2																4	
34+52.4 LT	37																
34+52.4 RT							37										
34+34.1																	430
35+51.1	4																
40+03.0																2	
44+11.7																	12
44+30.7																	12
44+38.7																	12
44+50.7																	12
44+57.7																	12
45+51.1																	32
49+72.6																	12
52+21.8																72	
54+56.9																	248
SUB TOTAL	45	0	79	0	0	485	2	114	0	80	189	0	336	110		4986	
GRAND TOTAL	45		79			487		194			525			110		4986	

**SURVEY MARKER SCHEDULE**

	Station	+/- Offset	Description	Existing Marker	Type 1 PSM (EACH)	Type 2 PSM Cased In place (EACH)	Vault (EACH)	Protecting or Resetting Survey Marker (EACH)
POT	1025+25.00	0		IP w/cap			1	1
PI	1027+67.67			IP In Vault			1	1
POT	1039+75	0		Drill hole		1		1
POT	1051+81.31	0		IP In Vault			1	1
POT	1061+00	0		Drill hole		1		1
PC	1068+93.93	0		IP w/cap			1	1
PI	1069+18.93			IP w/cap		1		1
PT	Eq 1069+43.00	0		IP w/cap			1	1
Sec Cor	50+92	-2	NW sec 1 T16N R2E, MR	Brass Disk In Vault			1	1
POT	55+37.00	0		Brass Disk In Vault			1	1
	55+38.59	-29.2212		Vault			1	1
Sec Cor	60+35.45	-18.026	SE sec 34 T17N R2E, MR	Stone In Vault			1	1
Sec Cor	60+41.45	-18.026	NW sec 2 T16N R2E, MR	IP In vault			1	1
PC	64+36.96	0		Brass Disk Vault			1	1
PI	64+99.65			IP w/cap		1		1
PRC	65+62.23	0		Brass Disk In Vault			1	1
PI	66+24.82	-1.945		IP w/cap		1		1
PT	66+87.37	0	stamped 66+88.05	Brass Disk In Vault			1	1
POT	Eq 69+44.01	0		Drill hole	1			1
POT	20+00	0		Drill hole	1			1
POT	29+50	0		Drill hole	1			1
POT	37+00	0		Drill hole	1			1
POT	48+00	0		Drill hole	1			1
POT	60+00	0		Mag nail & washer	1			1
POT	70+00	0		Mag nail & washer	1			1
TOTALS					7	5	13	25

MR = Monument Record

**INCIDENTAL HOT-MIX ASPHALT SURFACE SCHEDULE**

LOCATION	NO. OF DRIVEWAYS	AREA (SQ FT)	AREA (SQ YD)	TON
UNIVERSITY TO PERSHING CT	10	480.00	53.33	3.36
PERSHING CT TO MONROE	16	768.00	85.33	5.38
MONROE TO MAIN	13	624.00	69.33	4.37
MAIN TO MLK	19	912.00	101.33	6.38
MLK TO VICKI DR	8	384.00	42.67	2.69
VICKI DR TO WOODFORD AVE	19	912.00	101.33	6.38
WOODFORD AVE TO STA 77+00	31	1488.00	165.33	10.42
TOTAL		6188.00	688.67	38.98
			ROUNDED	39.00

**INLETS TO BE ADJUSTED SCHEDULE W/NEW TYPE 11 FRAME & GRATE**

STATION	LOCATION	O/S	QUADRANT	QUANTITY (EA)
55+64.69	MAIN ST	43.29' RT	SE	1
65+31.5		27.4' RT		1
67+71.1		26.3' RT		1
Total				3

**PCC SIDEWALK 5" (SPECIAL) SCHEDULE**

STATION	OFFSET	AREA (SF)
31+54	36 LT	221.30
31+54	36 LT	54.70
31+58	52 RT	352.00
31+58	52 RT	52.60
Total		680.60
Rounded		681

**PAVEMENT MARKING SCHEDULE**

LOCATION	THERMOPLASTIC PAVEMENT MARKING LINE - 4" YELLOW SOLID (LF)	THERMOPLASTIC PAVEMENT MARKING LINE - 4" YELLOW SKIP DASH (LF)	THERMOPLASTIC PAVEMENT MARKING LINE - 4" YELLOW DOUBLE (LF)	THERMOPLASTIC PAVEMENT MARKING LINE - 6" WHITE SOLID (LF)	THERMOPLASTIC PAVEMENT MARKING LINE - 6" WHITE SKIP DASH (LF)	THERMOPLASTIC PAVEMENT MARKING LINE - 6" WHITE DOTTED (LF)	THERMOPLASTIC PAVEMENT MARKING LINE - 8" WHITE SOLID (LF)	THERMOPLASTIC PAVEMENT MARKING LINE - 12" WHITE SOLID (LF)	THERMOPLASTIC PAVEMENT MARKING LINE - 24" WHITE SOLID (LF)	THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS WHITE (SF)	PERFORMED PLASTIC PAVEMENT MARKING TYPE B-4" YELLOW SOLID (LF)	PERFORMED PLASTIC PAVEMENT MARKING TYPE B-6" WHITE SKIP DASH (LF)	PERFORMED PLASTIC PAVEMENT MARKING TYPE B-12" WHITE SOLID (LF)	PRISMATIC CURB REFLECTORS CRYSTAL (EACH)	PRISMATIC CURB REFLECTORS AMBER (EACH)	RAISED REFLECTIVE PAVEMENT MARKERS CRYSTAL (EACH)	RAISED REFLECTIVE PAVEMENT MARKERS AMBER (EACH)
UNIVERSITY TO PERSHING CT.	2403			1253	560	299	332	998	220	202.4			244	33	102	56	
PERSHING CT. TO MONROE	3092			825	870	234	0	506	154	184.8					151	70	
MONROE TO MAIN ST.	3537			872	900	255	416	554	184	158.4	339	100		10	152	76	
MAIN ST. TO MARTIN LUTHER KING	3190		120	2021	910	307	724	494	365	396.6				35	124	95	
MARTIN LUTHER KING TO VICKI DR.	3508		66	754	860	213	312	481	343	140.8				20	148	108	
VICKI DR TO WOODFORD AVE.	3204			2092	830	532	474	165	511	352.0					26	69	107
WOODFORD AVE. TO STA 77+00	4903	1070		390	1230	91	311	81	166	333.6							
<b>SUB-TOTALS</b>	<b>23837</b>	<b>1070</b>	<b>186</b>	<b>8207</b>	<b>6160</b>	<b>1931</b>	<b>2569</b>	<b>3279</b>	<b>1943</b>	<b>1769</b>	<b>339</b>	<b>100</b>	<b>244</b>	<b>98</b>	<b>830</b>	<b>542</b>	<b>107</b>
<b>TOTALS</b>		<b>25093</b>			<b>16298</b>		<b>2569</b>	<b>3279</b>	<b>1943</b>	<b>1769</b>	<b>339</b>	<b>100</b>	<b>244</b>	<b>928</b>			<b>649</b>

**PCC SIDEWALK 5" SCHEDULE**

STATION	OFFSET	AREA (SF)
1020+41	53 LT	112.00
1020+32	44 RT	123.00
1021+03	52 LT	339.00
1021+10	48 RT	155.00
1032+89	51 LT	177.00
1032+91	10 LT	40.00
1032+93	40 RT	127.00
1033+55	42 RT	146.00
1033+61	44 LT	162.00
1051+16	57 RT	34.00
1051+19	57 LT	123.00
1052+52	63 RT	68.00
54+82	80 RT	128.00
54+93	46 RT	60.00
54+98	77 LT	140.00
54+95	0 LT	212.00
60+81	4 RT	137.00
61+03	73 LT	341.00
61+03	67 RT	136.00
19+09	37 RT	103.00
19+15	51 LT	112.00

<b>Total</b>	<b>2975.00</b>
<b>Rounded</b>	<b>2975</b>

**PAVING SCHEDULE**

LOCATION	LEVELING BINDER (MACHINE METHOD), N90 (TONS)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N90 (TONS)	BITUMINOUS MATERIALS (PRIME COAT) 2 APPLICATIONS (POUND)	HOT-MIX ASPHALT SURFACE REMOVAL 2-1/2" (SQ YD)
UNIVERSITY TO PERSHING CT.	624.5	936.7	10036.0	11151.1
PERSHING CT. TO MONROE	847.4	1271.0	13618.3	15131.4
MONROE TO MAIN ST.	880.3	1320.5	14147.7	15719.7
MAIN ST. TO MARTIN LUTHER KING	938.4	1407.7	15082.1	16757.9
MARTIN LUTHER KING TO VICKI DR	790.1	1185.1	12698.0	14108.9
VICKI DR TO WOODFORD AVE.	979.0	1468.5	15734.0	17482.2
WOODFORD AVE. TO STA 77+00	1005.8	1508.7	16164.4	17960.4
<b>TOTALS</b>	<b>6065</b>	<b>9098</b>	<b>97481</b>	<b>108312</b>

**MANHOLES TO BE ADJUSTED SCHEDULE**

STATION	LOCATION	O/S	QUADRANT	QUANTITY (EA)
1051+21.54	MACARTHUR	67.09 LT	NW	1
<b>Total</b>				<b>1</b>

**TEMPORARY RAMP, SPECIAL SCHEDULE**

STATION	NO. OF DRIVEWAYS	AREA (SQ FT)	AREA (SQ YD)
UNIVERSITY TO PERSHING CT	10	480.00	53.33
PERSHING CT TO MONROE	16	768.00	85.33
MONROE TO MAIN	13	624.00	69.33
MAIN TO MLK	19	912.00	101.33
MLK TO VICKI DR	8	384.00	42.67
VICKI DR TO WOODFORD AVE	19	912.00	101.33
WOODFORD AVE TO STA 77+00	31	1488.00	165.33
<b>TOTAL</b>		<b>6188.00</b>	<b>618.67</b>
<b>ROUNDED</b>			<b>619</b>

**DETECTABLE WARNINGS SCHEDULE**

STATION	OFFSET	AREA (SF)
1020+41	53 LT	16.00
1020+32	46 RT	22.00
1021+03	52 LT	10.00
1021+10	48 RT	13.00
1032+89	54 LT	10.00
1032+91	11 LT	10.00
1032+91	7 LT	10.00
1032+93	40 RT	10.00
1033+55	42 RT	10.00
1033+67	42 LT	10.00
1051+16	57 RT	10.00
1051+19	57 LT	10.00
1052+52	63 RT	11.00
54+84	83 RT	10.00
54+99	80 LT	18.00
54+93	46 RT	10.00
54+93	51 RT	10.00
54+94	16 RT	10.00
54+95	17 LT	10.00
60+82	17 RT	10.00
60+83	4 LT	10.00
61+03	72 LT	10.00
61+03	68 RT	10.00
19+09	37 RT	10.00
19+15	51 LT	12.00
31+54	36 LT	10.00
31+49	46 RT	10.00
<b>Total</b>		<b>302.00</b>
<b>Rounded</b>		<b>302</b>

**TEMPORARY RAMP SCHEDULE**

STATION	OFFSET	SIZE	AREA (SF)	AREA (SY)
1021+00	LT & RT	8.33 X 98	816.34	90.70
OAKLAND AVE NORTH	LT	8.33 X 51	424.83	47.20
OAKLAND AVE SOUTH	RT	8.33 X 70	583.10	64.79
PERSHING CT	LT	8.33 X 56	466.48	51.83
LYNETTE CT	LT	8.33 X 54	449.82	49.98
BARNES DR	LT	8.33 X 53	441.49	49.05
MONTEZ DR	LT	8.33 X 55	458.15	50.91
MACARTHUR RD	LT	8.33 X 85	708.05	78.67
MONROE ST	RT	8.33 X 106	882.98	98.11
FAIR OAKS DR.	LT	8.33 X 40	333.20	37.02
GREENRIDGE DR	LT	8.33 X 64	533.12	59.24
WEST END BRIDGE	LT & RT	8.33 X 68	566.44	62.94
EAST END BRIDGE	LT & RT	8.33 X 68	566.44	62.94
MAIN ST	LT	8.33 X 56	466.48	51.83
MAIN ST	RT	8.33 X 59	491.47	54.61
WATER ST	LT	8.33 X 52	433.16	48.13
WATER ST	RT	8.33 X 65	541.45	60.16
MLK AVE	LT	8.33 X 76	633.08	70.34
MLK AVE	RT	8.33 X 76	633.08	70.34
BRETT AVE	LT	8.33 X 55	458.15	50.91
VICKI DR	LT	8.33 X 42	349.86	38.87
VICKI DR	RT	8.33 X 50	416.50	46.28
JASPER ST	RT	8.33 X 78	649.74	72.19
CHARLES ST	LT	8.33 X 106	882.98	98.11
WOODFORD AVE	LT	8.33 X 75	624.75	69.42
WOODFORD AVE	RT	8.33 X 73	608.09	67.57
KANDY LANE	LT	8.33 X 24	199.92	22.21
GRAND PRIX DR	LT	8.33 X 180	1499.40	166.60
75+52	RT	8.33 X 24	199.92	22.21
76+06	LT	8.33 X 37	308.21	34.25
<b>Total</b>			<b>16626.68</b>	<b>1847.41</b>
<b>Rounded</b>			<b>16627</b>	<b>1848</b>

Point 800 N 1,171,233.539 E 801,130.262 Sta 985+83.73  
 Course from 800 to 1010 S 50° 05' 41" E Dist 716.273  
 Point 1010 N 1,170,774.036 E 801,679.720 Sta 993+00.00  
 Course from 1010 to PC C5 S 49° 44' 39" E Dist 1,343.633

Curve Data

Curve C5  
 P.I. Station = 1013+08.64 N 1,169,476.057 E 803,212.644  
 Delta = 41° 05' 18" (LT)  
 Degree = 3° 13' 44"  
 Tangent = 665.000  
 Length = 1,272.507  
 Radius = 1,774.451  
 External = 120.516  
 Long Chord = 1,245.414  
 Mid. Ord. = 112.852  
 P.C. Station = 1006+43.64 N 1,169,905.781 E 802,705.138  
 P.T. Station = 1019+16.14 N 1,169,485.721 E 803,877.574  
 C.C. = N 1,171,259.985 E 803,851.788  
 Back = S 49° 44' 39" E  
 Ahead = N 89° 10' 03" E  
 Chord Bear = S 70° 17' 18" E

Equation: Sta 1019+16.14 (BK) = Sta 1019+20.56 (AH) -----  
 End Region 1  
 Begin Region 2

Point 94 N 1,169,485.721 E 803,877.574 Sta 1019+20.56  
 Course from 94 to 804 N 89° 10' 03" E Dist 847.109  
 Point 804 N 1,169,498.031 E 804,724.594 Sta 1027+67.67  
 Course from 804 to PC C4 N 89° 11' 44" E Dist 4,126.259

Curve Data

Curve C4  
 P.I. Station = 1069+18.93 N 1,169,556.322 E 808,875.446  
 Delta = 1° 48' 19" (LT)  
 Degree = 3° 36' 38"  
 Tangent = 25.002  
 Length = 50.000  
 Radius = 1,586.905  
 External = 0.197  
 Long Chord = 49.998  
 Mid. Ord. = 0.197  
 P.C. Station = 1068+93.93 N 1,169,555.971 E 808,850.446  
 P.T. Station = 1069+43.93 N 1,169,557.461 E 808,900.422  
 C.C. = N 1,171,142.719 E 808,828.163  
 Back = N 89° 11' 44" E  
 Ahead = N 87° 23' 25" E  
 Chord Bear = N 88° 17' 34" E

Equation: Sta 1069+43.93 (BK) = Sta 51+71.69 (AH) -----  
 End Region 2

Equation: Sta 1069+43.93 (BK) = Sta 51+71.69 (AH) -----  
 Begin Region 3  
 Point 95 N 1,169,557.461 E 808,900.422 Sta 51+71.69  
 Course from 95 to 810 N 87° 23' 25" E Dist 365.311  
 Point 810 N 1,169,574.095 E 809,265.354 Sta 55+37.00  
 Course from 810 to PC C1 N 87° 23' 25" E Dist 899.968

Curve Data

Curve C1  
 P.I. Station = 64+99.65 N 1,169,617.929 E 810,227.006  
 Delta = 6° 00' 50" (LT)  
 Degree = 4° 48' 06"  
 Tangent = 62.682  
 Length = 125.249  
 Radius = 1,193.268  
 External = 1.645  
 Long Chord = 125.191  
 Mid. Ord. = 1.643  
 P.C. Station = 64+36.97 N 1,169,615.075 E 810,164.389  
 P.T. Station = 65+62.22 N 1,169,627.328 E 810,288.979  
 C.C. = N 1,170,807.105 E 810,110.054  
 Back = N 87° 23' 25" E  
 Ahead = N 81° 22' 34" E  
 Chord Bear = N 84° 23' 00" E

Curve Data

Curve C2  
 P.I. Station = 66+24.90 N 1,169,636.726 E 810,350.952  
 Delta = 7° 03' 34" (RT)  
 Degree = 5° 38' 18"  
 Tangent = 62.682  
 Length = 125.205  
 Radius = 1,016.171  
 External = 1.931  
 Long Chord = 125.126  
 Mid. Ord. = 1.928  
 P.C. Station = 65+62.22 N 1,169,627.328 E 810,288.979  
 P.T. Station = 66+87.42 N 1,169,638.437 E 810,413.611  
 C.C. = N 1,168,622.645 E 810,441.349  
 Back = N 81° 22' 34" E  
 Ahead = N 88° 26' 09" E  
 Chord Bear = N 84° 54' 22" E

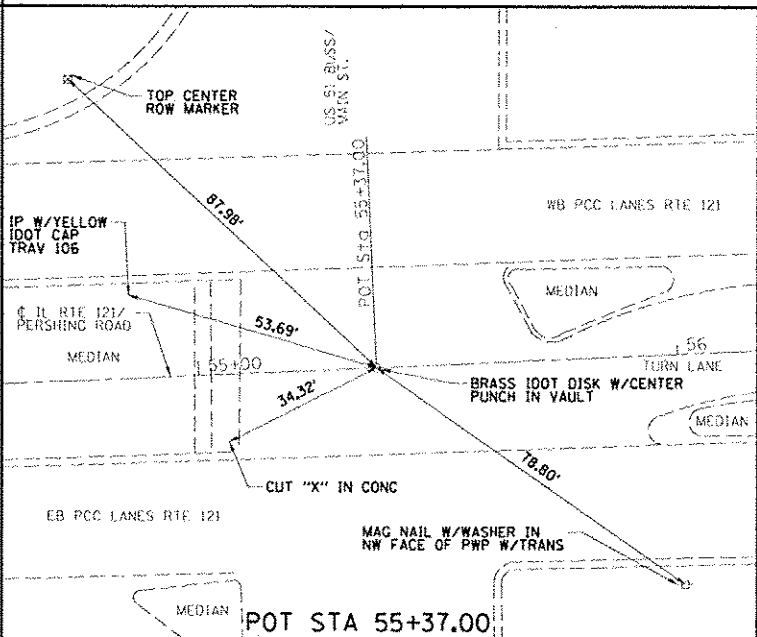
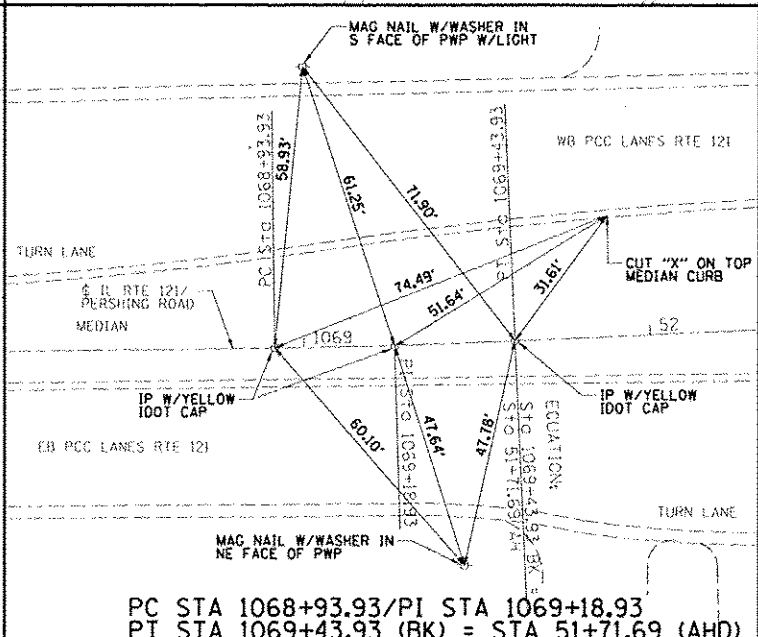
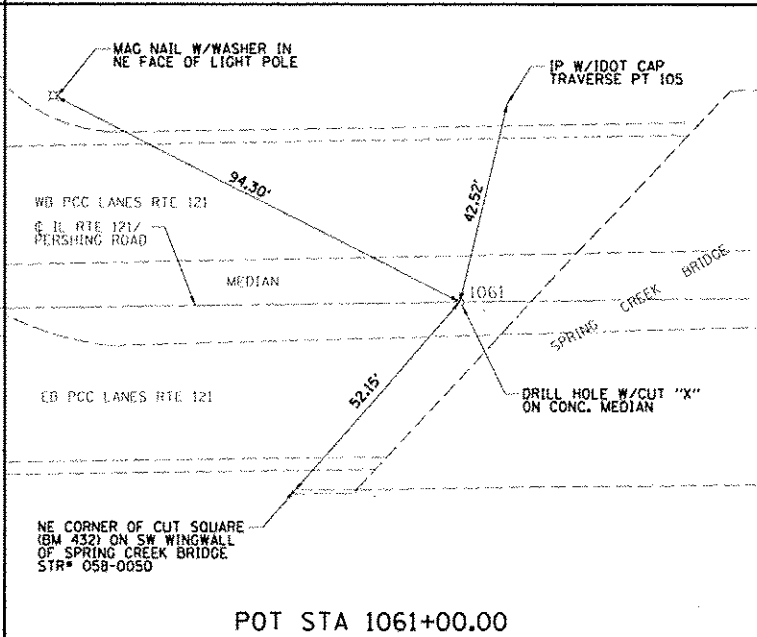
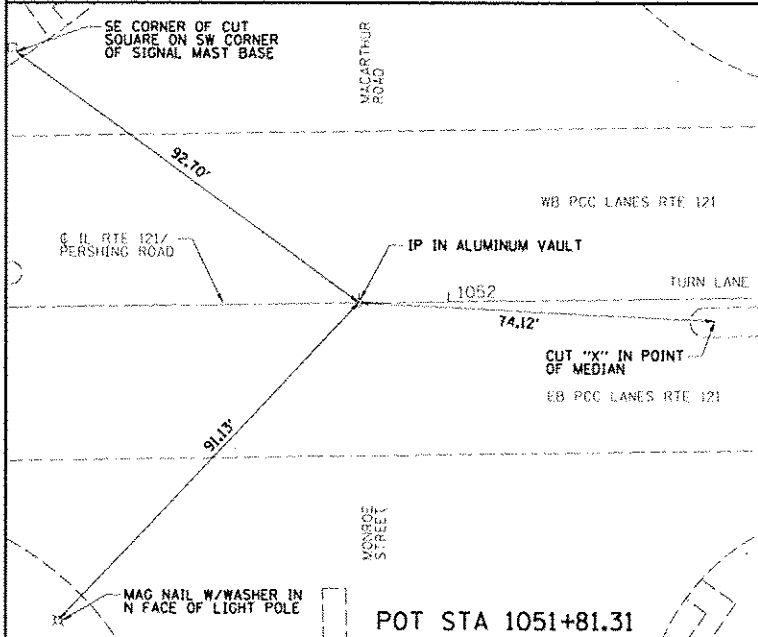
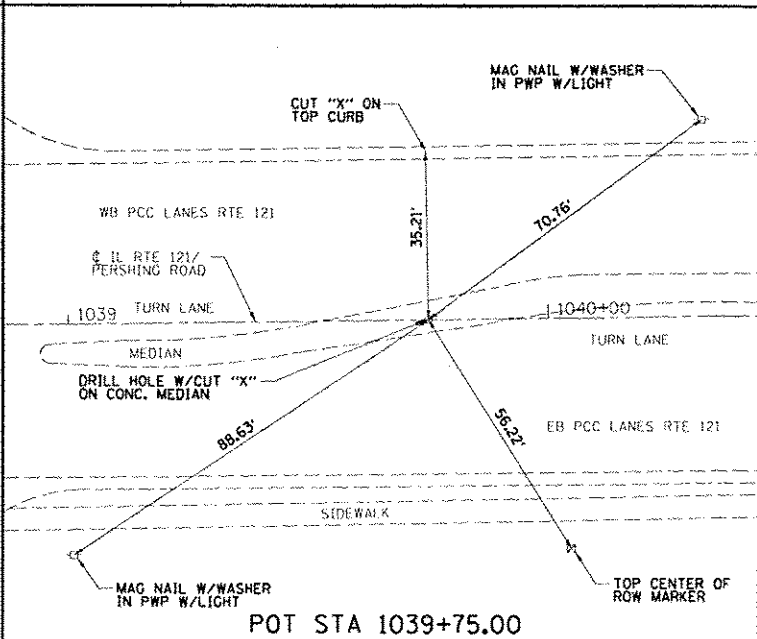
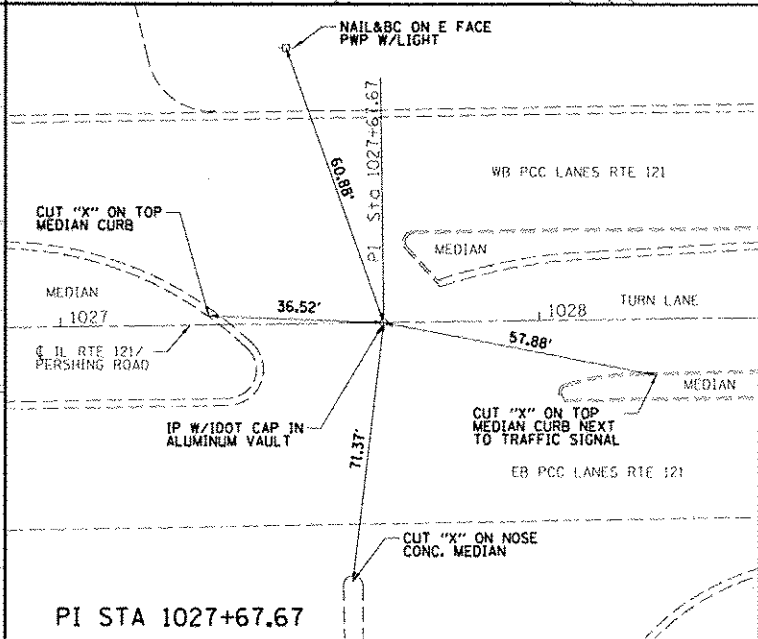
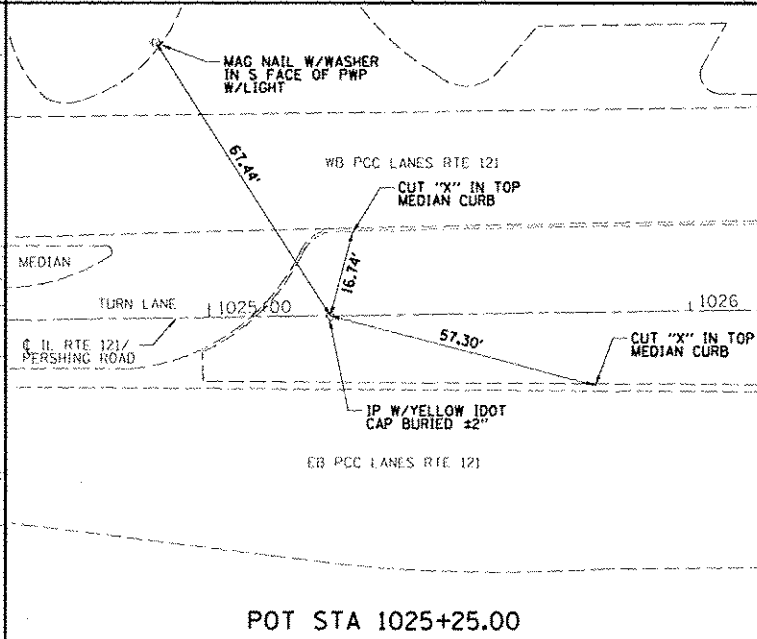
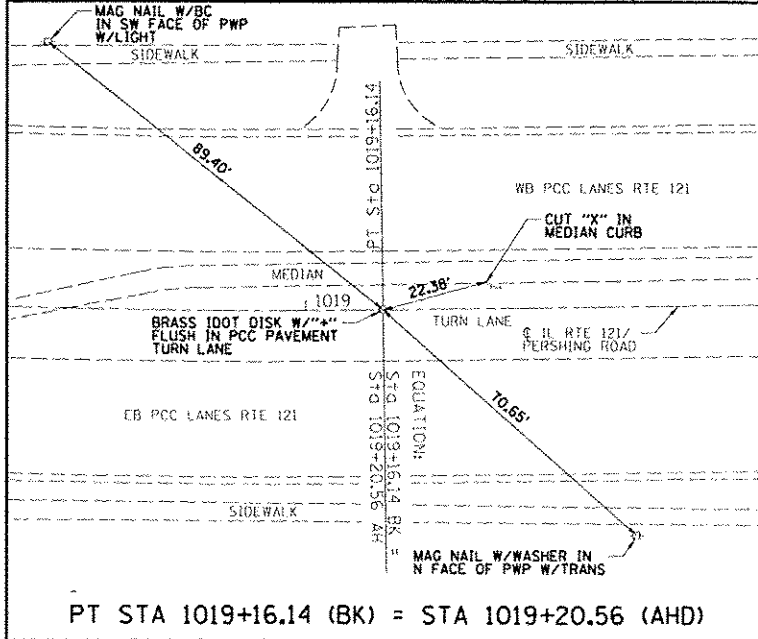
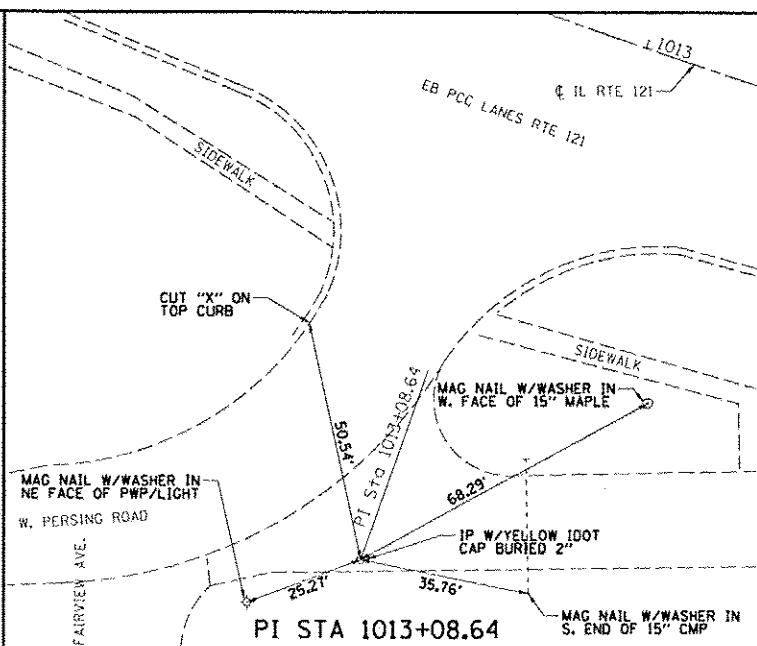
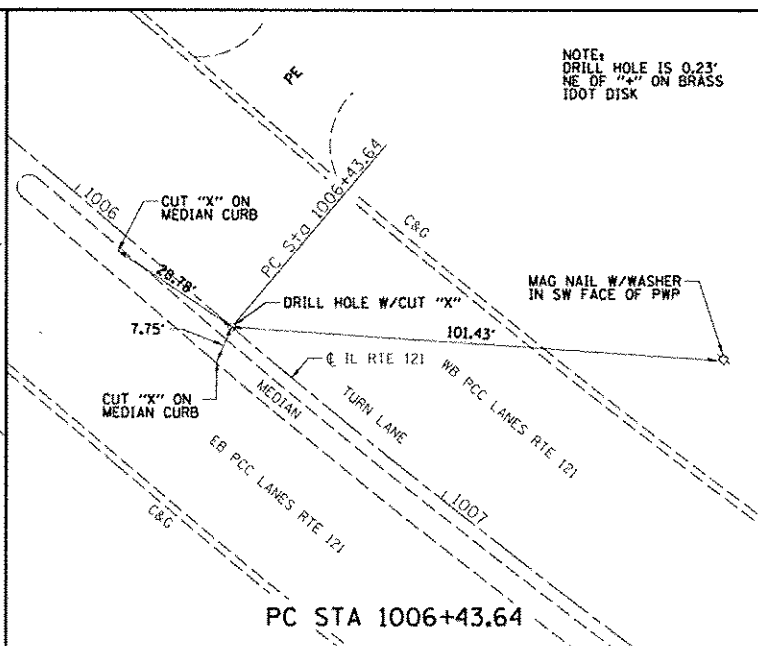
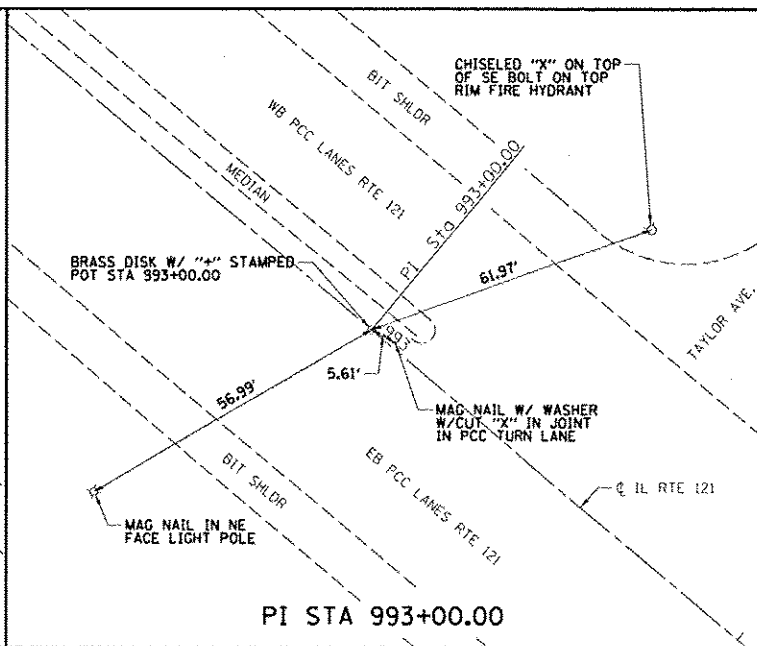
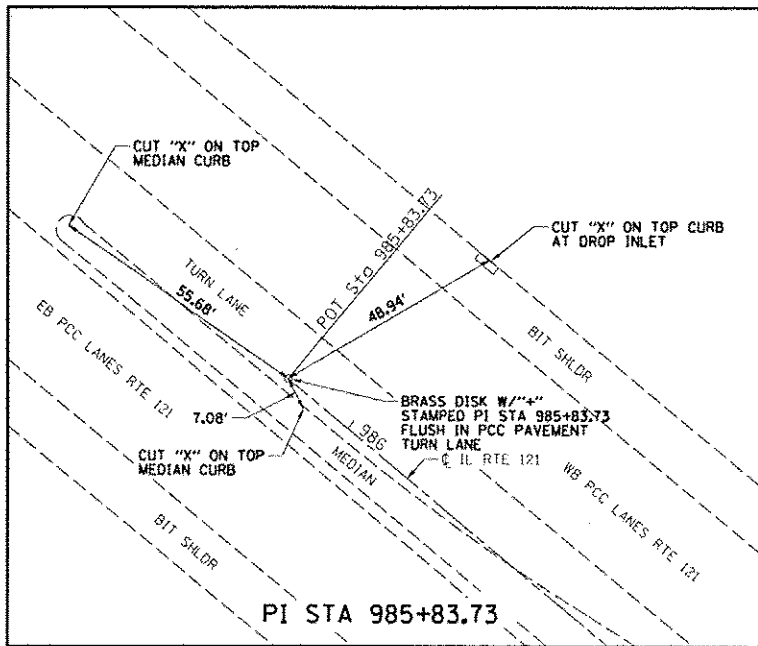
Course from PT C2 to 96 N 88° 26' 09" E Dist 256.586

Equation: Sta 69+44.01 (BK) = Sta 8+90.71 (AH) -----  
 End Region 3  
 Begin Region 4

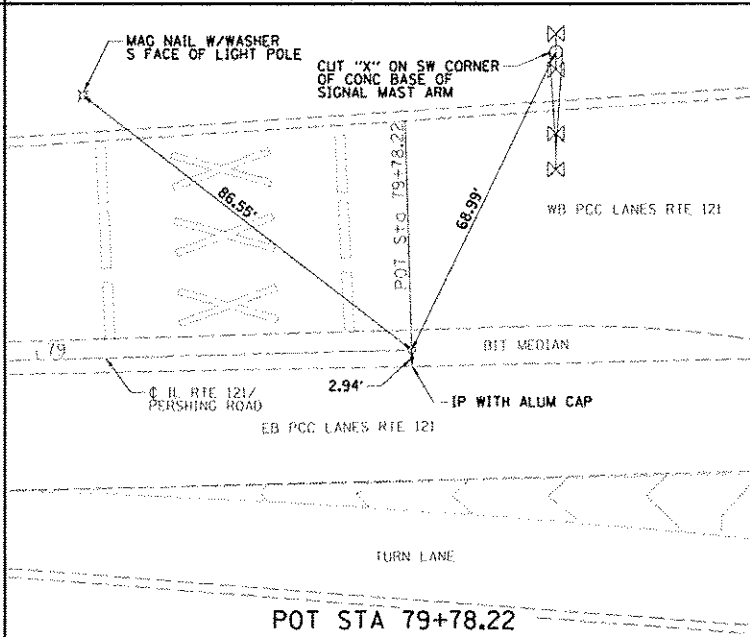
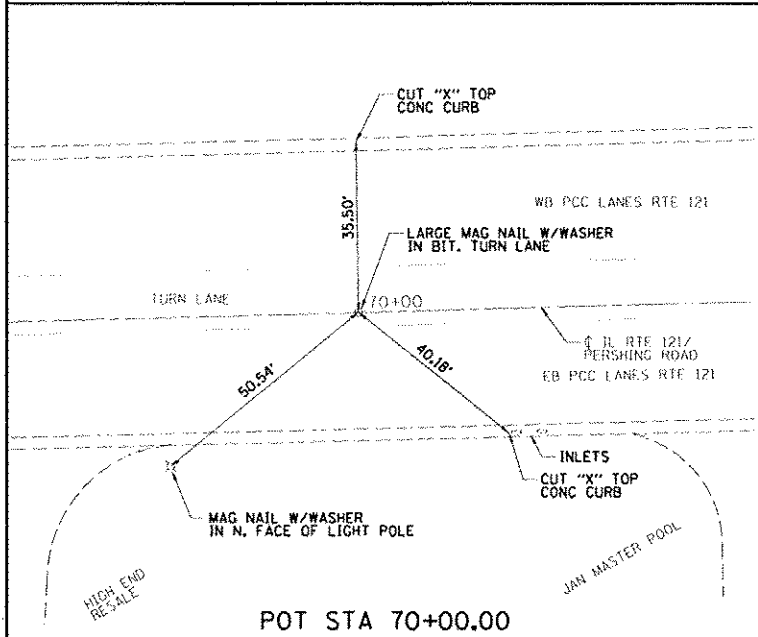
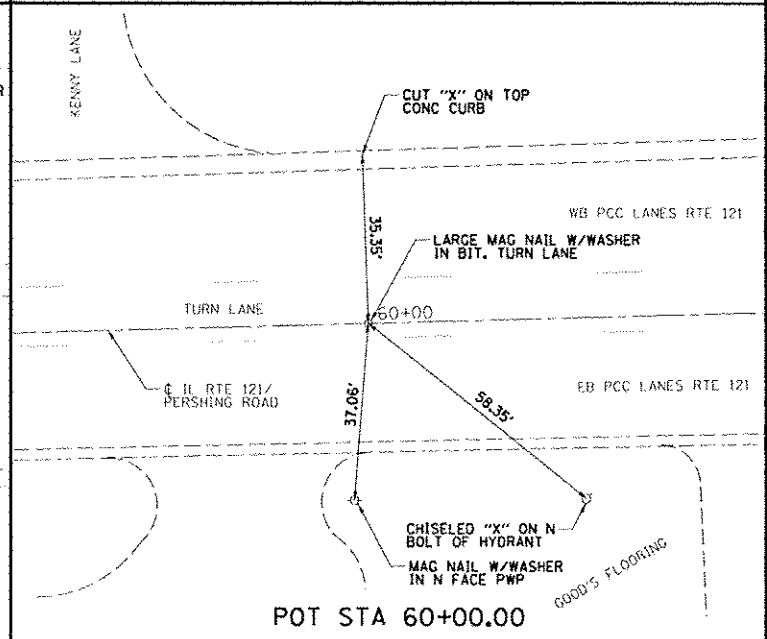
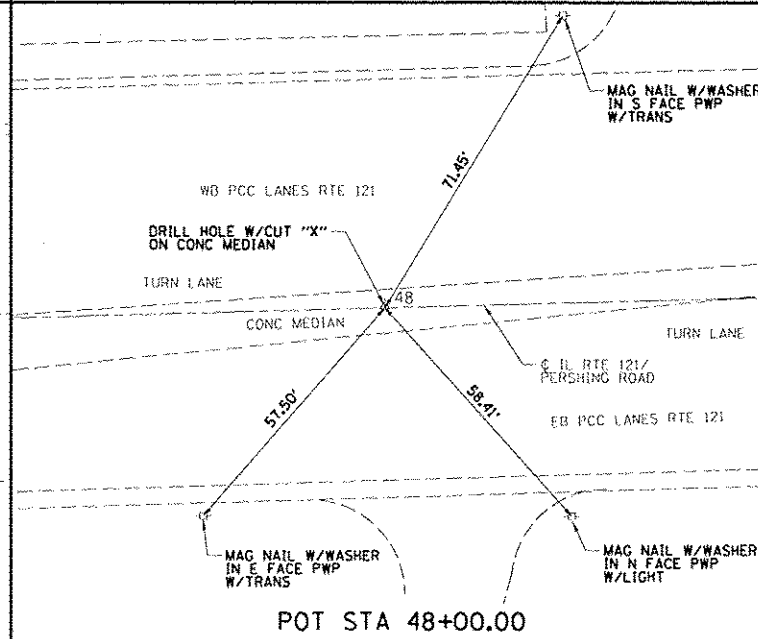
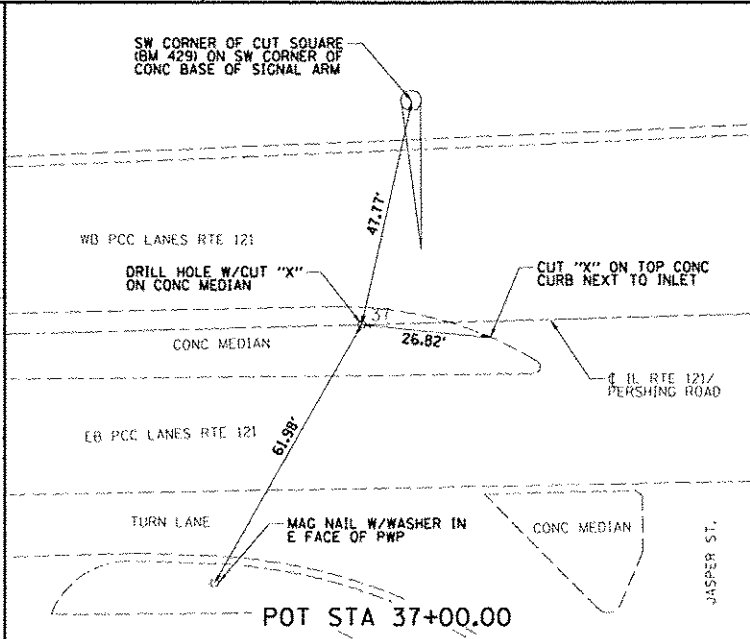
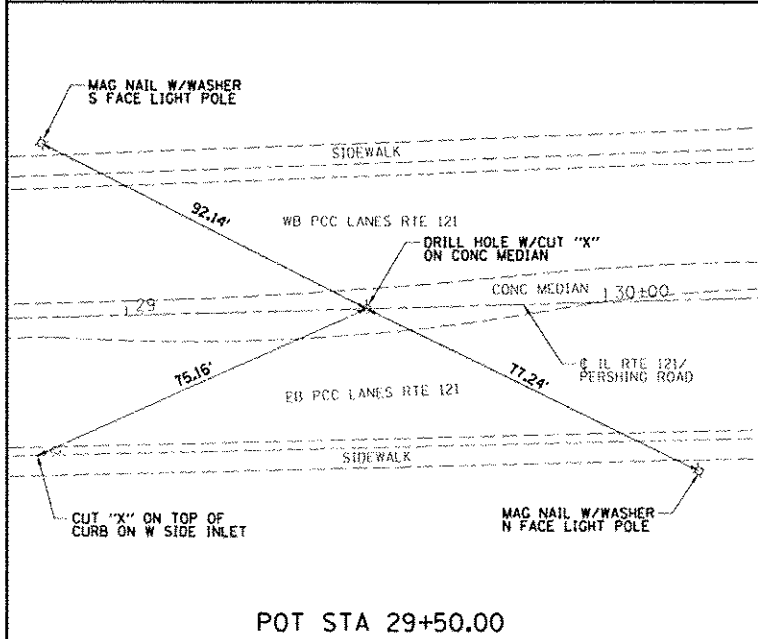
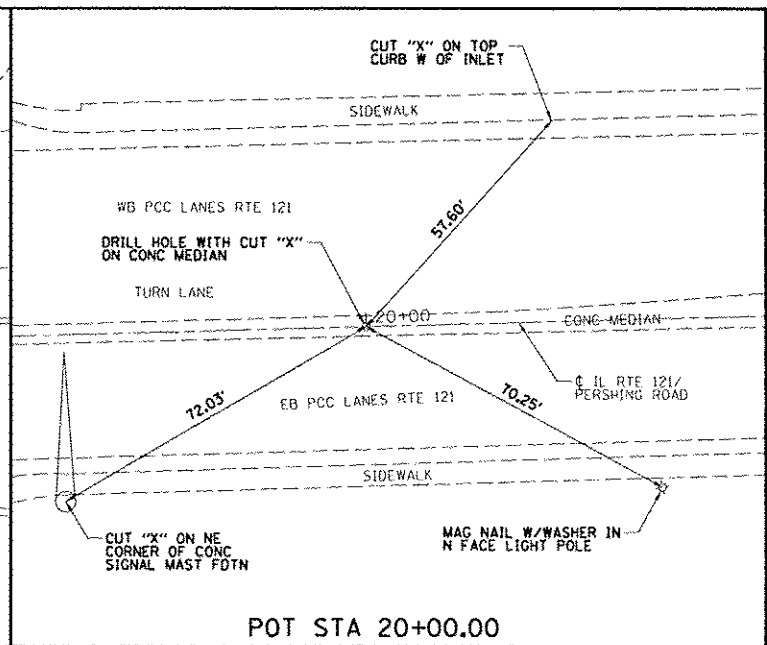
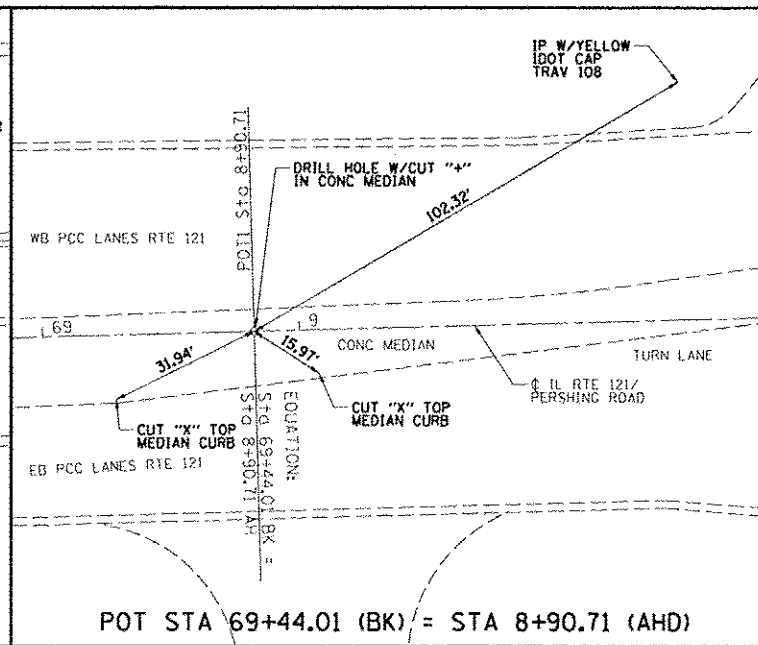
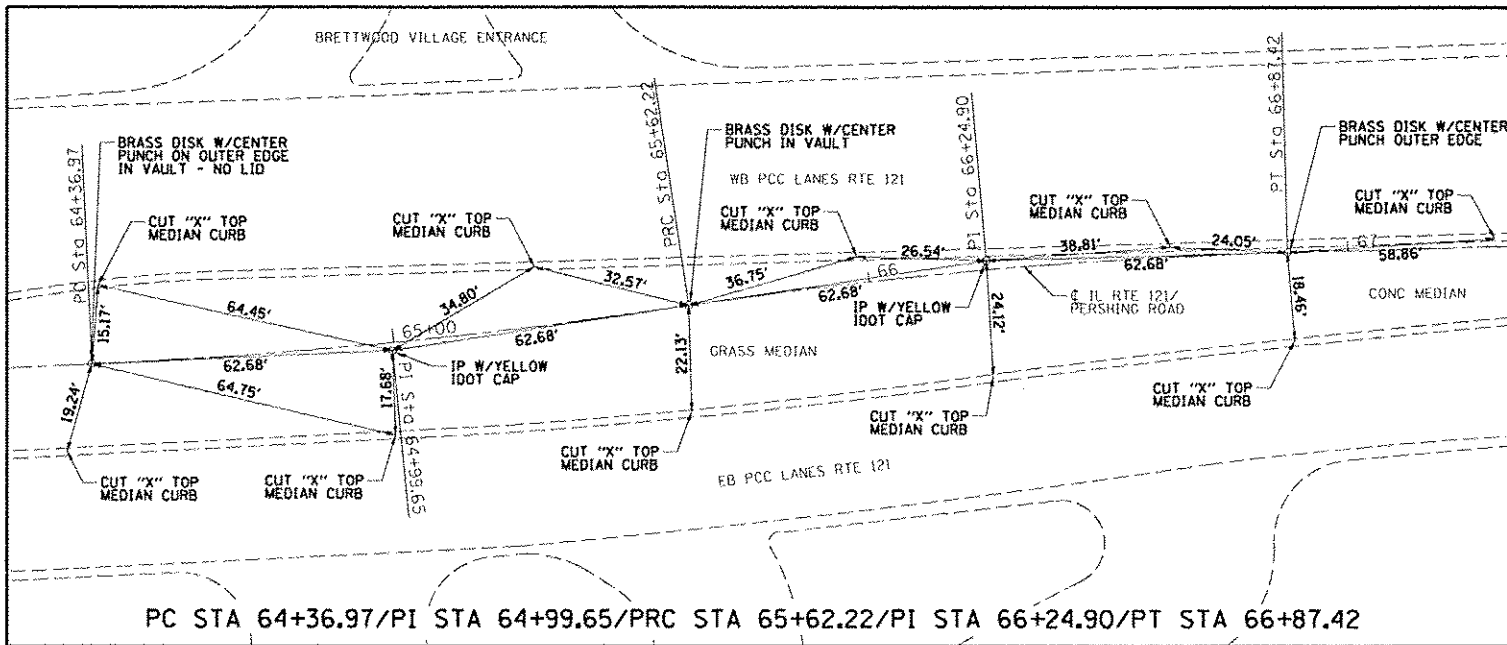
Point 96 N 1,169,645.441 E 810,670.101 Sta 8+90.71  
 Course from 96 to 1009 N 88° 26' 09" E Dist 7,087.512  
 Point 1009 N 1,169,838.908 E 817,754.971 Sta 79+78.22

BM	STA	O/S	ELEV.	DESCRIPTION
425			662.128	FOUND CHIS. SQUARE ON CENTER OF W. HEADWALL OF A TRIPLE 24" RCP UNDER IL 48 IN NW QUAD OF PERSHING RD. AND 22nd ST., 60' N. OF INTERSECTION, SAME AS BM 4341-2 IN FB # 4341, PG 6-113
426	74+39	38.7' RT	662.368	FOUND CHIS. SQUARE ON CENTER OF S. HEADWALL OF A 10' X 4' RCBC UNDER IL 48/121 (PERSHING RD), SAME AS BM 4341-4 IN FB # 4341, PG 6-113
427	63+65	68.0' LT	667.373	CUT SQUARE ON TOP OF S. EDGE OF 36" DIAMETER CONC. BASE OF LIGHT POLE ON E. SIDE OF E. ENTRANCE TO BENNY'S GRILL, N. SIDE OF PERSHING
428	50+56	58.8' LT	679.712	CUT SQUARE ON SE CORNER OF 30" X 30" CONC. FOUNDATION OF SIGNAL MAST ARM IN NW QUAD OF IL 121/48 (PERSHING RD.) AND WOODFORD ST.
429	37+11	46.6' LT	685.711	CUT SQUARE ON SW CORNER OF 30" X 30" CONC. FOUNDATION OF SIGNAL MAST ARM IN NW QUAD OF IL 121/48 (PERSHING RD) AND JASPER ST.
430	11+74	62.0' RT	672.181	CUT SQUARE ON NE CORNER OF 24" X 24" CONC. FOUNDATION OF TRAFFIC SIGNAL IN SW QUAD OF IL 121/48 (PERSHING RD) AND MLK DR.
431	55+72	47.2' LT	663.348	FOUND CHIS. SQUARE ON SE CORNER OF 24" X 24" CONC. FOUNDATION OF TRAFFIC SIGNAL IN NE QUAD OF IL 121/48 (PERSHING RD) AND SOUTH BOUND BUSINESS US 51 (MAIN ST), SAME AS D5 MAC-08
432	1060+66	39.8' RT	640.054	FOUND CHIS. SQUARE ON TOP OF NW CORNER OF SW WINGWALL OF IL 121/48 (PERSHING RD) BRIDGE OVER SPRING CREEK, STR # 058-0050, SAME AS D5 MAC-09
433	1051+06	54.1' LT	661.628	FOUND CHIS. SQUARE ON SW CORNER OF 30" X 30" CONC. FOUNDATION OF SIGNAL MAST ARM IN NW QUAD OF IL 121/48 (PERSHING RD) AND McARTHUR ST./MONROE ST., SAME AS D5 MAC-10
434	1037+16	39.8' RT	670.787	FOUND CHIS. "X" ON TOP OF NE BOLT BETWEEN THE "E" AND "L" IN MUELLER ON TOP RIM OF FIRE HYDRANT JUST WEST OF LYNETTE DR., S. SIDE OF IL 121/48 (PERSHING RD), SAME AS D5 MAC-11
435	1028+59	54.8' RT	666.738	FOUND CHIS. "X" ON TOP OF SE BOLT BETWEEN THE "E" AND "L" IN MUELLER ON TOP RIM OF FIRE HYDRANT IN THE SE QUAD OF IL 121 (PERSHING RD) AND IL 48 (OAKLAND AVE), SAME AS D5 MAC-12
436	1020+25	48.9' RT	667.887	FOUND CHIS. SQUARE ON NE CORNER OF 24" X 42" CONC. FOUNDATION OF A TRAFFIC SIGNAL CONTROL BOX IN SW QUAD OF IL 121 (PERSHING RD) AND UNIVERSITY AVE.
437	144+43	50.0' LT	650.031	CHIS. "X" ON SE BOLT ON TOP RIM OF FIRE HYDRANT IN NW QUAD OF IL 48 (OAKLAND AVE) AND CORSON AVE.

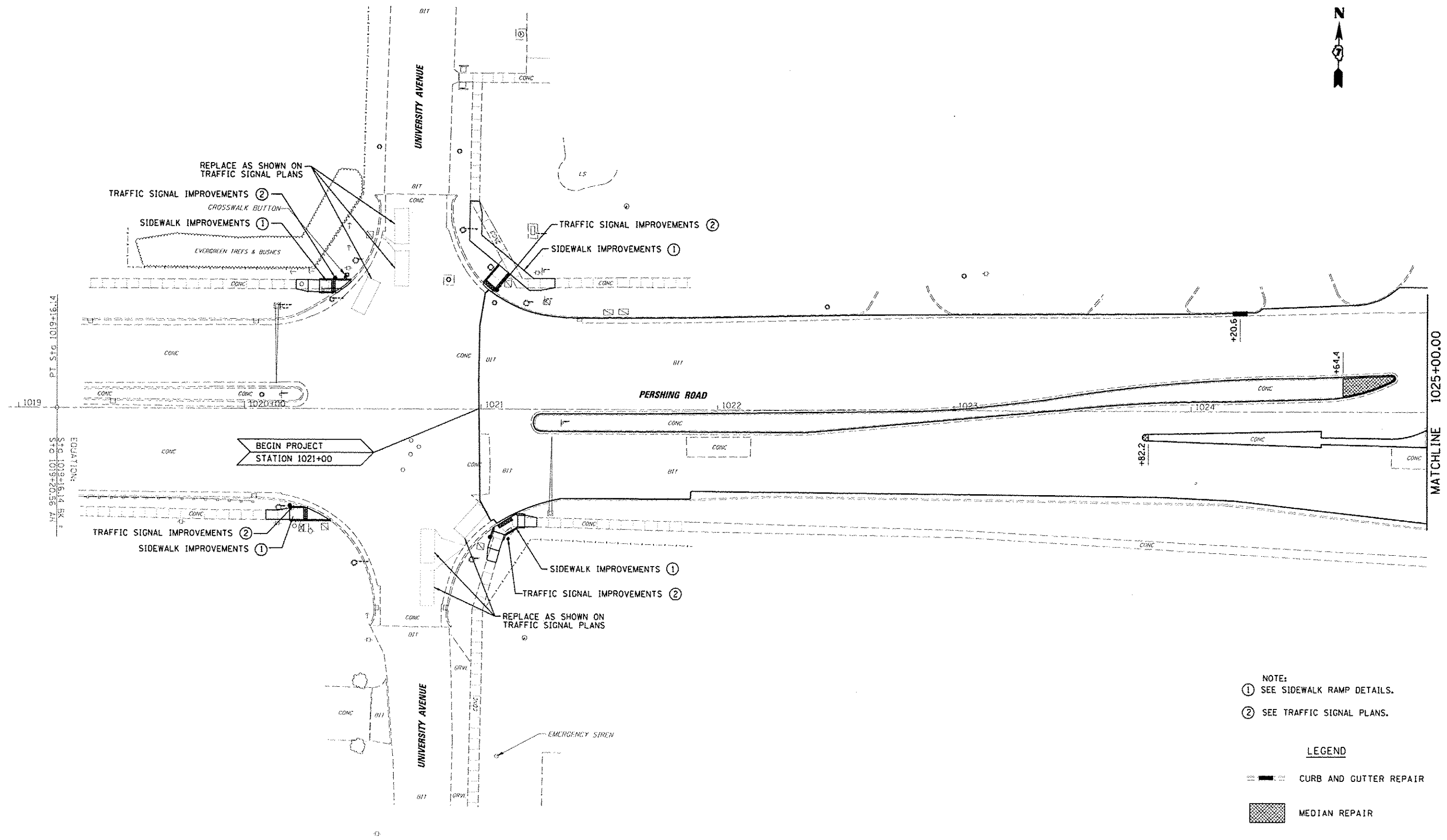




FILE NAME: INJ01NG020 - 07 Var Var Work Order 3	USER NAME: chullock	DESIGNED: CAS	REVISED:	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENT, TIES, AND BENCHMARKS - BENCHMARKS</b>		F.A.P. R.T.E. 320	SECTION 026XRS-2,135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 25
PL01 SCALE: 40.0000' = 1" (Default)	PL01 DATE: 8/21/2014	DRAWN: DLB	REVISED:		<b>FAP 320 (IL 121/L 48)</b>		SCALE:	SHEET 2 OF 3 SHEETS	STA. TO STA.	<b>CONTRACT NO. 74624</b>	
		CHECKED: JMB	REVISED:		<b>ILLINOIS FED. AID PROJECT</b>						
		DATE: 8/13/14	REVISED:								



FILE NAME: J:\1107\6228 - 07 Year Work Order 3	USER NAME: dbullack	DESIGNED: CAS	REVISED:	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENT, TIES, AND BENCHMARKS - CL SWING TIES FAP 320 (IL 121/L 48)</b>	F.A.P. RTE: 320	SECTION: 126XRS-2,135RS-1	COUNTY: MACON	TOTAL SHEETS: 119	SHEET NO.: 26		
PL01 SCALE: 40,000 / 1"	PL01 DATE: 8/21/2014	DRAWN: DLB	REVISED:			SCALE:	SHEET 3 OF 3 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
PL01 DATE: 8/21/2014	DATE: 8/13/14	CHECKED: JMB	REVISED:									
PL01 DATE: 8/21/2014	DATE: 8/13/14	DATE: 8/13/14	REVISED:									



- NOTE:
- ① SEE SIDEWALK RAMP DETAILS.
  - ② SEE TRAFFIC SIGNAL PLANS.

**LEGEND**

- CURB AND GUTTER REPAIR
- MEDIAN REPAIR

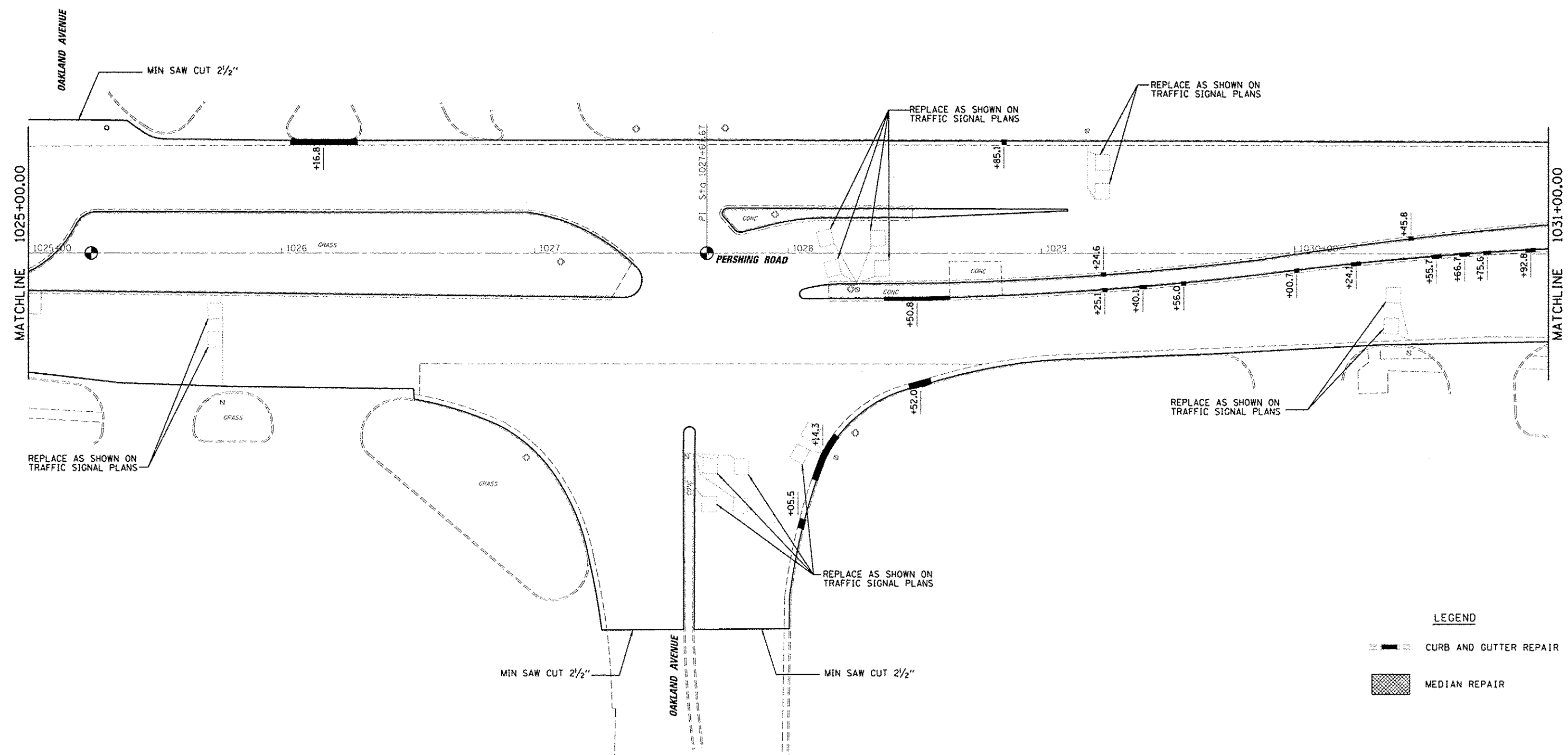
FILE NAME : d:\vdot\g0808 - d2 var\work order 3	USER NAME : dbulluck
Default	PL01 SCALE : 40.0000 / 1 in.
	PLOT DATE : 8/19/2014

DESIGNED : CAS	REVISOR : -
DRAWN : DLB	REVISOR : -
CHECKED : JMB	REVISOR : -
DATE : 8/13/14	REVISOR : -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEET FAP 320 (IL 121 /IL 48)</b>	
SCALE:	SHEET 1 OF 23 SHEETS: STA. TO STA.

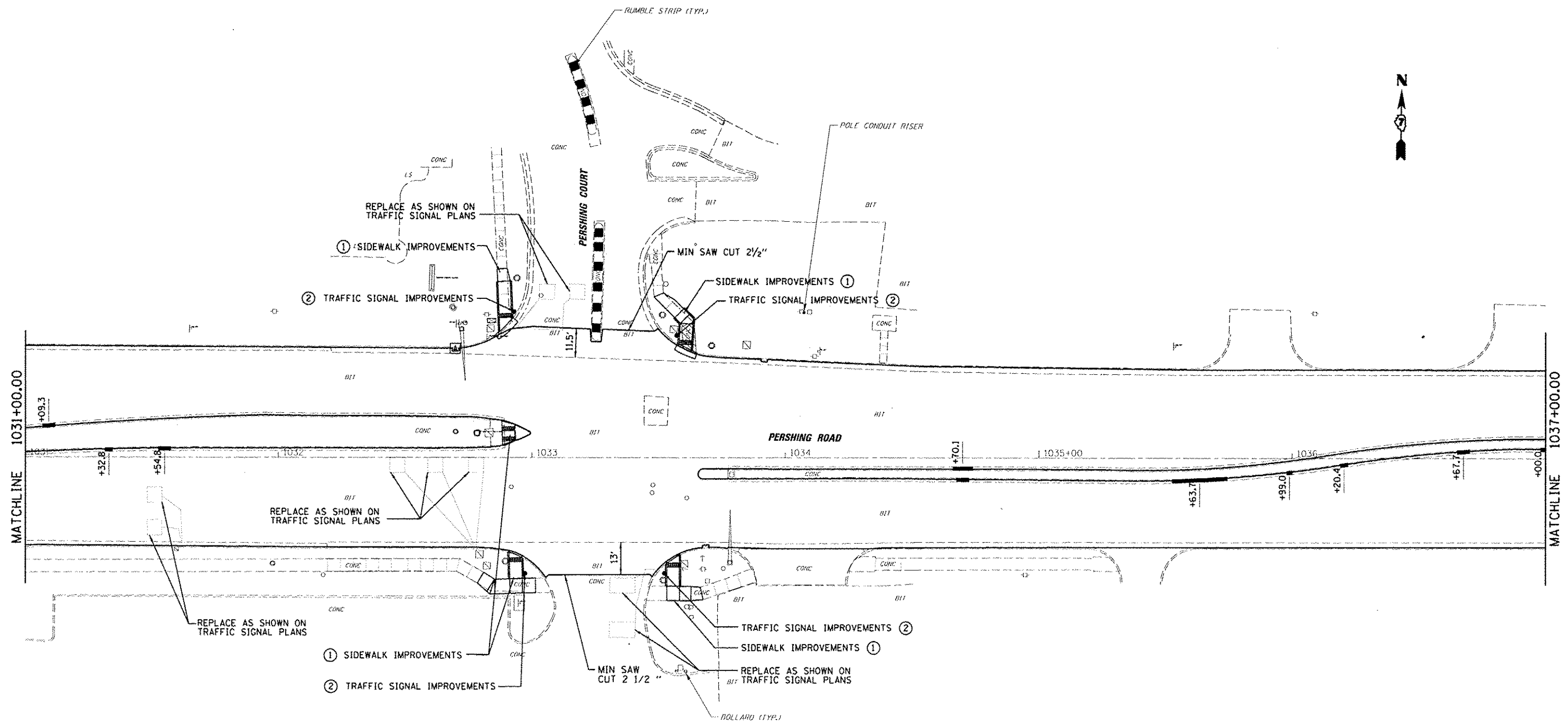
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(126X)RS-2, 135RS-1	MACON	119	27
CONTRACT NO. 74624				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	CURB AND GUTTER REPAIR
	MEDIAN REPAIR

FILE NAME: \\vdm\6888 - d7 var\work order 3	USER NAME: dmllock	DESIGNED: CAS	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET FAP 320 (IL 121 /IL 48)</b>	F.A.P. RTE. 320	SECTION (126)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 28
	PLOT SCALE: 40.0000 1" = 40.0000'	CHECKED: JMB	DATE: 8/13/14			PLOT DATE: 8/19/2014	SCALE:	SHEET 2 OF 23 SHEETS	STA. TO STA.	CONTRACT NO. 74624 ILLINOIS FED. AID PROJECT



- NOTE:
- ① SEE SIDEWALK RAMP DETAILS.
  - ② SEE TRAFFIC SIGNAL PLANS.

**LEGEND**

- CURB AND GUTTER REPAIR
- MEDIAN REPAIR

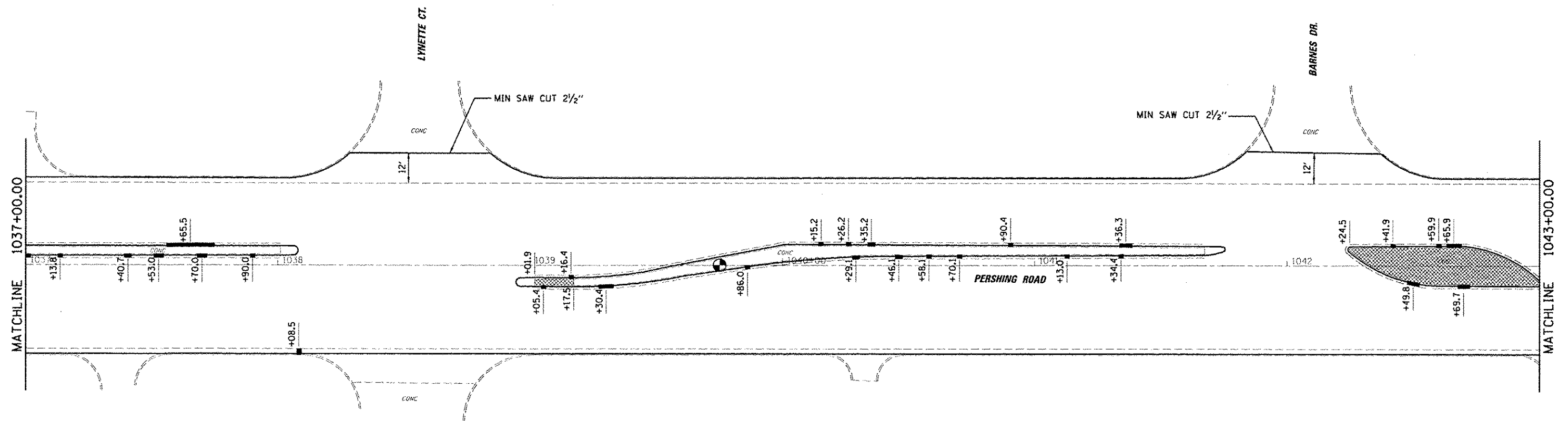
FILE NAME : d:\projects\6800 - d7 - var\work order 3	USER NAME : mullock	DESIGNED - CAS	REVISED -
PLT SCALE : 48.0000 1/8" = 1'	PLT DATE : 8/14/2014	DRAWN - DLB	REVISED -
		CHECKED - JMB	REVISED -
		DATE - 8/13/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



**PLAN SHEET  
FAP 320 (IL 121 /IL 48)**

SCALE: SHEET 3 OF 23 SHEETS STA. TO STA.

F.A.P. RTE. 320	SECTION (126X)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 29
CONTRACT NO. 74624				ILLINOIS FED. AID PROJECT



**LEGEND**

-  CURB AND GUTTER REPAIR
-  MEDIAN REPAIR

FILE NAME:   
 D:\ids\6288 - d7 var var work order 3

USER NAME: ddblock  
 I:\21 - osurfacing\osurf.dwg\10774624-sht-01.dwg  
 PLOT SCALE: 48.0000' / in.  
 PLOT DATE: 8/19/2014

DESIGNED: CAS  
 DRAWN: DLB  
 CHECKED: JMB  
 DATE: 8/13/14

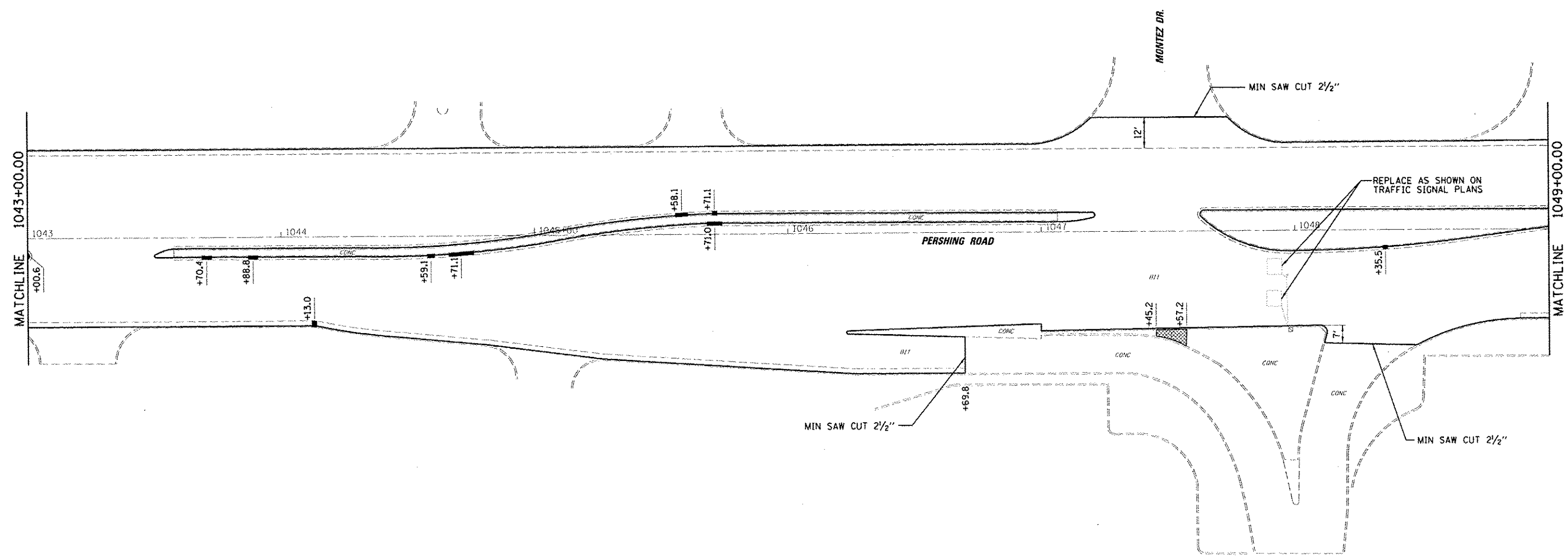
REVISED: -  
 REVISED: -  
 REVISED: -  
 REVISED: -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET  
 FAP 320 (IL 121 /IL 48)**

SCALE: SHEET 4 OF 23 SHEETS STA. TO STA.

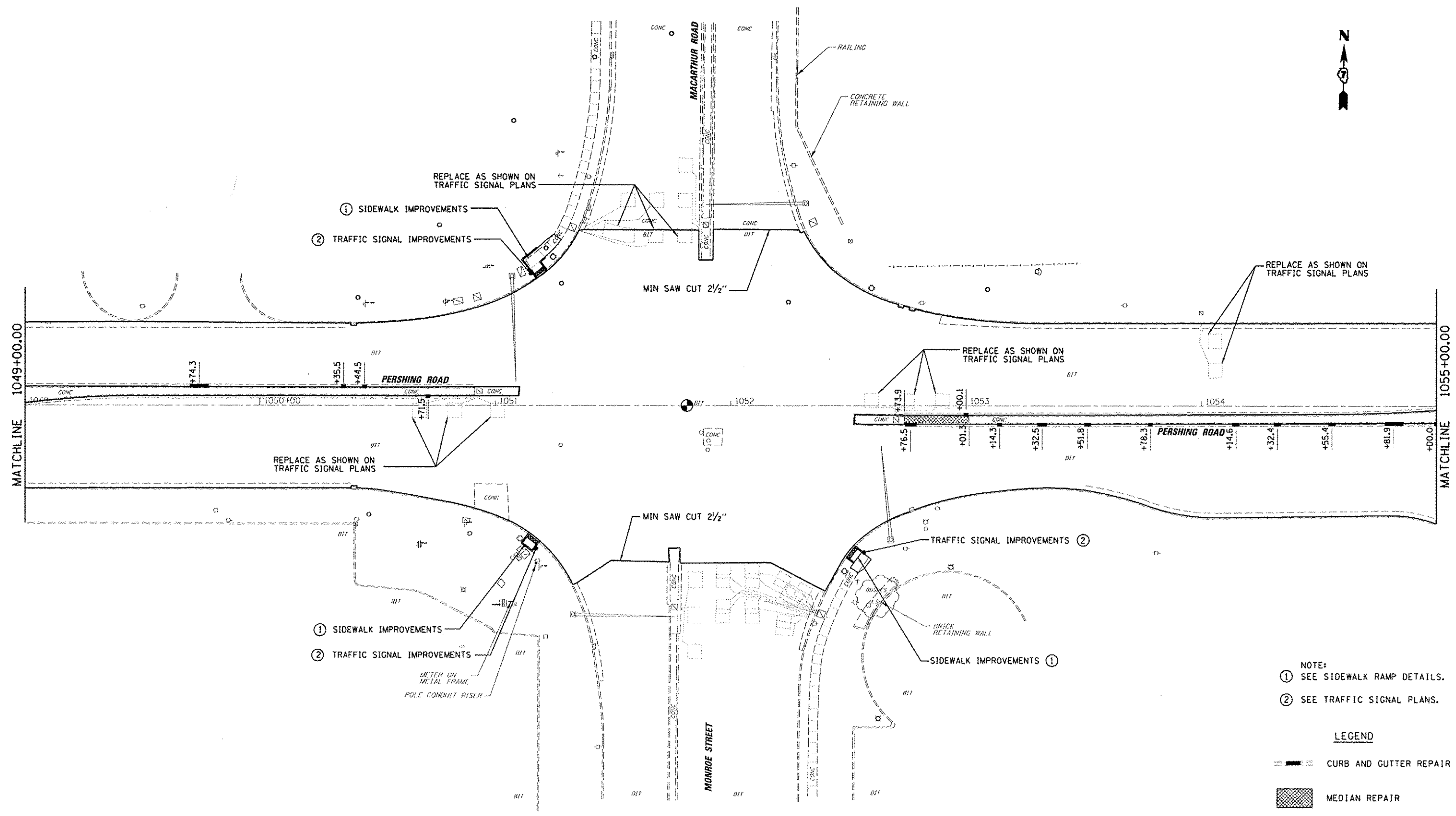
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(126)RS-2, 135RS-1	MACON	119	30
CONTRACT NO. 74624			ILLINOIS FED. AID PROJECT	



**LEGEND**

- CURB AND GUTTER REPAIR
- MEDIAN REPAIR

FILE NAME : x:\dot\5022 - d7 van work order 3	USER NAME : dbullock E:\21\resu\proj\oad3.civ\110774624-sh\pl	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET FAP 320 (IL 121 /IL 48)</b>	F.A.P. RTE. 320	SECTION (126XIRS-2, 135RS-1)	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 31		
Default	PLOT SCALE = 48.0000' / in.	DRAWN - DLB	REVISED -			SCALE:	SHEET 5 OF 23 SHEETS	STA. TO STA.		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 8/19/2014	CHECKED - JMB	REVISED -			CONTRACT NO. 74624						
		DATE = 8/13/14	REVISED -									



- NOTE:  
 ① SEE SIDEWALK RAMP DETAILS.  
 ② SEE TRAFFIC SIGNAL PLANS.

**LEGEND**

- CURB AND GUTTER REPAIR
- MEDIAN REPAIR

FILE NAME: d:\dot\6029 - d7 var\work order 3  
 Default

USER NAME: rbaalock  
 d:\121 issue\asmg\cadit\arv\10774624-abt\pla  
 PLOT SCALE: 48.0000 1/4 in.  
 PLOT DATE: 8/19/2014

DESIGNED - CAS  
 DRAWN - DLB  
 CHECKED - JMB  
 DATE - 8/13/14

REVISED -  
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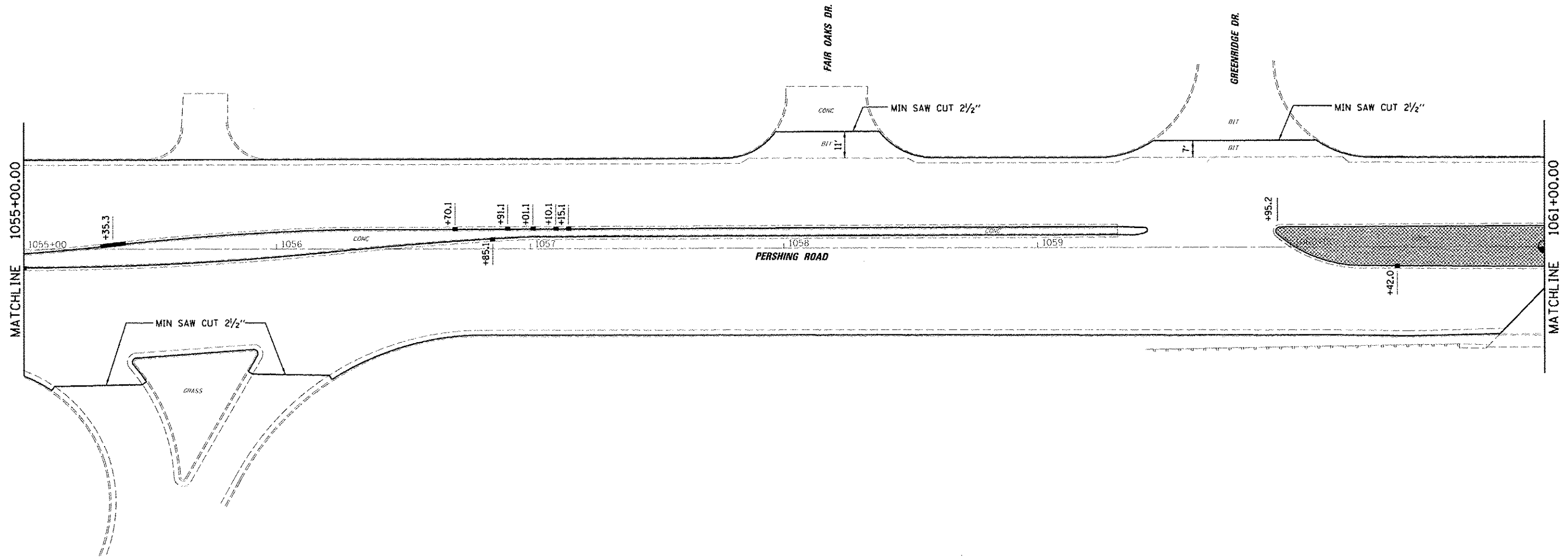
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET  
 FAP 320 (IL 121 /IL 48)**

SCALE: SHEET 6 OF 23 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(126X)RS-2, 135RS-1	MACON	119	32
CONTRACT NO. 74624				
ILLINOIS FED. AID PROJECT				





**LEGEND**

- CURB AND GUTTER REPAIR
- MEDIAN REPAIR

FILE NAME -	USER NAME - dbulllock
PROJECT - 1121 - pershing road	PROJECT - 1121 - pershing road
PLDT SCALE - 48,000 1/2 in.	PLDT DATE - 8/19/2014

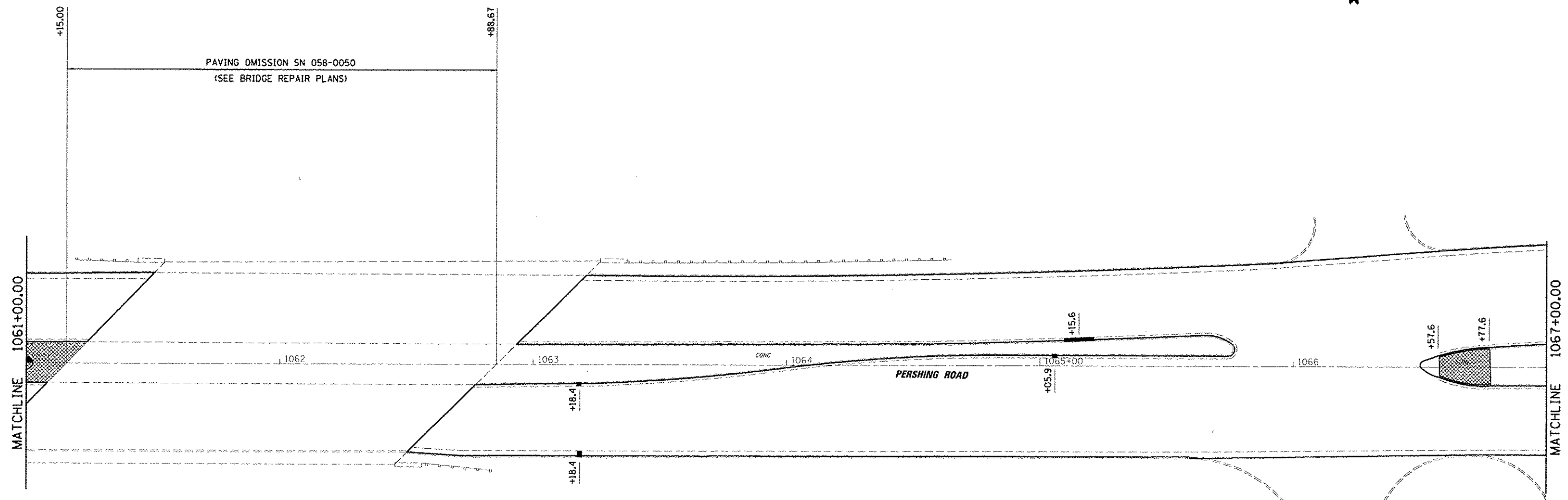
DESIGNED - CAS	REVISED -
DRAWN - DLB	REVISED -
CHECKED - JMB	REVISED -
DATE - 8/13/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET  
FAP 320 (IL 121 /IL 48)**

SCALE: SHEET 7 OF 23 SHEETS STA. TO STA.

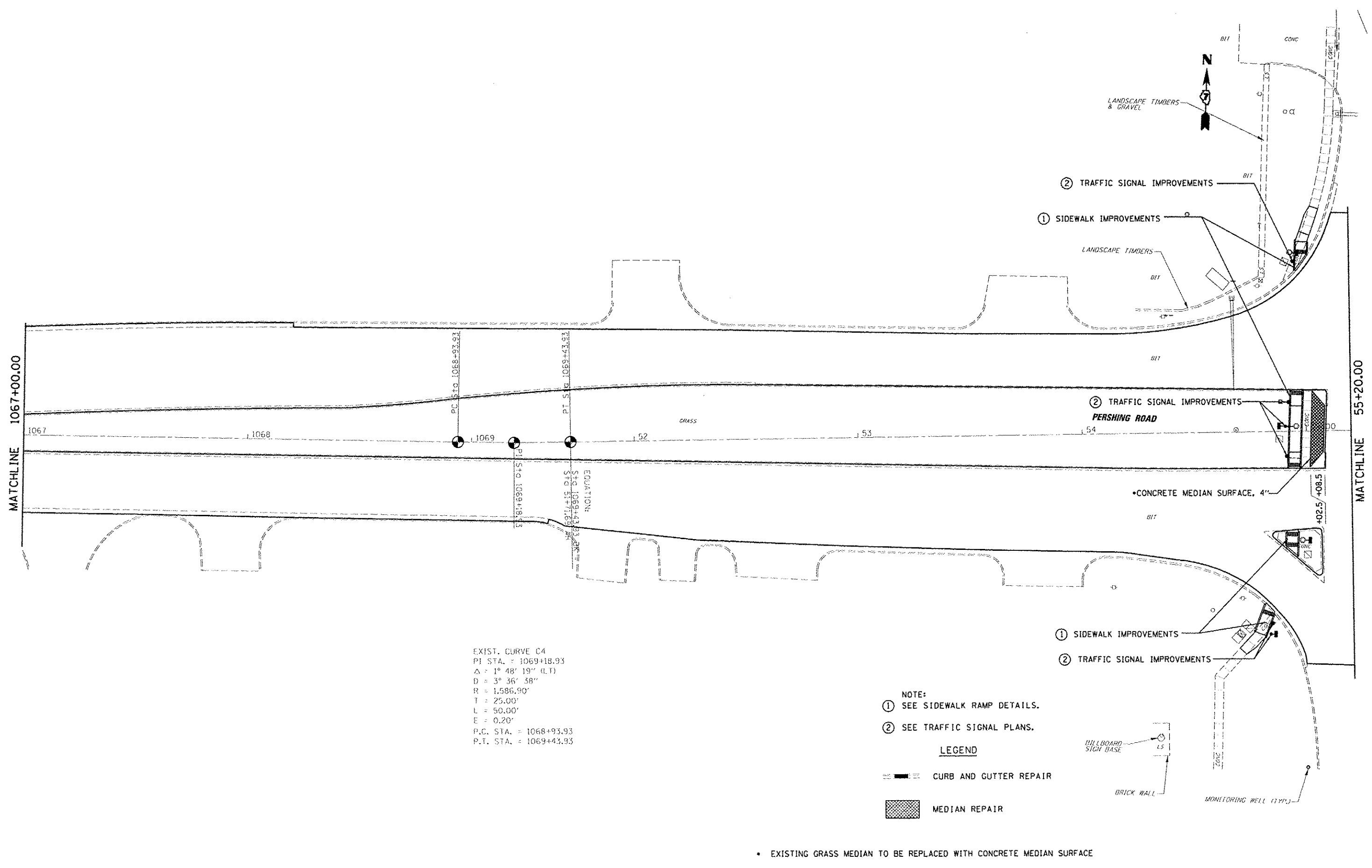
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	1126X1R5-2, 135RS-1	MACON	119	33
CONTRACT NO. 74624			ILLINOIS FED. AID PROJECT	



**LEGEND**

- CURB AND GUTTER REPAIR
- MEDIAN REPAIR

FILE NAME : d:\data\G200 - g7 var var\work order 3	USER NAME : dbulllock d:\21 pershing\road\civil\ND774624-sht.plt PLOT SCALE : 48.0000" = 1' PLOT DATE : 8/19/2014	DESIGNED - CAS DRAWN - DLB CHECKED - JMB DATE - 8/13/14	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 320 (IL 121 /IL 48)	F.A.P. RTE. 320	SECTION (126XRS-2, 135RS-1)	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 34	CONTRACT NO. 74624 ILLINOIS FED. AID PROJECT
				SCALE:	SHEET 8 OF 23 SHEETS	STA.	TO STA.				

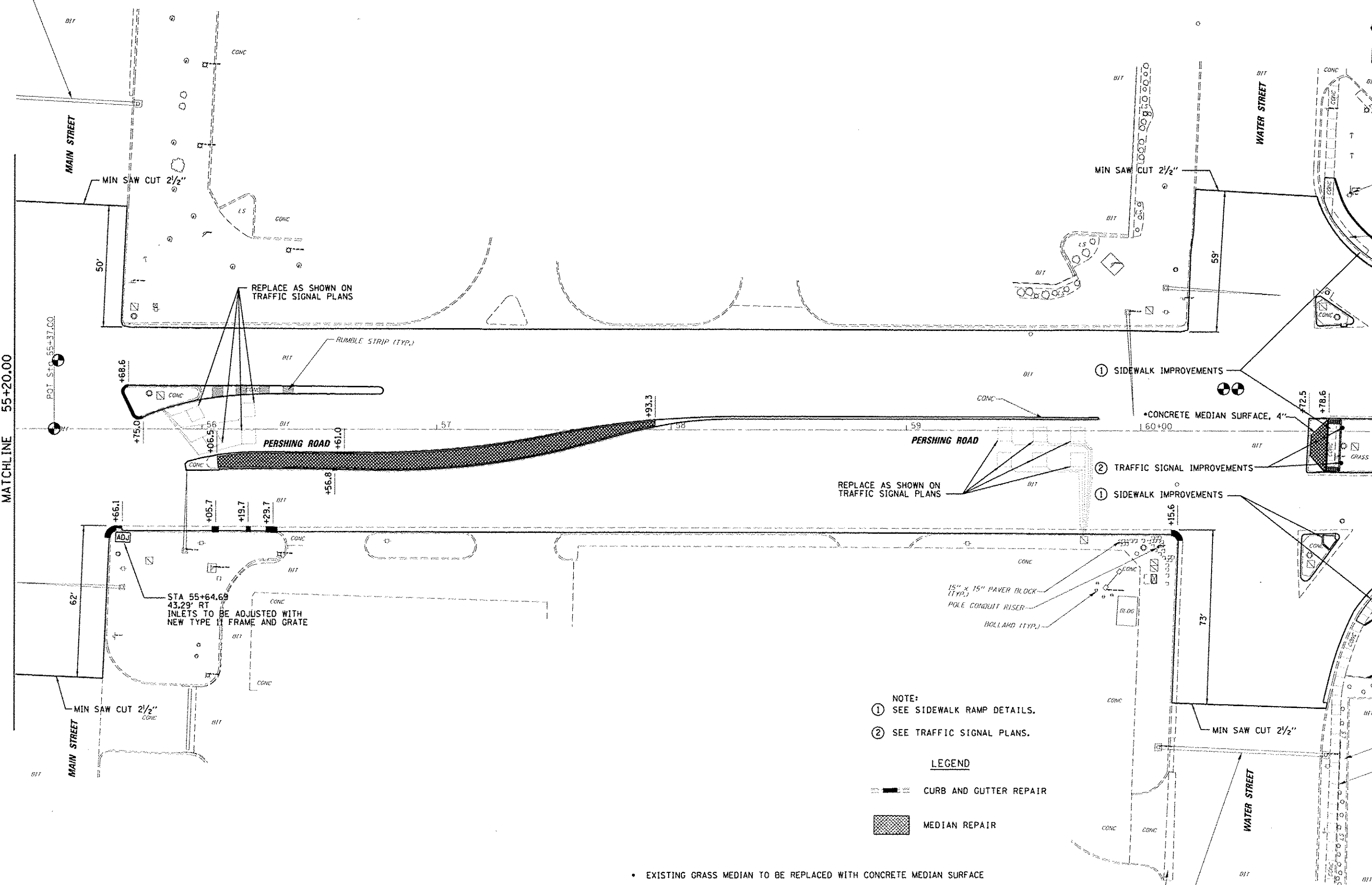


FILE NAME : I:\1001\6828 - 07 Var Var\Work Order 3	USER NAME : casofort	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET FAP 320 (IL 121 /IL 48)</b>	F.A.P. RTE. 320	SECTION (126XRS-2, 135RS-1)	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 35		
Default	PLT SCALE : 1/8" = 100'	CHECKED - JMB	REVISED -			SCALE:	SHEET 9 OF 23 SHEETS	STA.	TO STA.	CONTRACT NO. 74624		
	PLOT DATE : 8/20/2014	DATE - 8/13/14	REVISED -			ILLINOIS FED. AID PROJECT						



MATCHLINE 55+20.00

MATCHLINE 61+00.00



- NOTE:
- ① SEE SIDEWALK RAMP DETAILS.
  - ② SEE TRAFFIC SIGNAL PLANS.

- LEGEND
- CURB AND GUTTER REPAIR
  - MEDIAN REPAIR

• EXISTING GRASS MEDIAN TO BE REPLACED WITH CONCRETE MEDIAN SURFACE

FILE NAME : INVD016020 - 07 Var VarMark Order 3 Defaults	USER NAME : caserfct IL 121 Resurfacing/CAAD/Civil/0774624-shv-p PLOT SCALE : 48,0000' / 1" = 100' PLOT DATE : 8/28/2014	DESIGNED : CAS DRAWN : DLB CHECKED : JMB DATE : 8/13/14	REVISED : REVISED : REVISED : REVISED :	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b> <b>FAP 320 (IL 121 / IL 48)</b>	F.A.P. RTE. : 320 SECTION : (126)RS-2, 135RS-1 COUNTY : MACON TOTAL SHEETS : 119 SHEET NO. : 36 CONTRACT NO. : 74624	SCALE : SHEET 10 OF 23 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT
----------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------	--------------------------------------------------	-----------------------------------------------------------------	------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------	---------------------------



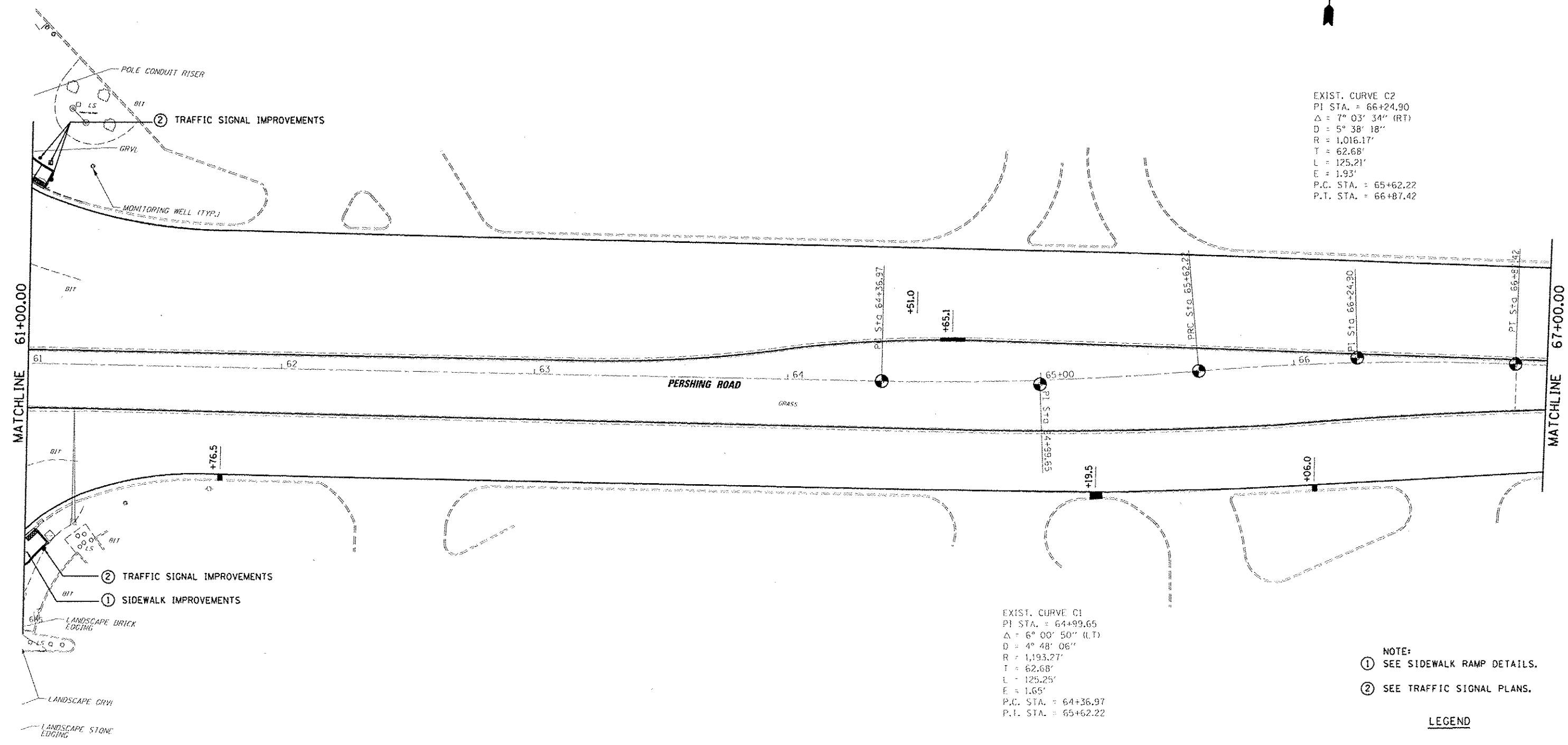
EXIST. CURVE C2  
 PI STA. = 66+24.90  
 $\Delta = 7^{\circ} 03' 34''$  (RT)  
 $D = 5^{\circ} 38' 18''$   
 $R = 1,016.17'$   
 $T = 62.68'$   
 $L = 125.21'$   
 $E = 1.93'$   
 P.C. STA. = 65+62.22  
 P.T. STA. = 66+87.42

EXIST. CURVE C1  
 PI STA. = 64+99.65  
 $\Delta = 6^{\circ} 00' 50''$  (LT)  
 $D = 4^{\circ} 48' 06''$   
 $R = 1,193.27'$   
 $T = 62.68'$   
 $L = 125.25'$   
 $E = 1.65'$   
 P.C. STA. = 64+36.97  
 P.T. STA. = 65+62.22

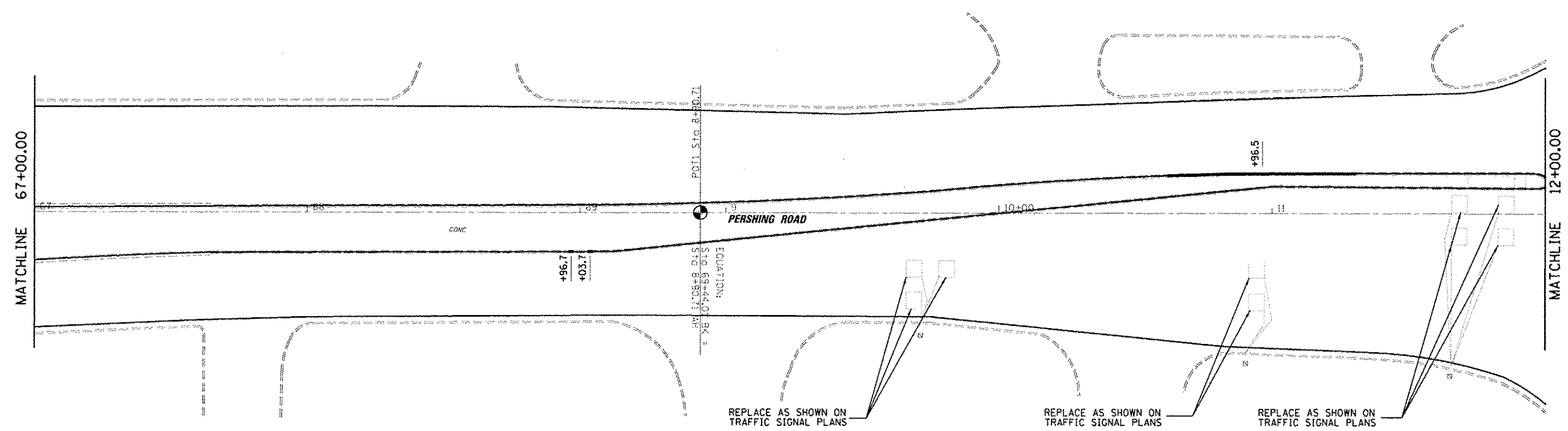
- NOTE:  
 ① SEE SIDEWALK RAMP DETAILS.  
 ② SEE TRAFFIC SIGNAL PLANS.

LEGEND

- CURB AND GUTTER REPAIR
- MEDIAN REPAIR



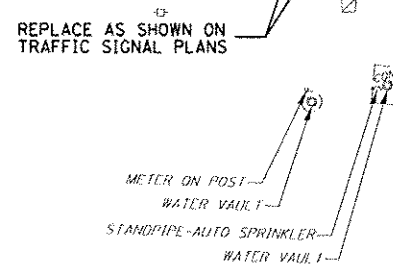
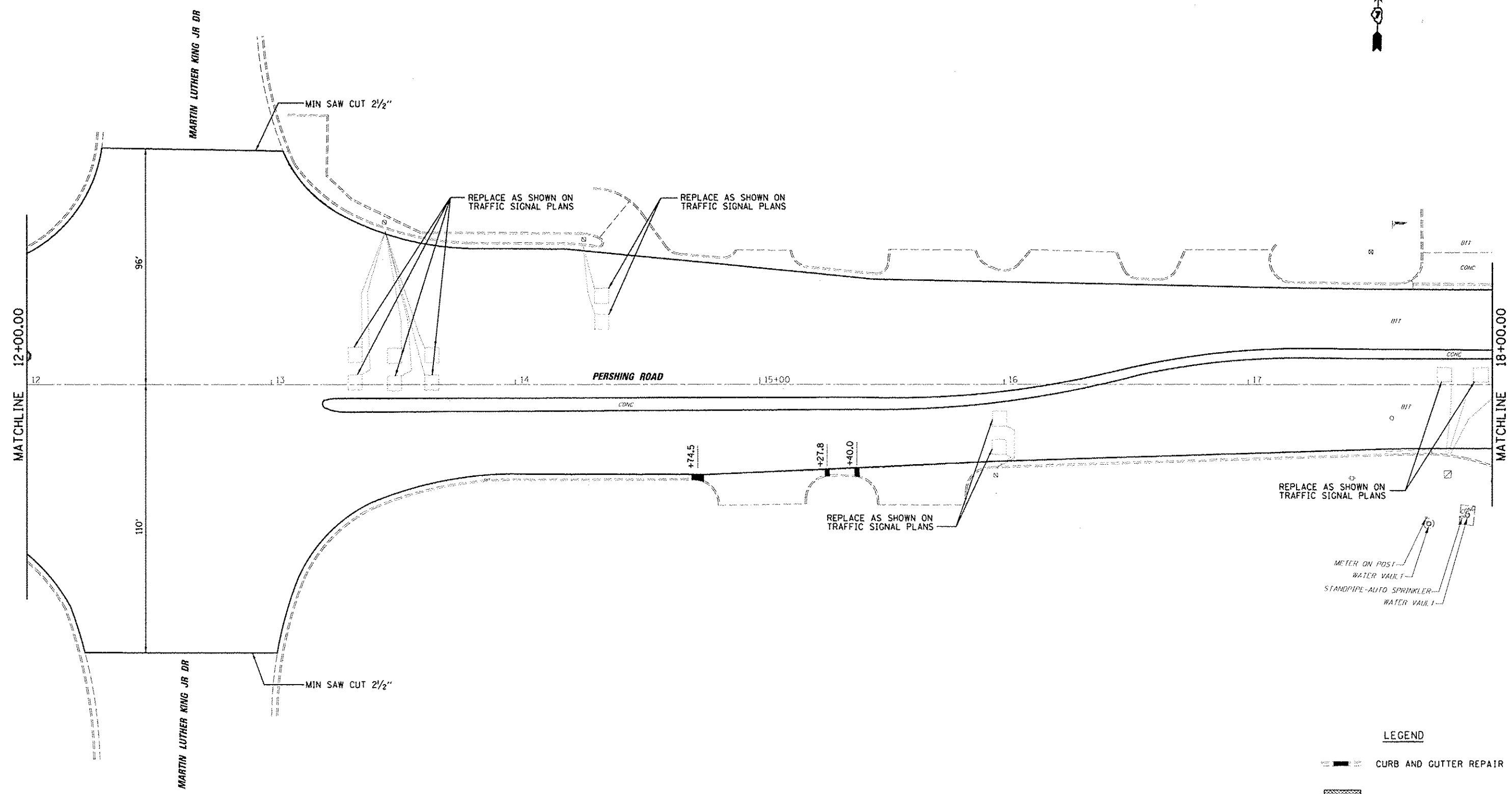
FILE NAME : d:\projects\62088 - d7 var var\work order 3	USER NAME : jbullock	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET FAP 320 (IL 121 / IL 48)</b>		F.A.P. RTE. 320	SECTION (126)RS-2, 13SR5-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 37	
Default	PL01 SCALE : 40,0000 1/4 in.	DRAWN - DLB	REVISED -		SCALE:	SHEET 11	OF 23 SHEETS	STA.	TO STA.	CONTRACT NO. 74624		
	PL01 DATE : 8/14/2014	CHECKED - JMB	REVISED -							ILLINOIS FED. AID PROJECT		
		DATE - 8/13/14	REVISED -									



**LEGEND**

- CURB AND GUTTER REPAIR
- MEDIAN REPAIR

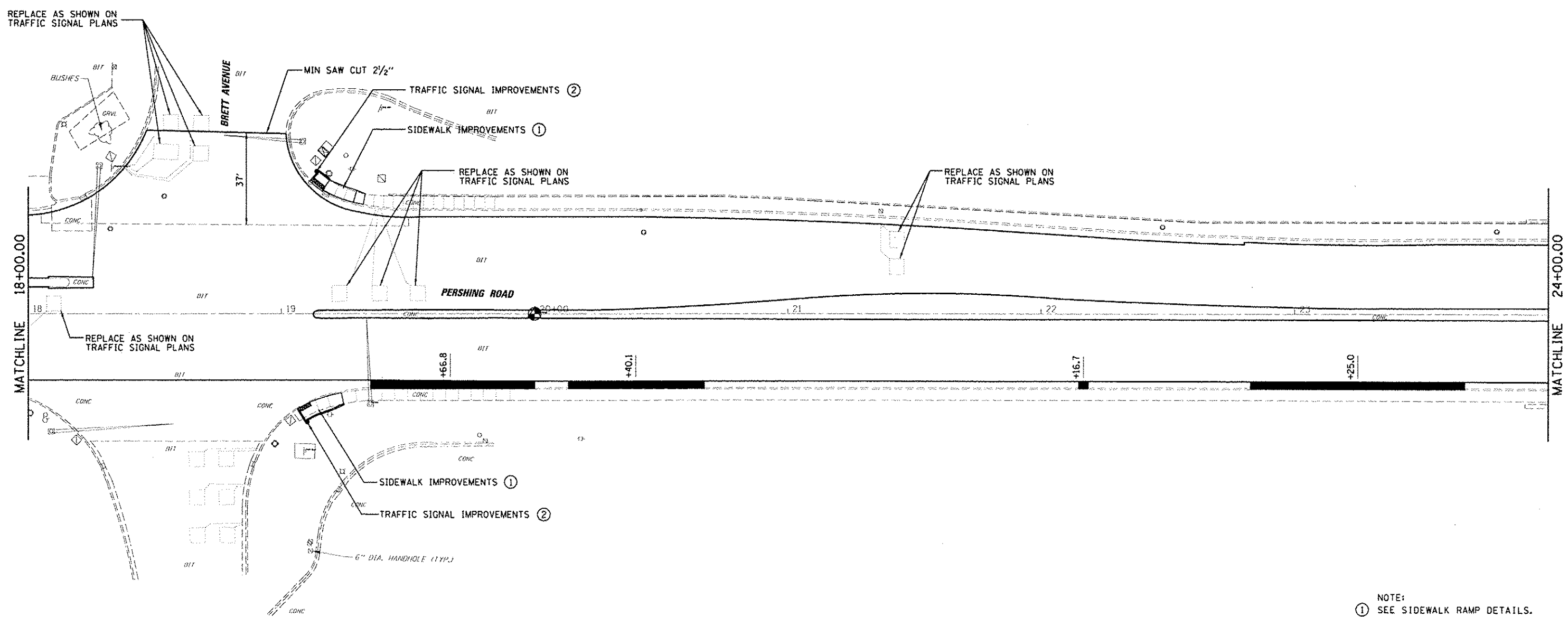
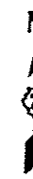
FILE NAME: \j\vidoe\6209 - d7 var work\work order 3	USER NAME: dballock \\1121\user\facings\oadm.civ\110774624\stc.plt	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET FAP 320 (IL 121 /IL 48)</b>	DRAWN - DLB	REVISED -	F.A.P. RTE. 320	SECTION (126)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 38		
Default	PLOT SCALE: 48,0000 1/ in.	CHECKED - JMB	REVISED -			SCALE: SHEET 12 OF 23 SHEETS STA. TO STA.	CONTRACT NO. 74624	ILLINOIS FED. AID PROJECT						
	PLOT DATE: 8/19/2014	DATE - 8/13/14	REVISED -											



**LEGEND**

- CURB AND GUTTER REPAIR
- MEDIAN REPAIR

FILE NAME : st:\dot\N2888 - d7 var var\work order 3	USER NAME : caslock H:\21 resse facing\andd.civil\0774624-dkt.plt	DESIGNED : CAS	REVISED : -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET FAP 320 (IL 121 /IL 48)</b>	F.A.P. RTE. 320	SECTION (126XRS-2, 135RS-1)	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 39		
Default	PLOT SCALE : 48.0000 1/2 in.	DRAWN : DLB	REVISED : -			SCALE:	SHEET 13 OF 23 SHEETS	STA.	TO STA.	CONTRACT NO. 74624		
	PLOT DATE : 8/19/2014	CHECKED : JMB	REVISED : -							ILLINOIS FED. AID PROJECT		
		DATE : 8/13/14	REVISED : -									



- NOTE:
- ① SEE SIDEWALK RAMP DETAILS.
  - ② SEE TRAFFIC SIGNAL PLANS.

**LEGEND**

- CURB AND GUTTER REPAIR
- MEDIAN REPAIR

FILE NAME :	USER NAME : dndlock	DESIGNED - CAS	REVISED -
h:\rdm\6088 - 47 var var\work order 3	11 121 case\paving\add.asa\10774624 sht.plt	DRAWN - DLB	REVISED -
Default	PLOT SCALE = 40.0000 7 in.	CHECKED - JMB	REVISED -
	PLOT DATE = 8/19/2014	DATE - 8/13/14	REVISED -

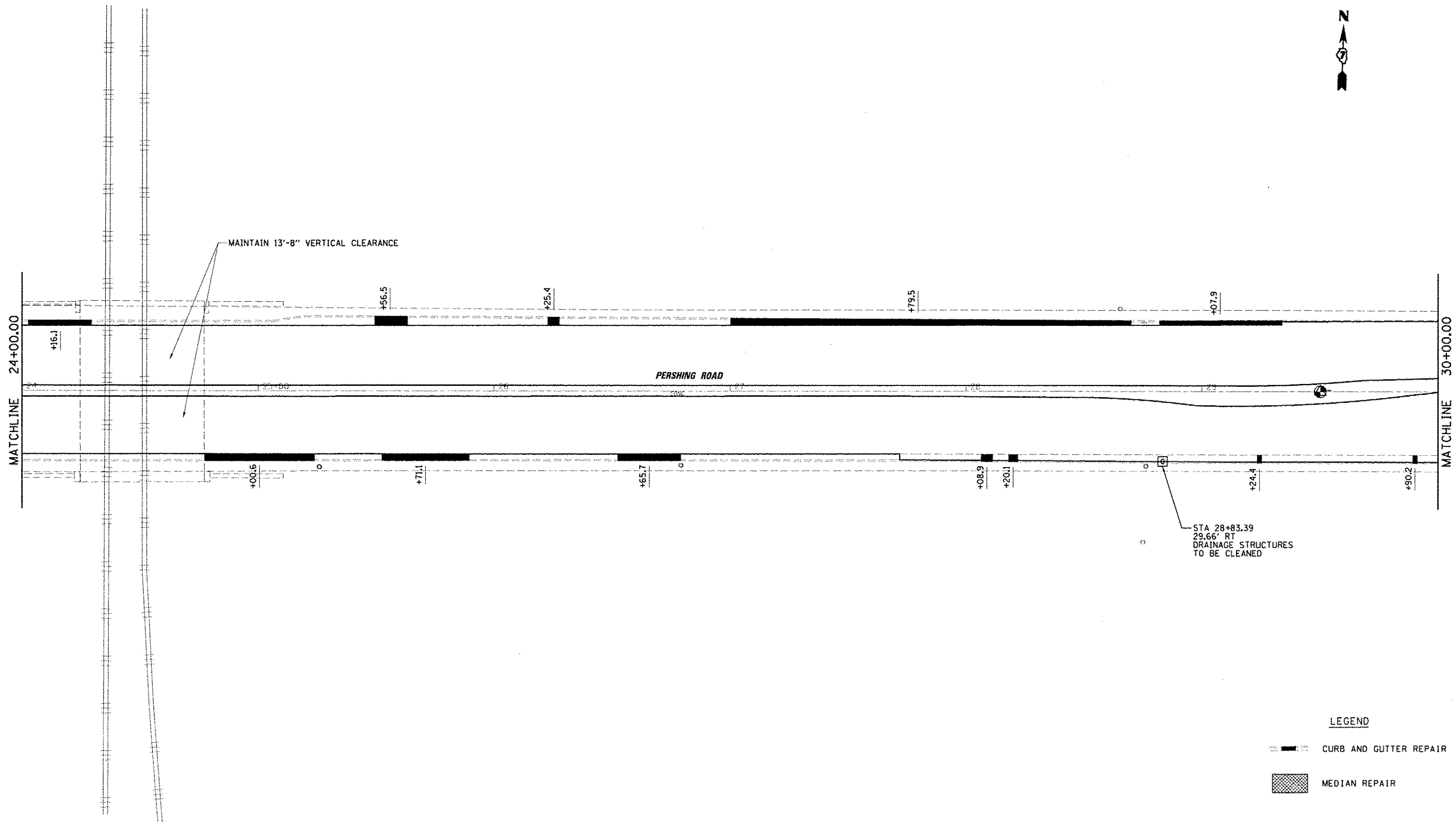
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET  
FAP 320 (IL 121 / IL 48)**

SCALE: SHEET 14 OF 23 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(126)RS-2, 135RS-1	MACON	119	40
CONTRACT NO. 74624				
ILLINOIS FED. AID PROJECT				

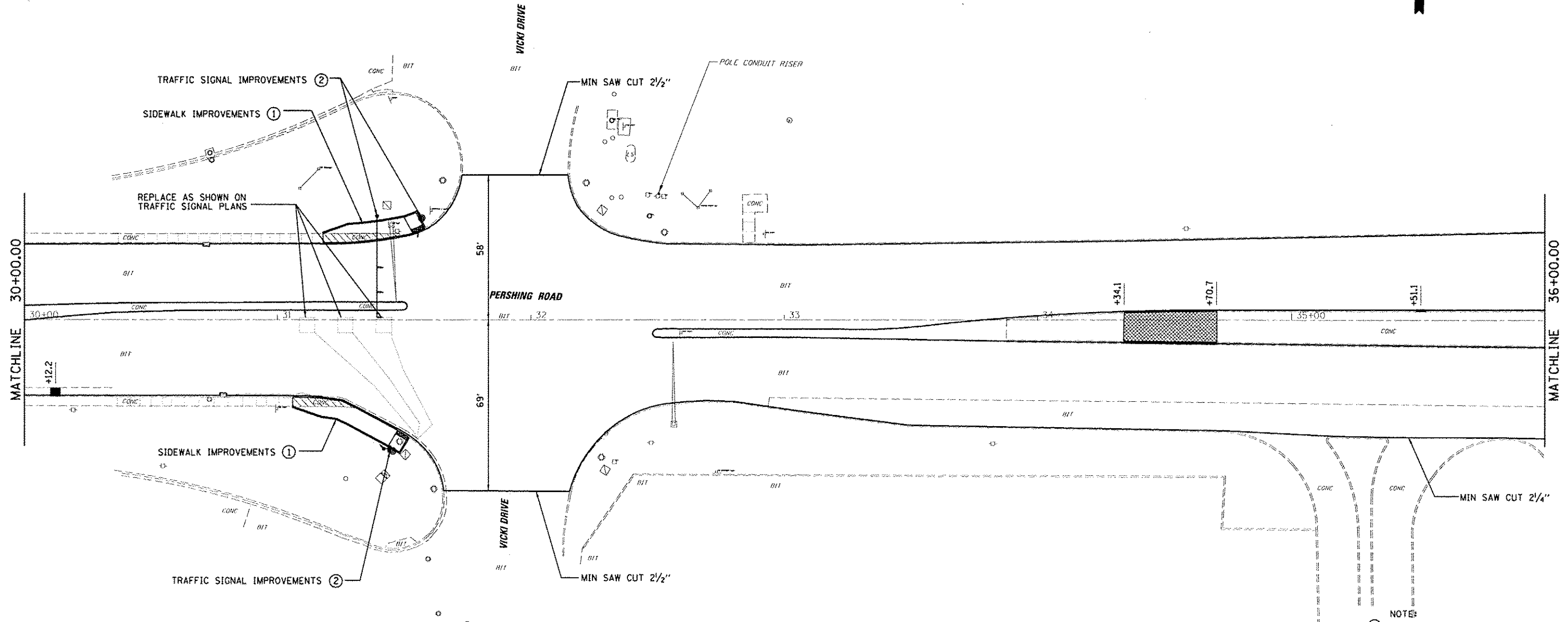




**LEGEND**

- CURB AND GUTTER REPAIR
- MEDIAN REPAIR

FILE NAME : j:\ndt\6888 - 47 var var\work order 3	USER NAME : dndlock d:\21\enr\Facing\ndf\001\ND74624\abt-pl	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET FAP 320 (IL 121 /IL 48)</b>	DRAWN - DLB	REVISED -	F.A.P. RTE. 320	SECTION (126XRS-2, 135RS-1)	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 41	
PLOT SCALE - 48.8888 7/ in.	CHECKED - JMB	REVISED -	REVISED -			SCALE: SHEET 15 OF 23 SHEETS STA. TO STA.		CONTRACT NO. 74624					
PLOT DATE - 8/14/2014	DATE - 8/13/14	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT							
Default													

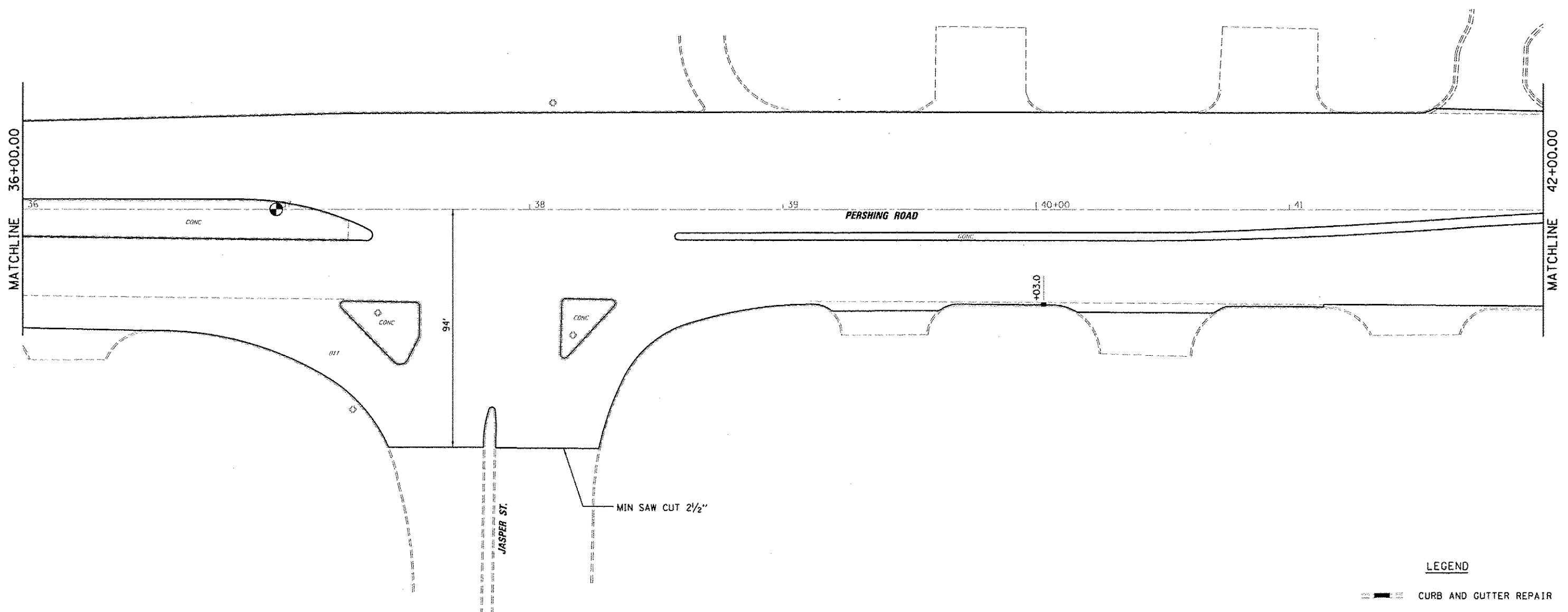


- NOTES:
- ① SEE SIDEWALK RAMP DETAILS.
  - ② SEE TRAFFIC SIGNAL PLANS.

**LEGEND**

- CURB AND GUTTER REPAIR
- MEDIAN REPAIR

FILE NAME: USER NAME: PL01 SCALE: PL01 DATE:	USER NAME: PL01 SCALE: PL01 DATE:	DESIGNED - CAS DRAWN - DLB CHECKED - JMB DATE - 8/13/14	REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b> <b>FAP 320 (IL 121 /IL 48)</b>	F.A.P. RTE. 320	SECTION (126X)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 42
				SCALE:      SHEET 16 OF 23 SHEETS   STA.      TO STA.	CONTRACT NO. 74624 <small>ILLINOIS FED. AID PROJECT</small>					



**LEGEND**

- CURB AND GUTTER REPAIR
- MEDIAN REPAIR

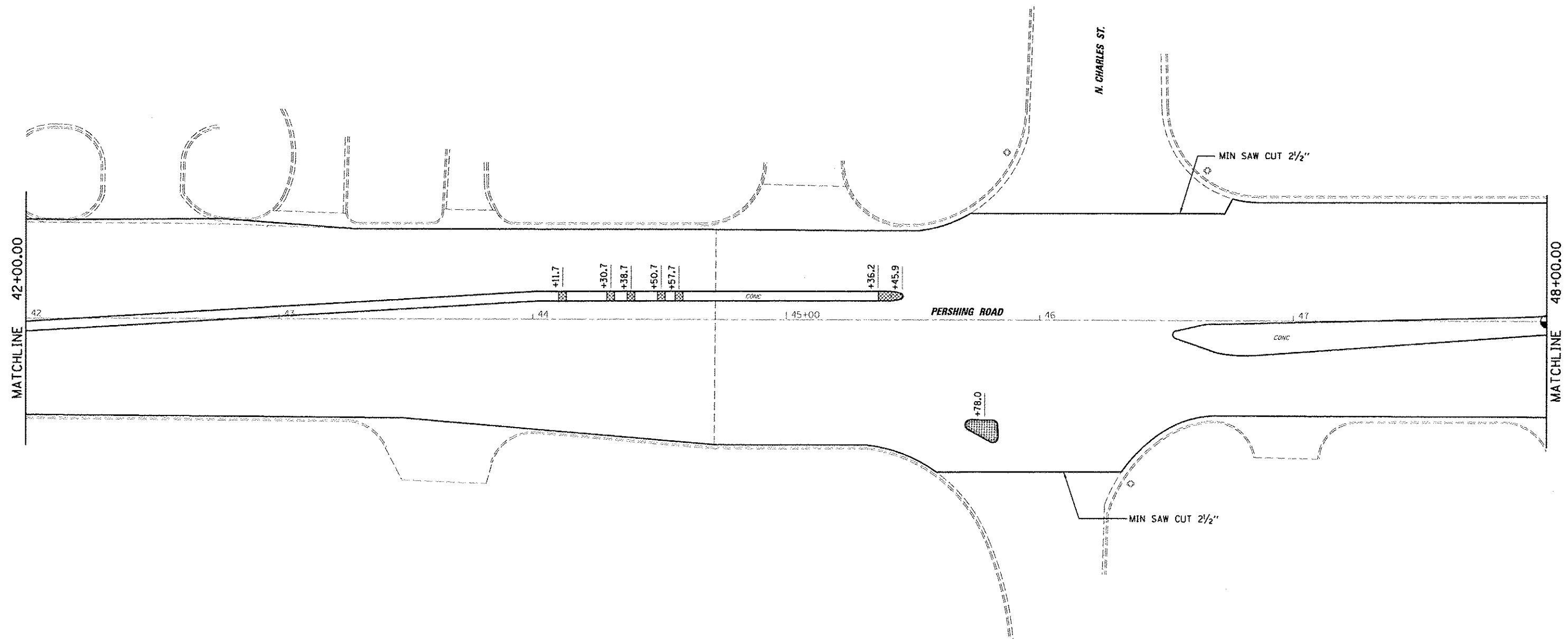
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DESIGNED - CAS	REVISED -
DRAWN - DLB	REVISED -
CHECKED - JMB	REVISED -
DATE - 8/13/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEET</b>			
<b>FAP 320 (IL 121 / IL 48)</b>			
SCALE:	SHEET 17	OF 23 SHEETS	STA. TO STA.

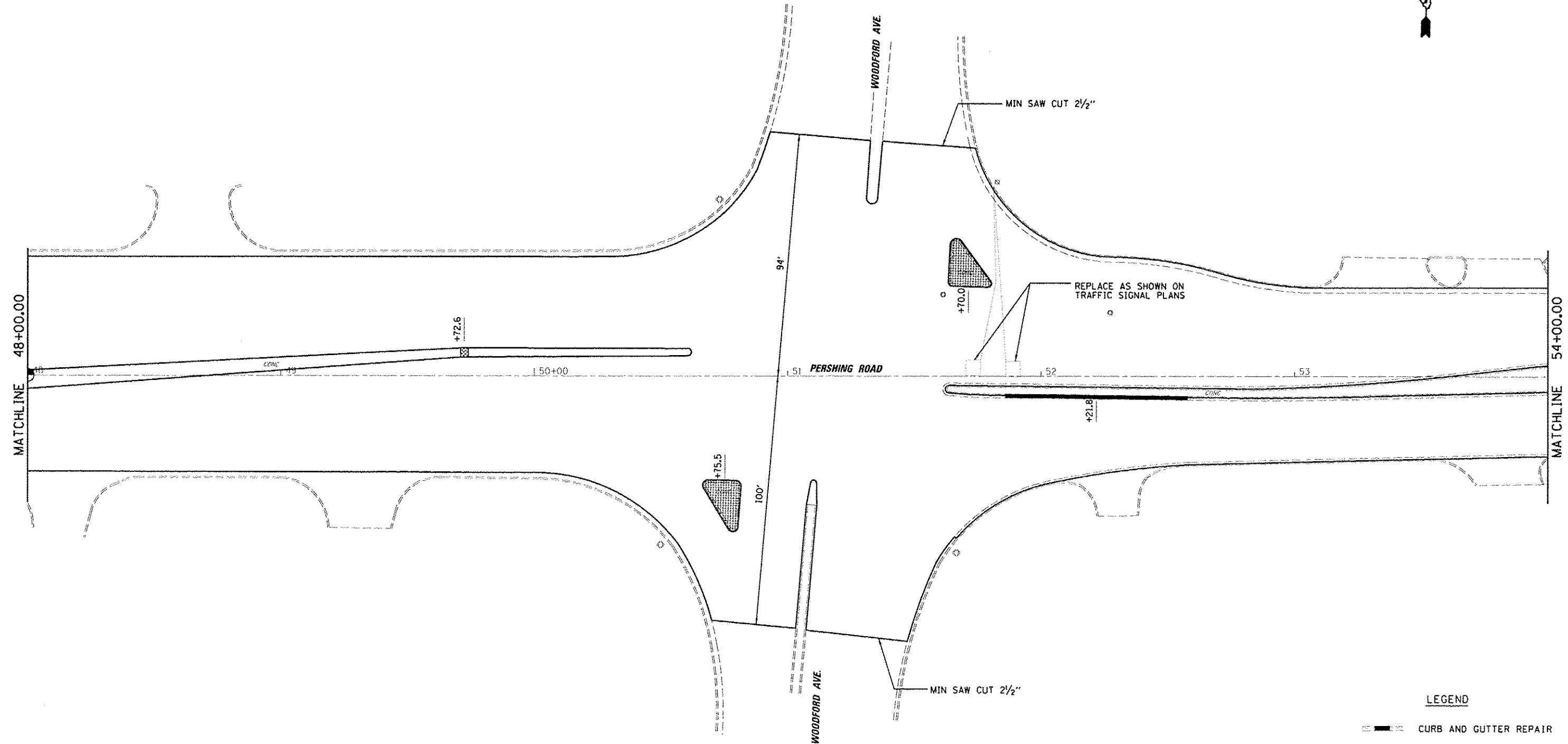
F.A.P. RTE. 320	SECTION (126XRS-2, 135RS-1)	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 43
CONTRACT NO. 74624				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- CURB AND GUTTER REPAIR
- MEDIAN REPAIR
- ISLAND REMOVAL

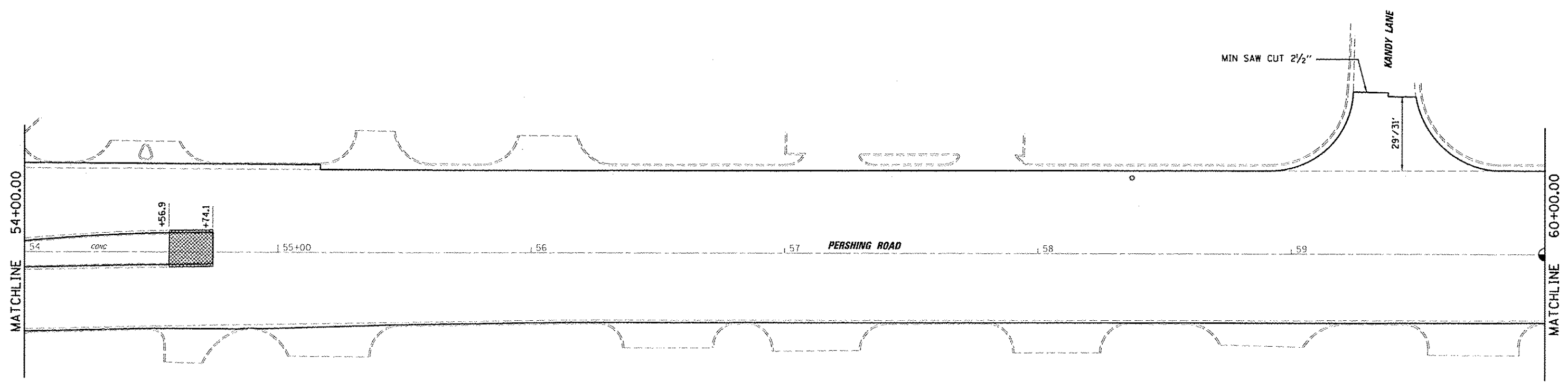
FILE NAME : 43\sdm\G200 - d7 - var - var\work_order_3	USER NAME : dslglock	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET FAP 320 (IL 121 /IL 48)</b>	F.A.P. RTE. 320	SECTION (126XRS-2, 135RS-1)	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 44
	PLOT SCALE : 48.0000 1/2 in.	DRAWN - DLB	CHECKED - JMB			DATE - 8/13/14	SCALE:	SHEET 18 OF 23 SHEETS STA. TO STA.	<b>CONTRACT NO. 74624</b>	



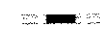

**LEGEND**

- CURB AND GUTTER REPAIR
- MEDIAN REPAIR
- ISLAND REMOVAL

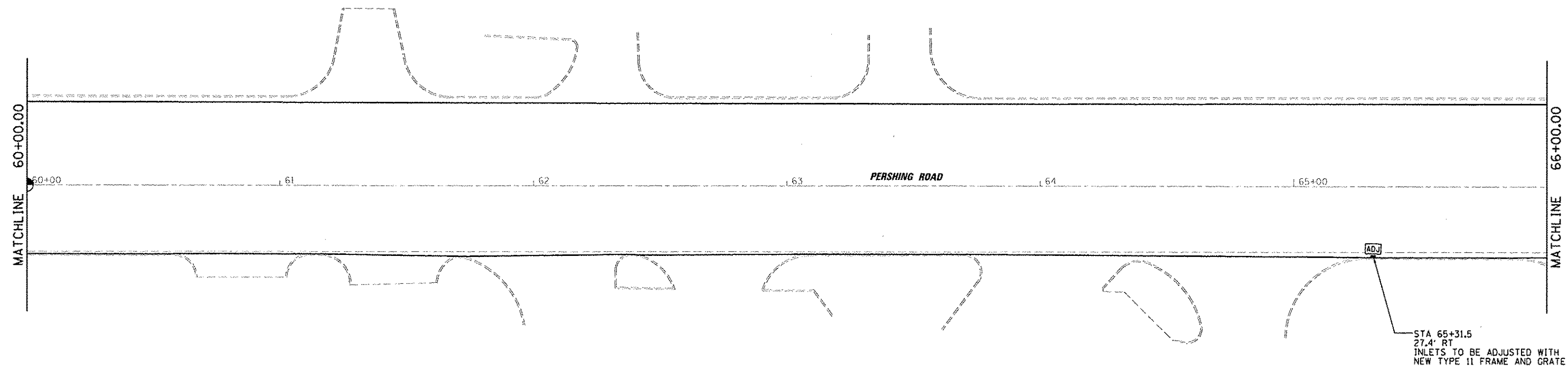
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		DRAWN - DLB	REVISED -		SCALE: SHEET 19 OF 23 SHEETS STA. TO STA.		CONTRACT NO. 74624				
CHECKED - JMB	REVISED -				ILLINOIS FED. AID PROJECT						
DATE - 8/13/14	REVISED -										





**LEGEND**

-  CURB AND GUTTER REPAIR
-  MEDIAN REPAIR

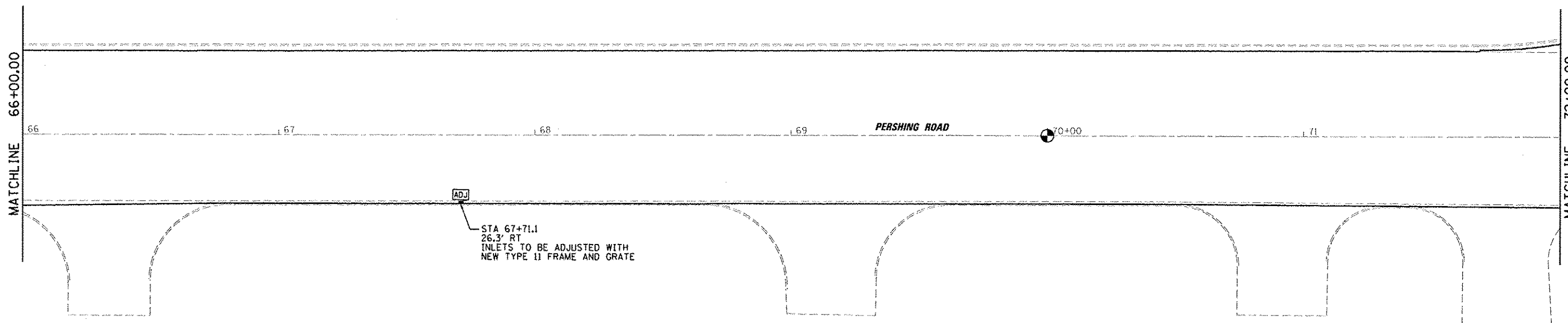
FILE NAME - USER NAME - 11 121 rase\Facing\oad\cvt\110774624-sht.plt PLOT SCALE = 48.8989 1/2 in. PLOT DATE = 8/19/2014	DESIGNED - CAS DRAWN - DLB CHECKED - JMB DATE - 8/13/14	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET FAP 320 (IL 121 /IL 48)</b>		F.A.P. RTE. 320	SECTION (126X)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 46	CONTRACT NO. 74624
	SCALE: SHEET 20 OF 23 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT							



**LEGEND**

-  CURB AND GUTTER REPAIR
-  MEDIAN REPAIR

FILE NAME : \dot\GR00 - d7 var\work order 3 Default	USER NAME : dbjlock 11 121 rour facing\oadt.civil\0774624 sht.plt	DESIGNED - CAS DRAWN - DLB	REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET FAP 320 (IL 121 /IL 48)</b>	F.A.P. RTE. 320	SECTION 1126XRS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 47		
	PLOT SCALE - 48.0000" = 1"	CHECKED - JMB DATE - 8/13/14	REVISED - REVISED -			SCALE:	SHEET 21 OF 23 SHEETS	STA. TO STA.	CONTRACT NO. 74624			
	PLOT DATE - 8/19/2014	DATE - 8/13/14	REVISED -			ILLINOIS FED. AID PROJECT						



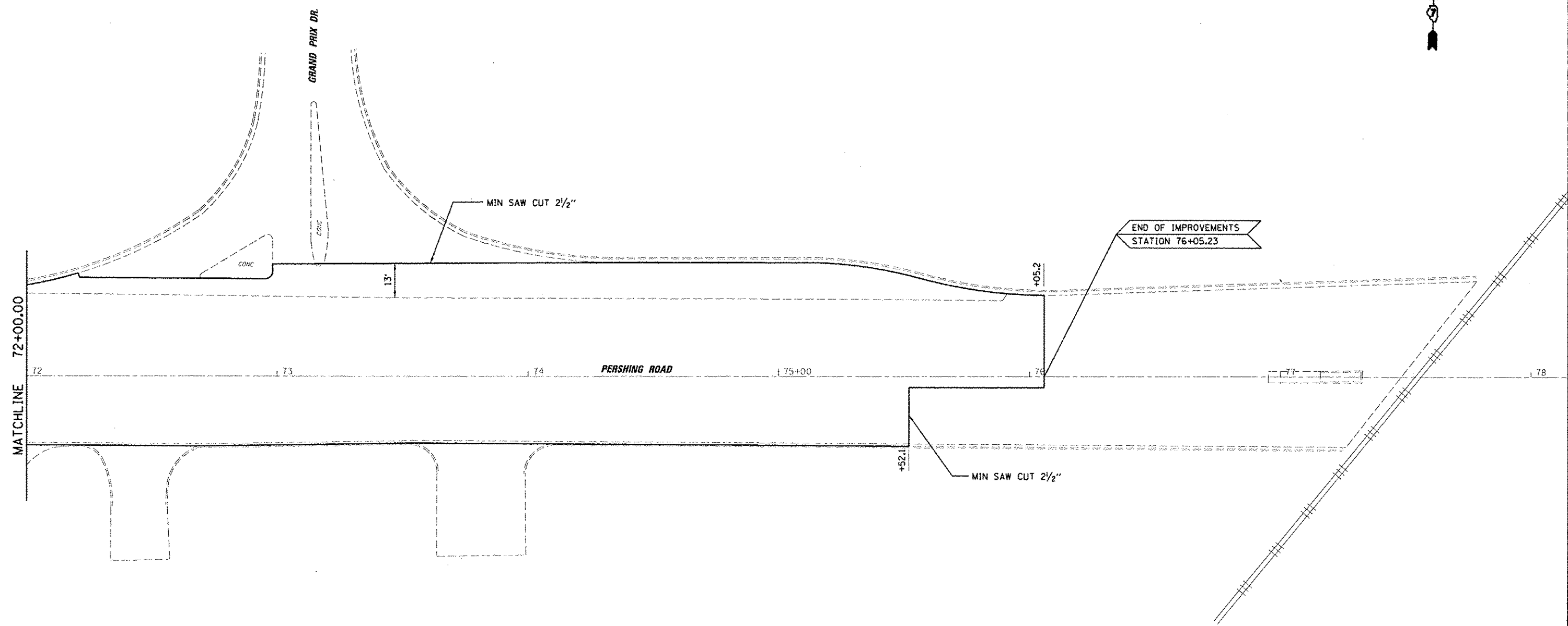
**LEGEND**

CURB AND GUTTER REPAIR

MEDIAN REPAIR

FILE NAME I:\data\6828 - 07 var work order 3	USER NAME - dshillock I:\121\proj\6828\add\74624\ht.plt	DESIGNED - CAS DRAWN - DLB	REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET FAP 320 (IL 121 /IL 48)</b>	F.A.P. RTE. 320	SECTION (126)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 48
	PLOT SCALE - 48,0000 / 1 in. PLOT DATE - 8/19/2014	CHECKED - JMB DATE - 8/13/14	REVISED - REVISED -			SCALE:	SHEET 22 OF 23 SHEETS STA. TO STA.	CONTRACT NO. 74624 ILLINOIS FED. AID PROJECT		





**LEGEND**

- CURB AND GUTTER REPAIR
- MEDIAN REPAIR

FILE NAME : I:\1007\6220 - 07 Var Var\Work Order 3	USER NAME : jouning H. 121 Base Easing\CARD.Csv\10774624-shLrp	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET FAP 320 (IL 121 /IL 48)</b>	F.A.P. RTE. 320	SECTION (126)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 49		
Default	PLOT SCALE - 40.0000 = 1 in.	DRAWN - DLB	REVISED -			SCALE:	SHEET 23 OF 23 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
	PLOT DATE - 8/19/2014	CHECKED - JMB	REVISED -			CONTRACT NO. 74624						
		DATE - 8/13/14	REVISED -									



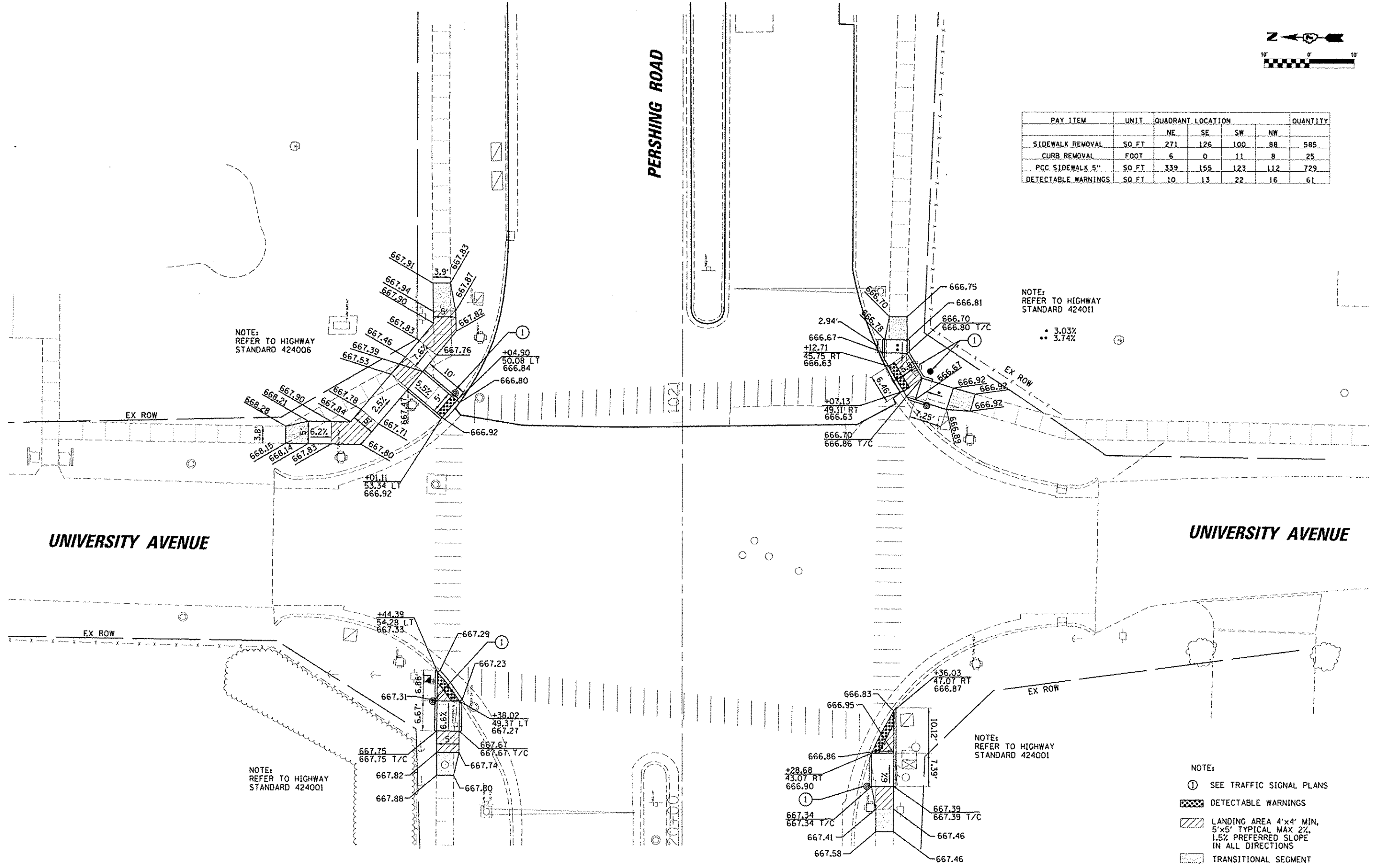
PAY ITEM	UNIT	QUADRANT LOCATION				QUANTITY
		NE	SE	SW	NW	
SIDEWALK REMOVAL	SO. FT.	271	126	100	88	585
CURB REMOVAL	FOOT	6	0	11	8	25
PCC SIDEWALK 5"	SO. FT.	339	155	123	112	729
DETECTABLE WARNINGS	SO. FT.	10	13	22	16	61

NOTE:  
REFER TO HIGHWAY  
STANDARD 424011

- 3.03%
- 3.74%

NOTE:  
REFER TO HIGHWAY  
STANDARD 424001

- NOTE:
- ① SEE TRAFFIC SIGNAL PLANS
  - DETECTABLE WARNINGS
  - LANDING AREA 4'x4' MIN,  
5'x5' TYPICAL MAX 2%  
1.5% PREFERRED SLOPE  
IN ALL DIRECTIONS
  - TRANSITIONAL SEGMENT



FILE NAME : IN10116000 - 07 Var Var Work Order 3	USER NAME : caslock	DESIGNED - CAS	REVISED -
	BL 121 Resurfacing GARD, CIVIL 10274624.sht	DRAWN BY - DLB	REVISED -
	PLOT SCALE : 20.0000 1/2 in.	CHECKED - JMB	REVISED -
	PLOT DATE : 8/21/2014	DATE - 8/13/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - UNIVERSITY AVENUE  
FAP 320 (IL 121/L 48)**

SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 320	SECTION (126XRS-2, 135RS-1)	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 50
CONTRACT NO. 74624			ILLINOIS FED. AID PROJECT	



PERSHING ROAD

1034

EX ROW

NOTE:  
REFER TO HIGHWAY  
STANDARD 424001

•• 4.85%

NOTE:  
REFER TO HIGHWAY  
STANDARD 424001

PAY ITEM	UNIT	QUADRANT LOCATION					QUANTITY
		NE	SE	SW	NW	MEDIAN	
SIDEWALK REMOVAL	SO. FT.	115	120	161	119	0	515
CURB AND GUTTER REMOVAL	FOOT	9	0	0	11	0	20
PCC SIDEWALK 5"	SO. FT.	162	146	186	177	40	711
DETECTABLE WARNINGS	SO. FT.	10	10	10	10	20	60
COMB. CONC. CURB AND GUTTER	FOOT	9	0	0	11	0	20

- NOTE:
- ① SEE TRAFFIC SIGNAL PLANS
  - ▨ DETECTABLE WARNINGS
  - ▨ LANDING AREA 4'x4' MIN, 5'x5' TYPICAL MAX 2%, 1.5% PREFERRED SLOPE IN ALL DIRECTIONS
  - ▨ TRANSITIONAL SEGMENT

PERSHING COURT

1033

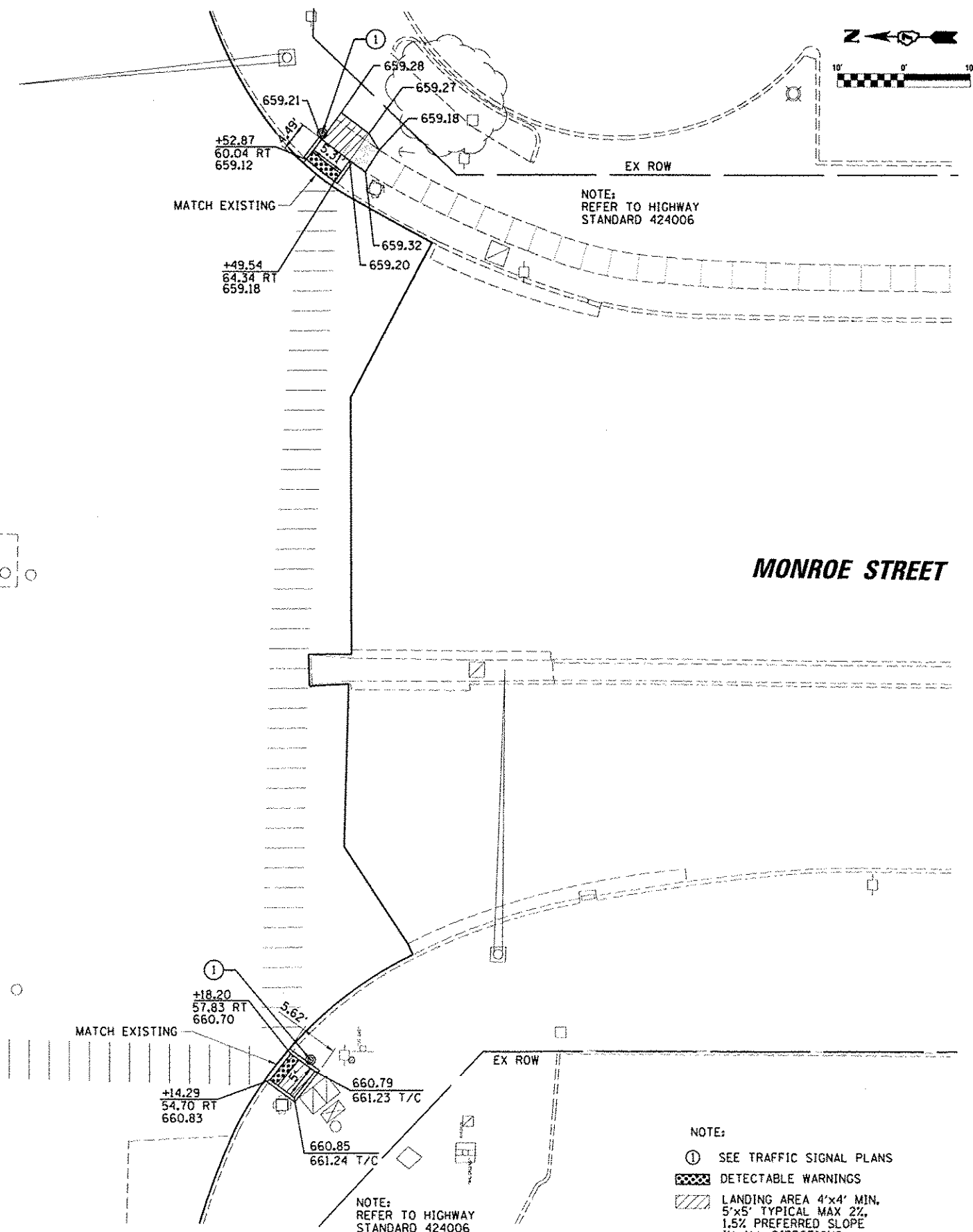
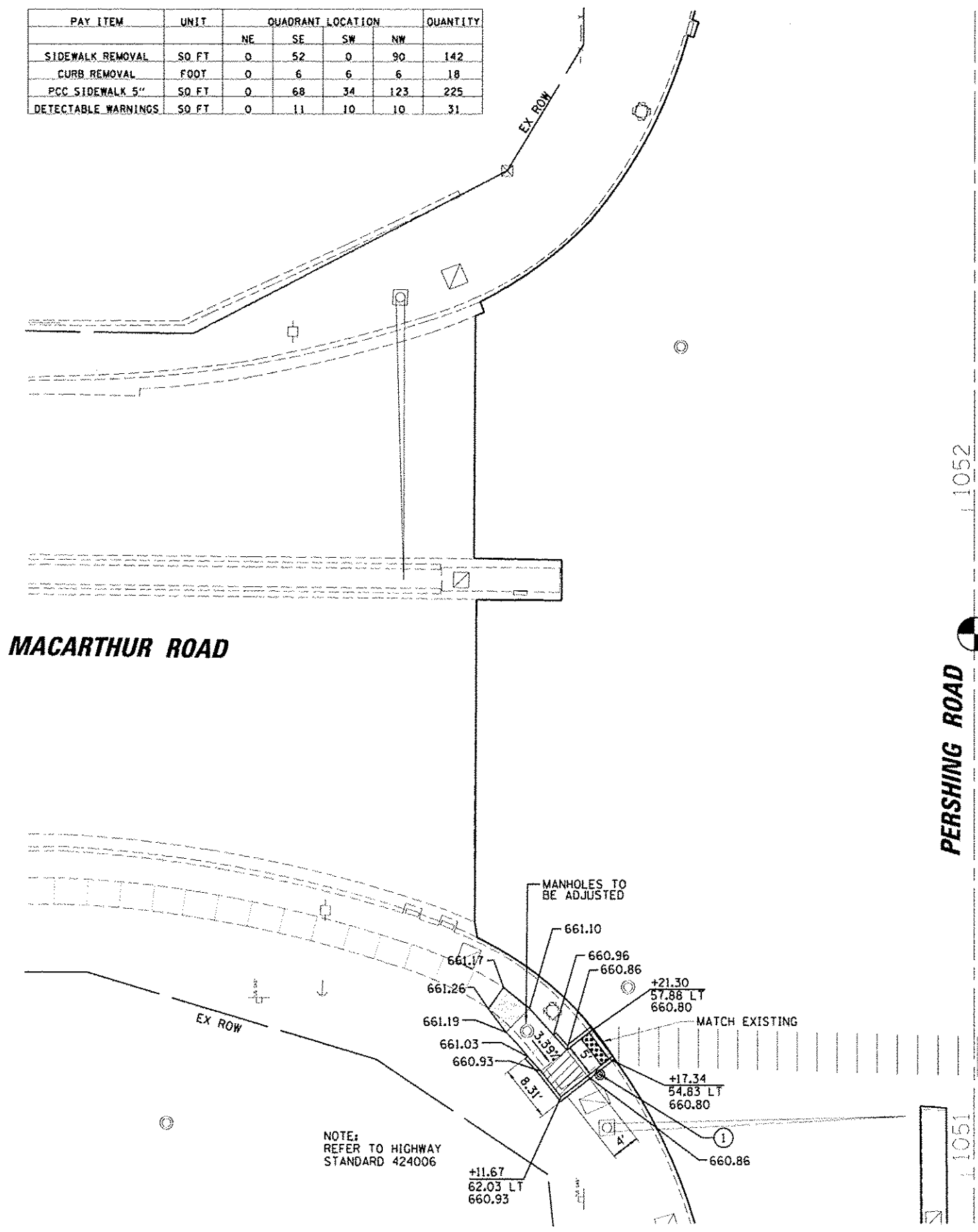
EX ROW

NOTE:  
REFER TO HIGHWAY  
STANDARD 424001

• 3.96%

FILE NAME 151001N608B - 07 Var Work Order 3 Default	USER NAME dlhlink IL 121 Resurfacing/CADD Civil/ND/74624 sht.d PLOT SCALE 20,0000 1/2 in. PLOT DATE 8/27/2014	DESIGNED - CAS DRAWN - DLB CHECKED - JMB DATE - 8/13/14	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIDEWALK RAMP DETAILS - PERSHING CT. FAP 320 (IL 121/L 48)</b>	F.A.P. RTE. 320	SECTION (126X)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 51	CONTRACT NO. 74624 ILLINOIS FED. AID PROJECT
SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.											

PAY ITEM	UNIT	QUADRANT LOCATION				QUANTITY
		NE	SE	SW	NW	
SIDEWALK REMOVAL	SO. FT.	0	52	0	90	142
CURB REMOVAL	FOOT	0	6	6	6	18
PCC SIDEWALK 5"	SO. FT.	0	68	34	123	225
DETECTABLE WARNINGS	SO. FT.	0	11	10	10	31



- NOTE:
- ① SEE TRAFFIC SIGNAL PLANS
  - ☒ DETECTABLE WARNINGS
  - ▨ LANDING AREA 4'x4' MIN, 5'x5' TYPICAL MAX 2%, 1.5% PREFERRED SLOPE IN ALL DIRECTIONS
  - ▭ TRANSITIONAL SEGMENT

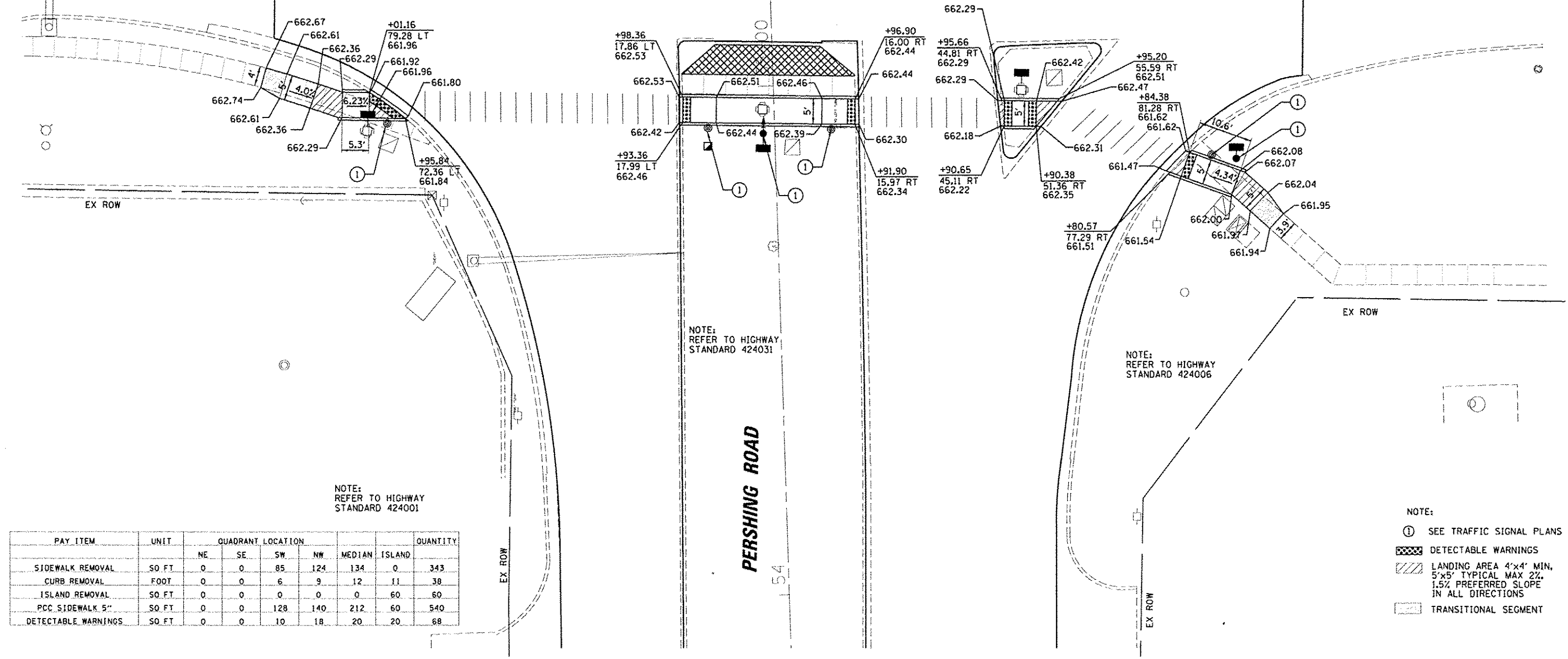
FILE NAME: D:\vnt\62808 - d7 var\work order 3	USER NAME: dballock	DESIGNED: CAS	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIDEWALK RAMP DETAILS - MONROE / MACARTHUR FAP 320 (IL 121/L 48)</b>	F.A.P. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:	
PLT SCALE: 3/8" = 1'	PLT DATE: 8/13/2014	DRAWN: DLB	REVISED: -			320	(126)RS-2, 135RS-1	MACON	119	52	
		CHECKED: JMB	REVISED: -			CONTRACT NO. 74624					
		DATE: 8/13/14	REVISED: -			ILLINOIS FED. AID PROJECT					



**MAIN STREET**

**MAIN STREET**

POT STA. 55+37.00



NOTE:  
REFER TO HIGHWAY  
STANDARD 424006

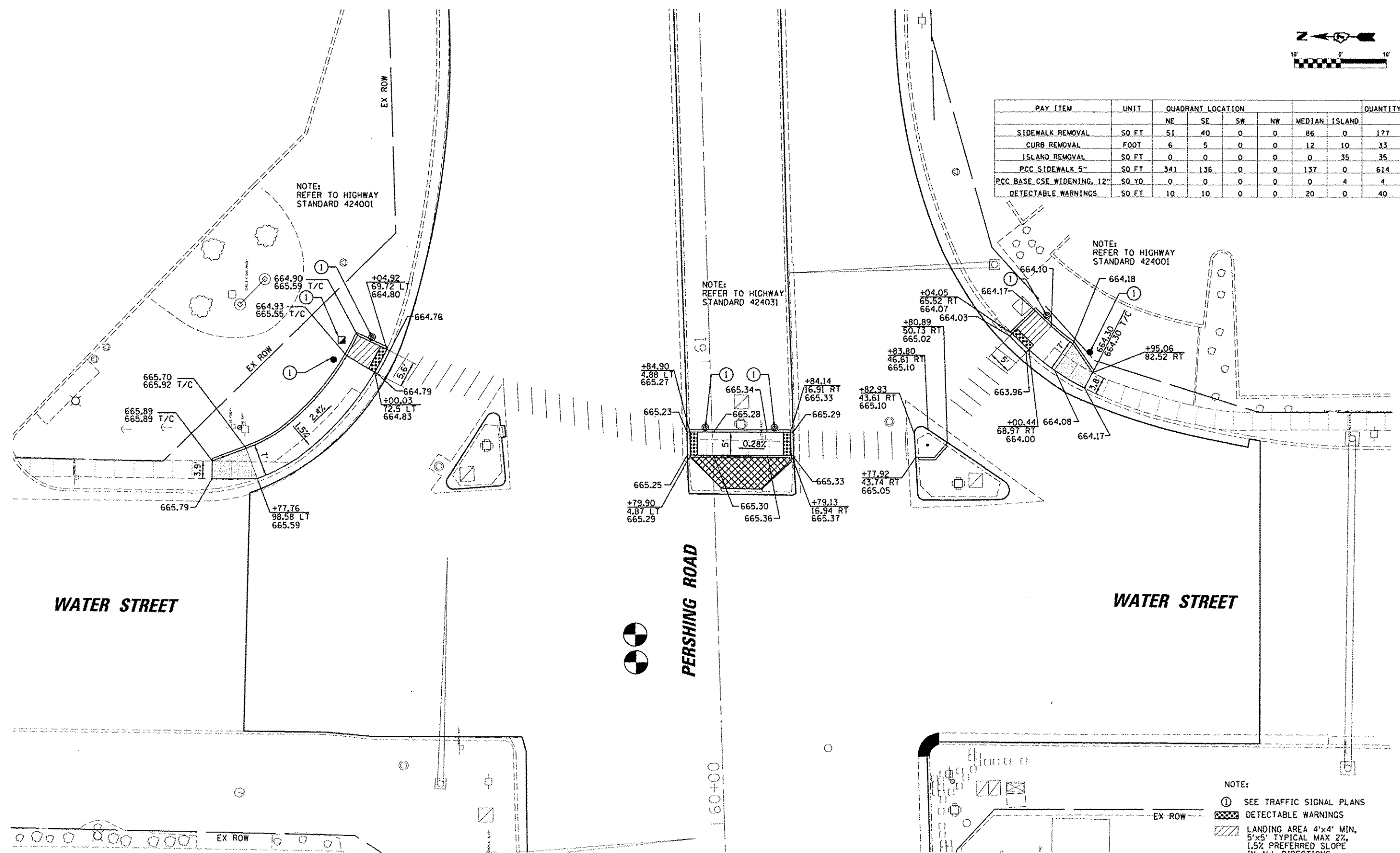
NOTE:  
REFER TO HIGHWAY  
STANDARD 424001

- NOTE:
- ① SEE TRAFFIC SIGNAL PLANS
  - ▨ DETECTABLE WARNINGS
  - ▨ LANDING AREA 4'x4' MIN, 5'x5' TYPICAL MAX 2%, 1.5% PREFERRED SLOPE IN ALL DIRECTIONS
  - ▨ TRANSITIONAL SEGMENT

PAY ITEM	UNIT	QUADRANT LOCATION							QUANTITY
		NE	SE	SW	NW	MEDIAN	ISLAND		
SIDEWALK REMOVAL	SO. FT.	0	0	85	124	134	0	343	
CURB REMOVAL	FOOT	0	0	6	9	12	11	38	
ISLAND REMOVAL	SO. FT.	0	0	0	0	0	60	60	
PCC SIDEWALK 5"	SO. FT.	0	0	128	140	212	60	540	
DETECTABLE WARNINGS	SO. FT.	0	0	10	18	20	20	68	



PAY ITEM	UNIT	QUADRANT LOCATION							QUANTITY
		NE	SE	SW	NW	MEDIAN	ISLAND		
SIDEWALK REMOVAL	50 FT	51	40	0	0	86	0	177	
CURB REMOVAL	FOOT	6	5	0	0	12	10	33	
ISLAND REMOVAL	50 FT	0	0	0	0	0	35	35	
PCC SIDEWALK 5"	50 FT	341	136	0	0	137	0	614	
PCC BASE CSE WIDENING 12"	50 YD	0	0	0	0	0	4	4	
DETECTABLE WARNINGS	50 FT	10	10	0	0	20	0	40	



- NOTE:
- ① SEE TRAFFIC SIGNAL PLANS
  - ▨ DETECTABLE WARNINGS
  - ▨ LANDING AREA 4'x4' MIN, 5'x5' TYPICAL MAX 2%, 1.5% PREFERRED SLOPE IN ALL DIRECTIONS
  - ▨ TRANSITIONAL SEGMENT

• ISLAND REMOVAL, REPLACE WITH PCC BASE COURSE WIDENING AND HMA SURFACE (SEE PLAN SHEETS).

FILE NAME: I:\INDOT\6000 - D7 Var Var\Work Order 3	USER NAME: utbullock	DESIGNED: CAS	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIDEWALK RAMP DETAILS - WATER ST. FAP 320 (IL 121/L 48)</b>		F.A.P. RTE: 320	SECTION: (126XRS-2, 135RS-1)	COUNTY: MACON	TOTAL SHEETS: 119	SHEET NO.: 54
	IL 121 Resurfacing\CA00_Civil\10774624\site-d	DRAWN: DLB	REVISED: -		SCALE: SHEET 5 OF 7 SHEETS	STA. TO STA.	CONTRACT NO. 74624		ILLINOIS FED. AID PROJECT		
	PLOT SCALE: 20.0000 / 1 in.	CHECKED: JMB	REVISED: -								
	PLOT DATE: 8/21/2014	DATE: 8/13/14	REVISED: -								



NOTE:  
REFER TO HIGHWAY  
STANDARD 424001

NOTE:  
REFER TO HIGHWAY  
STANDARD 424001

MEDIAN REMOVAL  
REPLACE W/ FLUSH  
RAMP NOSE

**BRETT AVENUE**

**PERSHING ROAD**

PAY ITEM	UNIT	QUADRANT LOCATION				QUANTITY
		NE	SE	SW	NW	
SIDEWALK REMOVAL	SQ. FT.	95	86	0	0	181
CURB REMOVAL	FOOT	6	5	0	0	11
PCC SIDEWALK 5"	SQ. FT.	112	103	0	0	215
DETECTABLE WARNINGS	SQ. FT.	12	10	0	0	22

- NOTE:
- ① SEE TRAFFIC SIGNAL PLANS
  - ▨ DETECTABLE WARNINGS
  - ▨ LANDING AREA 4'x4' MIN.  
5'x5' TYPICAL MAX 2%  
1.5% PREFERRED SLOPE  
IN ALL DIRECTIONS
  - ▨ TRANSITIONAL SEGMENT

FILE NAME: J:\DOT\6228 - 07 Var Var\Work Order 3  
Default

USER NAME: jshulick  
IL 121 Resurfacing\CAAD.Civil\12174624-sht.dwg  
PLOT SCALE: 28.0000 \* 1/16"  
PLT DATE: 8/21/2014

DESIGNED - CAS  
DRAWN - DLB  
CHECKED - JMB  
DATE - 8/13/14

REVISED -  
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REVISED -  
REVISED -

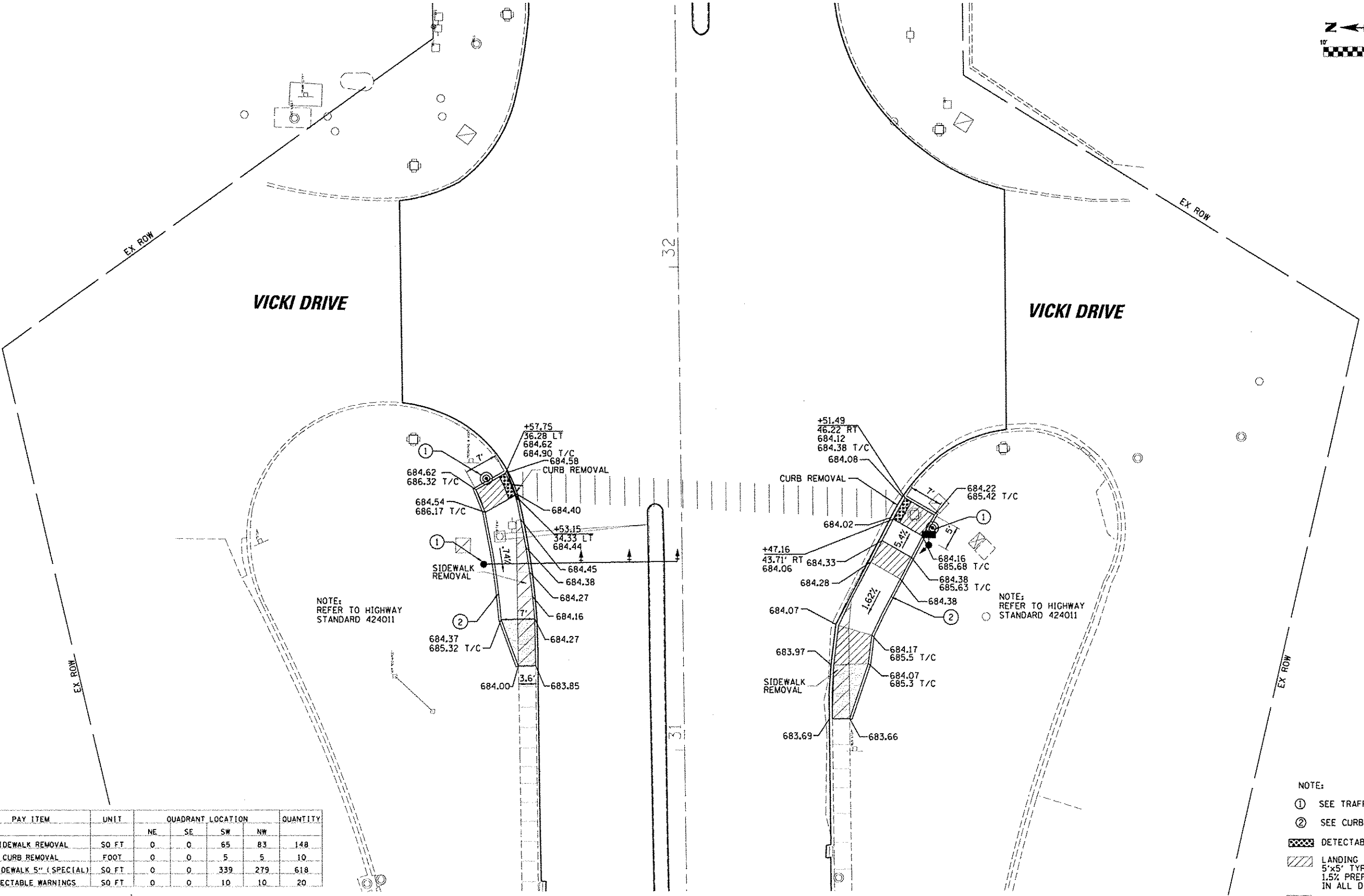
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - BRETT AVE.  
FAP 320 (IL 121/L 48)**

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	1126XRS-2, 135RS-1	MACON	119	55

CONTRACT NO. 74624  
ILLINOIS FED. AID PROJECT

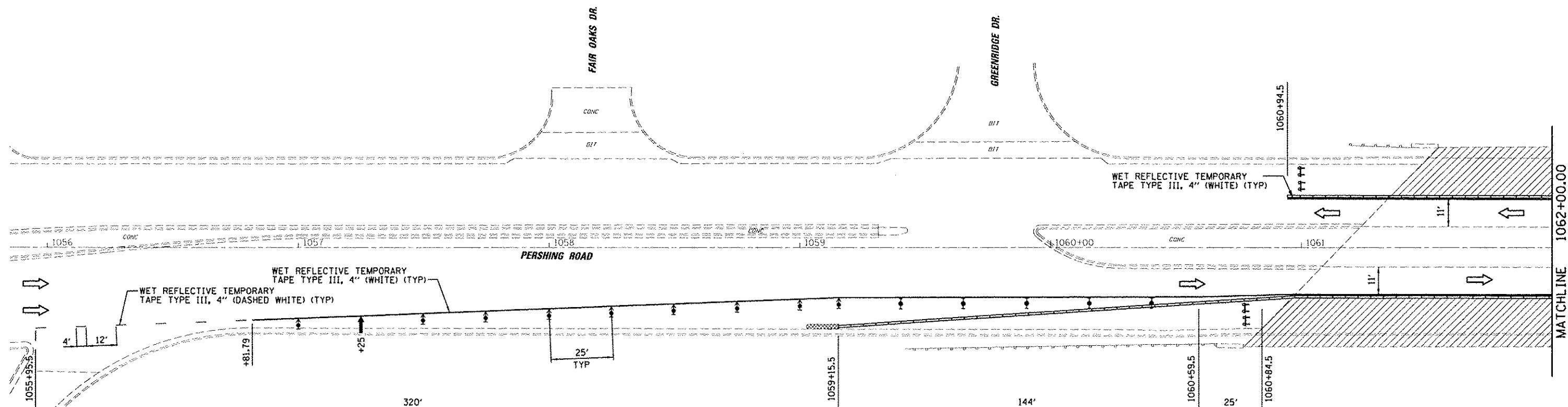
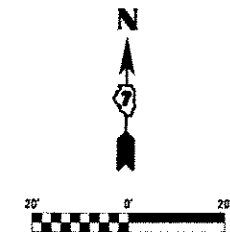


PAY ITEM	UNIT	QUADRANT LOCATION				QUANTITY
		NE	SE	SW	NW	
SIDEWALK REMOVAL	SQ. FT.	0	0	65	83	148
CURB REMOVAL	FOOT	0	0	5	5	10
PCC SIDEWALK 5" (SPECIAL)	SQ. FT.	0	0	339	279	618
DETECTABLE WARNINGS	SQ. FT.	0	0	10	10	20

- NOTE:
- ① SEE TRAFFIC SIGNAL PLANS
  - ② SEE CURB WALL DETAILS
  - DETECTABLE WARNINGS
  - LANDING AREA 4'x4' MIN, 5'x5' TYPICAL MAX 2%, 1.5% PREFERRED SLOPE IN ALL DIRECTIONS
  - TRANSITIONAL SEGMENT





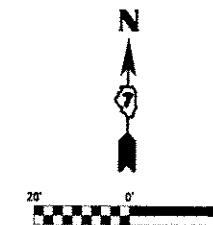


ADVANCED SIGNING AS PER TRAFFIC CONTROL AND PROTECTION STANDARD 701601

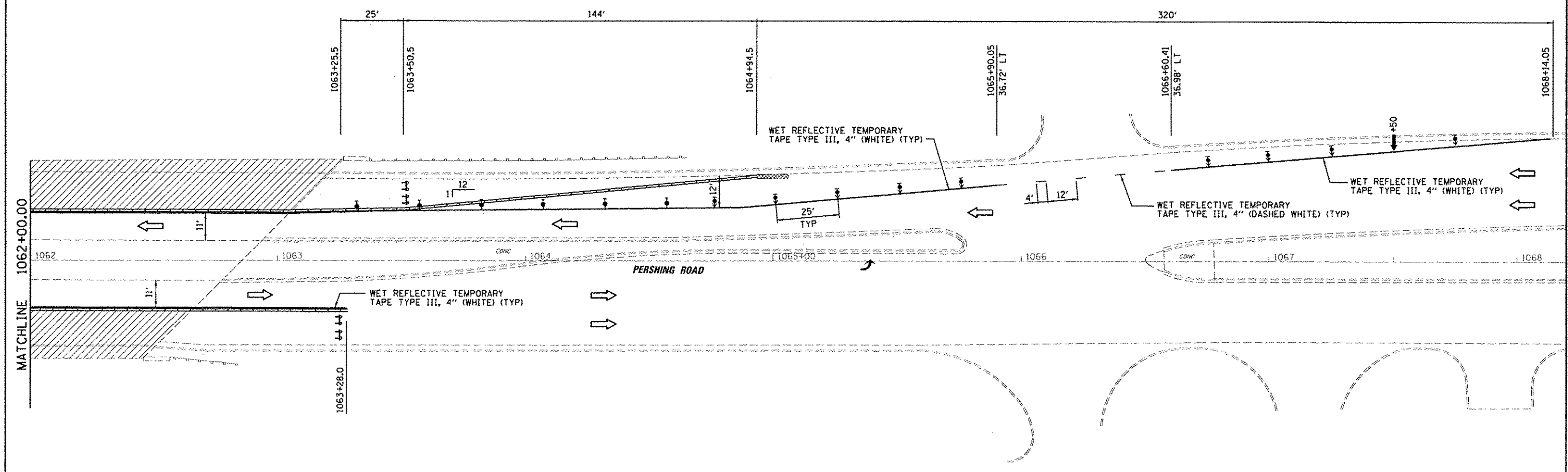
**LEGEND**

- ↑ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⊥ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN BI-DIRECTIONAL LIGHT
- ⚡ TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- ▨ WORK AREA
- ➡ ARROW BOARD
- ⊥ CONSTRUCTION SIGN
- ➡ DIRECTION OF TRAFFIC
- ▭ TEMPORARY CONCRETE BARRIER
- ⊘ IMPACT ATTENUATOR (TEMPORARY)

FILE NAME : D:\1001\6060 - 07 Var Var\Work Order 3 Default	USER NAME : abullough IL 121 Resurfacing\CA00_Cas\IND774624-shc PLOT SCALE : 40.0000 / in. PLOT DATE : 8/21/2014	DESIGNED : CAS	REVISED :	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGING PLAN - STAGE 1 FAP 320 (IL 121 / IL 48)</b>		F.A.P. RTE. : 320	SECTION : (126)RS-2, 135RS-1	COUNTY : MACON	TOTAL SHEETS : 119	SHEET NO. : 58
		DRAWN : RLK	REVISED :		SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.		CONTRACT NO. 74624 ILLINOIS FED. AID PROJECT				
CHECKED : JMB	REVISED :										
DATE : 8/13/14	REVISED :										



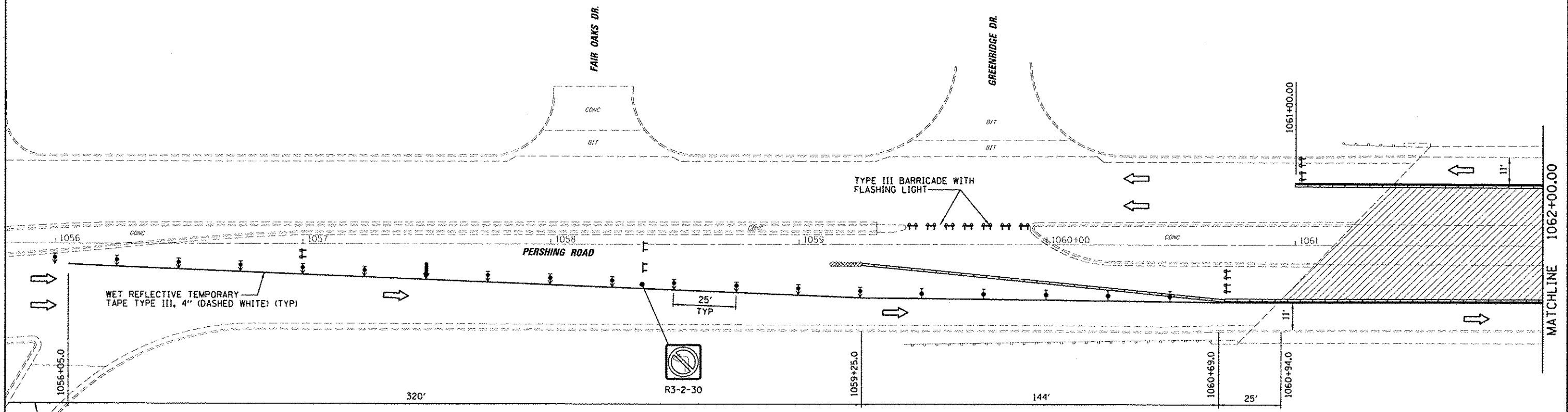
ADVANCED SIGNING AS PER  
TRAFFIC CONTROL AND  
PROTECTION STANDARD 701601



**LEGEND**

- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- ARROW BOARD
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR (TEMPORARY)

FILE NAME : J:\JDD\ING2888 - 07 Var Van\Work Order 3	USER NAME : dhuillock	DESIGNED : CAS	REVISED :	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGING PLAN - STAGE 1 FAP 320 (IL 121 /IL 48)</b>		F.A.P. RTE. 320	SECTION (126X)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 59	CONTRACT NO. 74624	
PL 01 SCALE : 48,0000 1/4" = 1'	PL 01 DATE : 8/21/2014	DRAWN : RLK	REVISED :		SCALE:	SHEET 3 OF 6 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT					
		CHECKED : JMB	REVISED :										
		DATE : 8/13/14	REVISED :										



ADVANCED SIGNING AS PER TRAFFIC CONTROL AND PROTECTION STANDARD 701601

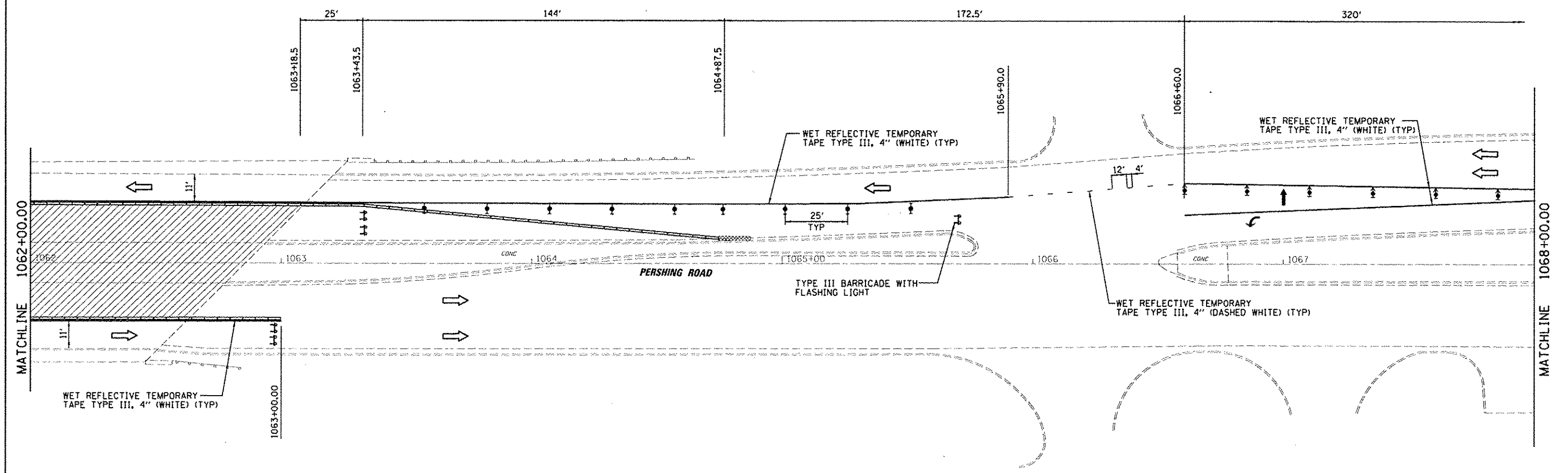
**LEGEND**

- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- ARROW BOARD
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR (TEMPORARY)

FILE NAME : ENIGD1\G208 - 07 Var Var\Work Order 3	USER NAME : rhollock	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGING PLAN - STAGE 2 FAP 320 (IL 121 /IL 48)</b>		F.A.P. RTE. 320	SECTION (126X)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 60	
Default	IL 121 Resurfacing\CA000.Grs\LD774624.sht	DRAWN by - RLK	REVISED -		SCALE:	SHEET 4 OF 6 SHEETS	STA. TO STA.	CONTRACT NO. 74624				
	PLOT SCALE - 4/8"=1' / 1" = 10'	CHECKED - JMB	REVISED -		ILLINOIS FED. AID PROJECT							
	PLOT DATE - 8/21/2014	DATE - 8/13/14	REVISED -									



ADVANCED SIGNING AS PER  
TRAFFIC CONTROL AND  
PROTECTION STANDARD 701601



**LEGEND**

- ↑ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ↓ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN BI-DIRECTIONAL LIGHT
- ↑↓ TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- ▨ WORK AREA
- ➡ ARROW BOARD
- ⊥ CONSTRUCTION SIGN
- ➡ DIRECTION OF TRAFFIC
- ▭ TEMPORARY CONCRETE BARRIER
- ⊘ IMPACT ATTENUATOR (TEMPORARY)

FILE NAME :  
B:\1001\6800 - 07 Var Var\Work Order 3

USER NAME : dtballack  
B. 121 Resur Facing\CAUD Civil\0774624-ohf  
PL01 SCALE = 48.00000 / 1"  
PLOT DATE = 8/21/2014

DESIGNED - CAS  
DRAWN - RLK  
CHECKED - JMB  
DATE - 8/13/14

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGING PLAN - STAGE 2  
FAP 320 (IL 121 /IL 48)**

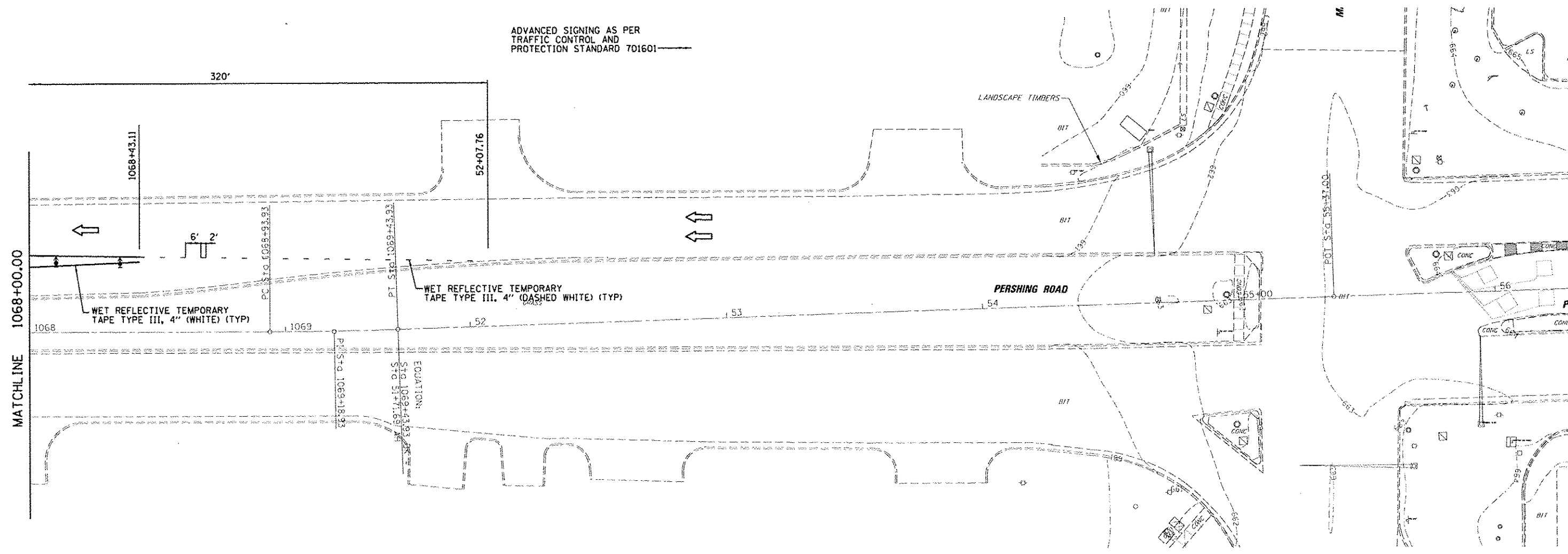
SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(126X)RS-2, 135RS-1	MACON	119	61
CONTRACT NO. 74624				

ILLINOIS FED. AID PROJECT



ADVANCED SIGNING AS PER  
TRAFFIC CONTROL AND  
PROTECTION STANDARD 701601



**LEGEND**

- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- WORK AREA
- ARROW BOARD
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR (TEMPORARY)

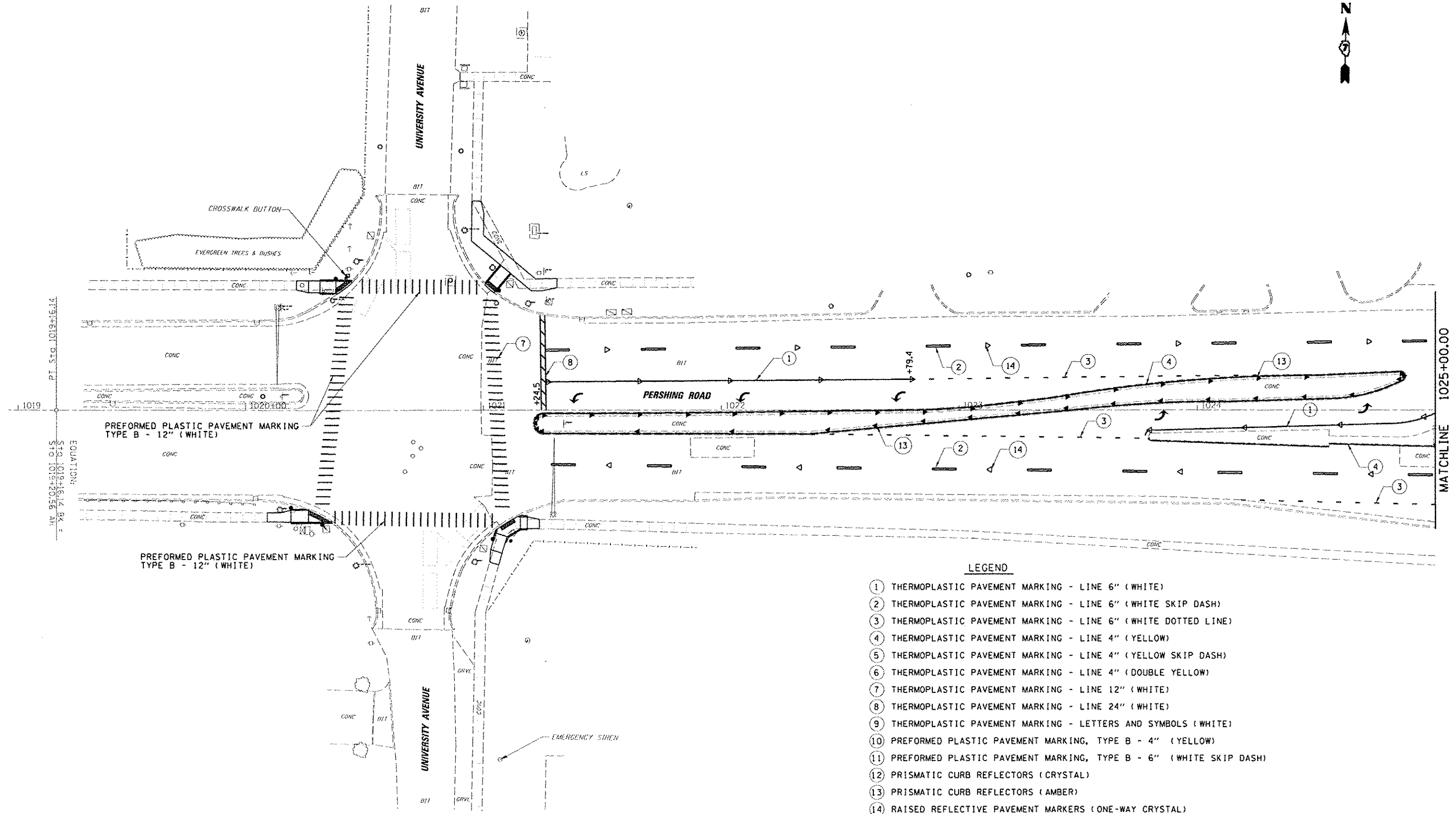
FILE NAME : INJ01NE02B - 07 Var Var\Work Order 3	USER NAME : jboering	DESIGNED : CAS	REVISED : -
	IL 121 Resurfacing\CAAD,Civil\1074624-shs	DRAWN: RLK	REVISED : -
	PLOT SCALE : 40,0000 / 1 in.	CHECKED : JMB	REVISED : -
Default	PLOT DATE : 8/21/2014	DATE : 8/13/14	REVISED : -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGING PLAN - STAGE 2  
FAP 320 (IL 121 /IL 48)**

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

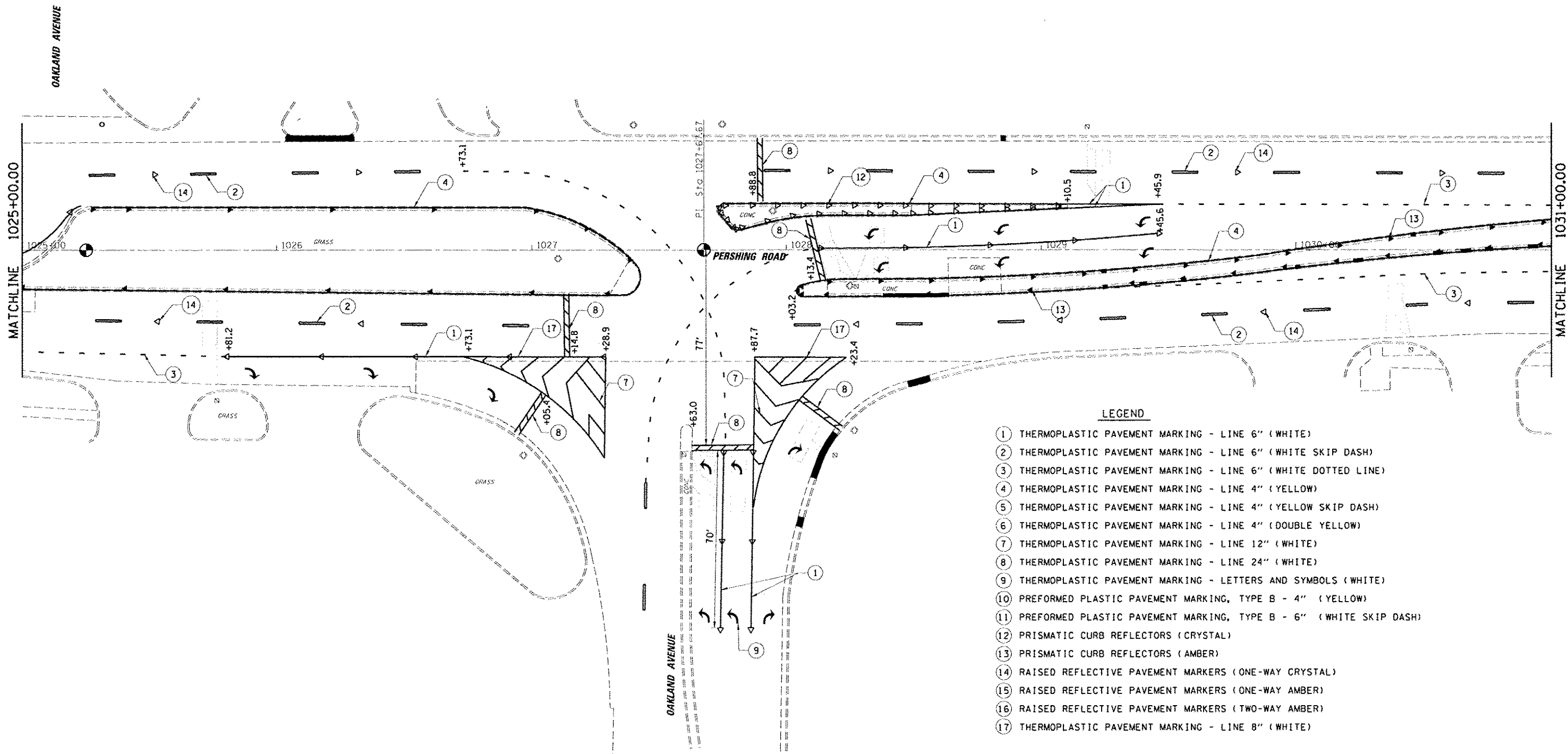
F.A.P. RTE. 320	SECTION (126)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 62
				CONTRACT NO. 74624
ILLINOIS FED. AID PROJECT				



**LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
- ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
- ⑬ PRISMATIC CURB REFLECTORS (AMBER)
- ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
- ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
- ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

FILE NAME: R:\DDT\6000 - 07 Var Var\Work Order 3	USER NAME: casofert	DESIGNED: CAS	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 121/IL 48)</b>		F.A.P. RTE. 320	SECTION 1126XJRS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 63	
	PL 01 SCALE: 48.88888 * 1/8"	DRAWN: DLB	REVISED: -		SCALE:	SHEET 1 OF 23 SHEETS	STA. TO STA.	CONTRACT NO. 74624				
	PL 01 DATE: 8/26/2014	CHECKED: JMB	REVISED: -		ILLINOIS FED. AID PROJECT							
		DATE: 8/13/14	REVISED: -									

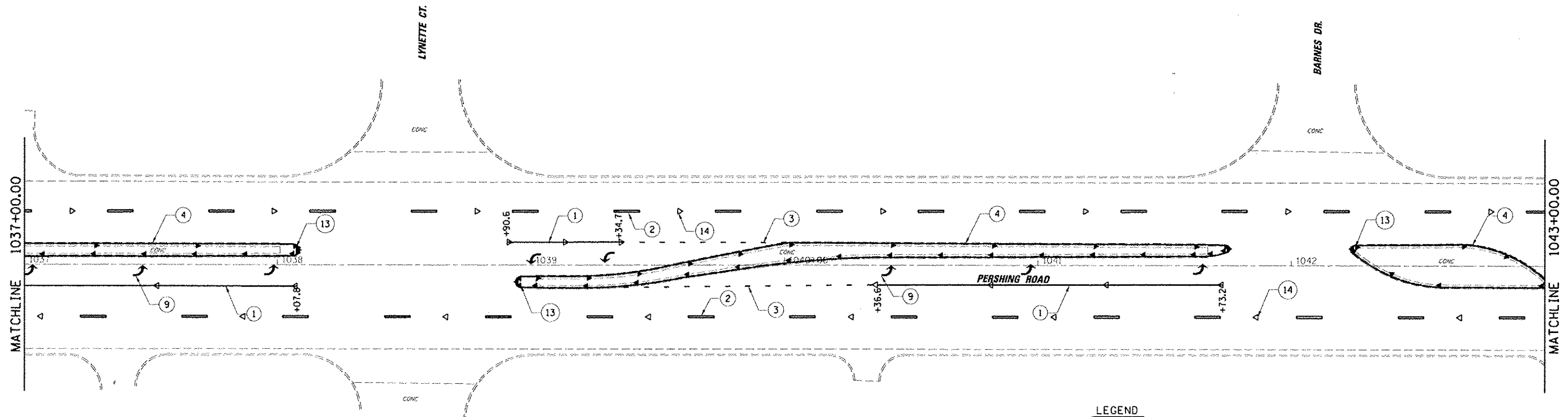


- LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
  - ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
  - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
  - ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
  - ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
  - ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
  - ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
  - ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
  - ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
  - ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
  - ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
  - ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
  - ⑬ PRISMATIC CURB REFLECTORS (AMBER)
  - ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
  - ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
  - ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
  - ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

FILE NAME: J:\1001\6088 - 07 Var Var\Work Order 3	USER NAME: esjofemt	DESIGNED: CAS	REVISED:	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 121/IL 48)</b>		F.A.P. RTE. 320	SECTION 1126XRS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 64	
Default	PLT SCALE: 48.0000 / in.	DRAWN: DLB	REVISED:		SCALE:	SHEET 2 OF 23 SHEETS	STA.	TO STA.	CONTRACT NO. 74624			
	PLOT DATE: 9/26/2014	CHECKED: JMB	REVISED:		ILLINOIS FED. AID PROJECT							
		DATE: 8/13/14	REVISED:									



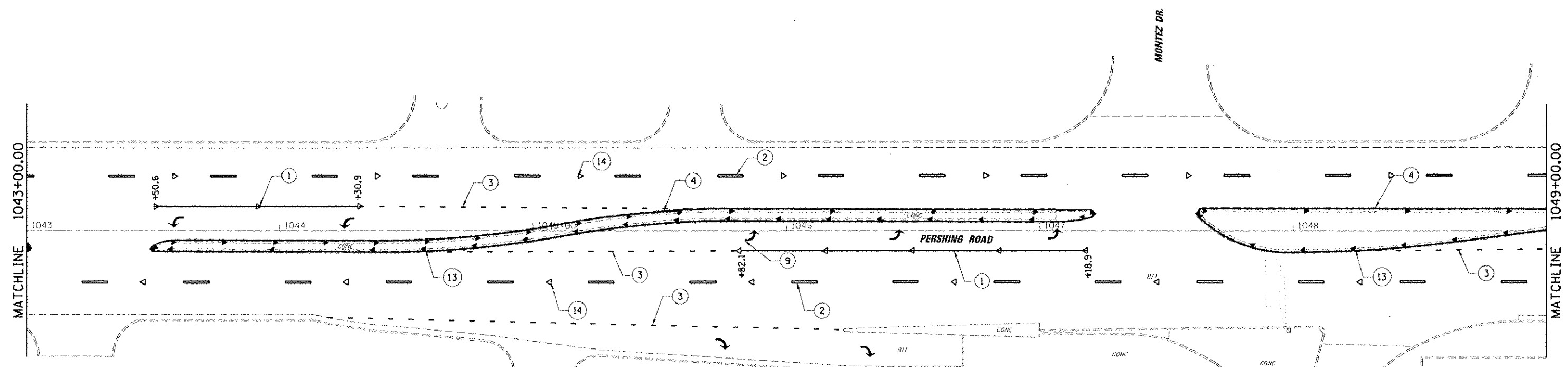
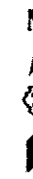




**LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
- ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
- ⑬ PRISMATIC CURB REFLECTORS (AMBER)
- ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
- ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
- ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

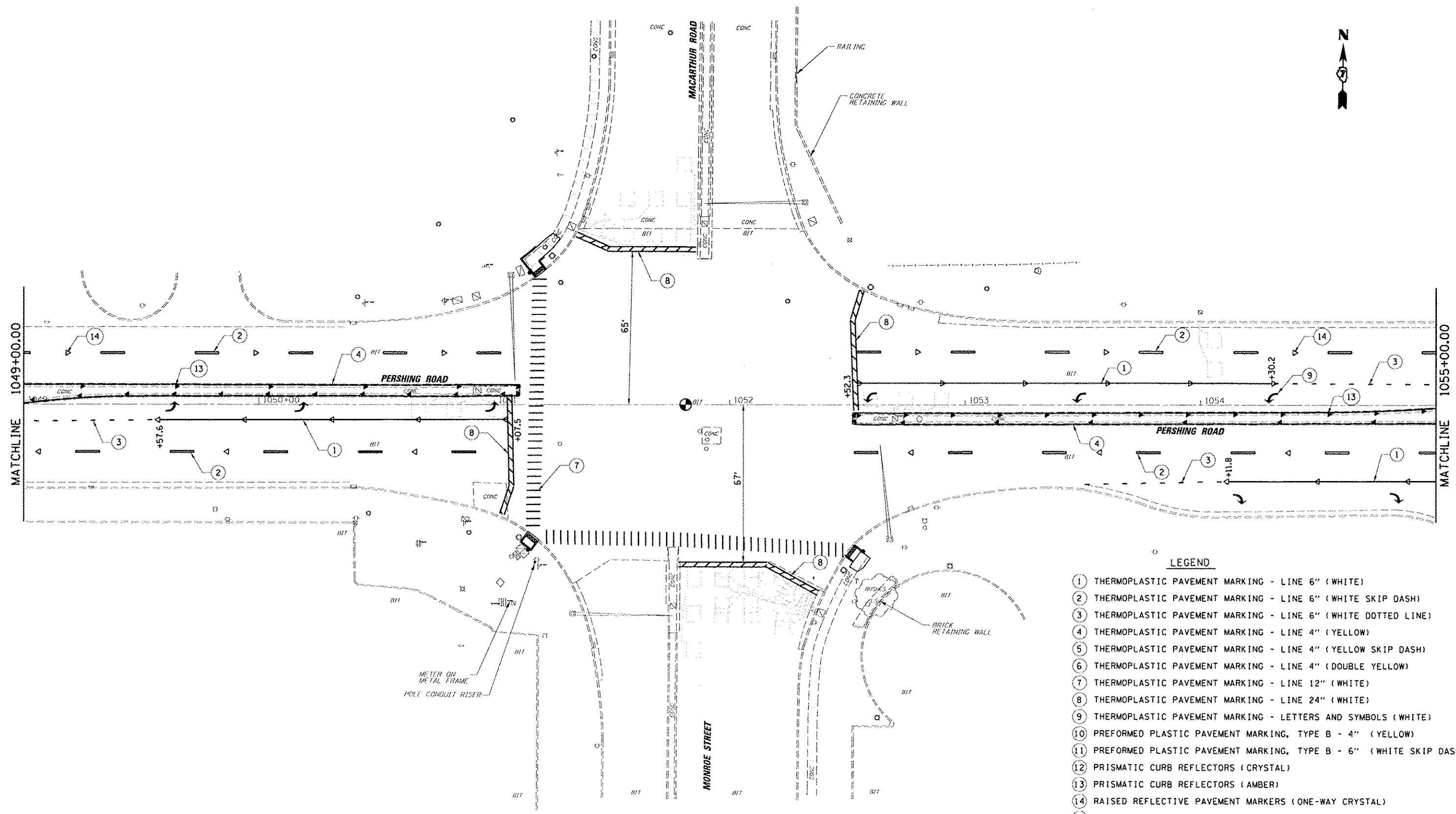
FILE NAME: B:\D\F\B288 07 Var Var Work Dr\for 3	USER NAME: casinfart	DESIGNED: CAS	REVISIONS:	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 121/IL 48)</b>		F.A.P. RTE. 320	SECTION (126XIR5-2, 135RS-1)	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 66	
	BL 121 Resurfacing\CAOB Civil\10774624.sht.plt	DRAWN: DLB	REVISED:		SCALE:	SHEET 4 OF 23 SHEETS	STA. TO STA.	CONTRACT NO. 74624				
	PLT SCALE: 48,0000 / 1 in.	CHECKED: JMB	REVISED:		ILLINOIS FED. AID PROJECT							
	PLT DATE: 9/26/2014	DATE: 8/13/14	REVISED:									



**LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
- ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
- ⑬ PRISMATIC CURB REFLECTORS (AMBER)
- ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
- ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
- ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

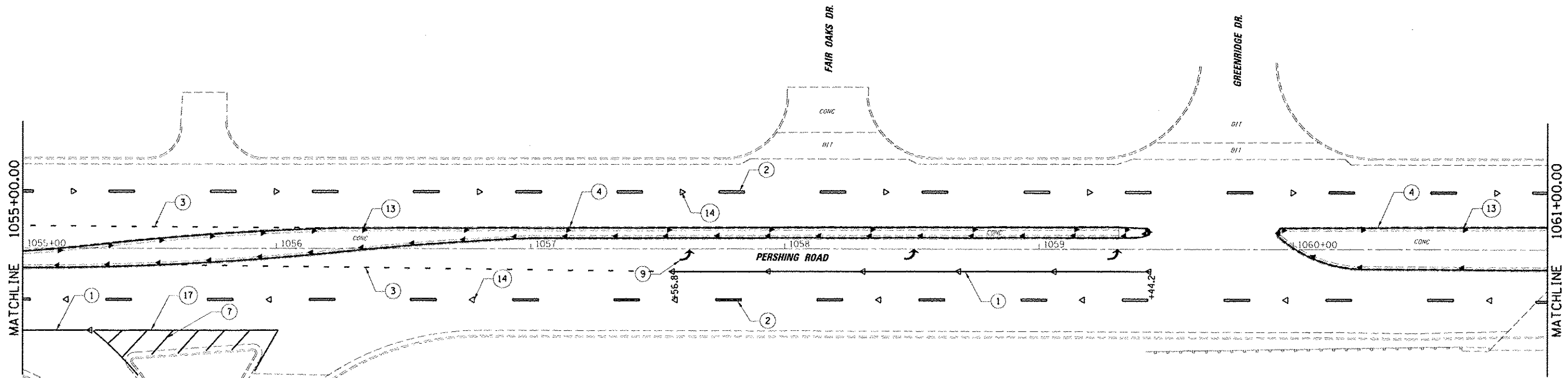
FILE NAME: D:\JDT\6880 - 07 Var Var\Work Order 3	USER NAME: casinfant	DESIGNED: CAS	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 121/IL 48)</b>		F.A.P. RTE. 320	SECTION (126X)R5-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 67	
Default	PLT SCALE: 48.0000 1/8" = 1'	DRAWN: DLB	REVISED: -		SCALE: SHEET 5 OF 23 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT					
	PLT DATE: 9/26/2014	CHECKED: JMB	REVISED: -									
		DATE: 8/13/14	REVISED: -									



**LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
- ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
- ⑬ PRISMATIC CURB REFLECTORS (AMBER)
- ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
- ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
- ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

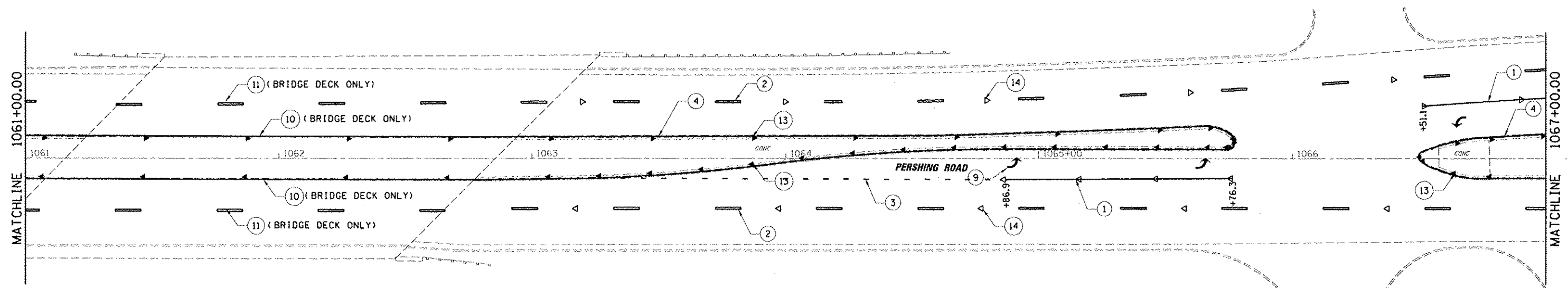
FILE NAME IN1001N62WB - 07 Var Var Work Order 3	USER NAME casfer	DESIGNED CAS	REVISED	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 12/IL 48)</b>		F.A.P. RTE. 320	SECTION (126X)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 68
	PL01 SCALE 48,0000 1/4"	DRAWN DLB	REVISED				ILLINOIS FED. AID PROJECT	CONTRACT NO. 74624			
Default	PL01 DATE 9/26/2014	CHECKED JMB	REVISED	DATE 8/13/14	SCALE:	SHEET 6 OF 23 SHEETS	STA.	TO STA.			



**LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
- ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
- ⑬ PRISMATIC CURB REFLECTORS (AMBER)
- ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
- ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
- ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

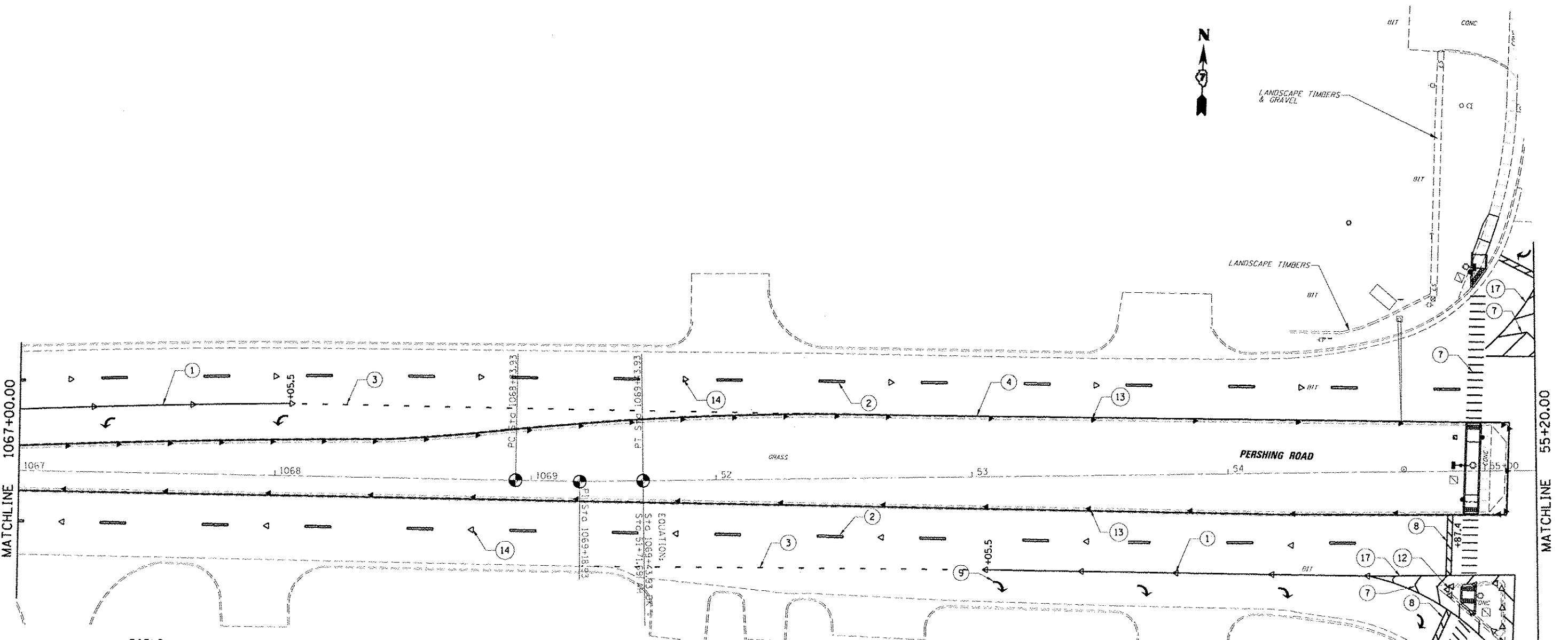
FILE NAME - D:\DOT\6888 - 07 Var Var\Work Order 3	USER NAME - casinfert	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 121/IL 48)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLT SCALE - 1/8" = 100'	CHECKED - JMB	REVISED -			320	(126X)RS-2, 135RS-1	MACON	119	69
Default	PLT DATE - 5/26/2014	DATE 8/13/14	REVISED -	SCALE:	SHEET 7 OF 23 SHEETS	STA.	TO STA.	CONTRACT NO. 74624 ILLINOIS FED. AID PROJECT		



**LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
- ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
- ⑬ PRISMATIC CURB REFLECTORS (AMBER)
- ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
- ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
- ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

FILE NAME - I:\3031\6289 D7 Var Var\Work Order 3 On/Off:	USER NAME - cseferf H 121 Regu Engrg\NEAPD,Civil\10774624-1111 PLOT SCALE - 48,0000 1" = 100' PLOT DATE - 9/26/2014	DESIGNED - CAS DRAWN - DLB	REVISIONS REVISIONS REVISIONS REVISIONS	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 121/IL 48)</b>	F.A.P. RTE. 320	SECTION (126X)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 70
		CHECKED - JMB DATE - 8/13/14	SCALE: SHEET 8 OF 23 SHEETS STA. TO STA.			CONTRACT NO. 74624 ILLINOIS FED. AID PROJECT				

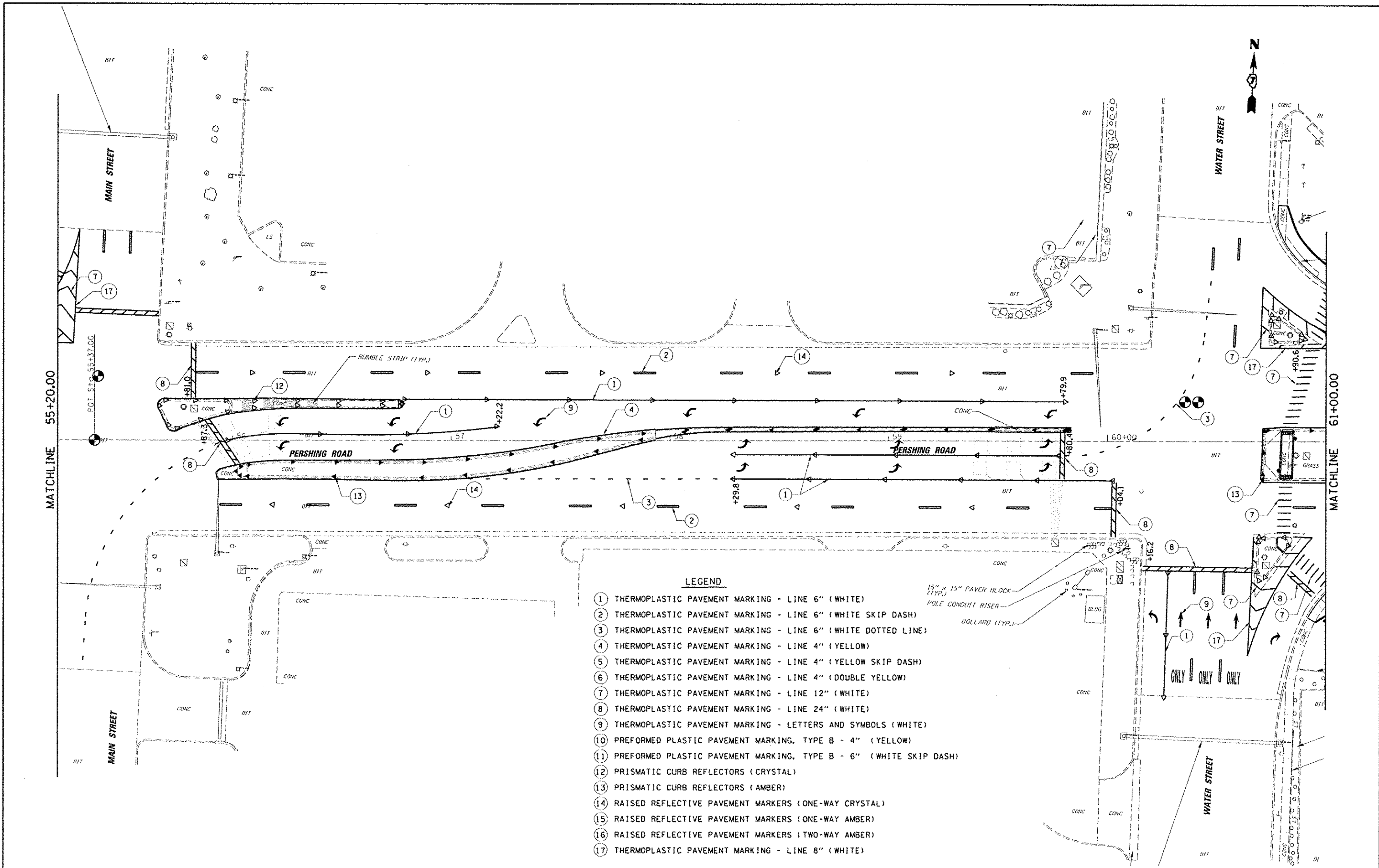


**LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
- ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
- ⑬ PRISMATIC CURB REFLECTORS (AMBER)
- ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
- ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
- ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

EXIST. CURVE C4  
 PI STA. = 1069+18.93  
 $\Delta = 1^\circ 48' 19''$  (L1)  
 $D = 3^\circ 36' 38''$   
 $R = 1,586.90'$   
 $T = 25.00'$   
 $L = 50.00'$   
 $E = 0.20'$   
 P.C. STA. = 1068+93.93  
 P.T. STA. = 1069+43.93

FILE NAME: J:\1001\6008 - 07 Var Var\Work Order 3	USER NAME: casipfer1	DESIGNED: CAS	REVISED:	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 121/IL 48)</b>		F.A.P. RTE. 320	SECTION (126X)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 71	
PLT DATE: 9/26/2014	PLT SCALE: 48.0000 1/2 in.	DRAWN: DLB	REVISED:		SCALE:	SHEET 9 OF 23 SHEETS	STA. TO STA.	CONTRACT NO. 74624				
		CHECKED: JMB	REVISED:					ILLINOIS FED. AID PROJECT				
		DATE: 8/13/14	REVISED:									

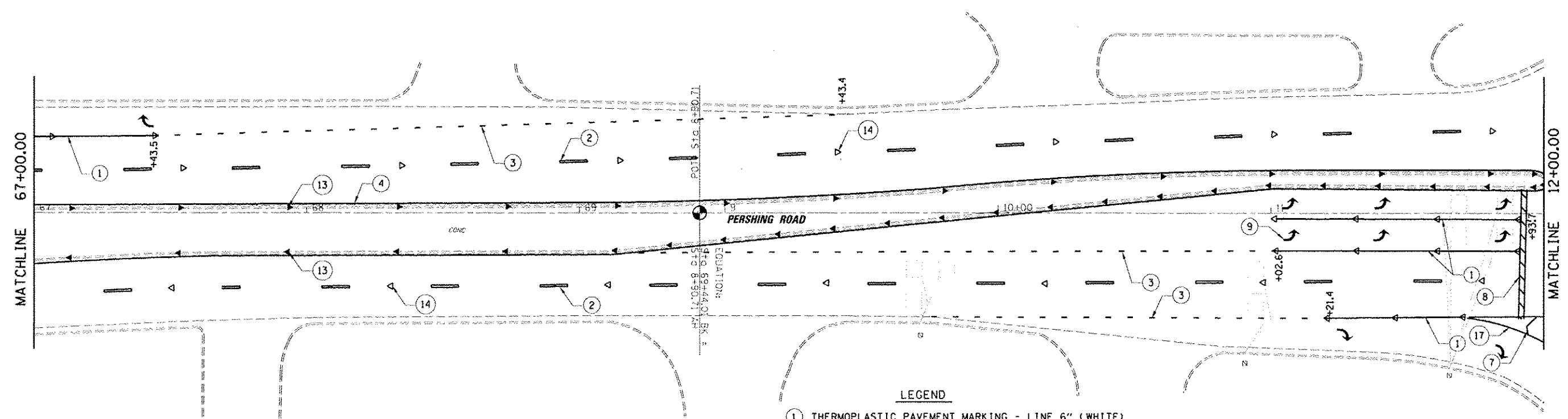


- LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
  - ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
  - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
  - ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
  - ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
  - ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
  - ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
  - ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
  - ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
  - ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
  - ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
  - ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
  - ⑬ PRISMATIC CURB REFLECTORS (AMBER)
  - ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
  - ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
  - ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
  - ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

FILE NAME: J:\IND\FG888 - 07 Var Var Work Order 3	USER NAME: esiefaat	DESIGNED: CAS	REVISED:	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 121/IL 48)</b>		F.A.P. RTE. 320	SECTION (126)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 72	
PLT SCALE: 48,00000 / in.	PLT DATE: 11/26/2014	DRAWN: DLB	REVISED:		SCALE:	SHEET 10 OF 23 SHEETS	STA. TO STA.	CONTRACT NO. 74624				
PLT CHECKED: JMB	DATE: 8/13/14	REVISED:	REVISED:		ILLINOIS FED. AID PROJECT							



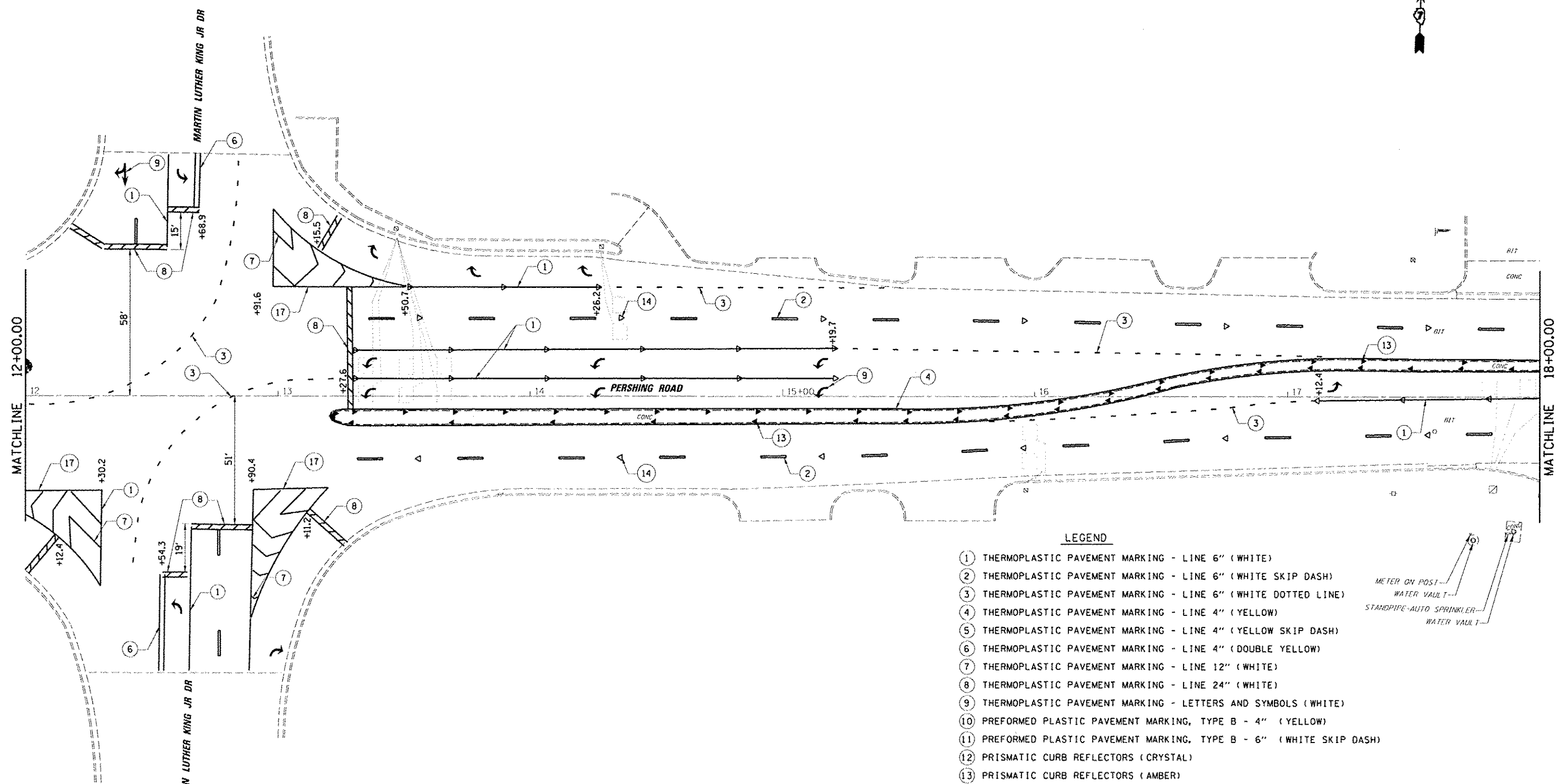




**LEGEND**

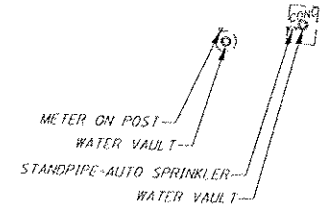
- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
- ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
- ⑬ PRISMATIC CURB REFLECTORS (AMBER)
- ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
- ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
- ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

FILE NAME: D:\001\11888 - D7 Var Work Order 1 USER NAME: gsaufert PLT SCALE: 48,0000 1/4 in. PLOT DATE: 8/26/2014	DESIGNED: CAS DRAWN: DLB CHECKED: JMB DATE: 8/13/14	REVISED: - REVISED: - REVISED: - REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 121/IL 48)</b>		F.A.P. RTE. 320 SECTION (126X)RS-2, 135RS-1 COUNTY MACON CONTRACT NO. 74624	TOTAL SHEETS 119 SHEET NO. 74
	SCALE: SHEET 12 OF 23 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT			

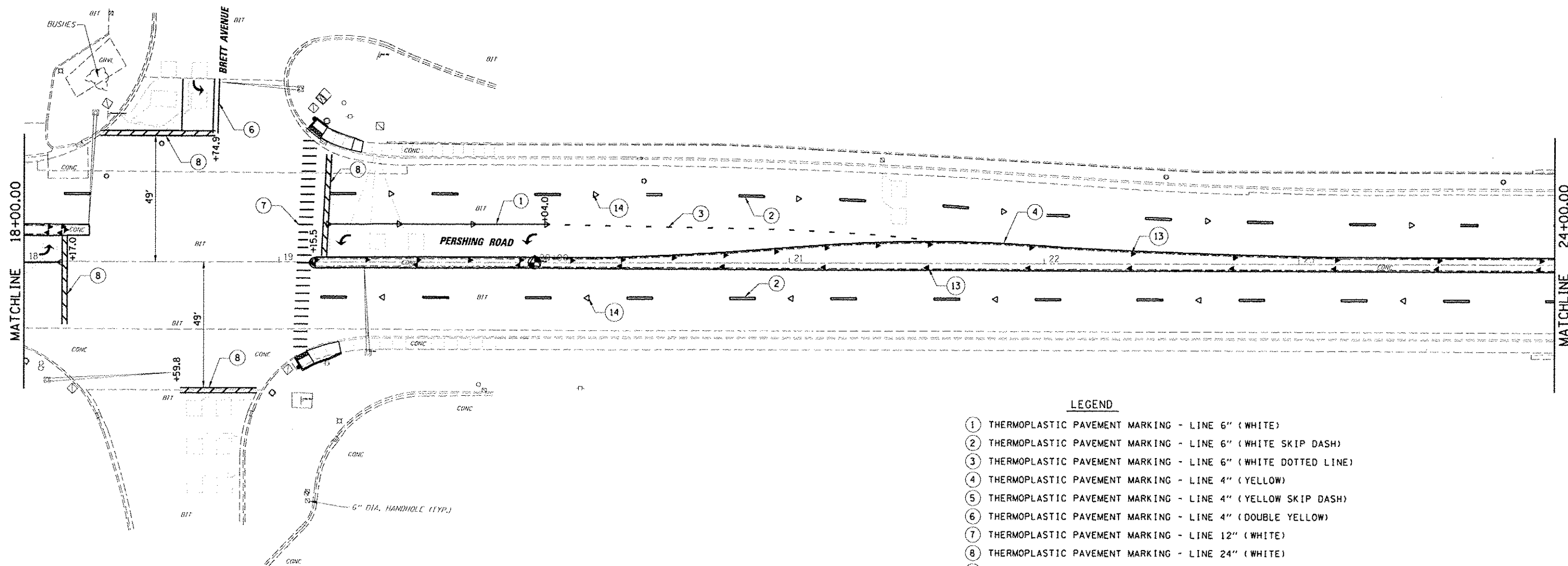


**LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
- ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
- ⑬ PRISMATIC CURB REFLECTORS (AMBER)
- ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
- ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
- ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)



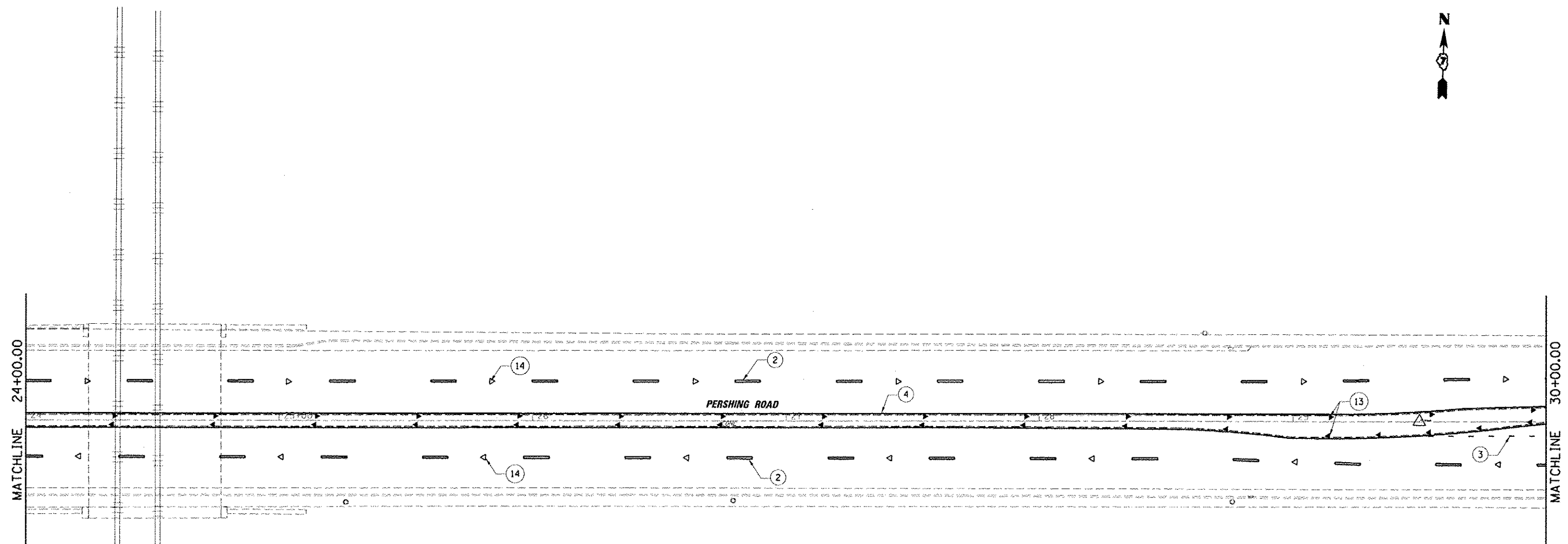
FILE NAME - PROJECT NUMBER - 07 Van Van Work Order 3 USER NAME - casfort IL 121 Resurfacing/ROAD.Civil/12174624.sht PLOT SCALE = 48.0000 1/4" = 1' = 120.0000 PLOT DATE = 8/26/2014	DESIGNED - CAS DRAWN - DLB	REVISIONS REVISIONS REVISIONS REVISIONS	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN</b> <b>FAP 320 (IL 121/IL 48)</b>		F.A.P. RTE. 320	SECTION (126X)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 75
	DATE - 8/13/14	SCALE:		SHEET 13 OF 23 SHEETS STA. TO STA.	CONTRACT NO. 74624 ILLINOIS FED. AID PROJECT					



**LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
- ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
- ⑬ PRISMATIC CURB REFLECTORS (AMBER)
- ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
- ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
- ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

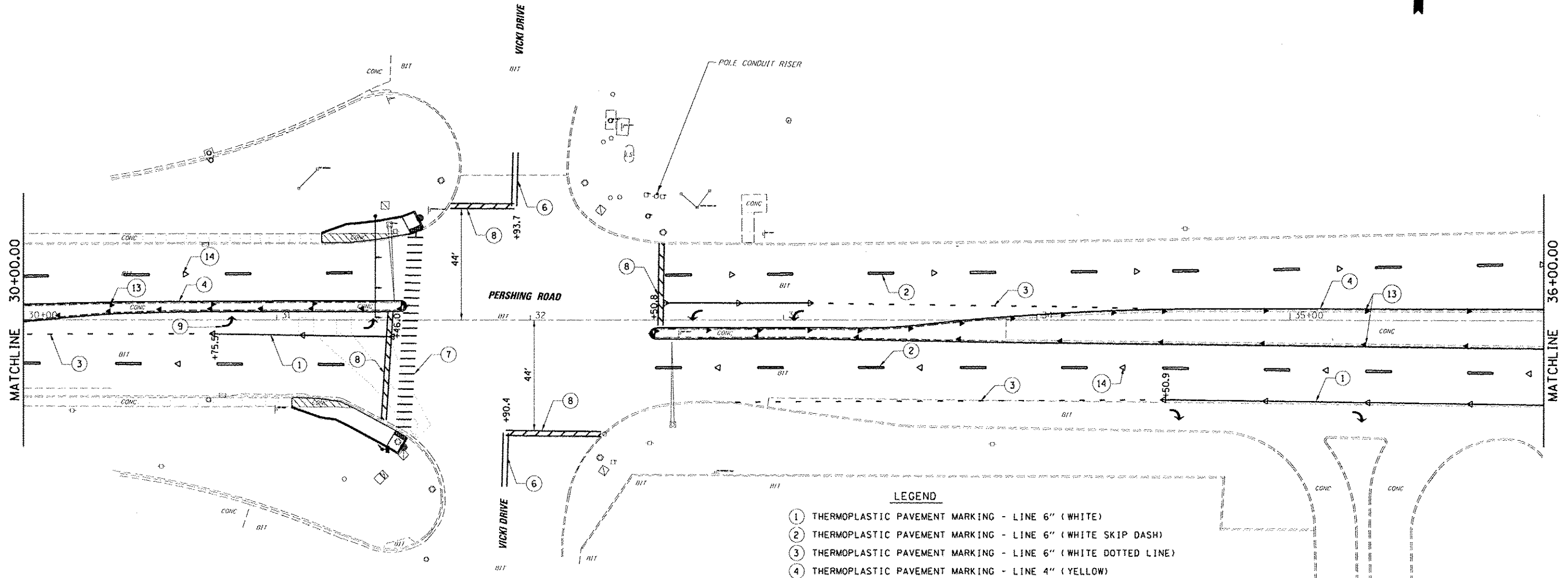
FILE NAME -	USER NAME - casefort	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 12V/IL 48)</b>		F.A.P. RTE. 320	SECTION (126XRS-2, 135RS-1)	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 76	
IN3001N6280 - 07 Ver Work Order 3	IL 121 Resurfacing/CAO/Cris/07/4624-sh1-p	DRAWN - DLB	REVISED -		SCALE:	SHEET 14 OF 23 SHEETS	STA. TO STA.	CONTRACT NO. 74624				
Default	PLOT SCALE = 40.0000' / 1" =	CHECKED - JMB	REVISED -		ILLINOIS FED. AID PROJECT							
	PLOT DATE = 9/26/2014	DATE - 8/13/14	REVISED -									



**LEGEND**

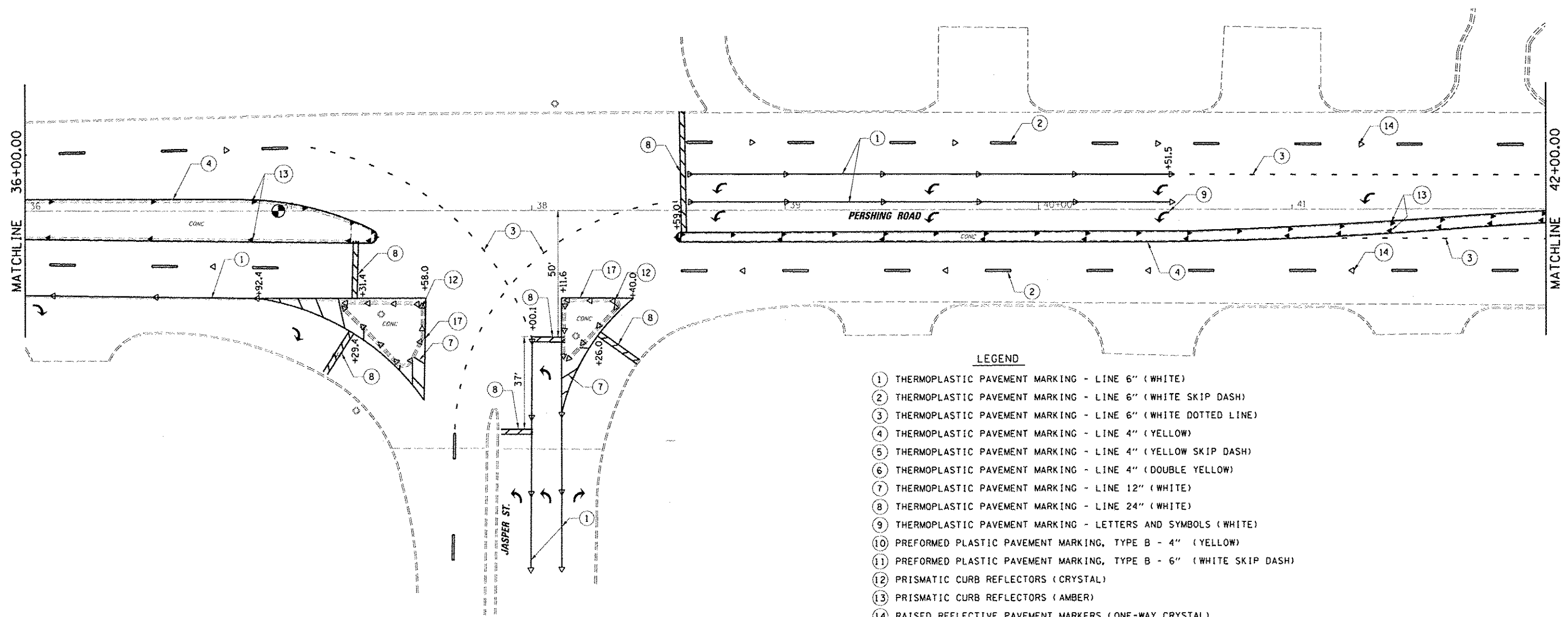
- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
- ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
- ⑬ PRISMATIC CURB REFLECTORS (AMBER)
- ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
- ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
- ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

FILE NAME - J:\1001\6808 - 07 Var Var\Mark Order 3	USER NAME - casferret	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 12V/IL 48)</b>		F.A.P. RTE. 320	SECTION (126X)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 77
	PL01 SCALE - 48.0000 1/4" = 1'	CHECKED - JMB	REVISED -				SCALE:	SHEET 15 OF 23 SHEETS	STA. TO STA.	CONTRACT NO. 74624	
Default	PL01 DATE - 4/26/2014	DATE - 8/13/14	REVISED -								



- LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
  - ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
  - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
  - ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
  - ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
  - ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
  - ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
  - ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
  - ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
  - ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
  - ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
  - ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
  - ⑬ PRISMATIC CURB REFLECTORS (AMBER)
  - ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
  - ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
  - ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
  - ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

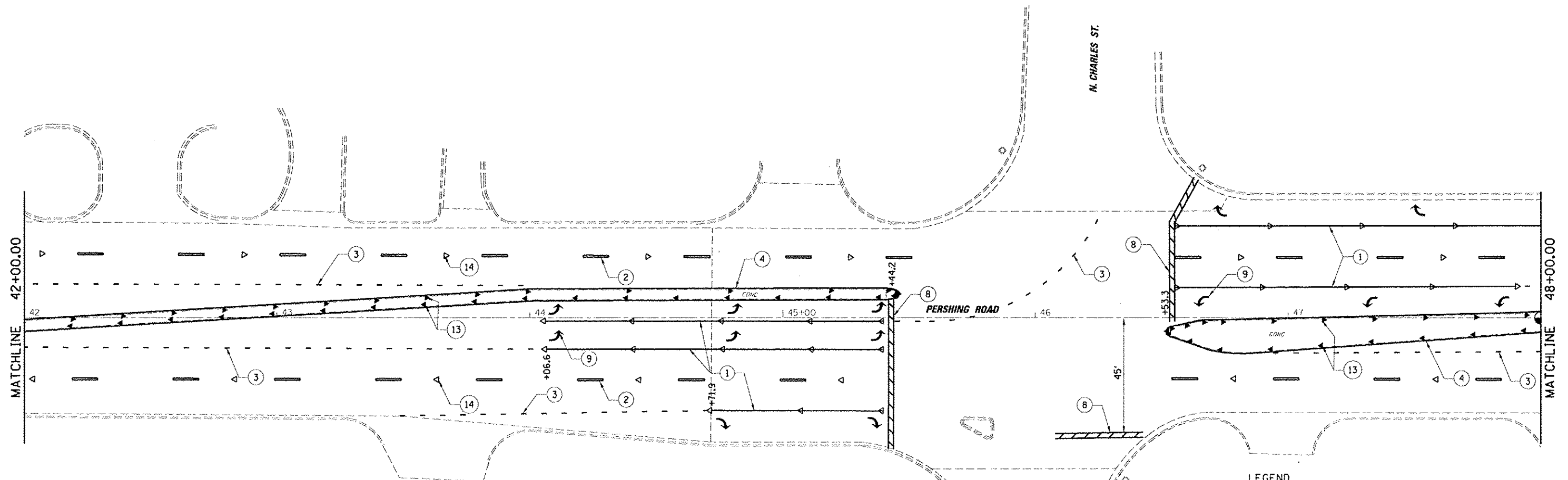
FILE NAME -	USER NAME -	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 121/IL 48)</b>	F.A.P. RTE. 320	SECTION (126XRS-2, 135RS-1)	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 78		
INJDD1AG020 - 07 Var Var Work Order 3	B: 121 Huser Factory\CAD\B.Davi\1374624.sht.plt	DRAWN - DLB	REVISED -			SCALE:	SHEET 16 OF 23 SHEETS	STA.	TO STA.	CONTRACT NO. 74624		
Default	PL01 SCALE - 48.0000' / 1" =	CHECKED - JMB	REVISED -			ILLINOIS FED. AID PROJECT						
	PL01 DATE - 9/26/2014	DATE - 8/13/14	REVISED -									



**LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
- ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
- ⑬ PRISMATIC CURB REFLECTORS (AMBER)
- ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
- ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
- ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

FILE NAME - IN1001600B - B7 Var Var\Work Order 3	USER NAME - cseifert	DESIGNED - CAS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 121/IL 48)</b>		F.A.P. RTE. 320	SECTION 1126XRS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 79
	BL 121 Bear Facing\CAD00_Civ\1ND\74624\shl\p	DRAWN - DLB	REVISED -				SCALE:	SHEET 17 OF 23 SHEETS	STA.	TO STA.	CONTRACT NO. 74624
Default	PLOT SCALE: 48.0000 1/4" = 1'	CHECKED - JMB	REVISED -								
	PLOT DATE: 9/26/2014	DATE - 8/13/14	REVISED -								

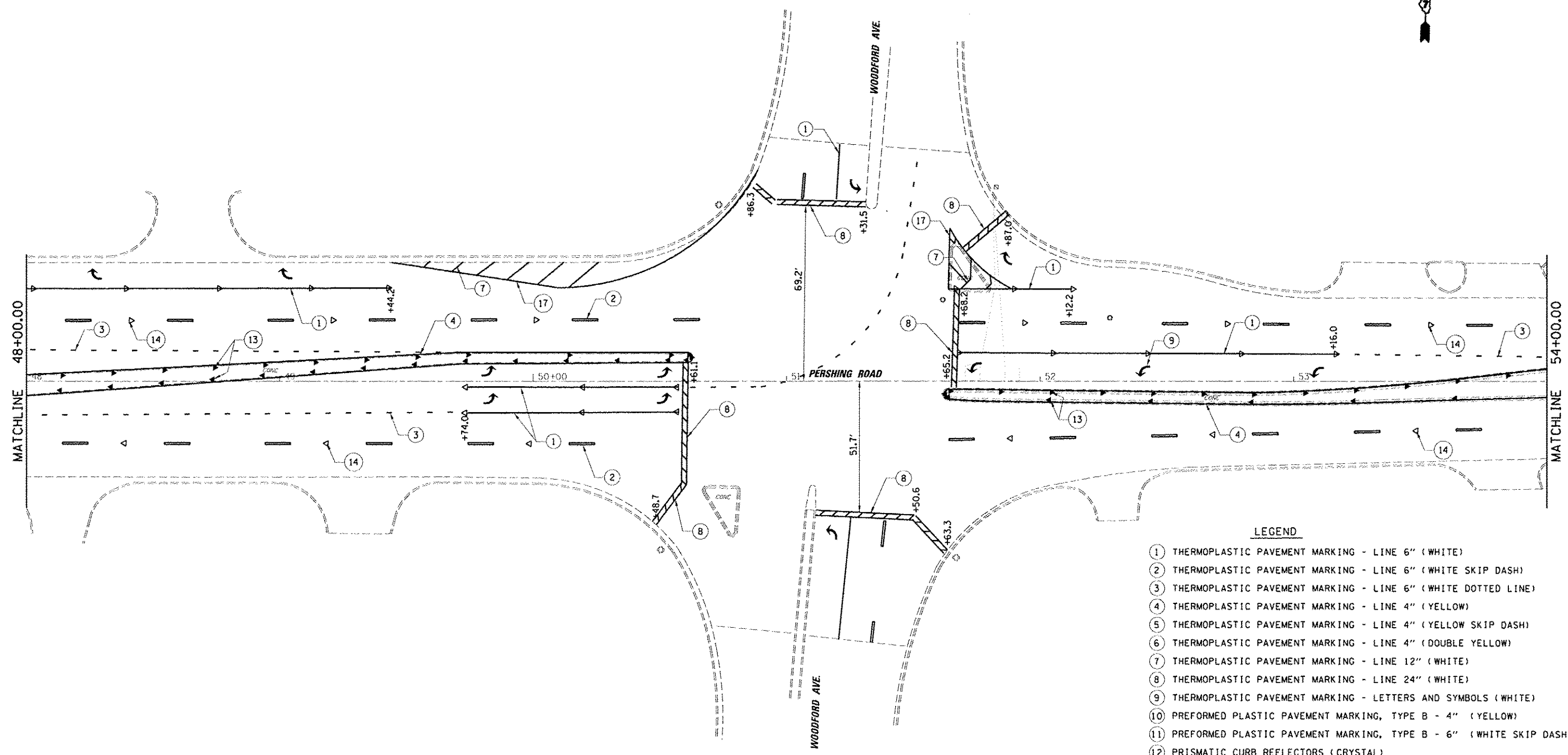


**LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
- ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
- ⑬ PRISMATIC CURB REFLECTORS (AMBER)
- ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
- ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
- ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

FILE NAME : J:\1001\8028 - D7 Var Work Order 3	USER NAME : casofert	DESIGNED : CAS	REVISED :	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 121/IL 48)</b>	F.A.P. RTE. : 320	SECTION : (126)RS-2, 135RS-1	COUNTY : MACON	TOTAL SHEETS : 119	SHEET NO. : 80
	PLG1 SCALE : 48.0000 1/8" = 1'	CHECKED : JMB	REVISOR :			SCALE : SHEET 18 OF 23 SHEETS STA. TO STA.	CONTRACT NO. 74624			
Default	PLG1 DATE : 9/26/2014	DATE : 8/13/14	REVISOR :	ILLINOIS FED. AID PROJECT						





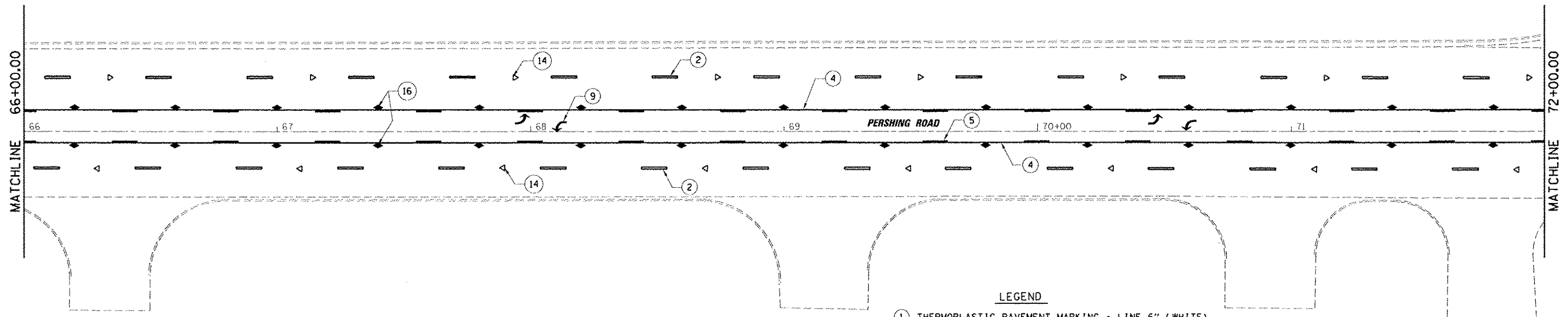
**LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
- ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
- ⑬ PRISMATIC CURB REFLECTORS (AMBER)
- ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
- ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
- ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

FILE NAME: J:\USDT\6888 - 07 Ver Work\Work Order 3 USER NAME: casfort R: 121 Resurfacing\CADD\Drawings\74624-sh1.plt PLOT SCALE: 48.0000 / 1"=100' PLOT DATE: 9/26/2014	DESIGNED: CAS DRAWN: DLB CHECKED: JMB DATE: 8/13/14	REVISED: - REVISED: - REVISED: - REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 121/IL 48)</b>		F.A.P. RTE.: 320 SECTION: (126)RS-2, 135RS-1 COUNTY: MACON TOTAL SHEETS: 119 SHEET NO.: 81 CONTRACT NO. 74624 (ILLINOIS FED. AID PROJECT)
	SCALE: SHEET 19 OF 23 SHEETS STA. TO STA.					



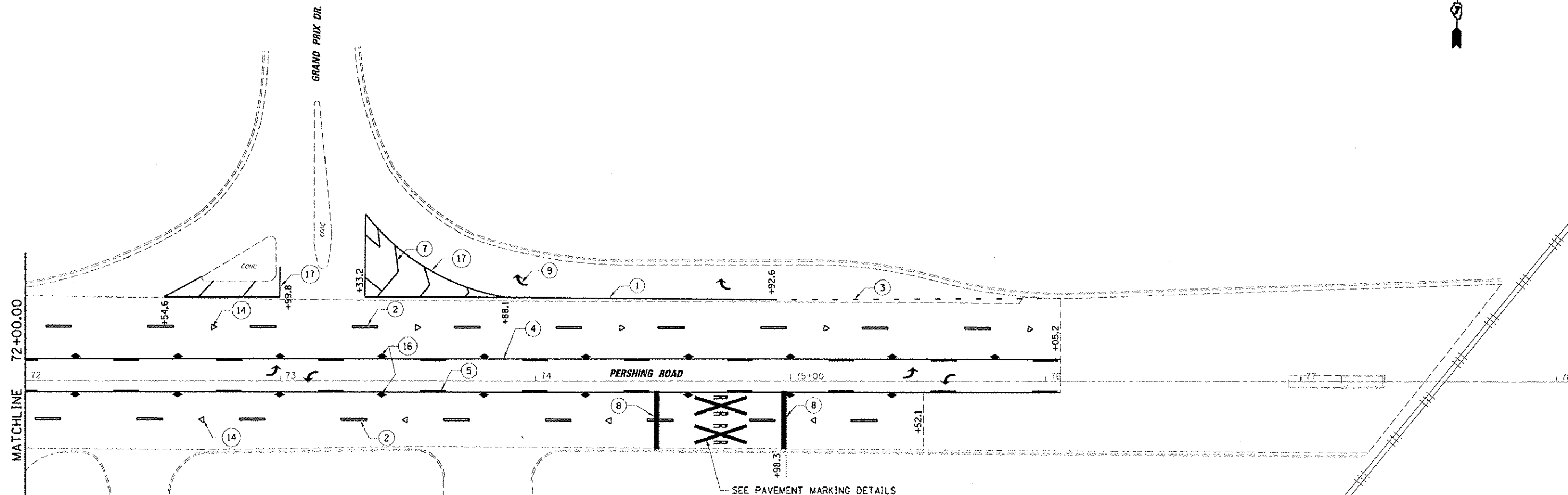




**LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
- ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
- ⑬ PRISMATIC CURB REFLECTORS (AMBER)
- ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
- ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
- ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

FILE NAME : USER NAME : USER : PLOT SCALE : PLOT DATE :	DESIGNED - CAS DRAWN - DLB CHECKED - JMB DATE - 8/13/14	REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 121/IL 48)</b>		F.A.P. RTE. 320 SECTION 026XRS-2, 135RS-1 COUNTY MACON CONTRACT NO. 74624	TOTAL SHEETS 119 SHEET NO. 84
				SCALE:	SHEET 22 OF 23 SHEETS		



- LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
  - ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
  - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
  - ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
  - ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH)
  - ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
  - ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
  - ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
  - ⑨ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
  - ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 4" (YELLOW)
  - ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - 6" (WHITE SKIP DASH)
  - ⑫ PRISMATIC CURB REFLECTORS (CRYSTAL)
  - ⑬ PRISMATIC CURB REFLECTORS (AMBER)
  - ⑭ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)
  - ⑮ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
  - ⑯ RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER)
  - ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

FILE NAME: J:\1001\6020 - 07 Ver Var\Work Order 3	USER NAME: jmb	DESIGNED: CAS	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN FAP 320 (IL 121/IL 48)</b>	F.A.P. RTE. 320	SECTION (126)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 85		
PLT SCALE: 48,0000 1/2 in.	CHECKED: JMB	DATE: 8/13/14	REVISED: -			SCALE: SHEET 23 OF 23 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 74624				
PLT DATE: 9/26/2014	DATE: 8/13/14	REVISED: -	REVISED: -									

## TRAFFIC SIGNAL GENERAL NOTES

THIS TRAFFIC SIGNAL PORTION OF THIS PROJECT CONSISTS OF TRAFFIC SIGNAL IMPROVEMENTS AT THE FOLLOWING INTERSECTIONS WITH IL 121/IL 48 (PERSHING ROAD):

UNIVERSITY AVENUE  
 OAKLAND AVENUE  
 PERSHING COURT  
 MONROE STREET/MACARTHUR ROAD  
 MAIN STREET (RTE 51 SOUTH)  
 WATER STREET (RTE 51 NORTH)  
 MARTIN LUTHER KING JR. DRIVE  
 BRETT AVENUE  
 VICKI DRIVE  
 JASPER STREET  
 CHARLES STREET  
 WOODFORD AVENUE

THE WORK INCLUDED IN THIS SECTION CONSISTS OF INSTALLING TRAFFIC SIGNALS, PEDESTRIAN PUSH BUTTONS AND POSTS AND DETECTOR LOOPS AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

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.

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.

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 THE CONTROLLER TO THE SIGNAL. SPLICES IN HANDHOLES WILL NOT BE ALLOWED.

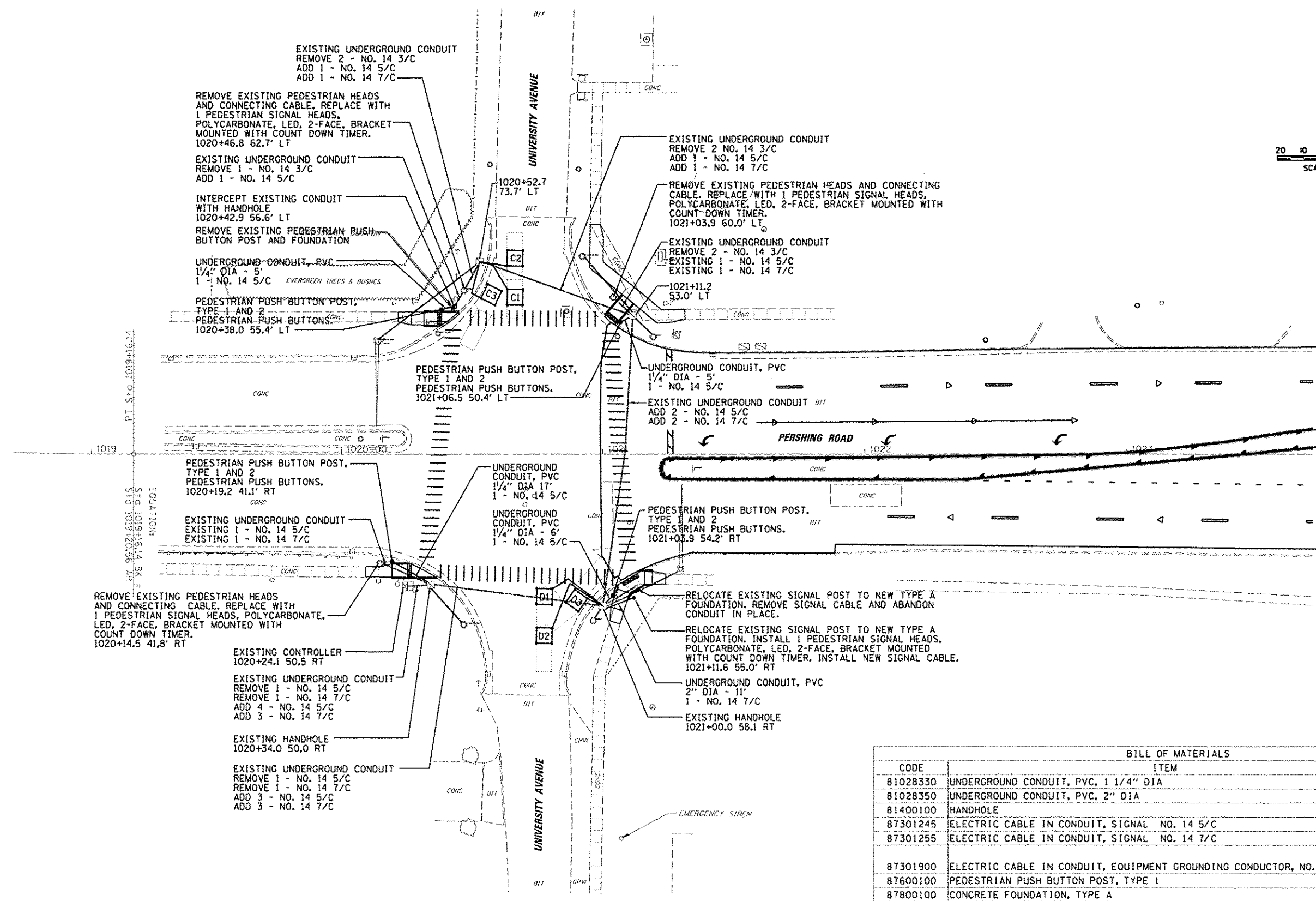
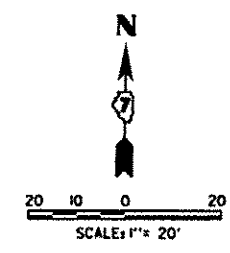
TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED SIGNAL HEAD PAY ITEMS.

## NUMBER OF TURNS REQUIRED

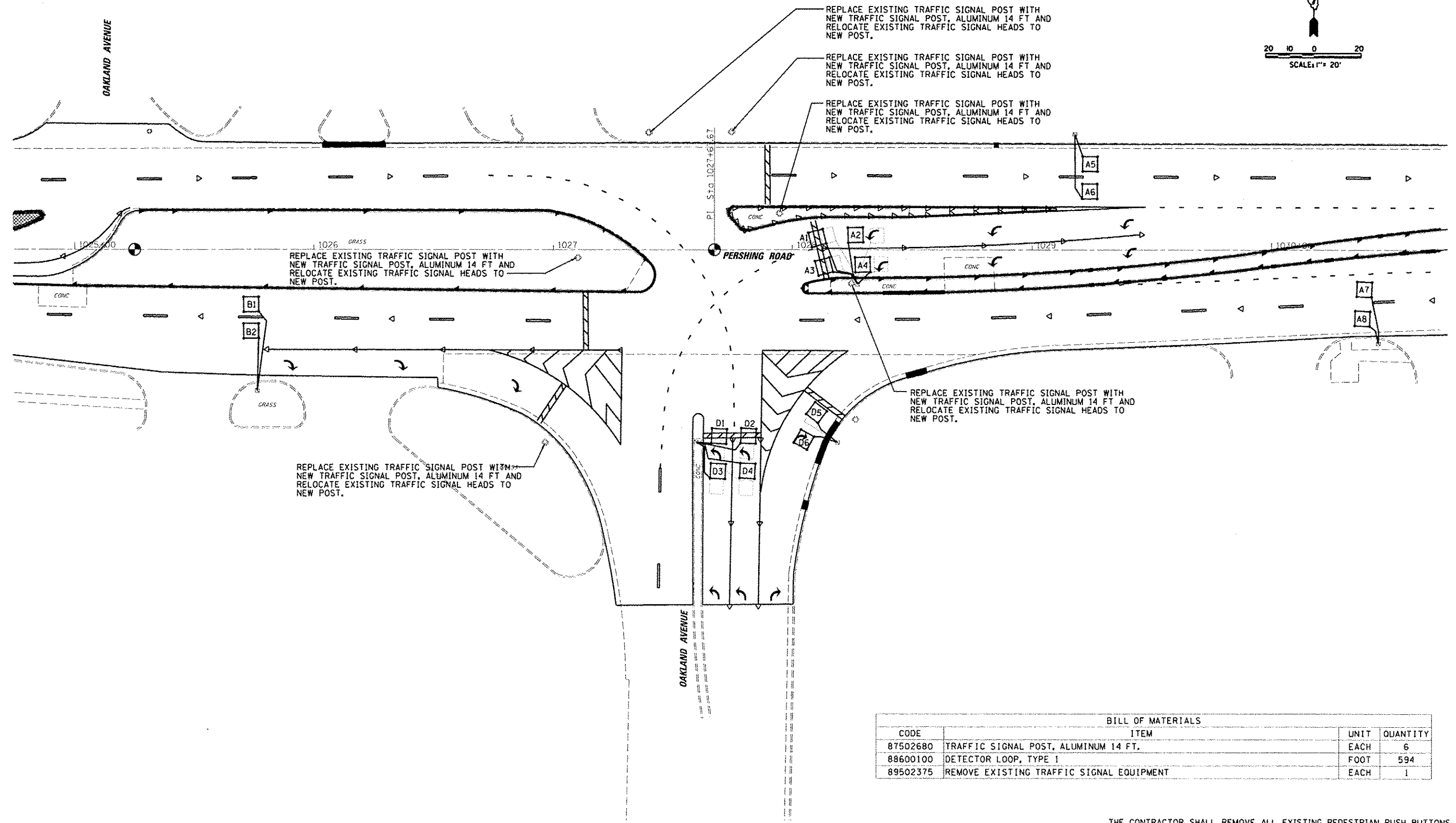
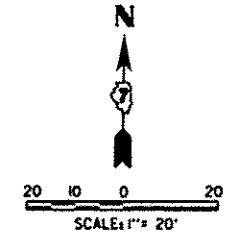
### IN DETECTOR LOOPS

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

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



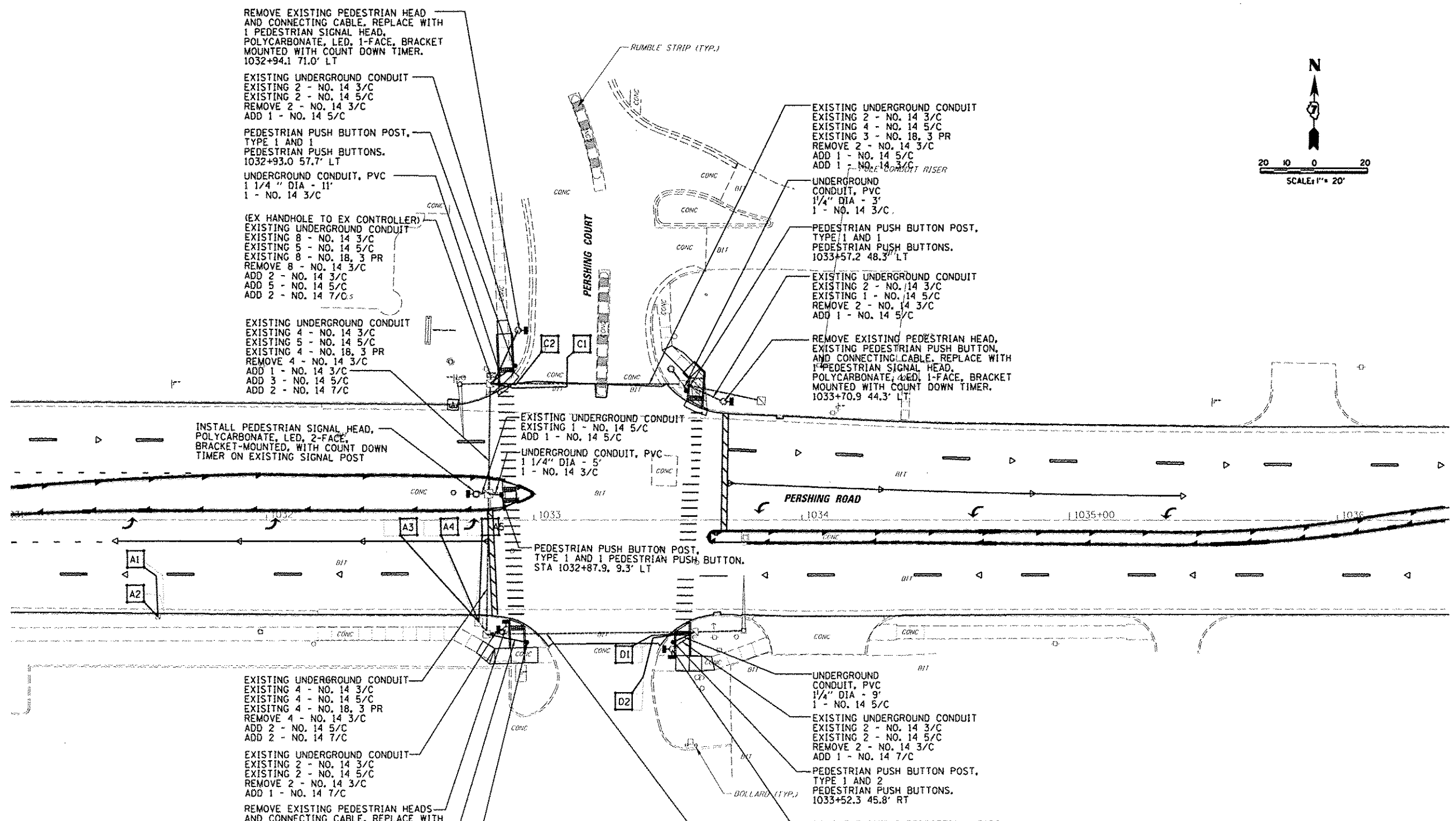
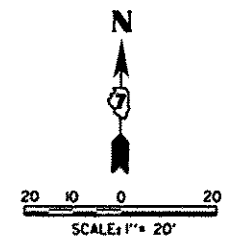
BILL OF MATERIALS			
CODE	ITEM	UNIT	QUANTITY
81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA	FOOT	34
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	11
81400100	HANDHOLE	EACH	1
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5/C	FOOT	739
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7/C	FOOT	422
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	167
87600100	PEDESTRIAN PUSH BUTTON POST, TYPE 1	EACH	4
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
87900200	DRILL EXISTING HANDHOLE	EACH	4
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4
88600100	DETECTOR LOOP, TYPE 1	FOOT	252
88800100	PEDESTRIAN PUSH BUTTON	EACH	8
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1



BILL OF MATERIALS			
CODE	ITEM	UNIT	QUANTITY
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	6
88600100	DETECTOR LOOP, TYPE 1	FOOT	594
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1

THE CONTRACTOR SHALL REMOVE ALL EXISTING PEDESTRIAN PUSH BUTTONS, AND PEDESTRIAN SIGNAL HEADS. THIS SHALL WORK SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.





THE CONTRACTOR SHALL REMOVE ALL EXISTING PEDESTRIAN PUSH BUTTONS, THIS SHALL WORK SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

BILL OF MATERIALS			
CODE	ITEM	UNIT	QUANTITY
81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA	FOOT	43
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3/C	FOOT	209
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5/C	FOOT	651
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7/C	FOOT	390
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	133
87600100	PEDESTRIAN PUSH BUTTON POST, TYPE 1	EACH	5
87900200	DRILL EXISTING HANDHOLE	EACH	3
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	3
88600100	DETECTOR LOOP, TYPE 1	FOOT	572
88800100	PEDESTRIAN PUSH BUTTON	EACH	7
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1

FILE NAME: J:\1001\8088 - 07 Var Var\Work Order 3  
 USER NAME: esolmar  
 IL 121 Resur Facing\CA000\_S1et\101774624-shs-1  
 PLOT SCALE: 40.0000 1/16"  
 PLOT DATE: 8/28/2014

DESIGNED - TES  
 DRAWN - RLK  
 CHECKED - CAS  
 DATE - 8/13/14

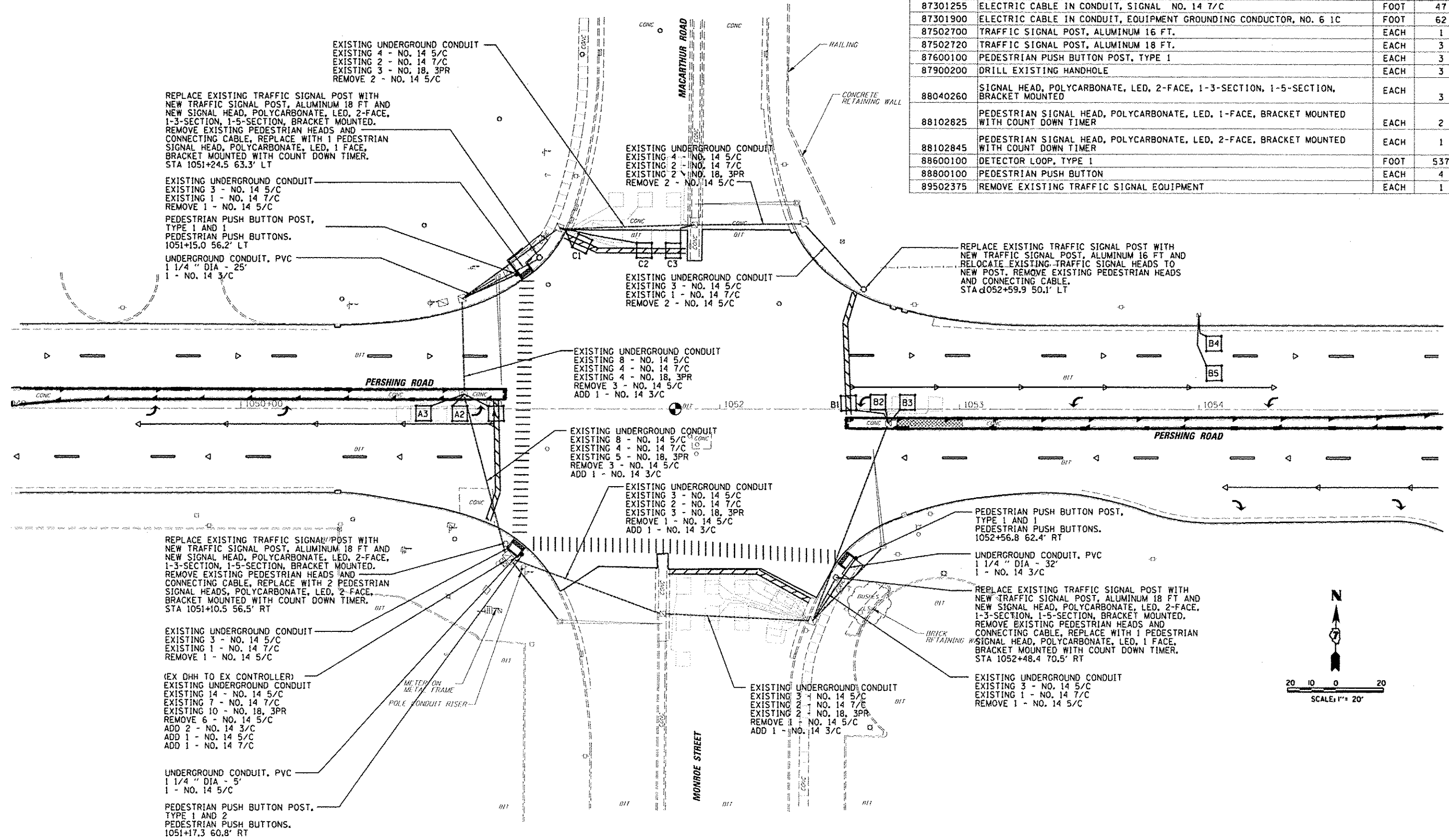
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

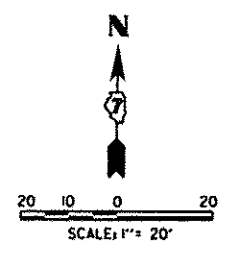
TRAFFIC SIGNAL PLAN  
 IL RTE 121/48 & PERSHING COURT  
 SCALE: SHEET 3 OF 12 SHEETS STA. TO STA.

F.A.P. RTE. 320  
 SECTION (126)RS-2, 135RS-1  
 COUNTY MACON  
 TOTAL SHEETS 119  
 SHEET NO. 89  
 CONTRACT NO. 74624  
 ILLINOIS FED. AID PROJECT

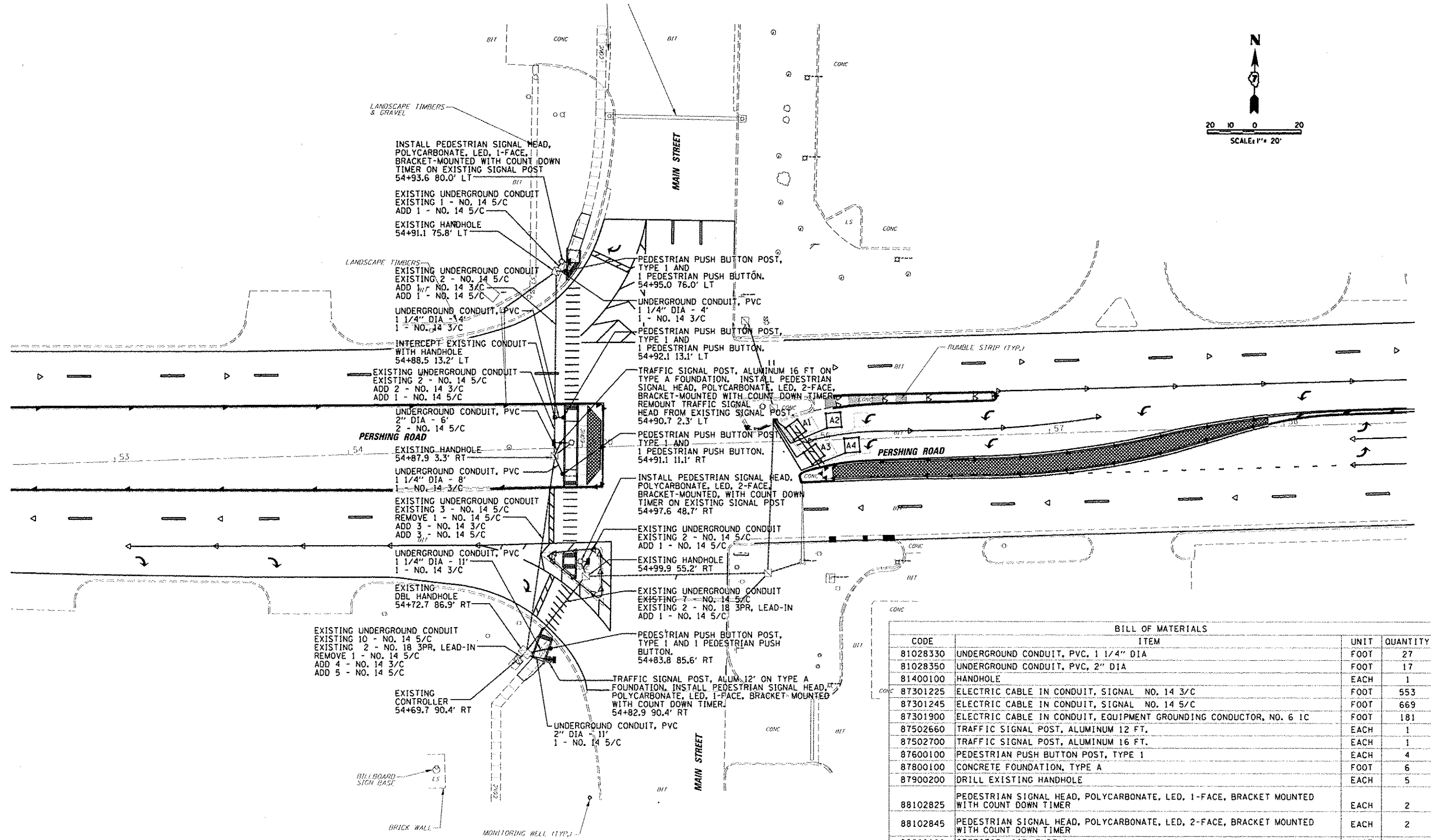
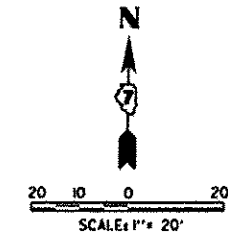
BILL OF MATERIALS			
CODE	ITEM	UNIT	QUANTITY
81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA	FOOT	62
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3/C	FOOT	308
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5/C	FOOT	36
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7/C	FOOT	47
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	62
87502700	TRAFFIC SIGNAL POST, ALUMINUM 18 FT.	EACH	1
87502720	TRAFFIC SIGNAL POST, ALUMINUM 18 FT.	EACH	3
87600100	PEDESTRIAN PUSH BUTTON POST, TYPE 1	EACH	3
87900200	DRILL EXISTING HANDHOLE	EACH	3
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	3
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	1
88600100	DETECTOR LOOP, TYPE 1	FOOT	537
88800100	PEDESTRIAN PUSH BUTTON	EACH	4
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1



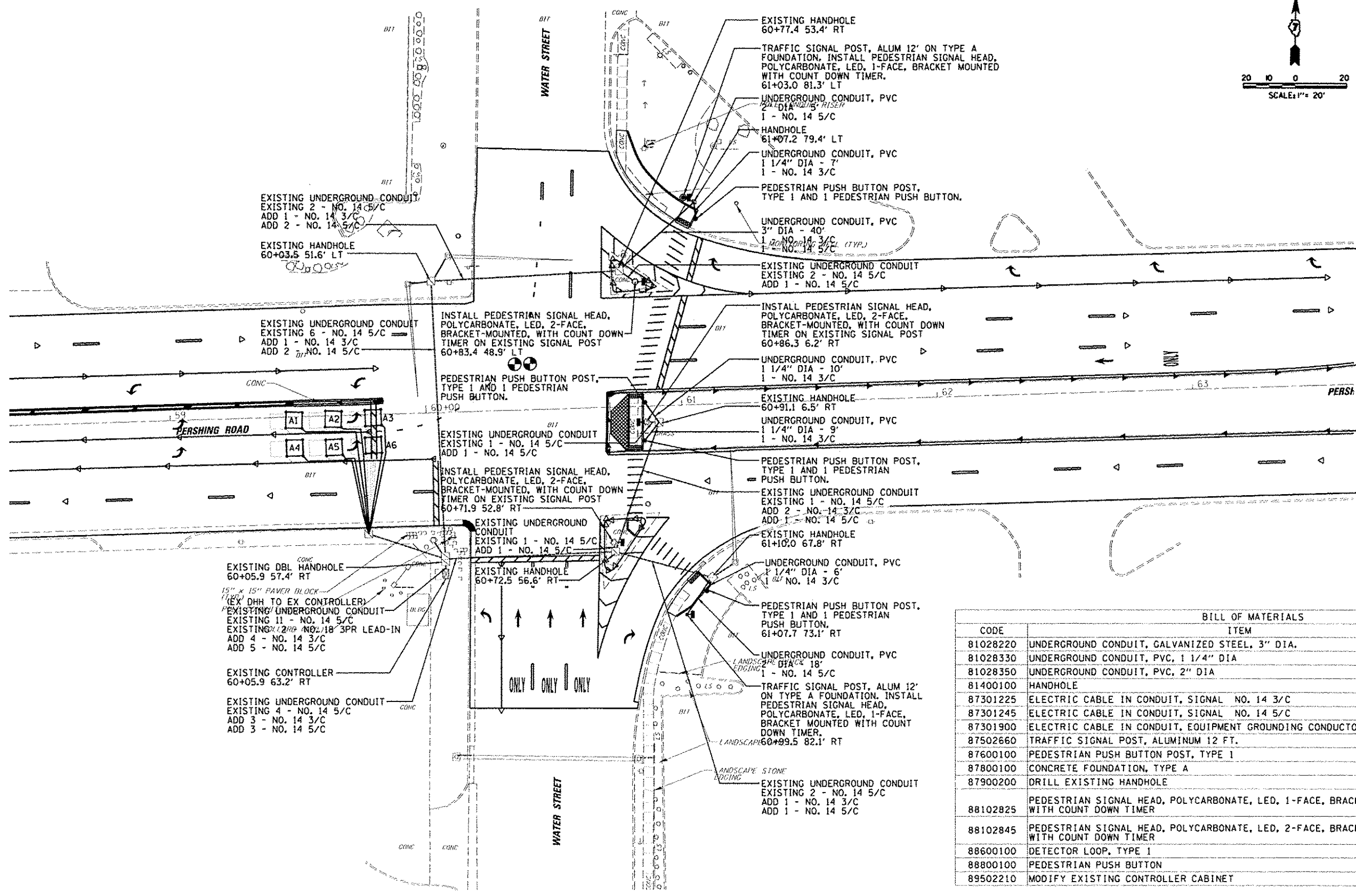
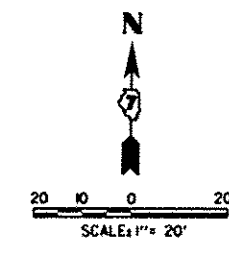
THE CONTRACTOR SHALL REMOVE ALL EXISTING PEDESTRIAN PUSH BUTTONS. THIS SHALL WORK SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.



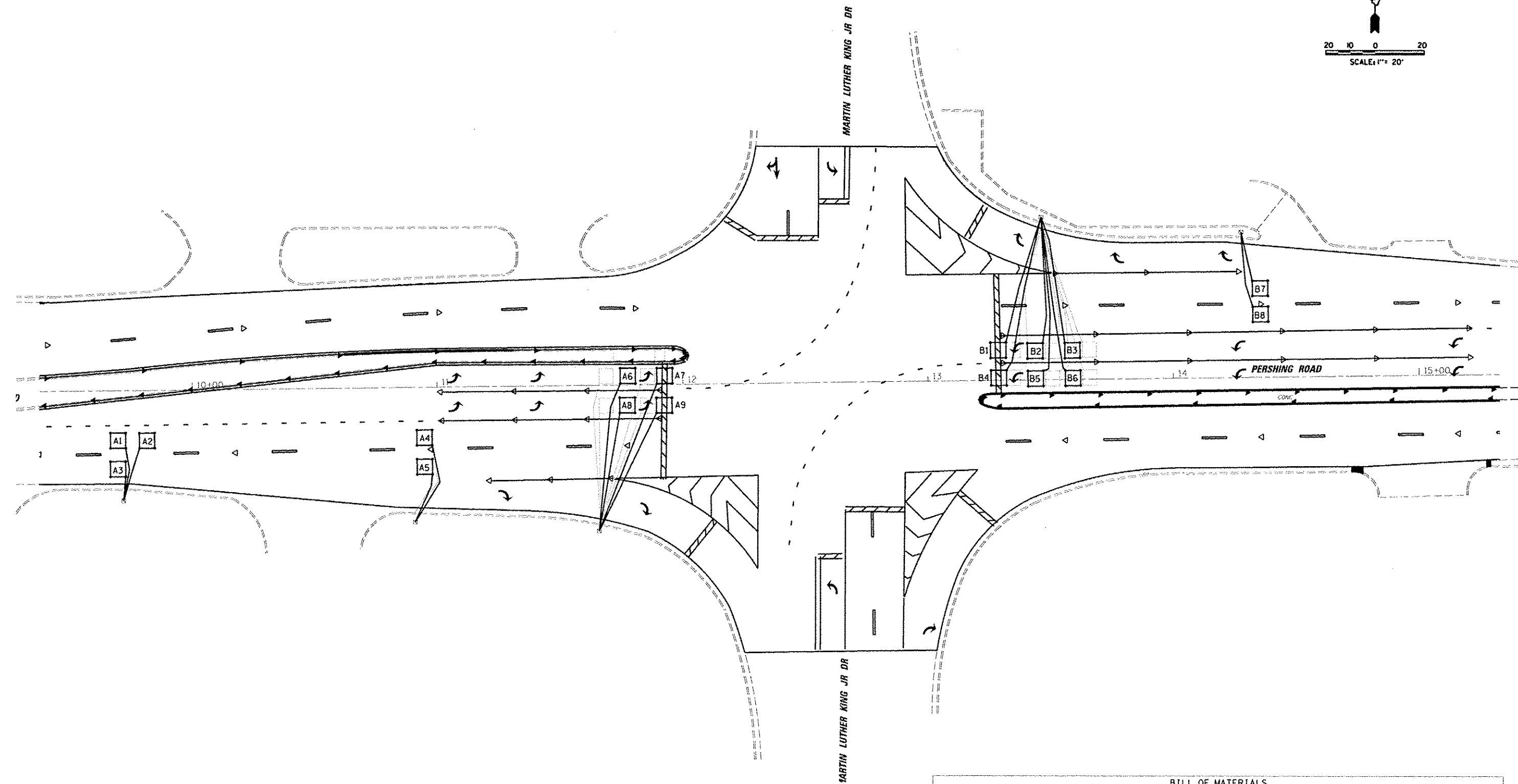
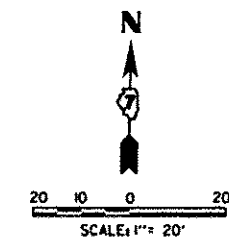
FILE NAME: 141001160888 - 07 Var Var Work Order 3	USER NAME: cstanford	DESIGNED: TES	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL PLAN		F.A.P. RTE. 320	SECTION (126)RS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 90	
PL01 SCALE: 1/8"=10'	PL01 DATE: 8/28/2014	DRAWN: RLK	REVISED: -		SCALE:	SHEET 4 OF 12 SHEETS	STA. TO STA.	CONTRACT NO. 74624				
		CHECKED: CAS	REVISED: -		ILLINOIS FED. AID PROJECT							
		DATE: 8/13/14	REVISED: -									



BILL OF MATERIALS			
CODE	ITEM	UNIT	QUANTITY
81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA	FOOT	27
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	17
81400100	HANDHOLE	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3/C	FOOT	553
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5/C	FOOT	669
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	181
87502660	TRAFFIC SIGNAL POST, ALUMINUM 12 FT.	EACH	1
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	1
87600100	PEDESTRIAN PUSH BUTTON POST, TYPE 1	EACH	4
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6
87900200	DRILL EXISTING HANDHOLE	EACH	5
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
88600100	DETECTOR LOOP, TYPE 1	FOOT	221
88800100	PEDESTRIAN PUSH BUTTON	EACH	4
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1

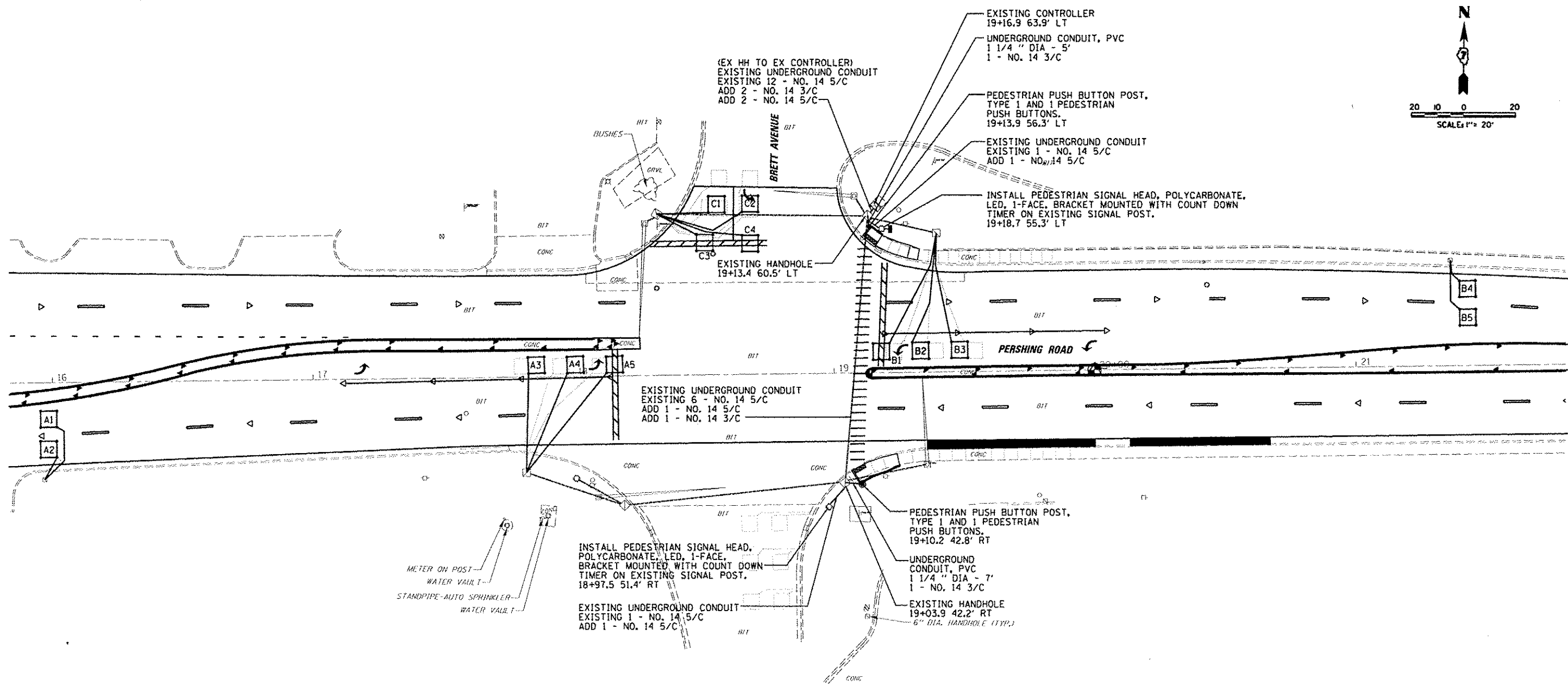


BILL OF MATERIALS			
CODE	ITEM	UNIT	QUANTITY
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	40
81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA	FOOT	32
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	23
81400100	HANDHOLE	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3/C	FOOT	800
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5/C	FOOT	969
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	220
87502660	TRAFFIC SIGNAL POST, ALUMINUM 12 FT.	EACH	2
87600100	PEDESTRIAN PUSH BUTTON POST, TYPE 1	EACH	4
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6
87900200	DRILL EXISTING HANDHOLE	EACH	4
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	3
88600100	DETECTOR LOOP, TYPE 1	FOOT	420
88800100	PEDESTRIAN PUSH BUTTON	EACH	4
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1



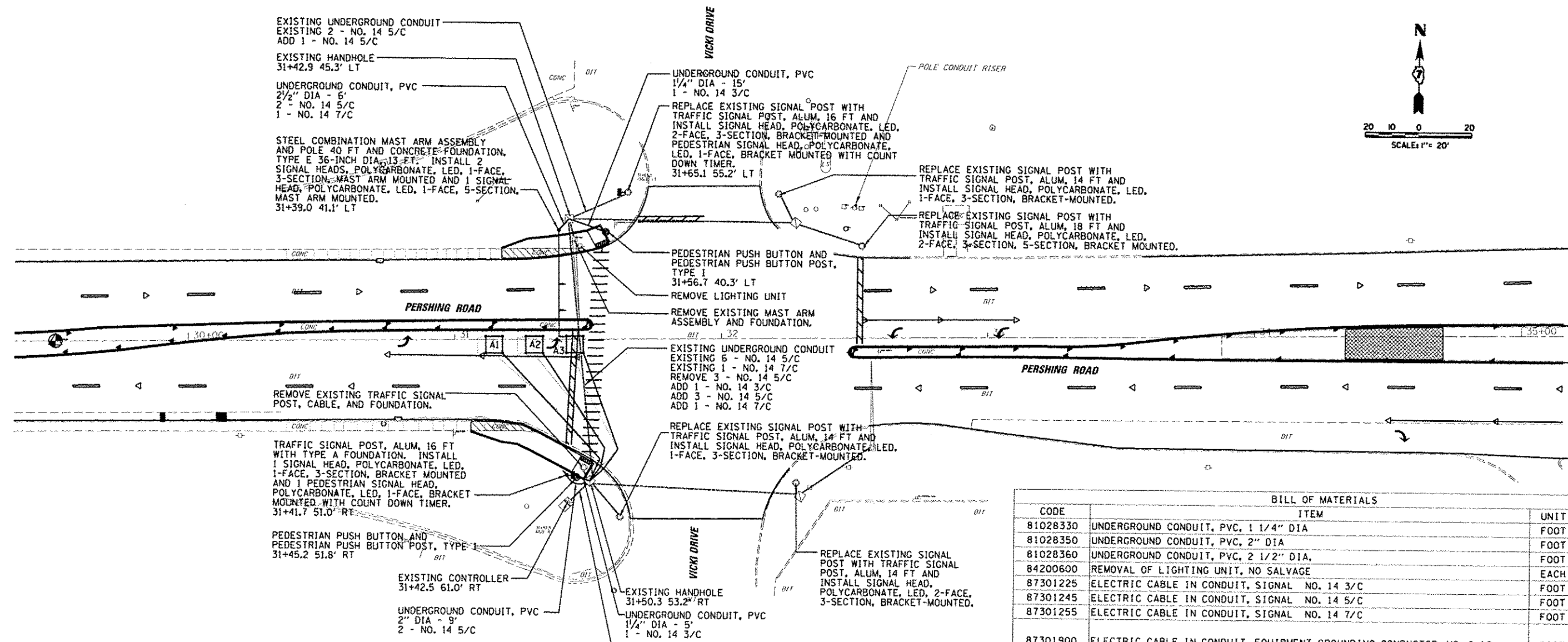
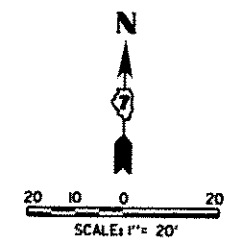
BILL OF MATERIALS			
CODE	ITEM	UNIT	QUANTITY
88600100	DETECTOR LOOP, TYPE 1	FOOT	1161

FILE NAME: I:\12148\12148000 - 07 Var Var\Work Order 3	USER NAME: csonfer	DESIGNED: TES	REVISED:	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL PLAN IL. RTE 121/48 &amp; MARTIN LUTHER KING DR.</b>	F.A.P. RTE. 320	SECTION 026XRS-2, 135RS-1	COUNTY MACON	TOTAL SHEETS 119	SHEET NO. 93		
	PLT 121 Resur Casing\CAD00_Gen\12174624-shs.t	DRAWN: RLK	REVISED:			SCALE: SHEET 7 OF 12 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				
	PLT1 SCALE: 48.0000 1/2" = 1'	CHECKED: CAS	REVISED:									
	PLT DATE: 07/28/2014	DATE: 8/13/14	REVISED:									

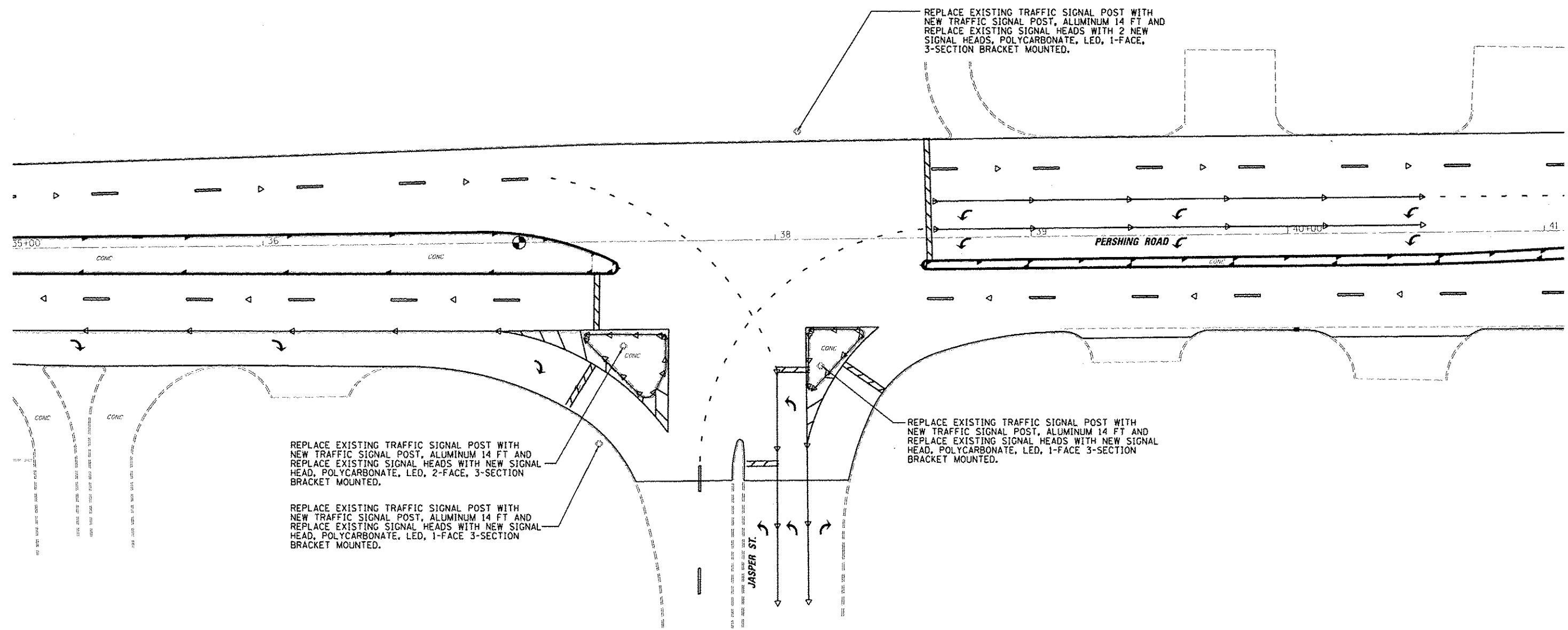
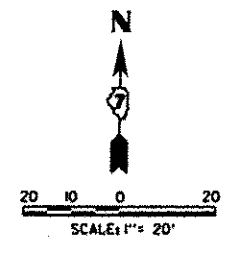


BILL OF MATERIALS			
CODE	ITEM	UNIT	QUANTITY
81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA	FOOT	12
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3/C	FOOT	174
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5/C	FOOT	202
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	46
87600100	PEDESTRIAN PUSH BUTTON POST, TYPE 1	EACH	2
87900200	DRILL EXISTING HANDHOLE	EACH	2
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
88600100	DETECTOR LOOP, TYPE 1	FOOT	769
88800100	PEDESTRIAN PUSH BUTTON	EACH	2





BILL OF MATERIALS			
CODE	ITEM	UNIT	QUANTITY
81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA	FOOT	20
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	9
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA,	FOOT	6
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3/C	FOOT	185
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5/C	FOOT	681
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7/C	FOOT	202
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	125
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	3
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	2
87502720	TRAFFIC SIGNAL POST, ALUMINUM 18 FT.	EACH	1
87600100	PEDESTRIAN PUSH BUTTON POST, TYPE 1	EACH	2
87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
87900200	DRILL EXISTING HANDHOLE	EACH	4
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	1
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	3
88600100	DETECTOR LOOP, TYPE 1	FOOT	249
88800100	PEDESTRIAN PUSH BUTTON	EACH	2
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2



REPLACE EXISTING TRAFFIC SIGNAL POST WITH NEW TRAFFIC SIGNAL POST, ALUMINUM 14 FT AND REPLACE EXISTING SIGNAL HEADS WITH 2 NEW SIGNAL HEADS, POLYCARBONATE, LED, 1-FACE, 3-SECTION BRACKET MOUNTED.

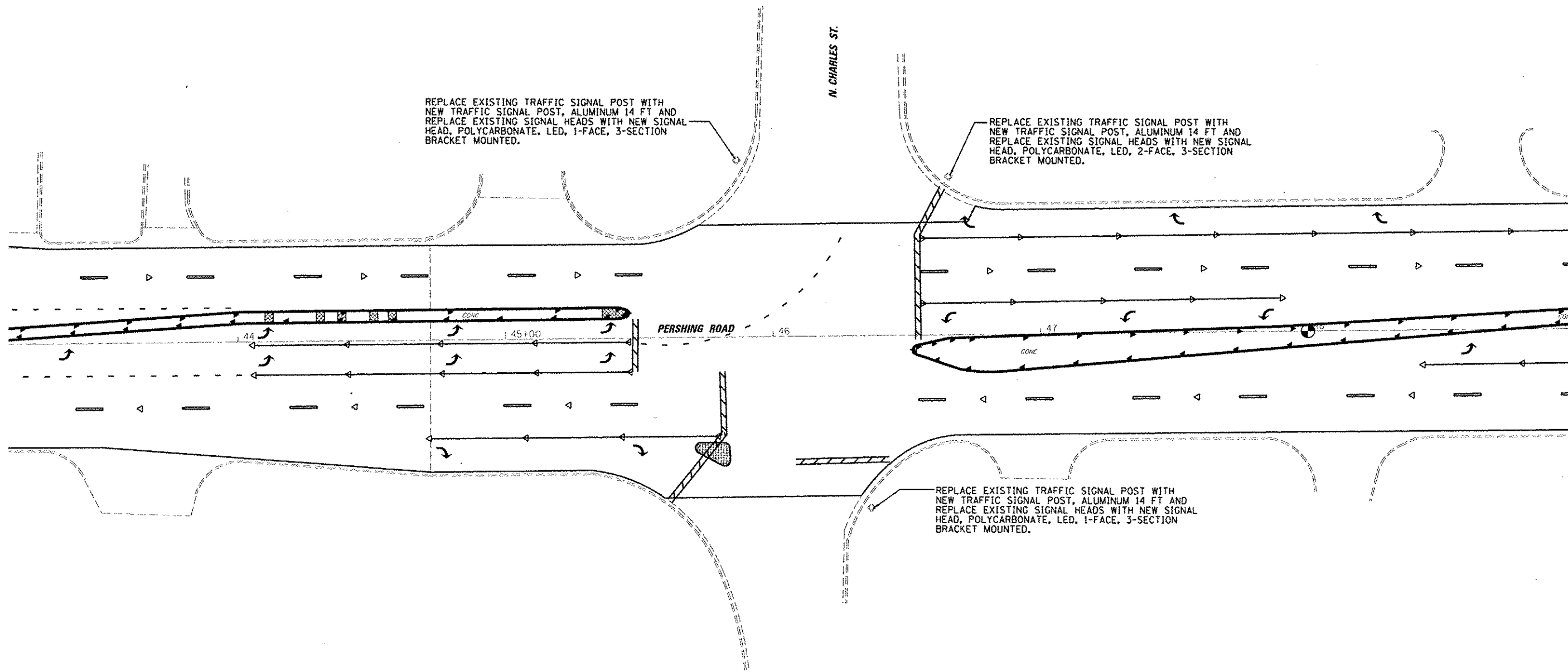
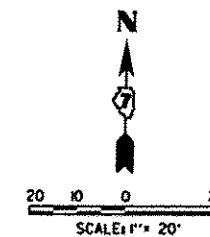
REPLACE EXISTING TRAFFIC SIGNAL POST WITH NEW TRAFFIC SIGNAL POST, ALUMINUM 14 FT AND REPLACE EXISTING SIGNAL HEADS WITH NEW SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION BRACKET MOUNTED.

REPLACE EXISTING TRAFFIC SIGNAL POST WITH NEW TRAFFIC SIGNAL POST, ALUMINUM 14 FT AND REPLACE EXISTING SIGNAL HEADS WITH NEW SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE 3-SECTION BRACKET MOUNTED.

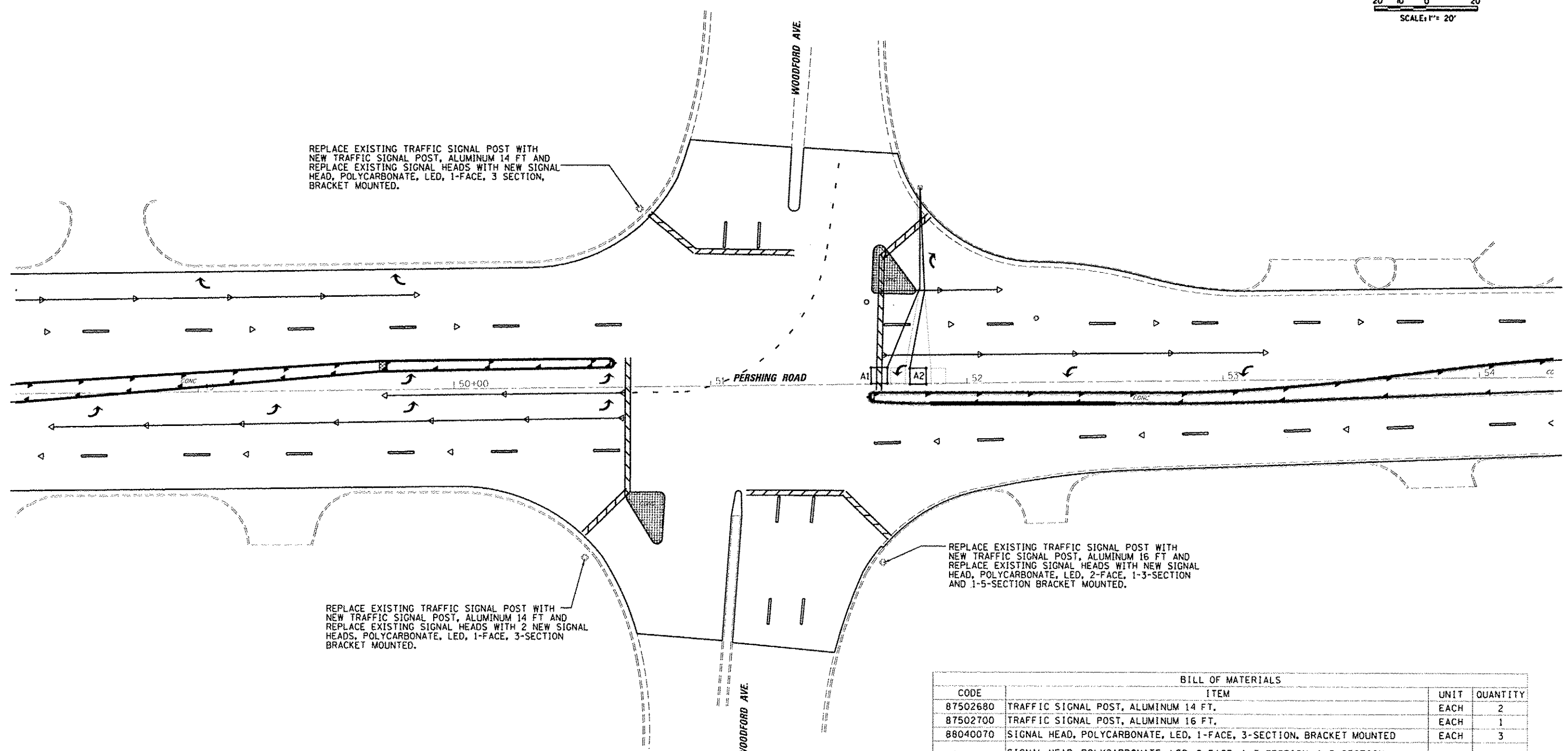
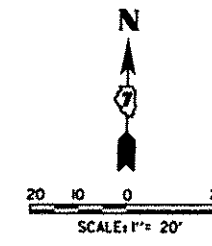
REPLACE EXISTING TRAFFIC SIGNAL POST WITH NEW TRAFFIC SIGNAL POST, ALUMINUM 14 FT AND REPLACE EXISTING SIGNAL HEADS WITH NEW SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE 3-SECTION BRACKET MOUNTED.

BILL OF MATERIALS			
CODE	ITEM	UNIT	QUANTITY
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	4
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1



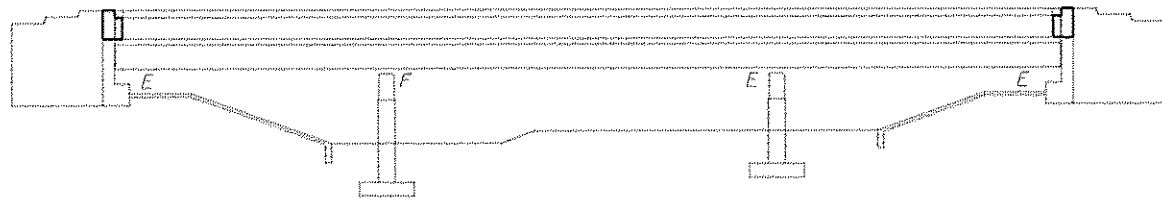


BILL OF MATERIALS			
CODE	ITEM	UNIT	QUANTITY
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	3
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1

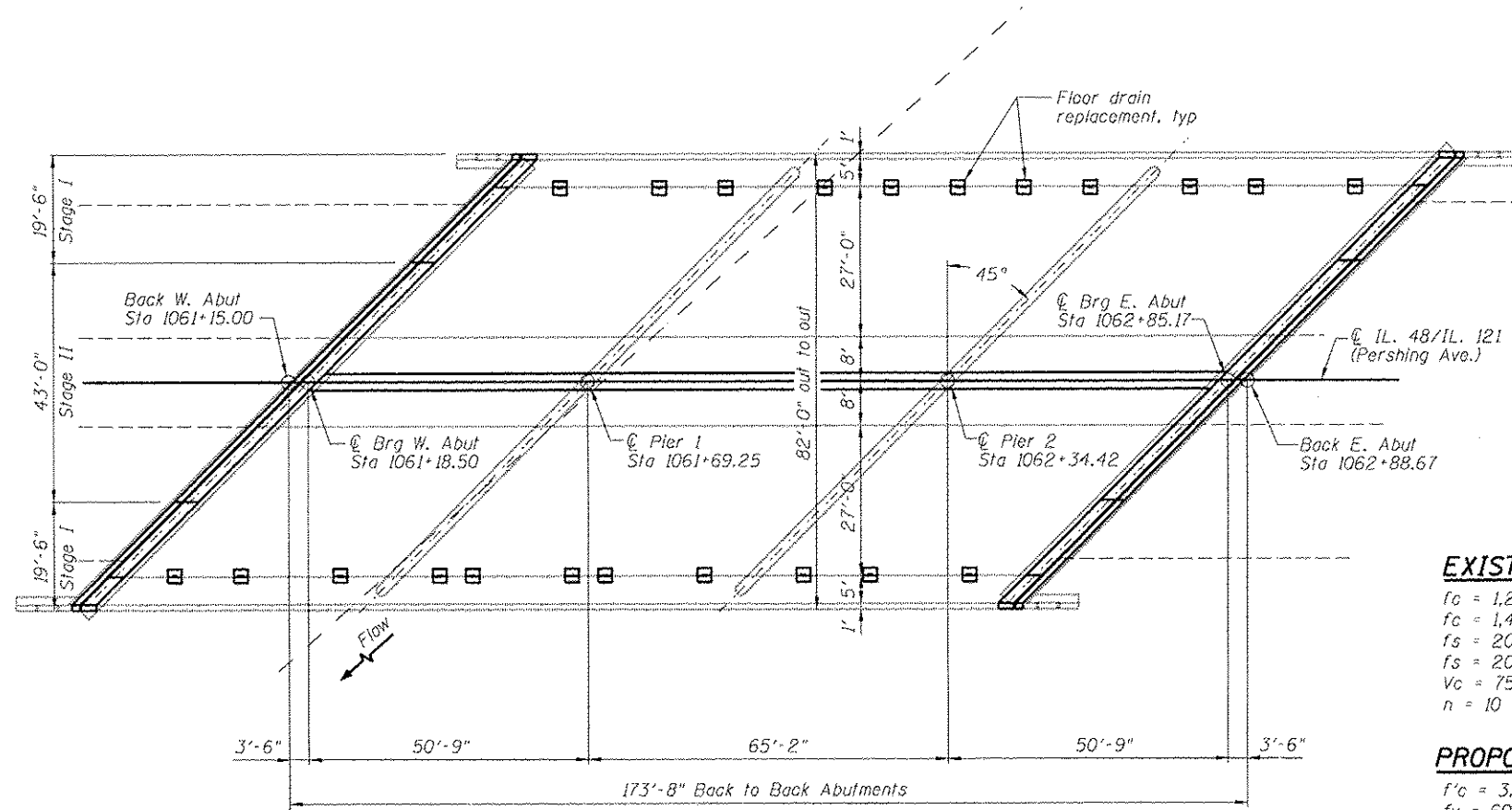


BILL OF MATERIALS			
CODE	ITEM	UNIT	QUANTITY
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	2
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	1
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	1
88600100	DETECTOR LOOP, TYPE 1	FOOT	194
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1

Existing Structure:  
 SN 058-0050 built in 1971, Section 135 BR-1. Structure consists of 3 spans with an 8" deck on W33x141 beams supported by stub abutments and solid wall piers on timber piles.  
 In 2005, the structure was rehabilitated. Repairs included deck drain removal, 2 1/4" microsilica overlay, deck patching and bearing replacement.



**ELEVATION**



**PLAN**

**INDEX OF SHEETS**

- 1 General Plan & Elevation
- 2 Construction Staging Details
- 3 Expansion Joint Replacement Details
- 4 Expansion Joint Replacement Details
- 5 Expansion Joint Replacement Details
- 6 Expansion Joint Replacement Details
- 7 Longitudinal Joint Replacement Details
- 8 Longitudinal Joint Replacement Details
- 9 Deck Drain And Rail Post Details
- 10 Preformed Joint Strip Seal
- 11 Structural Steel Repair Details
- 12 Bar Splicer Assembly and Mechanical Splicer Details
- 13 Temporary Concrete Barrier For Stage Construction

**GENERAL NOTES:**

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Fasteners shall be ASTM A325 Type I, mechanically galvanized bolts. Bolts 3/4" φ, holes 13/16" φ, unless otherwise noted.

All structural steel shall be AASHTO M 270 Grade 36.

Reinforcement bars designated (E) shall be epoxy coated.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

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

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

The Inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop painting of new structural steel except where otherwise noted. The color of the final finish coat for all interior steel surfaces shall be Interstate Green, Munsell No. 7.5G 4/8.

Cost of removal and re-installation of all members necessary to complete the work as detailed on the plans and as specified in the Special Provisions shall be included with Furnishing and Erecting Structural Steel.

Removal and reinstallation of the name plate attached to the structure will be necessary for construction of the expansion joints. This work and all materials shall be included in the contract unit price for Concrete Superstructure.

Removal and replacement of a portion of the sidewalk will be necessary to remove or replace the existing deck drains. This work and all materials shall be included in the contract unit price for Deck Slab Repair (Full Depth, Type II).

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	62.5
Concrete Superstructure	Cu. Yd.	62.5
Deck Slab Repair (Full Depth, Type II)	Cu. Yd.	15.4
Furnishing and Erecting Structural Steel	Pound	3220
Preformed Joint Strip Seal	Foot	235
Bar Splicers	Each	44
Floor Drains	Each	22
Reinforcement Bars, Epoxy Coated	Pound	12440
Structural Repair of Concrete (Depth < 5")	Sq. Ft.	150
Structural Repair of Concrete (Depth > 5")	Sq. Ft.	338
Structural Steel Removal	Pound	3220

**EXISTING DESIGN STRESSES**

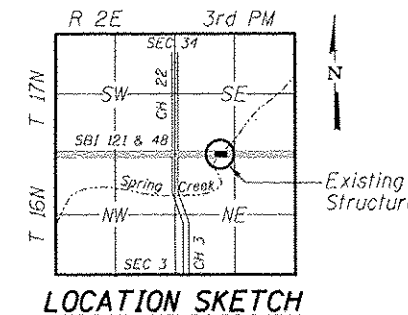
$f_c = 1,200$  psi (deck slab)  
 $f_c = 1,400$  psi (curb, parapet, slab)  
 $f_s = 20,000$  psi (reinf)  
 $f_s = 20,000$  psi (struct)  
 $v_c = 75$  psi (footings)  
 $n = 10$

**PROPOSED DESIGN STRESSES**

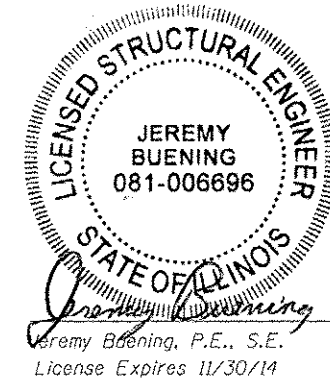
$f'_c = 3,500$  psi  
 $f_y = 60,000$  psi (reinforcement)  
 $f_y = 36,000$  psi (structural steel)

**SCOPE OF WORK**

1. Remove and replace abutment expansion joints with Preformed Joint Strip Seal.
2. Closure of longitudinal joint.
3. Remove and replace 8 steel end diaphragms.
4. Remove and replace all floor drains.
5. Median curb concrete repair.



**LOCATION SKETCH**



8/21/14  
 Date

Jeremy Buening, P.E., S.E.  
 License Expires 11/30/14

FILE NAME: I:\DDI\6888 - 07 - Vp - New York - Order 3 - IL - IL 121 - Reinforcing - Structural - 11/14/14.dwg

**CHASTAIN & ASSOCIATES LLC**  
 CONSULTING ENGINEERS  
 184-001397

USER NAME: jbuening  
 PLOT TIME: 10/24/12 AM  
 PLOT SCALE: 32.8000 1/1 in.  
 PLOT DATE: 8/21/2014

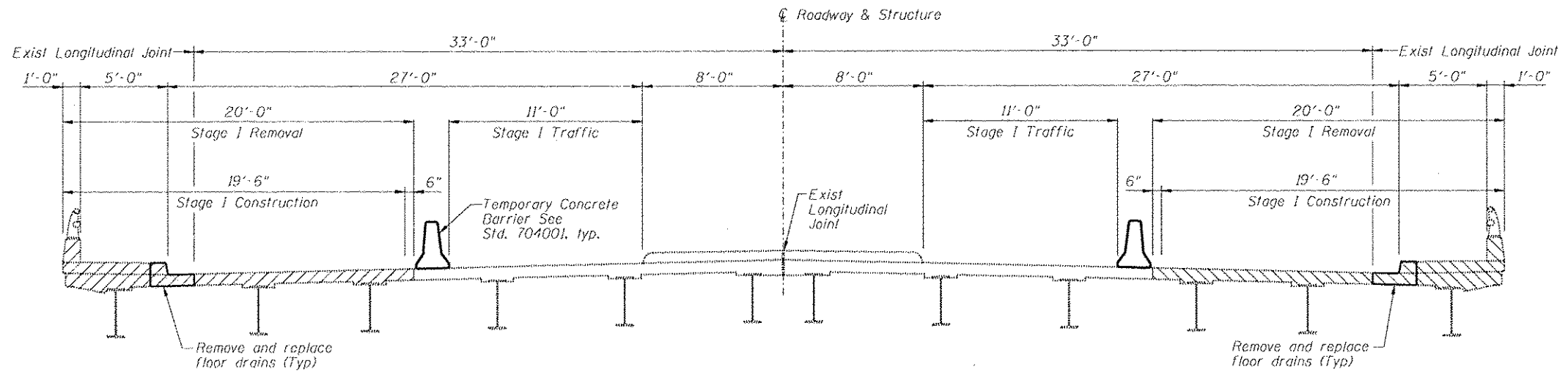
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REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

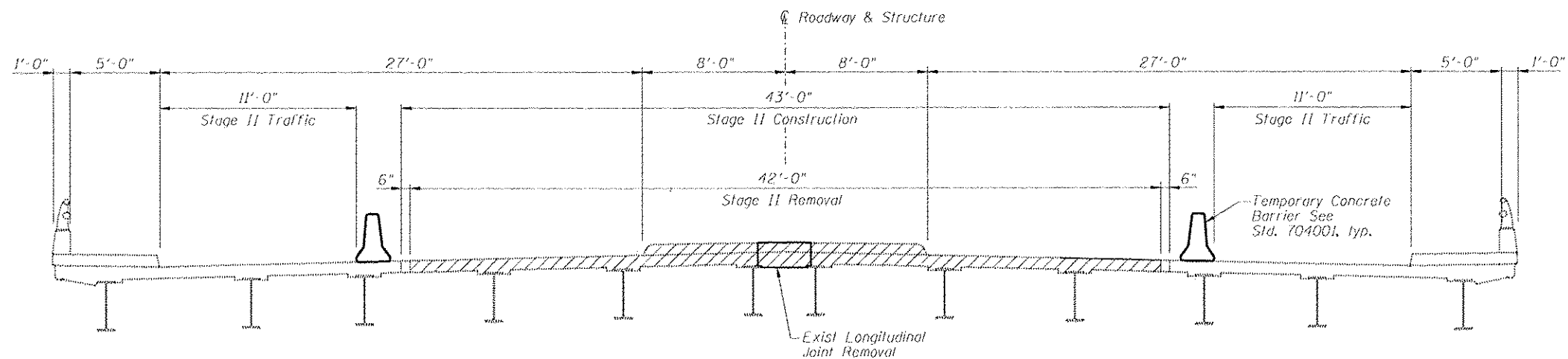
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION  
 STRUCTURE NO. 058-0050  
 SHEET NO. 1 OF 13 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(126X)RS-2,135RS-1	MACON	119	99
STA.	SN. 058-0050	CONTRACT NO. 74624	ILLINOIS FED. AID PROJECT	



**STAGE I LOOKING EAST**



**STAGE II LOOKING EAST**

FILE NAME : \\us01s16203 - d7\er\work\_order\_3 - 1121\map\Facings\0005\Structural\staging.dgn