

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	1
		ILLINOIS	CONTRACT NO. 74828	

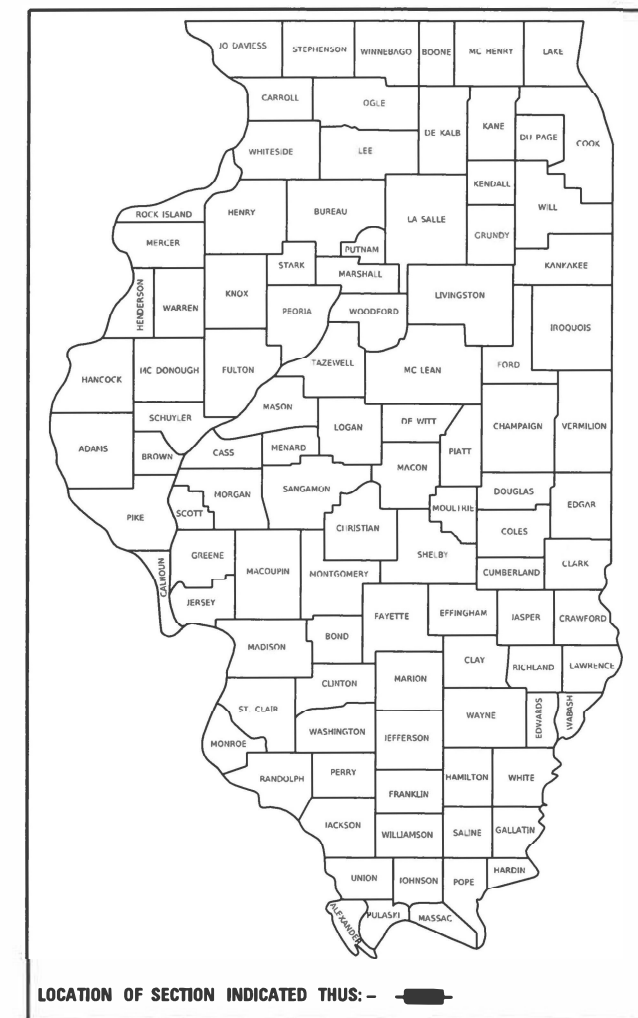
FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

**PROPOSED
HIGHWAY PLANS**

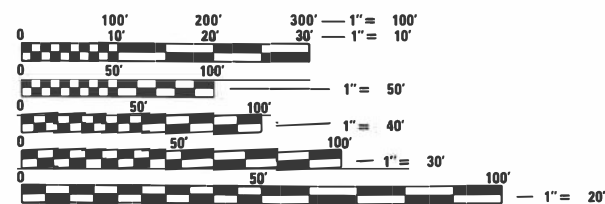
**F.A.P. ROUTE 322 (US 51)
SECTION 50(R-1,R-2)RS-2,N-1
PROJECT NHPP-HSIP-X3V5(856)
DESIGNED OVERLAY & ADA IMPROVEMENTS
MACON COUNTY**

C-97-022-18

D-97-015-18

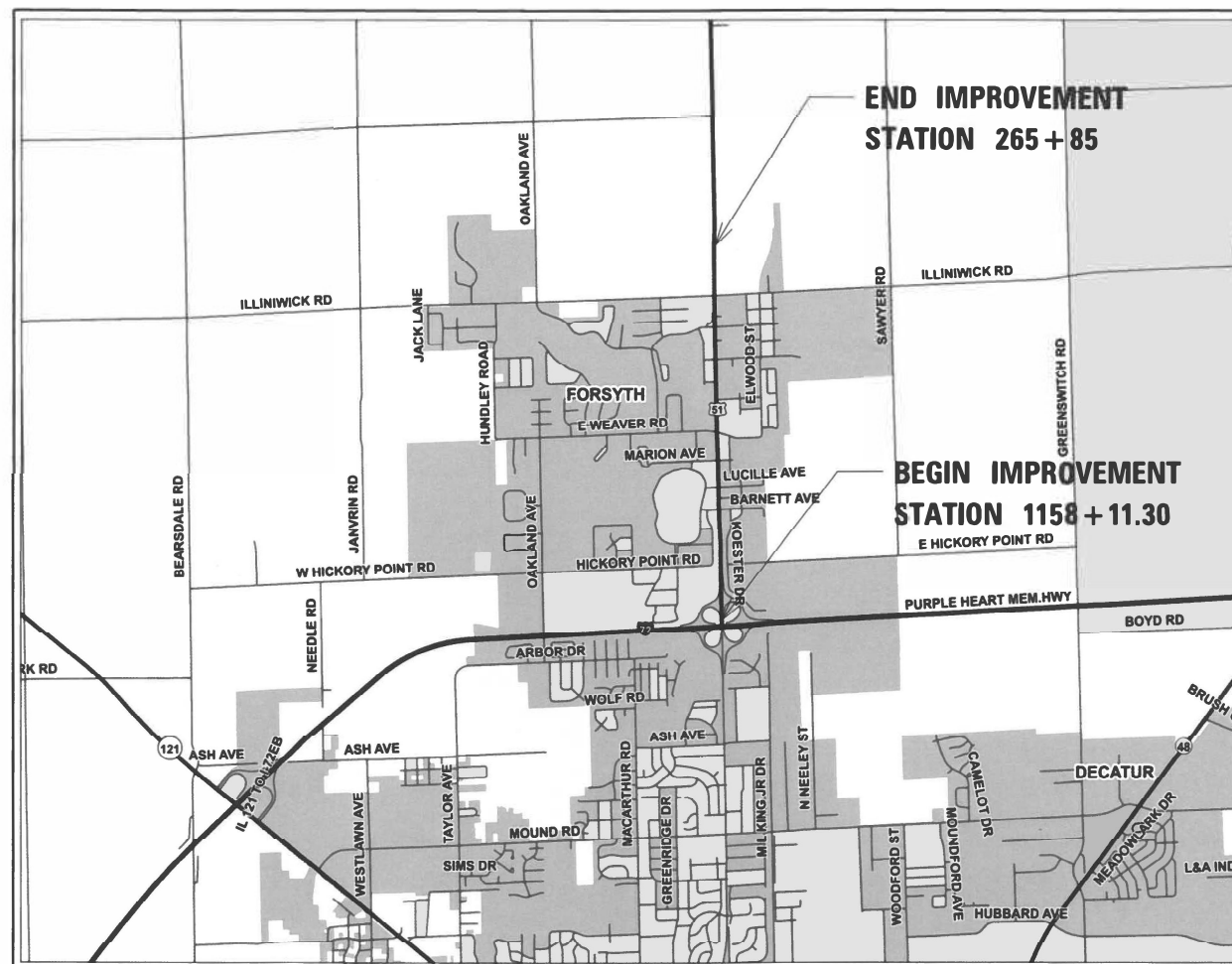


STATION EQUATION
1212 + 00.01 BK = 212 + 01.00 AH



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 EXCAVATORS
1-800-892-0123
OR 811



GROSS LENGTH = 10,188.02 FT. = 1.930 MILE
NET LENGTH = 10,188.02 FT. = 1.930 MILE

DISTRICT 7 NO. (217)-342-3951
PROJECT ENGINEER BRIAN LEWIS
PROJECT MANAGER CHRIS WESTENDORF
CONTRACT NO. 74828

FREeway AND EXPRESSWAY
2023 ADT = 22,100
P.V. = 91.9% SU = 2.7% MU = 5.4%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED July 6 2023
Jeffrey P. Hynega
REGIONAL ENGINEER

August 18, 2023
SAE.A. EKS
ENGINEER OF DESIGN AND ENVIRONMENT

August 18, 2023
Steph M. Lewis
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS / HIGHWAY STANDARDS
3	GENERAL NOTES
4 - 14	SUMMARY OF QUANTITIES
15 - 24	TYPICAL CROSS SECTIONS
25 - 32	SCHEDULE OF QUANTITIES
33	CROSS TIES
34	BENCHMARKS
35 - 38	PLAN SHEETS - US 51
39 - 42	STRIPING DETAILS - US 51
43 - 46	PAVEMENT REPLACEMENT DETAILS - BARNETT AVENUE
47	GRADING AND SHAPING DITCHES DETAIL
48 - 65	MEDIAN DETAILS
66 - 70	ADA REMOVAL SHEETS
71 - 82	ADA RAMP DETAILS
83 - 93	SIGNAL PLANS
94 - 98	PAVING DETAILS
99	SHORT TERM PAVEMENT MARKING DETAILS
100	MANHOLE, TYPE A, 9' DIAMETER, TYPE 3 FRAME AND GRATE DETAILS
101	ADA DETAILS
102 - 104	ENTRANCE DETAILS
105 - 108	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL AND URBAN APPLICATIONS) (DISTRICT 7 DETAIL NO. 78000001)
109	PRISMATIC CURB REFLECTORS (DISTRICT 7 DETAIL NO. 78200300)
110	CLASS SI CONCRETE (OUTLET), SPECIAL (DISTRICT 7 DETAIL NO. X6060097)
111	SURVEY MARKER VAULT

STANDARD NO.	DESCRIPTION
000001 - 08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001 - 02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
353001 - 05	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
420001 - 10	PAVEMENT JOINTS
420701 - 03	PAVEMENT WELDED WIRE REINFORCEMENT
424001 - 11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006 - 05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011 - 04	CORNER PARALLEL CURB RAMPS FRO SIDEWALKS
424031 - 02	MEDIAN PEDESTRIAN CROSSINGS
442101 - 09	CLASS B PATCHES
482011 - 03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
602402 - 03	PRECAST MANHOLE TYPE A 5' DIAMETER
602421 - 09	PRECAST MANHOLE TYPE A 9' DIAMETER
604001 - 05	FRAME AND LIDS TYPE 1
604006 - 05	FRAME AND GRATE, TYPE 3
606001 - 08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301 - 04	PC CONCRETE ISLANDS AND MEDIANS
667101 - 02	PERMANENT SURVEY MARKERS
701101 - 05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106 - 02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701411 - 09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701426 - 09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH
701456 - 05	PARTIAL EXIT RAMP CLOSURE FREEWAY / EXPRESSWAY
701601 - 09	URBAN LANE CLOSURE, MULTILANE, 1 W OR 2W WITH NONTRAVERSABLE MEDIAN
701701 - 10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801 - 06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901 - 08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
780001 - 05	TYPICAL PAVEMENT MARKINGS
781001 - 04	TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKINGS
782001 - 01	CURB REFLECTORS
814001 - 03	HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
876001 - 04	PEDESTRIAN PUSH BUTTON POST
877012 - 07	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
878001 - 11	CONCRETE FOUNDATION DETAILS
880006 - 01	TRAFFIC SIGNAL MOUNTING DETAILS

REV. - MS

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USER NAME = jessica.hille	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS /HIGHWAY STANDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			322	(50R-1,R-2)RS-2,N-1	MACON	111	2	
PLOT DATE = 7/6/2023	CHECKED -	REVISED -			CONTRACT NO. 74828					
DATE -	REVISED -	SCALE:			SHEET	OF	SHEETS	STA.	TO	STA.
					ILLINOIS FED. AID PROJECT					

RURAL

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0001 90% FED 10% STATE	0021 80% FED 10% STATE 10% VILLAGE	0021 80% FED 20% VILLAGE	0004 80% FED 20% STATE *	0005 80% FED 20% VILLAGE
21400100	GRADING AND SHAPING DITCHES	FOOT	852	35	817				
25200100	SODDING	SQ YD	4264	4264					
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	515		515				
35300600	PORTLAND CEMENT CONCRETE BASE COURSE 11"	SQ YD	1678		1678				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	73803	67814	1080				4909
40600370	LONGITUDINAL JOINT SEALANT	FOOT	40963	40254	709				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1511	1511					
40600990	TEMPORARY RAMP	SQ YD	1030	982	48				
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	2199	2126	73				
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	TON	8647	8330	80				237
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	2320	2237	83				
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	9467	8553	91				823

REV. - MS

* - ADDITIONAL COST OF COLORING AND STAMPING MEDIAN SURFACE TO BE PAID FOR BY THE VILLAGE

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	DRAWN -	REVISED -
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PLOT DATE = 7/16/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)R5-2,N-1	MACON	111	4
			CONTRACT NO. 74828	
		ILLINOIS FED. AID PROJECT		

RURAL

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0001 90% FED 10% STATE	0021 80% FED 10% STATE 10% VILLAGE	0021 80% FED 20% VILLAGE	0004 80% FED 20% STATE *	0005 80% FED 20% VILLAGE
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	35	35					
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1934	1934					
42400800	DETECTABLE WARNINGS	SQ FT	203	203					
44000100	PAVEMENT REMOVAL	SQ YD	1769		1769				
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	56553	56553					
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	5861	5861					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	30370	30102	268				
44000600	SIDEWALK REMOVAL	SQ FT	1270	1270					
44003100	MEDIAN REMOVAL	SQ FT	93843	92908					935
44200050	WELDED WIRE REINFORCEMENT	SQ YD	86	86					
44200990	CLASS B PATCHES, TYPE I, 12 INCH	SQ YD	32	32					
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	1604	1604					
44200998	CLASS B PATCHES, TYPE III, 12 INCH	SQ YD	32	32					
44201000	CLASS B PATCHES, TYPE IV, 12 INCH	SQ YD	54	54					

REV. - MS

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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)R5-2,N-1	MACON	111	5
CONTRACT NO. 74828			ILLINOIS FED. AID PROJECT	

RURAL

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0001 90% FED 10% STATE	0021 80% FED 10% STATE 10% VILLAGE	0021 80% FED 20% VILLAGE	0004 80% FED 20% STATE *	0005 80% FED 20% VILLAGE
44201299	DOWEL BARS 1 1/2"	EACH	3940	3940					
44213200	SAW CUTS	FOOT	10043	10043					
44213204	TIE BARS 3/4"	EACH	18	18					
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	338	319	19				
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1					
60224477	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1		1				
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	47	47					
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	241	43	198				
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	301	301					
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	11313	11012	301				
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	37316	37316					

REV. - MS

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PLOT DATE = 7/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)R5-2,N-1	MACON	111	6
CONTRACT NO. 74828			ILLINOIS FED. AID PROJECT	

RURAL

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0001 90% FED 10% STATE	0021 80% FED 10% STATE 10% VILLAGE	0021 80% FED 20% VILLAGE	0004 80% FED 20% STATE *	0005 80% FED 20% VILLAGE
61100605	MISCELLANEOUS CONCRETE	CU YD	4	4					
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	20	20					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	500	500					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4					
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1					
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1					
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	18	18					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	13	13					
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	13	13					
67100100	MOBILIZATION	L SUM	1	1					
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	3	3					
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1					

* SPECIALTY ITEM

REV. - MS

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	DATE -	REVISIED -

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DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)R5-2,N-1	MACON	111	7
			CONTRACT NO. 74828	
			ILLINOIS FED. AID PROJECT	

RURAL

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0001 90% FED 10% STATE	0021 80% FED 10% STATE 10% VILLAGE	0021 80% FED 20% VILLAGE	0004 80% FED 20% STATE *	0005 80% FED 20% VILLAGE
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1					
	701601								
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1					
	701701								
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1					
	701801								
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30	30					
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28					
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	25356	25356					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2790	2790					
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	2109.3	2023.9	85.4				
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	38867	38379	422				66
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	13805	13004	627				174
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	3373	2890	483				

REV. - MS

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SUMMARY OF QUANTITIES

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)R5-2,N-1	MACON	111	8
			CONTRACT NO. 74828	
			ILLINOIS FED. AID PROJECT	

RURAL

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0001 90% FED 10% STATE	0021 80% FED 10% STATE 10% VILLAGE	0021 80% FED 20% VILLAGE	0004 80% FED 20% STATE *	0005 80% FED 20% VILLAGE
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	1769	1418	351				
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	932	900	32				
* 72000100	SIGN PANEL - TYPE 1	SQ FT	13			13			
* 72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	12			12			
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1968.9	1883.5	85.4				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	38867	38379	422				66
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	13805	13004	627				174
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	3373	2890	483				
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1769	1418	351				
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	932	900	32				
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	1968.9	1883.5	85.4				
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	38867	38379	422				66
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	13805	13004	627				174

* SPECIALTY ITEM

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SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0001 90% FED 10% STATE	0021 80% FED 10% STATE 10% VILLAGE	0021 80% FED 20% VILLAGE	0004 80% FED 20% STATE *	0005 80% FED 20% VILLAGE
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	3373	2890	483				
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	1769	1418	351				
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	932	900	32				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	481	481					
* 78200020	CURB REFLECTORS	EACH	781	751	30				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	481	473	8				
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	92			92			
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	64			64			
* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	9			9			
* 81400100	HANDHOLE	EACH	1			1			
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2			2			
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	965			859	106		
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2513			2513			

* SPECIALTY ITEM

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MODEL: Default
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SHEET: 1102023.dwg

USER NAME = jessica.hille	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
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STATE OF ILLINOIS
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)R5-2,N-1	MACON	111	10
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

RURAL

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0001 90% FED 10% STATE	0021 80% FED 10% STATE 10% VILLAGE	0021 80% FED 20% VILLAGE	0004 80% FED 20% STATE *	0005 80% FED 20% VILLAGE
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	154			154			
* 87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	319			319			
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	208			208			
* 87502460	TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT.	EACH	3			3			
* 87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	3			3			
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2			2			
* 87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	1				1		
* 87703120	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 75 FT.	EACH	1			1			
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	21			21			
* 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	25			25			
* 87900200	DRILL EXISTING HANDHOLE	EACH	4			3	1		

* SPECIALTY ITEM

REV. - MS

* - ADDITIONAL COST OF COLORING AND STAMPING MEDIAN SURFACE TO BE PAID FOR BY THE VILLAGE

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/16/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)R5-2,N-1	MACON	111	11
CONTRACT NO. 74828			ILLINOIS FED. AID PROJECT	

RURAL

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0001 90% FED 10% STATE	0021 80% FED 10% STATE 10% VILLAGE	0021 80% FED 20% VILLAGE	0004 80% FED 20% STATE *	0005 80% FED 20% VILLAGE
* 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6			6			
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4			4			
* 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	10			8	2		
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10			10			
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1			1			
* 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	1			1			
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2286			2286			
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	5			4	1		
* 89502376	REBUILD EXISTING HANDHOLE	EACH	2			2			
89502380	REMOVE EXISTING HANDHOLE	EACH	3			3			
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2			2			
X0323986	RELOCATE EXISTING VIDEO VEHICLE DETECTOR	EACH	1			1			

* SPECIALTY ITEM

REV. - MS

* - ADDITIONAL COST OF COLORING AND STAMPING MEDIAN SURFACE TO BE PAID FOR BY THE VILLAGE

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DATE: 7/15/2023

USER NAME = jessica.hille	DESIGNED -	REVISED -
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PLOT DATE = 7/15/2023	DATE -	REVISED -

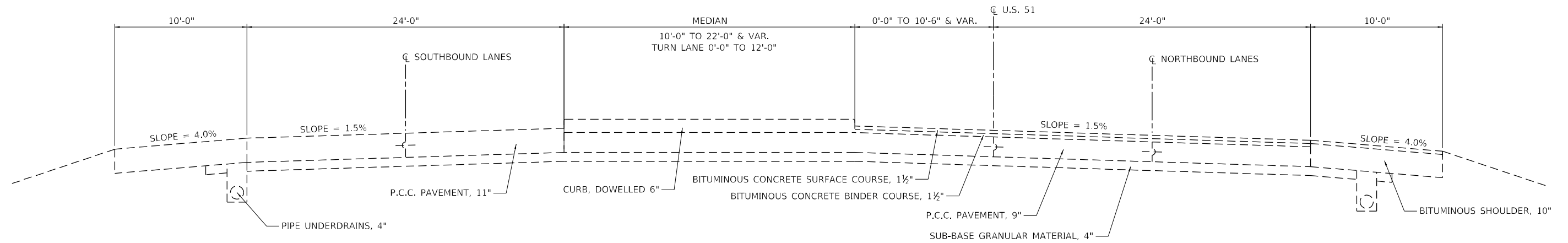
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

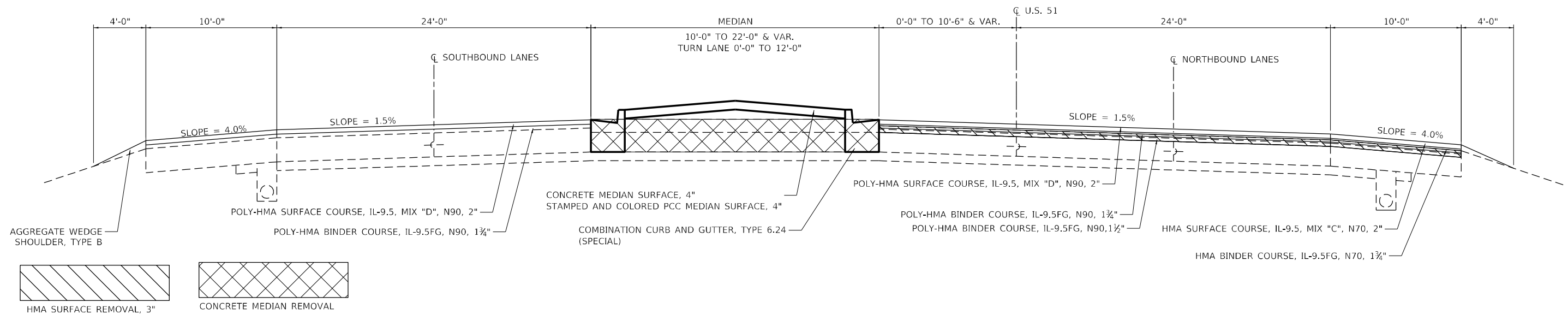
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)R5-2,N-1	MACON	111	12
			CONTRACT NO. 74828	
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION
 STATION 1204+24.04 RT. TO STATION 1207+56
 STATION 1204+70.26 LT TO STATION 1207+56



PROPOSED TYPICAL CROSS SECTION
 STATION 1204+24.04 RT. TO STATION 1207+56
 STATION 1204+70.26 LT TO STATION 1207+56



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PLOT DATE = 7/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

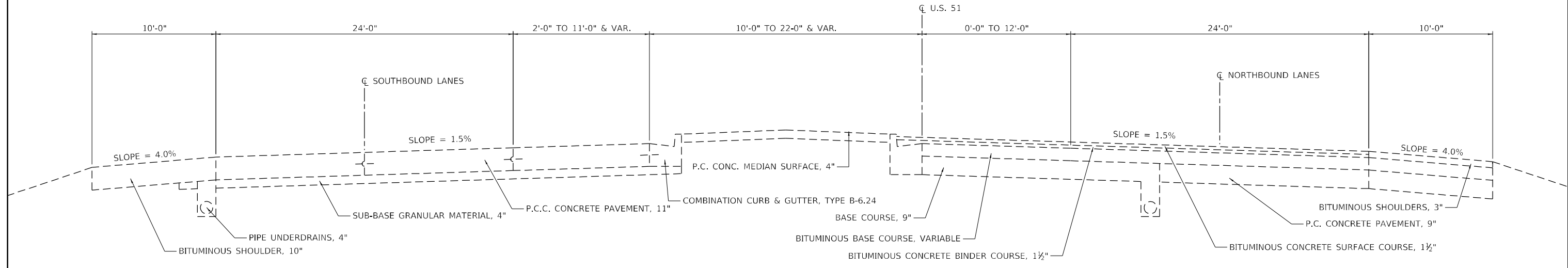
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	18
CONTRACT NO. 74828			ILLINOIS FED. AID PROJECT	

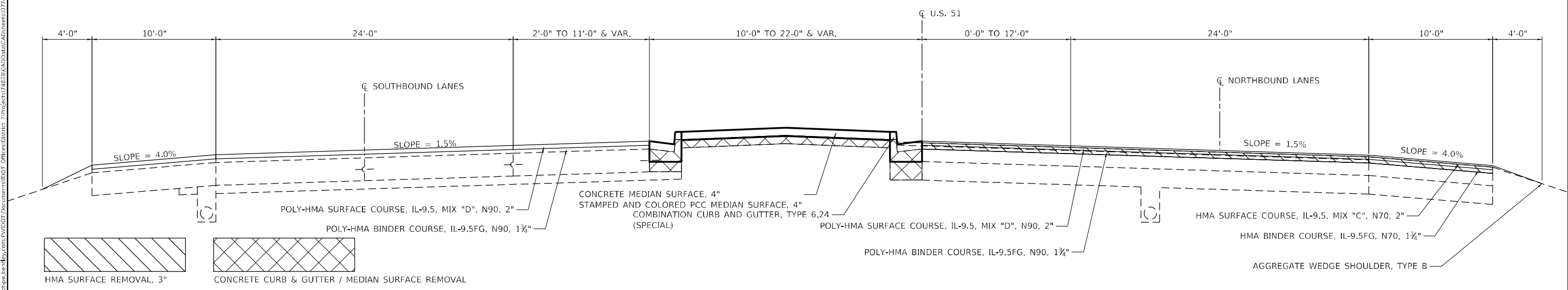
EXISTING TYPICAL CROSS SECTION
 RT. STATION 1207+56 TO STATION 1211+76
 LT. STATION 1207+56 TO STATION 1212+00.01
 LT. STATION 212+01.00 STATION 212+05

STATION EQUATION:
 STATION 1212+00.01 (BK.) =
 STATION 212+01.00 (AH.)



PROPOSED TYPICAL CROSS SECTION
 RT. STATION 1207+56 TO STATION 1211+76
 LT. STATION 1207+56 TO STATION 1212+00.01
 LT. STATION 212+01.00 STATION 212+05

STATION EQUATION:
 STATION 1212+00.01 (BK.) =
 STATION 212+01.00 (AH.)



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PLOT DATE = 7/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

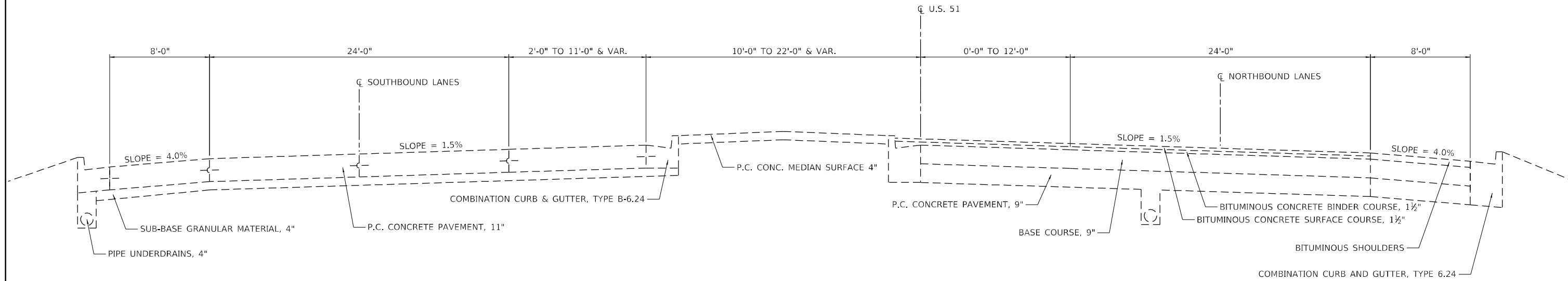
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 322	SECTION (50R-1,R-2)RS-2,N-1	COUNTY MACON	TOTAL SHEETS 111	SHEET NO. 19
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

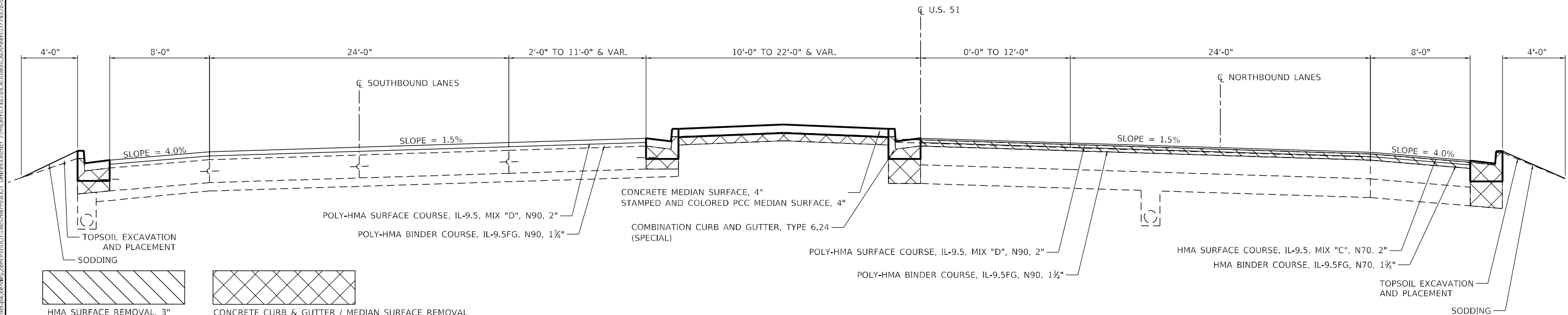
EXISTING TYPICAL CROSS SECTION
 RT. STATION 1211+76 TO STATION 1212+00.01
 RT. STATION 212+01.00 TO STATOIN 217+41
 LT. STATION 212+05 TO STATION 217+41

STATION EQUATION:
 STATION 1212+00.01 (BK.) =
 STATION 212+01.00 (AH.)



PROPOSED TYPICAL CROSS SECTION
 RT. STATION 1211+76 TO STATION 1212+00.01
 RT. STATION 212+01.00 TO STATOIN 217+41
 LT. STATION 212+05 TO STATION 217+41

STATION EQUATION:
 STATION 1212+00.01 (BK.) =
 STATION 212+01.00 (AH.)



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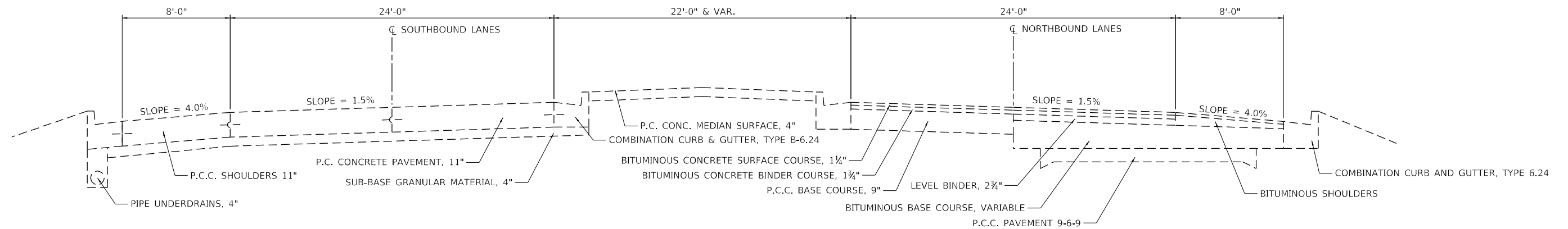
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PLOT DATE = 7/6/2023	CHECKED -	REVISD -
	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

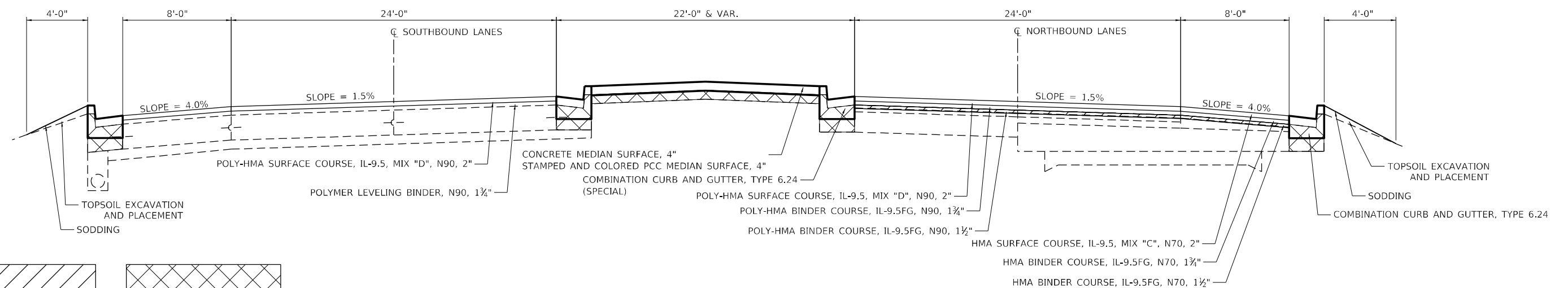
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SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	20
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION STATION 217+41 TO STATION 247+25.55



PROPOSED TYPICAL CROSS SECTION STATION 217+41 TO STATION 247+25.55



HMA SURFACE REMOVAL, 1 1/2"

CONCRETE CURB & GUTTER / MEDIAN SURFACE REMOVAL

USER NAME = jessica.wille	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 7/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

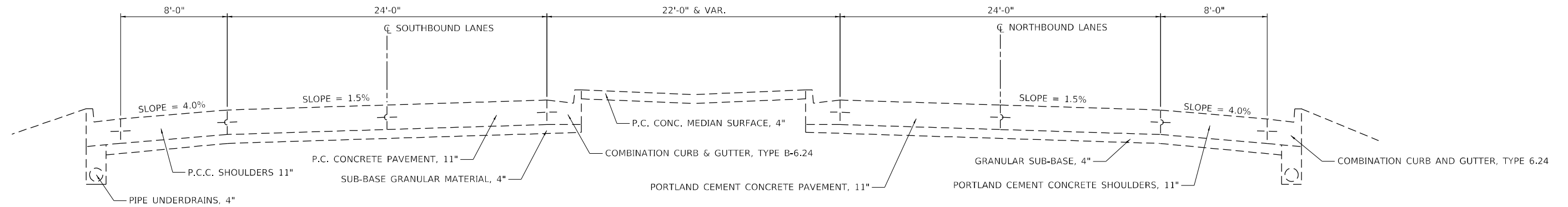
TYPICAL CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

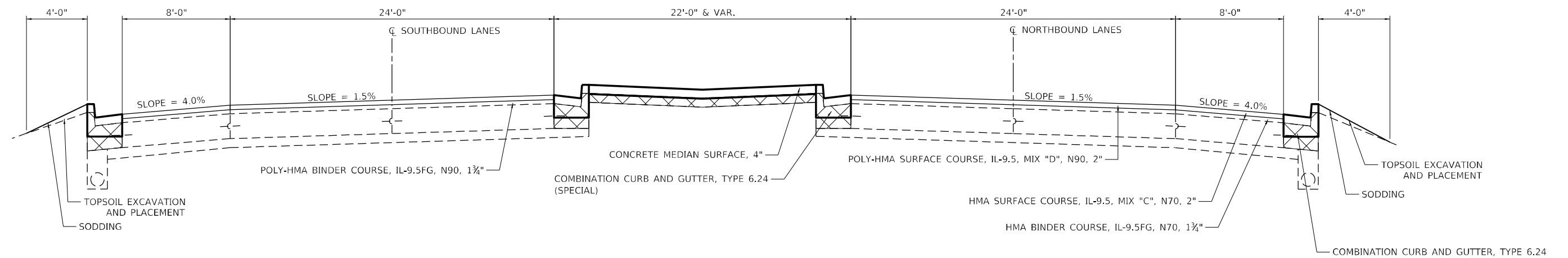
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	21
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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EXISTING TYPICAL CROSS SECTION STATION 247+25.55 TO STATION 260+00



PROPOSED TYPICAL CROSS SECTION STATION 247+25.55 TO STATION 260+00



CONCRETE CURB & GUTTER / MEDIAN SURFACE REMOVAL

USER NAME = jessica.ville	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 7/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

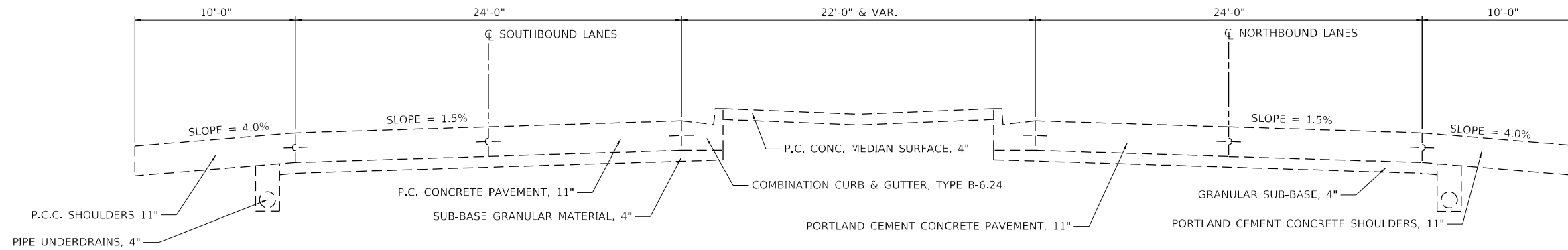
TYPICAL CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

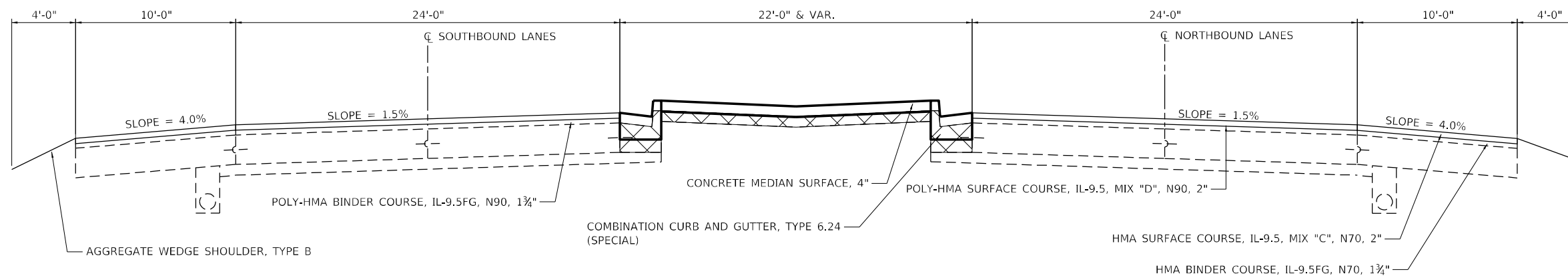
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	22
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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EXISTING TYPICAL CROSS SECTION STATION 260+00 TO STATION 265+07



PROPOSED TYPICAL CROSS SECTION STATION 260+00 TO STATION 265+07



CONCRETE CURB & GUTTER / MEDIAN SURFACE REMOVAL

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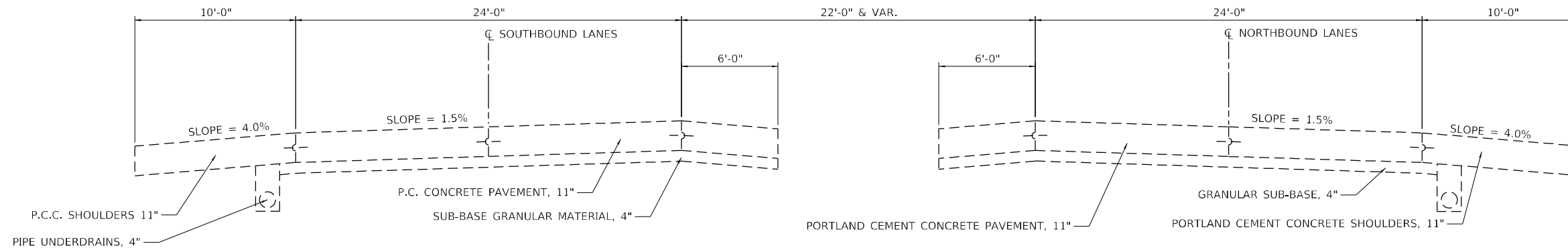
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PLOT DATE = 7/6/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

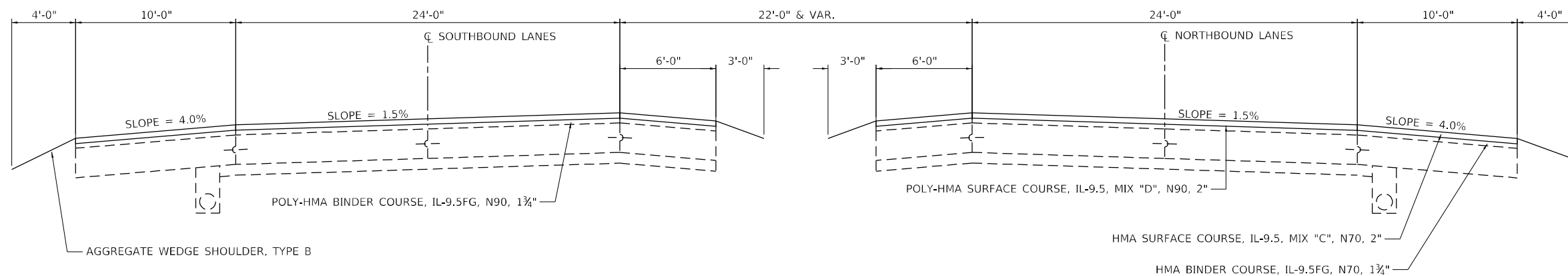
TYPICAL CROSS SECTIONS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	23
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION STATION 265+07 TO STATION 265+85



PROPOSED TYPICAL CROSS SECTION STATION 265+07 TO STATION 265+85



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PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 7/6/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	24
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

MAINLINE HOT MIX ASPHALT SURFACE REMOVAL										
LANE	STATION	TO	STATION	LENGTH (FOOT)	MAINLINE WIDTH (FOOT)	AREA (SQ FT)	HOT MIX ASPHALT SURFACE REMOVAL, 1 1/2" (SQ YD)	HOT MIX ASPHALT SURFACE REMOVAL, 3" (SQ YD)	HOT MIX ASPHALT SURFACE REMOVAL, BUTT JOINT (SQ YD)	
NB	1158+11.3		1158+56.3	45.0	24	1080.0			120.0	
NB	1158+56.3		1178+50.0	1993.7	24	47848.8	5316.5			
NB	1178+50.0		1180+99.2	249.2	24	5981.8	664.6			
NB	1180+99.2		1184+46.1	346.9	36	12487.7	1387.5			
NB	1184+46.1		1185+93.8	147.7	42	6204.2	689.4			
NB	1185+93.8		1189+65.4	371.5	60	22290.6	2476.7			
NB	1189+65.4		1189+84.1	18.7	48	898.6	99.8			
NB	1189+84.1		1191+20.1	136.0	36	4896.7	544.1			
NB	1191+20.1		1192+99.2	179.1	42	7522.2	835.8			
NB	1192+99.2		1196+31.0	331.8	48	15926.9	1769.7			
NB	1196+31.0		1198+87.1	256.1	36	9219.2	1024.4			
NB	1198+87.1		1199+91.4	104.3	42	4378.9	486.5			
NB	1199+91.4		1202+69.3	277.9	48	13339.7	1482.2			
NB	1202+69.3		1203+70.1	100.8	45	4537.4	504.2			
NB	1203+70.1		1203+94.0	23.9	32	766.4	85.2			
NB	1203+94.0		1204+65.6	71.6	26	1860.3		206.7		
NB	1204+65.6		1207+08.8	243.3	24	5838.0		648.7		
ND	1207+08.8		1209+24.4	215.5	30	6465.6		718.4		
NB	1209+24.4		1212+00.0	275.6	36	9923.4		1102.6		
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH										
NB	212+01.0		212+14.4	13.4	36	481.0		53.4		
NB	212+14.4		213+30.2	115.8	24	2779.4		308.8		
NB	213+30.2		214+95.7	165.5	30	4964.7		551.6		
NB	214+95.7		216+85.3	189.7	36	6828.1		758.7		
NB	216+85.3		217+41.0	55.7	24	1336.1		148.5		
NB	217+41.0		218+00.2	59.2	24	1421.0	157.9			
NB	218+00.2		219+40.8	140.6	30	4218.6	468.7			
NB	219+40.8		221+01.3	160.5	36	5777.3	641.9			
NB	221+01.3		227+82.0	680.6	24	16335.6	1815.1			
NB	227+82.0		230+32.6	250.6	30	7518.9	835.4			
NB	230+32.6		233+84.8	352.2	36	12680.3	1408.9			
NB	233+84.8		236+44.4	259.6	24	6229.9	692.2			
NB	236+44.4		238+26.7	182.3	30	5467.8	607.5			
NB	238+26.7		243+38.1	511.5	36	18412.9	2045.9			
NB	243+38.1		245+56.1	217.9	24	5230.6	581.2			
NB	245+56.1		247+25.6	169.5	30	5084.4	564.9			
NB	247+25.6		265+10.0	75.0	24	1800.0			200.0	
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH										
SB	1158+11.3		1158+56.3	45.0	24	1080.0			120.0	
SB	1158+56.3		1180+50.0	2193.7	24	52648.8	5849.9			
SB	1180+50.0		1182+50.0	200.0	24	4800.0	533.3			
SB	1182+50.0		1187+58.9	508.9	24	12213.4	1357.0			
SB	1187+58.9		1187+87.5	28.6	36	1029.6	114.4			
SB	1187+87.5		1191+10.1	322.6	48	15487.2	1720.8			
SB	1191+10.1		1192+56.2	146.1	42	6135.4	681.7			
SB	1192+56.2		1194+83.4	227.1	36	8176.7	908.5			
SB	1194+83.4		1198+61.8	378.4	48	18164.2	2018.2			
SB	1198+61.8		1200+21.6	159.8	38.5	6151.9	683.5			
SB	1200+21.6		1200+98.1	76.6	26.5	2028.8	225.4			
SB	1200+98.1		1202+69.3	171.1	24	4107.4	456.4			
SB	1202+69.3		1203+77.9	108.6	34.5	3747.7	416.4			
SB	1203+77.9		1204+40.3	62.4	36	2245.3	249.5			
SB	1204+40.3		1204+70.3	30.0	36	1080.0	120.0			
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH										
SB	265+10.0		265+85.0	75.0	24	1800.0			200.0	
RAMP E (BUTT JOINT)										
				45	16	720.0			80.0	
RAMP E										
				817.0	16	13071.4	1452.4			
RAMP C (BUTT JOINT)										
				45	16	720.0			80.0	
RAMP C										
				618.6	16	9897.6	1099.7			
LOOP F (N BUTT JOINT)										
				45	16	720.0			80.0	
LOOP F										
				64.2	16	1027.2	114.1			
LOOP F (S BUTT JOINT)										
				45	16	720.0			80.0	
MAINLINE TOTAL							45188	4497	960	

SHOULDER HOT MIX ASPHALT SURFACE REMOVAL										
LANE	STATION	TO	STATION	LENGTH (FOOT)	MAINLINE WIDTH (FOOT)	AREA (SQ FT)	HOT MIX ASPHALT SURFACE REMOVAL, 1 1/2" (SQ YD)	HOT MIX ASPHALT SURFACE REMOVAL, 3" (SQ YD)	HOT MIX ASPHALT SURFACE REMOVAL, BUTT JOINT (SQ YD)	
NB	1158+29.2		1158+56.3	27.1	4.9	132.7			14.7	
NB	1158+56.3		1159+14.0	57.7	9.92	572.8	63.6			
NB	1159+14.0		1165+60.2	646.2	10	6462.0	718.0			
NB	1165+60.2		1168+75.5	315.3	10.15	3200.2	355.6			
NB	1174+65.1		1178+50.0	384.9	10	3848.7	427.6			
NB	1178+50.0		1183+88.0	537.9	10	5379.5	597.7			
NB	1183+88.0		1185+93.4	205.4	7.5	1540.5	171.2			
NB	1185+93.4		1187+89.6	196.2	5	981.1	109.0			
NB	1189+84.1		1202+50.8	1266.8	12	15201.2	1689.0			
NB	1202+50.8		1203+87.5	136.7	11	1503.6	167.1			
NB	1203+87.5		1203+94.0	6.5	10	65.1	7.2			
NB	1203+94.0		1210+72.8	678.7	10	6787.2		754.1		
NB	1211+91.6		1212+00.0	8.4	10	84.1		9.3		
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH										
NB	212+01.0		217+41.0	540.0	10	5400.0		600.0		
NB	217+41.0		220+86.6	345.6	10	3455.9	384.0			
NB	221+84.2		232+71.6	1087.4	8	8699.2	966.6			
NB	233+66.9		238+26.6	459.7	8	3677.8	408.6			
NB	239+25.1		242+19.2	294.1	8	2353.1	261.5			
NB	243+12.7		245+55.8	243.0	8	1944.1	216.0			
NB	246+47.1		247+24.4	77.3	8	618.2	68.7			
NB	247+24.4		247+25.6	1.2	6	7.1	0.8			
NB	265+10.0		265+85.0	75.0	16	1200.0			133.3	
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH										
SB	1158+11.3		1158+56.3	45.0	10	450.0			50.0	
SB	1158+56.3		1165+22.2	665.9	10	6658.7	739.9			
SB	1165+22.2		1168+79.4	357.2	10	3572.0	396.9			
SB	1172+36.3		1180+50.0	813.7	10	8137.0	904.1			
SB	1189+55.1		1194+64.8	509.7	10	5097.1	566.3			
SB	1196+09.4		1202+42.8	633.4	10	6333.5	703.7			
SB	1203+72.6		1204+70.3	97.7	10	976.9	108.5			
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH										
SB	265+10.0		265+85.0	75.0	16	1200.0			133.3	
RAMP F (BUTT JOINT)										
				45	12	540.0			60.0	
RAMP E										
				817.0	8	6535.7	726.2			
RAMP C (BUTT JOINT)										
				45	12	540.0			60.0	
RAMP C										
				618.6	8	4948.8	549.9			
LOOP F (N BUTT JOINT)										
				45	12	540.0			60.0	
LOOP F										
				64.2	8	513.6	57.1			
LOOP F (S BUTT JOINT)										
				45	8	360.0			40.0	
SHOULDER TOTAL							11365	1363	551	

LOCATION/STATION	AREA (SQ YD)	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL) (SQ YD)
WEST BARNETT	1395.0	1395.0
EAST BARNETT	322.7	322.7
EAST LUCILE	379.9	379.9
WEST LUCILE	827.2	827.2
EAST MARION	735.5	735.5
WEST MARION	650.3	650.3
EAST WEAVER	219.9	219.9
WEST WEAVER	245.1	245.1
EAST COX	172.1	172.1
WEST COX	253.2	253.2
EAST RUEHL	164.5	164.5
FORSYTH PARKWAY	161.4	161.4
EAST SHAFFER	476.4	565.4
FORSYTH ROAD	385.1	476.3
1192+18 RT	74.9	172.3
213+32 RT	49.4	20.2
216+52 RT	49.2	20.2
218+38 RT	72.4	24.6
219+10 RT	49.2	20.2
221+33 RT	398.5	115.4
224+71 LT	43.9	19.1
225+66 LT	85.4	26.8
226+14 RT	49.2	20.2
226+57 LT	609.9	256.7
228+94 RT	49.2	20.2
229+64 RT	49.2	20.2
238+78 RT	384.2	116.4
246+01 RT	372.7	115.4
260+75 LT	72.3	24.6
TOTAL		7561

INCIDENTAL PAVING			
LOCATION/STATION	AREA (SQ YD)	THICKNESS (INCH)	INCIDENTAL HOT MIX ASPHALT SURFACING (TON)
213+32 RT	20.2	2.9	3.3
216+52 RT	20.2	2.9	3.3
218+38 RT	24.6	2.9	4.0
219+10 RT	20.2	2.9	3.3
224+71 LT	19.1	2.9	3.1
225+66 LT	26.8	2.9	4.3
226+14 RT	20.2	2.9	3.3
228+94 RT	20.2	2.9	3.3
229+64 RT	20.2	2.9	3.3
260+75 LT	24.6	0.0	4.0
TOTAL			35

PCC BASE COURSE, 11"					
STATION	OFFSET	TO	STATION	OFFSET	AREA (SQ YD)
1180+50	59.21' LT.		1187+58.60	81.06' LT.	97.5
1187+30.11	81.50' LT.		1188+45.70	174.98' LT.	1,580.4
TOTAL					1,677.9
ROUND TO					1,678.0

PAVEMENT REMOVAL, 12.5"			
STATION	TO	STATION	REMOVAL AREA (SQ YD)
1187+58.6/81.06'		1180+50/59.21'	1,580.4
ISLAND AT WEST BARNETT AVE			187.8
TOTAL =			1,768.2
ROUND TO:			1,769.0

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USER NAME = jessica.wille	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	25
				CONTRACT NO. 74828
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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MAINLINE PAVING															
DIRECTION	STATION	TO	STATION	LENGTH (FOOT)	MAINLINE WIDTH (FOOT)	AREA (SQ FT)	BITUMINOUS MATERIALS (TACK COAT) (POUND)			POLYMERIZED HOT MIX ASPHALT BINDER COURSE, IL-9.5, N90 (TON)			POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90 (TON)		
							# OF LIFTS ON MILLED SURFACES	# OF LIFTS ON FRESH HMA SURFACES	POUNDS	AREA (SQ YD)	THICKNESS (FOOT)	TONS	AREA (SQ YD)	THICKNESS (FOOT)	TONS
NB	1158+11.3		1158+41.3	30.0	24	720.0	1	0	36.0	80.0	0.00	0.0	80.0	2.00	9.0
NB	1158+41.3		1158+56.3	15.0	24	360.0	1	1	27.0	40.0	1.38	3.1	40.0	2.00	4.5
NB	1158+56.3		1178+50.0	1993.7	24	47848.8	1	1	3588.7	5316.5	1.75	521.0	5316.5	2.00	595.5
NB	1178+50.0		1180+99.2	249.2	24	5981.8	1	1	448.6	664.6	1.75	65.1	664.6	2.00	74.4
NB	1180+99.2		1184+46.1	346.9	36	12487.7	1	1	936.6	1387.5	1.75	136.0	1387.5	2.00	155.4
NB	1184+46.1		1185+93.8	147.7	42	6204.2	1	1	465.3	689.4	1.75	67.6	689.4	2.00	77.2
NB	1185+93.8		1189+65.4	371.5	60	22290.6	1	1	1671.8	2476.7	1.75	242.7	2476.7	2.00	277.4
NB	1189+65.4		1189+84.1	18.7	48	898.6	1	1	67.4	99.8	1.75	9.8	99.8	2.00	11.2
NB	1189+84.1		1191+20.1	136.0	36	4896.7	1	1	367.3	544.1	1.75	53.3	544.1	2.00	60.9
NB	1191+20.1		1192+99.2	179.1	42	7522.2	1	1	564.2	835.8	1.75	81.9	835.8	2.00	93.6
NB	1192+99.2		1196+31.0	331.8	48	15926.9	1	1	1194.5	1769.7	1.75	173.4	1769.7	2.00	198.2
NB	1196+31.0		1198+87.1	256.1	36	9219.2	1	1	691.4	1024.4	1.75	100.4	1024.4	2.00	114.7
NB	1198+87.1		1199+91.4	104.3	42	4378.9	1	1	328.4	486.5	1.75	47.7	486.5	2.00	54.5
NB	1199+91.4		1202+69.3	277.9	48	13339.7	1	1	1000.5	1482.2	1.75	145.3	1482.2	2.00	166.0
NB	1202+69.3		1203+70.1	100.8	45	4537.4	1	1	340.3	504.2	1.75	49.4	504.2	2.00	56.5
NB	1203+70.1		1203+94.0	23.9	32	766.4	1	1	57.5	85.2	1.75	8.3	85.2	2.00	9.5
NB	1203+94.0		1204+24.0	30.0	32	960.0	1	1.5	84.0	106.7	2.50	14.9	106.7	2.00	11.9
NB	1204+24.0		1204+65.6	41.6	26	1080.3	1	2	108.0	120.0	3.25	21.8	120.0	2.00	13.4
NB	1204+65.6		1207+08.8	243.3	24	5838.0	1	2	583.8	648.7	3.25	118.1	648.7	2.00	72.7
NB	1207+08.8		1207+56.0	47.2	30	1414.8	1	2	141.5	157.2	3.25	28.6	157.2	2.00	17.6
NB	1207+56.0		1207+96.0	40.0	30	1200.0	1	1.5	105.0	133.3	2.50	18.7	133.3	2.00	14.9
NB	1207+96.0		1209+24.4	128.4	30	3850.8	1	1	288.8	427.9	1.75	41.9	427.9	2.00	47.9
NB	1209+24.4		1212+00.0	275.6	36	9923.4	1	1	744.3	1102.6	1.75	108.1	1102.6	2.00	123.5
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH															
NB	212+01.0		212+14.4	13.4	36	481.0	1	1	36.1	53.4	1.75	5.2	53.4	2.00	6.0
NB	212+14.4		213+30.2	115.8	24	2779.4	1	1	208.5	308.8	1.75	30.3	308.8	2.00	34.6
NB	213+30.2		214+95.7	165.5	30	4964.7	1	1	372.4	551.6	1.75	54.1	551.6	2.00	61.8
NB	214+95.7		216+81.0	185.3	36	6672.2	1	1	500.4	741.4	1.75	72.7	741.4	2.00	83.0
NB	216+81.0		216+85.3	4.3	36	155.9	1	1.5	13.6	17.3	2.50	2.4	17.3	2.00	1.9
NB	216+85.3		217+41.0	55.7	24	1336.1	1	1.5	116.9	148.5	2.50	20.8	148.5	2.00	16.6
NB	217+41.0		218+00.2	59.2	24	1421.0	1	2	142.1	157.9	3.25	28.7	157.9	2.00	17.7
NB	218+00.2		219+40.8	140.6	30	4218.6	1	2	421.9	468.7	3.25	85.3	468.7	2.00	52.5
NB	219+40.8		221+01.3	160.5	36	5777.3	1	2	577.7	641.9	3.25	116.8	641.9	2.00	71.9
NB	221+01.3		227+82.0	680.6	24	16335.6	1	2	1633.6	1815.1	3.25	330.3	1815.1	2.00	203.3
NB	227+82.0		230+32.6	250.6	30	7518.9	1	2	751.9	835.4	3.25	152.0	835.4	2.00	93.6
NB	230+32.6		233+84.8	352.2	36	12680.3	1	2	1268.0	1408.9	3.25	256.4	1408.9	2.00	157.8
NB	233+84.8		236+44.4	259.6	24	6229.9	1	2	623.0	692.2	3.25	126.0	692.2	2.00	77.5
NB	236+44.4		238+26.7	182.3	30	5467.8	1	2	546.8	607.5	3.25	110.6	607.5	2.00	68.0
NB	238+26.7		243+38.1	511.5	36	18412.9	1	2	1841.3	2045.9	3.25	372.4	2045.9	2.00	229.1
NB	243+38.1		245+56.1	217.9	24	5230.6	1	2	523.1	581.2	3.25	105.8	581.2	2.00	65.1
NB	245+56.1		247+05.6	149.5	30	4484.4	1	2	448.4	498.3	3.25	90.7	498.3	2.00	55.8
NB	247+05.6		247+25.6	20.0	30	600.0	1	1.5	52.5	66.7	2.50	9.3	66.7	2.00	7.5
NB	247+25.6		248+99.1	173.6	42	7290.4	1	1	546.8	810.0	1.75	79.4	810.0	2.00	90.7
NB	248+99.1		251+27.6	228.5	48	10968.0	1	1	822.6	1218.7	1.75	119.4	1218.7	2.00	136.5
NB	251+27.6		252+00.0	72.4	36	2605.3	1	1	195.4	289.5	1.75	28.4	289.5	2.00	32.4
NB	252+00.0		265+10.0	1310.0	24	31440.0	1	1	2358.0	3493.3	1.75	342.3	3493.3	2.00	391.3
NB	265+10.0		265+35.0	25.0	24	600.0	1	1	45.0	66.7	1.13	4.2	66.7	2.00	7.5
NB	265+35.0		265+85.0	50.0	24	1200.0	1	0	60.0	133.3	0.00	0.0	133.3	2.00	14.9

SB	1158+11.3		1158+41.3	30.0	24	720.0	1	0	36.0	80.0	0.00	0.0	80.0	2.00	9.0
SB	1158+41.3		1158+56.3	15.0	24	360.0	1	1	27.0	40.0	1.38	3.1	40.0	2.00	4.5
SB	1158+56.3		1180+50.0	2193.7	24	52648.8	1	1	3948.7	5849.9	1.75	573.3	5849.9	2.00	655.2
SB	1180+50.0		1182+50.0	200.0	24	4800.0	1	1	360.0	533.3	1.75	52.3	533.3	2.00	59.7
SB	1182+50.0		1187+58.9	508.9	24	12213.6	1	1	916.0	1357.1	1.75	133.0	1357.1	2.00	152.0
SB	1187+58.9		1187+87.5	28.6	36	1029.2	1	1	77.2	114.4	1.75	11.2	114.4	2.00	12.8
SB	1187+87.5		1191+10.1	322.6	48	15487.2	1	1	1161.5	1720.8	1.75	168.6	1720.8	2.00	192.7
SB	1191+10.1		1192+56.2	146.1	42	6135.4	1	1	460.2	681.7	1.75	66.8	681.7	2.00	76.4
SB	1192+56.2		1194+83.4	227.1	36	8176.7	1	1	613.3	908.5	1.75	89.0	908.5	2.00	101.8

MAINLINE PAVING															
DIRECTION	STATION	TO	STATION	LENGTH (FOOT)	MAINLINE WIDTH (FOOT)	AREA (SQ FT)	BITUMINOUS MATERIALS (TACK COAT) (POUND)			POLYMERIZED HOT MIX ASPHALT BINDER COURSE, IL-9.5, N90 (TON)			POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90 (TON)		
							# OF LIFTS ON MILLED SURFACES	# OF LIFTS ON FRESH HMA SURFACES	POUNDS	AREA (SQ YD)	THICKNESS (FOOT)	TONS	AREA (SQ YD)	THICKNESS (FOOT)	TONS
SB	1194+83.4		1198+61.8	378.4	48	18164.2	1	1	1362.3	2018.2	1.75	197.8	2018.2	2.00	226.0
SB	1198+61.8		1200+21.6	159.8	38.5	6151.9	1	1	461.4	683.5	1.75	67.0	683.5	2.00	76.6
SB	1200+21.6		1200+98.1	76.6	26.5	2028.8	1	1	152.2	225.4	1.75	22.1	225.4	2.00	25.2
SB	1200+98.1		1202+69.3	171.1	24	4107.4	1	1	308.1	456.4	1.75	44.7	456.4	2.00	51.1
SB	1202+69.3		1203+77.9	108.6	34.5	3747.7	1	1	281.1	416.4	1.75	40.8	416.4	2.00	46.6
SB	1203+77.9		1206+00.5	222.6	36	8012.2	1	1	600.9	890.2	1.75	87.2	890.2	2.00	99.7
SB	1206+00.5		1207+47.7	147.3	30	4418.7	1	1	331.4	491.0	1.75	48.1	491.0	2.00	55.0
SB	1207+47.7		1210+93.3	345.6	24	8293.9	1	1	622.0	921.5	1.75	90.3	921.5	2.00	103.2
SB	1210+93.3		1212+00.0	106.7	36	3840.8	1	1	288.1	426.8	1.75	41.8	426.8	2.00	47.8
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH															
SB	212+01.0		213+27.0	126.0	36	4536.0	1	1	340.2	504.0	1.75	49.4	504.0	2.00	56.4
SB	213+27.0		214+52.5	125.5	30	3763.5	1	1	282.3	418.2	1.75	41.0	418.2	2.00	46.8
SB	214+52.5		215+93.7	141.3	24	3390.5	1	1	254.3	376.7	1.75	36.9	376.7	2.00	42.2
SB	215+93.7		218+00.1	206.3	36	7428.2	1	1	557.1	825.4	1.75	80.9	825.4	2.00	92.4
SB	218+00.1		219+44.1	144.0	30	4320.9	1	1	324.1	480.1	1.75	47.0	480.1	2.00	53.8
SB	219+44.1		220+86.1	142.0	24	3407.3	1	1	255.5	378.6	1.75	37.1	378.6	2.00	42.4
SB	220+86.1		224+76.3	390.3	36	14050.1	1	1	1053.8	1561.1	1.75	153.0	1561.1	2.00	174.8
SB	224+76.3		226+50.1	173.7	30	5211.6	1	1	390.9	579.1	1.75	56.7	579.1	2.00	64.9
SB	226+50.1		232+60.9	610.8	24	14660.4	1	1	1099.5	1628.9	1.75	159.6	1628.9	2.00	182.4
SB	232+60.9		235+60.0	299.0	36	10765.4	1	1	807.4	1196.2	1.75	117.2	1196.2	2.00	134.0
SB	235+60.0		237+69.9	210.0	30	6299.7	1	1	472.5	700.0	1.75	68.6	700.0	2.00	

SHOULDER PAVING															
DIRECTION	STATION	TO	STATION	LENGTH (FOOT)	SHOULDER WIDTH (FOOT)	AREA (SQ FT)	BITUMINOUS MATERIALS (TACK COAT) (POUND)			HOT MIX ASPHALT BINDER COURSE, IL-9.5FG, N70 (TON)			HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70 (TON)		
							# OF LIFTS ON MILLED SURFACES	# OF LIFTS ON FRESH HMA SURFACES	POUNDS	AREA (SQ YD)	THICKNESS (FOOT)	TONS	AREA (SQ YD)	THICKNESS (FOOT)	TONS
NB	1158+29.2		1158+41.3	12.1	2.9	34.4	1	0	1.7	3.8	0.00	0.0	3.8	2.00	0.4
NB	1158+41.3		1158+56.3	15.0	5.8	86.3	1	1	6.5	9.6	1.38	0.7	9.6	2.00	1.1
NB	1158+56.3		1159+14.0	57.7	12.9	747.2	1	1	56.0	83.0	1.75	8.1	83.0	2.00	9.3
NB	1159+14.0		1165+60.2	646.2	10.0	6462.0	1	1	484.7	718.0	1.75	70.4	718.0	2.00	80.4
NB	1165+60.2		1168+75.5	315.3	10.2	3200.2	1	1	240.0	355.6	1.75	34.8	355.6	2.00	39.8
NB	1174+65.1		1183+88.0	922.8	10.0	9228.2	1	1	692.1	1025.4	1.75	100.5	1025.4	2.00	114.8
NB	1183+88.0		1185+93.4	205.4	7.5	1540.5	1	1	115.5	171.2	1.75	16.8	171.2	2.00	19.2
NB	1185+93.4		1187+89.6	196.2	5.0	981.1	1	1	73.6	109.0	1.75	10.7	109.0	2.00	12.2
NB	1189+84.1		1202+50.8	1266.8	12.0	15201.2	1	1	1140.1	1689.0	1.75	165.5	1689.0	2.00	189.2
NB	1202+50.8		1203+87.5	136.7	11.0	1503.6	1	1	112.8	167.1	1.75	16.4	167.1	2.00	18.7
NB	1203+87.5		1203+94.0	6.5	10.0	65.1	1	1	4.9	7.2	1.75	0.7	7.2	2.00	0.8
NB	1203+94.0		1204+24.0	30.0	10.0	300.0	1	1.5	26.3	33.3	2.50	4.7	33.3	2.00	3.7
NB	1204+24.0		1207+56.0	332.0	10.0	3319.6	1	2	332.0	368.8	3.25	67.1	368.8	2.00	41.3
NB	1207+56.0		1207+96.0	40.0	10.0	400.0	1	1.5	35.0	44.4	2.50	6.2	44.4	2.00	5.0
NB	1207+96.0		1210+72.8	276.8	10.0	2767.6	1	1	207.6	307.5	1.75	30.1	307.5	2.00	34.4
NB	1211+91.6		1212+00.0	8.4	10.0	84.1	1	1	6.3	9.3	1.75	0.9	9.3	2.00	1.0
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH															
NB	212+01.0		218+81.0	680.0	10.0	4800.0	1	1	360.0	533.3	1.75	52.3	755.6	2.00	84.6
NB	216+81.0		217+41.0	60.0	10.0	600.0	1	1.5	52.5	66.7	2.50	9.3	66.7	2.00	7.5
NB	217+41.0		220+86.6	345.6	10.0	3455.9	1	2	345.6	384.0	3.25	69.9	384.0	2.00	43.0
NB	221+84.2		232+71.6	1087.4	8.0	8699.2	1	2	869.9	966.6	3.25	175.9	966.6	2.00	108.3
NB	233+66.9		238+26.6	459.7	8.0	3677.8	1	2	367.8	408.6	3.25	74.4	408.6	2.00	45.8
NB	239+25.1		242+19.2	294.1	8.0	2353.1	1	2	235.3	261.5	3.25	47.6	261.5	2.00	29.3
NB	243+12.7		245+55.8	243.0	8.0	1944.1	1	2	194.4	216.0	3.25	39.3	216.0	2.00	24.2
NB	246+47.1		247+05.6	58.5	8.0	467.7	1	2	46.8	52.0	3.25	9.5	52.0	2.00	5.8
NB	247+05.6		247+24.4	18.8	8.0	150.6	1	1.5	13.2	16.7	2.50	2.3	16.7	2.00	1.9
NB	247+24.4		247+25.6	1.2	6.0	7.1	1	1.5	0.6	0.8	2.50	0.1	0.8	2.00	0.1
NB	247+25.6		248+70.9	145.4	6.0	872.3	1	1	65.4	96.9	1.75	9.5	96.9	2.00	10.9
NB	248+70.9		251+27.6	256.7	4.0	1026.8	1	1	77.0	114.1	1.75	11.2	114.1	2.00	12.8
NB	253+02.7		260+00.0	697.3	8.0	5578.1	1	1	418.4	619.8	1.75	60.7	619.8	2.00	69.4
NB	260+00.0		265+07.0	507.0	10.0	5070.0	1	1	380.3	563.3	1.75	55.2	563.3	2.00	63.1
NB	265+07.0		265+10.0	3.0	16.0	48.0	1	1	3.6	5.3	1.75	0.5	5.3	2.00	0.6
NB	265+10.0		265+35.0	25.0	16.0	400.0	1	1	30.0	44.4	1.13	2.8	44.4	2.00	5.0
NB	265+35.0		265+85.0	50.0	16.0	800.0	1	0	40.0	88.9	0.00	0.0	88.9	2.00	10.0
SB	1158+11.3		1158+41.3	30.0	10.0	300.0	1	0	15.0	33.3	0.00	0.0	33.3	2.00	3.7
SB	1158+41.3		1158+56.3	15.0	10.0	150.0	1	1	11.3	16.7	1.38	1.3	16.7	2.00	1.9
SB	1158+56.3		1165+22.2	665.9	10.0	6658.7	1	1	499.4	739.9	1.75	72.5	739.9	2.00	82.9
SB	1165+22.2		1168+79.4	357.2	10.0	3572.0	1	1	267.9	396.9	1.75	38.9	396.9	2.00	44.5
SB	1172+36.3		1180+50.0	813.7	10.0	8137.0	1	1	610.3	904.1	1.75	88.6	904.1	2.00	101.3
SB	1189+55.1		1194+64.8	509.7	10.0	5097.1	1	1	382.3	566.3	1.75	55.5	566.3	2.00	63.4
SB	1196+09.4		1202+42.8	633.4	10.0	6333.5	1	1	475.0	703.7	1.75	69.0	703.7	2.00	78.8
SB	1203+72.6		1211+12.9	740.3	10.0	7403.1	1	1	555.2	822.6	1.75	80.6	822.6	2.00	92.1
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH															
SB	212+21.1		232+62.1	2040.9	8.0	16327.5	1	1	1224.6	1814.2	1.75	177.8	1814.2	2.00	203.2
SB	233+80.5		242+34.1	853.5	8.0	6828.3	1	1	512.1	758.7	1.75	74.4	758.7	2.00	85.0
SB	243+03.0		250+93.6	790.5	8.0	6324.2	1	1	474.3	702.7	1.75	68.9	702.7	2.00	78.7
SB	252+72.3		254+88.1	215.7	4.0	862.9	1	1	64.7	95.9	1.75	9.4	95.9	2.00	10.7
SB	254+88.1		257+18.1	230.0	6.0	1380.0	1	1	103.5	153.3	1.75	15.0	153.3	2.00	17.2
SB	257+18.1		260+00.0	281.9	8.0	2254.4	1	1	169.2	250.6	1.75	24.6	250.6	2.00	28.1
SB	260+00.0		265+07.0	507.0	10.0	5070.0	1	1	380.3	563.3	1.75	55.2	563.3	2.00	63.1
SB	265+07.0		265+10.0	3.0	16.0	48.0	1	1	3.6	5.3	1.75	0.5	5.3	2.00	0.6
SB	265+10.0		265+35.0	25.0	16.0	400.0	1	1	30.0	44.4	1.13	2.8	44.4	2.00	5.0
SB	265+35.0		265+85.0	50.0	16.0	800.0	1	0	40.0	88.9	0.00	0.0	88.9	2.00	10.0
RAMP E BUTT JOINT RIGHT SHOULDER				15.0	8.0	360.0	1	1	27.0	13.3	1.4	1.0	40.0	2.0	4.5
RAMP E RIGHT SHOULDER				817.0	8.0	6535.7	1	1	490.2	726.2	1.8	71.2	726.2	2.0	81.3
RAMP C BUTT JOINT RIGHT SHOULDER				15.0	8.0	360.0	1	1	27.0	13.3	1.4	1.0	40.0	2.0	4.5
RAMP C RIGHT SHOULDER				618.6	8.0	4948.8	1	1	371.2	549.9	1.8	53.9	549.9	2.0	61.6
LOOP F N BUTT JOINT RIGHT SHOULDER				15.0	8.0	360.0	1	1	27.0	13.3	1.4	1.0	40.0	2.0	4.5
LOOP F RIGHT SHOULDER				64.2	8.0	513.6	1	1	38.5	57.1	1.8	5.6	57.1	2.0	6.4
LOOP F S BUTT JOINT RIGHT SHOULDER				15.0	8.0	360.0	1	1	27.0	13.3	1.4	1.0	40.0	2.0	4.5
RAMP E LEFT SHOULDER				15.0	4.0	180.0	1	1	13.5	6.7	1.8	0.7	20.0	2.0	2.2
RAMP C LEFT SHOULDER				15.0	4.0	180.0	1	1	13.5	6.7	1.8	0.7	20.0	2.0	2.2
LOOP F RIGHT SHOULDER				15.0	4.0	180.0	1	1	13.5	6.7	1.8	0.7	20.0	2.0	2.2
TOTALS									13903			2126			2237

BARNETT AVE PAVING															
DIRECTION	STATION	TO	STATION	LENGTH (FOOT)	MAINLINE WIDTH (FOOT)	AREA (SQ FT)	BITUMINOUS MATERIALS (TACK COAT) (POUND)			HOT MIX ASPHALT BINDER COURSE, IL-9.5FG, N70 (TON)			HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70 (TON)		
							# OF LIFTS ON MILLED SURFACES	# OF LIFTS ON FRESH HMA SURFACES	POUNDS	AREA (SQ YD)	THICKNESS (FOOT)	TONS	AREA (SQ YD)	THICKNESS (FOOT)	TONS
SB	1180+50.0		1187+58.9	708.9	10	7089.0	1.0	1.0	531.7	741.8	1.75	72.7	741.8	2.00	83.1
TOTALS									532			73			83

LONGITUDINAL JOINT SEALANT					
NB/SB	LOCATION	STATION	TO	STATION	LENGTH (FT)
NB	CL	1158+11.30		1212+00.01	5,388.7
NB	CL	212+01.00		265+85.00	5,384.0
SB	CL	1158+11.30		1212+00.01	5,388.7
SB	CL	212+01.00		265+85.00	5,384.0
NB	LOOP F	1158+11.30		1158+29.22	17.9
NB	RAMP E	1168+76.25		1174+80.60	604.4
NB	LTL	1180+99.32		1204+65.59	2,366.3
NB	LTL	1183+10.62		1189+65.35	654.7
NB	RTL	1184+43.99		1189+84.07	540.1
NB	BARNETT AVE	1187+90.01		1189+84.07	194.1
NB	LTL	1191+20.09		1196+31.00	510.9
NB	LUCILE AVE	1194+67.93		1196+04.67	136.7
NB	LTL	1198+87.09		1203+69.75	482.7
NB	RTL/MARION AVE	1200+47.98		1204+12.70	364.7
NB	LTL	1207+08.84		1212+00.01	491.2
NB	LTL	212+01.00		212+35.06	34.1
NB	WEAVER RD	1210+75.10		1211+91.44	116.3
NB	LTL	213+30.17		216+99.37	369.2
NB	LTL	218+00.21		222+01.31	401.1
NB	LTL	227+81.96		233+84.82	602.9
NB	COX ST	232+71.68		233+66.76	95.1
NB	LTL	236+44.40		243+36.80	692.4
NB	RUEHL ST	242+19.31		243+12.75	93.4
NB	LTL	245+56.07		252+88.52	732.5
NB	RTL/SHAFFER ST	246+86.29		253+02.87	616.6
SB	RAMP C	1168+79.23		1171+42.11	262.9
SB	ACCELERATION LANE/RTL	1187+58.90		1200+98.12	1,339.2
SB	LTL	1187+87.49		1192+56.22	468.7
SB	BARNETT AVE	1186+44.78		1187+90.78	146.0
SB	BARNETT AVE	1188+52.21		1189+55.06	102.8
SB	LUCILE AVE	1194+64.87		1196+09.47	144.6
SB	LTL	1194+83.55		1200+21.56	538.0
SB	MARION AVE	1201+94.54		1204+13.74	219.2
SB	RTL	1202+69.45		1207+47.74	478.3
SB	WEAVER RD	1211+13.02		1212+00.01	87.0
SB	WEAVER RD	212+01.00		212+21.23	20.2
SB	LTL	1210+93.32		1212+00.01	106.7
SB	LTL				

LETTERS AND SYMBOLS					
LOCATION	TYPE	NUMBER OF SYMBOLS	AREA PER SYMBOL (SQ FT)	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS & SYMBOLS (SQ FT)	THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (SQ FT)
NB INSIDE LTL BARNETT AVE	LEFT TURN ARROW	6	15.6	93.6	93.6
NB OUTSIDE LTL BARNETT AVE	LEFT TURN ARROW	6	15.6	93.6	93.6
NB RTL BARNETT AVE	RIGHT TURN ARROW	4	15.6	62.4	62.4
EB LTL BARNETT AVE	LEFT TURN ARROW	2	15.6	31.2	31.2
EB THRU LANE BARNETT AVE	THROUGH ARROW	2	11.5	23.0	23.0
EB RTL BARNETT AVE	RIGHT TURN ARROW	2	15.6	31.2	31.2
WB INSIDE LTL BARNETT AVE	LEFT TURN ARROW	1	15.6	15.6	15.6
WB OUTSIDE LTL BARNETT AVE	LEFT TURN ARROW	1	15.6	15.6	15.6
WB THRU LANE BARNETT AVE	THROUGH ARROW	1	11.5	11.5	11.5
SB RTL BARNETT AVE	RIGHT TURN ARROW	5	15.6	78.0	78.0
SB LTL BARNETT AVE	LEFT TURN ARROW	3	15.6	46.8	46.8
NB RTL HIGHLAND DR	RIGHT TURN ARROW	3	15.6	46.8	46.8
NB RTL LUCILE AVE	RIGHT TURN ARROW	3	15.6	46.8	46.8
NB INSIDE LTL LUCILE AVE	LEFT TURN ARROW	4	15.6	62.4	62.4
NB OUTSIDE LTL LUCILE AVE	LEFT TURN ARROW	4	15.6	62.4	62.4
EB RTL LUCILE AVE	RIGHT TURN ARROW	1	15.6	15.6	15.6
SB LTL LUCILE AVE	LEFT TURN ARROW	4	15.6	62.4	62.4
SB RTL LUCILE AVE	RIGHT TURN ARROW	4	15.6	62.4	62.4
NB RTL MARION AVE	RIGHT TURN ARROW	3	15.6	46.8	46.8
NB INSIDE LTL MARION AVE	LEFT TURN ARROW	4	15.6	62.4	62.4
NB OUTSIDE LTL MARION AVE	LEFT TURN ARROW	4	15.6	62.4	62.4
SB LTL MARION AVE	LEFT TURN ARROW	4	15.6	62.4	62.4
EB COMB. RTL/THRU LANE MARION AVE	COMB. RT/THRU ARROW	1	26	26.0	26.0
EB LTL MARION AVE	LEFT TURN ARROW	1	15.6	15.6	15.6
WB LTL MARION AVE	LEFT TURN ARROW	1	15.6	15.6	15.6
WB COMB. RTL/THRU LANE MARION AVE	COMB. RT/THRU ARROW	1	26	26.0	26.0
NB LTL WEAVER RD	LEFT TURN ARROW	4	15.6	62.4	62.4
SB LTL WEAVER RD	LEFT TURN ARROW	2	15.6	31.2	31.2
SB LTL MAGNOLIA ST	LEFT TURN ARROW	5	15.6	78.0	78.0
NB LTL COX ST	LEFT TURN ARROW	5	15.6	78.0	78.0
SB LTL COX ST	LEFT TURN ARROW	4	15.6	62.4	62.4
NB LTL RUEHL ST	LEFT TURN ARROW	6	15.6	93.6	93.6
SB LTL RUEHL ST	LEFT TURN ARROW	4	15.6	62.4	62.4
NB LTL FORSYTH RD	LEFT TURN ARROW	6	15.6	93.6	93.6
NB RTL FORSYTH RD	RIGHT TURN ARROW	4	15.6	62.4	62.4
SB LTL FORSYTH RD	LEFT TURN ARROW	4	15.6	62.4	62.4
SB RTL FORSYTH RD	RIGHT TURN ARROW	4	15.6	62.4	62.4
SUB-TOTAL				1927.3	1927.3
TOTAL				1927.3	1927.3

RAISED REFLECTIVE PAVEMENT MARKERS										
LANE	STATION	TO	STATION	PAVEMENT MARKING TYPE	LENGTH (FOOT)	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)	RAISED REFLECTIVE PAVEMENT MARKER (EACH)			
							CRYSTAL 1-WAY	AMBER 2-WAY	AMBER 1-WAY	
NBCL	1158+11.3		1188+06.0	10 FT SKIP-DASHES	2994.7	38				
NBCL	1186+61.0		1194+82.0	10 FT SKIP-DASHES	821.0	11				
NBCL	1196+08.0		1202+67.0	10 FT SKIP-DASHES	659.0	9				
NBCL	1203+76.0		1210+91.0	10 FT SKIP-DASHES	715.0	9				
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH										
NBCL	212+23.0		232+59.0	10 FT SKIP-DASHES	2039.0	26		26		
NBCL	233+73.0		251+44.0	10 FT SKIP-DASHES	1774.0	23		23		
NBCL	252+53.0		265+85.0	10 FT SKIP-DASHES	1327	17		17		
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH										
NBLTL	1180+99.0		1184+47.0	10 FT SKIP-DASHES	348.0	5		5		
NBLTL	1184+47.0		1188+06.0	2 X LEFT TURN LANE LINES	359.0	18		18		
NBRTL	1185+94.0		1188+06.0	RIGHT TURN LANE LINE	212.0	6		6		
NBLTL	1189+97.0		1192+99.0	10 FT SKIP-DASHES	302.0	4		4		
NBRTL	1190+76.0		1191+73.0	RIGHT TURN LANE LINE	97.0	3		3		
NBLTL	1192+99.0		1194+82.0	2 X LEFT TURN LANE LINES	183.0	10		10		
NBRTL	1193+79.0		1194+82.0	RIGHT TURN LANE LINE	103.0	3		3		
NBLTL	1196+67.0		1199+91.0	10 FT SKIP-DASHES	324.0	5		5		
NBLTL	1199+91.0		1202+67.0	2 X LEFT TURN LANE LINES	276.0	14		14		
NBRTL	1201+28.0		1202+67.0	RIGHT TURN LANE LINE	139.0	4		4		
NBLTL	1209+24.0		1210+91.0	LEFT TURN LANE LINE	167.0	5		5		
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH										
NBLTL	214+95.0		215+97.0	LEFT TURN LANE LINE	101.0	3		3		
NBLTL	219+41.0		220+84.0	LEFT TURN LANE LINE	143.0	4		4		
NBLTL	229+62.0		232+59.0	LEFT TURN LANE LINE	297.0	8		8		
NBLTL	237+71.0		242+17.0	LEFT TURN LANE LINE	446.0	12		12		
NBLTL	247+33.0		251+44.0	LEFT TURN LANE LINE	414.0	11		11		
NBRTL	248+93.0		251+44.0	RIGHT TURN LANE LINE	245.0	7		7		
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH										
SBCL	1158+11.3		1188+06.0	10 FT SKIP-DASHES	2994.7	38		38		
SBCL	1186+61.0		1194+82.0	10 FT SKIP-DASHES	821.0	11		11		
SBCL	1196+08.0		1202+67.0	10 FT SKIP-DASHES	659.0	9		9		
SBCL	1203+76.0		1210+91.0	10 FT SKIP-DASHES	715.0	9		9		
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH										
SBCL	212+23.0		232+59.0	10 FT SKIP-DASHES	2039.0	26		26		
SBCL	233+73.0		251+44.0	10 FT SKIP-DASHES	1774.0	23		23		
SBCL	252+53.0		265+85.0	10 FT SKIP-DASHES	1327.0	17		17		
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH										
SB ACCL LN	1182+50.0		1187+00.0	ACCEL LANE LINE	450.0	12		12		
SBLTL	1189+61.0		1191+10.0	LEFT TURN LANE LINE	149.0	4		4		
SBRTL	1189+61.0		1193+20.0	RIGHT TURN LANE LINE	359.0	9		9		
SBLTL	1196+08.0		1198+62.0	LEFT TURN LANE LINE	254.0	7		7		
SBRTL	1196+08.0		1198+62.0	RIGHT TURN LANE LINE	254.0	7		7		
SBLTL	1203+76.0		1206+01.0	LEFT TURN LANE LINE	225.0	6		6		
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH										
SBLTL	212+23.0		213+27.0	LEFT TURN LANE LINE	107.0	3		3		
SBLTL	216+87.0		218+00.0	LEFT TURN LANE LINE	113.0	3		3		
SBLTL	221+77.0		224+76.0	LEFT TURN LANE LINE	299.0	8		8		
SBLTL	233+73.0		235+60.0	LEFT TURN LANE LINE	190.0	5		5		
SBLTL	243+14.0		245+56.0	LEFT TURN LANE LINE	242.0	7		7		
SBLTL	252+53.0		254+50.0	LEFT TURN LANE LINE	192.0	5		5		
SBRTL	252+53.0		254+88.0	RIGHT TURN LANE LINE	230.0	6		6		
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH										
EBTL	BARNETT AVE EAST LEG			3 X TURN LANE LINES	14.5	3		3		
WBTL	BARNETT AVE WEST LEG			2 X TURN LANE LINES	98.0	6		6		
EBCL	BARNETT AVE WEST LEG			10 FT SKIP-DASHES	87.6	2		2		
SUB-TOTAL						481		481	0	0
TOTAL						481		481		

CURB REFLECTORS							
LANE	STATION	TO	STATION	LENGTH (FOOT)	CURB REFLECTORS (EACH)		
					CRYSTAL 1-WAY	AMBER 1-WAY	
NB MEDIAN	1158+11.3		1179+02.5	2091.2		53	
NB MEDIAN	1179+02.5		1187+99.6	897.1		23	
NB MEDIAN TURN LANE	1180+45.5		1187+99.6	754.1		38	
NB MEDIAN	1189+54.6		1191+06.9	152.2		4	
NB MEDIAN TURN LANE	1191+06.9		1192+99.2	192.3		10	
NB MEDIAN	1192+99.2		1194+78.4	179.2		5	
NB MEDIAN	1196+15.7		1198+87.0	271.4		7	
NB MEDIAN TURN LANE	1198+87.0		1202+64.3	377.3		19	
NB MEDIAN	1203+78.5		1204+75.5	97.0		3	
NB MEDIAN	1204+75.5		1207+08.8	233.4		6	
NB MEDIAN TURN LANE	1207+08.8		1210+86.9	378.1		19	
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH							
NB MEDIAN	212+20.2		213+30.1	109.9		3	
NB MEDIAN TURN LANE	213+30.1		215+87.6	257.5		13	
NB MEDIAN	216+95.7		218+00.2	104.5		3	
NB MEDIAN TURN LANE	218+00.2		220+74.3	274.1		14	
NB MEDIAN	221+86.3		227+82.0	595.6		15	
NB MEDIAN TURN LANE	227+82.0		232+58.0	476.0		24	
NB MEDIAN	233+75.7		236+04.4	228.7		6	
NB MEDIAN TURN LANE	236+04.4		242+07.5	603.2		31	
NB MEDIAN	243+22.9		245+55.3	232.4		6	
NB MEDIAN TURN LANE	245+55.3		251+37.8	582.4		30	
NB MEDIAN	252+63.1		264+77.0	1213.8		31	
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH							
SB MEDIAN	264+77.0		256+79.7	797.3		20	
SB MEDIAN TURN LANE	256+79.7		252+63.5	416.2		21	
SB MEDIAN	251+38.1		247+29.7	408.4		11	
SB MEDIAN TURN LANE	247+29.7		243+23.2	406.6		21	
SB MEDIAN	242+08.0		237+70.0	438.0		11	
SB MEDIAN TURN LANE	237+70.0		233+75.8	394.2		20	
SB MEDIAN	232+58.4		226+44.1	614.3		16	
SB MEDIAN TURN LANE	226+44.1		221+86.7	457.4		23	
SB MEDIAN	220+74.6		219+44.2	130.3		4	
SB MEDIAN TURN LANE	219+44.2		216+95.9	248.4		13	
SB MEDIAN	215+88.4		214+52.5	135.8		4	
SB MEDIAN TURN LANE	214+52.5		212+20.5	232.0		12	
STATION EQUATION: 1212+00.01 BK = 212+01.00 AH							
SB MEDIAN	1210+87.4		1207+47.8	339.6		9	
SB MEDIAN TURN LANE	1207+47.8		1204+11.5	336.3		17	
SB MEDIAN	1204+11.5		1203+78.8	32.7		1	
SB MEDIAN	1202+64.8		1200+21.6	243.2		7	
SB MEDIAN TURN LANE	1200+21.6		1196+16.0	405.6		21	
SB MEDIAN	1194+78.0		1192+56.4	221.6		6	
SB MEDIAN TURN LANE	1192+56.4		1189+54.7	301.7		16	
SB MEDIAN	1188+00.4		1177+16.9	1083.5		28	
SB MEDIAN	1177+16.9		1158+11.3	1905.6		48	
RAMPED NOSE S OF BARNETT AVE							3
ISLAND IN SW QUAD OF BARNETT AVE							30
RAMPED NOSE N OF BARNETT AVE							3
RAMPED NOSE S OF LUCILE AVE							3
RAMPED NOSE N OF LUCILE AVE							3
RAMPED NOSE S OF MARION AVE							3
RAMPED NOSE N OF MARION AVE							3
RAMPED NOSE S OF WEAVER RD							3
RAMPED NOSE N OF WEAVER RD							3
RAMPED NOSE S OF PRIVATE ENTRANCE							3
RAMPED NOSE N OF PRIVATE ENTRANCE							3
RAMPED NOSE S OF MAGNOLIA DR							3
RAMPED NOSE N OF MAGNOLIA DR							3
RAMPED NOSE S OF COX ST							3
RAMPED NOSE N OF COX ST							3
RAMPED NOSE SOUTH OF RUEHL AVE							3
RAMPED NOSE NORTH OF RUEHL AVE							3
RAMPED NOSE S OF SHAFFER ST							3
RAMPED NOSE N OF SHAFFER ST							3
RAMPED NOSE AT NORTH END OF PROJECT							5
SUB-TOTAL						30	751
TOTAL							781

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USER NAME = jessica.wille	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	30
CONTRACT NO. 74828				
ILLINOIS		FED. AID PROJECT		

PCC MEDIAN REMOVAL					
STATION	TO	STATION	TYPE	MEASURED IN CADD AREA (SQ FT)	
1158+11.3		1172+50.0	PCC MEDIAN	18,468.0	
1172+50.0		1188+00.0	STAMPED MEDIAN	20,161.8	
1189+54.6		1194+73.2	STAMPED MEDIAN	4,669.2	
1196+15.8		1202+64.6	STAMPED MEDIAN	5,604.9	
1203+78.6		1210+87.1	STAMPED MEDIAN	5,283.3	
212+20.4		215+88.0	STAMPED MEDIAN	1,700.5	
216+95.8		220+74.4	STAMPED MEDIAN	1,771.5	
221+86.5		232+58.2	STAMPED MEDIAN	8,873.3	
233+75.8		242+07.8	STAMPED MEDIAN	3,920.4	
243+23.0		251+38.0	STAMPED MEDIAN	3,792.1	
252+63.2		264+77.0	PCC MEDIAN	16,976.8	
WEST LEG BARNETT				STAMPED/PCC MEDIAN	934.4
MEDIAN RAMPED NOSES					
SOUTH OF BARNETT AVE					74.2
NORTH OF BARNETT AVE					53.0
SOUTH OF LUCILLE AVE					102.9
NORTH OF LUCILLE AVE					86.0
SOUTH OF MARION AVE					73.9
NORTH OF MARION AVE					55.0
SOUTH OF WEAVER RD					63.7
NORTH OF WESVER RD					54.1
SOUTH OF PE					52.0
NORTH OF PE					53.9
SOUTH OF MAGNOLIA DR					53.8
NORTH OF MAGNOLIA DR					54.1
SOUTH OF COX ST					54.3
NORTH OF COX ST					55.1
SOUTH OF RUEHL					64.5
NORTH OF RUEHL					53.9
SOUTH OF SHAFFER					63.9
NORTH OF SHAFFER					53.9
NORTH END OF PROJECT					479.4
MEDIAN REMOVAL FOR SW AT BARNETT					84.8
MEDIAN REMOVAL TOTAL					93,842.6
ROUND TO					93,843.0

PCC MEDIAN					
STATION	TO	STATION	TYPE	MEASURED IN CADD AREA (SQ FT)	
1158+11.3		1172+50.0	PCC MEDIAN	18,468.0	
1172+50.0		1188+00.0	STAMPED MEDIAN	23,413.8	
1189+54.6		1194+78.2	STAMPED MEDIAN	4,684.4	
1196+15.8		1202+64.6	STAMPED MEDIAN	5,725.0	
1203+78.6		1210+87.1	STAMPED MEDIAN	5,850.0	
212+20.4		215+88.0	STAMPED MEDIAN	1,718.1	
216+95.8		220+74.4	STAMPED MEDIAN	1,805.6	
221+86.5		232+58.2	STAMPED MEDIAN	8,801.9	
233+75.8		242+07.8	STAMPED MEDIAN	4,104.9	
243+23.0		251+38.0	STAMPED MEDIAN	3,913.8	
252+63.2		264+77.0	PCC MEDIAN	16,976.8	
BARNETT AVE SW ISLAND				STAMPED ISLAND	1,568.4
BARNETT AVE W MEDIAN				STAMPED MEDIAN	615.8
BARNETT AVE W MEDIAN				PCC MEDIAN	318.6
LUCILE SW ISLAND				STAMPED ISLAND	117.9
W MENARDS DR ISLAND				STAMPED ISLAND	476.0
MEDIAN RAMPED NOSES					
SOUTH OF BARNETT AVE				PCC MEDIAN	50.3
NORTH OF BARNETT AVE				PCC MEDIAN	50.3
SOUTH OF LUCILLE AVE				PCC MEDIAN	51.5
NORTH OF LUCILLE AVE				PCC MEDIAN	51.5
SOUTH OF MARION AVE				PCC MEDIAN	47.2
NORTH OF MARION AVE				PCC MEDIAN	48.2
SOUTH OF WEAVER RD				PCC MEDIAN	47.4
NORTH OF WESVER RD				PCC MEDIAN	62.0
SOUTH OF PE				PCC MEDIAN	66.1
NORTH OF PE				PCC MEDIAN	50.9
SOUTH OF MAGNOLIA DR				PCC MEDIAN	51.0
NORTH OF MAGNOLIA DR				PCC MEDIAN	51.0
SOUTH OF COX ST				PCC MEDIAN	92.5
NORTH OF COX ST				PCC MEDIAN	53.5
SOUTH OF RUEHL				PCC MEDIAN	80.8
NORTH OF RUEHL				PCC MEDIAN	71.1
SOUTH OF SHAFFER				PCC MEDIAN	79.5
NORTH OF SHAFFER				PCC MEDIAN	56.1
NORTH END OF PROJECT				PCC MEDIAN	490.9
PCC MEDIAN TOTAL					37,315.2
PCC MEDIAN (ROUNDED)					37,316.0
STAMPED MEDIAN TOTAL					62,795.6
STAMPED MEDIAN (ROUNDED)					62,796.0

PCC ISLAND	
LOCATION	PCC ISLAND REMOVAL AREA MEASURED IN CADD (SQ FT)
WEST LEG BARNETT	127.5
SW LUCILE ISLAND	170.3
WEST LEG MENARDS DR	476.0
TOTAL	773.8
ROUND TO	774.0

ADA SIDEWALKS			
LOCATION	PCC SIDEWALK 6 INCH AREA (SQ FT)	SIDEWALK REMOVAL AREA (SQ FT)	DETECTABLE WARNING AREA (SQ FT)
NE QUAD RUEHL ST	111.1	207.1	10.0
SW QUAD RUEHL ST	151.1	144.3	10.0
SE QUAD RUEHL ST	295.9	248.5	10.0
SW QUAD COX ST	81.7	80.9	10.0
SE QUAD COX ST	135.5	113.6	10.0
NW QUAD WEAVER RD	148.3	152.4	17.4
NE QUAD WEAVER RD	166.1	168.9	16.0
NW QUAD MARION AVE	164.1	153.8	15.9
NE QUAD MARION AVE	121.1		10.8
NE QUAD BARNETT AVE	279.1		29.1
N MEDIAN @ BARNETT AVE	84.8		40.3
NW QUAD BARNETT AVE	195.1		23.2
TOTAL =	1,933.9	1,269.5	202.7
ROUND TO:	1,934.0	1,270.0	203.0

MEDIAN INFORMATION (FOR INFORMATION ONLY)		
MEDIAN LOCATION	ESTIMATED AREA OF ADDITIONAL MEDIAN WIDTH NEEDED (FOR INFORMATION ONLY) (SQ FT)	ESTIMATED AREA OF ADDITIONAL PAVEMENT SURFACE NEEDED (FOR INFORMATION ONLY) (SQ FT)
SOUTH PROJECT LIMITS - BARNETT AVE.	393	252
BARNETT AVE - LUCILE AVE.	116	160
LUCILE AVE. - MARION AVE	296	220
MARION AVE. - WEAVER RD.	380	1,213
WEAVER RD. - EAST PRIVATE ENTRANCE	87	57
EAST PRIVATE ENTRANCE - MAGNOLIA DR.	125	89
MAGNOLIA DR. - COX ST.	208	457
COX ST. - FORSYTH PKWY./RUEHL ST.	231	114
FORSYTH PKWY./RUEHL ST. - FORSYTH RD./SHAFFER ST.	186	95
FORSYTH RD./SHAFFER ST. - NORTH PROJECT LIMITS		241
TOTAL =	2,022	2,898

SODDING										
DIRECTION	STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	CURB ELEVATION CHANGE (FOOT)	AVERAGE DEPTH OF TOPSOIL BENEATH SODDING (FOR INFORMATION ONLY) (FOOT)	AREA (SQ FT)	SODDING (SQ YD)	TOPSOIL QUANTITY (FOR INFORMATION ONLY) (CU YD)
NB	1189+35.00		1195+06.00	571.0	4.0	2.25	0.10	2,284.0	253.8	8.8
NB	1211+86.00		1212+00.01	14.0	4.0	0.75	----	56.0	6.2	----
NB	212+01.00		215+81.00	380.0	4.0	0.75	----	1,520.0	168.9	----
NB	215+81.00		221+09.00	528.0	4.0	2.25	0.10	2,112.0	234.7	8.2
NB	221+60.00		232+64.00	1,104.0	4.0	2.25	0.10	4,416.0	490.7	17.1
NB	233+46.00		242+24.00	878.0	4.0	2.25	0.10	3,512.0	390.2	13.6
NB	242+90.00		245+71.00	281.0	4.0	2.25	0.10	1,124.0	124.9	4.4
NB	246+24.00		247+06.00	82.0	4.0	2.25	0.10	328.0	36.4	1.3
NB	247+06.00		251+39.00	433.0	4.0	3.75	0.23	1,732.0	192.4	14.7
NB	252+74.00		260+00.00	726.0	4.0	3.75	0.23	2,904.0	322.7	24.7
SB	1210+21.00		1212+00.01	179.0	4.0	3.75	0.23	716.0	79.6	6.1
SB	212+01.00		226+18.00	1,417.0	4.0	3.75	0.23	5,668.0	629.8	48.2
SB	226+96.00		232+65.00	569.0	4.0	3.75	0.23	2,276.0	252.9	19.3
SB	233+70.00		242+27.00	857.0	4.0	3.75	0.23	3,428.0	380.9	29.1
SB	242+94.00		251+27.00	833.0	4.0	3.75	0.23	3,332.0	370.2	28.3
SB	252+60.00		260+00.00	740.0	4.0	3.75	0.23	2,960.0	328.9	25.2
TOTAL =									4,263.1	249.0
ROUND TO:									4,264.0	249.0

NOTE: ALL AREAS MEASURED IN CADD AND ARE SUBJECT TO VARIABILITY IN FIELD.
 MEDIAN AREAS INCLUDE AREA OF PROPOSED COMBINATION CURB & GUTTER AT NOMINAL DIMENSIONS LISTED IN THE PLANS.

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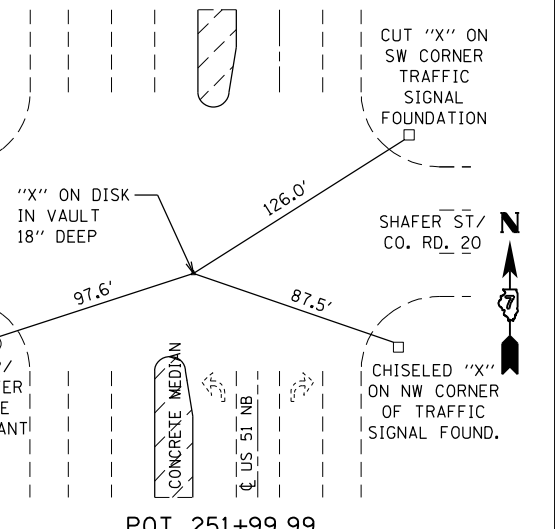
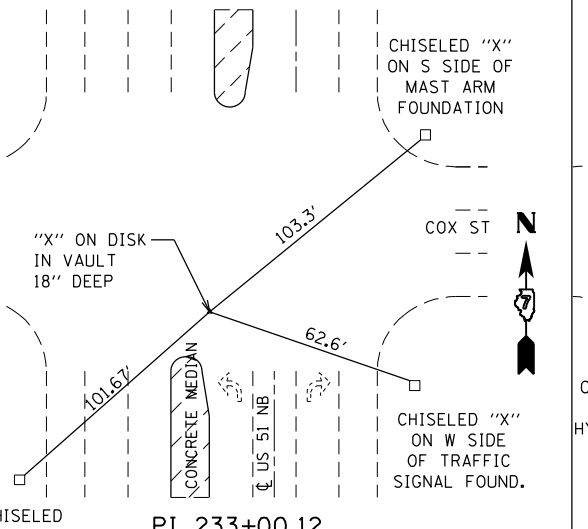
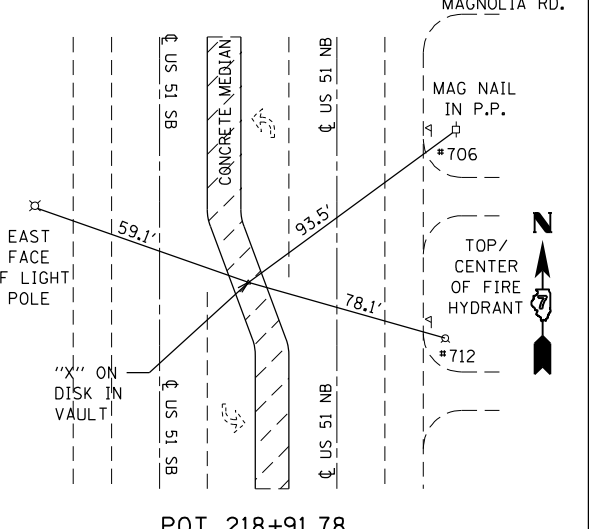
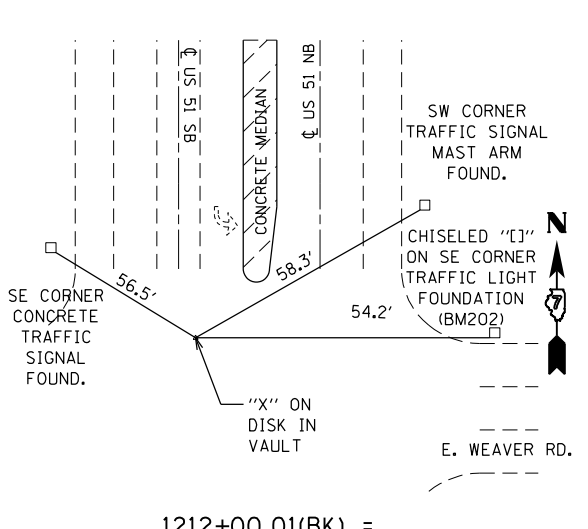
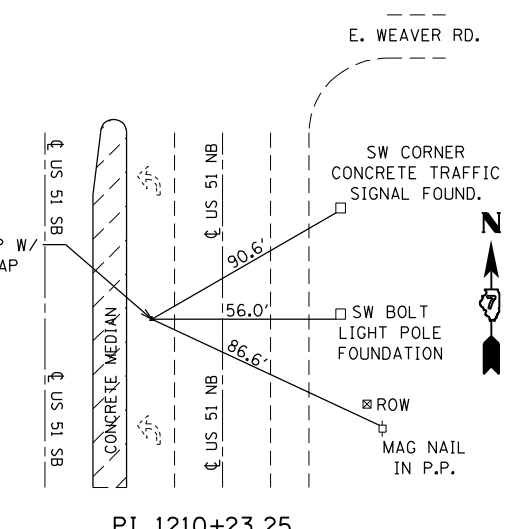
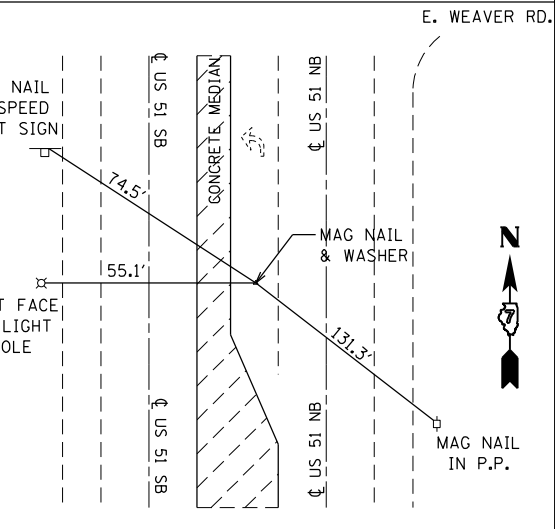
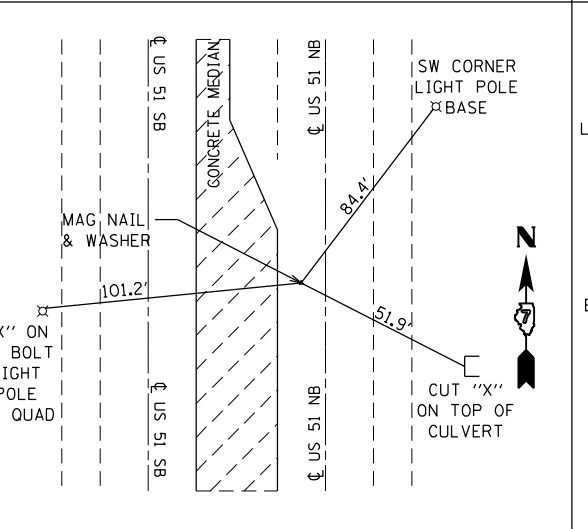
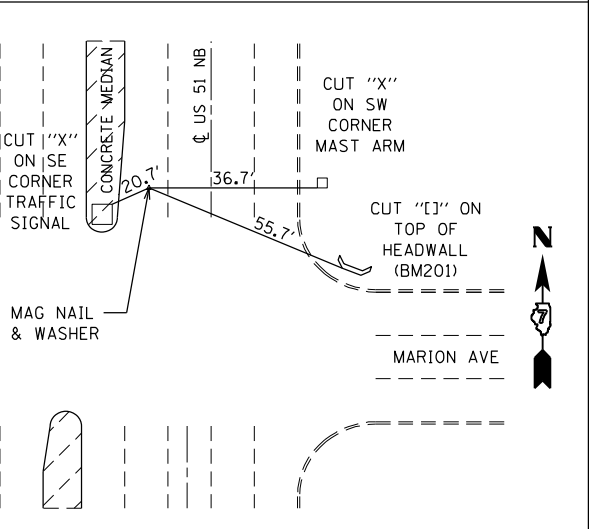
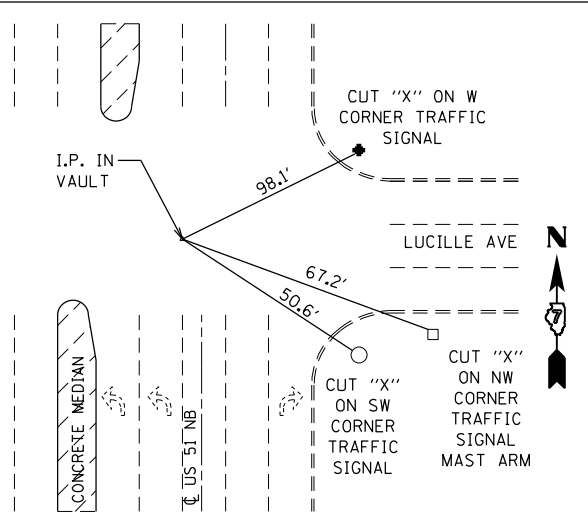
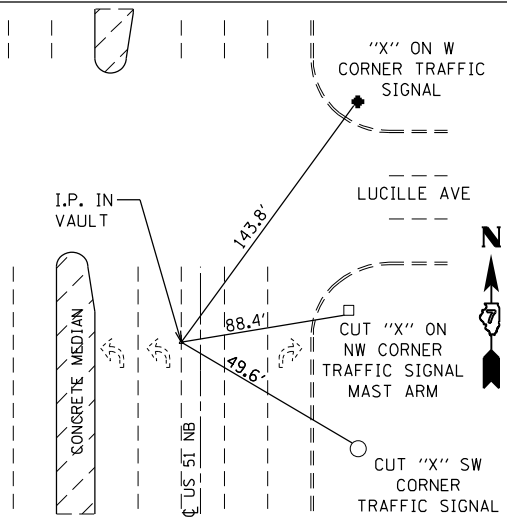
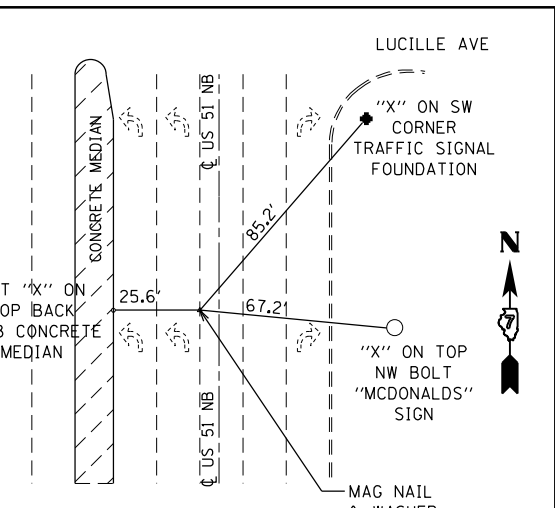
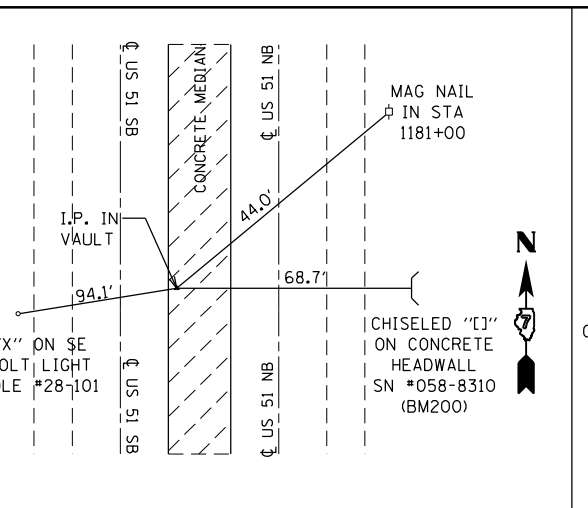
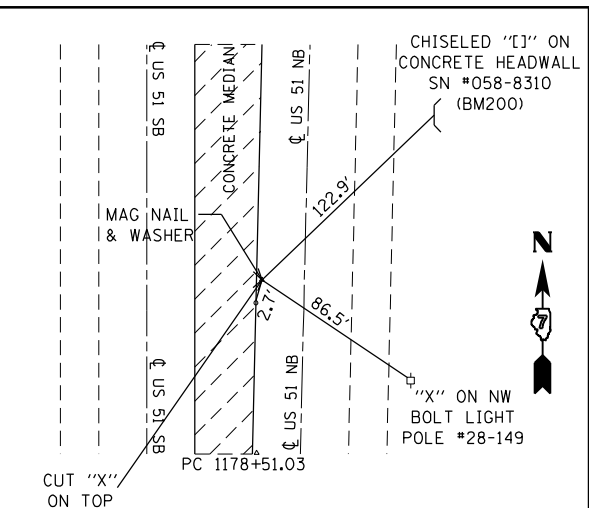
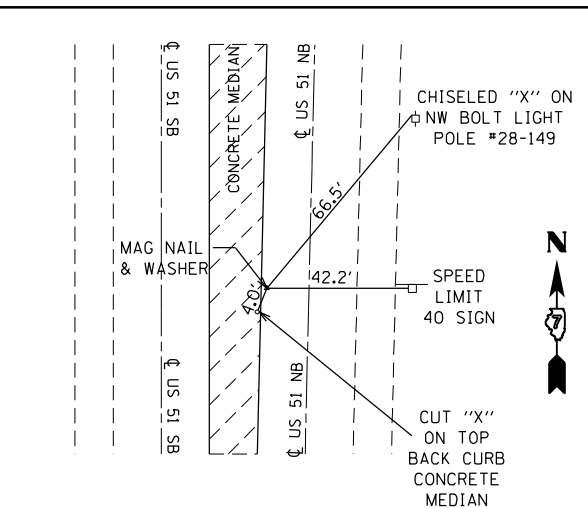
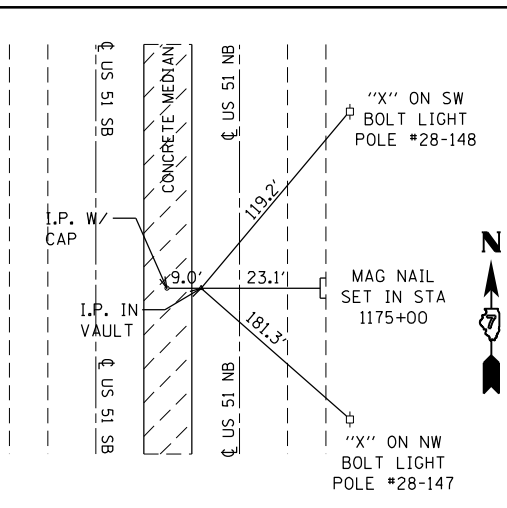
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 322	SECTION (50R-1,R-2)RS-2,N-1	COUNTY MACON	TOTAL SHEETS 111	SHEET NO. 32
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS TIES

USER NAME = jessica.wille	DESIGNED -	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
F.A.P. RTE. 322	SECTION (50R-1,R-2)RS-2,N-1	COUNTY MACON	TOTAL SHEETS 111	SHEET NO. 33	CONTRACT NO. 74828	
ILLINOIS FED. AID PROJECT						

BENCHMARK	STATION	OFFSET	ELEVATION	DESCRIPTION
200	1180+65	45.7' RT. OF NBDL US 51 EOP	651.818	CUT SQUARE ON THE CENTER OF CONCRETE HEADWALL OF A 6X8 SKEWED DOUBLE BOX CULVERT RT OF US 51 IN FRONT OF BEST BUY AND PET SMART IN FORSYTH
BM 201	1203+76	23.3' RT. OF NBDL US 51 EOP	670.733	CUT SQUARE IN THE NE CORNER OF THE CONCRETE HEADWALL OF A 24" CONCRETE PIPE CULVERT ON THE NE QUAD OF US 51/ MARION AVENUE
BM 202	1211+93	17.0' RT. OF NBDL US 51 EOP	675.195	CUT SQUARE ON THE SE CORNER OF THE CONCRETE FOUNDATION OF THE N X-WALK SIGNAL POST IN THE NE QUAD US 51/ WEAVER ROAD
BM 203	N/A	51.6' RT. OF SBDL US 51 EOP	675.463	CUT SQUARE ON THE SE CORNER OF THE CONCRETE FOUNDATION OF THE MENARDS SIGN IN THE SW QUAD OF US 51/ COX STREET
BM 204	N/A	58.5' RT. OF NBDL US 51 EOP	672.706	CHISELED "X" ON THE TOP WEST/ NORTH BOLT OF A FIRE HYDRANT IN THE SE QUAD OF US 51/ RUEHL STREET, 30.7' SOUTH OF THE CL OF RUEHL STREET
BM 205	281+04	45.3' LT. OF SBDL US 51 EOP	682.900	RR SPIKE IN THE EAST FACE OF POWER POLE. POLE IS THE 1ST POLE NORTH OF FORSYTH ON THE WEST SIDE OF US 51 IN THE NE CORNER OF RESIDENTIAL LOT
BM 206	308+79	30.3' RT. OF NBDL US 51 EOP	674.611	CUT SQUARE ON THE CENTER OF THE CONCRETE HEADWALL OF A 4X8 BOX CULVERT. STRUCTURE NO. 058-8621
BM 207	330+83	30.2' RT. OF NBDL US 51 EOP	675.800	CUT SQUARE ON THE CENTER OF THE CONCRETE HEADWALL OF A 4X8 BOX CULVERT IN THE SE QUAD OF US 51/ SPACEMARK ROAD. STRUCTURE NO. 058-8622
BM 208	358+01	28.1' RT. OF NBDL US 51 EOP	678.556	CUT SQUARE IN THE TOP CENTER OF A 30" PIPE CULVERT IN THE SE QUAD OF US 51/ WISE ROAD. APPROXIMATELY 2' WEST OF EAST END PIPE
BM 209	387+15	25.8' RT. OF NBDL US 51 EOP	684.724	CUT SQUARE IN THE CENTER OF THE CONCRETE HEADWALL OF A 4X3 BOX CULVERT
BM 210	412+70	30.9' RT. OF NBDL US 51 EOP	680.159	CUT SQUARE IN THE CENTER OF THE CONCRETE HEADWALL OF A 3X6 BOX CULVERT. STRUCTURE NO. 058-8625
BM 211	430+18	31.1' RT. OF NBDL US 51 EOP	680.366	CUT SQUARE IN THE CENTER OF THE CONCRETE HEADWALL OF A 3X6 BOX CULVERT. STRUCTURE NO. 058-8626
BM 212	463+35	18.4' RT. OF NBDL US 51 EOP	690.957	CUT SQUARE IN THE CENTER OF THE CONCRETE HEADWALL OF A 3X6 BOX CULVERT IN THE SE QUAD OF US 51/ HAMPSHIRE ROAD. STRUCTURE NO. 058-8627
BM 213	181+10	36.7' RT. OF NBDL US 51 EOP		CUT SQUARE IN THE WEST SIDE OF THE WEST SIGN FOUNDATION OF THE "MAROA, WOOD STREET 1/4 MILE" SIGN
BM 214	210+09	40.5' RT. OF NBDL US 51 EOP		CUT SQUARE IN THE CENTER OF THE CONCRETE HEADWALL OF A 4X3 BOX CULVERT BETWEEN WOOD AND WASHINGTON STREET EXITS OFF OF NEW US 51
BM 215	267+12	10.9' RT. OF NBDL US 51 EOP		CUT SQUARE IN THE SW CORNER OF THE SE APPROACH PAVEMENT PARAPET WALL OF THE US 51 NB. STRUCTURE NO. 058-0118
BM 216	285+16	29.7' RT. OF NBRTL US 51 EOP		CUT SQUARE IN THE CENTER OF CONCRETE HEADWALL OF A 48" CONCRETE PIPE CULVERT. STRUCTURE NO. 058-8801, SOUTH OF THE LAKE FORK ROAD EXIT OFF OF US 51
BM 217	2789' EAST OF US 51	73.4' RT. OF NBRTL US 51 EOP		CHISELED "X" IN THE WEST NORTH BOLT ON TOP OF THE FIRE HYDRANT IN THE SE QUAD OF LAKE FORK ROAD/ WOOD STREET INTERSECTION EAST OF US 51

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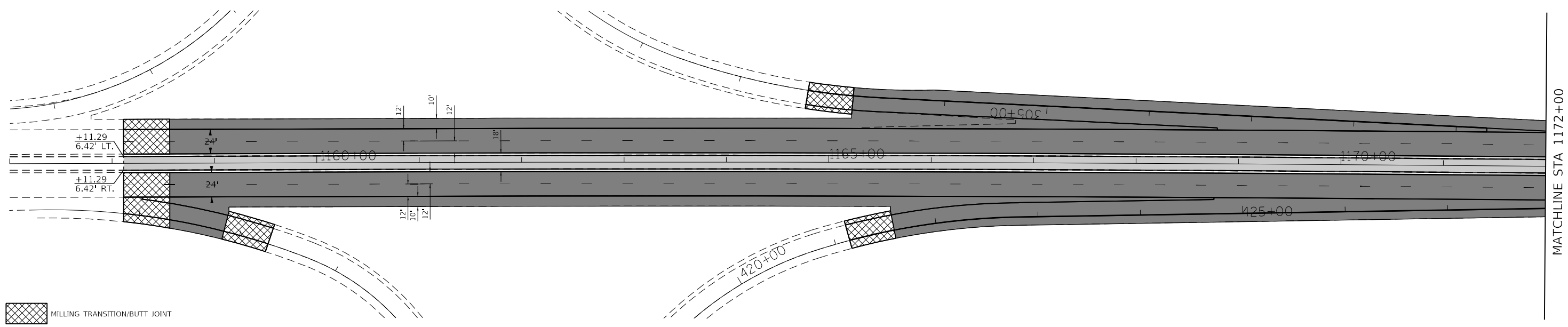
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BENCHMARKS

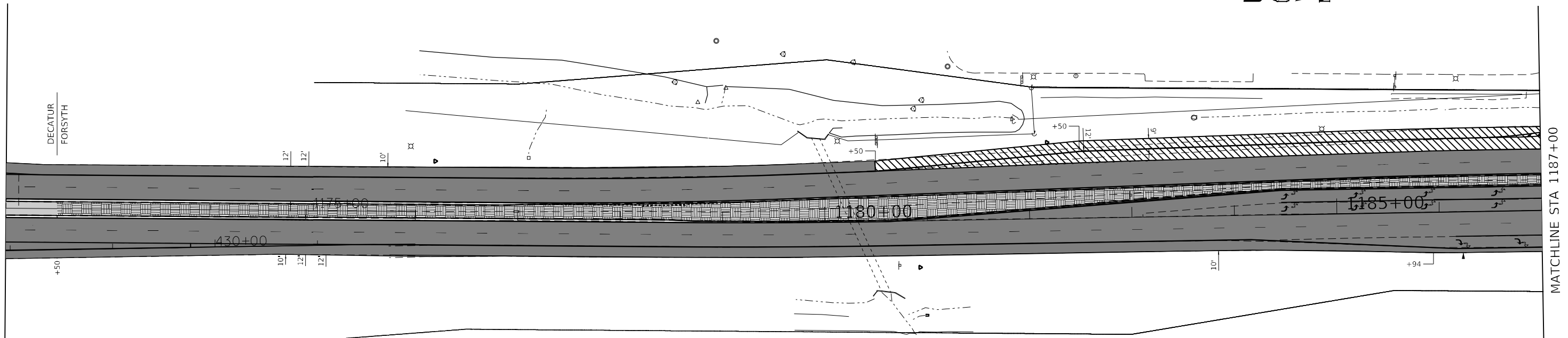
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	34
			CONTRACT NO. 74828	
		ILLINOIS	FED. AID PROJECT	



- MILLING TRANSITION/BUTT JOINT
- HMA SURFACE REMOVAL, 1 1/2"
- CONCRETE MEDIAN SURFACE, 4"
- HMA SURFACE REMOVAL, 3"
- STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"
- SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
- PCC PAVEMENT 11"

MATCHLINE STA 1172+00



- MILLING TRANSITION/BUTT JOINT
- HMA SURFACE REMOVAL, 1 1/2"
- CONCRETE MEDIAN SURFACE, 4"
- HMA SURFACE REMOVAL, 3"
- STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"
- SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
- PCC PAVEMENT 11"

MATCHLINE STA 1172+00

MATCHLINE STA 1187+00

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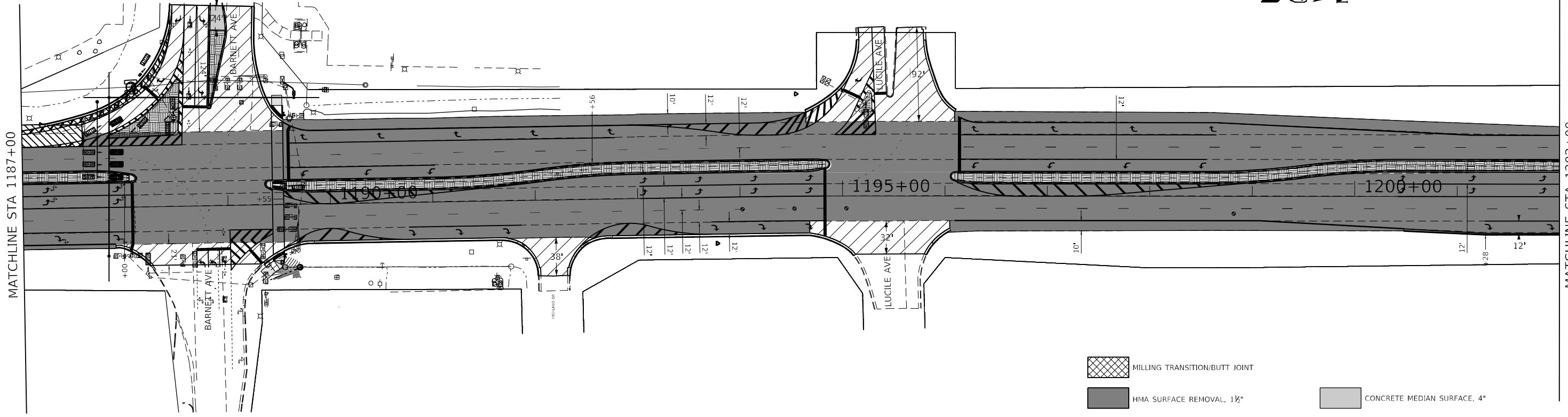
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - US 51

SCALE: SHEET OF SHEETS STA. TO STA.

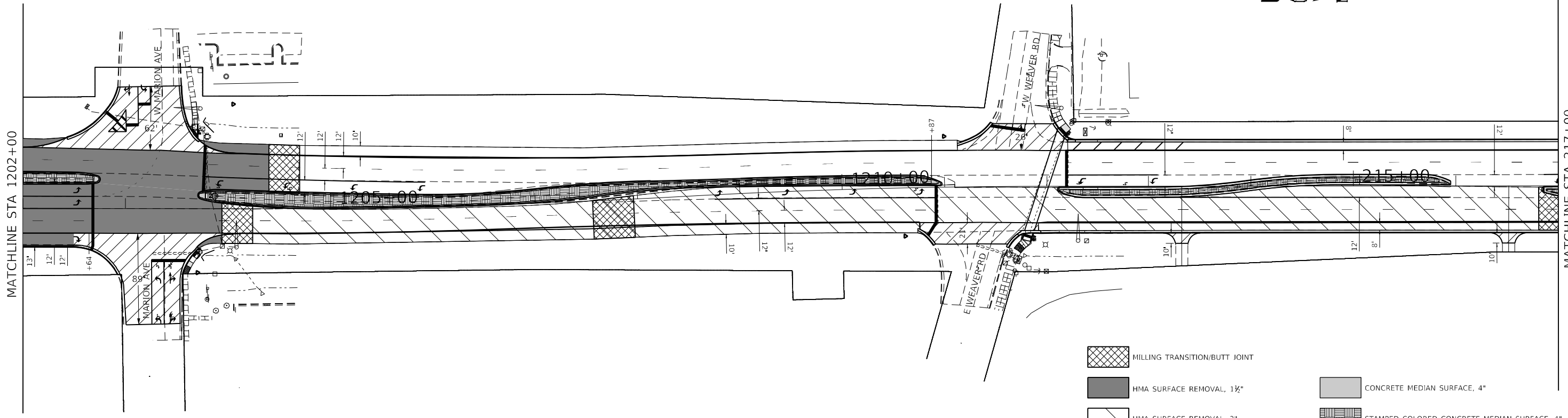
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	35
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA 1187+00

MATCHLINE STA 1202+00

- MILLING TRANSITION/BUTT JOINT
- HMA SURFACE REMOVAL, 1 1/2"
- HMA SURFACE REMOVAL, 3"
- SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
- CONCRETE MEDIAN SURFACE, 4"
- STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"
- PCC PAVEMENT 11"



MATCHLINE STA 1202+00

MATCHLINE STA 217+00

- MILLING TRANSITION/BUTT JOINT
- HMA SURFACE REMOVAL, 1 1/2"
- HMA SURFACE REMOVAL, 3"
- SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
- CONCRETE MEDIAN SURFACE, 4"
- STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"
- PCC PAVEMENT 11"

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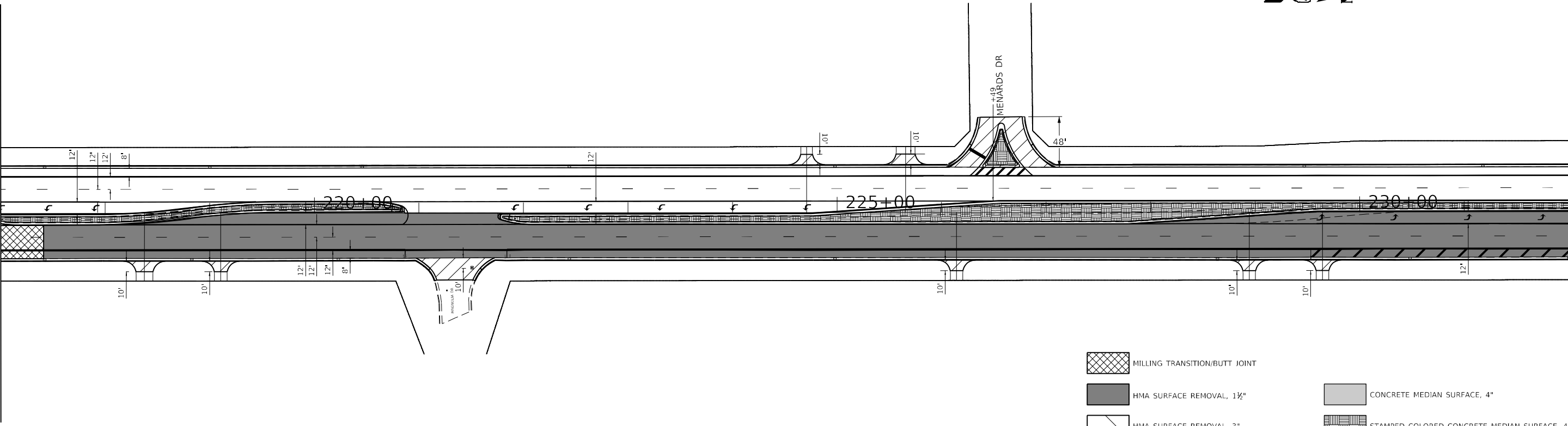
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - US 51








SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

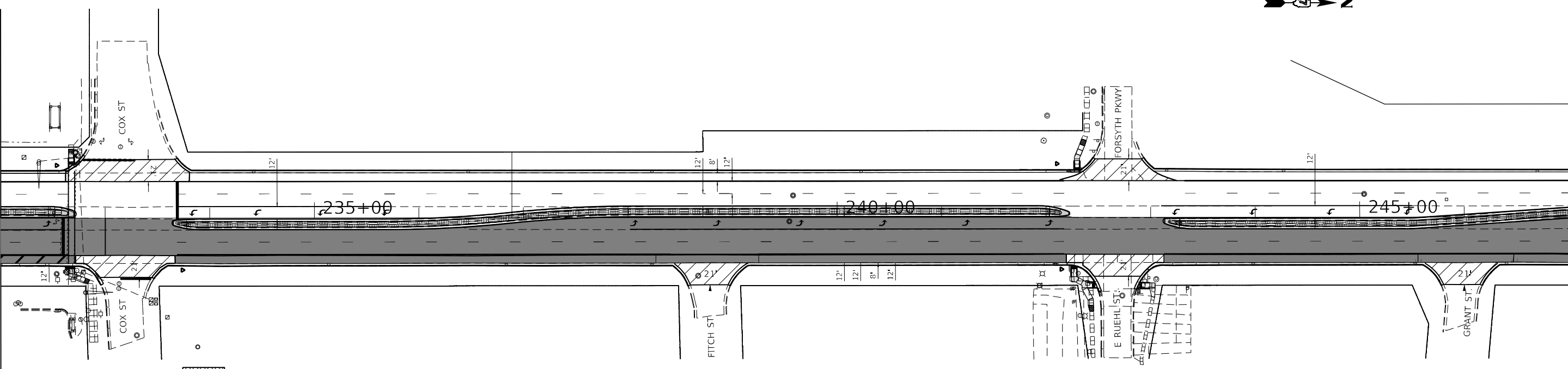
MATCHLINE STA 217+00










MATCHLINE STA 232+00

	MILLING TRANSITION/BUTT JOINT		CONCRETE MEDIAN SURFACE, 4"
	HMA SURFACE REMOVAL, 1 1/2"		STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"
	HMA SURFACE REMOVAL, 3"		PCC PAVEMENT 11"
	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)		

MATCHLINE STA 232+00



MATCHLINE STA 247+00

	MILLING TRANSITION/BUTT JOINT		CONCRETE MEDIAN SURFACE, 4"
	HMA SURFACE REMOVAL, 1 1/2"		STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"
	HMA SURFACE REMOVAL, 3"		PCC PAVEMENT 11"
	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)		

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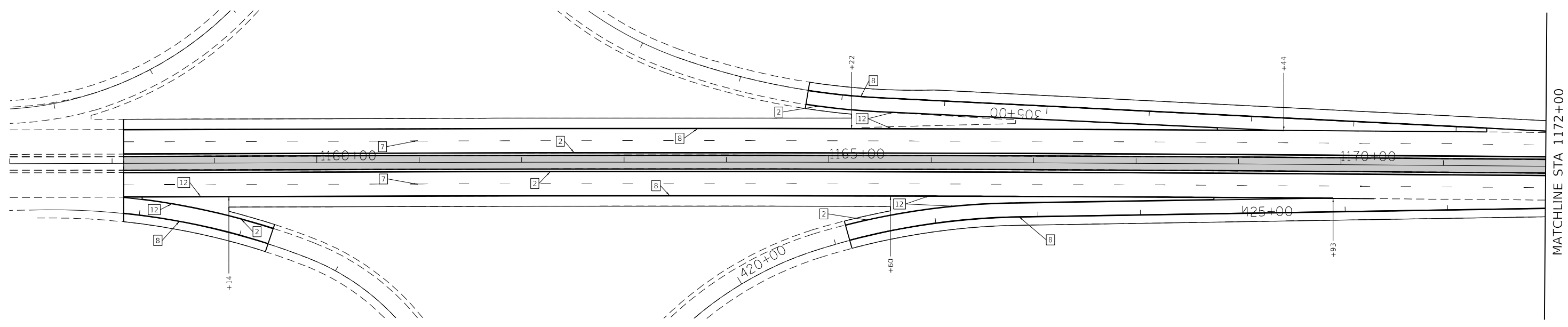
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PLOT DATE = 7/26/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - US 51

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 322	SECTION (50R-1,R-2)RS-2,N-1	COUNTY MACON	TOTAL SHEETS 111	SHEET NO. 37
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

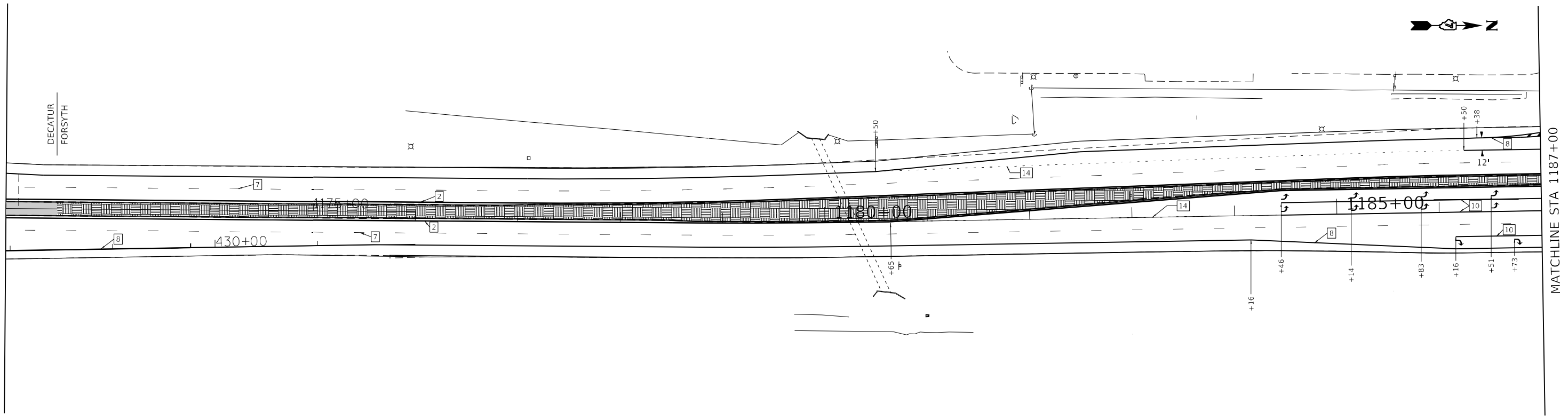


MATCHLINE STA 1172+00

PAVEMENT MARKING LEGEND

1 4" (100) SKIP-DASH (YELLOW)	3 12" (300) DIAGONAL (YELLOW)	5 12" (300) SOLID WHITE	7 6" (150) SKIP-DASH (WHITE)	9 12" (300) DIAGONAL (WHITE)	11 24" (600) STOP BAR (WHITE)	13 4" (100) PARKING WHITE
2 4" (100) SOLID (YELLOW)	4 4" (100) DOUBLE YELLOW (NARROW)	6 4" (100) DOUBLE YELLOW (WIDE)	8 4" (100) SOLID (WHITE)	10 6" (150) SOLID (WHITE)	12 8" (200) SOLID (WHITE)	14 LANE LINE EXTENSION (SEE DISTRICT DETAIL)

NOTE: SEE DISTRICT DETAIL NO. 78000001 FOR MORE DETAILS



MATCHLINE STA 1172+00

MATCHLINE STA 1187+00

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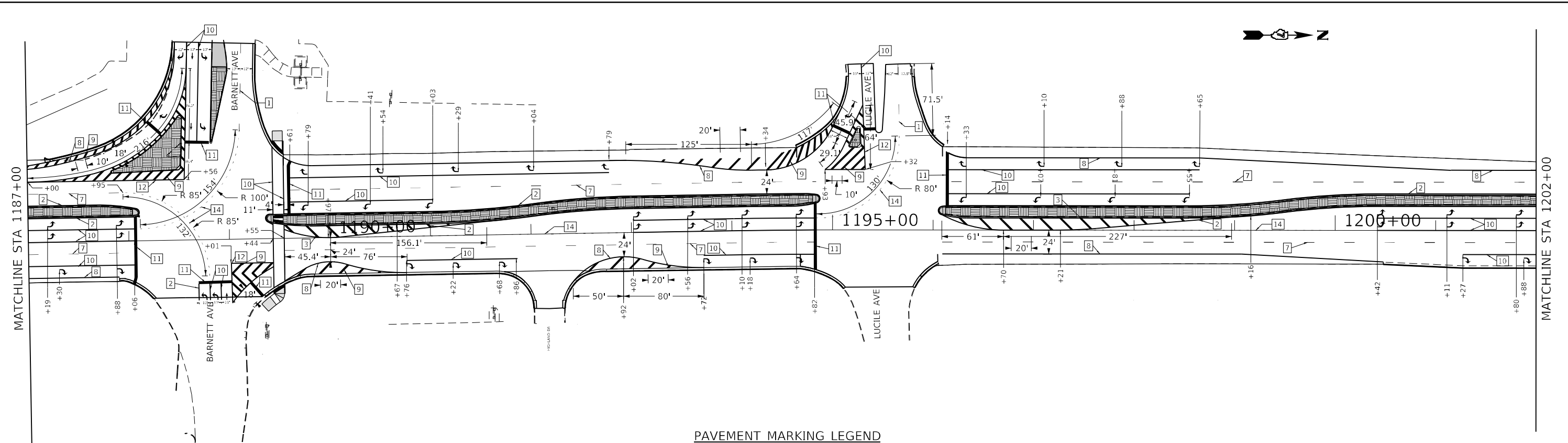
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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING DETAILS - US 51

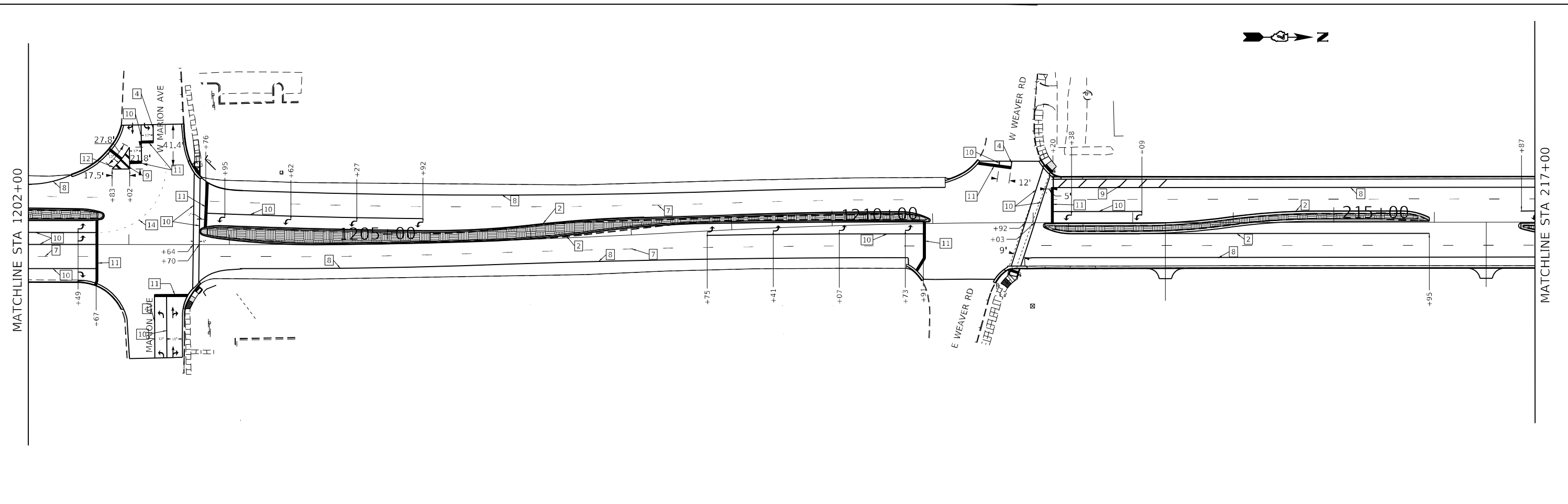
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	39
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- | | | | | | | |
|-------------------------------|-----------------------------------|---------------------------------|------------------------------|------------------------------|-------------------------------|----------------------------------------------|
| 1 4" (100) SKIP-DASH (YELLOW) | 3 12" (300) DIAGONAL (YELLOW) | 5 12" (300) SOLID WHITE | 7 6" (150) SKIP-DASH (WHITE) | 9 12" (300) DIAGONAL (WHITE) | 11 24" (600) STOP BAR (WHITE) | 13 4" (100) PARKING WHITE |
| 2 4" (100) SOLID (YELLOW) | 4 4" (100) DOUBLE YELLOW (NARROW) | 6 4" (100) DOUBLE YELLOW (WIDE) | 8 4" (100) SOLID (WHITE) | 10 6" (150) SOLID (WHITE) | 12 8" (200) SOLID (WHITE) | 14 LANE LINE EXTENSION (SEE DISTRICT DETAIL) |
- NOTE: SEE DISTRICT DETAIL NO. 78000001 FOR MORE DETAILS



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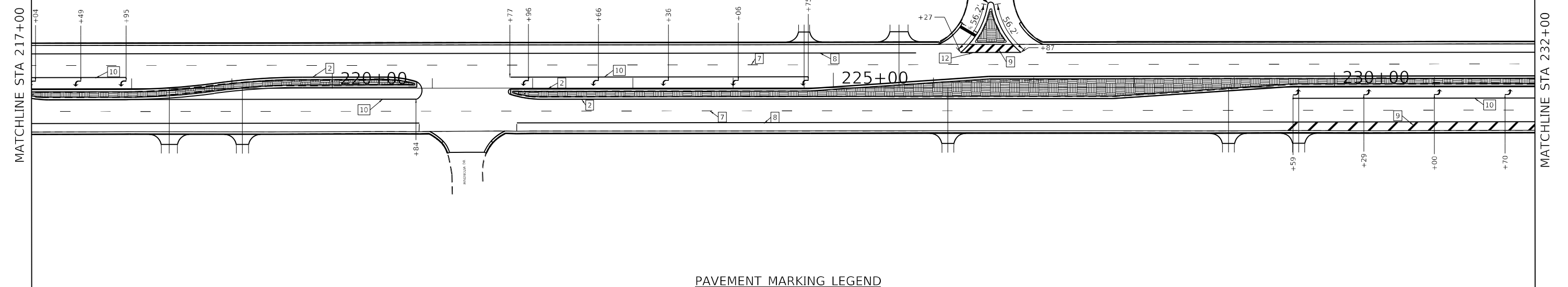
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING DETAILS - US 51

SCALE: SHEET OF SHEETS STA. TO STA.

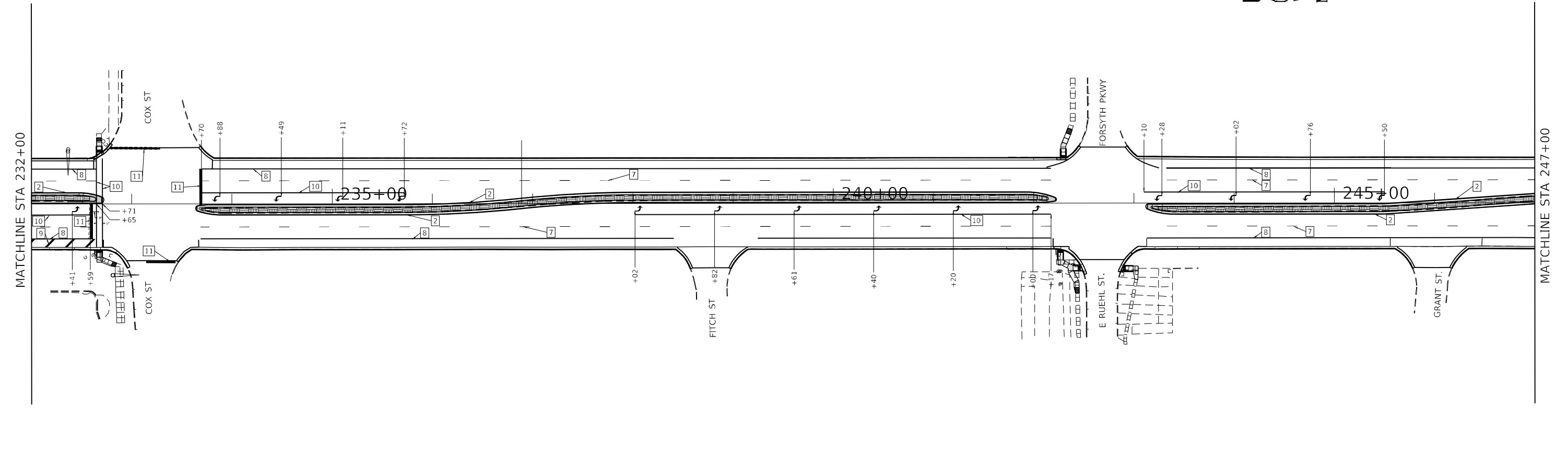
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	40
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

1 4" (100) SKIP-DASH (YELLOW)	3 12" (300) DIAGONAL (YELLOW)	5 12" (300) SOLID WHITE	7 6" (150) SKIP-DASH (WHITE)	9 12" (300) DIAGONAL (WHITE)	11 24" (600) STOP BAR (WHITE)	13 4" (100) PARKING WHITE
2 4" (100) SOLID (YELLOW)	4 4" (100) DOUBLE YELLOW (NARROW)	6 4" (100) DOUBLE YELLOW (WIDE)	8 4" (100) SOLID (WHITE)	10 6" (150) SOLID (WHITE)	12 8" (200) SOLID (WHITE)	14 LANE LINE EXTENSION (SEE DISTRICT DETAIL)

NOTE: SEE DISTRICT DETAIL NO. 78000001 FOR MORE DETAILS



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING DETAILS - US 51

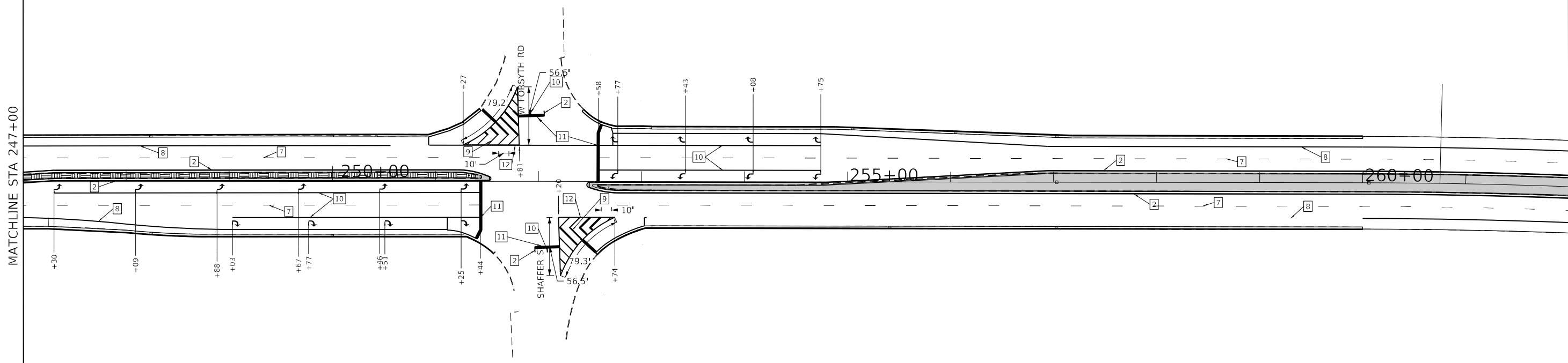
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	41
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA 247+00

MATCHLINE STA 262+00

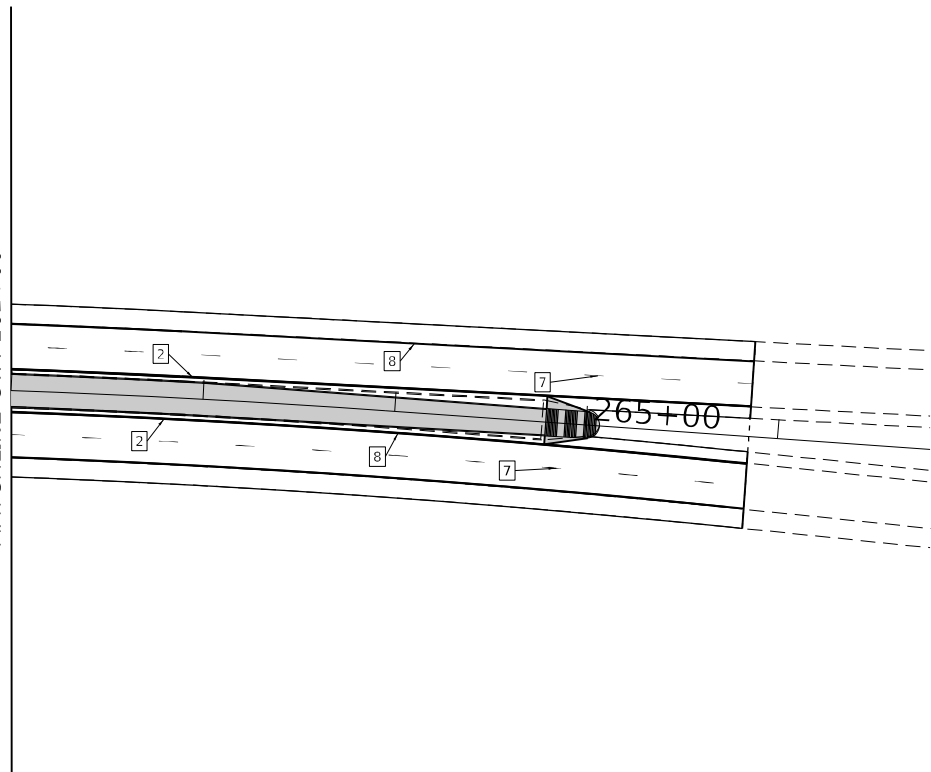


PAVEMENT MARKING LEGEND

- | | | | | | | |
|-------------------------------|-----------------------------------|---------------------------------|------------------------------|------------------------------|-------------------------------|----------------------------------------------|
| 1 4" (100) SKIP-DASH (YELLOW) | 3 12" (300) DIAGONAL (YELLOW) | 5 12" (300) SOLID WHITE | 7 6" (150) SKIP-DASH (WHITE) | 9 12" (300) DIAGONAL (WHITE) | 11 24" (600) STOP BAR (WHITE) | 13 4" (100) PARKING WHITE |
| 2 4" (100) SOLID (YELLOW) | 4 4" (100) DOUBLE YELLOW (NARROW) | 6 4" (100) DOUBLE YELLOW (WIDE) | 8 4" (100) SOLID (WHITE) | 10 6" (150) SOLID (WHITE) | 12 8" (200) SOLID (WHITE) | 14 LANE LINE EXTENSION (SEE DISTRICT DETAIL) |
- NOTE: SEE DISTRICT DETAIL NO. 78000001 FOR MORE DETAILS



MATCHLINE STA 262+00



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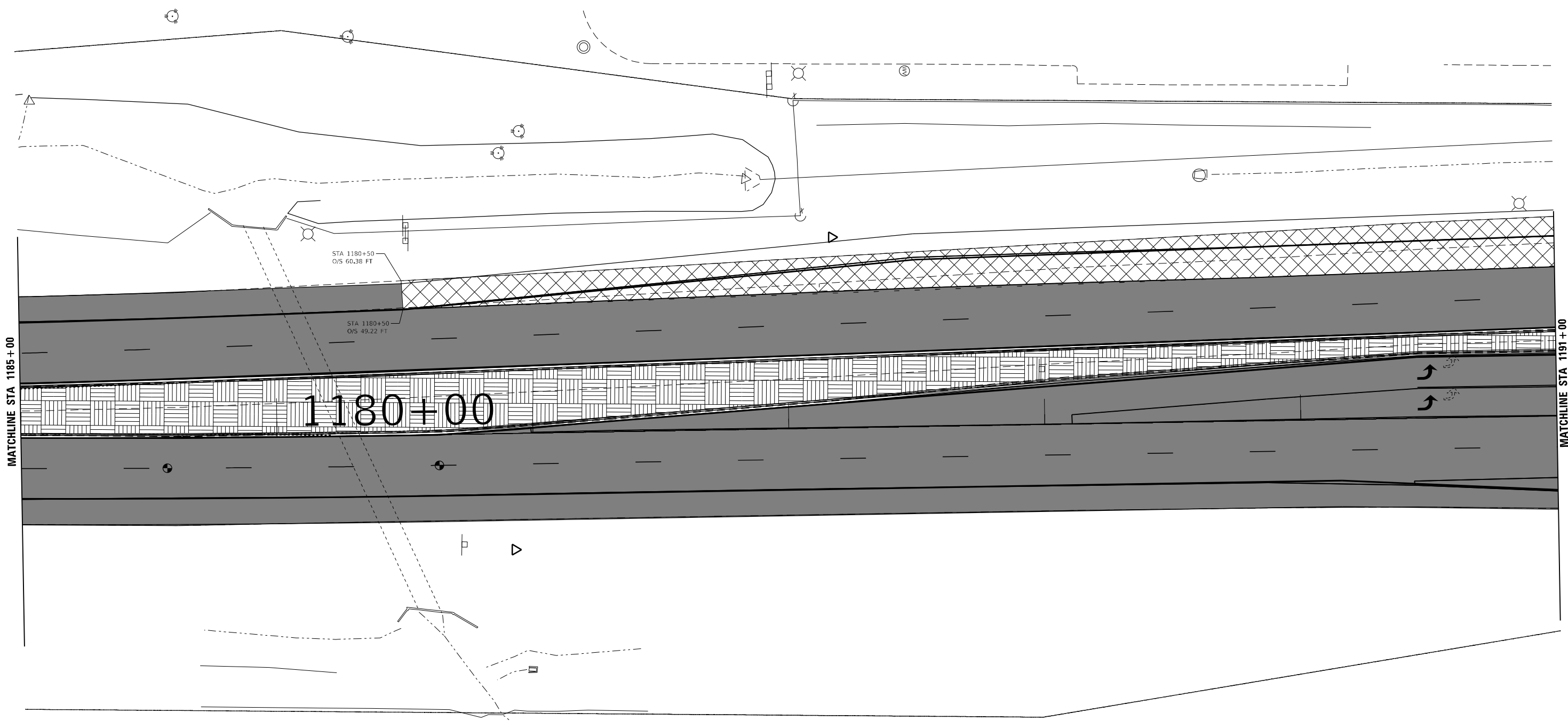
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING DETAILS - US 51

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	42
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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 PAVEMENT REMOVAL 12 1/2"

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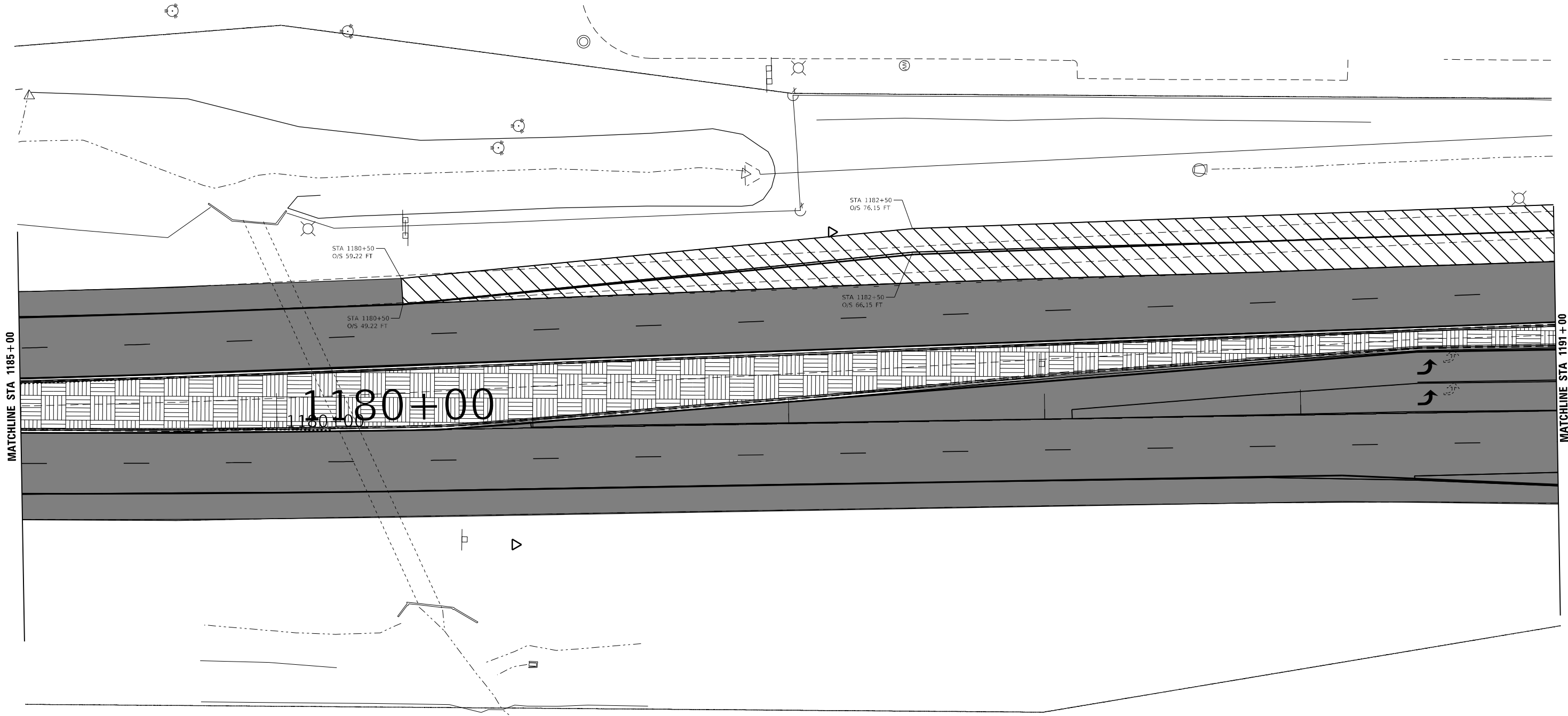
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT REPLACEMENT DETAILS
 BARNETT AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	43
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74828	

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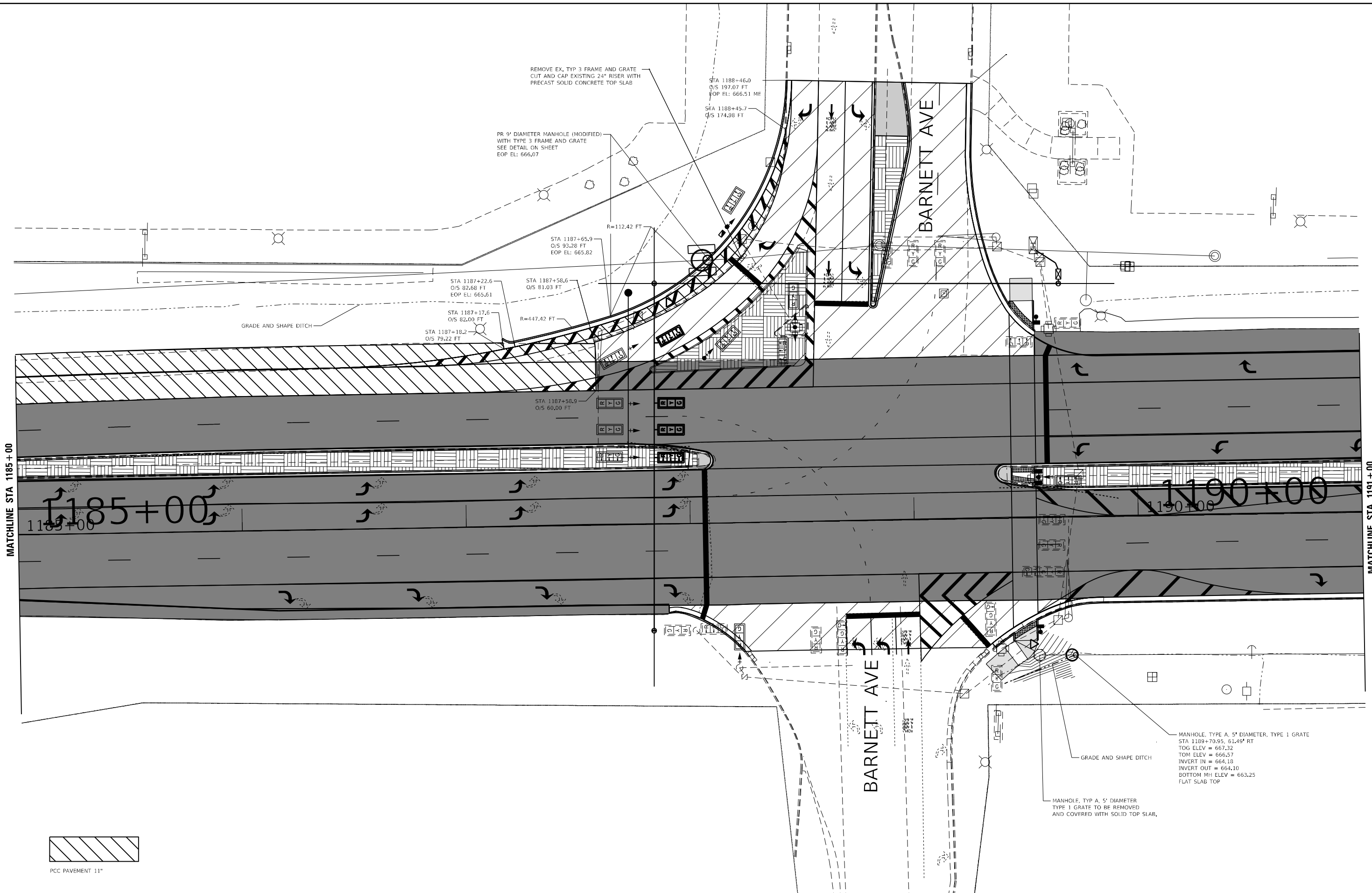
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT REPLACEMENT DETAILS BARNETT AVE.				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE. 322	SECTION (50R-1,R-2)RS-2,N-1	COUNTY MACON	TOTAL SHEETS 111	SHEET NO. 45
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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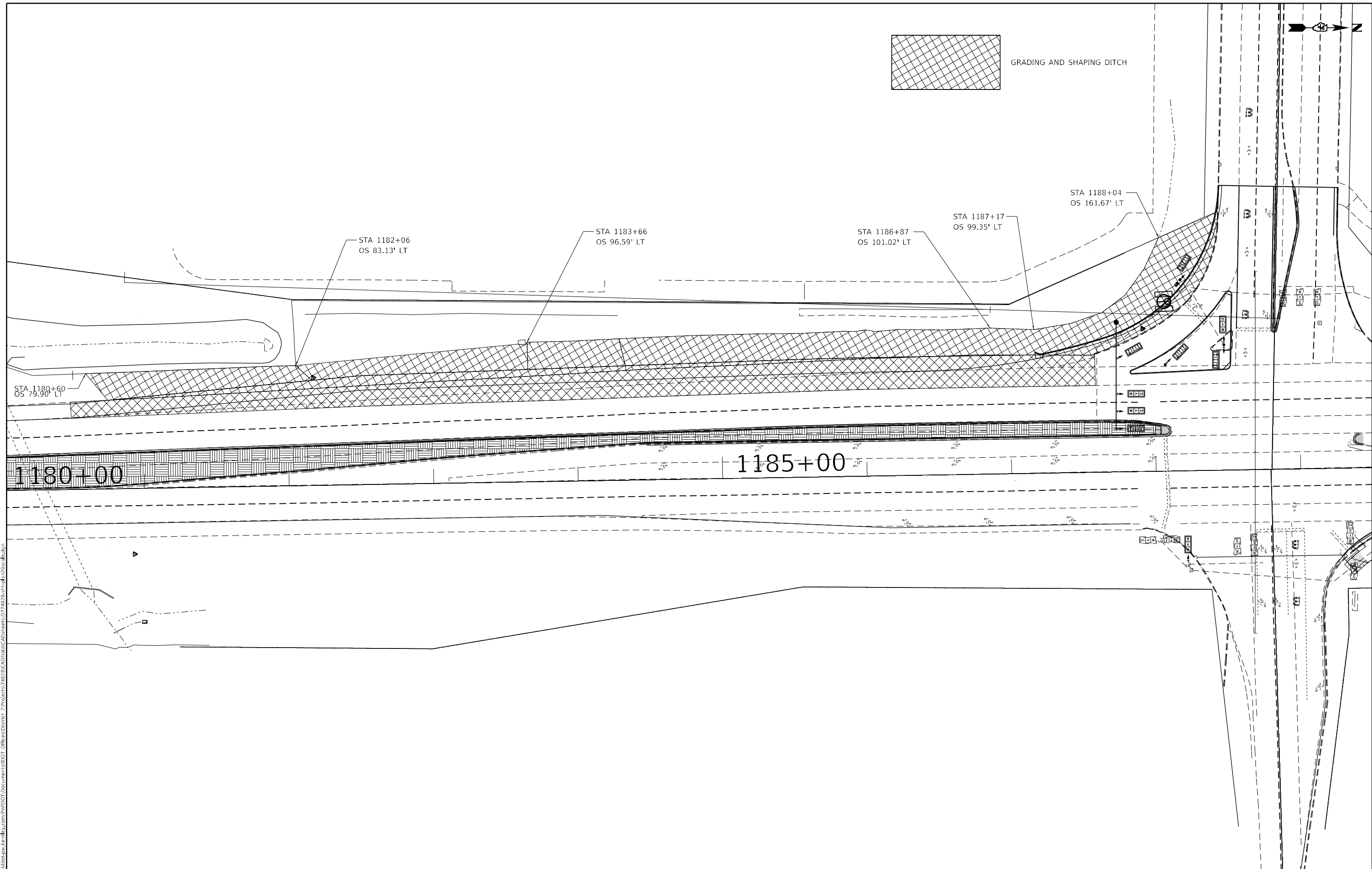
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT REPLACEMENT DETAILS
 BARNETT AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	46
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				



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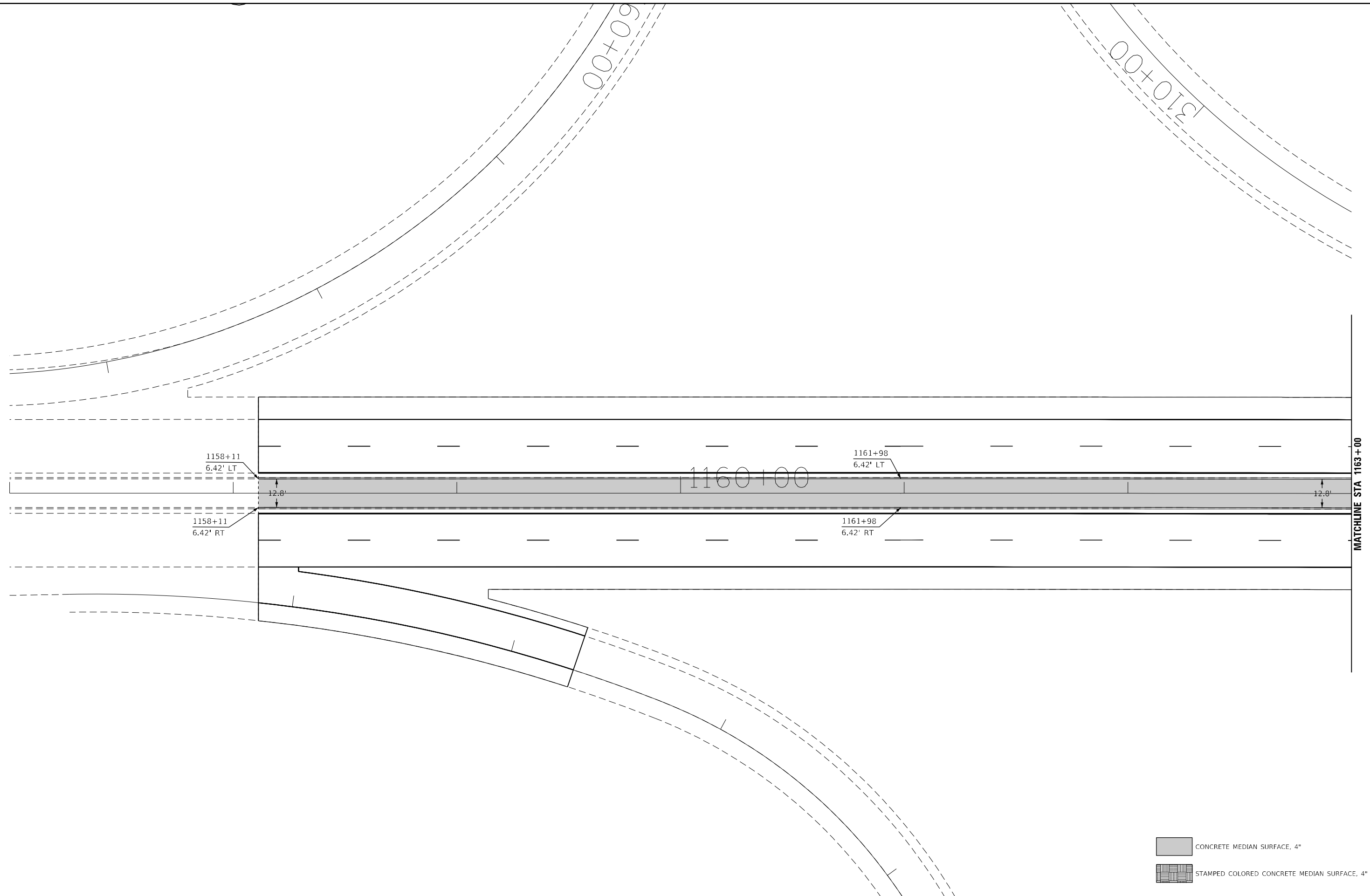
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



GRADING AND SHAPING DITCHES DETAIL
BARNETT AVE AND US 51

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	47
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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 CONCRETE MEDIAN SURFACE, 4"
 STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"

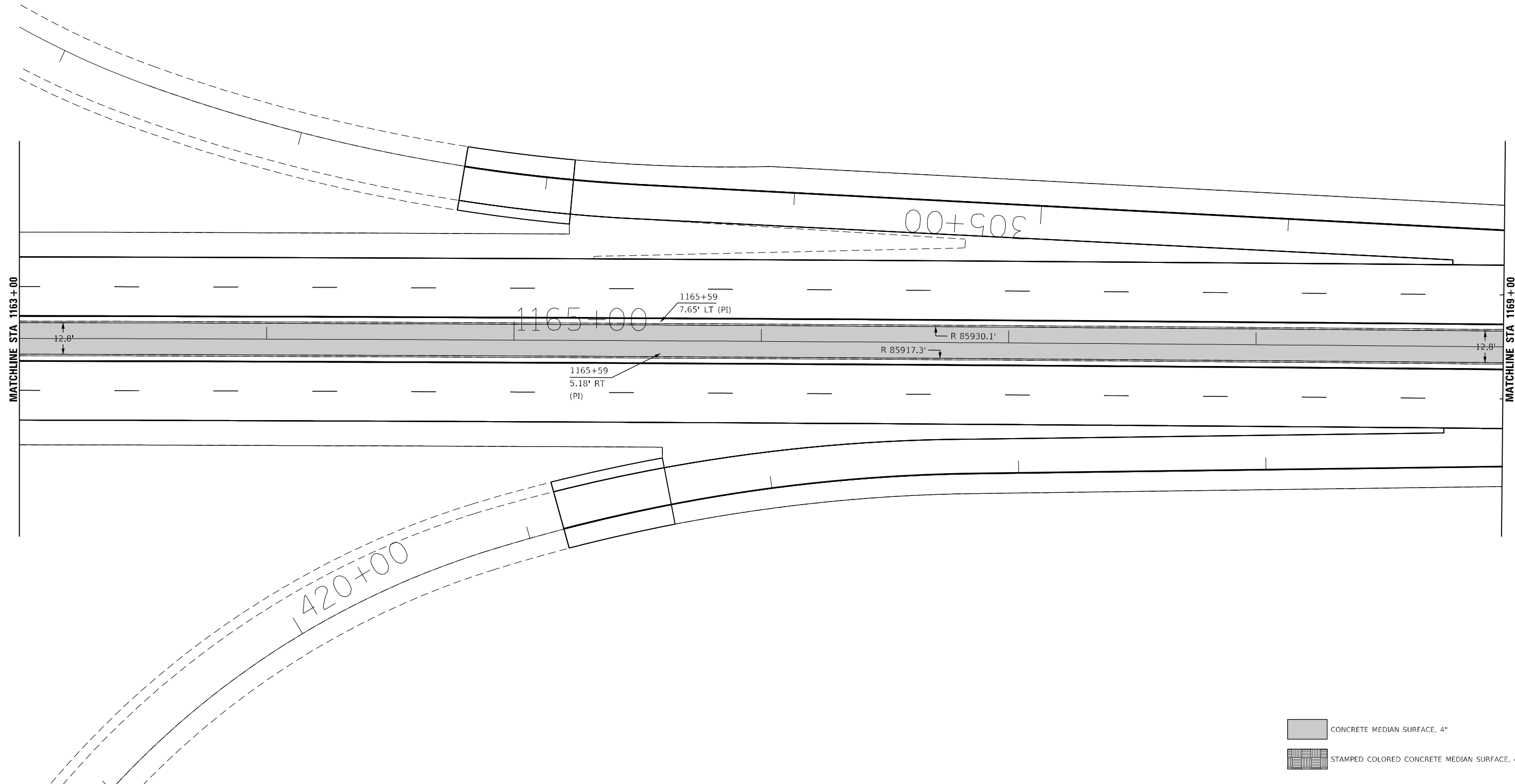
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MEDIAN DETAILS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	48
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74828	

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 CONCRETE MEDIAN SURFACE, 4"
 STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"

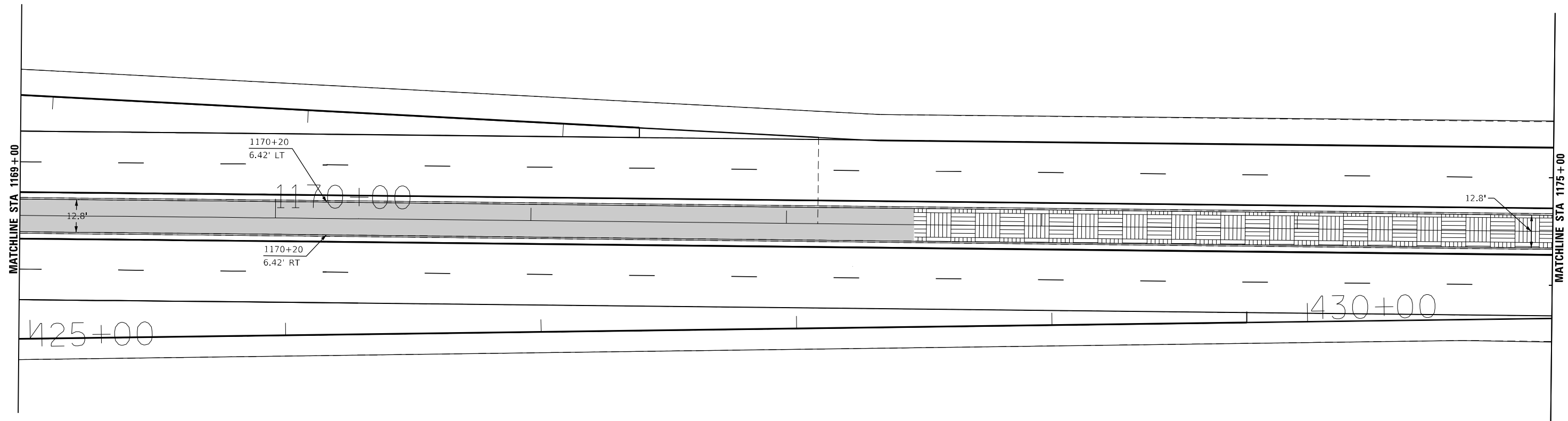
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	DATE -	REVISED -



**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MEDIAN DETAILS			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	49
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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 CONCRETE MEDIAN SURFACE, 4"
 STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"

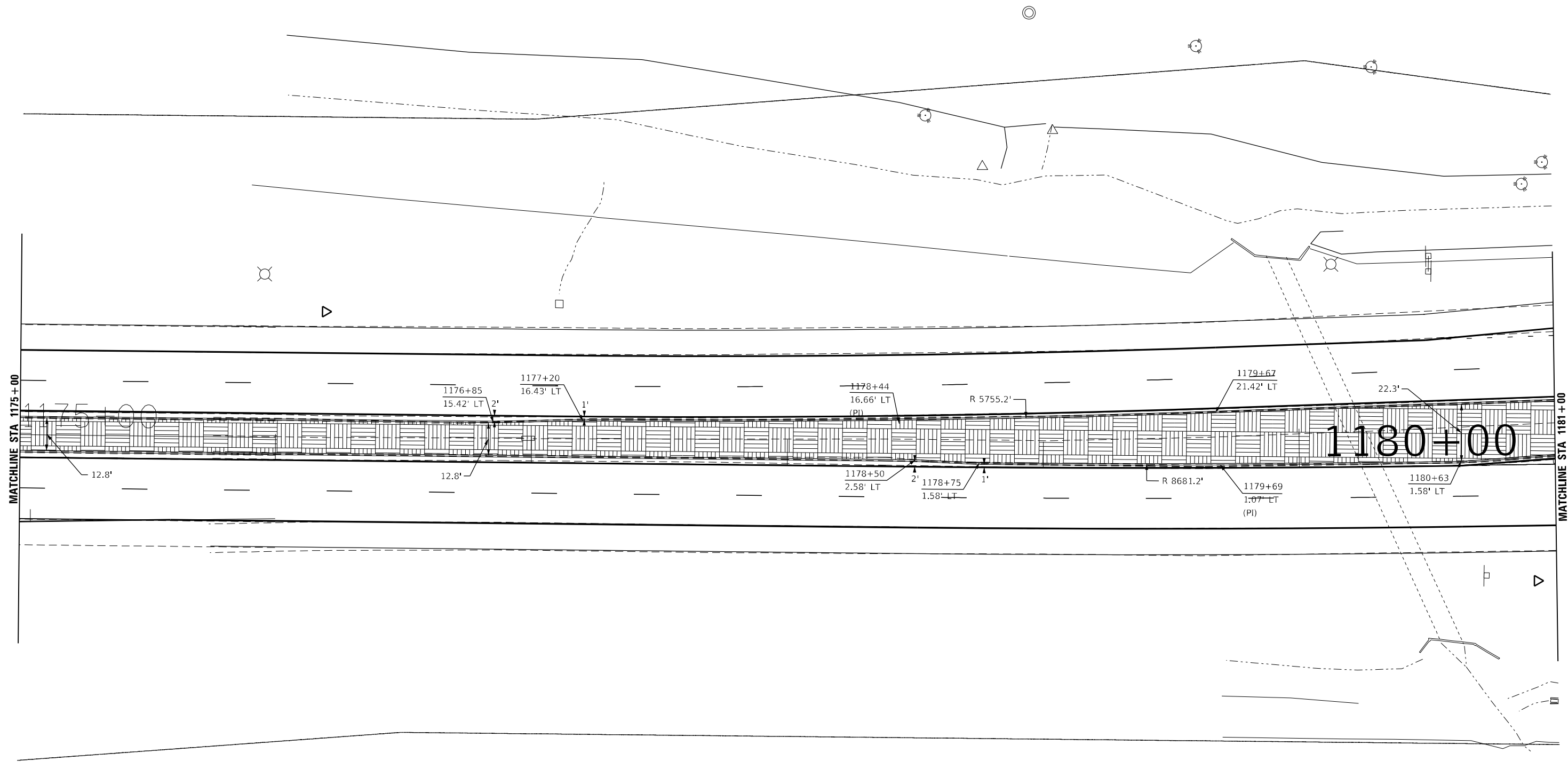
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MEDIAN DETAILS			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	50
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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 CONCRETE MEDIAN SURFACE, 4"
 STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"

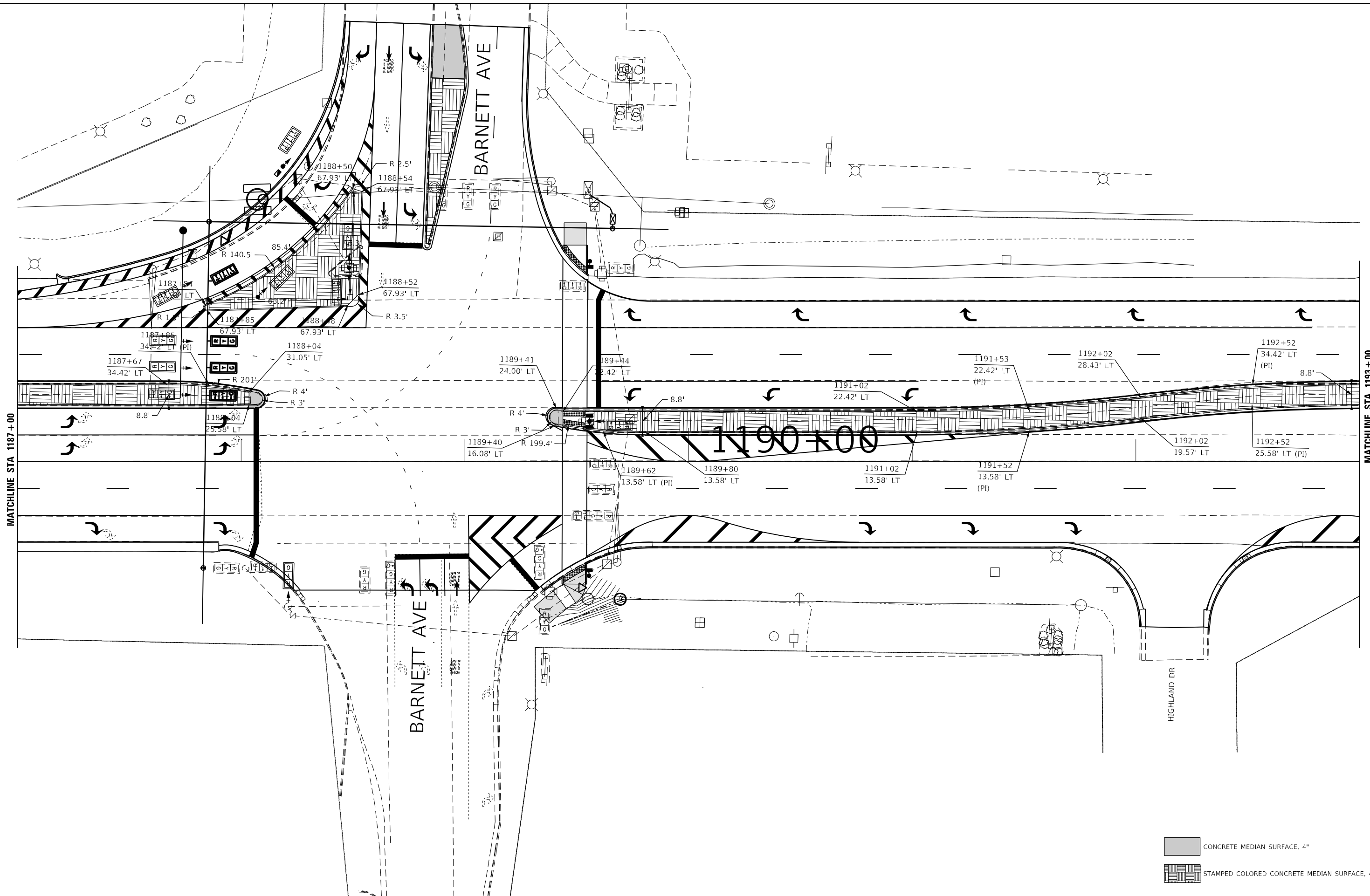
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PLOT DATE = 7/6/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MEDIAN DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	51
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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 DATE: 7/26/2023



- CONCRETE MEDIAN SURFACE, 4"
- STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"

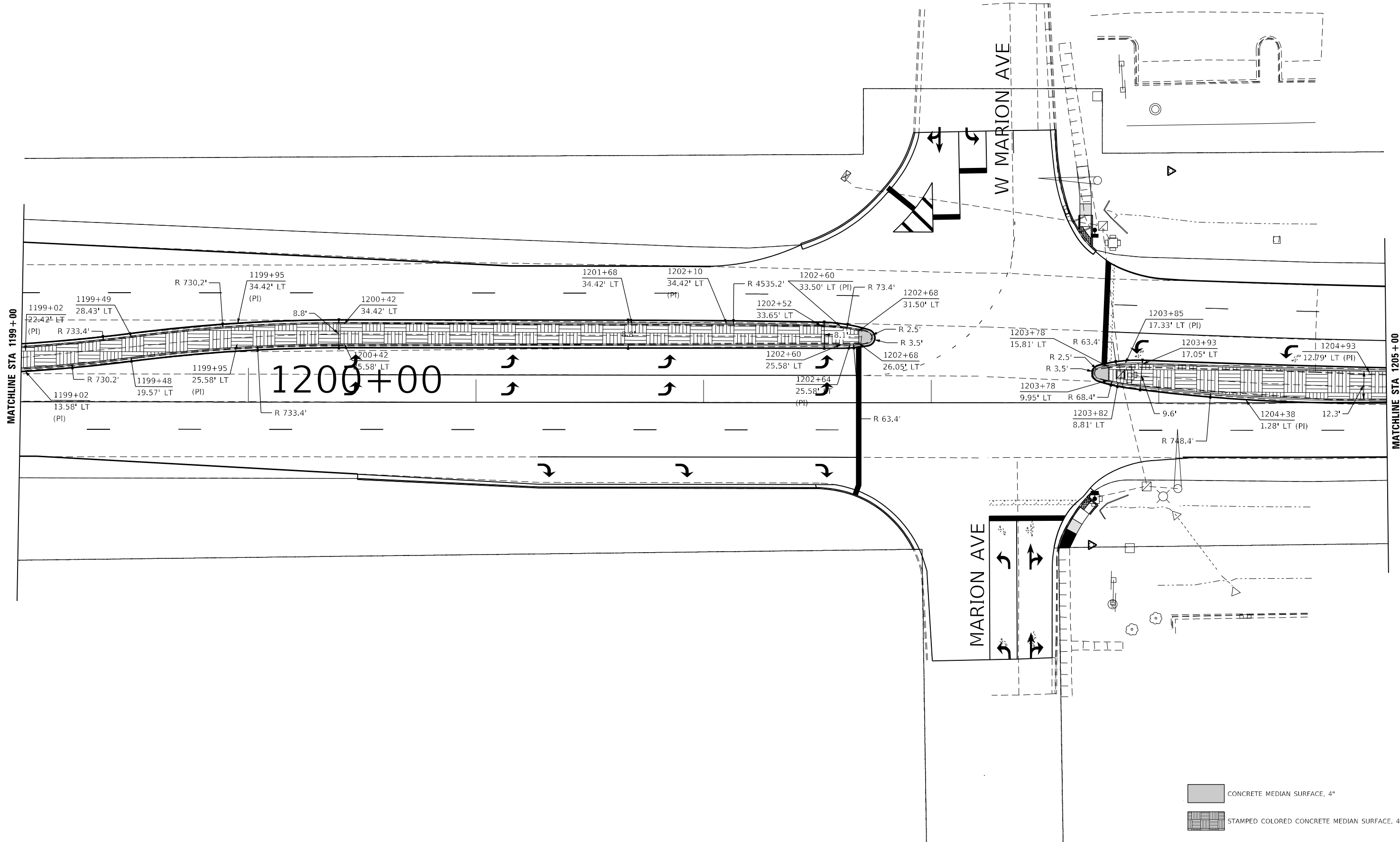
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PLOT DATE = 7/26/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MEDIAN DETAILS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	53
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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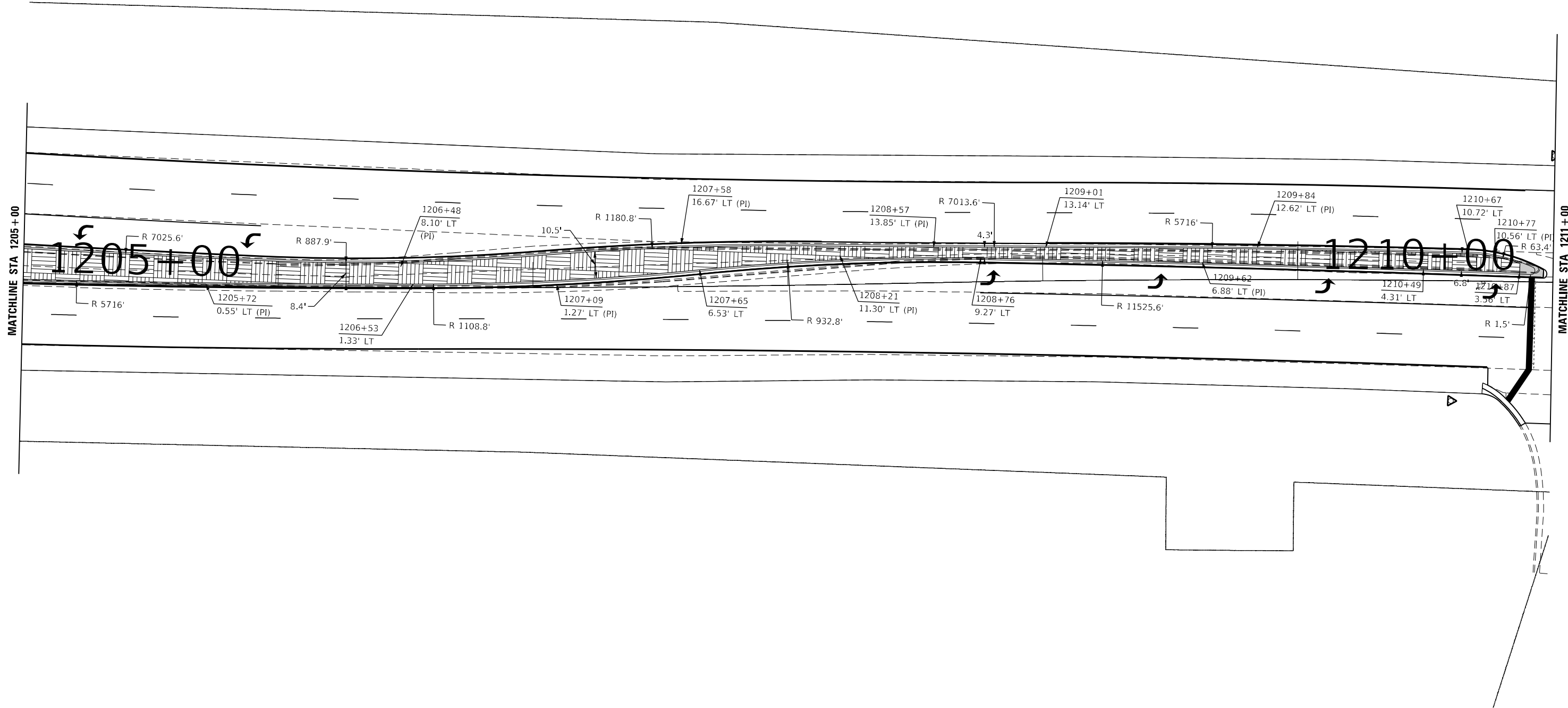
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PLOT DATE = 7/26/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MEDIAN DETAILS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	55
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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CONCRETE MEDIAN SURFACE, 4"
 STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"

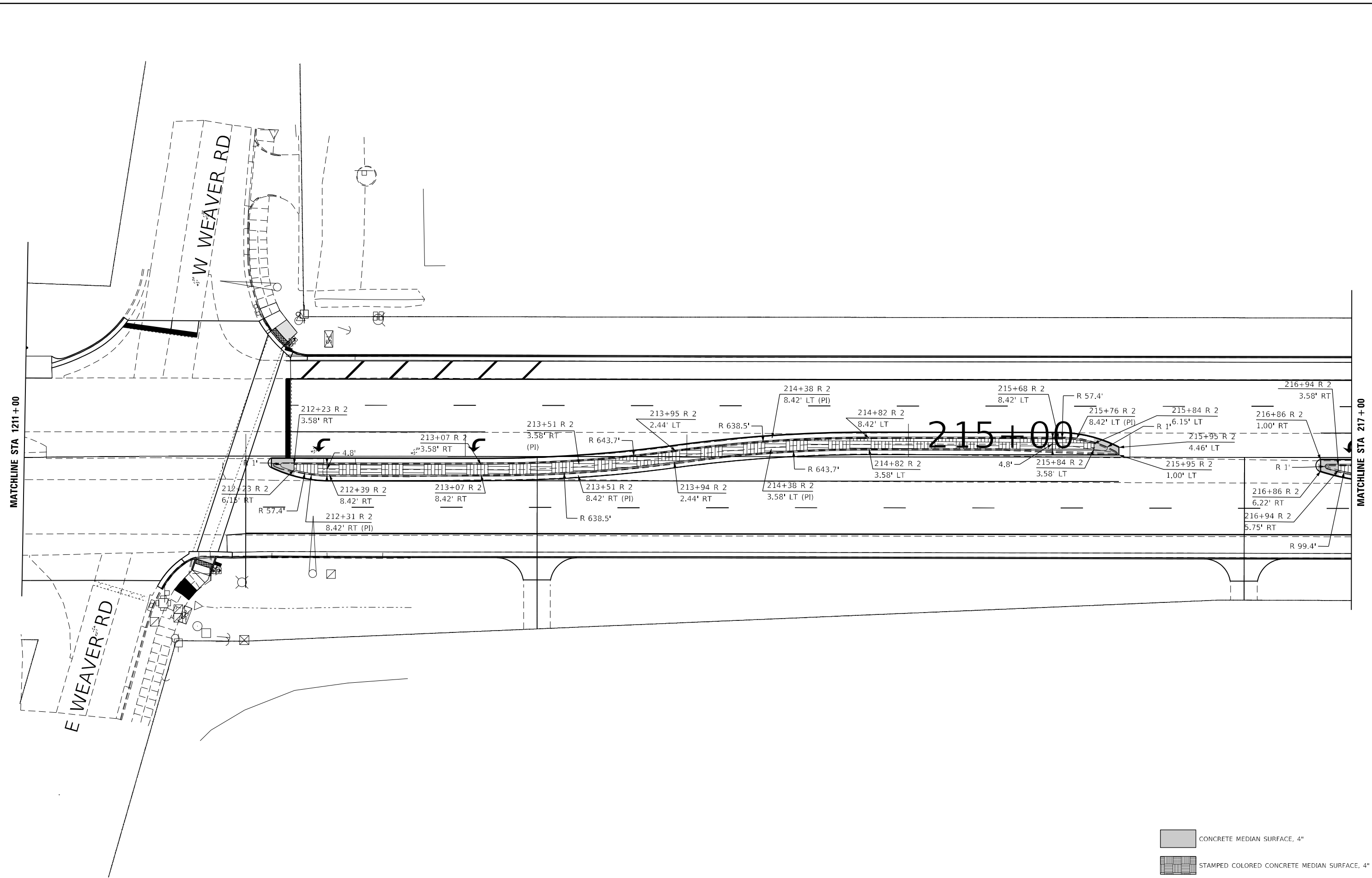
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PLOT DATE = 7/6/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MEDIAN DETAILS			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	56
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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 PLOT DATE = 7/6/2023



- CONCRETE MEDIAN SURFACE, 4"
- STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"

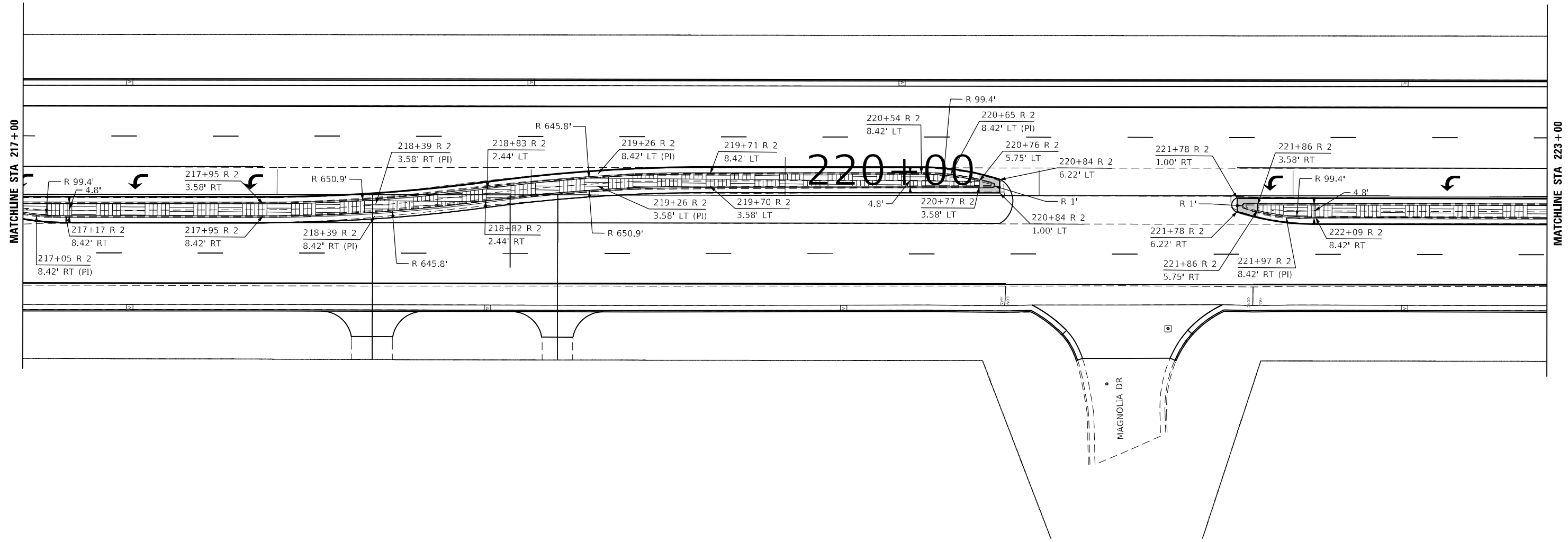
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PLOT DATE = 7/6/2023	DATE -	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MEDIAN DETAILS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	57
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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 PROJECT: 74828



-  CONCRETE MEDIAN SURFACE, 4"
-  STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"

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	DRAWN -	REVISED -
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PLOT DATE = 7/6/2023	DATE -	REVISED -

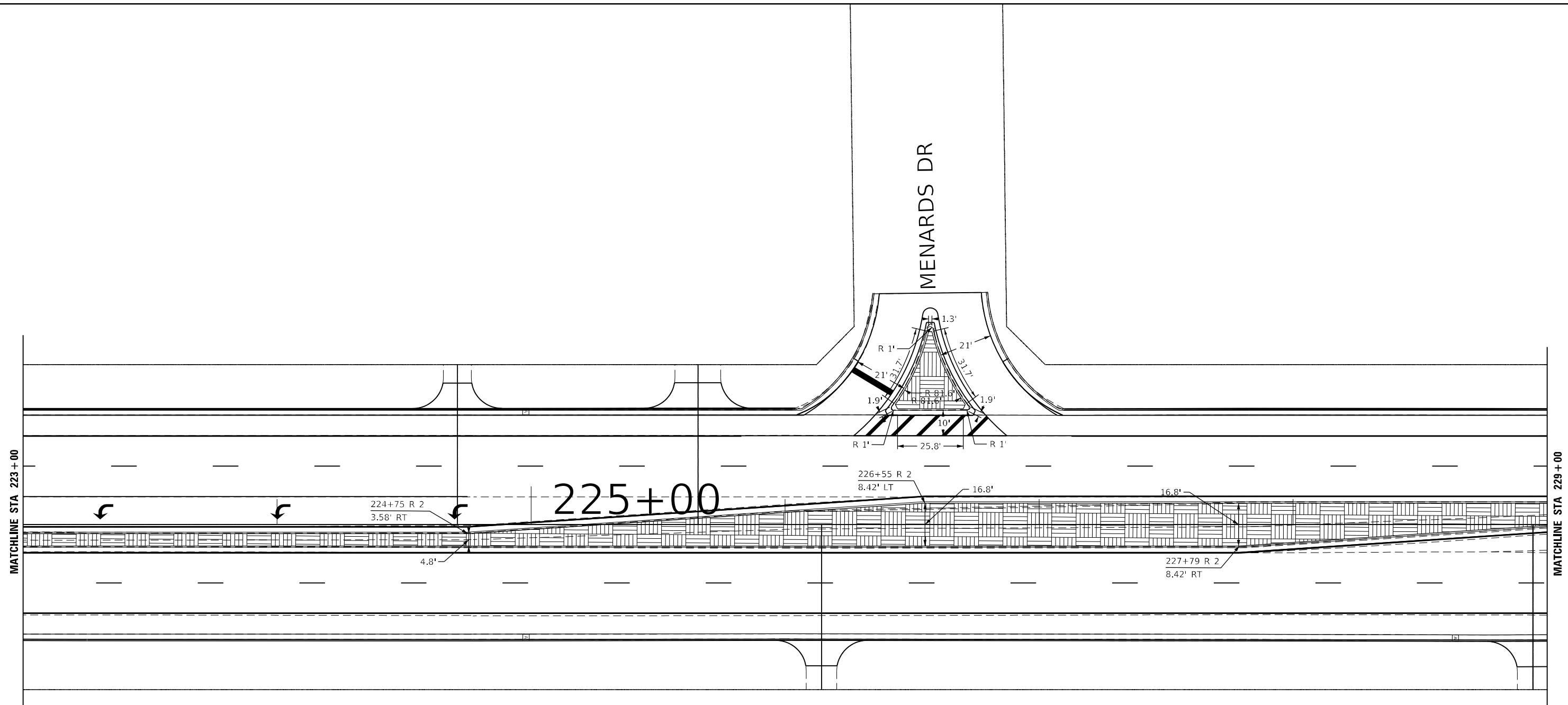
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET OF SHEETS		STA.	TO STA.

MEDIAN DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	58
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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- CONCRETE MEDIAN SURFACE, 4"
- STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"

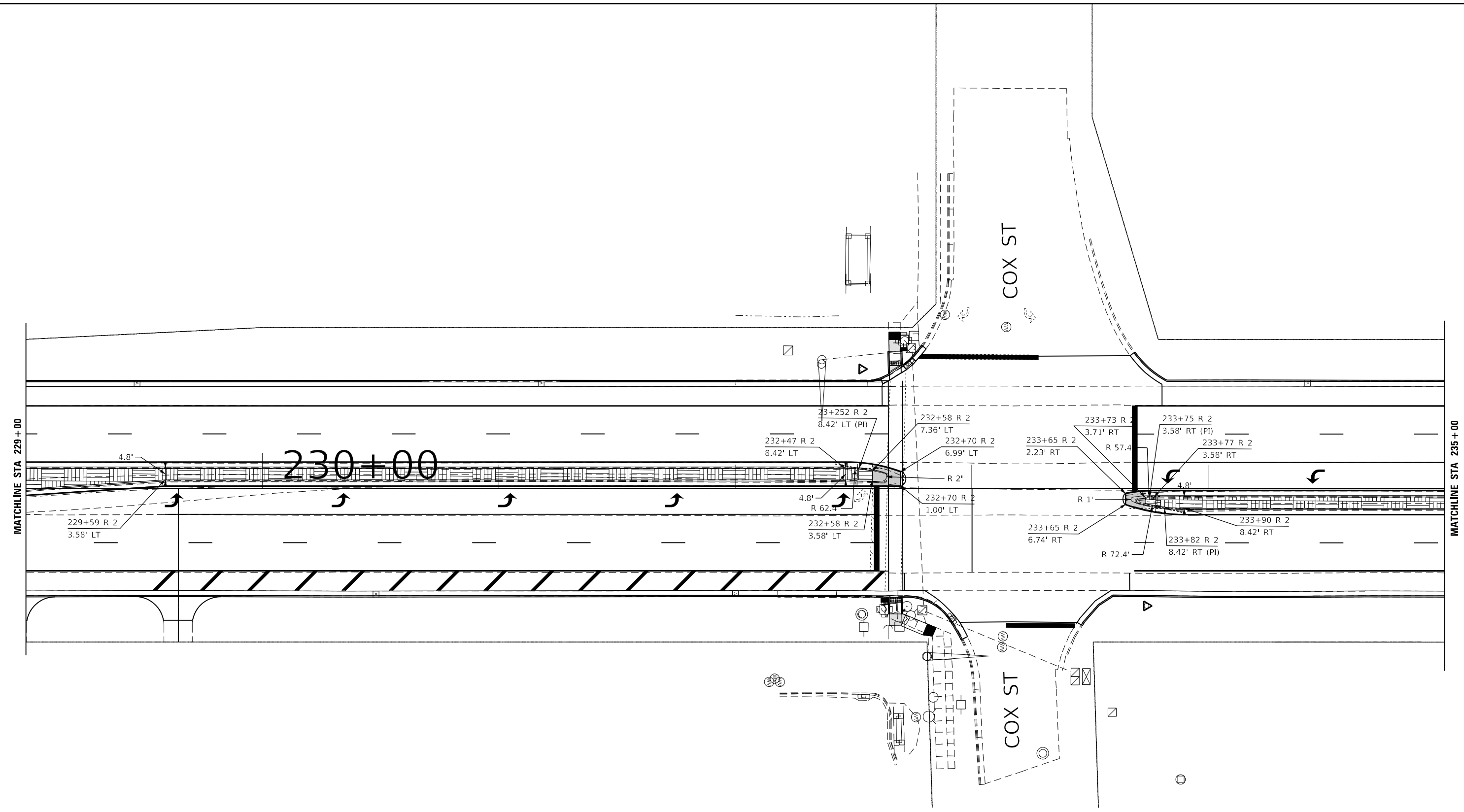
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PLOT DATE = 7/26/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MEDIAN DETAILS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	59
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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 PROJECT: 74828



CONCRETE MEDIAN SURFACE, 4"
 STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"

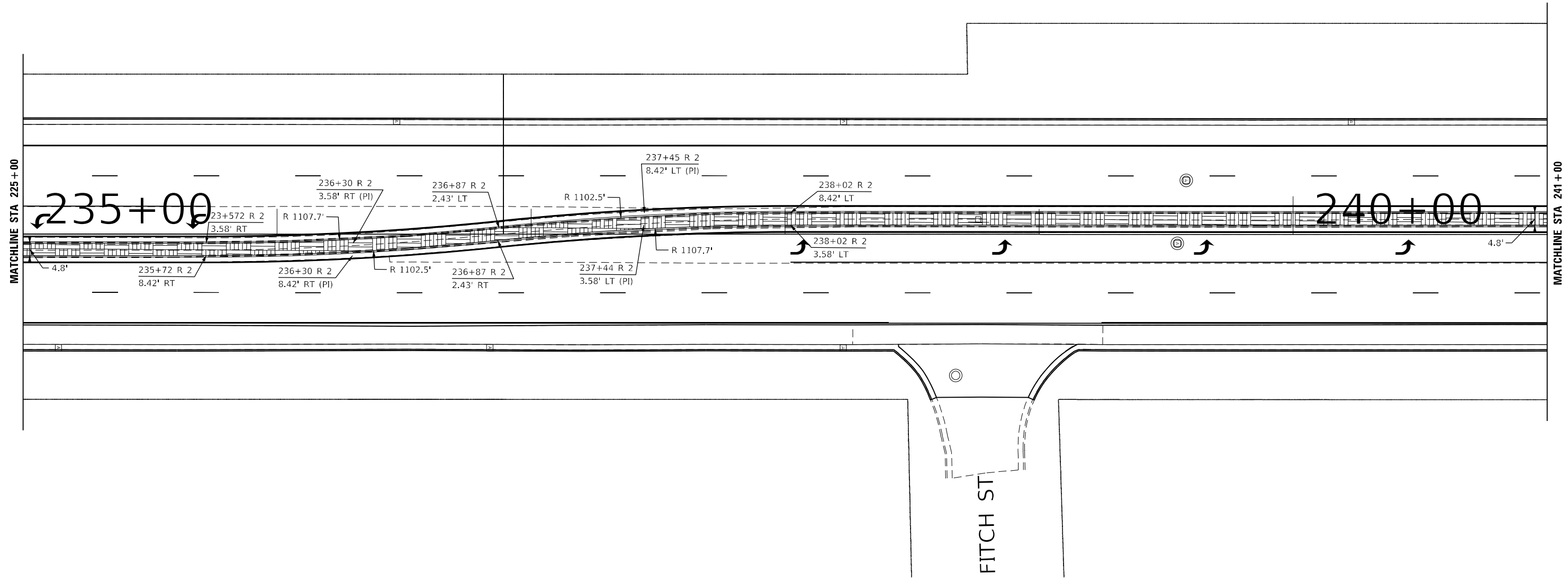
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PLOT DATE = 7/6/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MEDIAN DETAILS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	60
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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- CONCRETE MEDIAN SURFACE, 4"
- STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"

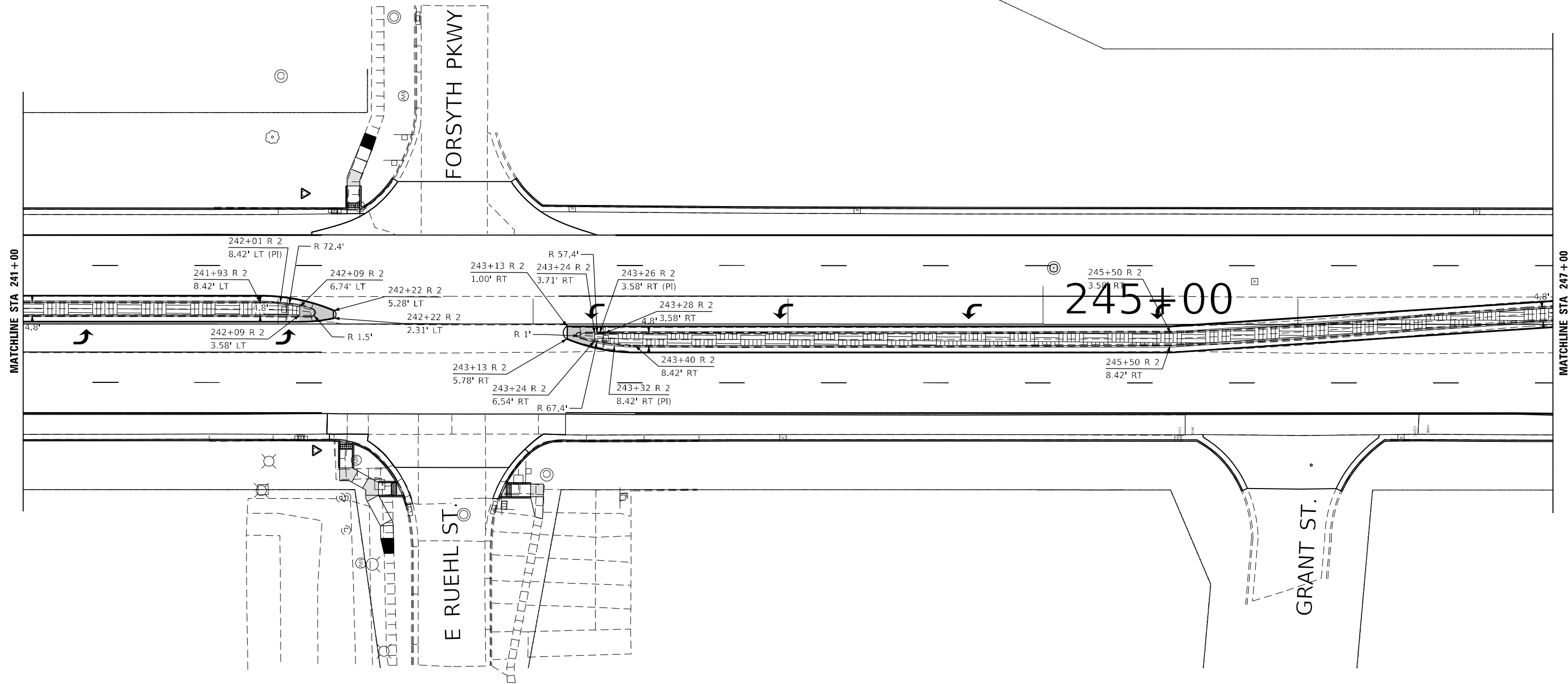
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PLOT DATE = 7/6/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MEDIAN DETAILS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	61
CONTRACT NO. 74828			ILLINOIS FED. AID PROJECT	

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 PLOT DATE = 7/6/2023



- CONCRETE MEDIAN SURFACE, 4"
- STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"

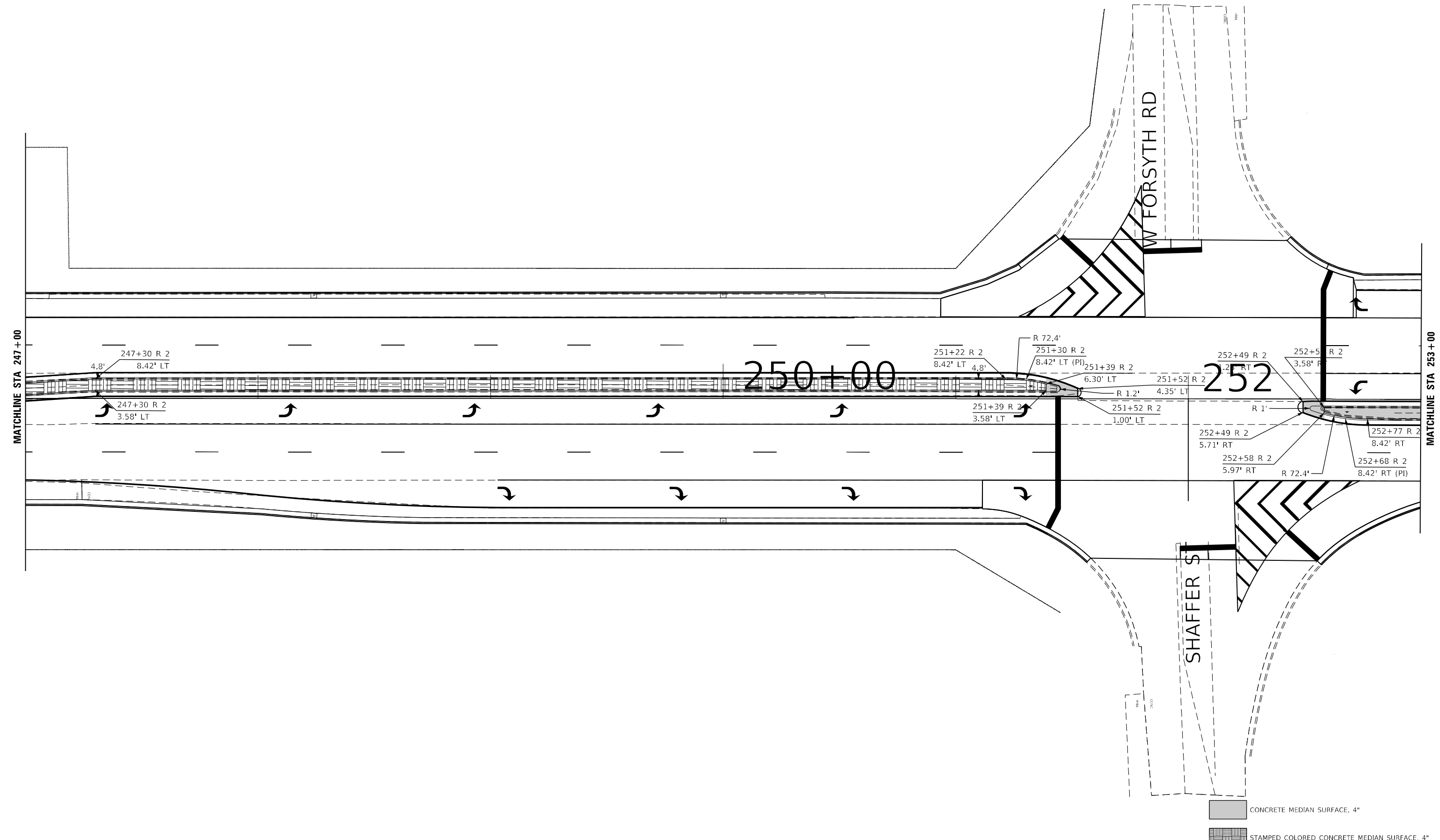
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PLOT DATE = 7/6/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MEDIAN DETAILS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	62
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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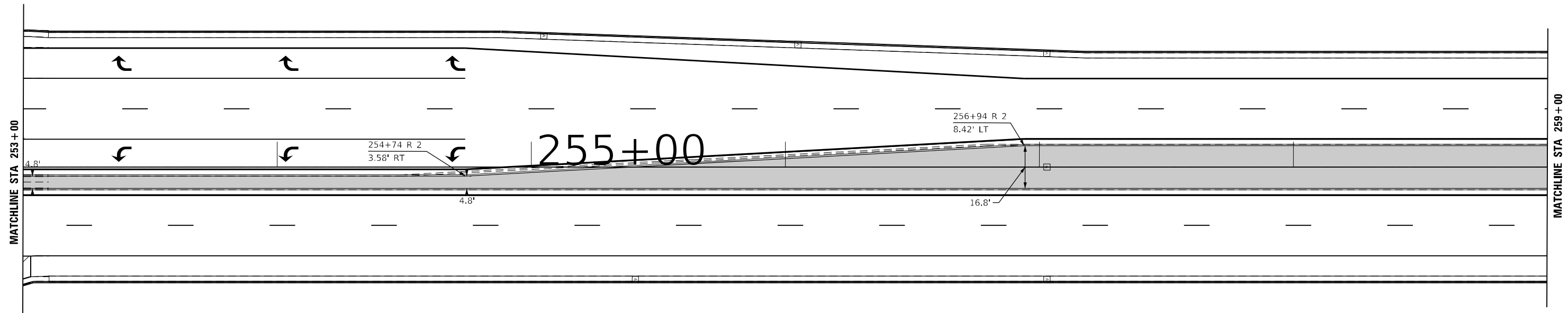
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET		OF SHEETS		STA.	TO STA.
		<p align="center">MEDIAN DETAILS</p>					

- CONCRETE MEDIAN SURFACE, 4"
- STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	63
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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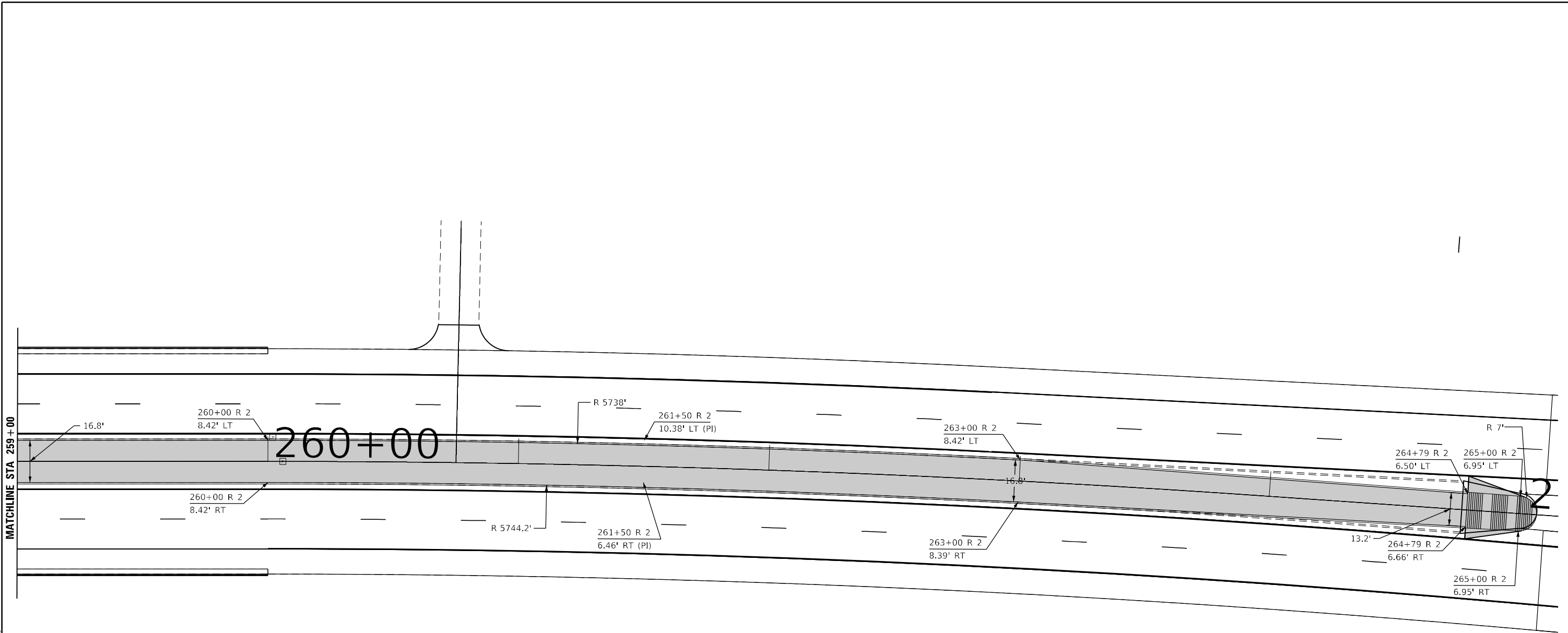
CONCRETE MEDIAN SURFACE, 4"
 STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"

USER NAME = jessica.hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 7/6/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MEDIAN DETAILS			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	64
CONTRACT NO. 74828			ILLINOIS FED. AID PROJECT	



MATCHLINE STA 259+00

260+00

- CONCRETE MEDIAN SURFACE, 4"
- STAMPED COLORED CONCRETE MEDIAN SURFACE, 4"

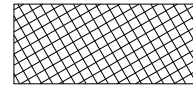
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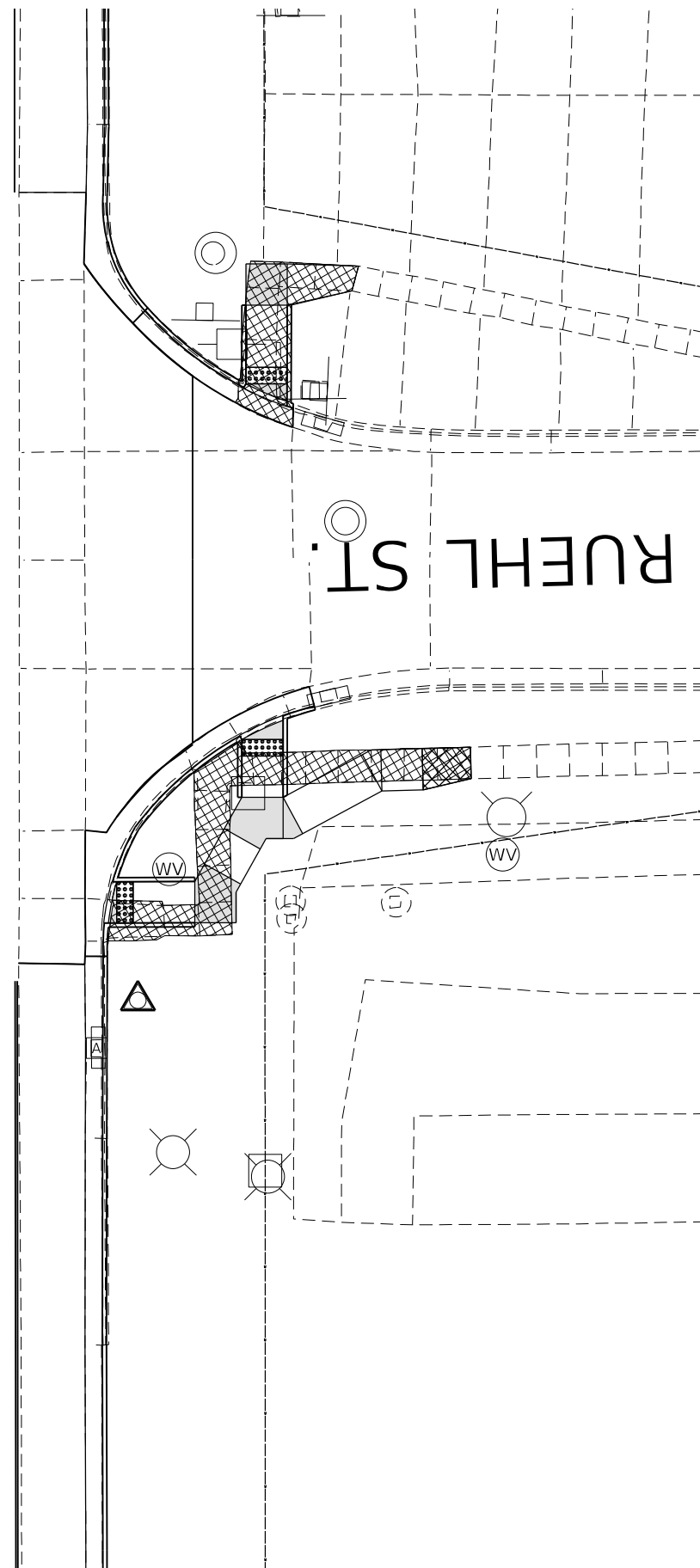
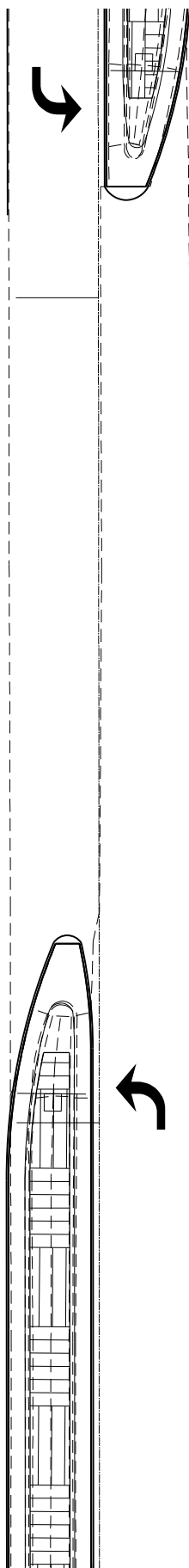
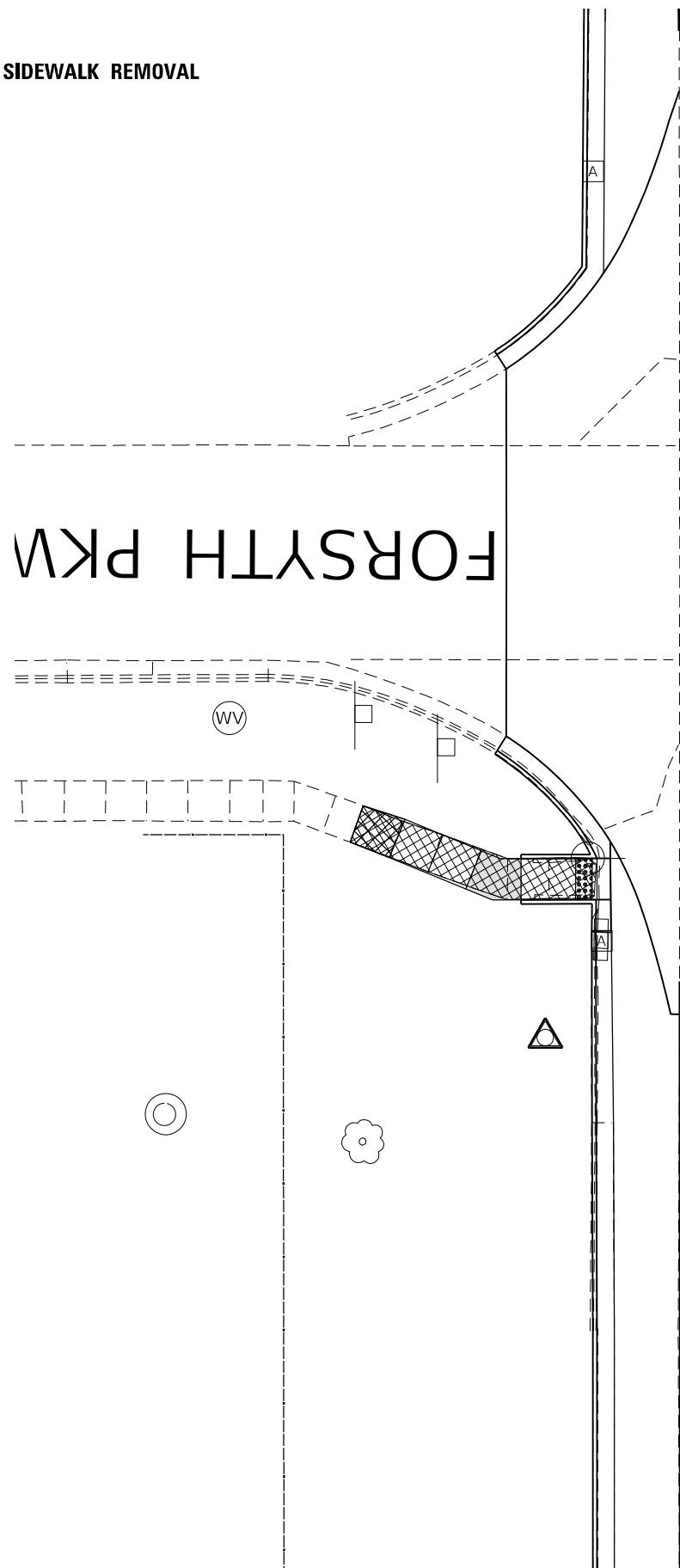
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MEDIAN DETAILS			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	65
CONTRACT NO. 74828			ILLINOIS FED. AID PROJECT	



SIDEWALK REMOVAL



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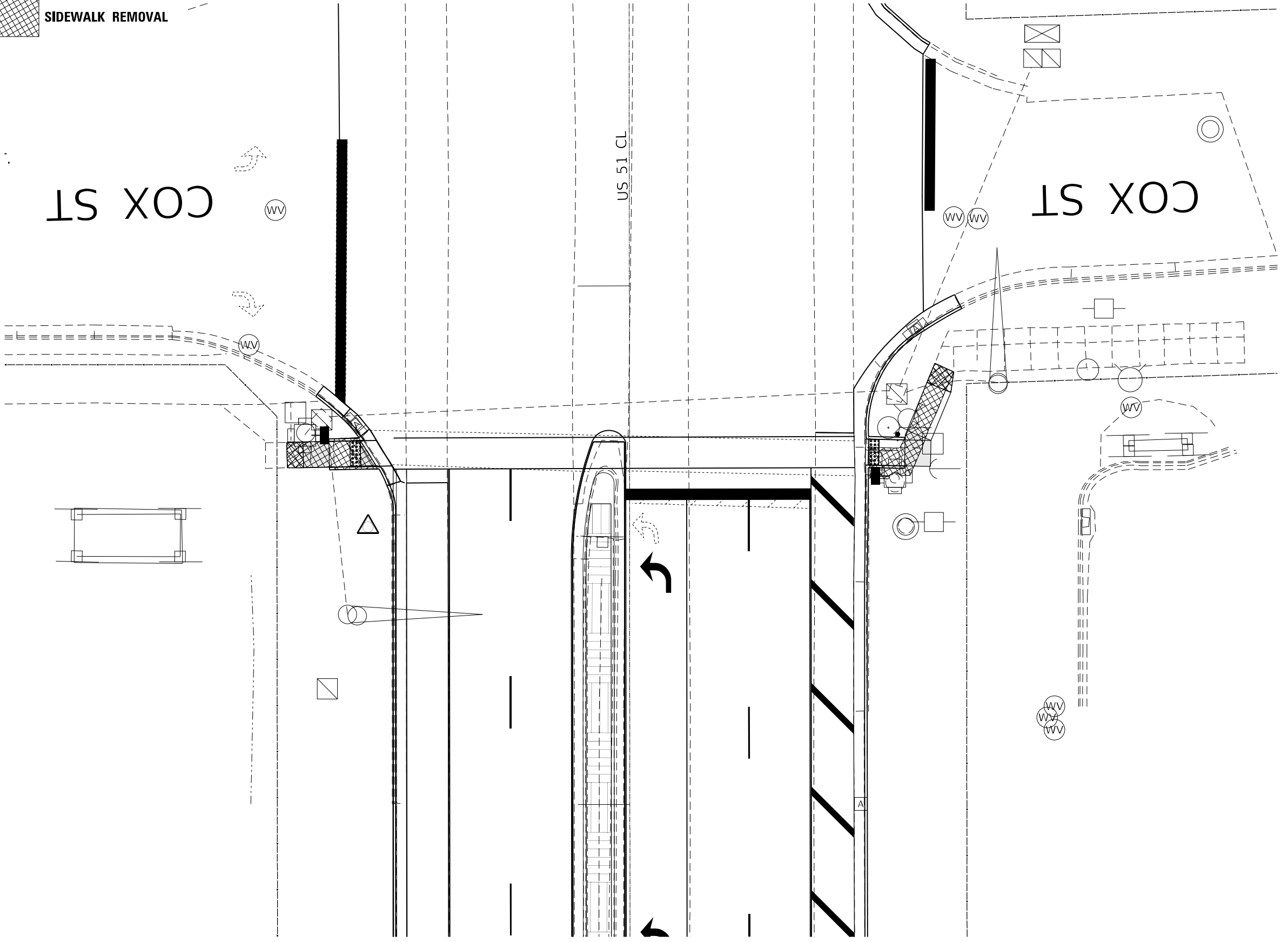
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RUEHL ST AND US 51

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	66
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74828	

 **SIDEWALK REMOVAL**



MODEL: Default
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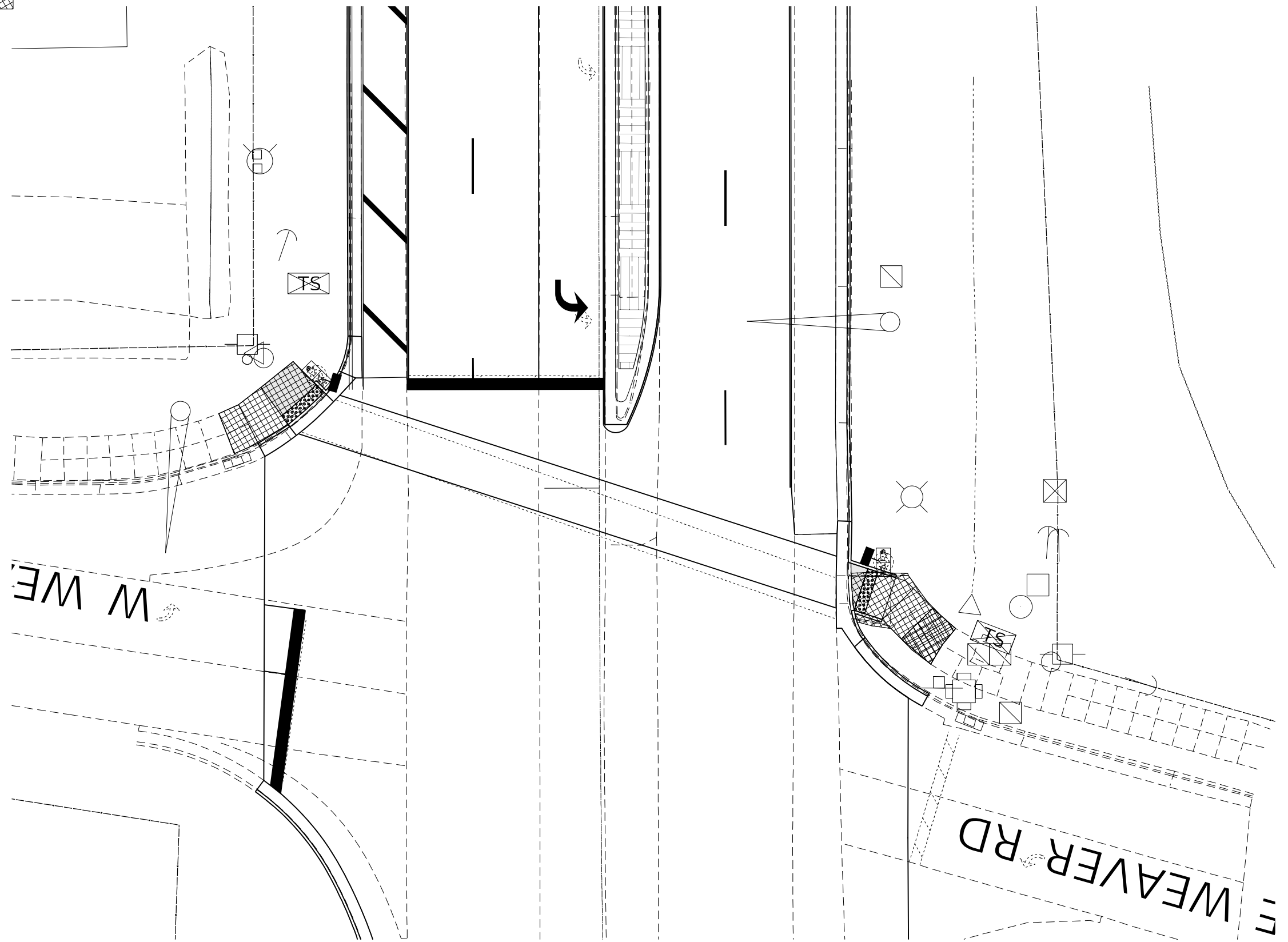
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COX ST AND US 51				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	67
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 74828

 **SIDEWALK REMOVAL**



MODEL: Default
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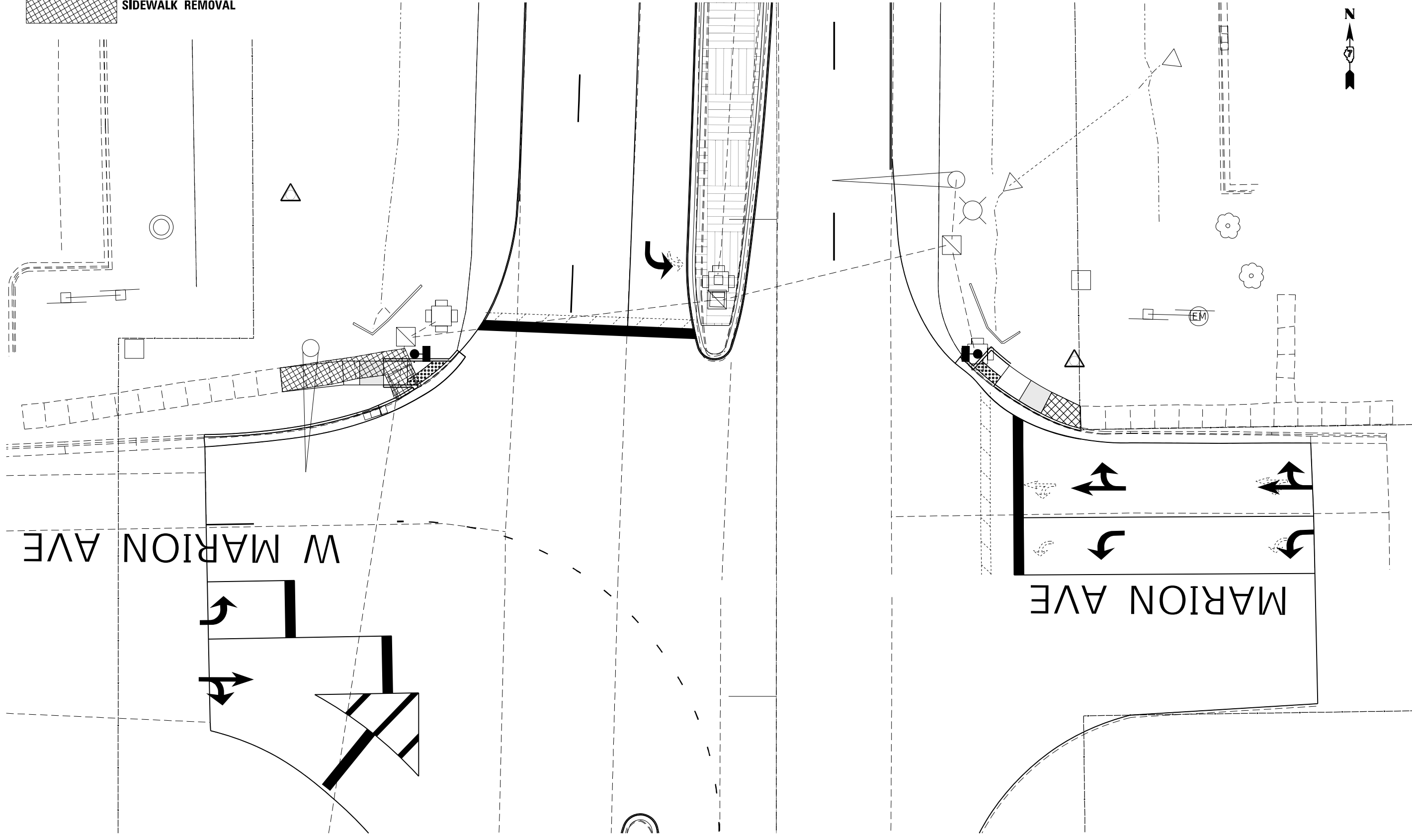
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WEAVER RD AND US 51

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	68
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74828	

 **SIDEWALK REMOVAL**



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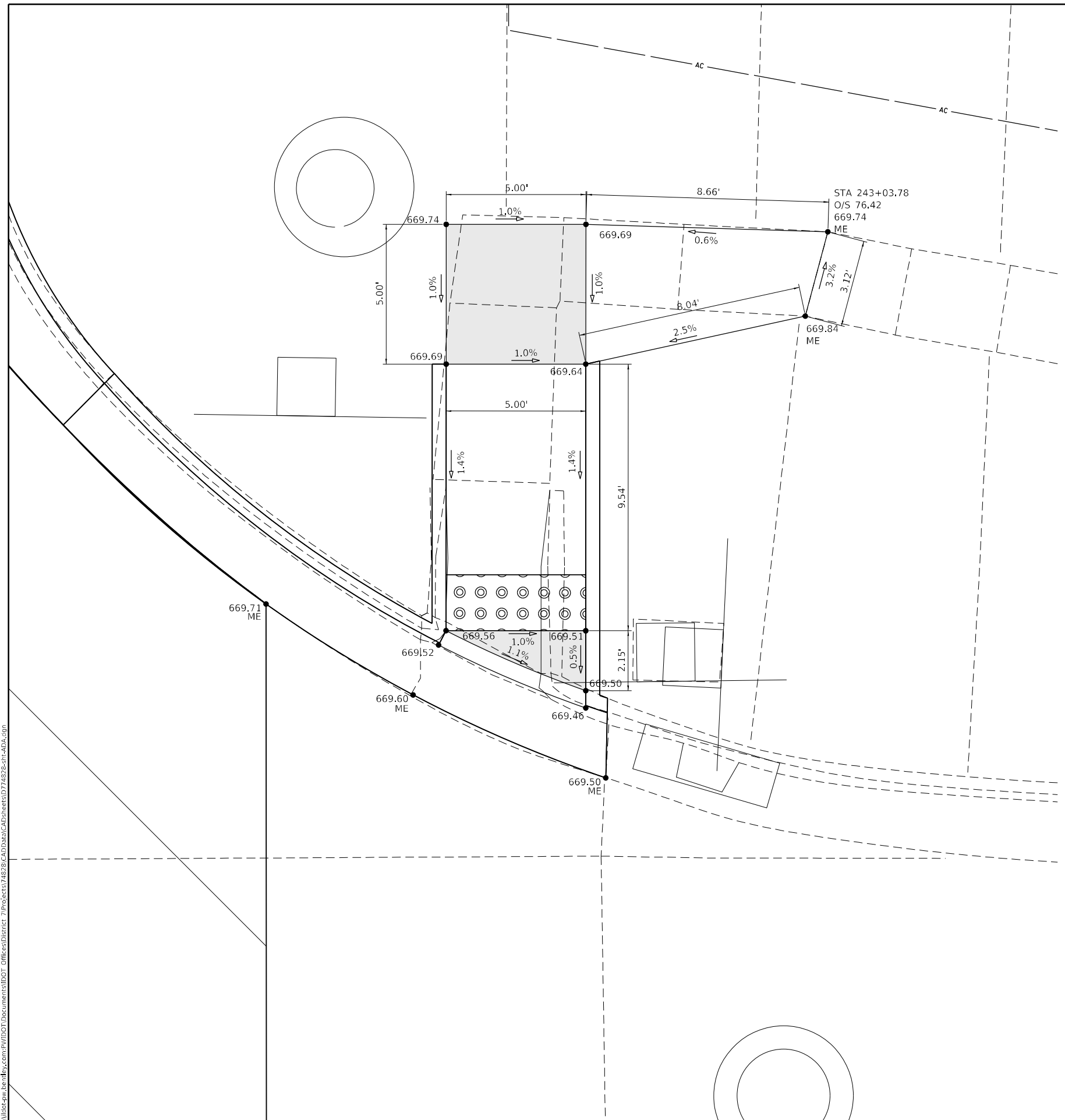
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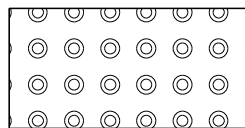
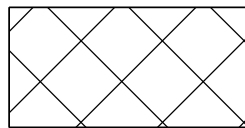


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MARION AVE AND US 51

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	69
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				



- 
DETECTABLE WARNING
- 
TRANSITION PANEL
- 
LANDING/TURNING AREA
- ME
MATCH EXISTING ELEVATION
- 
EXISTING RIGHT OF WAY

MODEL: Default
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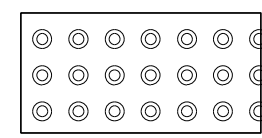
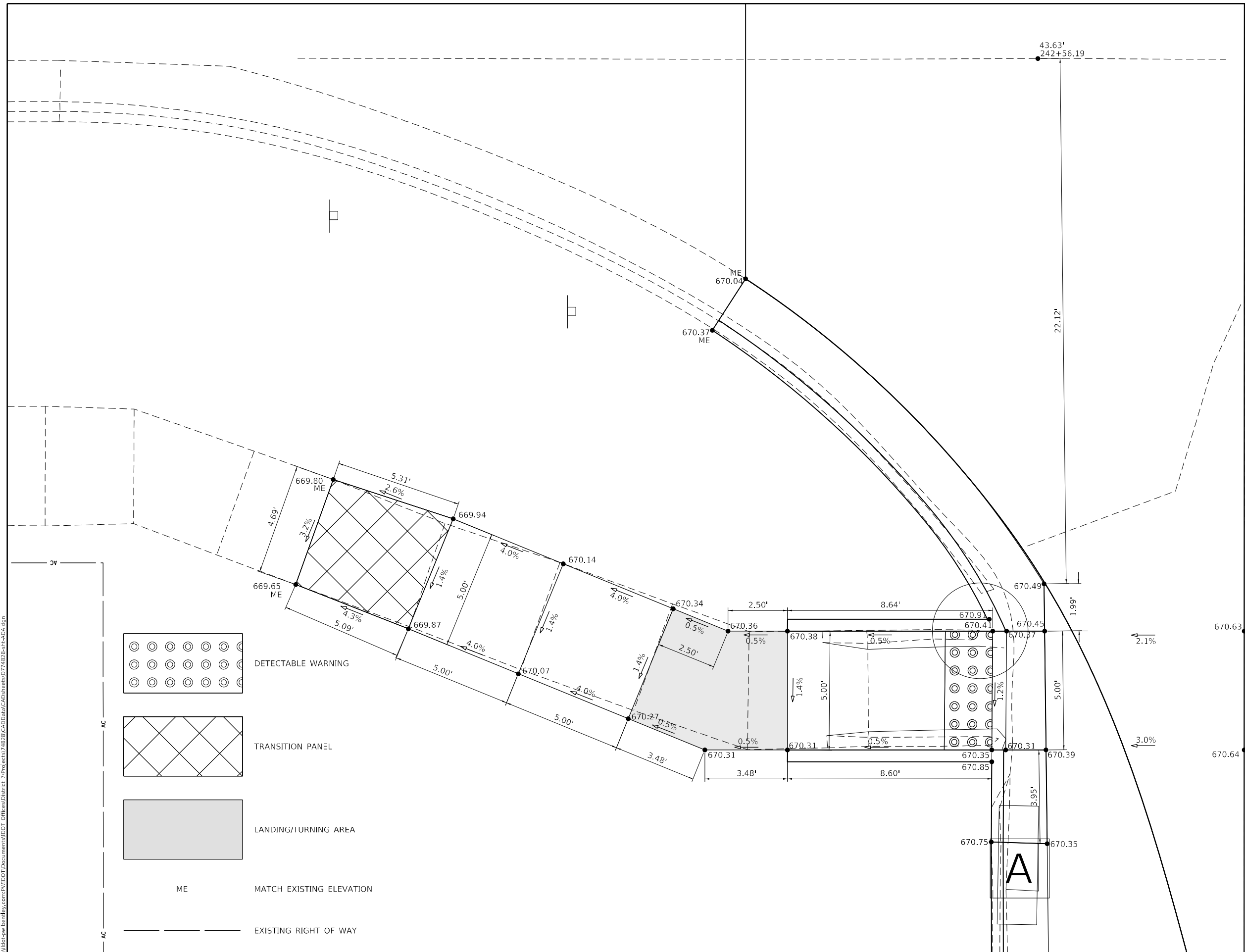
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

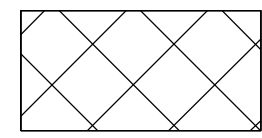
**US 51 & RUEHL AVE
ADA RAMPS NE QUAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	71
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				



DETECTABLE WARNING



TRANSITION PANEL



LANDING/TURNING AREA

ME MATCH EXISTING ELEVATION

EXISTING RIGHT OF WAY

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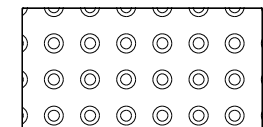
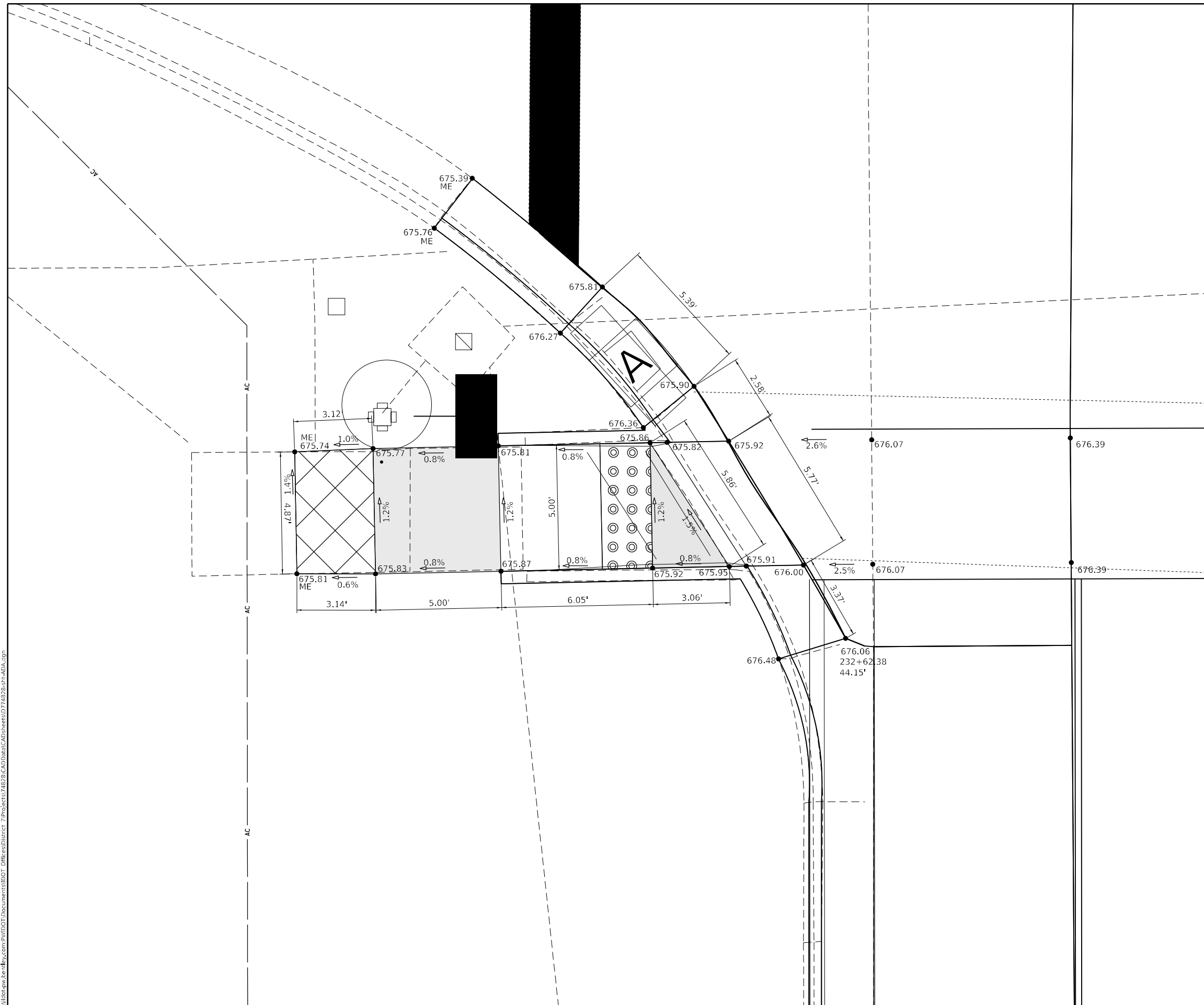
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PLOT DATE = 7/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

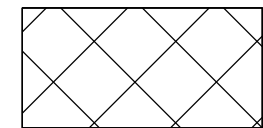
**US 51 & RUEHL AVE
ADA RAMP SW QUAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	73
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				



DETECTABLE WARNING



TRANSITION PANEL



LANDING/TURNING AREA

ME

MATCH EXISTING ELEVATION



EXISTING RIGHT OF WAY

MODEL: Default
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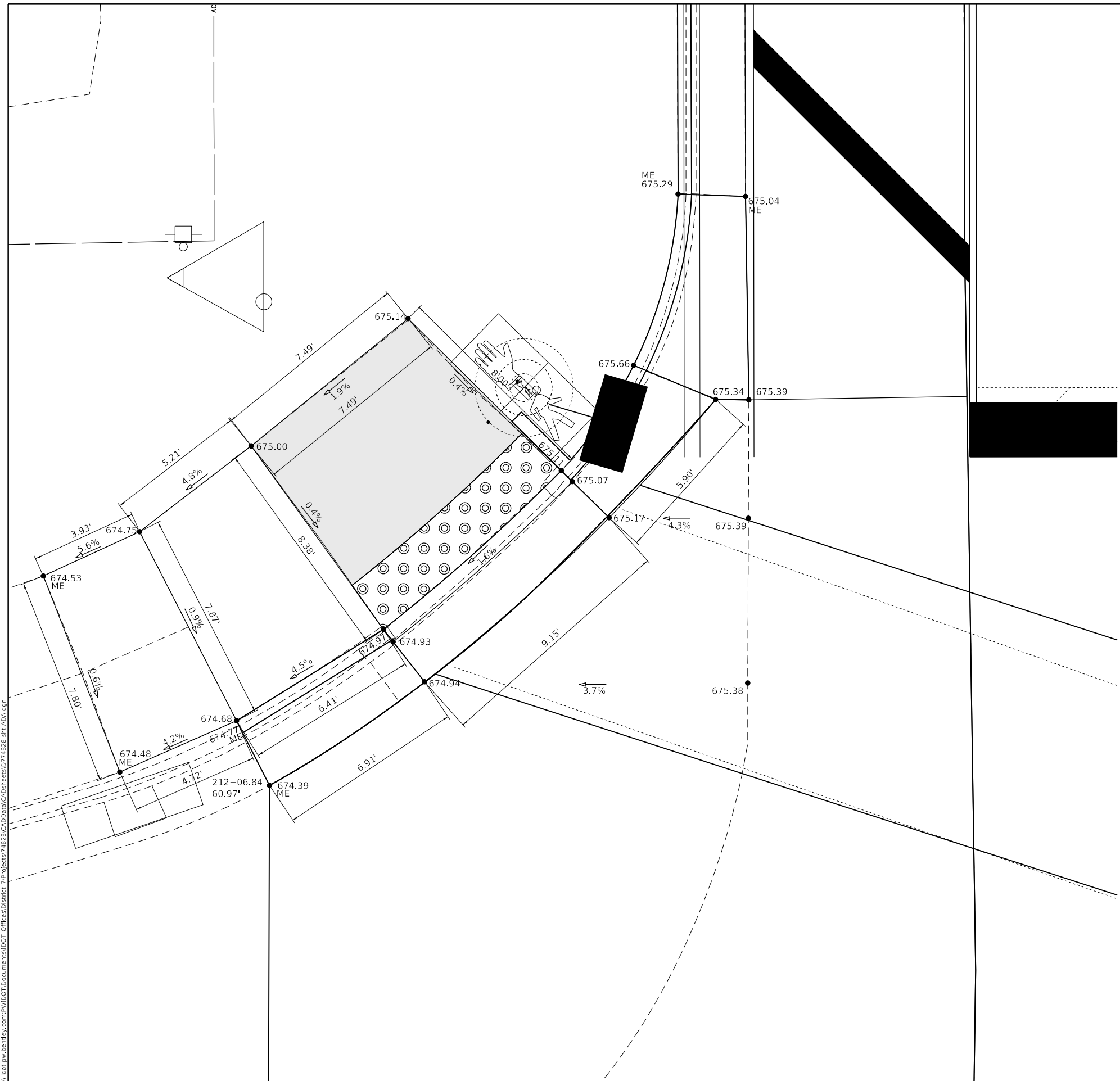
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DRAWN -	REVISOR -	
PLOT SCALE = 4,000' / in.	CHECKED -	REVISOR -
PLOT DATE = 7/6/2023	DATE -	REVISOR -

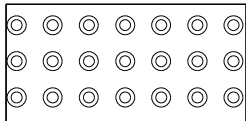
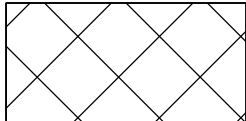


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 & COX ST
ADA RAMP SW QUAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	74
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				



	DETECTABLE WARNING
	TRANSITION PANEL
	LANDING/TURNING AREA
ME	MATCH EXISTING ELEVATION
	EXISTING RIGHT OF WAY

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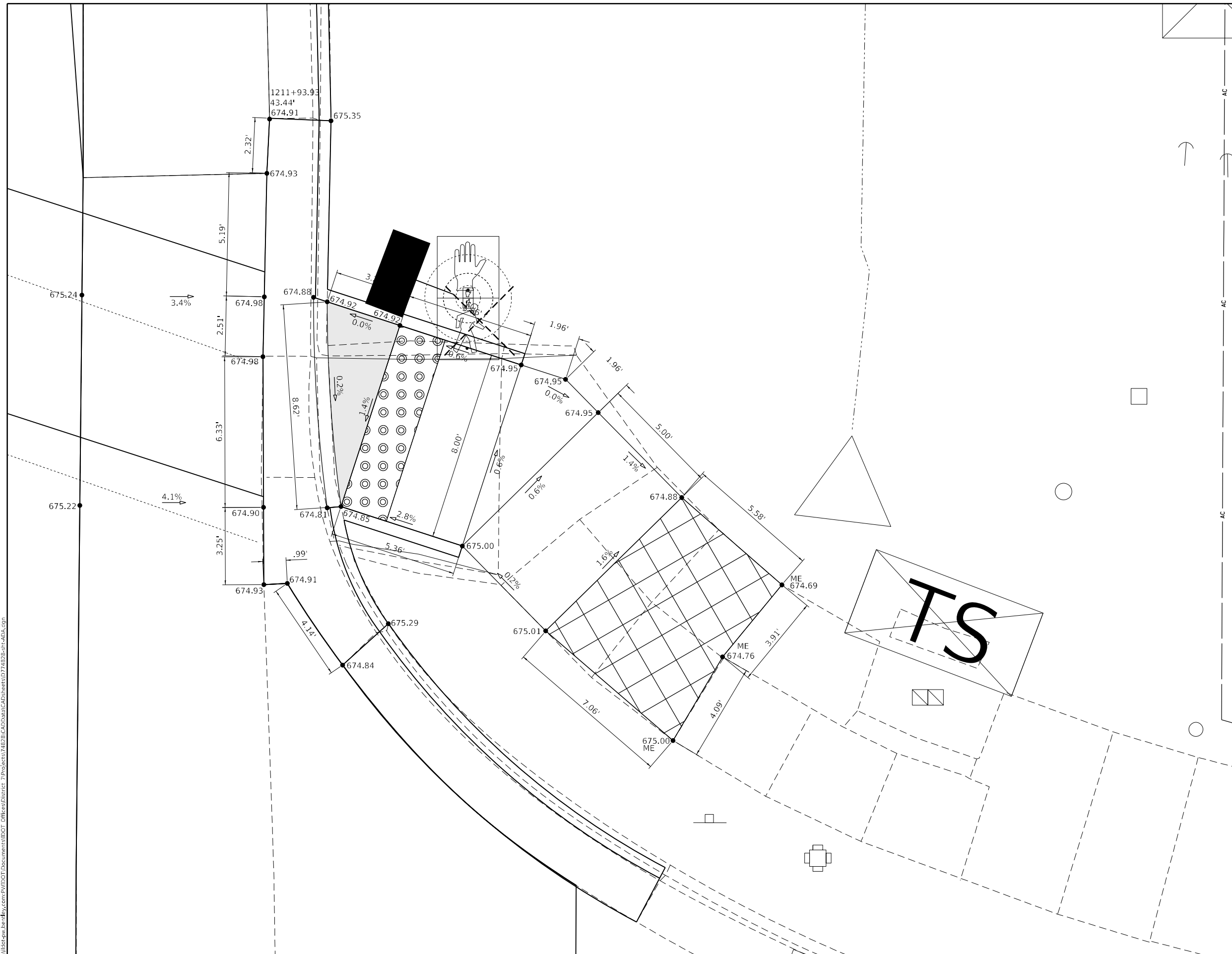
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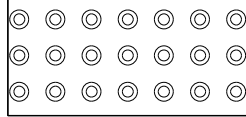
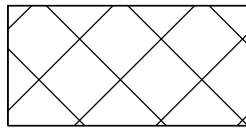



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 & WEAVER RD
ADA RAMP NW QUAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 322	SECTION (50R-1,R-2)RS-2,N-1	COUNTY MACON	TOTAL SHEETS 111	SHEET NO. 76
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74828	



- 
DETECTABLE WARNING
- 
TRANSITION PANEL
- 
LANDING/TURNING AREA
- 
MATCH EXISTING ELEVATION
- 
EXISTING RIGHT OF WAY

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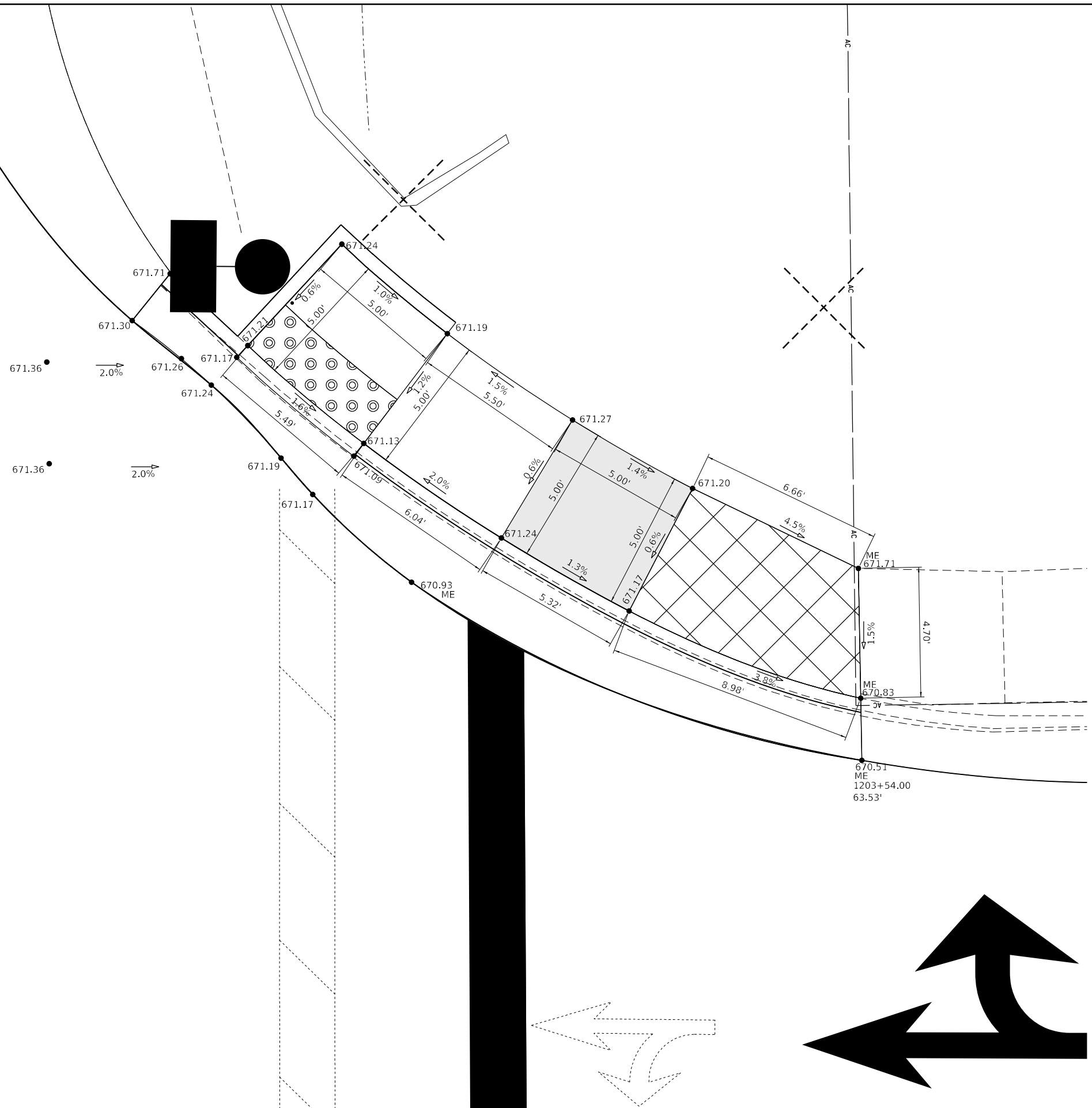
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 & WEAVER RD
ADA RAMP NE QUAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	77
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				



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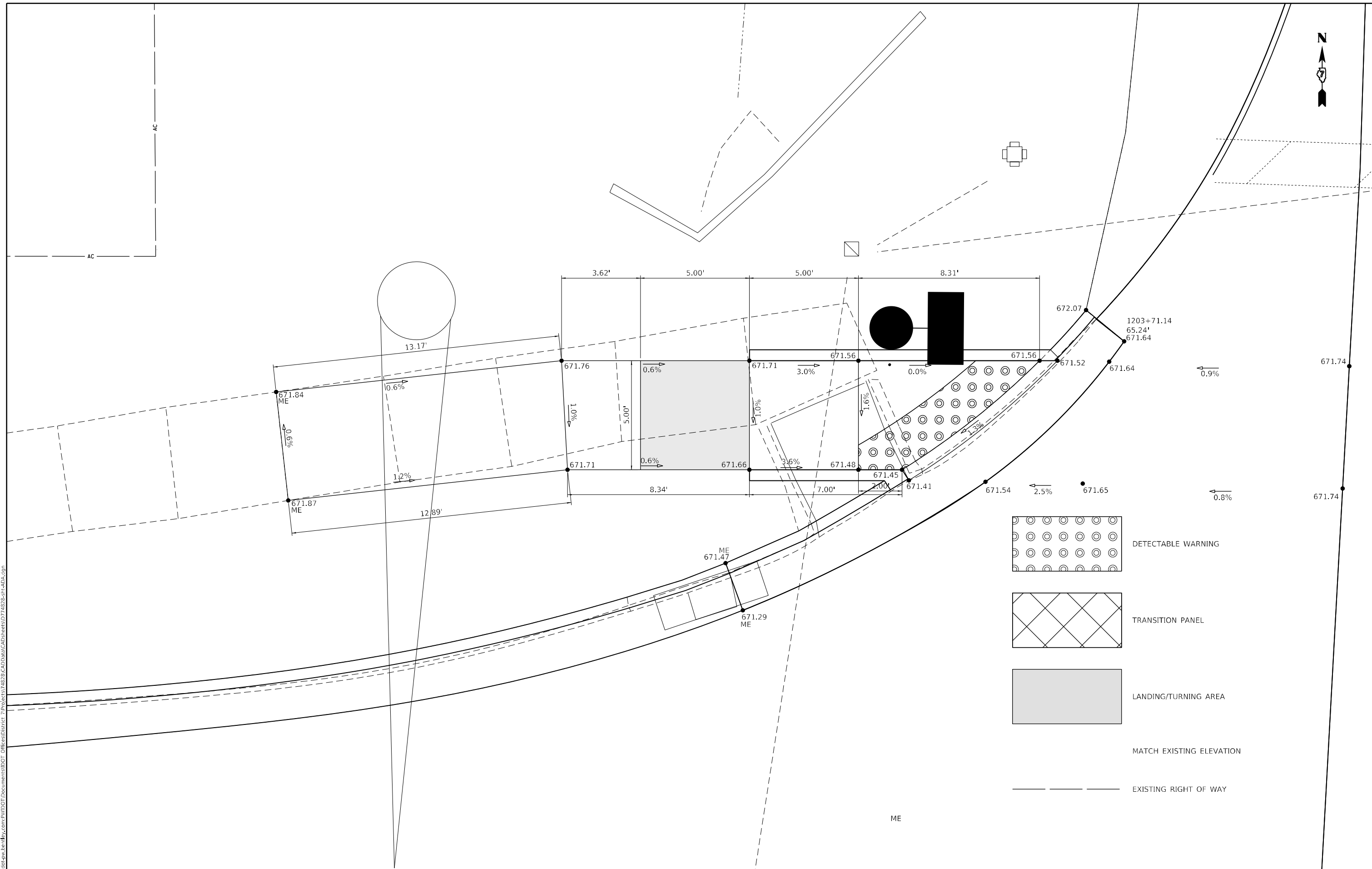
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 & MARION AVE
ADA RAMP NE QUAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 322	SECTION (50R-1,R-2)RS-2,N-1	COUNTY MACON	TOTAL SHEETS 111	SHEET NO. 78
			CONTRACT NO. 74828	
ILLINOIS FED. AID PROJECT				



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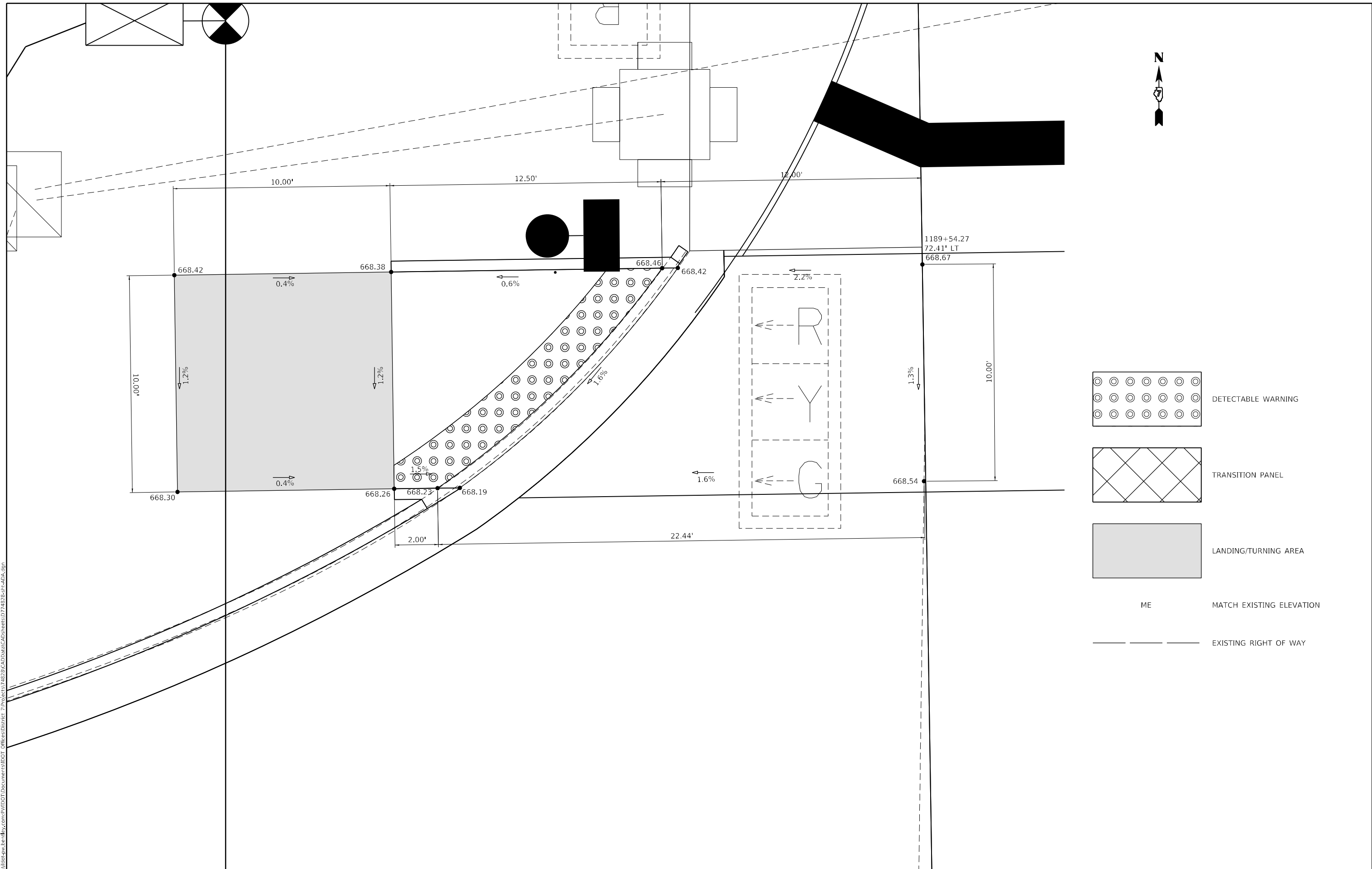
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 51 & MARION AVE
ADA RAMP NW QUAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	79
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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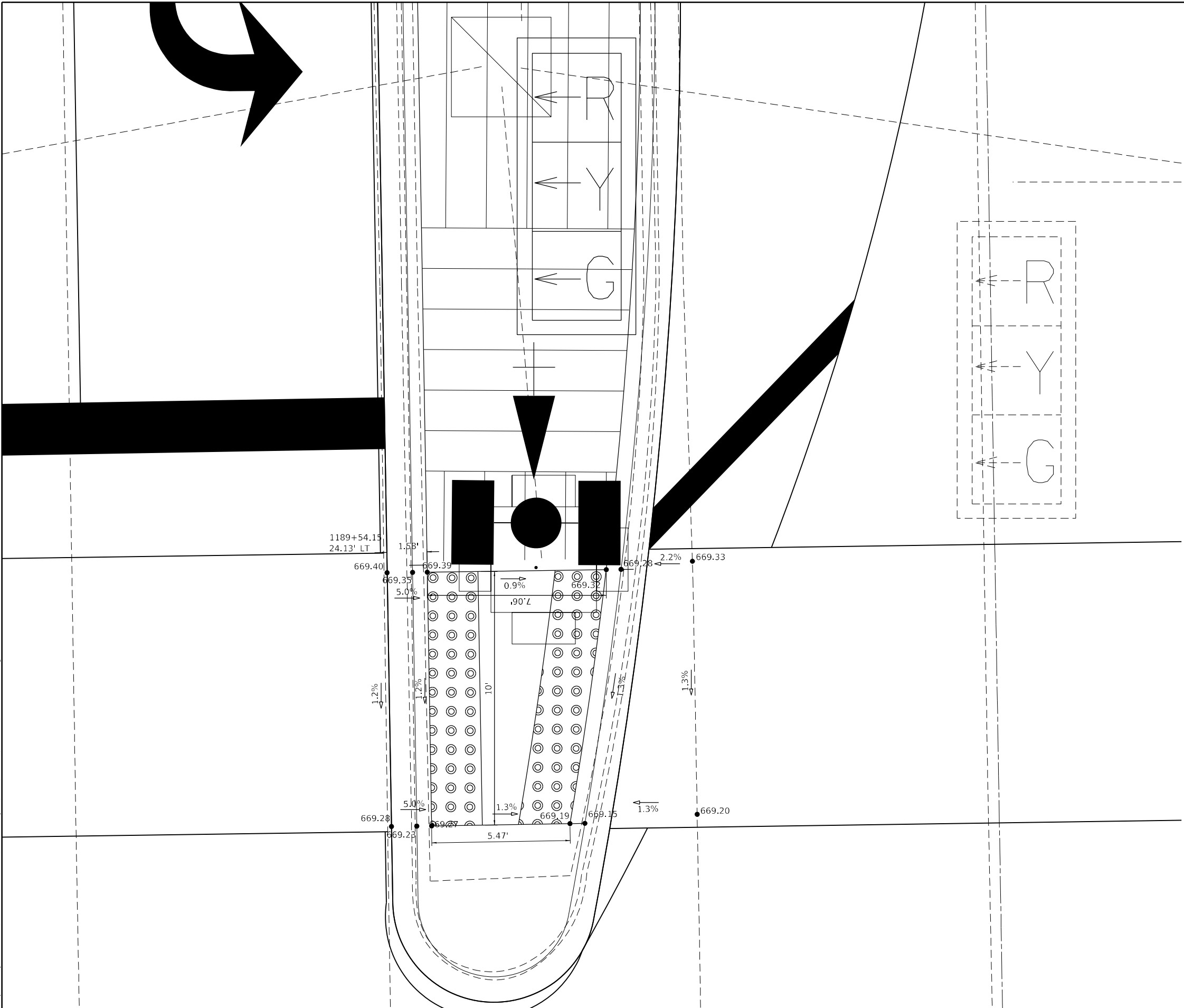


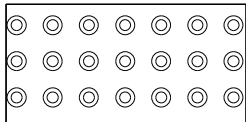
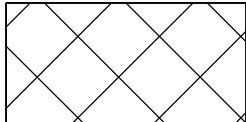
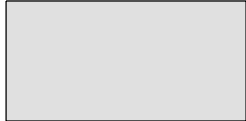
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US 51 & BARNETT
 ADA RAMP NW QUAD**

F.A.P. RTE. 322	SECTION (50R-1,R-2)RS-2,N-1	COUNTY MACON	TOTAL SHEETS 111	SHEET NO. 80
SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 74828
ILLINOIS FED. AID PROJECT				



 DETECTABLE WARNING
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 ME MATCH EXISTING ELEVATION
 --- EXISTING RIGHT OF WAY

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 & BARNETT AVE
ADA RAMP MEDIAN CROSSING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	81
CONTRACT NO. 74828			ILLINOIS FED. AID PROJECT	

TRAFFIC SIGNAL GENERAL NOTES

THIS TRAFFIC SIGNAL PORTION OF THIS PROJECT CONSISTS OF REPLACING A MAST ARM AND TRAFFIC SIGNALS TO FACILITATE A FREE FLOW RIGHT TURN AT THE INTERSECTION OF US 51 AND BARNETT AVE. OTHER IMPROVEMENTS ARE UPDATING PEDESTRIAN SIGNALS AT THE INTERSECTIONS OF COX ST., WEAVER RD. AND MARION AVE ALL ALONG US 51 IN THE CITY OF DECATUR, MACON COUNTY.

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

THE TRAFFIC SIGNAL ENGINEER JOSH PORTER AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED AT 217-342-5677 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNIT.

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

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

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

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

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

THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE ELECTRICAL WORK PAY ITEM.

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

ALL NEW TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN HANDHOLES WILL ALLOWED ONLY FOR DETECTOR LOOPS IN THE FIRST HANDHOLE OR GULFBOX.

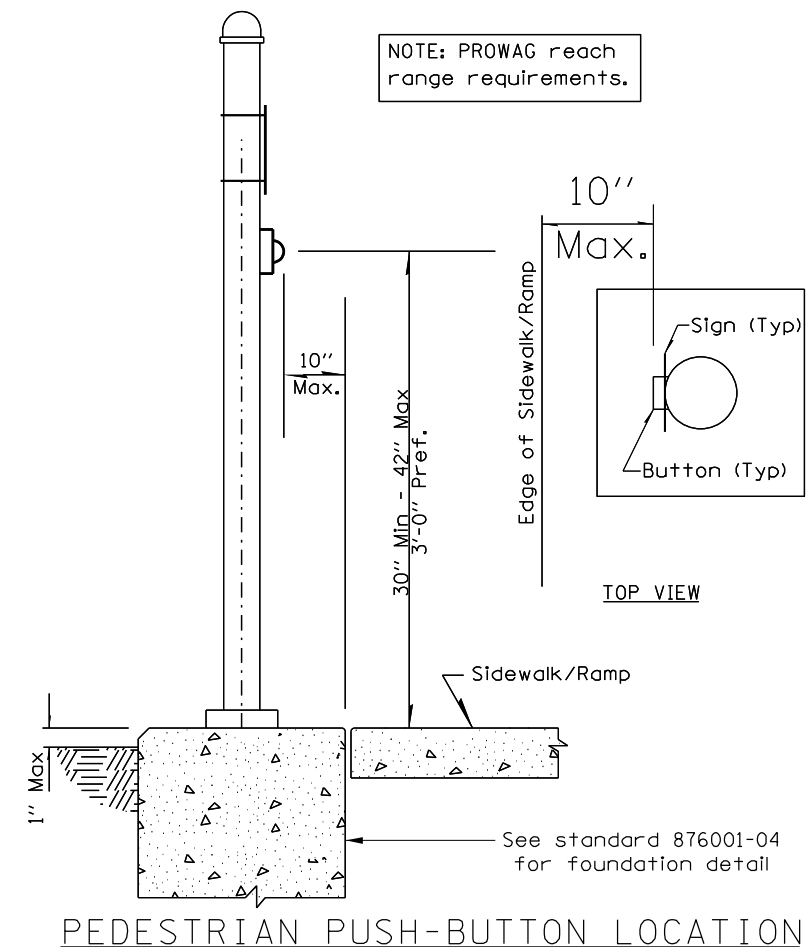
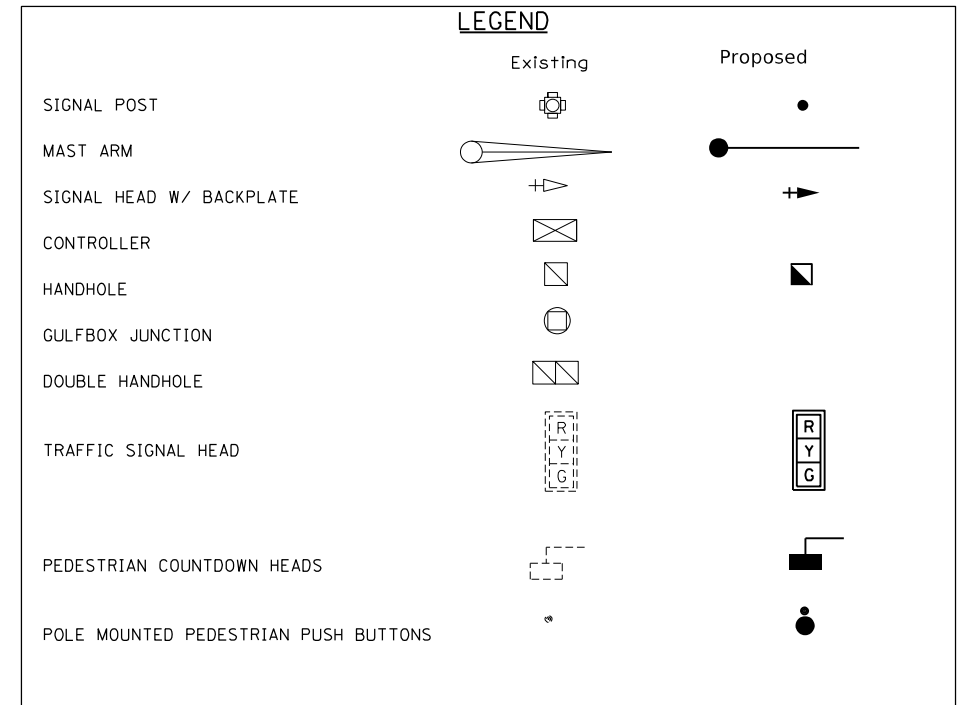
SPLICES WILL BE ALLOWED INSIDE THE HANDHOLE LOCATED ON THE MAST ARM POLE FOR ANY SIGNAL HEADS LOCATED ON THE MAST ARM.

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

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

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

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



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC AND PEDESTRIAN SIGNALS
GENERAL NOTES/DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	83
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74828	

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

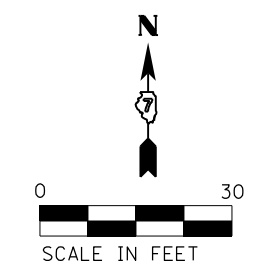
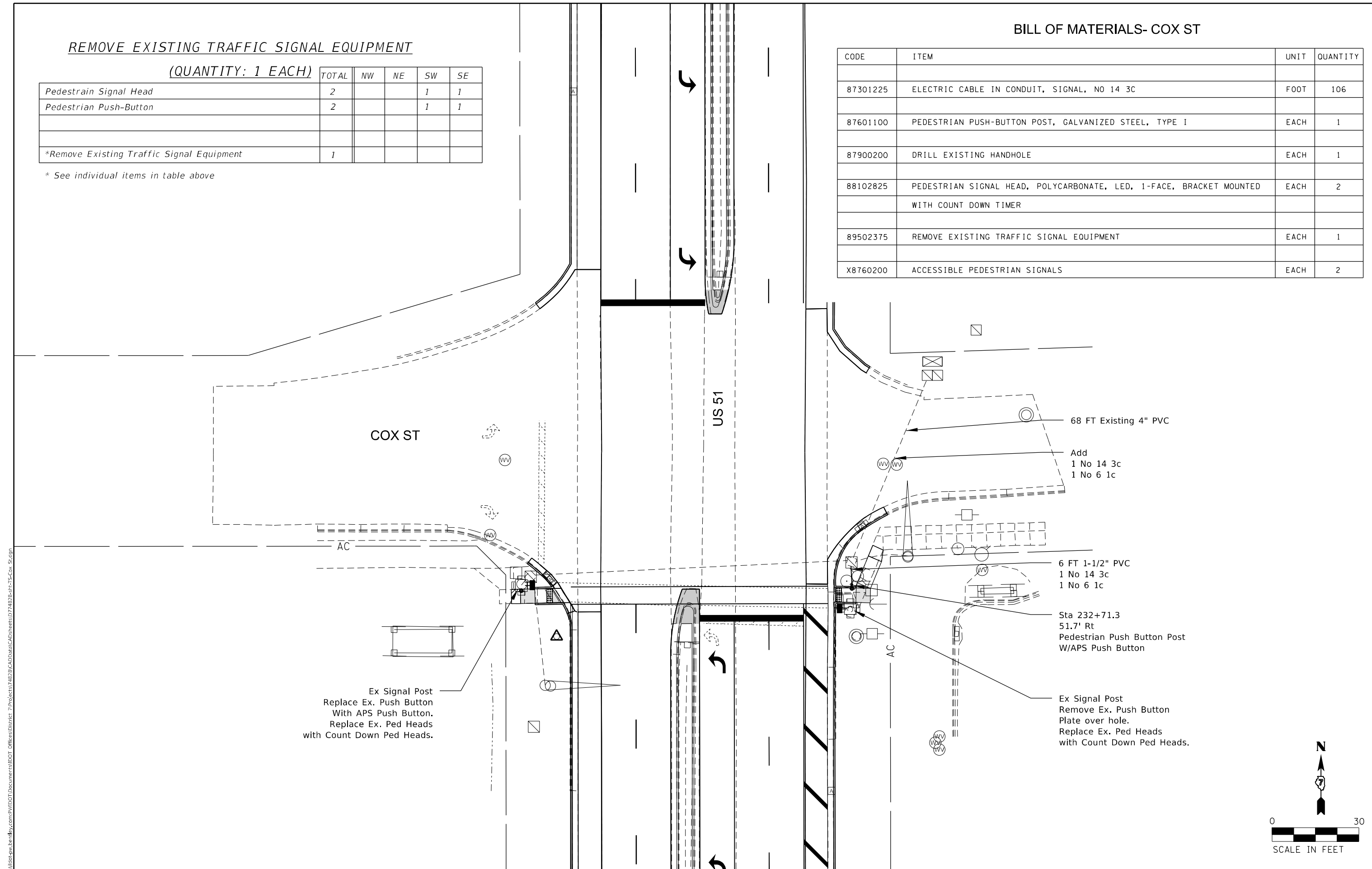
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	TOTAL	NW	NE	SW	SE
Pedestrian Signal Head	2			1	1
Pedestrian Push-Button	2			1	1
*Remove Existing Traffic Signal Equipment	1				

* See individual items in table above

BILL OF MATERIALS- COX ST

CODE	ITEM	UNIT	QUANTITY
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 3C	FOOT	106
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	1
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF US 51 & COX ST
PED SIGNAL REPLACEMENT**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 322	SECTION (50R-1,R-2)RS-2,N-1	COUNTY MACON	TOTAL SHEETS 111	SHEET NO. 84
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

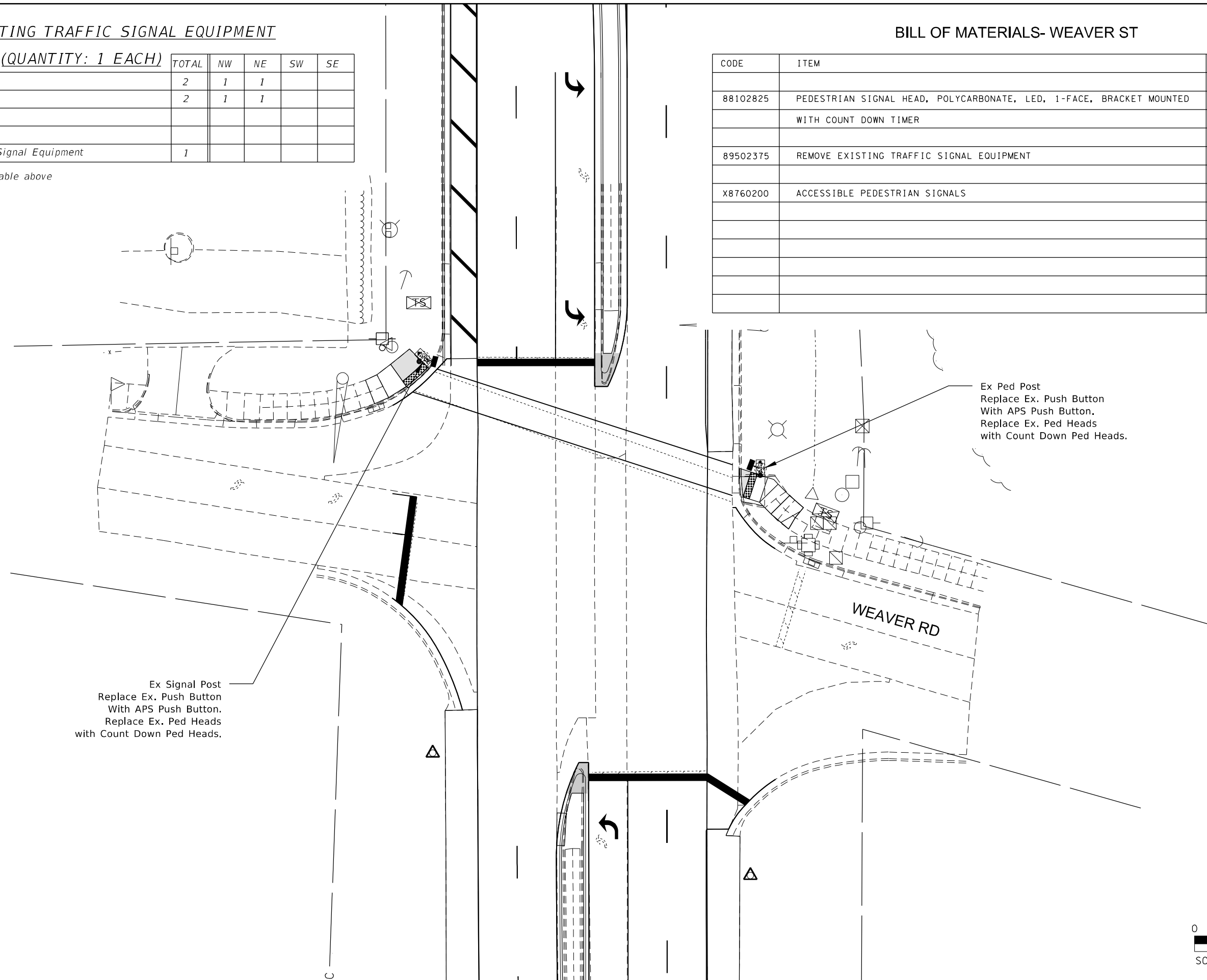
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	TOTAL	NW	NE	SW	SE
Pedestrian Signal Head	2	1	1		
Pedestrian Push-Button	2	1	1		
*Remove Existing Traffic Signal Equipment	1				

* See individual items in table above

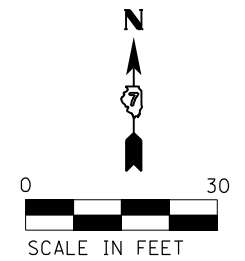
BILL OF MATERIALS- WEAVER ST

CODE	ITEM	UNIT	QUANTITY
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2



Ex Signal Post
Replace Ex. Push Button
With APS Push Button.
Replace Ex. Ped Heads
with Count Down Ped Heads.

Ex Ped Post
Replace Ex. Push Button
With APS Push Button.
Replace Ex. Ped Heads
with Count Down Ped Heads.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF US 51 & WEAVER RD
PED SIGNAL REPLACEMENT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	85
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

BILL OF MATERIALS- MARION AVE

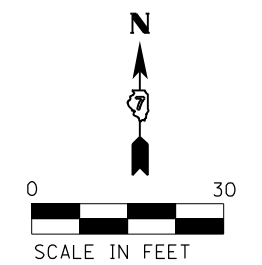
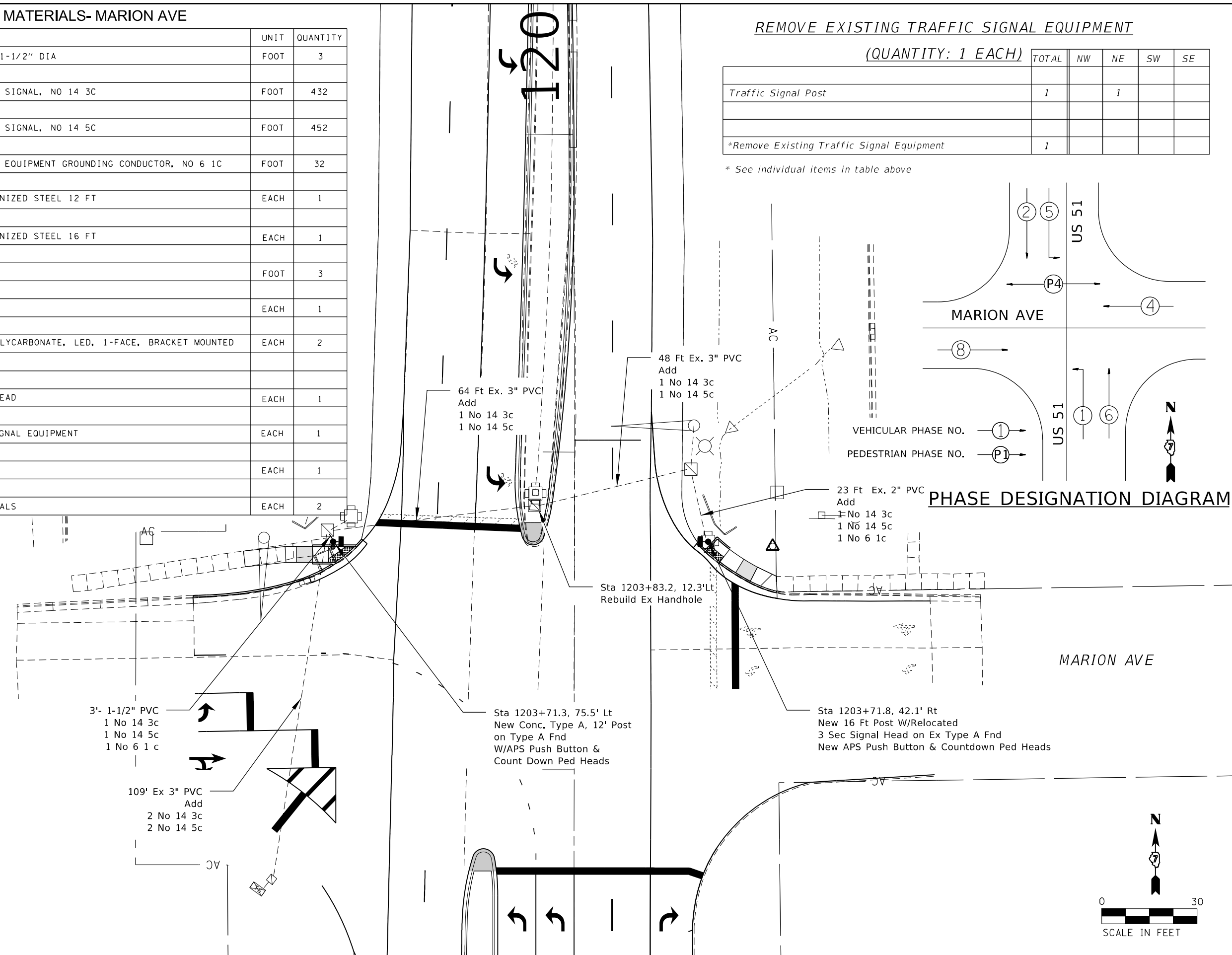
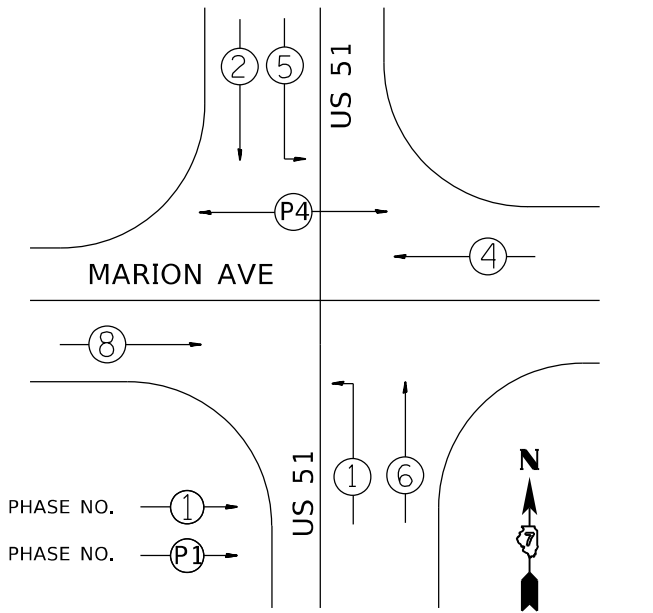
CODE	ITEM	UNIT	QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1-1/2" DIA	FOOT	3
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 3C	FOOT	432
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 5C	FOOT	452
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	32
87502460	TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT	EACH	1
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT	EACH	1
87800100	CONCRETE FOUNDATION TYPE A	FOOT	3
87900200	DRILL EXISTING HANDHOLE	EACH	1
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502376	REBUILD EXISTING HANDHOLE	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

(QUANTITY: 1 EACH)

	TOTAL	NW	NE	SW	SE
Traffic Signal Post	1		1		
*Remove Existing Traffic Signal Equipment	1				

* See individual items in table above



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PLOT DATE = 7/6/2023	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF US 51 & MARION AVE
PED SIGNAL REPLACEMENT**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	86
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

BILL OF MATERIALS- LUCILLE AVE

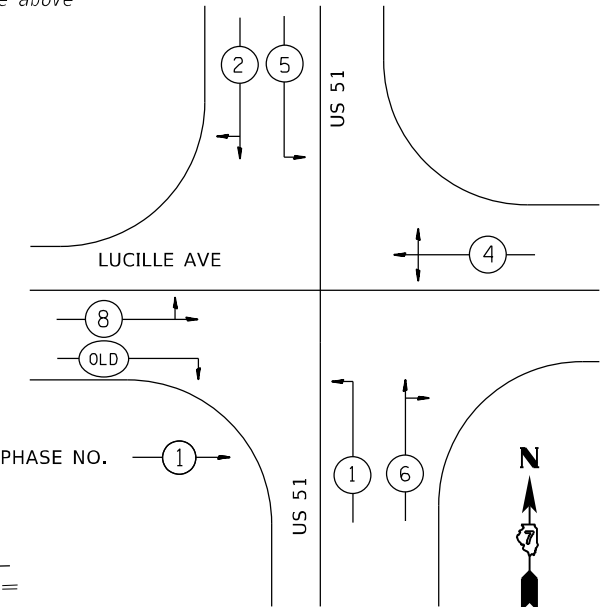
CODE	ITEM	UNIT	QUANTITY
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87800100	CONCRETE FOUNDATION TYPE A	FOOT	3
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
X8950310	RELOCATE EXISTING SIGNAL HEAD AND POST	EACH	1

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

(QUANTITY: 1 EACH)

	TOTAL	NW	NE	SW	SE
Remove Existing Concrete Foundation	1			1	
*Remove Existing Traffic Signal Equipment	1				

* See individual items in table above



PHASE DESIGNATION DIAGRAM

Sta 1195+22.6, 86.8' Lt
Relocate Existing 5 Sec Signal
Head & Post on
New Type A Fnd.

New 2" PVC Connect to Existing 2" PVC

42 Ft Existing 2" PVC

Ex. 1 No 14 7c

Existing Double Handhole

Existing Controller

LUCILLE AVE

1195+00

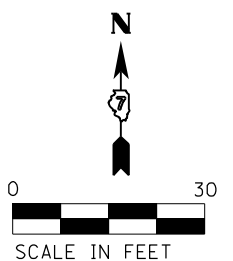
LUCILLE AVE

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

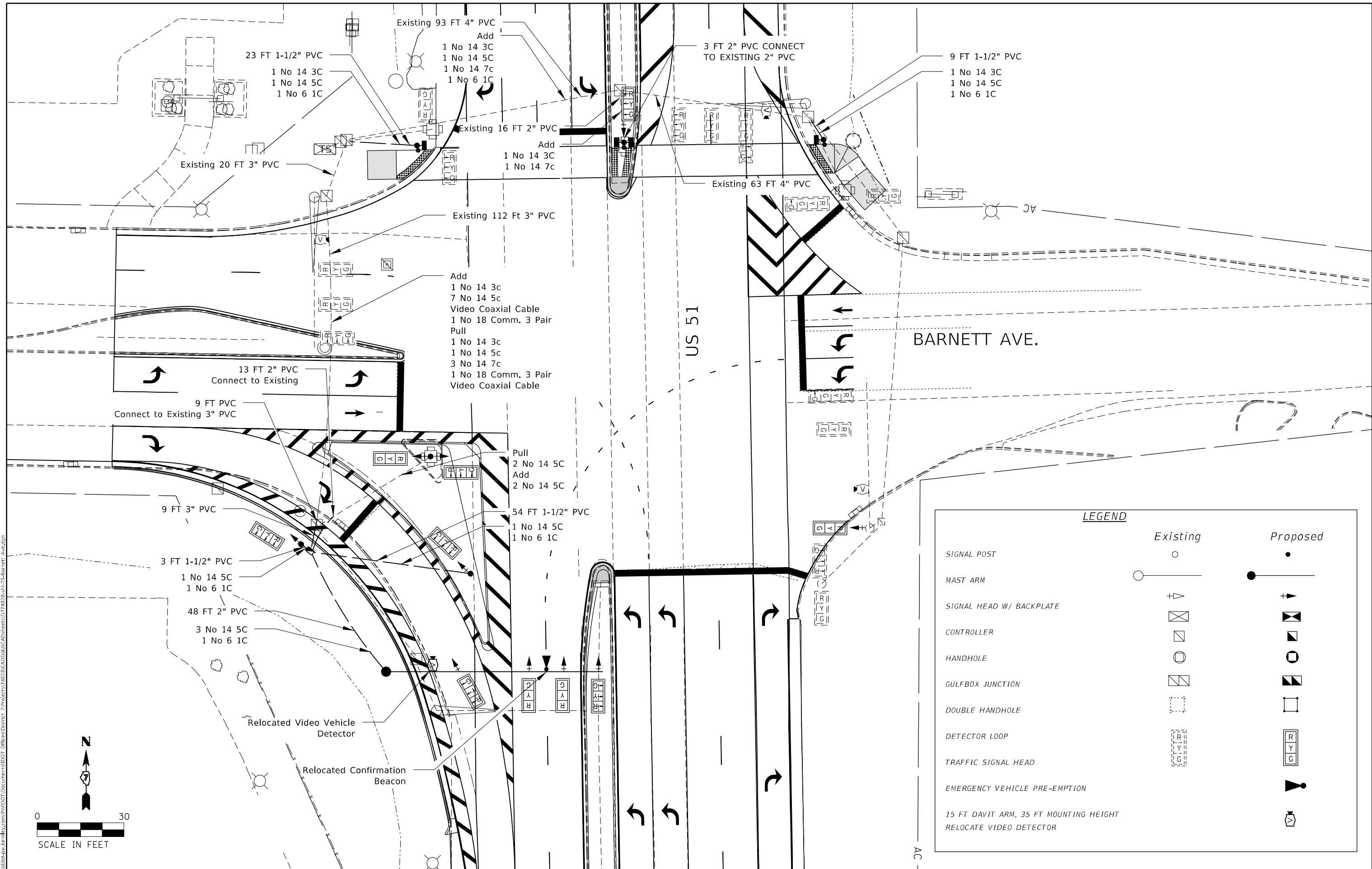
**INTERSECTION OF US 51 & LUCILLE AVE
SIGNAL POST RELOCATE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 74828			ILLINOIS FED. AID PROJECT	

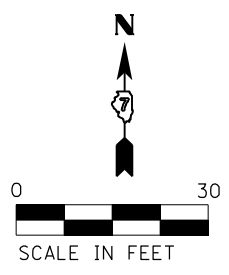
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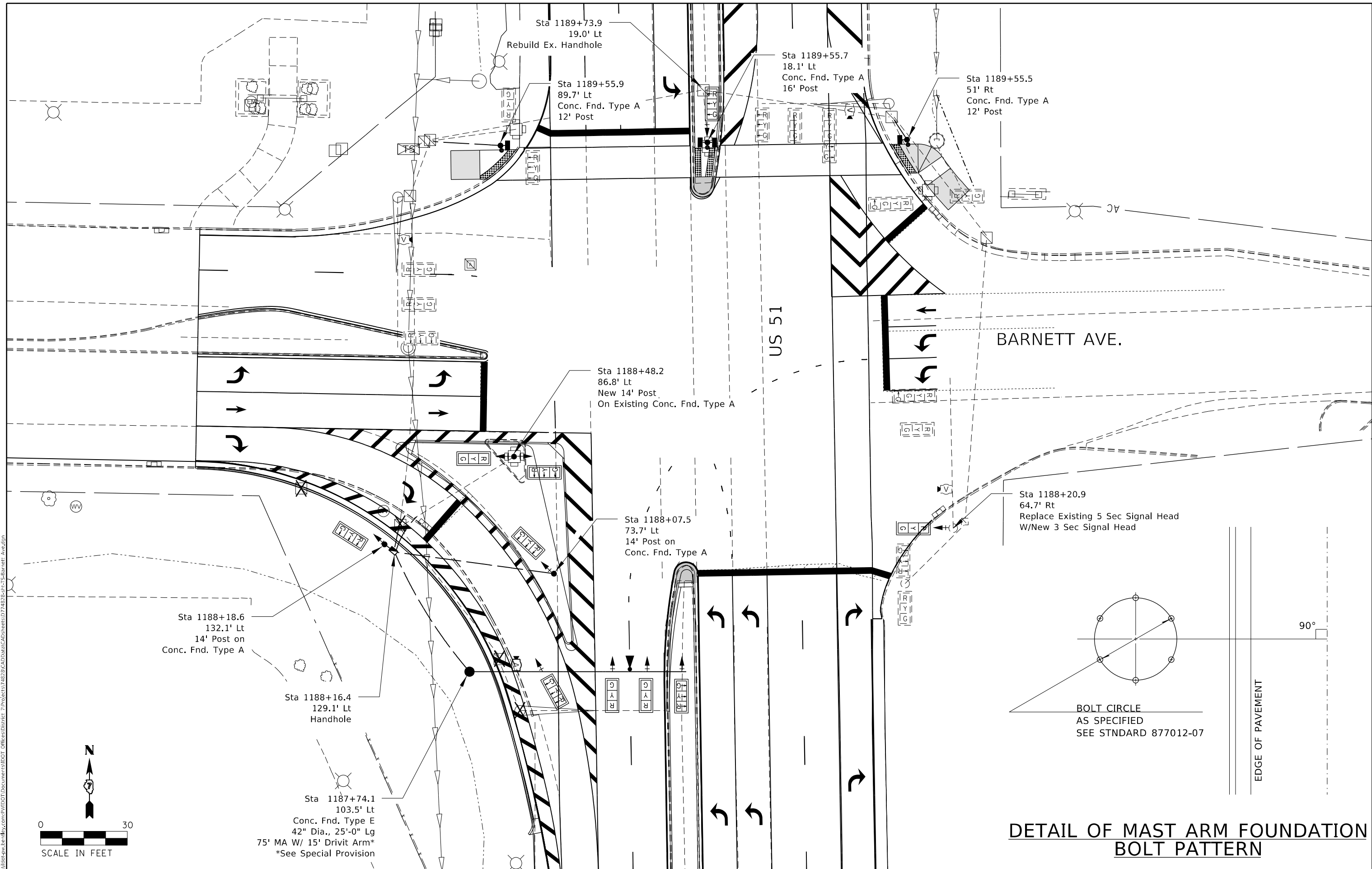
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

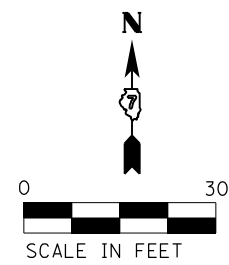
INTERSECTION OF US 51 & BARNETT AVE
CABLE LAYOUT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	50(R-1,R-2)RS-2,N-1	MACON	111	88
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				



**DETAIL OF MAST ARM FOUNDATION
BOLT PATTERN**



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PLOT SCALE = 30,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 7/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

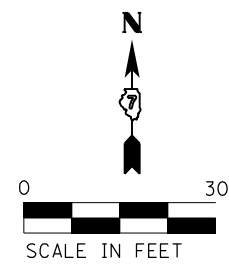
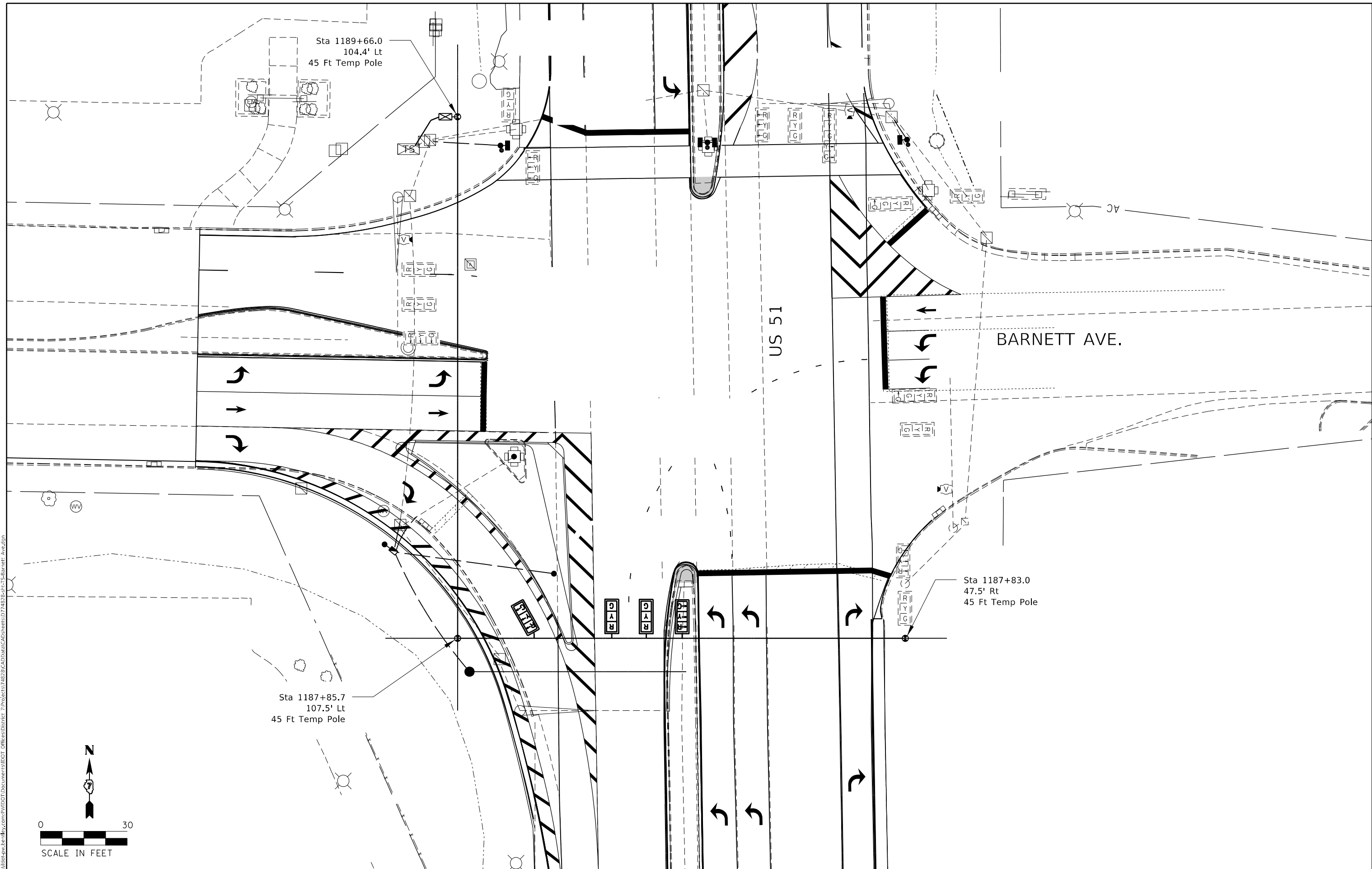
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF US 51 & BARNETT AVE
SIGNAL LAYOUT**

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CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 7/6/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INTERSECTION OF US 51 & BARNETT AVE TEMPORARY SIGNALS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	90
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

BILL OF MATERIALS- BARNETT AVE

CODE	ITEM	UNIT	QUANTITY
72000100	SIGN PANEL TYPE 1	SOFT	13
72400720	RELOCATE SIGN PANEL-TYPE 2	SOFT	12
81028340	UNDERGROUND CONDUIT, PVC, 1-1/2" DIA	FOOT	89
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	64
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA	FOOT	9
81400100	HANDHOLE	EACH	1
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 3C	FOOT	427
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 5C	FOOT	2061
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 7C	FOOT	154
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO 18 3 PAIR	FOOT	319
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	176
87502460	TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT	EACH	2
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT	EACH	3
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT	EACH	1
87703120	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 75 FT	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	15
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	25
87900200	DRILL EXISTING HANDHOLE	EACH	2
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10

BILL OF MATERIALS- BARNETT AVE

CODE	ITEM	UNIT	QUANTITY
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2286
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502376	REBUILD EXISTING HANDHOLE	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
X0323986	RELOCATE EXISTING VIDEO VEHICLE DETECTOR	EACH	1
X0324543	RELOCATE EXISTING CONFIRMATION BEACON	EACH	1
X8570015	CONTROLLER (SPECIAL)	EACH	1
X8730571	ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	319
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	3

REMOVAL ITEMS

	Total	NW	NE	SE	SW	MEDIAN
Remove Existing Service Installation	Each	-	-	-	-	-
Remove Existing Handhole	Each	3	-	-	3	-
Remove Existing Controller	Each	1	1	-	-	-
Remove Existing Concrete Foundation	Each	2	-	-	1	1
Remove Existing Traffic Signal Equipment *	Each	1	-	-	-	-

* See individual items in table below.

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

(QUANTITY: 1 EACH)

	TOTAL	NW	NE	SW	SE	MEDIAN
Traffic Signal Head-3 Section BM	1			1		
Traffic Signal Head-5 Section BM	2			1	1	
Traffic Signal Head-3 Section MAM	3			3		
Traffic Signal Mast Arm & Post	1			1		
Traffic Signal Post	2			1		1

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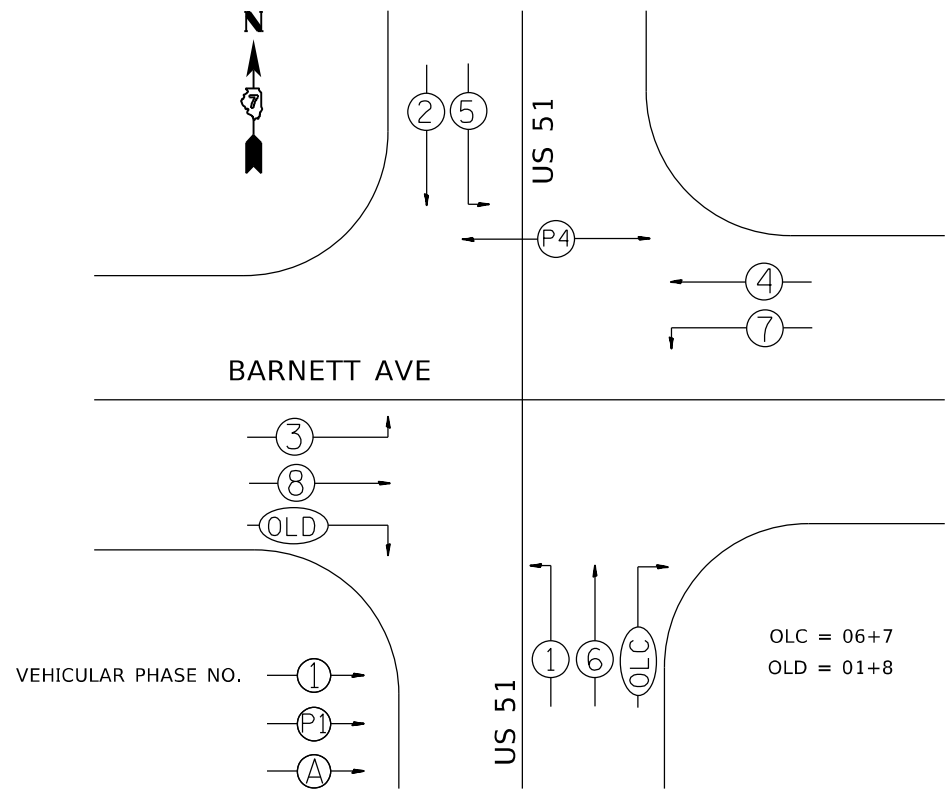
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

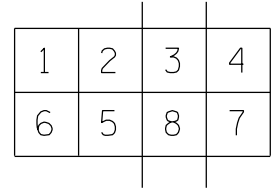
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BILL OF MATERIALS /REMOVAL ITEMS**

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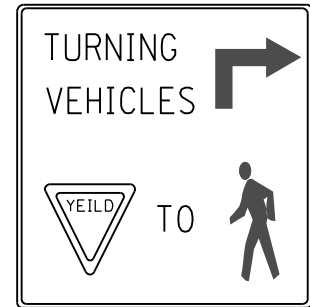
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	91
			CONTRACT NO. 74828	
ILLINOIS FED. AID PROJECT				



PHASE DESIGNATION DIAGRAM



RING STRUCTURE



30" X 30"
MUTCD SIGN DESIGNATION R10-15

Mount on existing near right traffic posts.
NW Quad and NE Quad.

MODEL: Default
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USER NAME = jessica.wille	DESIGNED -	REVISED -
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PLOT DATE = 7/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF US 51 & BARNETT AVE
DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	92
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				



Illinois Department
of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 3/1/23

ROUTE FAP 322 DESCRIPTION Intersection of US 51 & Barnett Avenue LOGGED BY E. Sandschafer

SECTION 50(R-1,R-2)RS-2,N-1 LOCATION Southwest Corner, SEC. 22, TWP. 17N, RNG. 2E, 3rd PM,
Latitude N 39.917287, Longitude W 88.955659

COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER Auto ETR=91.8% @57.4 bpm

STRUCT. NO. Traffic Signal Mast Arm
Station 1187+74.1
BORING NO. 1
Station 1187+48
Offset 85.0 ft LT
Ground Surface Elev. 665.97 ft

D	B	U	M	Surface Water Elev.	D	B	U	M
E	L	C	O	NA	E	L	C	O
P	O	S	I	ft	P	O	S	I
T	W	S	T	ft	T	W	S	T
H	S	Qu	T	Groundwater Elev.:	H	S	Qu	T
(ft)	(/6")	(tsf)	(%)	First Encounter	(ft)	(/6")	(tsf)	(%)
				Upon Completion				
				After NA Hrs. Backfilled				

1-1/2-inches of Asphalt over 12-inches of Concrete	664.85				Stiff, moist, brown, CLAY LOAM		3	1.8	11
Stiff, moist, brown, CLAY LOAM							6	B	
		1			Very stiff		2		
		1	1.2	17			5	2.3	11
		1	B				6	B	
					Stiff		2		
		-5					-25		
		2	1.7	14			4	1.8	13
		3	B				5	B	
	658.97								
Very stiff, moist, brown, CLAY LOAM Till		1					1		
		3	2.1	13			3	1.4	12
		4	B				6	B	
		-10					-30		
		2	2.5	13			4	1.7	12
		5	B				7	B	
					Benchmark: Northwest Corner of Traffic Signal Foundation located at Southwest Corner of US 51 and Barnett Avenue. Elevation = 666.3 feet. End of Boring				
		1							
		6	3.3	12					
		10	B						
		-15					-35		
		8	3.9	11					
		10	B						
		3							
		6	2.3	12					
		9	B						
	645.97	-20					-40		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), WH-Weight of Hammer,
NT-Not Tested.

BBS, form 137 (Rev. 8-99)

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SOIL BORING 058-0000 US 51 & BARNETT AVENUE TRAFFIC SIGNAL 2023.GPJ IL_DOT_GDT 5/8/23

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

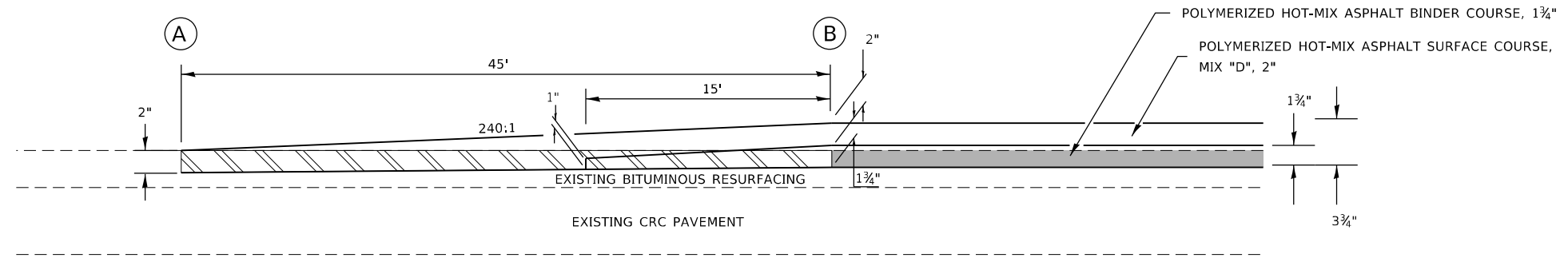
INTERSECTION OF US 51 & BARNETT AVE
BORING LOGS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	93
			CONTRACT NO. 74828	
		ILLINOIS	FED. AID PROJECT	

PAVING DETAILS

(A) STATION	TO	(B) STATION	
1158+11.3		1158+56.3	NB & SB
450+84.7		451+29.7	LOOP F
452+29.2		451+84.2	LOOP F
421+14.2		421+59.2	RAMP E
307+33.5		306+88.5	RAMP C



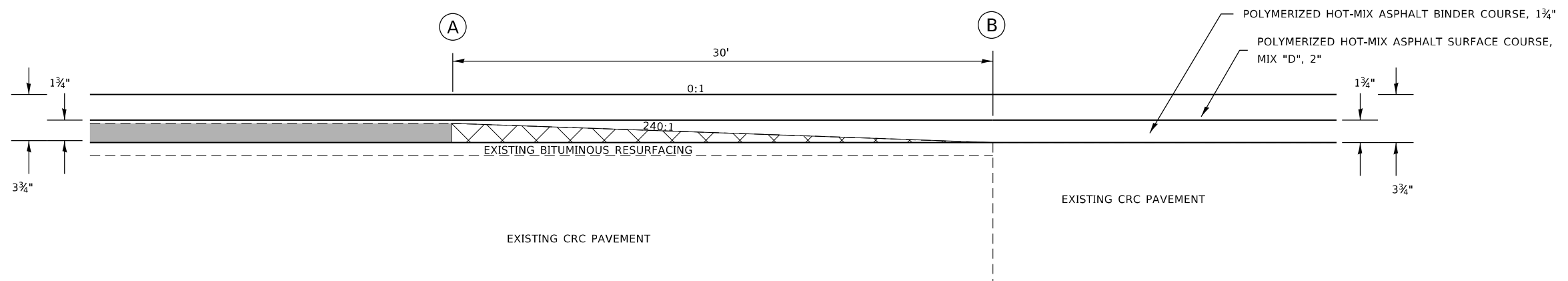
HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT"

NOT TO SCALE

PAVING DETAILS

(A) STATION	TO	(B) STATION	
1204+40.26		1204+70.26	SB LANES



PAVING TRANSITION (PAID FOR AS HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2")

HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

NOT TO SCALE

MODEL: Default
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

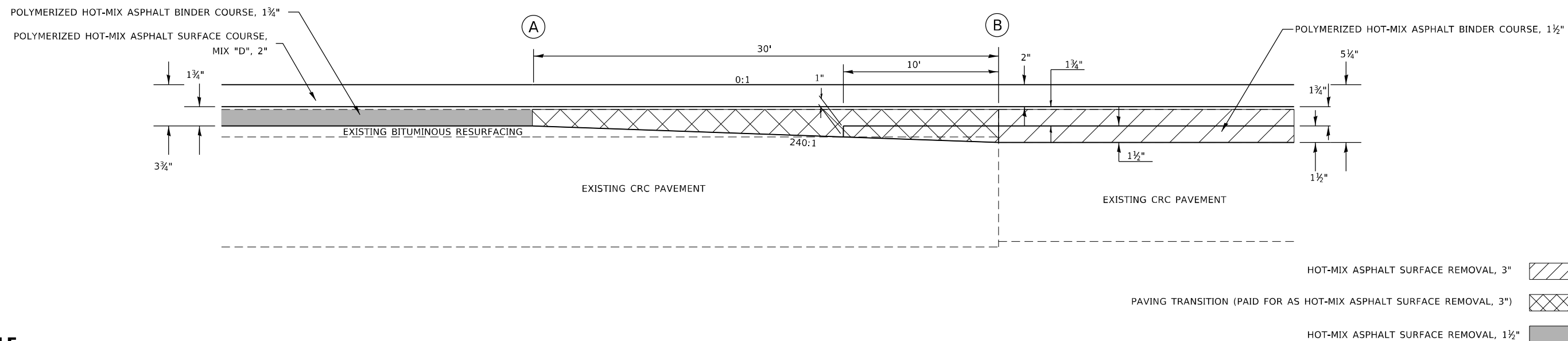
PAVING DETAILS

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

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322	(50R-1,R-2)RS-2,N-1	MACON	111	94
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

PAVING DETAILS

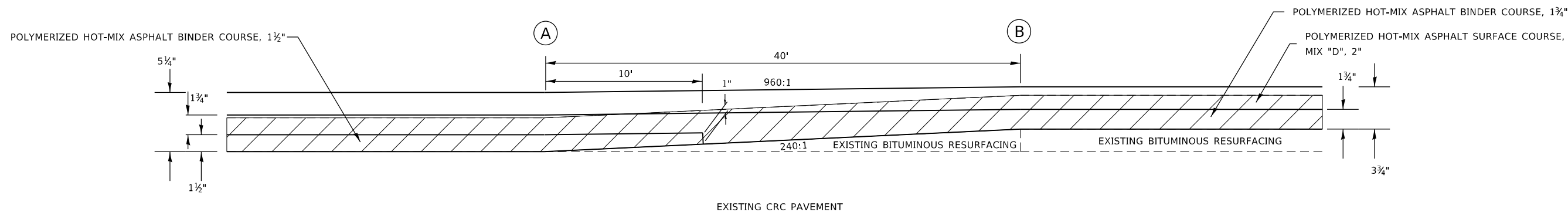
A STATION 1203+94.04 TO STATION B 1204+24.04 NB LANES



NOT TO SCALE

PAVING DETAILS

A STATION 1207+56 TO STATION B 1207+96 NB LANES



NOT TO SCALE

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

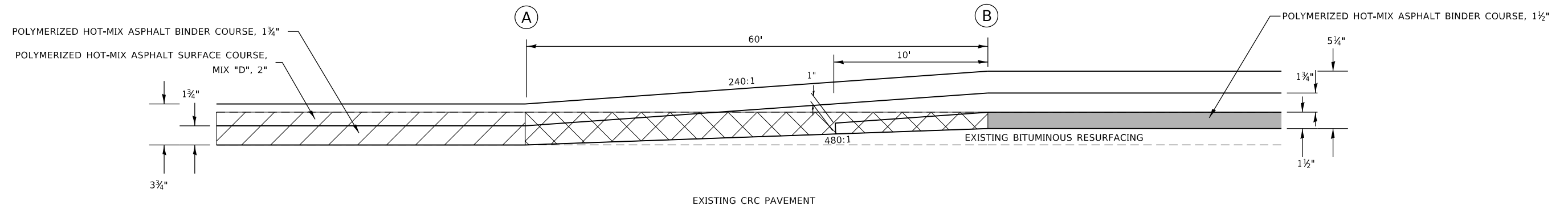
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SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	95
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

PAVING DETAILS

A B
STATION TO STATION
 216+81 217+41 NB LANES

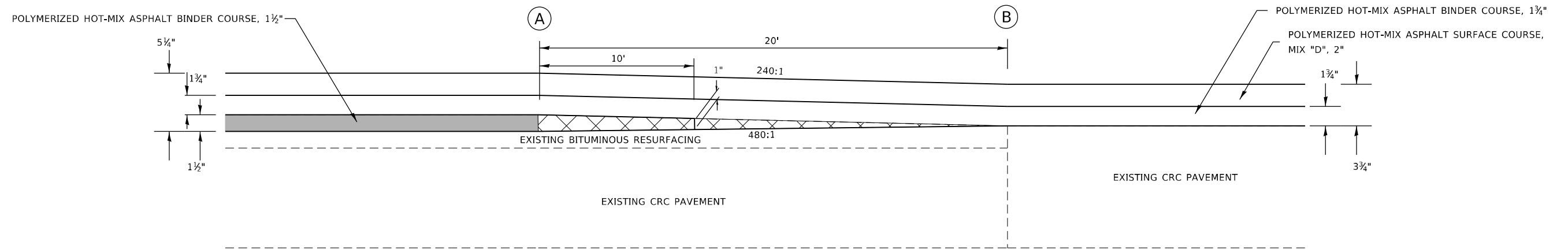


- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- PAVING TRANSITION (PAID FOR AS HOT-MIX ASPHALT SURFACE REMOVAL, 3")
- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

NOT TO SCALE

PAVING DETAILS

A B
STATION TO STATION
 247+05.55 247+25.55 NB LANES



- PAVING TRANSITION (PAID FOR AS HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2")
- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

NOT TO SCALE

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

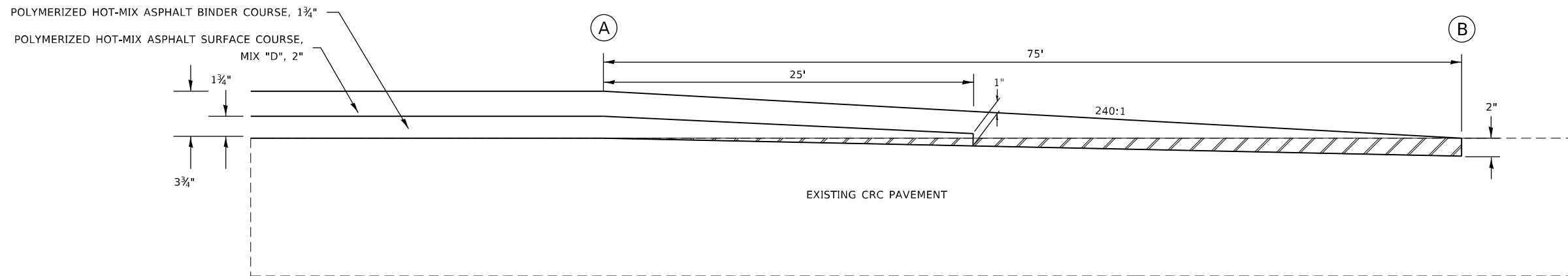
PAVING DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	96
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

MILLING TRANSITION A

A TO B
STATION STATION
 265+10 265+85 NB & SB

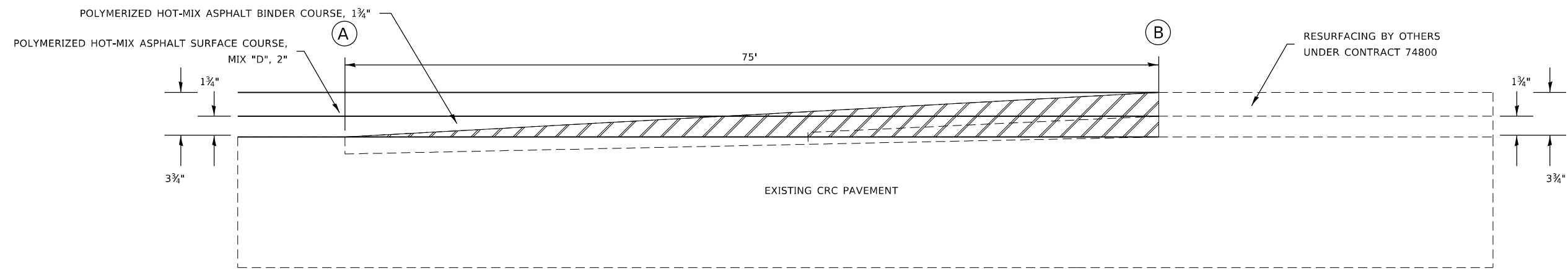


NOT TO SCALE

HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT*

MILLING TRANSITION B

A TO B
STATION STATION
 265+10 265+85 NB & SB



NOT TO SCALE

HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT*

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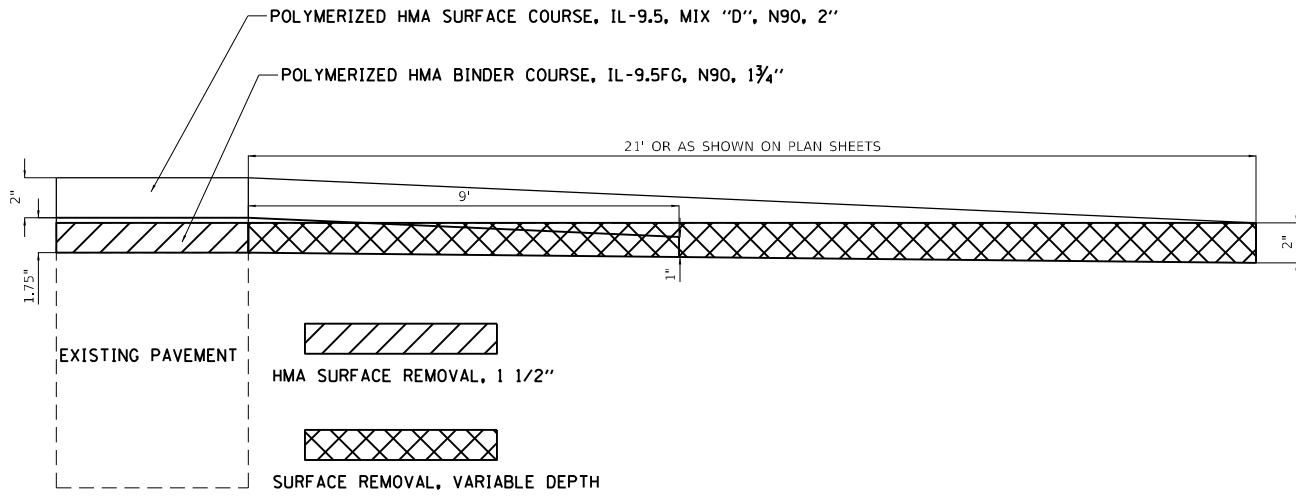
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVING DETAILS

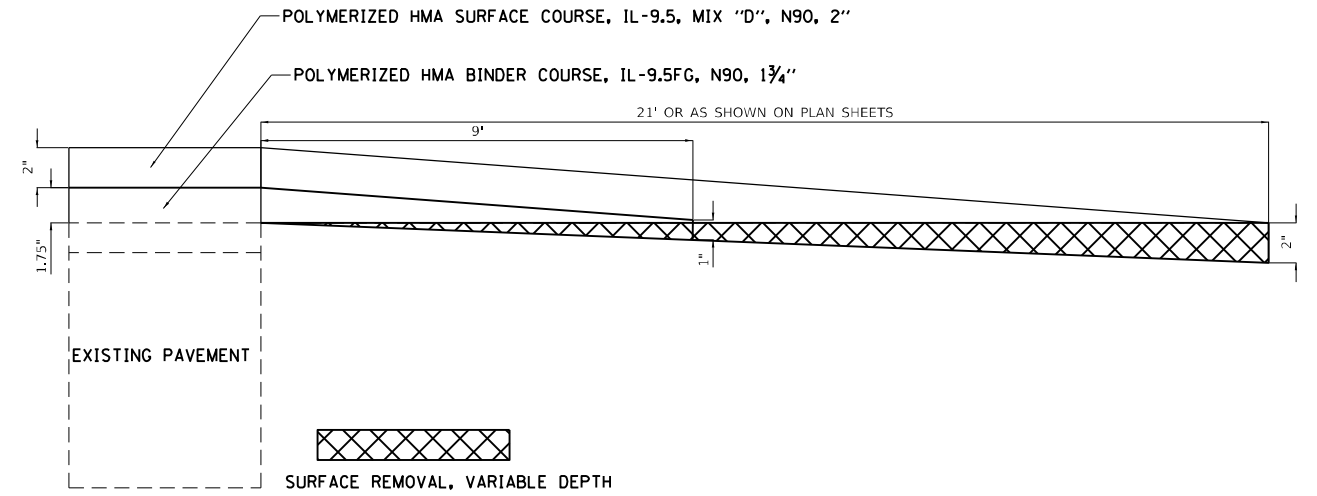
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				



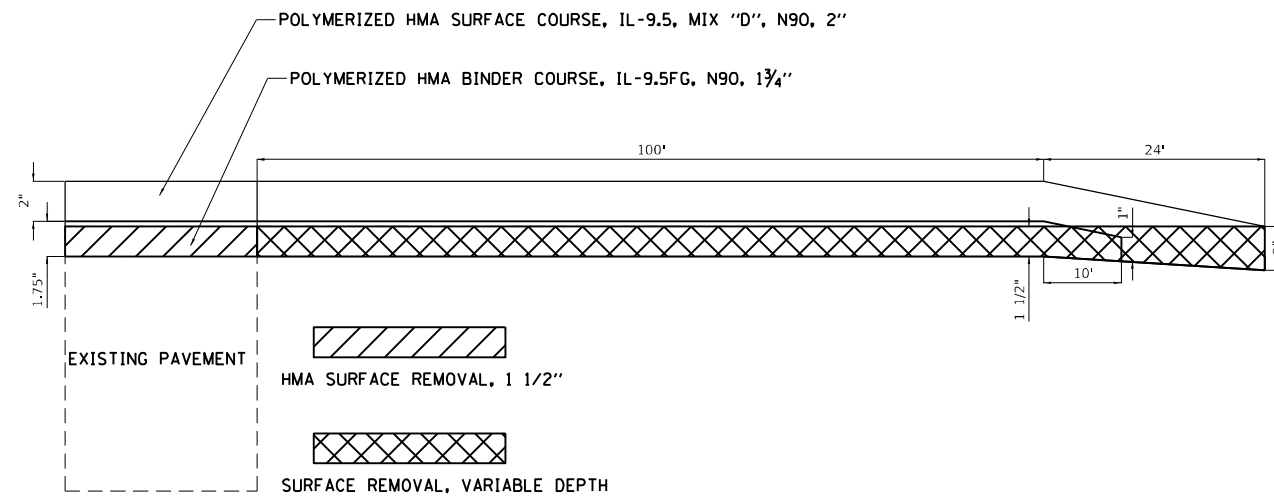
SIDE ROAD PAVING DETAIL

EAST BARNETT AVE
EAST HIGHLAND DR
WEST LUCILE AVE
EAST LUCILE AVE
WEST MARION AVE
EAST MARION AVE



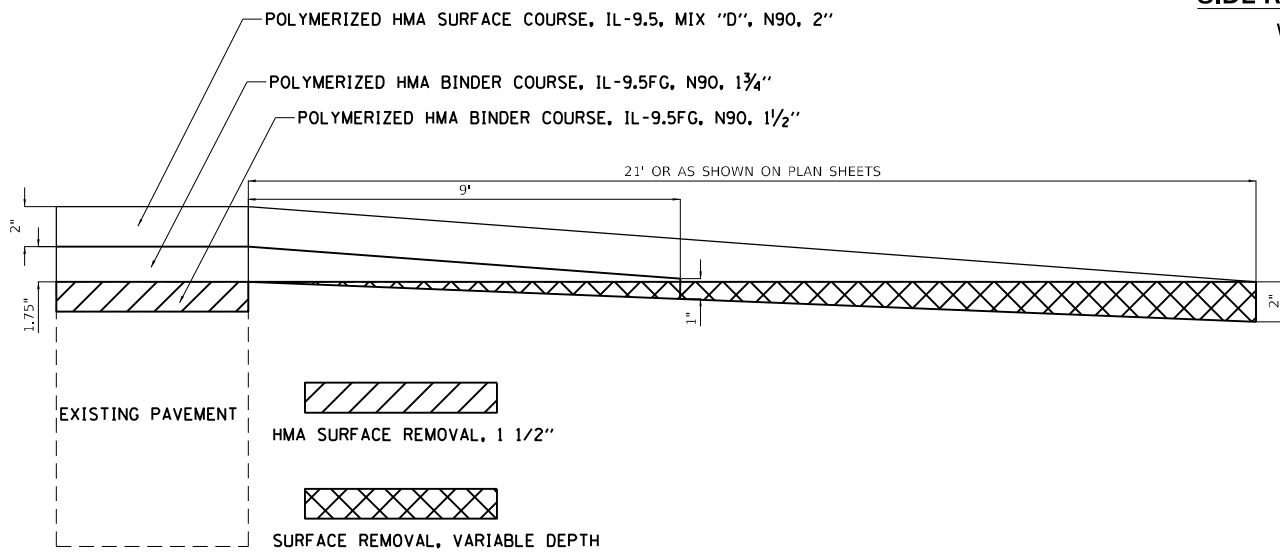
SIDE ROAD PAVING DETAIL

WEST WEAVER RD
WEST COX ST
WEST RUEHL ST
WEST MENARDS DR
FORSYTH PKWY
FORSYTH RD
SHAFFER ST



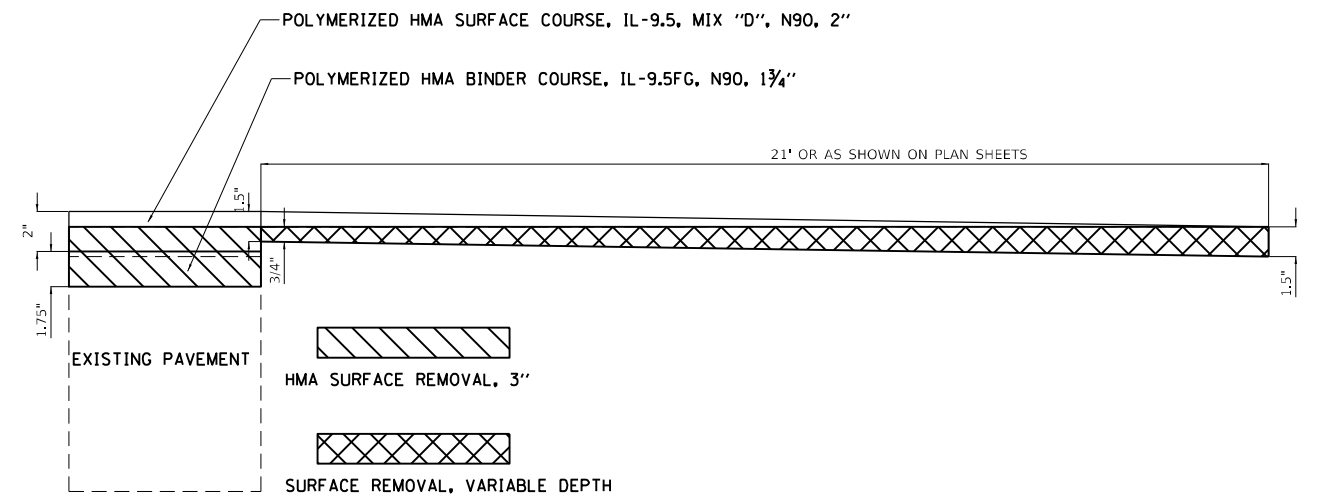
SIDE ROAD PAVING DETAIL

WEST BARNETT AVE



SIDE ROAD PAVING DETAIL

EAST MAGNOLIA DR
EAST COX ST
EAST FITCH ST
EAST RUEHL AVE
EAST GRANT ST



SIDE ROAD PAVING DETAIL

EAST WEAVER RD

NOT TO SCALE

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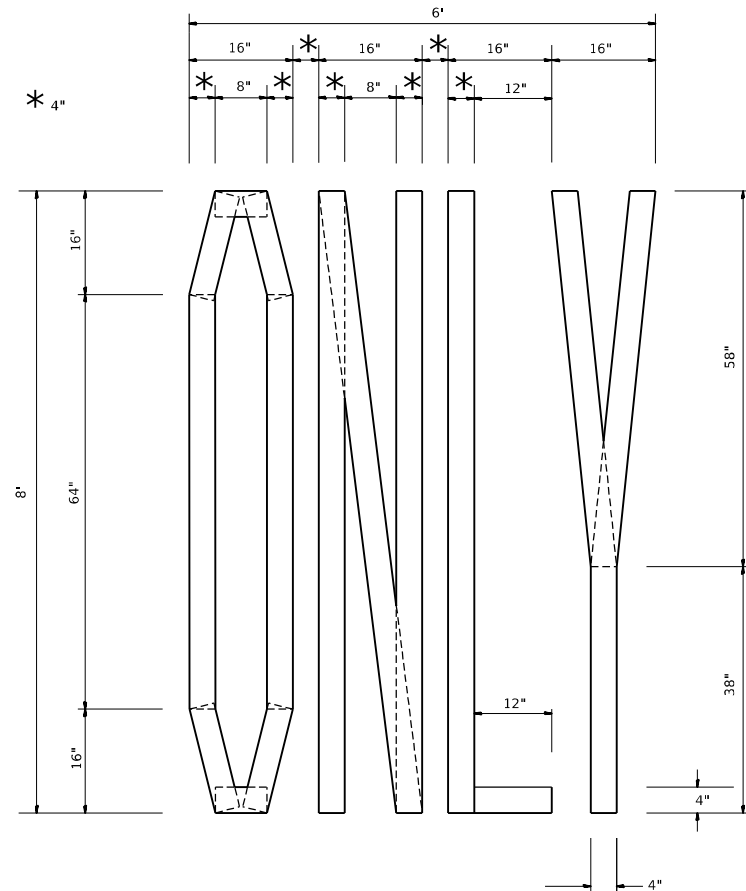
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVING DETAILS

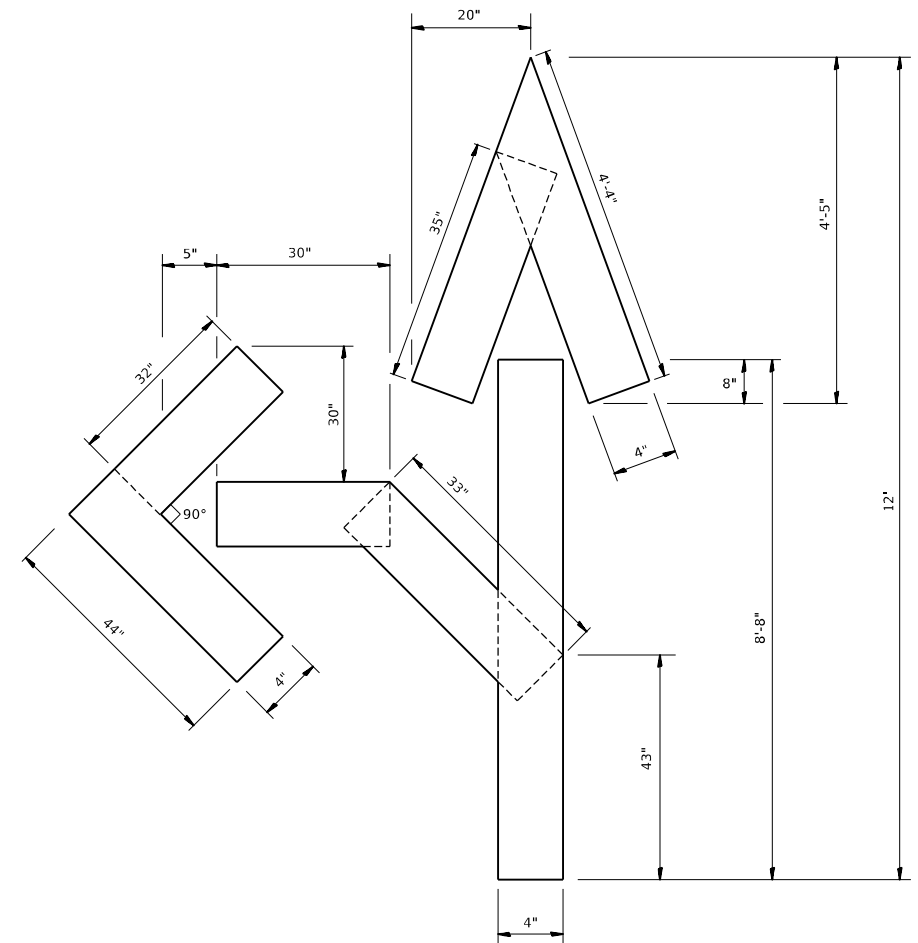
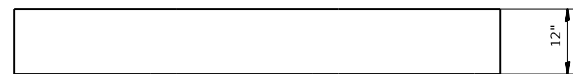
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 74828
ILLINOIS FED. AID PROJECT				

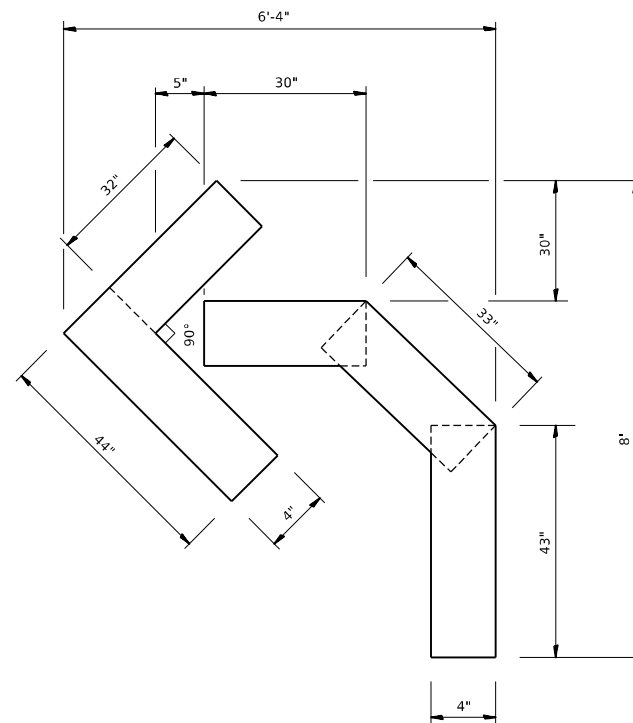


QUANTITY
4" LINE = 63.2 ft.
21.0 sq. ft.

SHORT TERM STOP BAR



QUANTITY
4" LINE = 27.5 ft.
9.2 sq. ft.



QUANTITY
4" LINE = 15.2 ft.
5.0 sq. ft.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

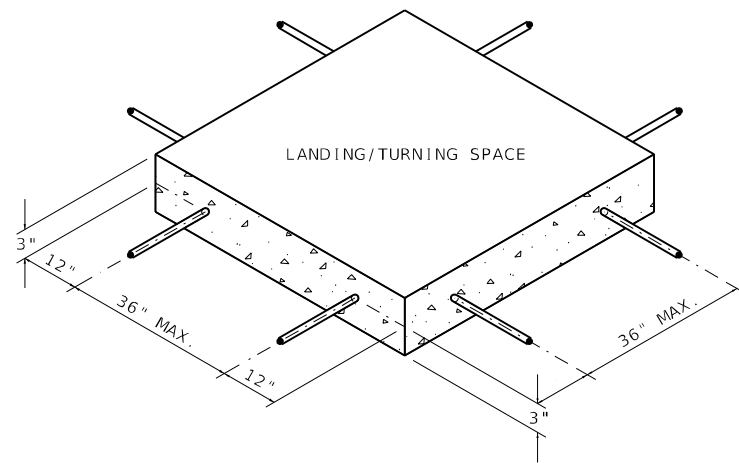
SHORT TERM PAVEMENT MARKINGS

SCALE: SHEET OF SHEETS STA. TO STA.

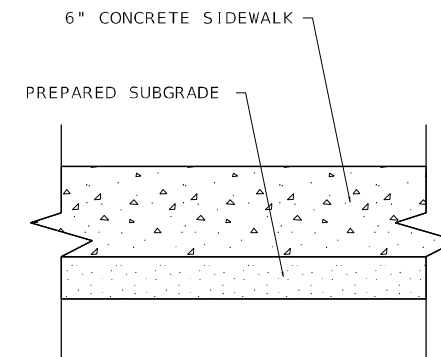
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	99
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74828	

ADA DETAILS

NOTE: TIE BARS SHALL BE OMITTED BETWEEN PROPOSED LANDING/TURNING SPACES AND PROPOSED TRANSITIONAL SEGMENTS.
(SEE SPECIAL PROVISION)



SIDEWALK REINFORCEMENT



TYPICAL SIDEWALK SECTION
WITHIN INTERSECTION CORNER

MODEL: Default
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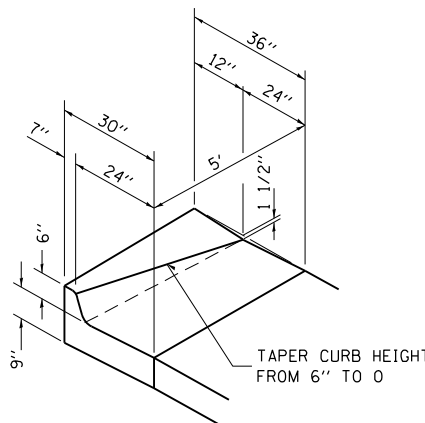
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	DRAWN -	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/6/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA DETAILS

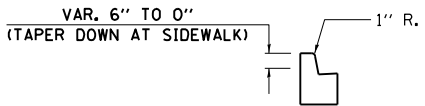
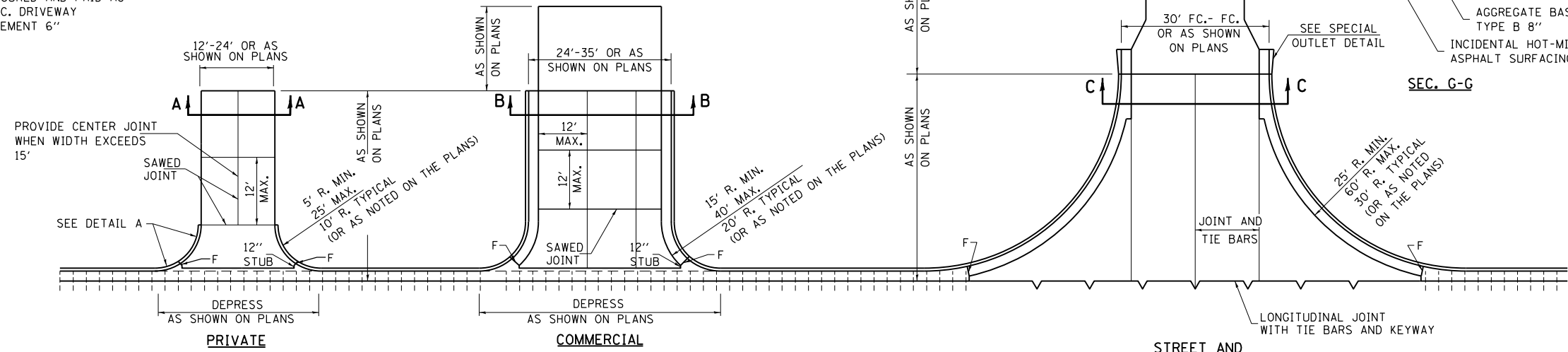
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	101
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

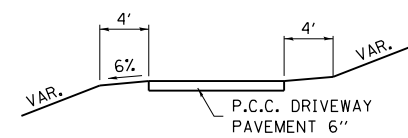


SPECIAL OUTLET FOR COMBINATION CURB AND GUTTER B-6.24

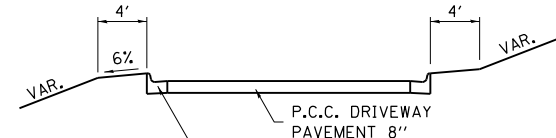
THE CURB ON PRIVATE ENTRANCES SHALL BE MEASURED AND PAID AS P.C.C. DRIVEWAY PAVEMENT 6"



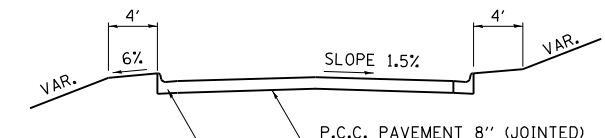
DETAIL A



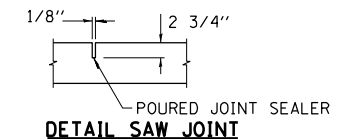
SEC. A-A



SEC. B-B



SEC. C-C



DETAIL SAW JOINT

NOTES

THE WORK FOR THE SPECIAL OUTLET FOR COMBINATION CURB & GUTTER B-6.24 SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPLICABLE PORTIONS OF STANDARD 606001 AND SECTION 606 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

OMIT TIE BARS WITHIN 15' OF MAINLINE PAVEMENT CONTRACTION JOINT OCCURRING WITHIN LIMITS OF ENTRANCES AND RADIUS RETURNS.

CONTRACTION JOINTS IN MAINLINE PAVEMENT SHALL EXTEND THRU ENTRANCES AND RADIUS RETURNS. SAWED JOINTS SHALL BE ADJUSTED ACCORDINGLY.

F = 1" PREFORMED EXPANSION JOINT FILLER.

WHEN PAVEMENT IS CONSTRUCTED MONOLITHICALLY, THE JOINTS SHALL BE SAWED JOINTS WITH TIE BARS. WHEN CONSTRUCTED OTHERWISE, THE JOINTS SHALL BE LONGITUDINAL JOINTS WITH TIE BARS AND KEYWAY.

DEPRESSED CURB & GUTTER THROUGH PRIVATE AND COMMERCIAL ENTRANCES SHALL BE PAID FOR AS CURB AND GUTTER.

MODEL: Default; FILE: h:\mfe_p\project-paw-beadwy.com\p\INDOT\Documents\DOT_Offices\Director_7\Project\174828\CADD\Drawings\CAD\Drawings\174828-1-R-2-1.dwg

USER NAME = jessica.hille	DESIGNED -	REVISED - 08-17-21
	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/6/2023	DATE -	REVISED -

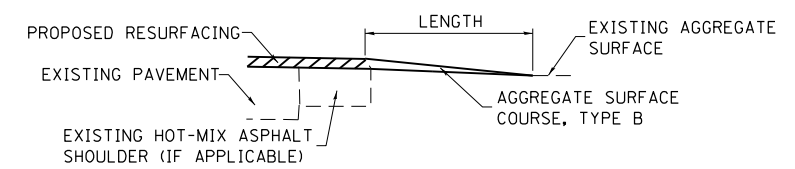
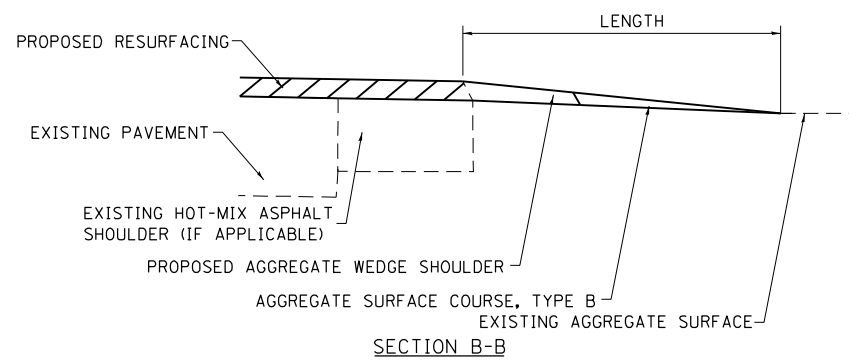
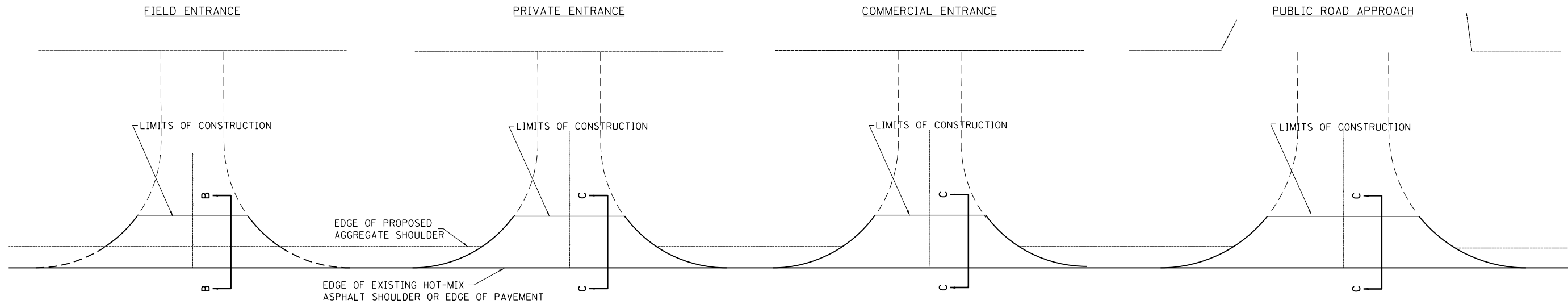
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

URBAN ENTRANCE DETAIL (NO SIDEWALK)

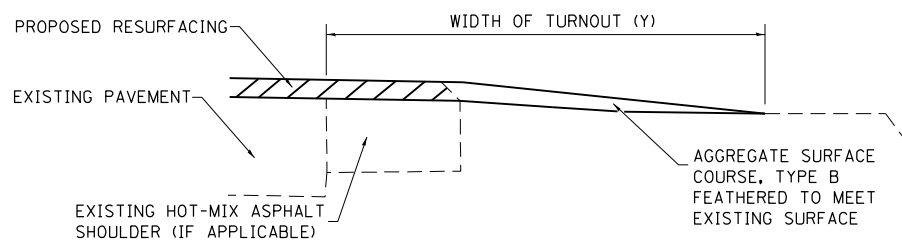
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	102
CONTRACT NO. 74828				

ILLINOIS FED. AID PROJECT

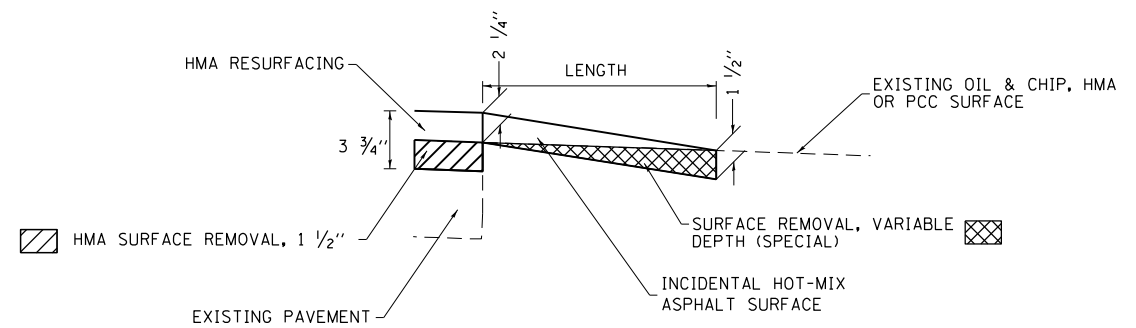


SECTION C-C



TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS



SECTION C-C

NOTES

LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS

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

MODEL: Default
 FILE: Mailbox Turnout.dwg
 PROJECT: 174828 (Rural Entrance and Mailbox Turnout Details)
 SHEET: 111 (of 103)
 DATE: 7/6/2023

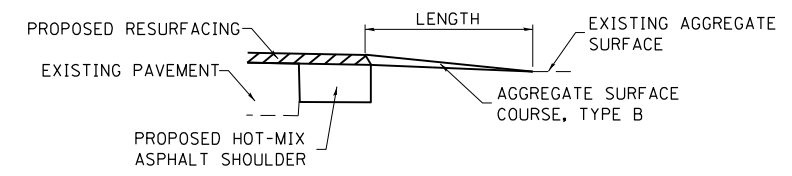
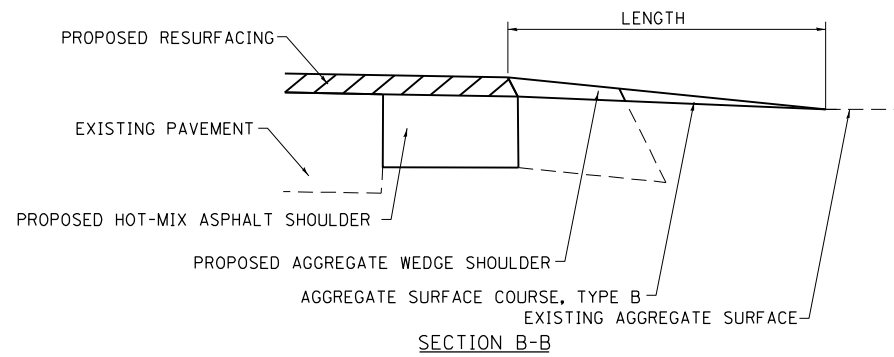
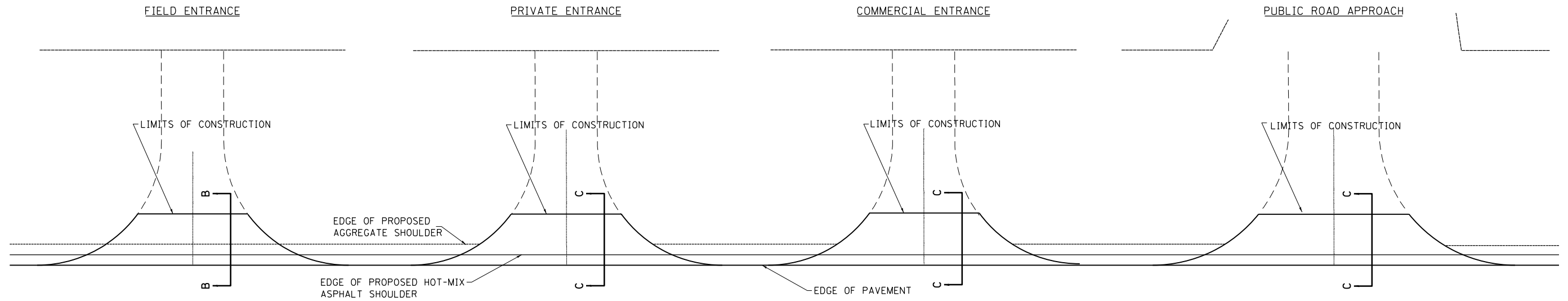
USER NAME = jessica.wille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/6/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

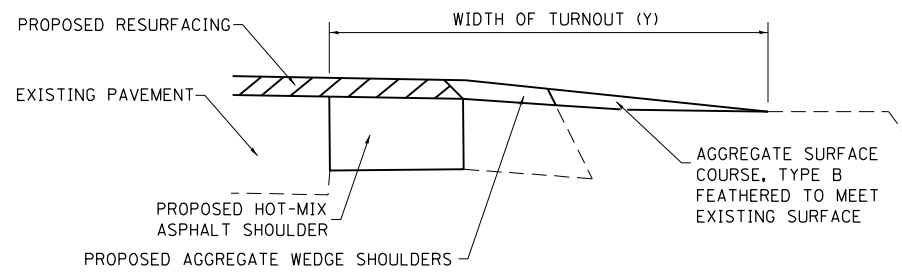
RURAL ENTRANCE AND MAILBOX TURNOUT DETAILS
WITH SHOULDERS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 322	SECTION (50R-1,R-2)RS-2,N-1	COUNTY MACON	TOTAL SHEETS 111	SHEET NO. 103
CONTRACT NO. 74828			ILLINOIS FED. AID PROJECT	

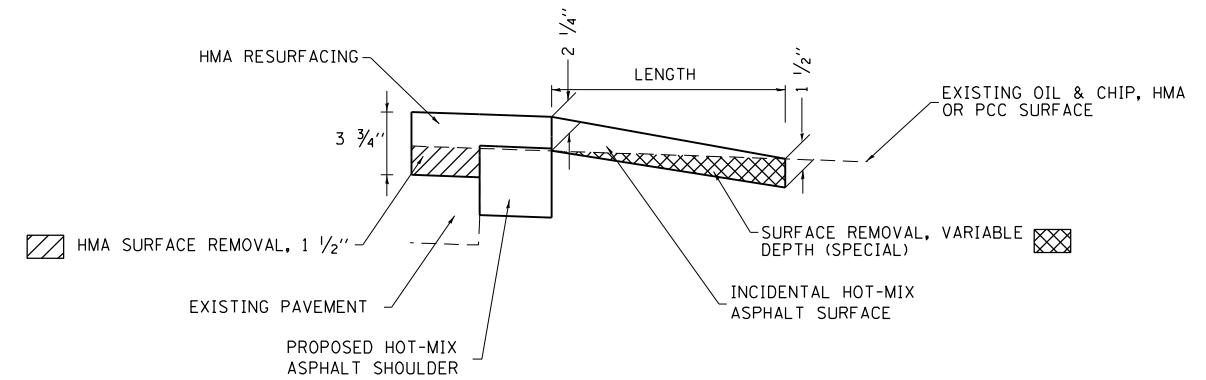


SECTION C-C



TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS



SECTION C-C

NOTES

LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS

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

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 PROJECT: 174828\Drawings\DOT Office\Drawings\174828\Sheet\74828-1.dwg
 PLOT DATE: 7/6/2023

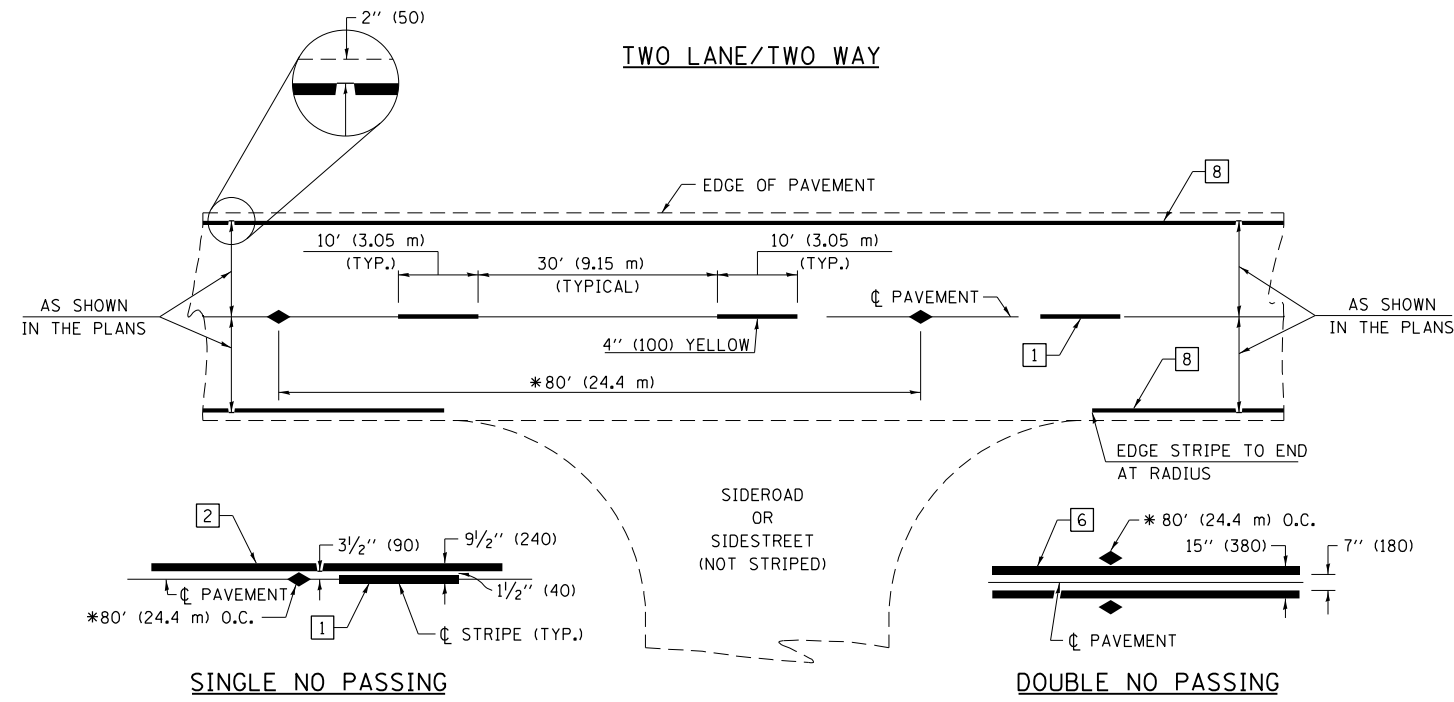
USER NAME = jessica.hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/6/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RURAL ENTRANCE AND MAILBOX TURNOUT DETAILS
SHOULDERS (PROPOSED)**

SCALE: SHEET OF SHEETS STA. TO STA.

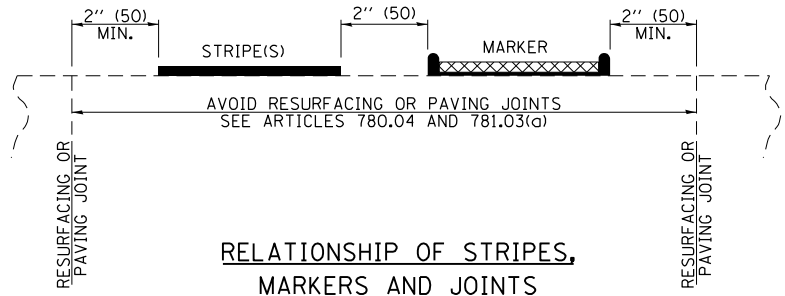
F.A.P. RTE. 322	SECTION (50R-1,R-2)RS-2,N-1	COUNTY MACON	TOTAL SHEETS 111	SHEET NO. 104
CONTRACT NO. 74828				ILLINOIS FED. AID PROJECT



PAVEMENT MARKING LEGEND

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

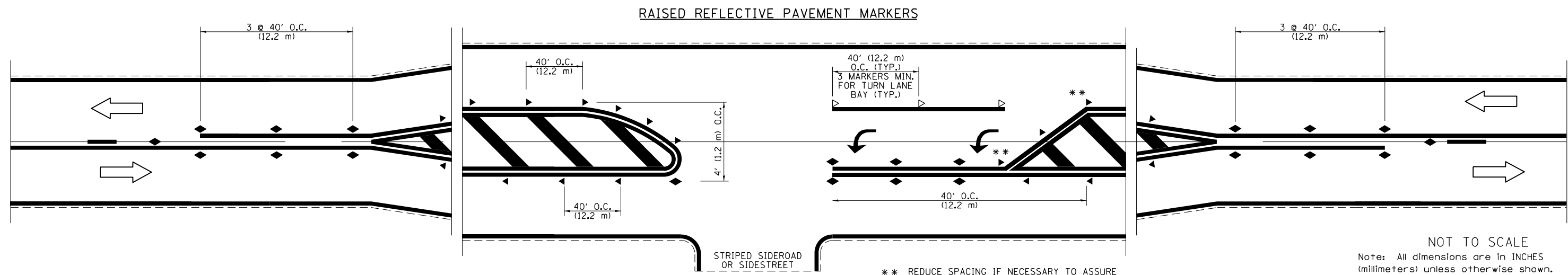
* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

TYPICAL PAVEMENT MARKERS LEGEND

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



RAISED REFLECTIVE PAVEMENT MARKERS

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

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

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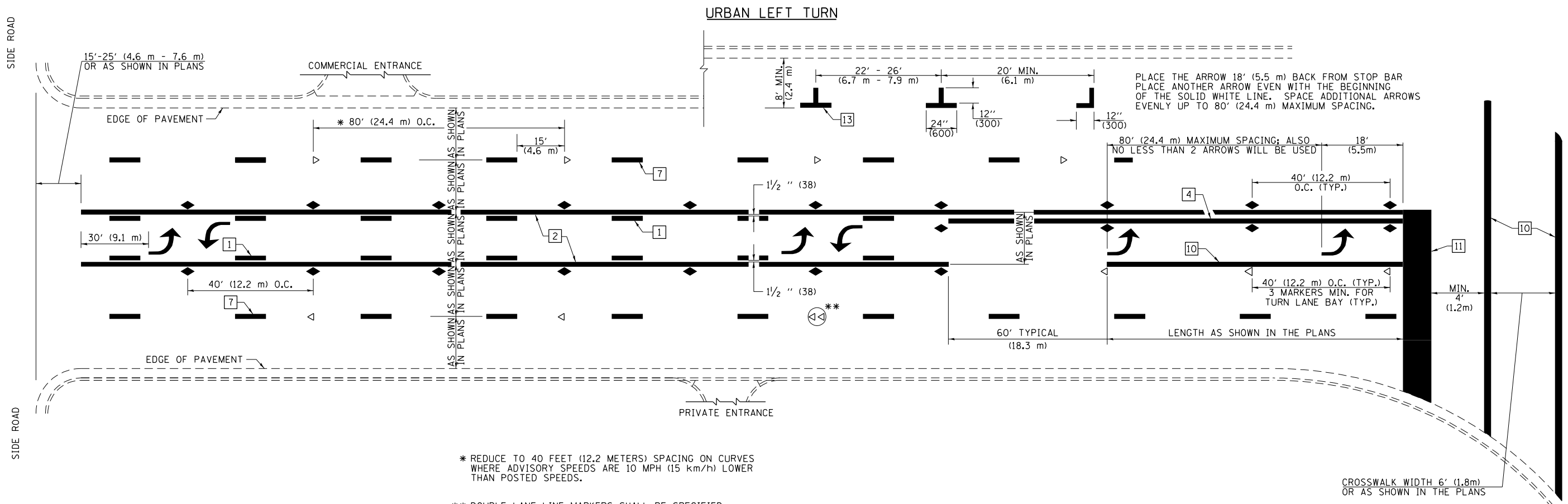
USER NAME = jessica.wille	DESIGNED -	REVISED - NAS 06/22
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: SHEET OF SHEETS STA. TO STA.

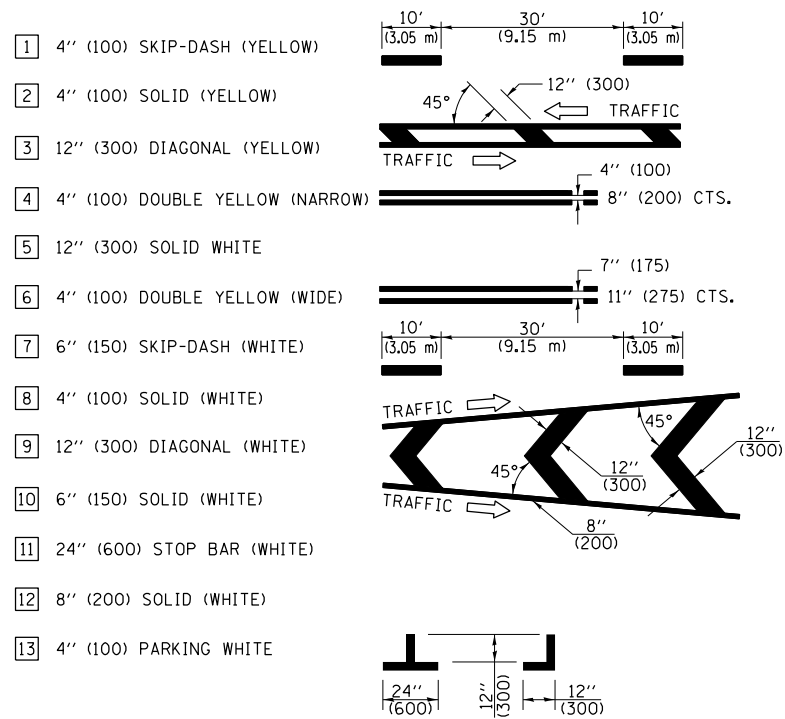
DISTRICT 7 DETAIL NO. 78000001				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	105
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				



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

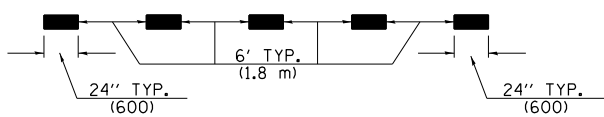
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

PAVEMENT MARKING LEGEND

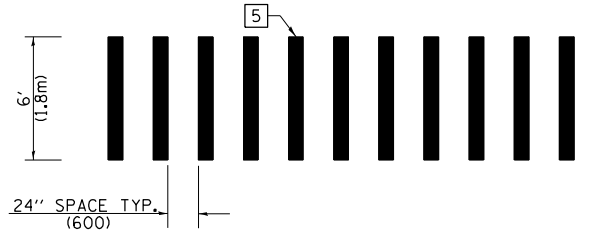


GENERAL NOTES

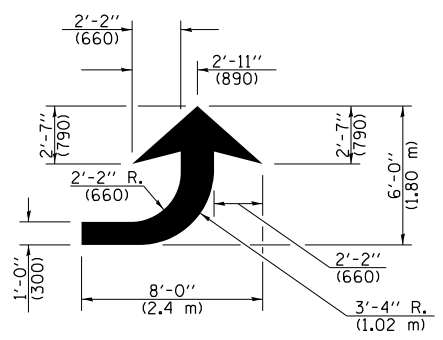
- TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
- THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
- USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE SECTION 780 FOR SYMBOLS TABLE)
- LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.
- ALL WHITE SKIP-DASH LINES SHALL BE 6" IN WIDTH.



LANE LINE EXTENSIONS

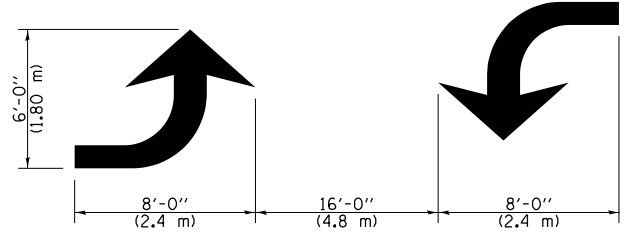


CROSSWALK DETAIL (DECATUR CITY LIMITS ONLY)



LEFT ARROW

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



TYPICAL DOUBLE TURN ARROWS (WHITE)

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 78000001

USER NAME = jessica.wille	DESIGNED -	REVISED - NAS 06/22
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

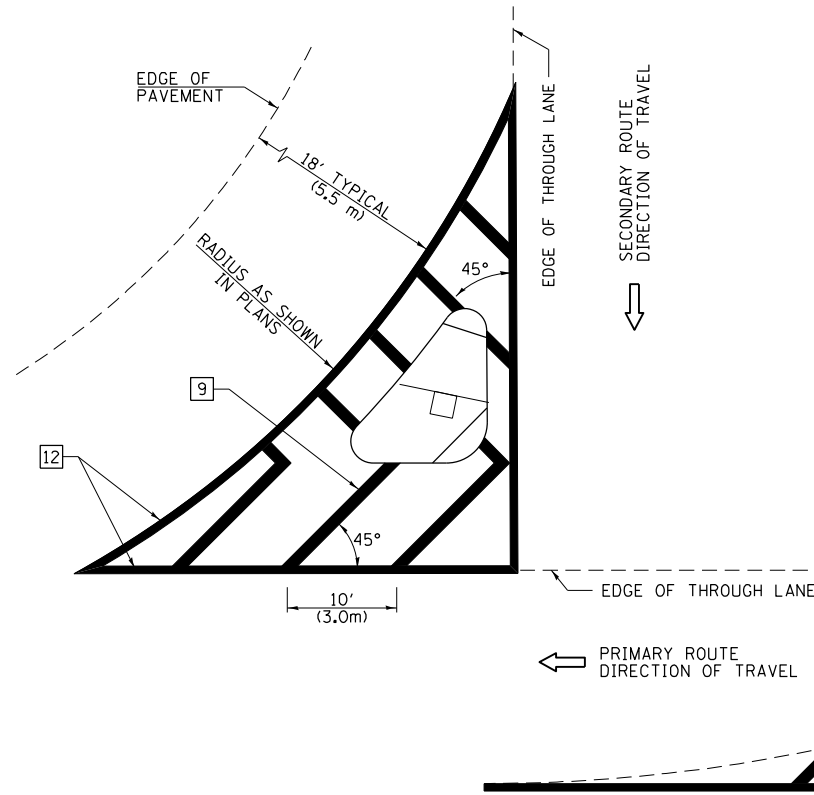
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	106
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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 PROJECT: 74828...
 SHEET: 106 of 111

ISLANDS

OPTION 1

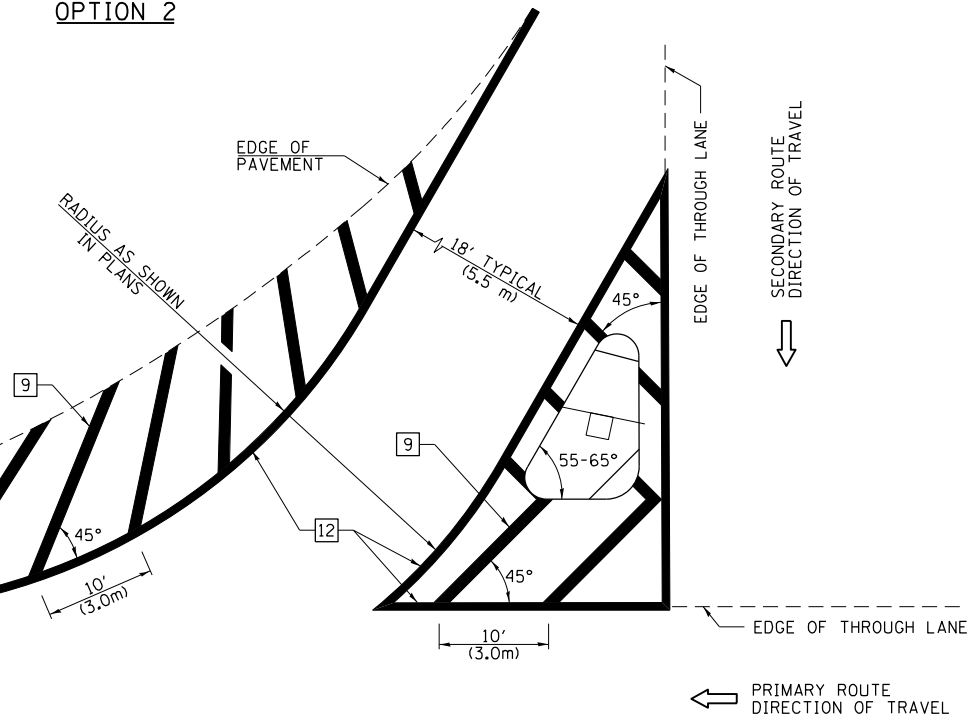


GENERAL NOTES

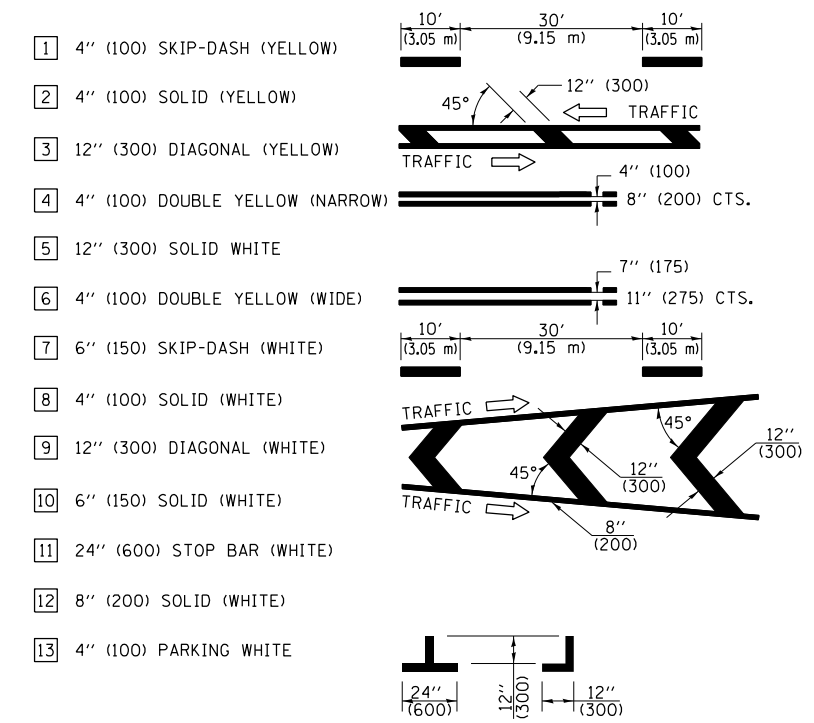
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2].
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED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

< 30 MPH (< 50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
> 45 MPH (> 75 km/h)	30' (9.0 m)
6. THE USE OF ISLAND STRIPING OPTION 1 OR OPTION 2 SHALL BE AS SHOWN ON THE PLANS.

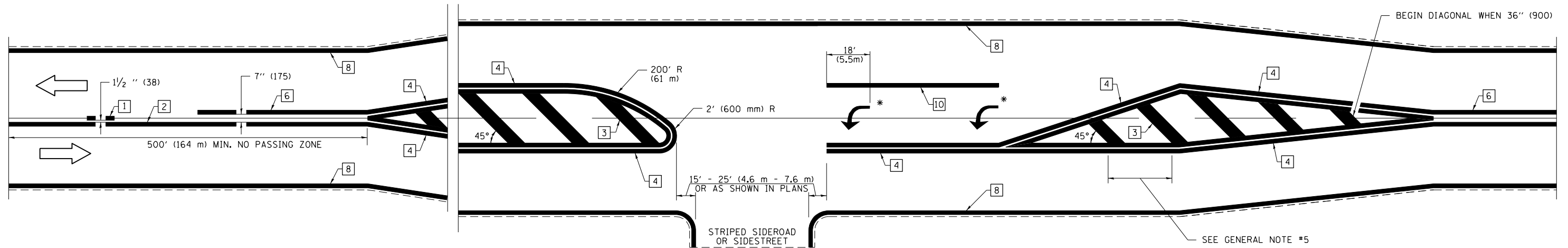
OPTION 2



PAVEMENT MARKING LEGEND



RURAL LEFT TURN STRIPING



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

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

USER NAME = jessica.ville	DESIGNED -	REVISED - NAS 06/22
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET OF SHEETS STA. TO STA.

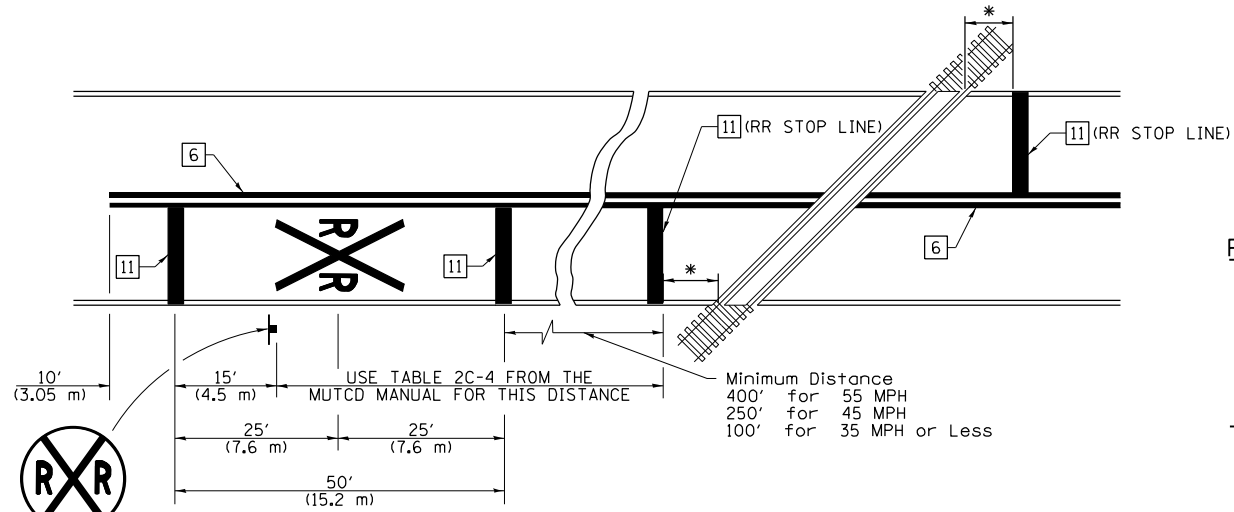
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	107
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

PAVEMENT MARKING LEGEND

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

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

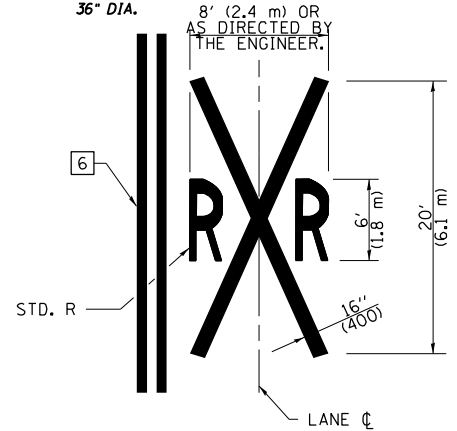


NOTES

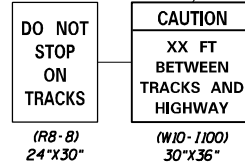
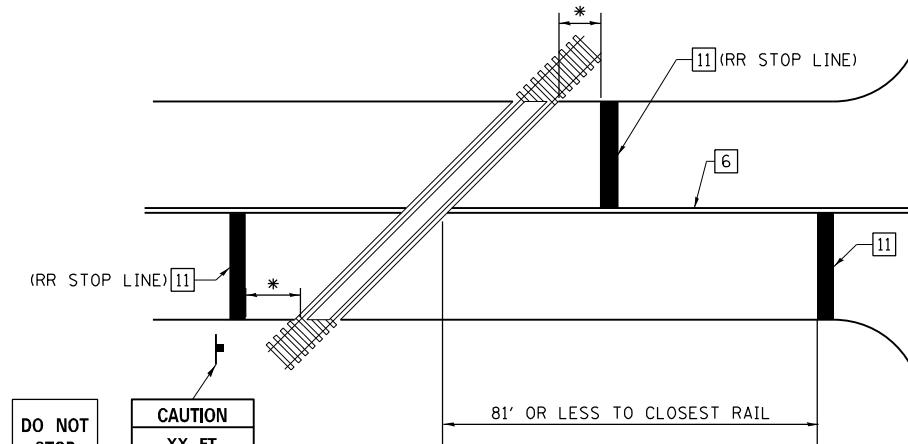
THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

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

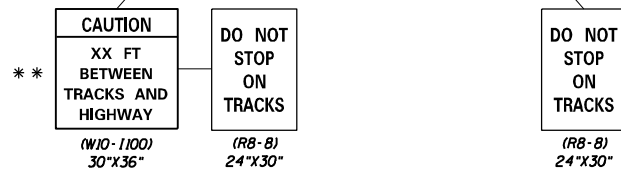
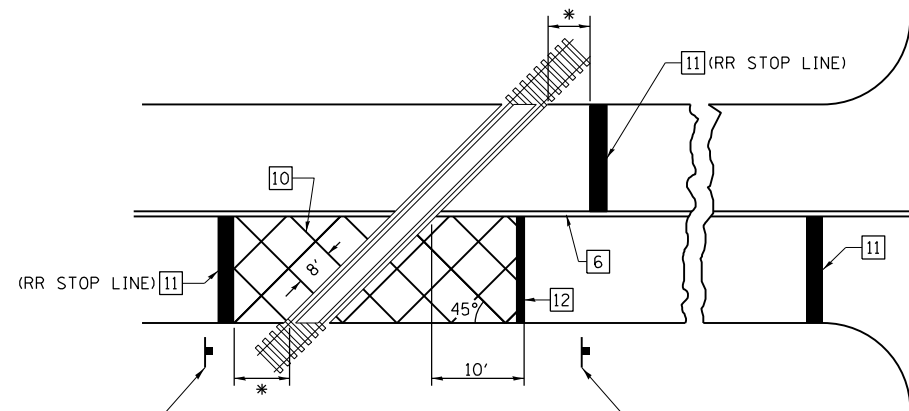
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



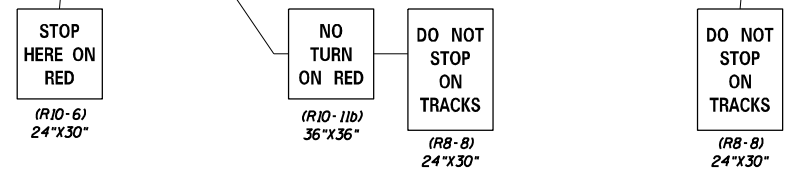
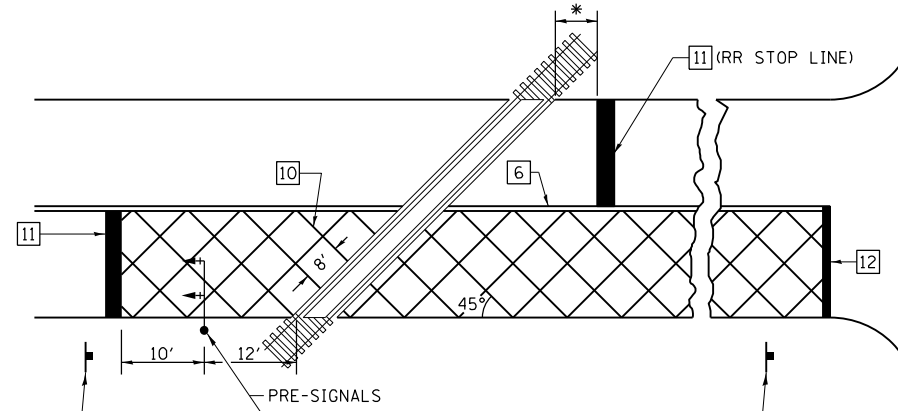
RAILROAD CROSSING WITH NON-SIGNALIZED INTERSECTION



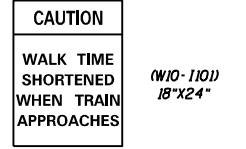
RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



- ### GENERAL NOTES
- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
 - EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE PRE-SIGNALS ARE USED.
 - WHEN PEDESTRIAN SIGNALS ARE PRESENT WITH INTERCONNECTED SIGNALS, WARNING SIGN W10-1101 (18"X24") SHALL BE PLACED NEAR EACH PEDESTRIAN SIGNAL HEAD. COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL NOT BE UTILIZED ALONG WITH INTERCONNECTED SIGNALS.
 - PLEASE REFER TO THE IDOT BUREAU OF OPERATION MEMO OPS T-06 DATED DECEMBER 1, 2020 FOR ADDITIONAL INFORMATION.



- * 15' FROM NEAR RAIL OR 8' FROM AND PARALLEL TO GATE IF PRESENT
- ** WARNING SIGN W10-1100 SHALL BE USED AS AN INTERIM MEASURE AT INTERCONNECTED SIGNAL LOCATIONS WHERE PRE-SIGNALS ARE TO BE INSTALLED IN THE FUTURE. THIS SIGN SHALL BE REMOVED WHEN THE PRE-SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS ARE EXTENDED TO THE INTERSECTION.

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

DISTRICT 7 DETAIL NO. 78000001

USER NAME = jessica.hille	DESIGNED -	REVISED - NAS 06/22
DRAWN -	REVISOR -	
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISOR -
PLOT DATE = 7/6/2023	DATE -	REVISOR -

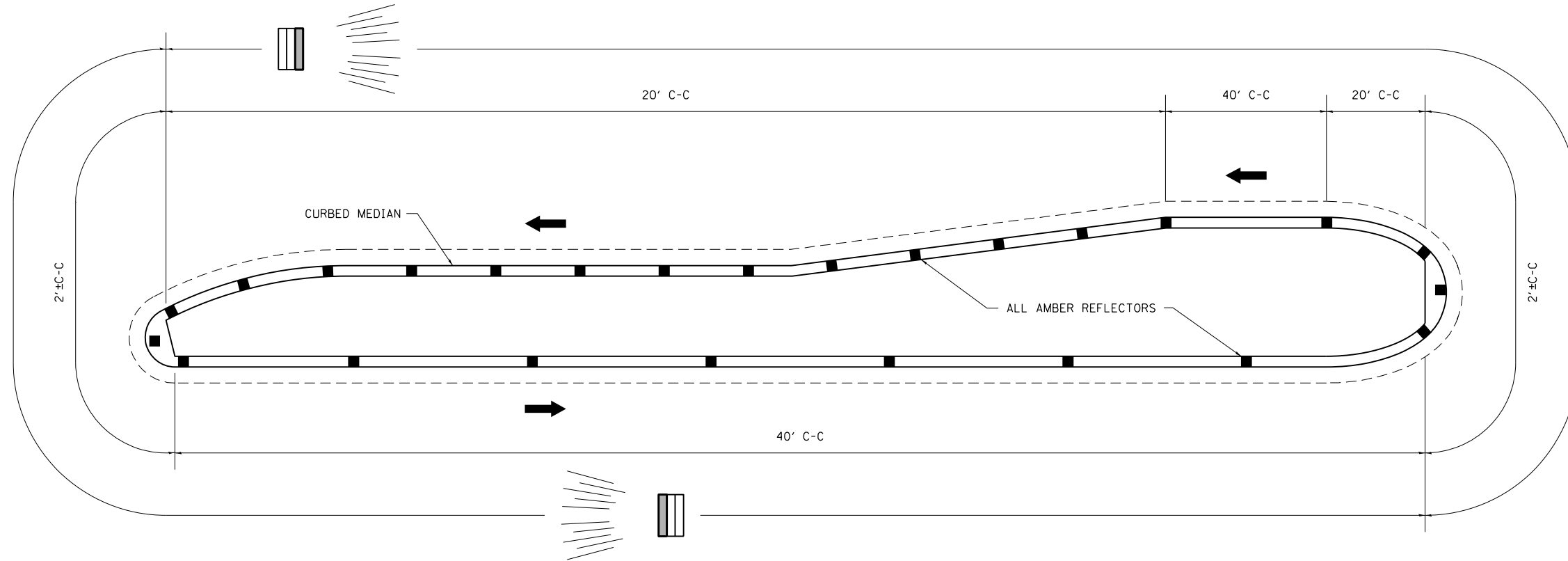
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

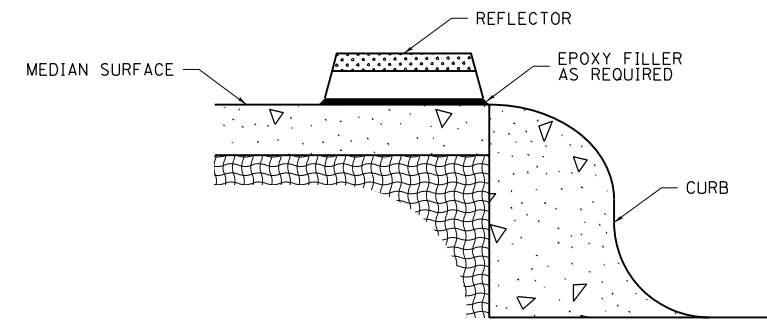
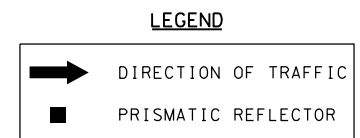
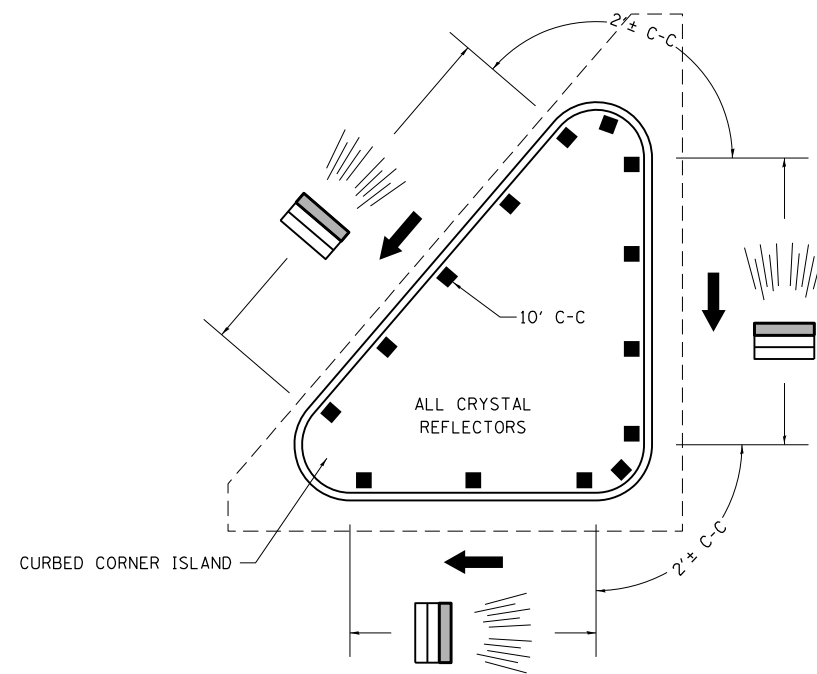
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	108
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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TYPICAL PLACEMENT OF PRISMATIC CURB REFLECTORS



1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.
4. REFER TO SCHEDULES FOR PRISMATIC REFLECTOR QUANTITIES.
5. USE A MINIMUM OF 3 REFLECTORS ON ISLAND NOSES.



SECTION VIEW

NOT TO SCALE

DISTRICT 7 DETAIL NO. 78200300

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

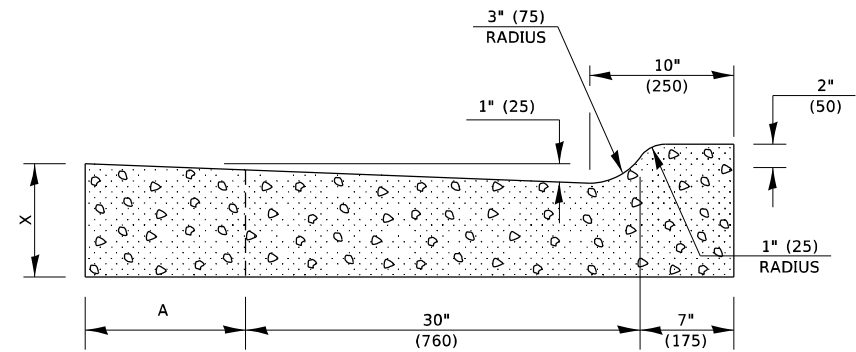
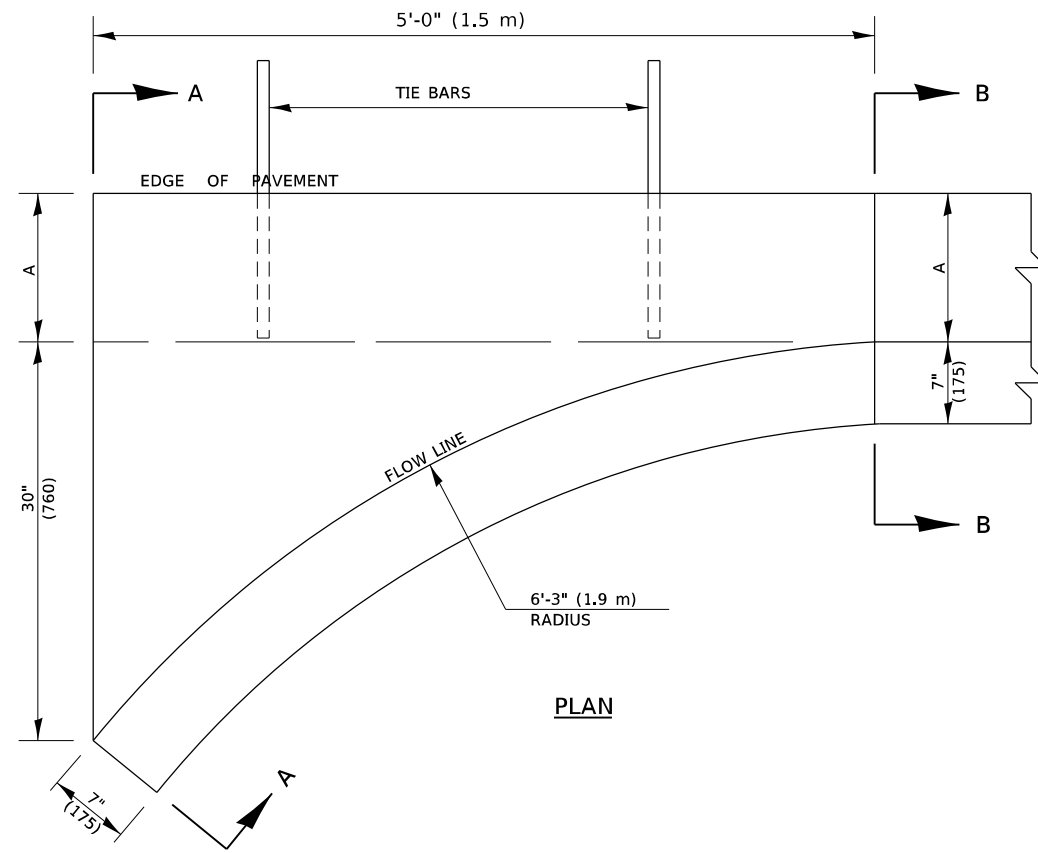
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USER NAME = jessica.hille	DESIGNED -	REVISED -
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PLOT DATE = 7/6/2023	DATE -	REVISED -

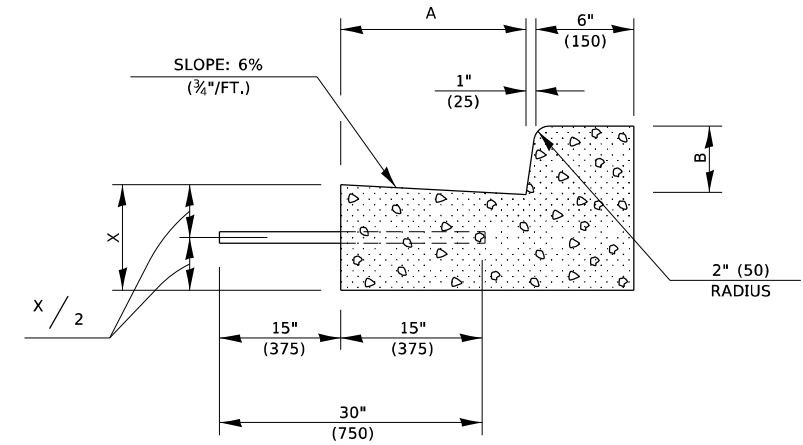
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	109
CONTRACT NO. 74828				
ILLINOIS FED. AID PROJECT				

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SECTION A-A



SECTION B-B

GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. TIE BARS SHALL BE NO. 6 (NO. 20) AT 24" (600 mm) CENTERS UNLESS OTHERWISE SHOWN. OUTLETS SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.
3. WHEN SPECIAL OUTLET IS CONSTRUCTED ADJACENT TO FLEXIBLE PAVEMENT, THE TIE BARS SHALL BE OMITTED AND ALL CONSTRUCTION JOINTS SHALL BE PROVIDED WITH A DOWEL BAR CONFORMING TO ARTICLE 1006.11(b).

	B-6.12 (B15.30)		B-9.12 (B-22.30)		B-6.18 (B-15.45)		B-9.18 (B22.45)		B-6.24 (B15.60)		B-9.24 (B-22.60)	
A	12" (300)	12" (300)	12" (300)	12" (300)	18" (450)	18" (450)	18" (450)	18" (450)	24" (600)	24" (600)	24" (600)	24" (600)
B	6" (150)	6" (150)	9" (225)	9" (225)	6" (150)	6" (150)	9" (225)	9" (225)	6" (150)	6" (150)	9" (225)	9" (225)
X	9" (225)	10" (250)	9" (225)	10" (250)	9" (225)	10" (250)	9" (225)	10" (250)	9" (225)	10" (250)	9" (225)	10" (250)
CU. YD. (m3)	0.37 (0.28)	0.42 (0.32)	0.38 (0.29)	0.42 (0.32)	0.44 (0.34)	0.49 (0.37)	0.45 (0.34)	0.50 (0.38)	0.51 (0.39)	0.56 (0.43)	0.52 (0.40)	0.57 (0.44)

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

DISTRICT 7 DETAIL NO. X6060097

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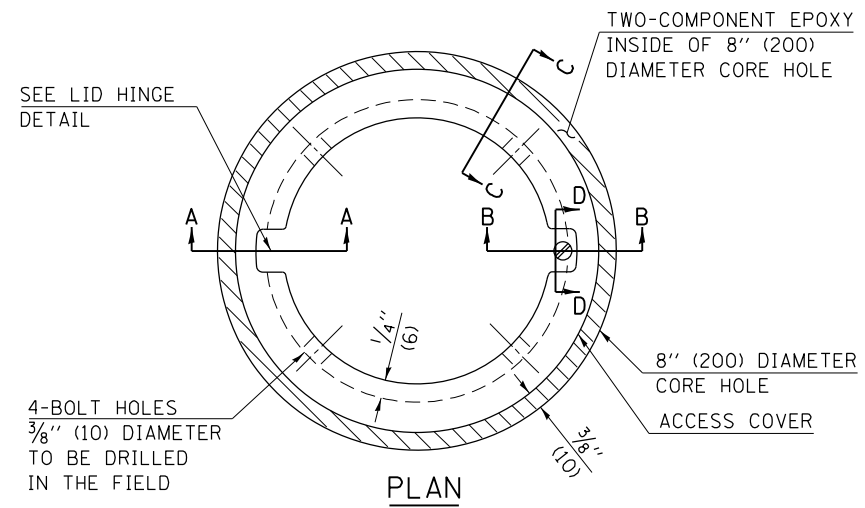
USER NAME = jessica.hille	DESIGNED -	REVISED -
PLOT SCALE = 2,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CLASS SI CONCRETE (OUTLET), SPECIAL

SCALE: SHEET OF SHEETS STA. TO STA.

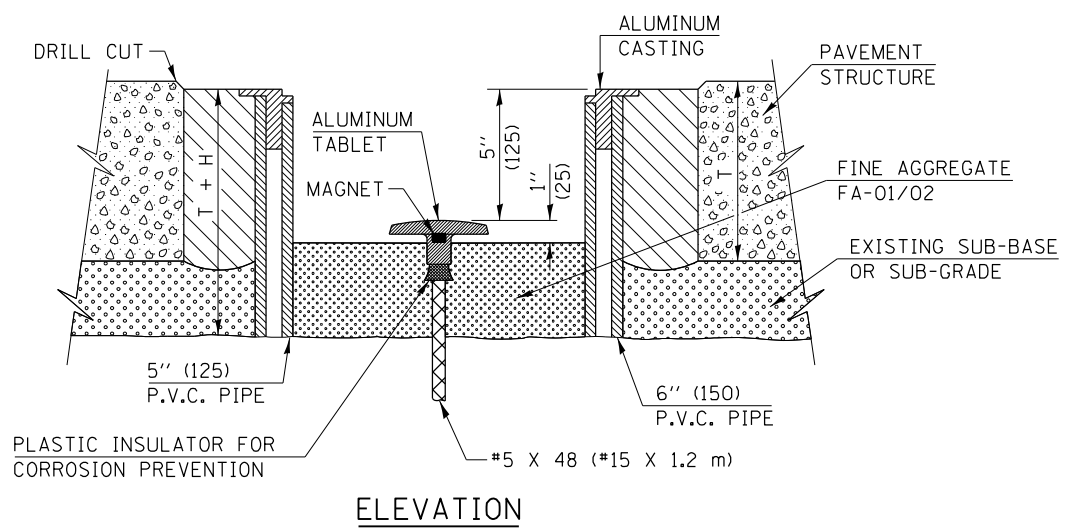
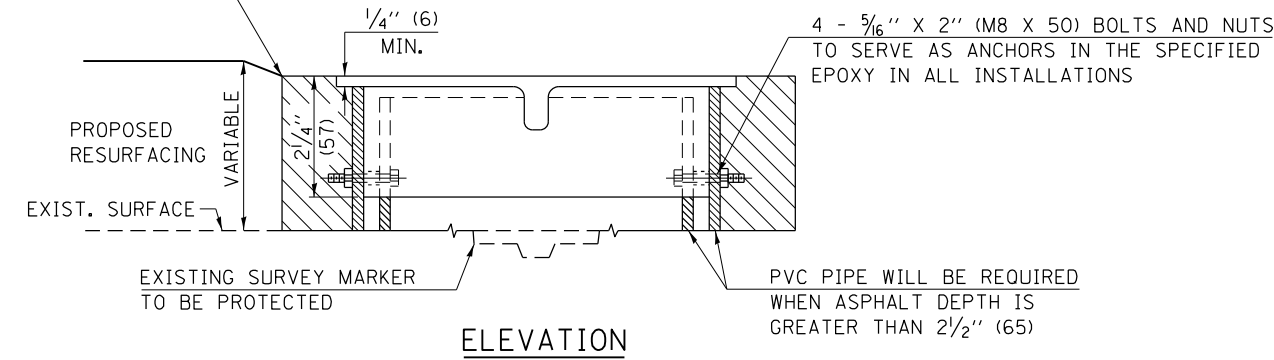
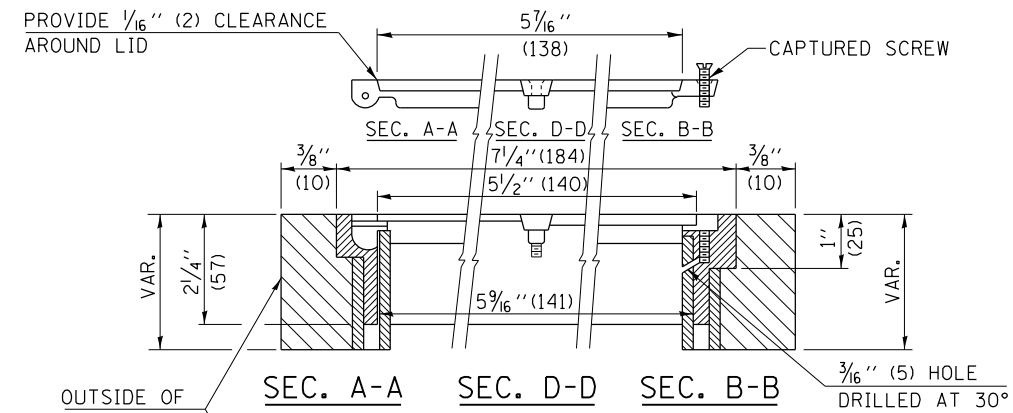
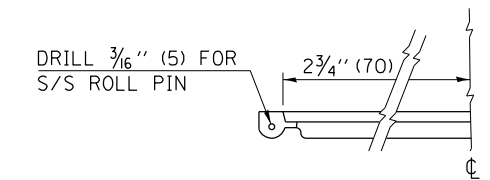
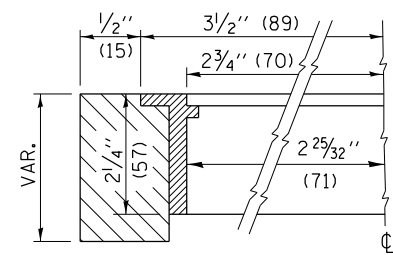
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	110
			CONTRACT NO. 74828	
		ILLINOIS FED. AID PROJECT		



LEGEND

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

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



EXISTING SURVEY MARKER

PROPOSED SURVEY MARKER

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

DISTRICT 7 DETAIL NO. 20070202

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 PLOT DATE = 7/6/2023

USER NAME = jessica.hille	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SURVEY MARKER VAULT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(50R-1,R-2)RS-2,N-1	MACON	111	111
				CONTRACT NO. 74828
		ILLINOIS	FED. AID PROJECT	