

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(13Z, 13Z-1)RS-3	MACON	208*	1
		ILLINOIS	CONTRACT NO. 74702	
*FAP 323/FAU 7404 * 208 + 2 = 210 TOTAL SHEETS				

09-22-2023 LETTING ITEM 046

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATION EQUATIONS

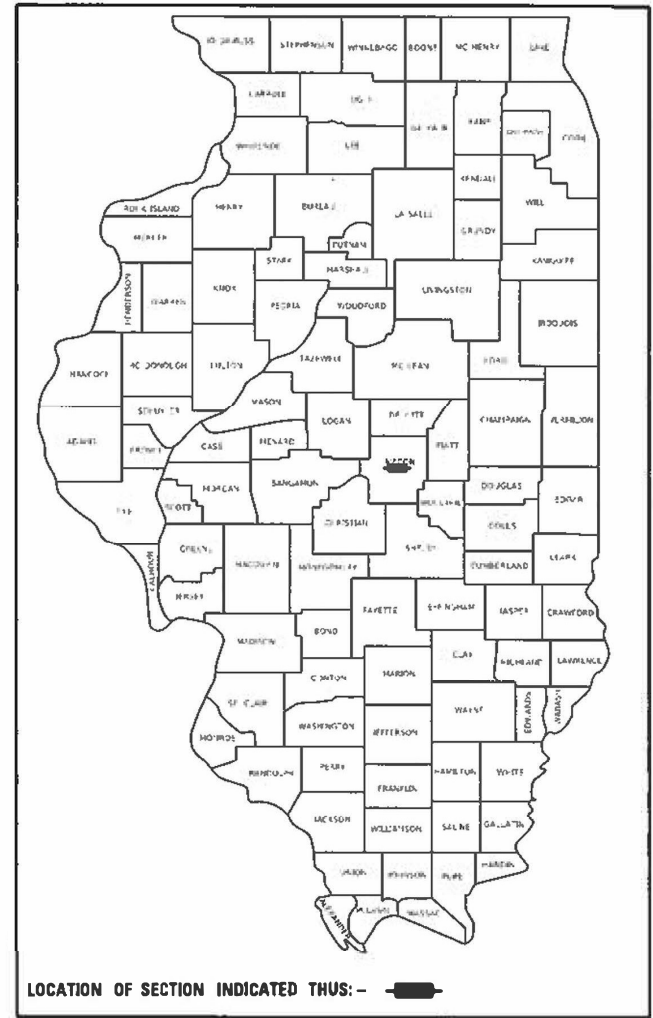
STATION 476+50.44 BK = STATION 11+82.06 AH

PROPOSED  
HIGHWAY PLANS

FAP ROUTE 323 (U.S. 36) &  
FAU ROUTE 7404 (W. ELDORADO ST.)  
SECTION (13Z, 13Z-1)RS-3  
PROJECT NHPP-HSIP-STP-7NZN(434)  
3P RESURFACING  
MACON COUNTY

C-97-003-15

D-97-002-15



LOCATION OF SECTION INDICATED THUS: -

ADT = 12,200 (2017)

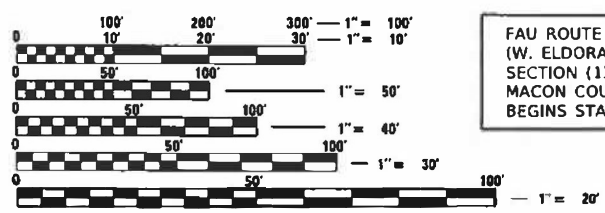
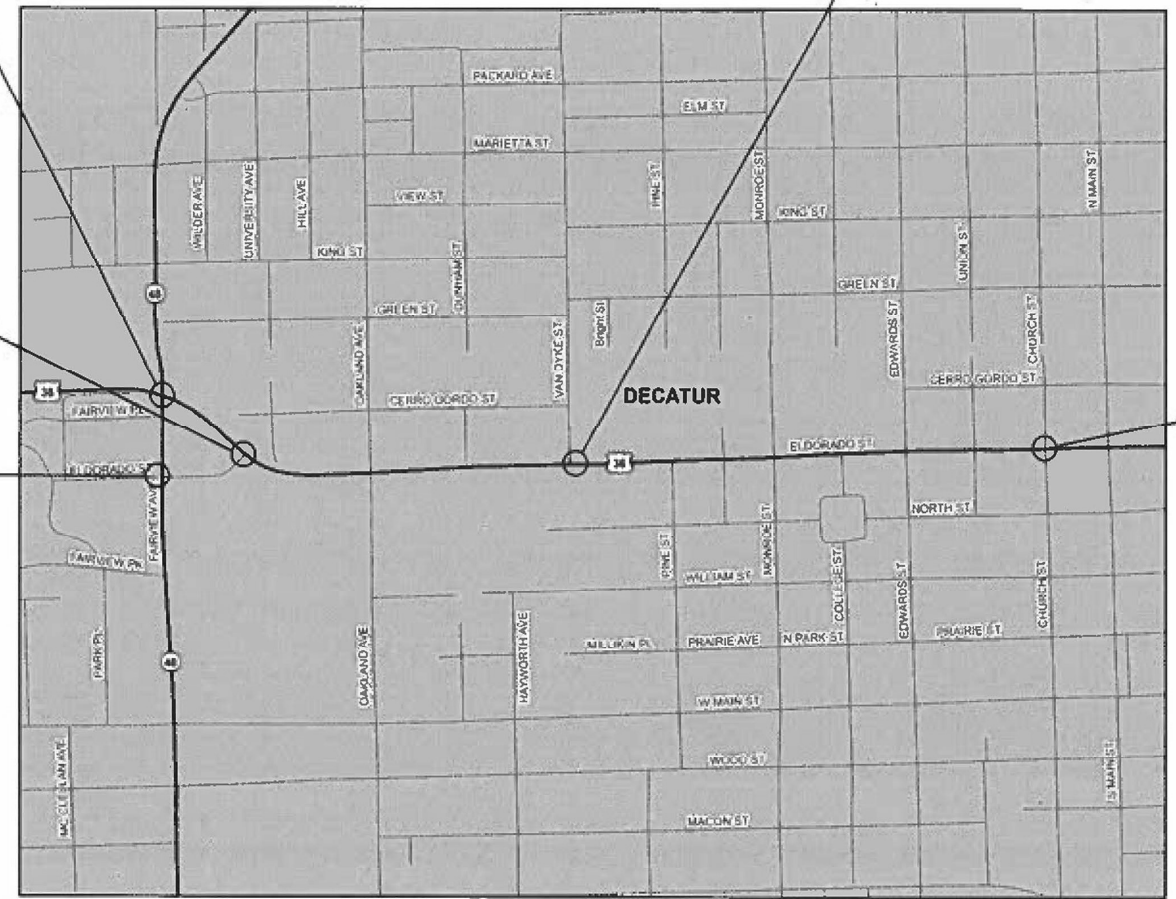
FAP ROUTE 323 (US 36)  
SECTION (13Z, 13Z-1)RS-3  
MACON COUNTY  
BEGINS STATION 463+44.16

OMISSION FROM PAVING  
STA. 25+37.30 TO  
STA 29+80.00

FAU ROUTE 7404  
(W. ELDORADO ST.)  
SECTION (13Z, 13Z-1)RS-3  
MACON COUNTY  
ENDS STATION 10+58.59

FAU ROUTE 7404  
(W. ELDORADO ST.)  
SECTION (13Z, 13Z-1)RS-3  
MACON COUNTY  
BEGINS STATION 04+43.40

FAP ROUTE 323 (US 36)  
SECTION (13Z, 13Z-1)RS-3  
MACON COUNTY  
ENDS STATION 55+70.72



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

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

PROJECT ENGINEER TOM RONAN  
PROJECT MANAGER JEFF DAVISON

CONTRACT NO. 74702

GROSS LENGTH = 6310.03 FT. = 1.20 MILE  
NET LENGTH = 5867.33 FT. = 1.10 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 25 20 22  
Jeffrey P. Myer  
REGIONAL ENGINEER

May 12, 2023 Scott A. Etk  
ENGINEER OF DESIGN AND ENVIRONMENT

May 12, 2023 Stephen M. Smith  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

1	COVER SHEET
2	INDEX OF SHEETS/LIST OF STANDARDS/ GENERAL NOTES
3-16A	SUMMARY OF QUANTITIES
17-29	TYPICAL SECTIONS
30-40	SCHEDULE OF QUANTITIES
41-52	PLAN SHEETS
53-65	TRAFFIC CONTROL SHEETS
66-77	RIGHT OF WAY PLANS
78-89	PAVEMENT MARKING DETAILS
90-146	TRAFFIC SIGNAL DETAILS
147-157	STRUCTURAL REPAIR PLANS
158-208	DISTRICT DETAILS

**LIST OF STANDARDS**

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS	420001-10	PAVEMENT JOINTS
001001-02	AREAS OF REINFORCEMENT BARS	781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
001006	DECIMAL OF AN INCH AND OF A FOOT	782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT	821101-02	LUMINAIRE WIRING IN POLE
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS		
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS		
424021-06	DEPRESSED CORNER FOR SIDEWALKS		
442101-09	CLASS B PATCHES		
442201-03	CLASS C AND D PATCHES		
602011-02	CATCH BASINS, TYPE C		
604001-05	FRAME AND LIDS, TYPE 1		
604051-04	FRAME AND GRATE, TYPE 11		
606001-08	CONCRETE CURB, TYPE B AND COMBINATION CONCRETE CURB AND GUTTER		
667101-02	PERMANENT SURVEY MARKERS		
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15'(4.5m) TO 24"(600mm) FROM PAVEMENT EDGE		
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH		
701423-10	LANE CLOSURE, MULTILANE, WITH BARRIER, FOR SPEEDS ≥ 45 MPH TO 55 MPH		
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH		
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH		
701602-10	URBAN LANE CLOSURE, MULTILANE WITH BIDIRECTIONAL LEFT TURN LANE		
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN		
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE 2W WITH MOUNTABLE MEDIAN		
701701-10	URBAN LANE CLOSURE, MULTILANE, INTERSECTION		
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE		
701901-08	TRAFFIC CONTROL DEVICES		
704001-08	TEMPORARY CONCRETE BARRIER		
720001-01	SIGN PANEL MOUNTING DETAILS		
720006-04	SIGN PANEL ERECTION DETAILS		
720016-04	MAST ARM MOUNTED STREET NAME SIGNS		
780001-05	TYPICAL PAVEMENT MARKINGS		
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS		
814001-03	HANDHOLES		
814006-03	DOUBLE HANDHOLES		
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES		
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)		
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING		
876001-04	PEDESTRIAN PUSH BUTTON POST		
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'		
877011-10	STEEL COMBINATIONMAST ARM ASSEMBLY AND POLE 16' THROUGH 55'		
878001-11	CONCRETE FOUNDATION DETAILS		
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS		
886001-01	DETECTOR LOOP INSTALLATIONS		
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS		

**GENERAL NOTES**

THIS PROJECT IS LOCATED ON US ROUTE 36 IN DECATUR FROM CHURCH STREET TO ILLINOIS ROUTE 48. THE PROJECT LENGTH IS 1.22 MILES. THE WORK INCLUDED IN SECTION (13Z, 13Z-1)RS-3 CONSISTS OF PAVEMENT PATCHING, HOT-MIX ASPHALT SURFACE REMOVAL, PORTLAND CEMENT CONCRETE SURFACE REMOVAL, HOT-MIX ASPHALT RESURFACING, DETECTOR LOOPS, INLET ADJUSTMENTS, ADA SIDEWALK RAMPS, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

CONTACT THE D-7 TRAFFIC SIGNAL ENGINEER, JOSH PORTER, 48 HOURS PRIOR FOR TRAFFIC SIGNAL ADJUSTMENTS. (217) 342-5677.

CLASS C PATCHES WILL ONLY EXTEND TO THE BRICK PAVEMENT. THE INTENT IS TO LEAVE THE EXISTING BRICK PAVEMENT IN PLACE.

LONGITUDINAL JOINT SEALANT SHALL BE APPLIED TO THE FINISHED BINDER AT THE CENTERLINE JOINTS AND THE JOINTS OF THE LEFT LANE AND CENTER TURN LANE IN BOTH THE EASTBOUND AND WESTBOUND DIRECTIONS.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

**SURFACE COURSE (1 1/2")**

APPLICATION: POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIX "D", N90  
 PG GRADE: SBS 70-22  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90  
 MIXTURE COMPOSITION: IL-9.5  
 FRICTION AGGREGATE: MIXTURE D  
 QUALITY MANAGEMENT: QCP

**BINDER COURSE (3/4")**

APPLICATION: POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9,5FG, N90  
 PG GRADE: SBS 70-22  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90  
 MIXTURE COMPOSITION: IL-9,5FG  
 FRICTION AGGREGATE: N/A  
 QUALITY MANAGEMENT: QCP

**BINDER COURSE (5")**

APPLICATION: POLYMERIZED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N90  
 PG GRADE: SBS 70-22  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90  
 MIXTURE COMPOSITION: IL-19.0  
 FRICTION AGGREGATE: N/A  
 QUALITY MANAGEMENT: QC/QA

**CLASS D PATCHING**

APPLICATION: HOT MIX ASPHALT BINDER COURSE, N90  
 PG GRADE: PG 64-22  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90  
 MIXTURE COMPOSITION: IL-19.0  
 FRICTION AGGREGATE: N/A  
 QUALITY MANAGEMENT: QC/QA

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

BITUMINOUS MATERIALS (TACK COAT)	0.05 LBS/SQ FT (MILLED SURFACES)
	0.025 LBS/SQ FT (BETWEEN LIFTS)
HOT-MIX ASPHALT	112 LBS/SQ YD/INCH

REV. - MS

\* FAP 322 & FAU 7404

MODEL: I:\MODEL\NAMES  
FILE NAMES: SHEETS

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS/LIST OF STANDARDS  
GENERAL NOTES/COMMITMENTS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	2
			CONTRACT NO. 74702	
		ILLINOIS	FED. AID PROJECT	

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	NNHPP FAP 332 80% FED 20% STATE 0005	STP FAU 7404 80% FED 20% STATE 0005	NNHPP 80% FED 20% STATE 0047	HHSIP 90% FED 10% STATE 0021	HHSIP 90% FED 5% STATE 5% CITY 0021	HHSIP 90% FED 6.7% STATE 3.3% CITY 0021	CITY OF DECATUR 100% 0021	CITY OF DECATUR 100% 0043
CODE NO	ITEM	UNIT									
35400510	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 11"	SO YD	215	155	60						
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	26896	24596	2300						
40600370	LONGITUDINAL JOINT SEALANT	FOOT	22226	20617	1609						
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	540			540					
40600990	TEMPORARY RAMP	SO YD	703	542	161						
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	TON	1758	1615	143						
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	153	153							
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	3404	3061	286	57					
42000060	WELDED WIRE REINFORCEMENT	SO YD	95	95							
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SO FT	8861	6882	1979						
42400800	DETECTABLE WARNINGS	SO FT	474	474							
44000100	PAVEMENT REMOVAL	SO YD	249	188	61						
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	5216	5216							

REV. - MS

MODEL: I:\MODELS\M1M15  
FILE NAME: 0715

\* F.A.P. 323 & F.A.U. 7404

USER NAME = \$USERS	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = \$SCALES	CHECKED -	REVISED -					*	(13Z, 13Z-1)RS-3	MACON	208	3
PLOT DATE = \$DATES	DATE -	REVISED -		SCALE: NA	SHEET 1	OF 15 SHEETS	STA.	TO STA.	CONTRACT NO. 74702		
							ILLINOIS FED. AID PROJECT				

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	NNHPP FAP 332 80% FED 20% STATE 0005	STP FAU 7404 80% FED 20% STATE 0005	NNHPP 80% FED 20% STATE 0047	HHSIP 90% FED 10% STATE 0021	HHSIP 90% FED 5% STATE 5% CITY 0021	HHSIP 90% FED 6.7% STATE 3.3% CITY 0021	CITY OF DECATUR 100% 0021	CITY OF DECATUR 100% 0043
CODE NO	ITEM	UNIT									
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	32977	29569	3408						
44000300	CURB REMOVAL	FOOT	187	187							
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1095	838	257						
44000600	SIDEWALK REMOVAL	SO FT	7177	5477	1700						
44004250	PAVED SHOULDER REMOVAL	SO YD	112	112							
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SO YD	334	334							
44200990	CLASS B PATCHES, TYPE I, 12 INCH	SO YD	4	4							
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SO YD	352	352							
44200998	CLASS B PATCHES, TYPE III, 12 INCH	SO YD	95	95							
44201299	DOWEL BARS 1 1/2"	EACH	1752	1752							
44201373	CLASS C PATCHES, TYPE I, 12 INCH	SO YD	44	44							
44201377	CLASS C PATCHES, TYPE II, 12 INCH	SO YD	59	59							
44201381	CLASS C PATCHES, TYPE III, 12 INCH	SO YD	20	20							
44201383	CLASS C PATCHES, TYPE IV, 12 INCH	SO YD	163	163							

MODEL NUMBER  
FILE NAME: 0715

\* F.A.P. 323 & F.A.U. 7404

USER NAME = \$USERS	DESIGNED -	REVISED -
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PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET 2 OF 15 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	4
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	NNHPP FAP 332 80% FED 20% STATE 0005	STP FAU 7404 80% FED 20% STATE 0005	NNHPP 80% FED 20% STATE 0047	HHSIP 90% FED 10% STATE 0021	HHSIP 90% FED 5% STATE 5% CITY 0021	HHSIP 90% FED 6.7% STATE 3.3% CITY 0021	CITY OF DECATUR 100% 0021	CITY OF DECATUR 100% 0043
CODE NO	ITEM	UNIT									
44201385	CLASS C PATCHES, TYPE I, 13 INCH	SO YD	4	4							
44201389	CLASS C PATCHES, TYPE II, 13 INCH	SO YD	72	72							
44201396	CLASS C PATCHES, TYPE IV, 13 INCH	SO YD	167	167							
44201411	CLASS C PATCHES, TYPE I, 15 INCH	SO YD	4	4							
44201421	CLASS C PATCHES, TYPE IV, 15 INCH	SO YD	72	72							
44213200	SAW CUTS	FOOT	4157	4157							
44213204	TIE BARS 3/4"	EACH	7	7							
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	12	12							
48203006	HOT-MIX ASPHALT SHOULDERS, 2 1/4"	SO YD	1186	1186							
50102400	CONCRETE REMOVAL	CU YD	22.2			22.2					
50157300	PROTECTIVE SHIELD	SO YD	692			692					
50300255	CONCRETE SUPERSTRUCTURE	CU YD	24.5			24.5					
50300260	BRIDGE DECK GROOVING	SQ YD	615			615					
50300300	PROTECTIVE COAT	SO YD	680			680					
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2840			2840					

REV. - MS

MODEL: I:\MODELS\MAMES  
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\* F.A.P. 323 & F.A.U. 7404

USER NAME = \$USERS	DESIGNED -	REVISED -
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PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET 3 OF 15 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	5
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	NNHPP FAP 332 80% FED 20% STATE 0005	STP FAU 7404 80% FED 20% STATE 0005	NNHPP 80% FED 20% STATE 0047	HHSIP 90% FED 10% STATE 0021	HHSIP 90% FED 5% STATE 5% CITY 0021	HHSIP 90% FED 6.7% STATE 3.3% CITY 0021	CITY OF DECATUR 100% 0021	CITY OF DECATUR 100% 0043
CODE NO	ITEM	UNIT									
50800515	BAR SPLICERS	EACH	48			48					
52000110	PREFORMED JOINT STRIP SEAL	FOOT	178			178					
60207905	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	EACH	1	1							
60251500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	11	8	3						
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	9								9
60300410	VALVE BOX FRAMES TO BE ADJUSTED WITH NEW FRAMES	EACH	16								16
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1249	992	257						
66700205	PERMANENT SURVEY MARKERS, TYPE 1	EACH	10	7	3						
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	200	200							
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	8	8							
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1							

\* SPECIALTY ITEM

\* F.A.P. 323 & F.A.U. 7404

MODEL: I:\MODELS\MAMES  
FILE: I:\MAMES: 3/1/23

USER NAME = \$USERS	DESIGNED -	REVISED -
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PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET 4 OF 15 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	6
CONTRACT NO. 74702				
ILLINOIS		FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	NNHPP FAP 332 80% FED 20% STATE 0005	STP FAU 7404 80% FED 20% STATE 0005	NNHPP 80% FED 20% STATE 0047	HHSIP 90% FED 10% STATE 0021	HHSIP 90% FED 5% STATE 5% CITY 0021	HHSIP 90% FED 6.7% STATE 3.3% CITY 0021	CITY OF DECATUR 100% 0021	CITY OF DECATUR 100% 0043
CODE NO	ITEM	UNIT									
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1							
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5	5							
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12							
67100100	MOBILIZATION	LSUM	1	1							
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1							
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1							
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1							
70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	L SUM	1	1							
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1							
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1							

\* SPECIALTY ITEM

MODEL: I:\MODELS\MAMES  
FILE: I:\MAMES: 21125

\* F.A.P. 323 & F.A.U. 7404

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET 5 OF 15 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	7
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	NNHPP FAP 332 80% FED 20% STATE 0005	STP FAU 7404 80% FED 20% STATE 0005	NNHPP 80% FED 20% STATE 0047	HHSIP 90% FED 10% STATE 0021	HHSIP 90% FED 5% STATE 5% CITY 0021	HHSIP 90% FED 6.7% STATE 3.3% CITY 0021	CITY OF DECATUR 100% 0021	CITY OF DECATUR 100% 0043
CODE NO	ITEM	UNIT									
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	57	57							
70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	1420			1420					
70107007	PAVEMENT MARKING BLACKOUT TAPE, 7"	FOOT	12			12					
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56	56							
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2116	1919	197						
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	11986	10246	1141	599					
70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SO FT	1222	1045	177						
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	10768	9931	837						
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	4428	4074	354						
70307160	TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE	FOOT	2719	2347	372						
70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	600	530	70						

REV. - MS

MODEL: I:\MODELS\MAMES  
FILE: I:\MAMES: 2/1/23

\* F.A.P. 323 & F.A.U. 7404

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	DRAWN -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET 6 OF 15 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	8
			CONTRACT NO. 74702	
		ILLINOIS FED. AID PROJECT		



ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	NNHPP FAP 332 80% FED 20% STATE 0005	STP FAU 7404 80% FED 20% STATE 0005	NNHPP 80% FED 20% STATE 0047	HHSIP 90% FED 10% STATE 0021	HHSIP 90% FED 5% STATE 5% CITY 0021	HHSIP 90% FED 6.7% STATE 3.3% CITY 0021	CITY OF DECATUR 100% 0021	CITY OF DECATUR 100% 0043
CODE NO	ITEM	UNIT									
70400100	TEMPORARY CONCRETE BARRIER	FOOT	625			625					
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	525			525					
70600240	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2	EACH	2			2					
70600340	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 2	EACH	2			2					
* 72000100	SIGN PANEL - TYPE 1	SO FT	76.3				7.5	62.5	6.3		
* 72000200	SIGN PANEL - TYPE 2	SO FT	366				108	216	42		
* 73600200	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	1	1							
* 73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	3	3							
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	1222	1045	177						
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10768	9931	837						
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4428	4074	354						
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2719	2551	168						

\* SPECIALTY ITEM

\* F.A.P. 323 & F.A.U. 7404

MODEL NUMBER  
FILE NAME: 2125

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PLOT DATE = \$DATES	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET 7 OF 15 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	9
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	NNHPP FAP 332 80% FED 20% STATE 0005	STP FAU 7404 80% FED 20% STATE 0005	NNHPP 80% FED 20% STATE 0047	HHSIP 90% FED 10% STATE 0021	HHSIP 90% FED 5% STATE 5% CITY 0021	HHSIP 90% FED 6.7% STATE 3.3% CITY 0021	CITY OF DECATUR 100% 0021	CITY OF DECATUR 100% 0043
CODE NO	ITEM	UNIT									
* 7800650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	600	530	70						
* 7800912	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	2466	2094	372						
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SO FT	1222	1045	177						
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	10149	9312	837						
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	4428	4074	354						
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	253	253							
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	600	530	70						
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	457	422	35						
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	457	422	35						
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SO FT	10681	9606	1075						
* 81028310	UNDERGROUND CONDUIT, PVC, 3/4" DIA.	FOOT	352				106	228	18		
* 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	457				198	143	116		
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	705				249	302	154		

\* SPECIALTY ITEM

REV. - MS

MODEL: I:\MODELS\MAMES  
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET 8 OF 15 SHEETS STA. TO STA.

\* F.A.P. 323 & F.A.U. 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	10
			CONTRACT NO. 74702	
		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES				TOTAL QUANTITIES	NNHPP FAP 332 80% FED 20% STATE 0005	STP FAU 7404 80% FED 20% STATE 0005	NNHPP 80% FED 20% STATE 0047	HHSIP 90% FED 10% STATE 0021	HHSIP 90% FED 5% STATE 5% CITY 0021	HHSIP 90% FED 6.7% STATE 3.3% CITY 0021	CITY OF DECATUR 100% 0021	CITY OF DECATUR 100% 0043
CODE NO	ITEM	UNIT										
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	398					179	209	10		
* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	1313					462	716	135		
* 81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	39					6	30	3		
* 81400100	HANDHOLE	EACH	17					6	9	2		
* 81400300	DOUBLE HANDHOLE	EACH	6					2	3	1		
* 81500100	GULFBOX JUNCTION	EACH	13					5	6	2		
* 81702420	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 8	FOOT	310								310	
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	6					2	3	1		
* 85800100	FLASHER CONTROLLER	EACH	1							1		
* 86000100	MASTER CONTROLLER	EACH	1						1			
* 86400100	TRANSCIVER - FIBER OPTIC	EACH	7					1	5	1		
* 87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	6287					888	4093	1306		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	5010					1385	3060	565		

\* SPECIALTY ITEM

\* F.A.P. 323 & F.A.U. 7404

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET 9 OF 15 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	11
			CONTRACT NO. 74702	
		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	NNHPP FAP 332 80% FED 20% STATE 0005	STP FAU 7404 80% FED 20% STATE 0005	NNHPP 80% FED 20% STATE 0047	HHSIP 90% FED 10% STATE 0021	HHSIP 90% FED 5% STATE 5% CITY 0021	HHSIP 90% FED 6.7% STATE 3.3% CITY 0021	CITY OF DECATUR 100% 0021	CITY OF DECATUR 100% 0043
CODE NO	ITEM	UNIT									
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14	50 FOOT	11748				4085	6655	1008		
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14	70 FOOT	3765				287	3214	264		
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	6175				3737	2151	287		
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	118				50	53	15		
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	2715				1043	1333	339		
* 87502460	TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT.	EACH	4				1	1	2		
* 87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	5				2		3		
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	10				6	3	1		
* 87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	9					9			
* 87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	14				6	7	1		
* 87700130	STEEL MAST ARM ASSEMBLY AND POLE, 18 FT.	EACH	1				1				
* 87700170	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1					1			

\* SPECIALTY ITEM

\* F.A.P. 323 & F.A.U. 7404

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PLOT DATE = \$DATES	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET 10 OF 15 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	12
			CONTRACT NO. 74702	
		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	NNHPP FAP 332 80% FED 20% STATE 0005	STP FAU 7404 80% FED 20% STATE 0005	NNHPP 80% FED 20% STATE 0047	HHSIP 90% FED 10% STATE 0021	HHSIP 90% FED 5% STATE 5% CITY 0021	HHSIP 90% FED 6.7% STATE 3.3% CITY 0021	CITY OF DECATUR 100% 0021	CITY OF DECATUR 100% 0043
CODE NO	ITEM	UNIT									
* 87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1					1			
* 87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1				1				
* 87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	3					2	1		
* 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	3					2	1		
* 87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	2				1	1			
* 87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	3				1	2			
* 87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	2					2			
* 87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1					1			
* 87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1				1				
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	81				24	39	18		
* 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	21				7	10.5	3.5		
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	158.5				37	94.5	27		
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	101				30	71			

\* SPECIALTY ITEM

\* F.A.P. 323 & F.A.U. 7404

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET 11 OF 15 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	13
			CONTRACT NO. 74702	
		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	NNHPP FAP 323 80% FED 20% STATE 0005	STP FAU 7404 80% FED 20% STATE 0005	NNHPP 80% FED 20% STATE 0047	HHSIP 90% FED 10% STATE 0021	HHSIP 90% FED 5% STATE 5% CITY 0021	HHSIP 90% FED 6.7% STATE 3.3% CITY 0021	CITY OF DECATUR 100% 0021	CITY OF DECATUR 100% 0043
CODE NO	ITEM	UNIT									
* 87900200	DRILL EXISTING HANDHOLE	EACH	4				4				
* 88040030	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	EACH	1						1		
* 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5				3		2		
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	43				14	25	4		
* 88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	11					10	1		
* 88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	8				5	2	1		
* 88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	11					10	1		
* 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	24				6	16	2		
* 88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8				3	4	1		

\* SPECIALTY ITEM

\* F.A.P. 323 & F.A.U. 7404

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET 12 OF 15 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	14
			CONTRACT NO. 74702	
		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	NNHPP FAP 332 80% FED 20% STATE 0005	STP FAU 7404 80% FED 20% STATE 0005	NNHPP 80% FED 20% STATE 0047	HHSIP 90% FED 10% STATE 0021	HHSIP 90% FED 5% STATE 5% CITY 0021	HHSIP 90% FED 6.7% STATE 3.3% CITY 0021	CITY OF DECATUR 100% 0021	CITY OF DECATUR 100% 0043
CODE NO	ITEM	UNIT									
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	95				27	57	11		
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	48				20	24	4		
* 88600100	DETECTOR LOOP, TYPE I	FOOT	4864				1625	2938	301		
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	6				2	3	1		
* 89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	6				2	3	1		
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	7289				2275	3539	1475		
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	6				2	3	1		
89502380	REMOVE EXISTING HANDHOLE	EACH	25				7	13	5		
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	3				2	1			
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	63				16	39	8		
X6060095	CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	16	16							
X0350810	BOLLARD REMOVAL	EACH	3	3							
* X1400238	LUMINAIRE, LED, SPECIAL	EACH	1							1	

\* SPECIALTY ITEM

REV. - MS

\* F.A.P. 323 & F.A.U. 7404

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET 13 OF 15 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	15
			CONTRACT NO. 74702	
		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	NNHPP FAP 332 80% FED 20% STATE 0005	STP FAU 7404 80% FED 20% STATE 0005	NNHPP 80% FED 20% STATE 0047	HHSIP 90% FED 10% STATE 0021	HHSIP 90% FED 5% STATE 5% CITY 0021	HHSIP 90% FED 6.7% STATE 3.3% CITY 0021	CITY OF DECATUR 100% 0021	CITY OF DECATUR 100% 0043
CODE NO	ITEM	UNIT									
x2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.1	0.1							
x4060995	TEMPORARY RAMP, SPECIAL	SO YD	503	485	18						
x4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SO YD	548	548							
x4404000	PARKING LOT PAVEMENT REMOVAL	SO YD	133	133							
x6061005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	293	253	40						
x7010218	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	EACH	2			2					
* x8050115	SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH	6				2	3	1		
* x8570215	FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	2					2			
* x8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	40				12	24	4		
Z0012110	BRIDGE DECK FLY ASH OR GGBF SLAG CONCRETE OVERLAY, 2 1/4"	SQ YD	610			610					
Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SO YD	14			14					
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	610			610					
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SO YD	7			7					
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SO YD	28			28					

\* SPECIALTY ITEM

REV. - MS

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET 14 OF 15 SHEETS STA. TO STA.

\* F.A.P. 323 & F.A.U. 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	16
			CONTRACT NO. 74702	
			ILLINOIS FED. AID PROJECT	



ILLINOIS DEPARTMENT OF TRANSPORTATION <b>SUMMARY OF QUANTITIES</b>			TOTAL QUANTITIES	NNHPP FAP 332 80% FED 20% STATE 0005	STP FAU 7404 80% FED 20% STATE 0005	NNHPP 80% FED 20% STATE 0047	HHSIP 90% FED 10% STATE 0021	HHSIP 90% FED 5% STATE 5% CITY 0021	HHSIP 90% FED 6.7% STATE 3.3% CITY 0021	CITY OF DECATUR 100% 0021	CITY OF DECATUR 100% 0043
CODE NO	ITEM	UNIT									
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1							
Z0038116	PORTLAND CEMENT CONCRETE SURFACE REMOVAL 3/4"	SO YD	5216	5216							
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	15	12	3						
Ø Z0076600	TRAINEES	HOUR	500	500							
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500							

Ø 0042

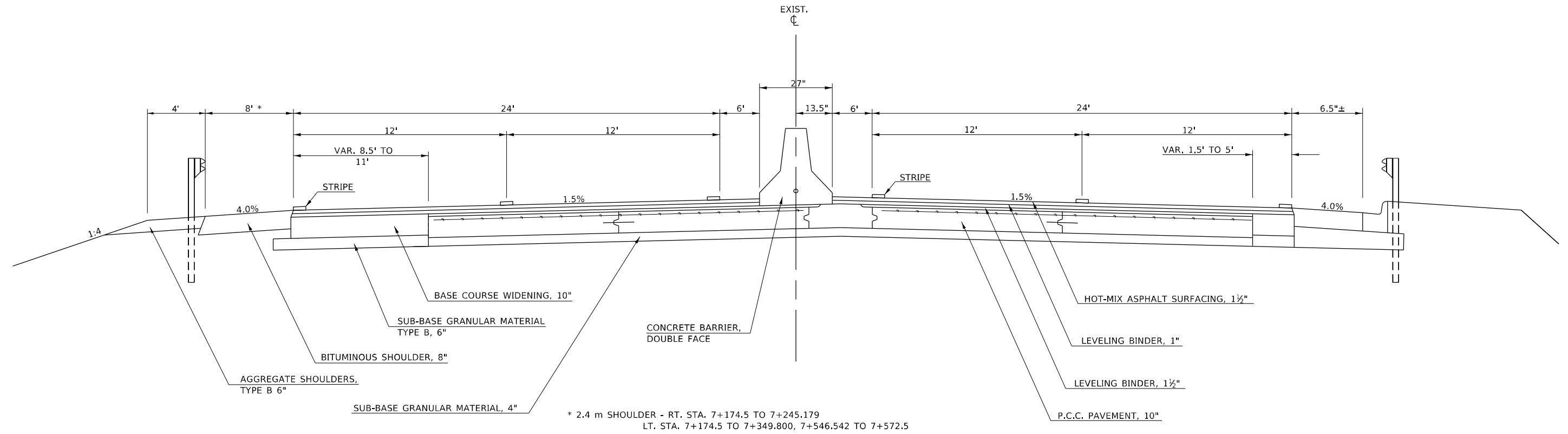
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																															
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CONTRACT NO. 74702																																			
ILLINOIS FED. AID PROJECT																																			
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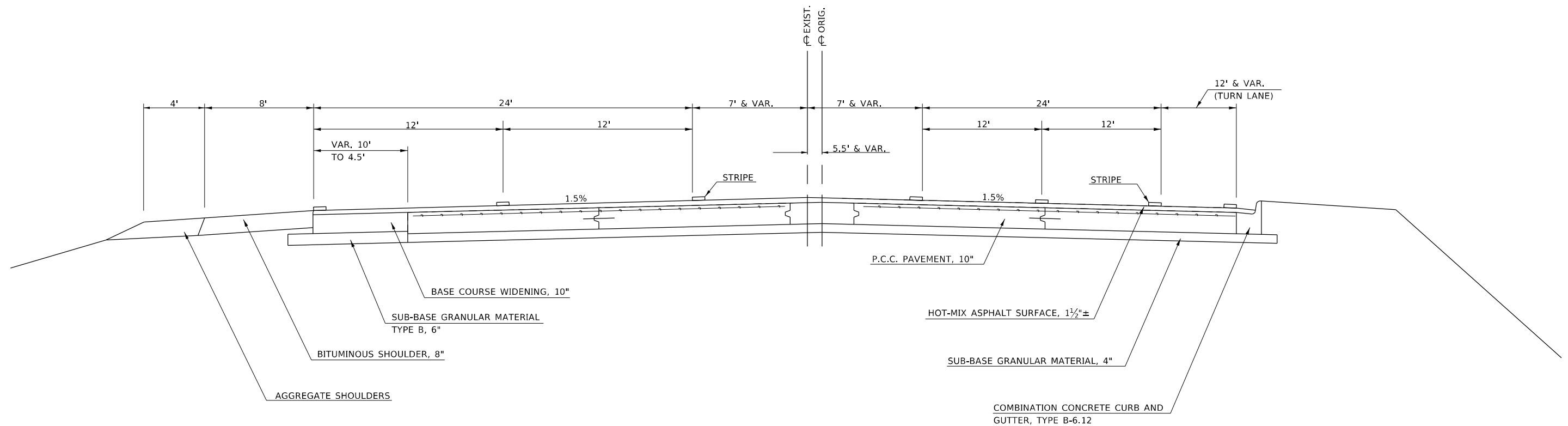
**EXISTING TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
STA. 463+44.16 TO STA. 467+30.00



**EXISTING TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
STA. 467+30.00 TO STA. 470+23.40



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL  
CROSS SECTIONS**

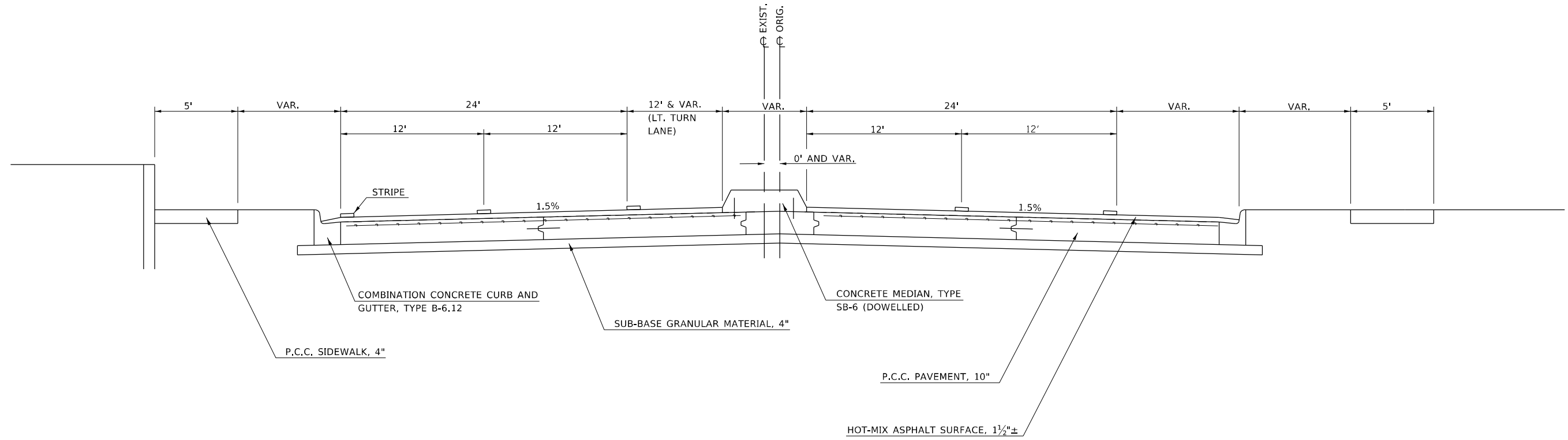
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\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	17
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

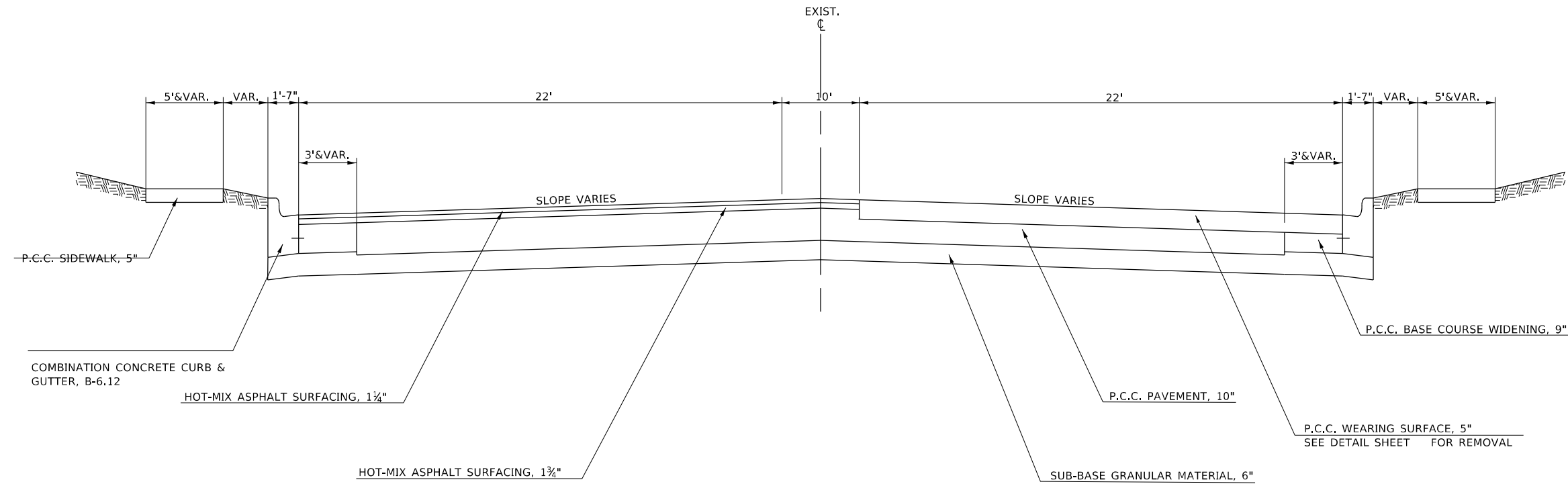
**EXISTING TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
 STA. 470+23.40 TO STA. 476+00.70



**EXISTING TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
 STA. 476+00.70 TO STA. 476+50.44  
 STA. 476+50.44(BK) = STA. 11+82.06(AH) STA. EQ.  
 STA. 11+82.06 TO STA. 13+48.50



MODEL: Default  
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 PROJECT: 74702

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	DRAWN -	REVISED -
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL  
 CROSS SECTIONS**

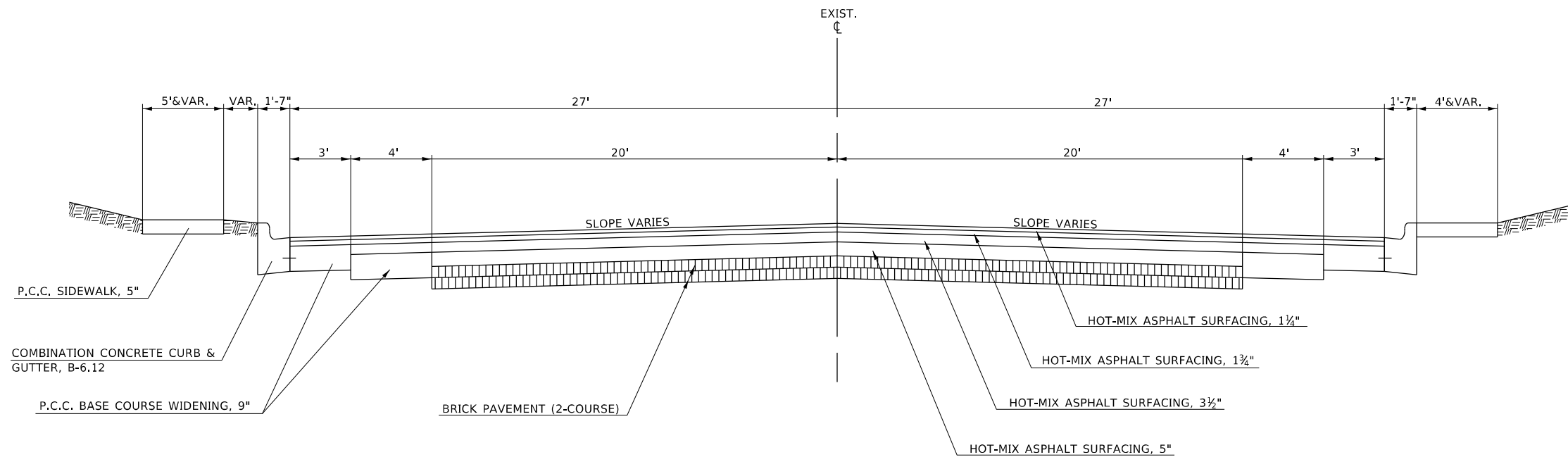
SCALE: NA SHEET 2 OF 13 SHEETS STA. TO STA.

\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	18
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

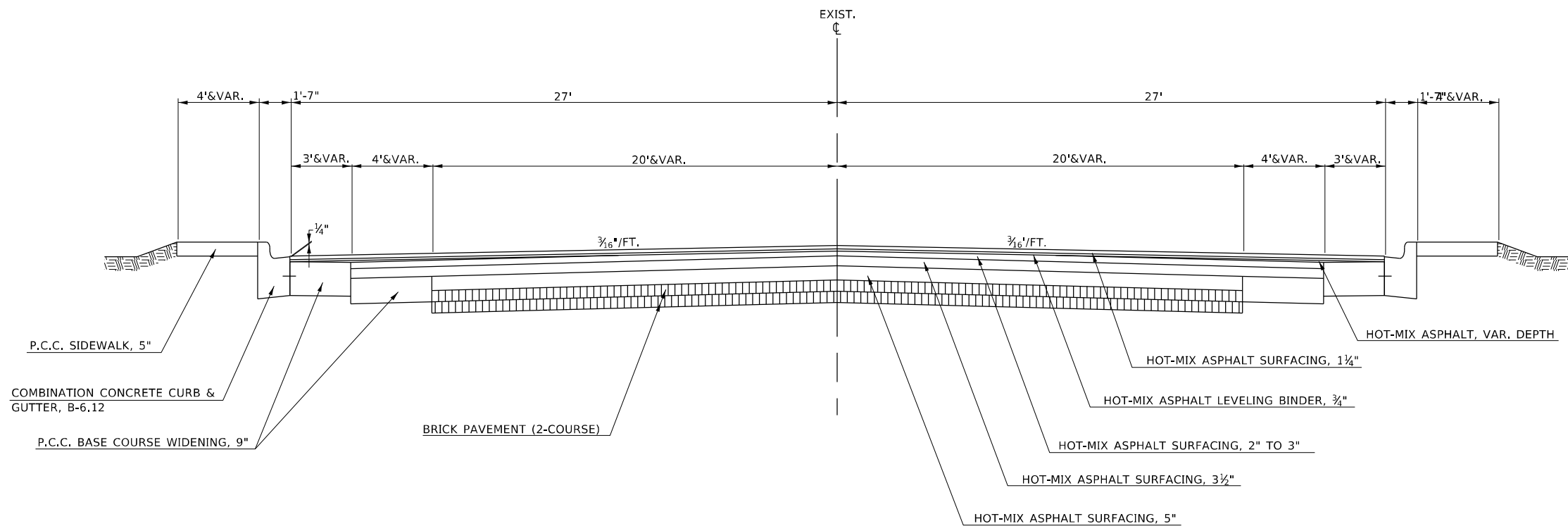
**EXISTING TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
STA. 13+48.50 TO STA. 14+49.80



**EXISTING TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
STA. 14+49.80 TO STA. 25+37.20  
STA. 29+80.00 TO STA. 35+88.50



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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL  
CROSS SECTIONS**

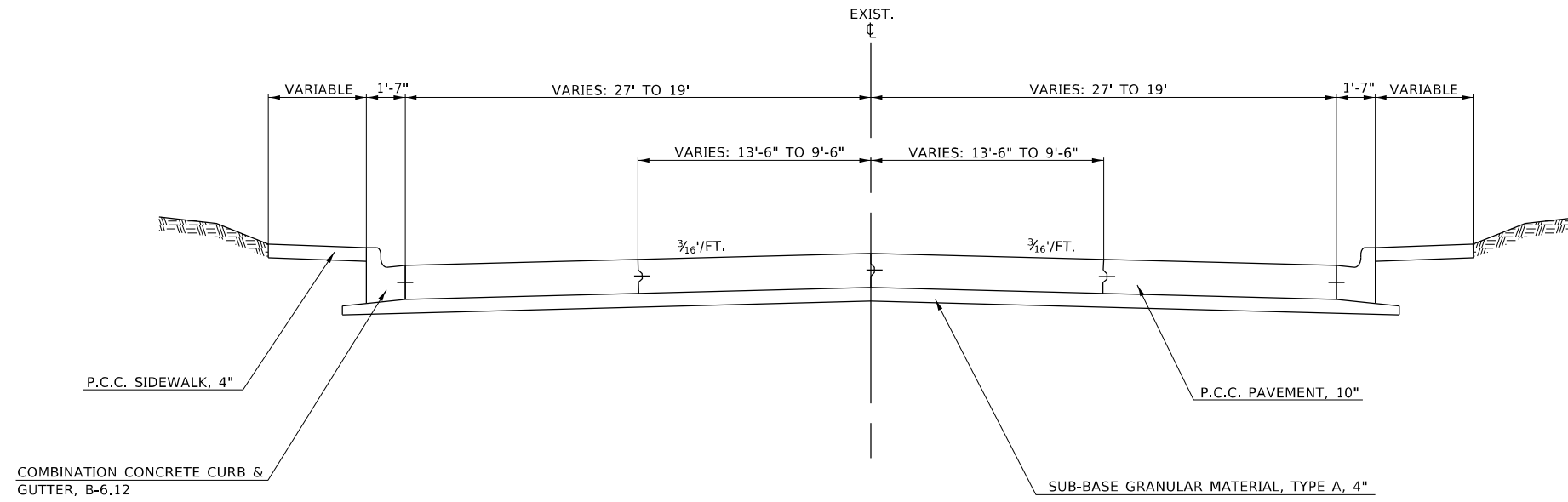
SCALE: NA SHEET 3 OF 13 SHEETS STA. TO STA.

\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	19
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

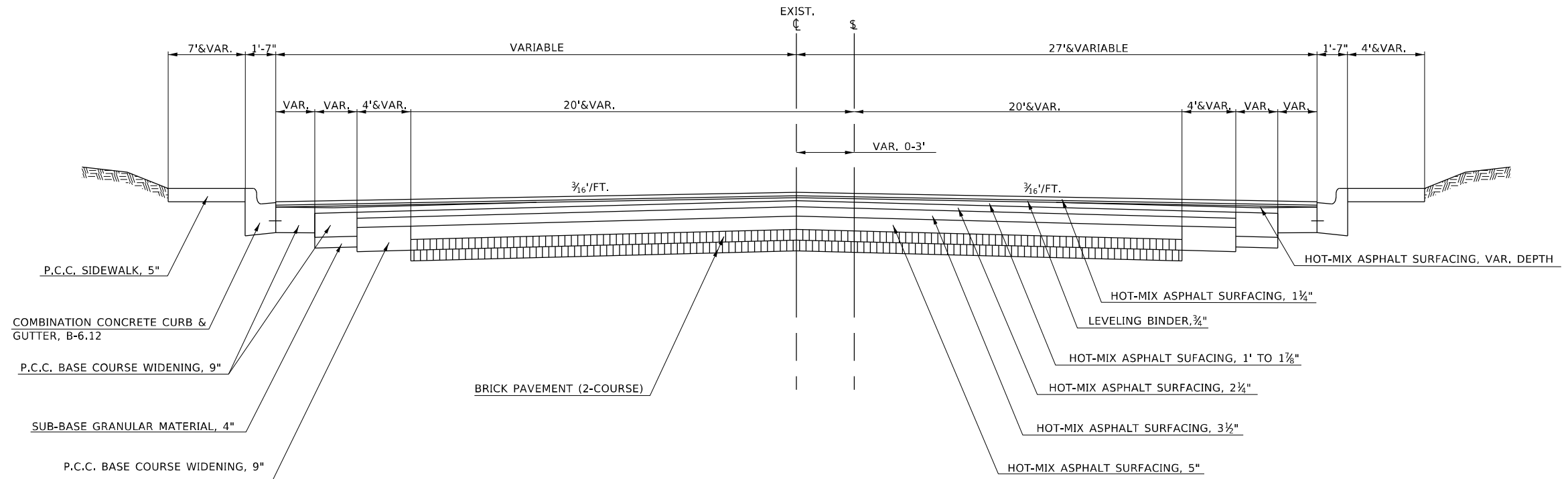
**EXISTING TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
STA. 25+37.20 TO STA. 29+80.00



**EXISTING TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
STA. 35+88.50 TO STA. 41+64.10



MODEL: Default  
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 PLOT DATE: 2/11/2021

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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL  
CROSS SECTIONS**

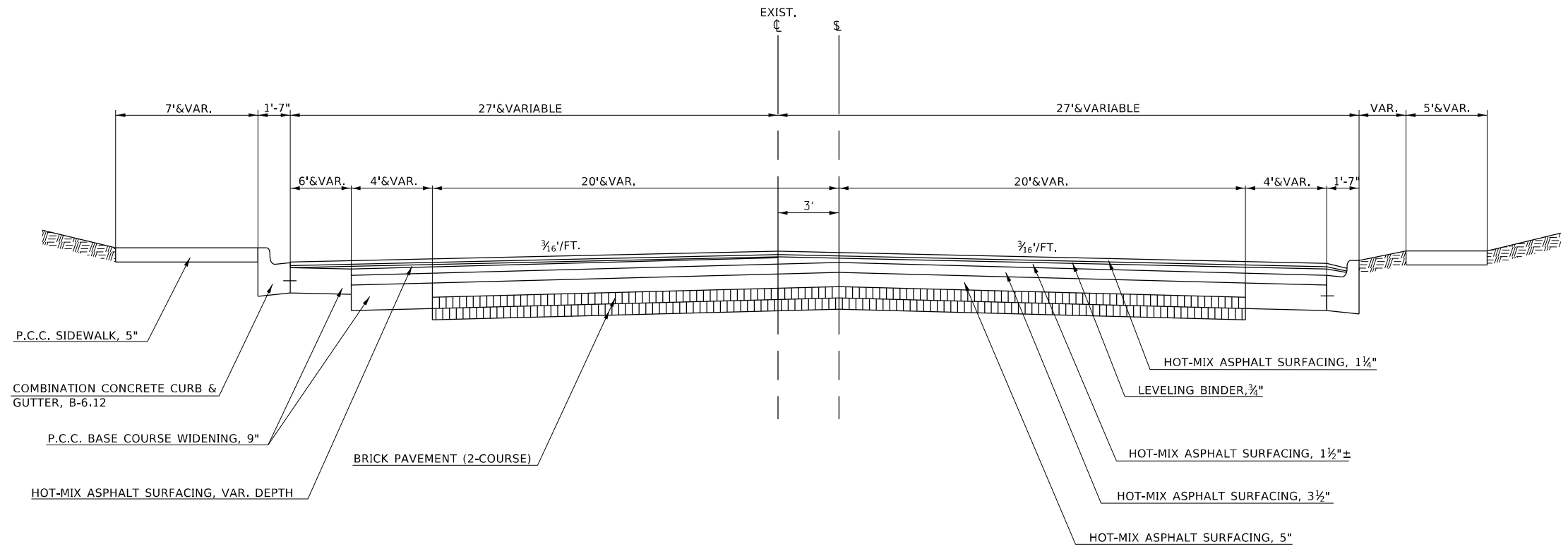
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\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	20
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

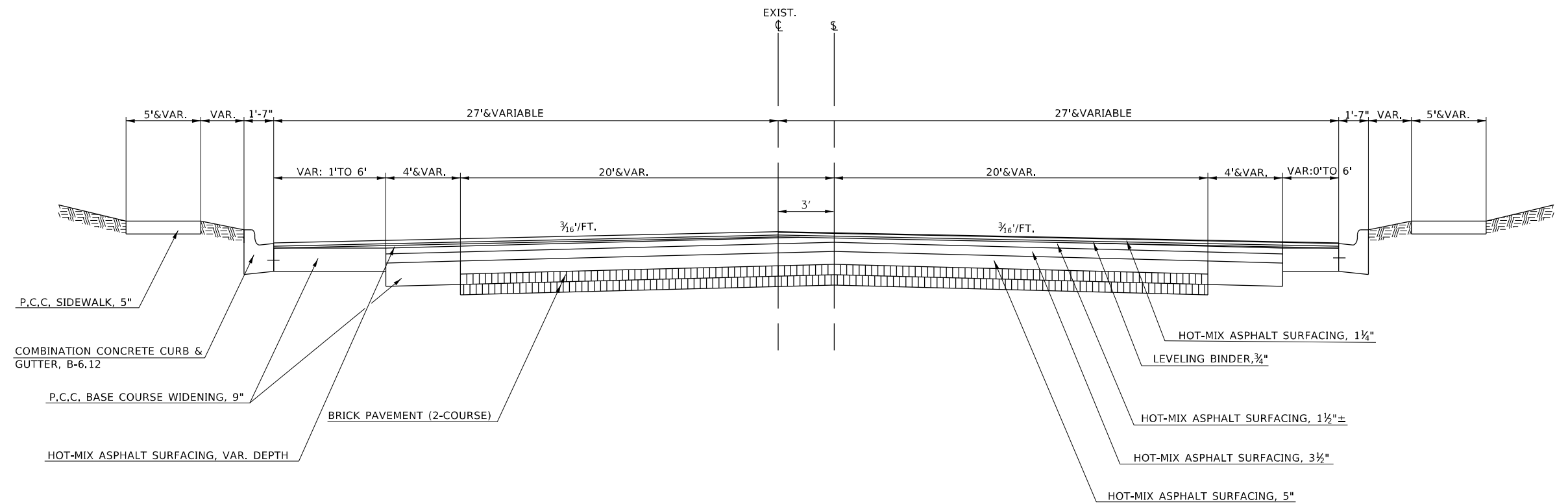
**EXISTING TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
STA. 41+64.10 TO STA. 47+79.89



**EXISTING TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
STA. 47+79.89 TO STA. 55+70.72



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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL  
CROSS SECTIONS**

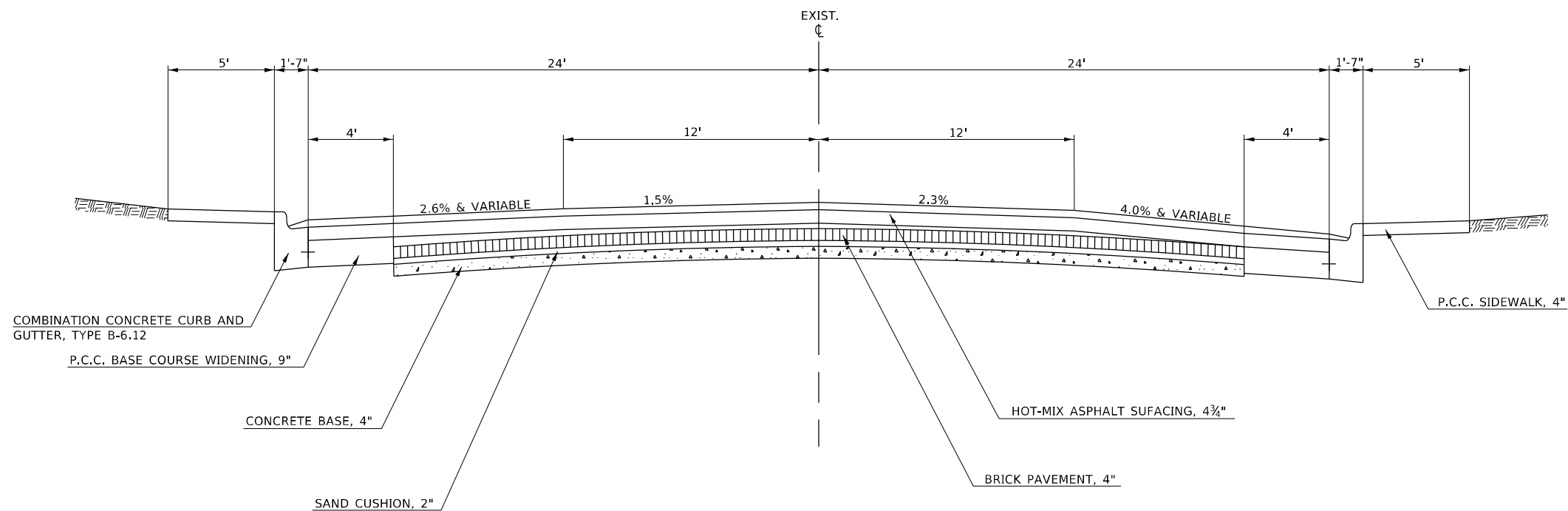
SCALE: NA SHEET 5 OF 13 SHEETS STA. TO STA.

\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	21
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

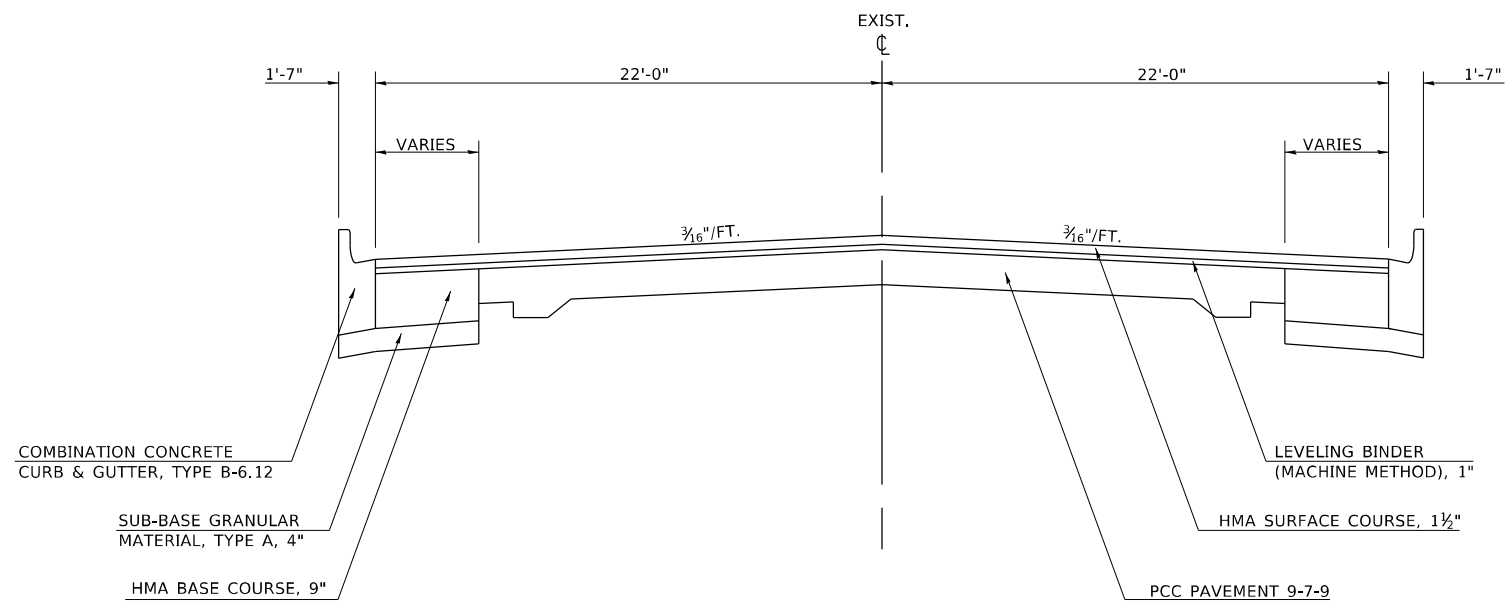
**EXISTING TYPICAL SECTIONS**

WEST ELDORADO ST.  
 STA. 04+43.40 TO STA. 04+78.13  
 STA. 04+78.40 TO STA. 05+22.31 (IL 48)  
 STA. 05+22.31 TO STA. 10+58.59



**EXISTING TYPICAL CROSS SECTION**

IL 48 (FAIRVIEW AVE.)  
 STA. 39+78.30 TO STA. 40+86.80



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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL  
 CROSS SECTIONS**

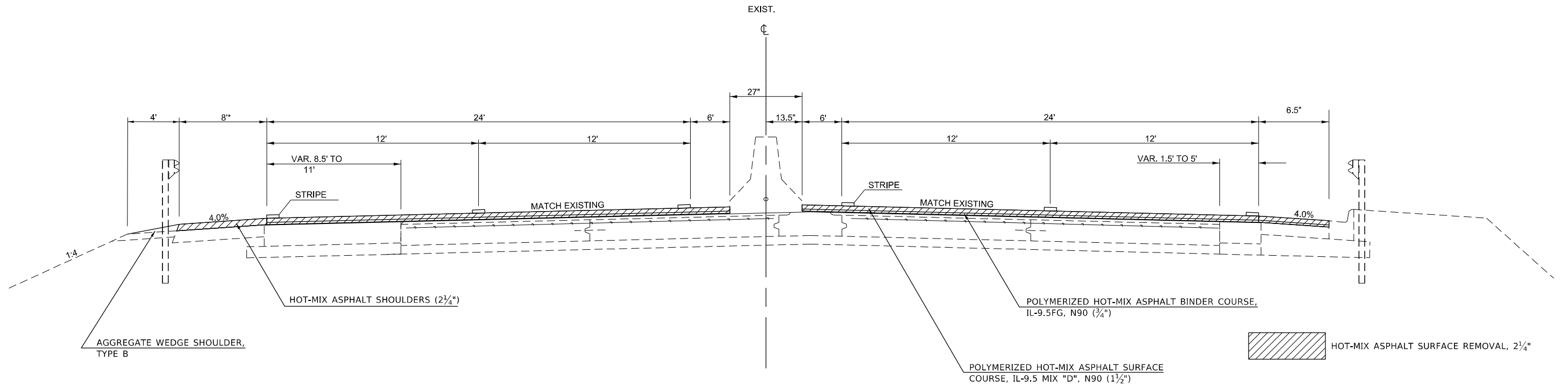
SCALE: NA SHEET 6 OF 13 SHEETS STA. TO STA.

\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(13Z, 13Z-1)RS-3	MACON	208	22
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

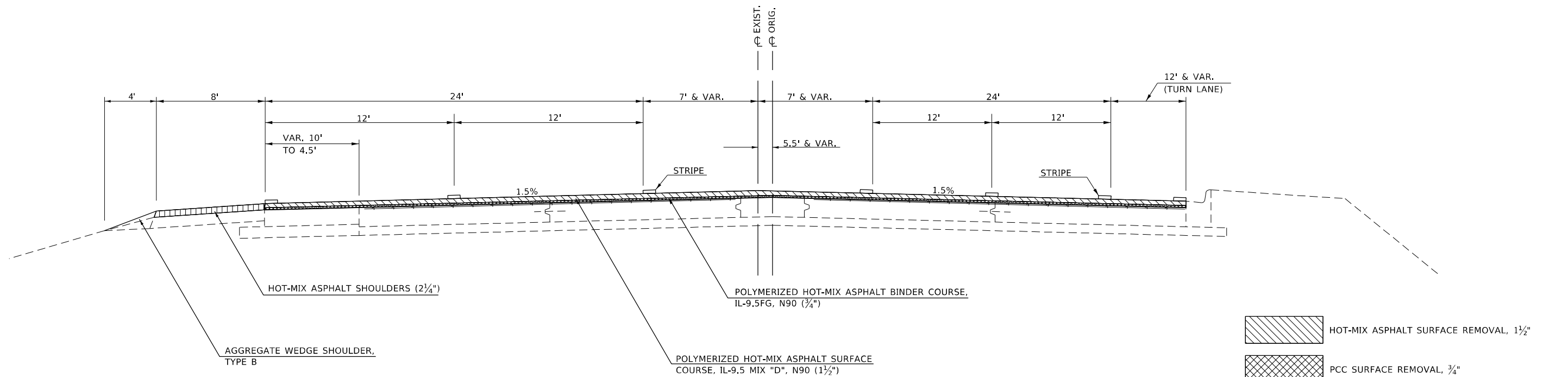
**PROPOSED TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
STA. 463+44.16 TO STA. 467+30.00



**PROPOSED TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
STA. 467+30.00 TO STA. 470+23.40



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PLOT DATE = 2/11/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL  
CROSS SECTIONS**

SCALE: NA SHEET 7 OF 13 SHEETS STA. TO STA.

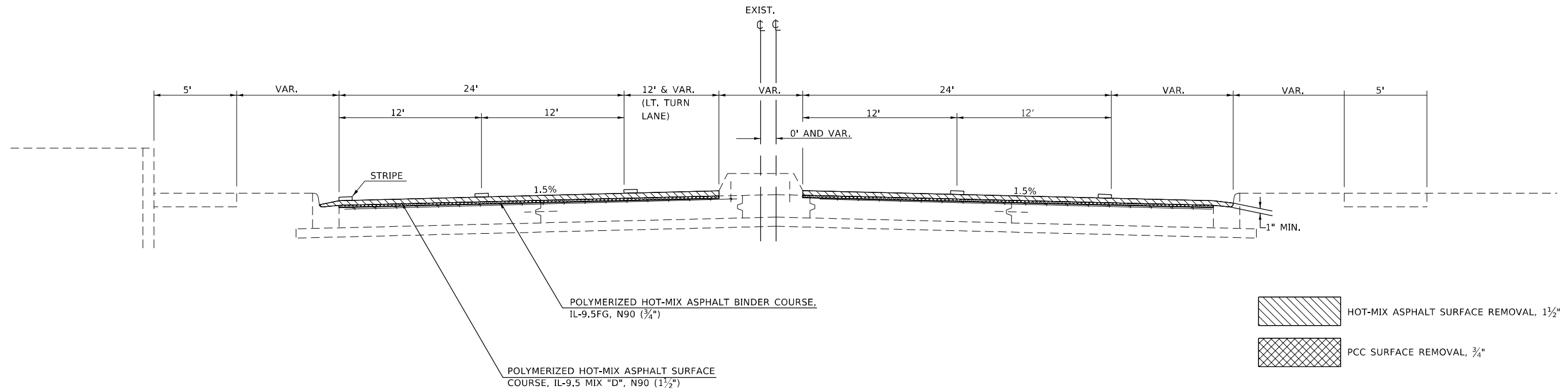
\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	23
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



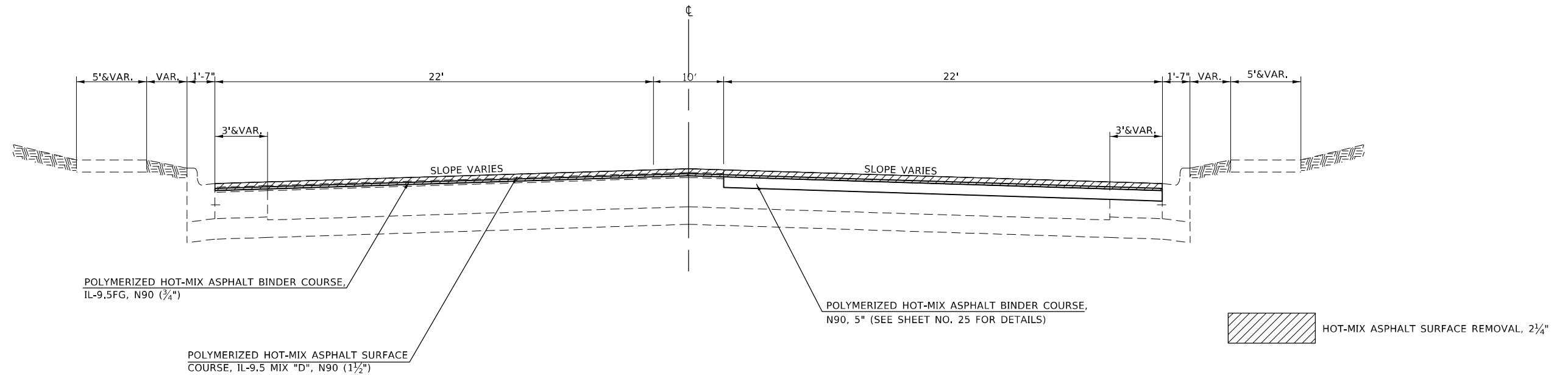
**PROPOSED TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
 STA. 470+23.40 TO STA. 476+00.70



**PROPOSED TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
 STA. 476+00.70 TO STA. 476+50.44  
 STA. 476+50.44(BK) = STA. 11+82.06(AH) STA. EQ.  
 STA. 11+82.06 TO STA. 13+48.50



MODEL: Default  
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

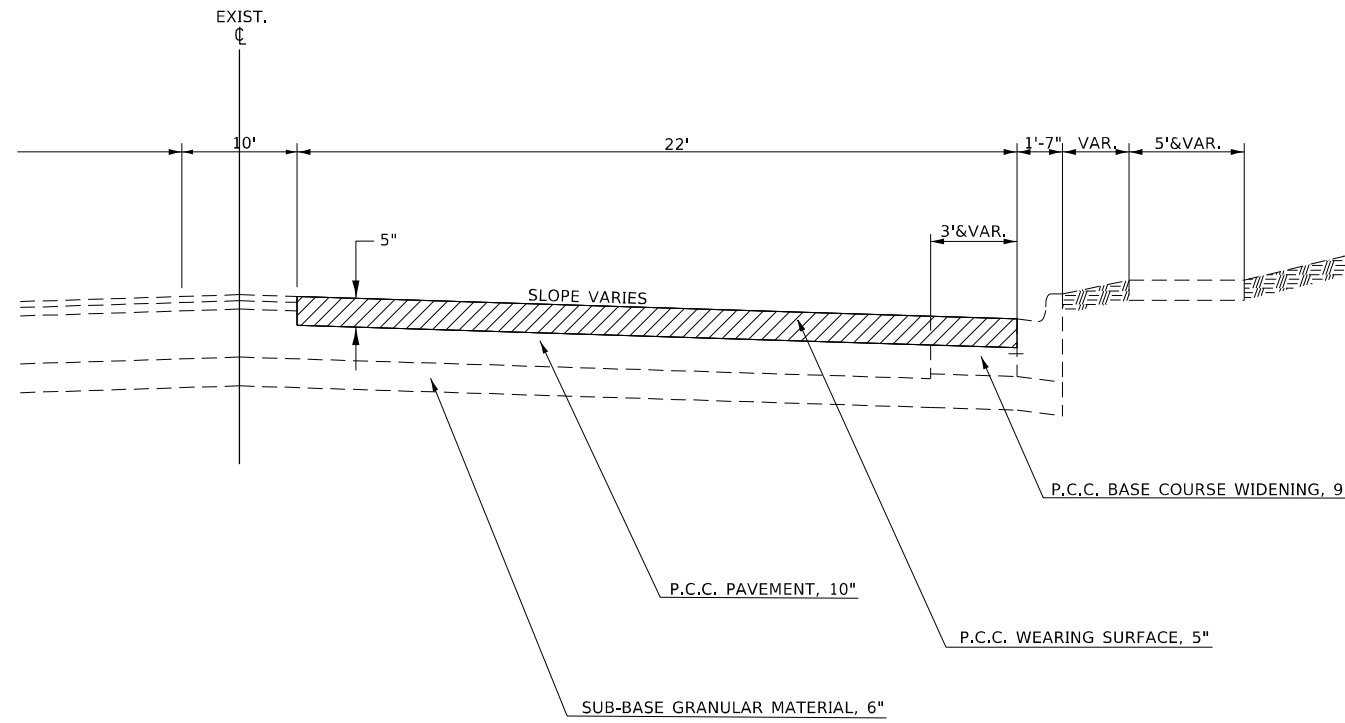
**PROPOSED TYPICAL  
 CROSS SECTIONS**


SCALE: NA SHEET 8 OF 13 SHEETS STA. TO STA.

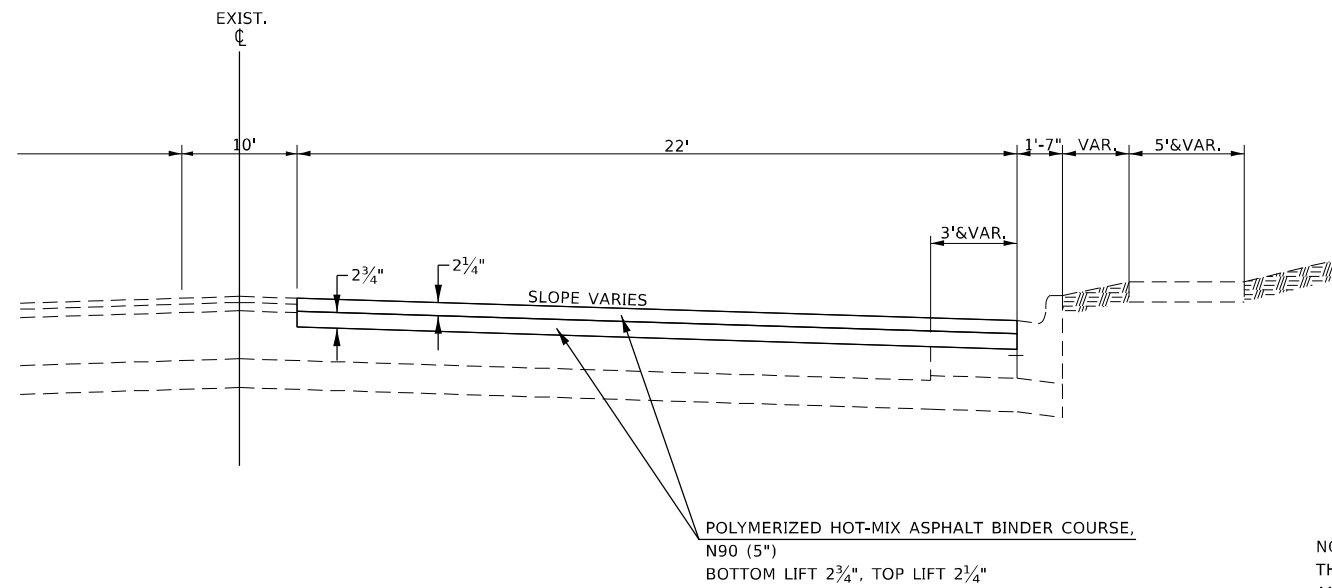
\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	24
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

U.S. 36 (ELDORADO ST.)  
 STA. 475+92.80 TO STA. 476+50.44  
 STA 476+50.44(BK) = STA. 11+82.06(AH)  
 STA. 11+82.06 TO STA. 13+48.50



 PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)



NOTE:  
 THIS WORK SHALL BE COMPLETED BEFORE  
 ANY ADA SIDEWALK WORK HAS STARTED AT  
 THIS LOCATION.

MODEL: Default  
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PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DETAIL P.C.C. WEARING SURFACE  
 REMOVAL AND REPLACEMENT

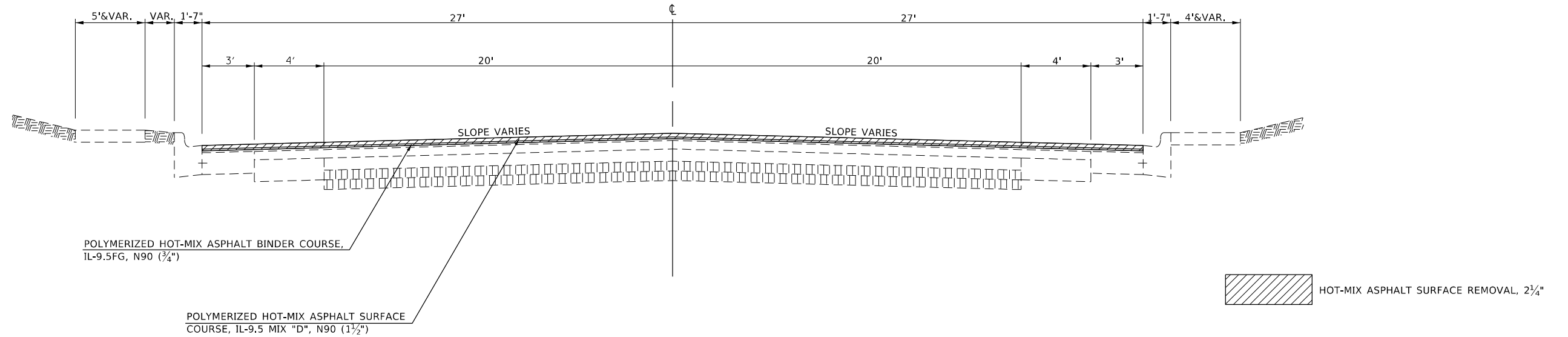
SCALE: NA SHEET 9 OF 13 SHEETS STA. TO STA.

\*FAP 323 & FAU 7404

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	25
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

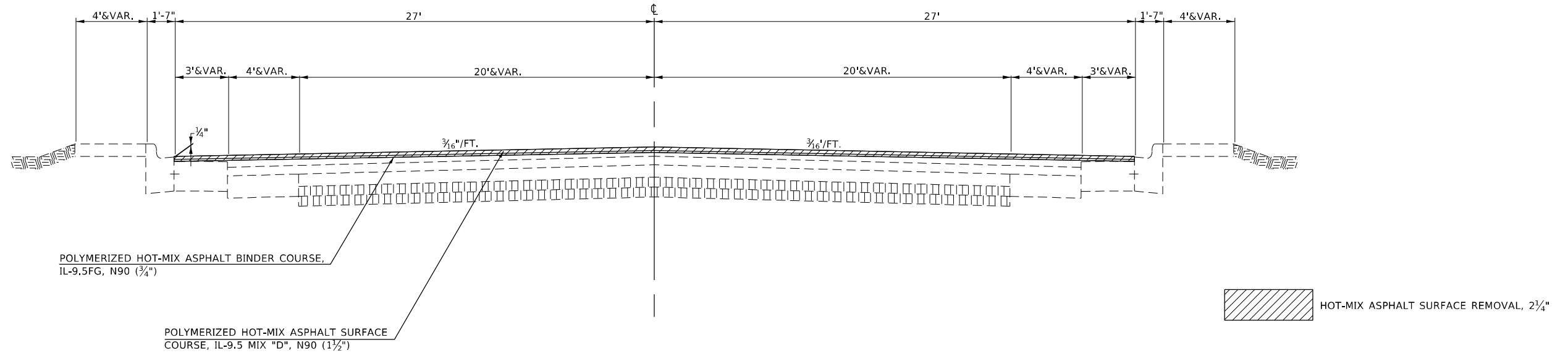
**PROPOSED TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
 STA. 13+48.50 TO STA. 14+49.80



**PROPOSED TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
 STA. 14+49.80 TO STA. 25+37.30  
 STA. 29+80.00 TO STA. 35+88.50



MODEL: Default  
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	DRAWN -	REVISED -
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL  
 CROSS SECTIONS**

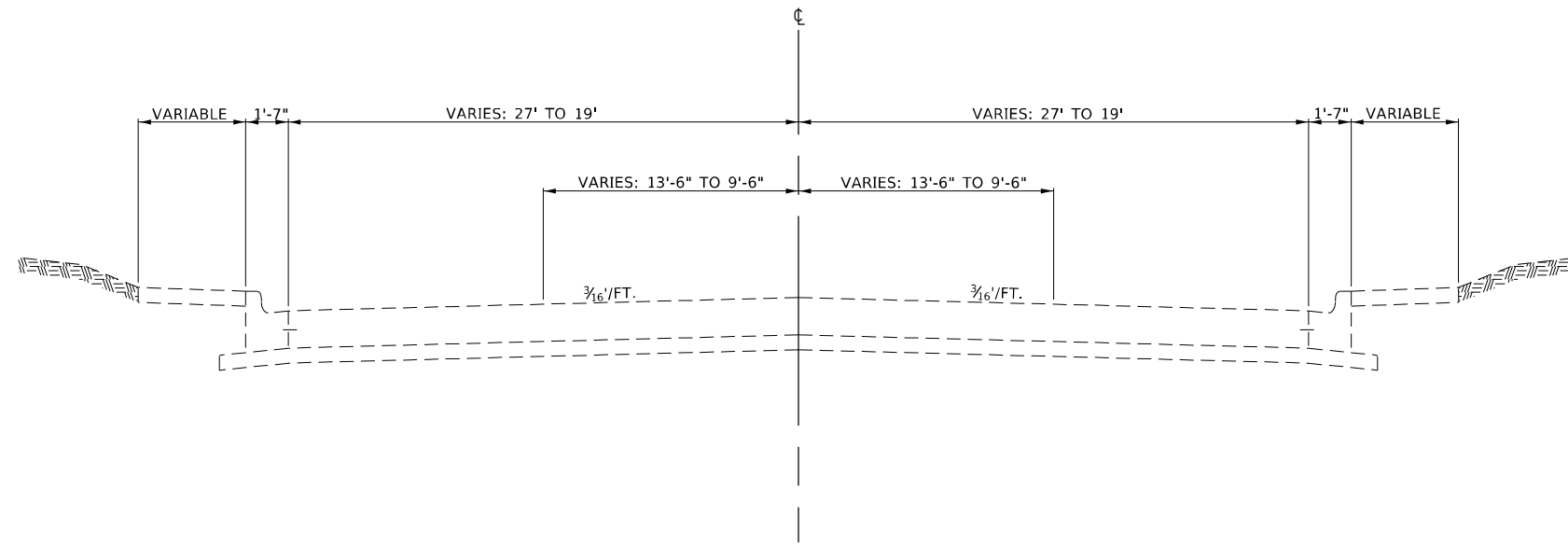
SCALE: NA SHEET 10 OF 13 SHEETS STA. TO STA.

\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	26
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

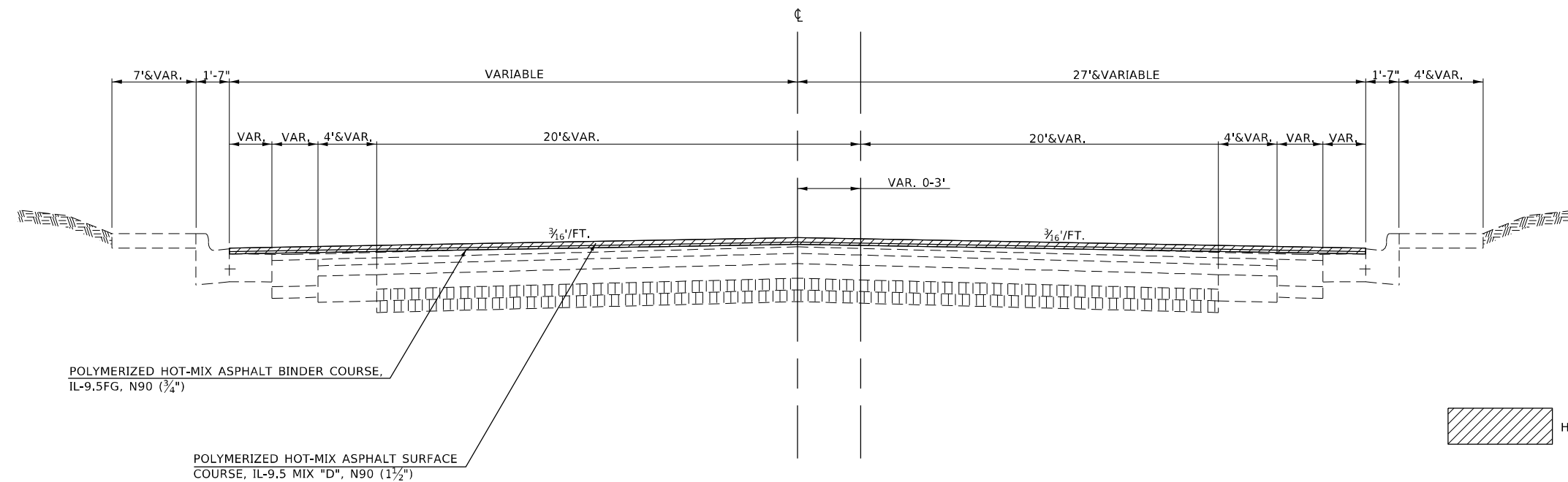
**PROPOSED TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
 STA. 25+37.30 TO STA. 29+80.00 OMISSION



**PROPOSED TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
 STA. 35+88.50 TO STA. 41+64.10



MODEL: Default  
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 OFFICE: District 7  
 DATE: 2/11/2021

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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL  
 CROSS SECTIONS**

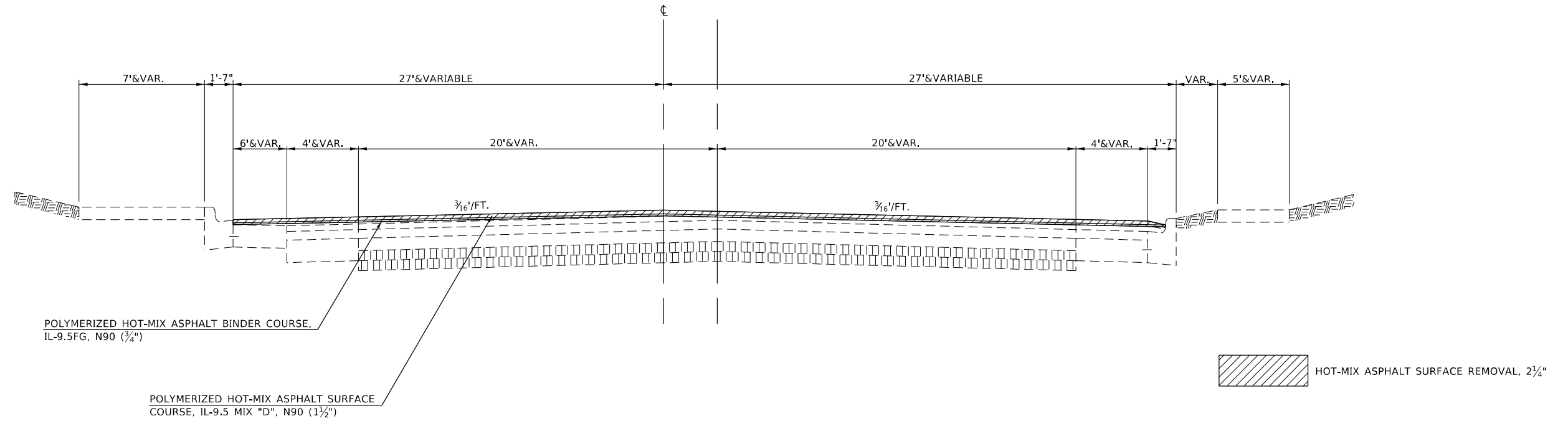
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FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	27
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

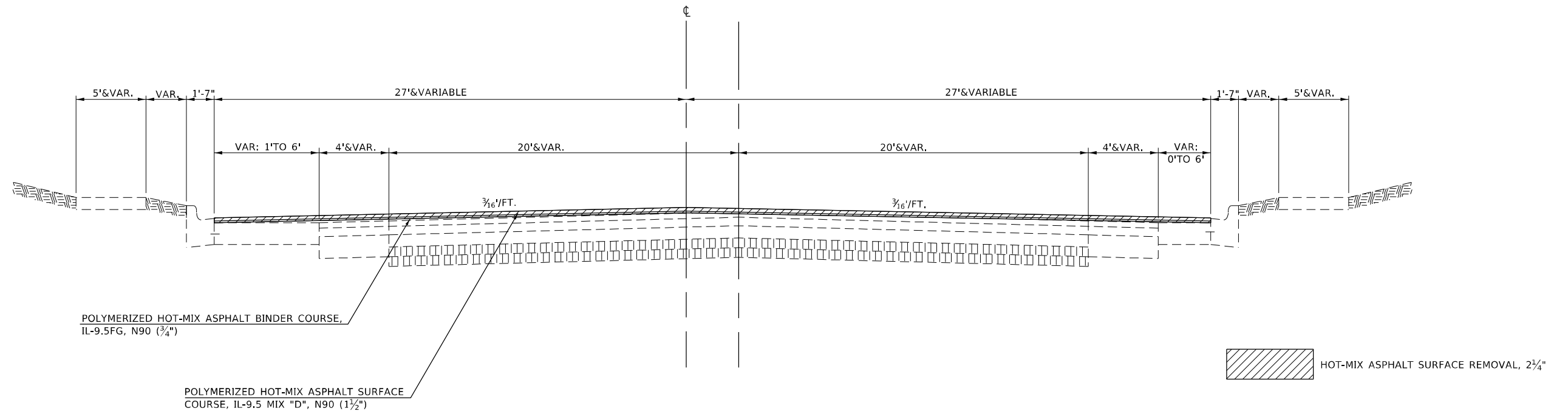
**PROPOSED TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
STA. 41+64.10 TO STA. 47+79.89



**PROPOSED TYPICAL SECTIONS**

U.S. 36 (ELDORADO ST.)  
STA. 47+79.89 TO STA. 55+70.72



MODEL: Default  
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL  
CROSS SECTIONS**

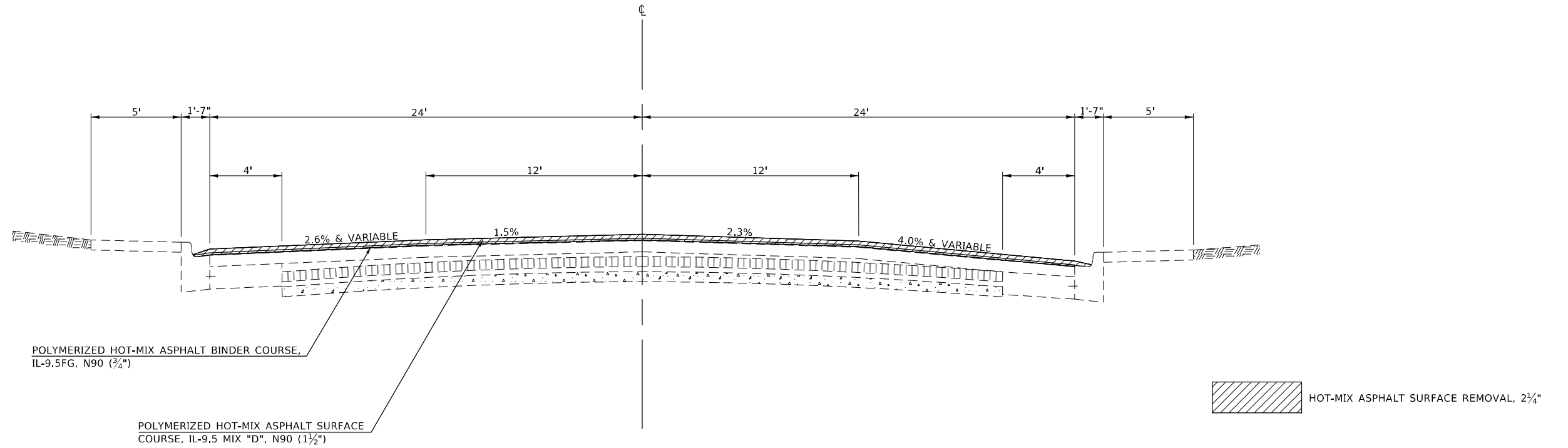
SCALE: NA SHEET 12 OF 13 SHEETS STA. TO STA.

\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	28
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

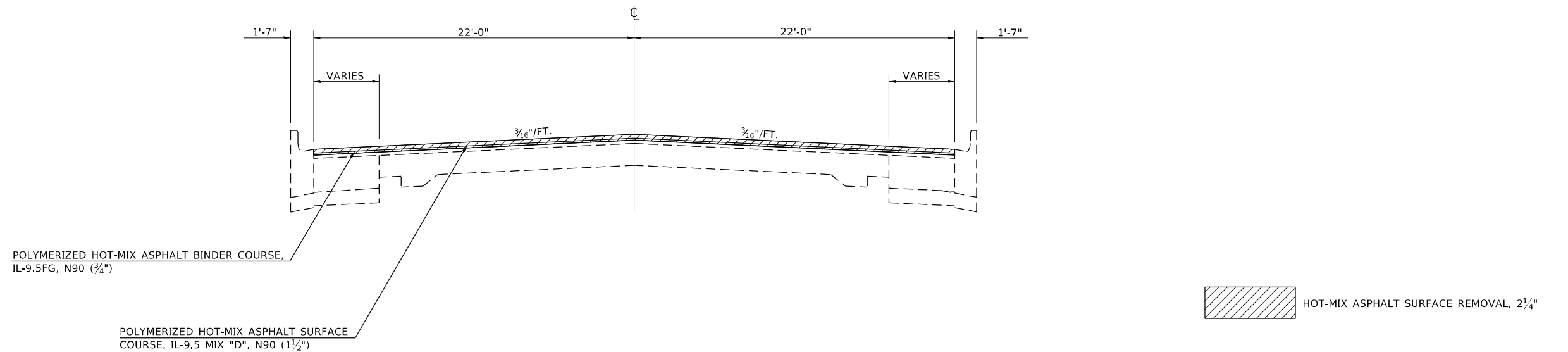
**PROPOSED TYPICAL SECTIONS**

WEST ELDORADO ST.  
 STA. 04+43.40 TO STA. 04+78.13  
 STA. 04+78.40 TO STA. 05+22.31 (IL 48)  
 STA. 05+22.31 TO STA. 10+58.59



**PROPOSED TYPICAL SECTION**

IL 48 (FAIRVIEW AVE.)  
 STA. 39+78.30 TO STA. 40+86.80



MODEL: Default  
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USER NAME = steffenmk	DESIGNED -	REVISED -
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PLOT DATE = 2/11/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL  
 CROSS SECTIONS**

NA SHEET 13 OF 13 SHEETS STA. TO STA.

\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	29
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



PAVING SCHEDULE CONT'D

LOCATION		LENGTH	PAVEMENT WIDTH	SHOULDER WIDTH	AREA	PORTLAND CEMENT CONCRETE SURFACE REMOVAL, VARIABLE DEPTH	PORTLAND CEMENT CONCRETE SURFACE REMOVAL, 3/4"	PAVED SHOULDER REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	HOT-MIX ASPHALT SHOULDERS, 2 1/4"	LONGITUDINAL JOINT SEALANT	AGGREGATE SHOULDER WEDGE, TYPE B
STATION	TO STATION	FEET	FEET	FEET	SQ FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	POUND	SQ YD	TON	TON	SQ YD	FOOT	TON
US 36 (ELDORADO ST.) CONT'D																	
47+31.36	TO 51+66.14	434.8	54.3	0.0	23,608.6	0.0	0.0	0.0	0.0	2,623.2	1,770.6	0.0	110.2	220.3	0.0	1,739.1	0.0
51+66.14	TO 54+80.90	314.8	54.2	0.0	17,060.0	0.0	0.0	0.0	0.0	1,895.6	1,279.5	0.0	79.6	159.2	0.0	1,259.0	0.0
54+80.90	TO 55+70.72	89.8	56.3	0.0	5,056.9	0.0	0.0	0.0	0.0	561.9	379.3	0.0	23.6	47.2	0.0	359.3	0.0
IL 48 (FAIRVIEW AVE.)																	
39+79.27	TO 40+86.79	107.5	44.2	0.0	4,752.4	0.0	0.0	0.0	0.0	528.0	356.4	0.0	22.2	44.4	0.0	0.0	0.0
FAU 7404 (W. ELDORADO ST.)																	
4+43.43	TO 4+78.13	34.7	Variable	0.0	1,707.7	0.0	0.0	0.0	0.0	189.7	128.1	0.0	8.0	15.9	0.0	0.0	0.0
4+78.13	TO 5+22.31	44.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5+22.31	TO 5+71.50	49.2	Variable	0.0	3,171.8	0.0	0.0	0.0	0.0	352.4	237.9	0.0	14.8	29.6	0.0	147.6	0.0
5+71.50	TO 6+64.55	93.1	Variable	0.0	4,751.0	0.0	0.0	0.0	0.0	527.9	356.3	0.0	22.2	44.3	0.0	279.2	0.0
6+64.55	TO 9+60.25	295.7	49.7	0.0	14,696.3	0.0	0.0	0.0	0.0	1,632.9	1,102.2	0.0	68.6	137.2	0.0	887.1	0.0
9+60.25	TO 10+58.49	98.2	Variable	0.0	6,345.8	0.0	0.0	0.0	0.0	705.1	475.9	0.0	29.6	59.2	0.0	294.7	0.0
N. OAKLAND AVE. (N. LEG)																	
50+27.35	TO 50+64.83	37.5	Variable	0.0	1,925.8	0.0	0.0	0.0	0.0	214.0	144.4	0.0	9.0	18.0	0.0	0.0	0.0
N. OAKLAND AVE. (S. LEG)																	
49+45.63	TO 49+72.38	26.8	Variable	0.0	1,493.9	0.0	0.0	0.0	0.0	166.0	112.0	0.0	7.0	13.9	0.0	0.0	0.0
N. DUNHAM ST.																	
0+27.13	TO 0+53.63	26.5	Variable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N. VAN DYKE ST.																	
10+25.63	TO 10+48.84	23.2	Variable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N. PINE ST.																	
9+50.17	TO 9+72.73	22.6	Variable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N. MERCER ST. (S. LEG)																	
9+44.33	TO 9+72.92	28.6	Variable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N. MERCER ST. (N. LEG)																	
10+27.01	TO 10+56.70	29.7	Variable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N. MONROE ST. (N. LEG)																	
11+12.45	TO 11+56.83	44.4	Variable	0.0	3,548.1	0.0	0.0	0.0	0.0	394.2	266.1	0.0	16.6	33.1	0.0	0.0	0.0
N. MONROE ST. (S. LEG)																	
10+16.03	TO 10+57.39	41.4	Variable	0.0	2,637.4	0.0	0.0	0.0	0.0	293.0	197.8	0.0	12.3	24.6	0.0	0.0	0.0
N. COLLEGE ST.																	
9+50.50	TO 9+71.97	21.5	Variable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N. EDWARDS ST. (N. LEG)																	
10+27.07	TO 10+55.62	28.6	Variable	0.0	1,442.5	0.0	0.0	0.0	0.0	160.3	108.2	0.0	6.7	13.5	0.0	0.0	0.0
N. EDWARDS ST. (S. LEG)																	
9+41.38	TO 9+72.86	31.5	Variable	0.0	1,184.6	0.0	0.0	0.0	0.0	131.6	88.8	0.0	5.5	11.1	0.0	0.0	0.0
N. UNION ST. (N. LEG)																	
10+27.62	TO 10+53.20	25.6	Variable	0.0	1,083.6	0.0	0.0	0.0	0.0	120.4	81.3	0.0	5.1	10.1	0.0	0.0	0.0
N. UNION ST. (S. LEG)																	
9+14.51	TO 9+51.26	36.8	Variable	0.0	1,044.2	0.0	0.0	0.0	0.0	116.0	78.3	0.0	4.9	9.7	0.0	0.0	0.0
9+51.26	TO 9+73.22	22.0	Variable	0.0	1,013.0	0.0	0.0	0.0	0.0	112.6	76.0	0.0	4.7	9.5	0.0	0.0	0.0
SHEET TOTALS =						0	0	0	0	10,725	7,240	0	450	901	0	4,966	0
PROJECT TOTALS =						548	5,216	112	5,216	32,977	26,897	153	1,758	3,347	1,186	22,226	12

MODEL: \\MODELS\MAMTS  
FILE NAME: 0715

\*FAP 323 & FAU 7404

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA SHEET 2 OF 11 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	31
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				







PAVEMENT MARKING BLACKOUT TAPE, 5"				
LOCATION		LENGTH (FT)	4"OUTSIDE EDGE LINE (FT)	
STAGE I				
US 36 (ELDORADO ST.) EAST BOUND LANES				
460+16.35	TO	461+31.46	115.1	115.1
461+31.46	TO	463+75.77	244.3	244.3
US 36 (ELDORADO ST.) WEST BOUND LANES				
461+78.77	TO	464+65.41	286.6	286.6
464+65.41	TO	465+29.44	64.0	64.0
		TOTAL STG I	710.1	
STAGE II				
US 36 (ELDORADO ST.) EAST BOUND LANES				
460+16.35	TO	461+31.46	115.1	115.1
461+31.46	TO	463+75.55	244.1	244.1
US 36 (ELDORADO ST.) WEST BOUND LANES				
461+78.77	TO	464+65.41	286.6	286.6
464+65.41	TO	465+29.44	64.0	64.0
		TOTAL STG II	709.9	
		PROJECT TOTAL	1,420.0	

PAVEMENT MARKING BLACKOUT TAPE, 7"				
LOCATION		LENGTH (FT)	6" CL SKIP-DASH (FT)	
STAGE I				
US 36 (ELDORADO ST.) EAST BOUND LANES				
460+16.35	TO	461+31.46	115.1	0.0
461+31.46	TO	463+75.55	244.1	6.1
US 36 (ELDORADO ST.) WEST BOUND LANES				
461+78.77	TO	464+65.41	286.6	0.0
464+65.41	TO	465+29.44	64.0	1.3
465+29.44	TO	470+38.31	508.9	0.0
470+38.31	TO	470+98.00	59.7	1.2
		TOTAL STG I	8.6	
STAGE II				
US 36 (ELDORADO ST.) EAST BOUND LANES				
461+00.98	TO	461+64.00	63.0	1.3
461+64.00	TO	463+77.61	213.6	0.0
US 36 (ELDORADO ST.) WEST BOUND LANES				
461+77.78	TO	463+75.81	198.0	0.0
463+75.81	TO	464+46.06	70.3	1.4
464+46.06	TO	470+38.31	592.3	0.0
470+38.31	TO	470+98.00	59.7	1.2
		TOTAL STG II	3.9	
		PROJECT TOTAL	12	

TEMPORARY CONCRETE BARRIER			
LOCATION		LENGTH (FOOT)	
EASTBOUND LANES			
460+57.79	TO	461+85.13	125
461+85.13	TO	463+75.55	187.5
WESTBOUND LANES			
461+78.80	TO	463+62.10	187.5
463+62.10	TO	464+72.49	125
		PROJECT TOTAL	625

RELOCATE TEMPORARY CONCRETE BARRIER			
LOCATION		LENGTH (FOOT)	
EASTBOUND LANES			
461+10.09	TO	461+86.02	75
461+86.02	TO	463+77.60	187.5
WESTBOUND LANES			
461+77.78	TO	463+60.42	187.5
463+60.42	TO	464+33.73	75
		PROJECT TOTAL	525

CLASS C PATCHING SCHEDULE

LOCATION	CLASS C PATCHES, TYPE I, 12"	CLASS C PATCHES, TYPE II, 12"	CLASS C PATCHES, TYPE III, 12"	CLASS C PATCHES, TYPE IV, 12"	CLASS C PATCHES, TYPE I, 13"	CLASS C PATCHES, TYPE II, 13"	CLASS C PATCHES, TYPE IV, 13"	CLASS C PATCHES, TYPE I, 15"	CLASS C PATCHES, TYPE IV, 15"
	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
FAP 323(US 36)	44	59	20	163	4	72	167	4	72

CLASS B PATCHING SCHEDULE

LOCATION	CLASS B PATCHES, TYPE II, 10"	CLASS B PATCHES, TYPE I, 12"	CLASS B PATCHES, TYPE II, 12"	CLASS B PATCHES, TYPE III, 12"	SAW CUTS	WELDED WIRE REINFORCEMENT	TIE BARS 3/4"	DOWEL BARS, 1 1/2"
	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	SQ YD	EACH	EACH
FAP 323(US 36)	334	4	352	95	4,157	95	7	1,752

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USER NAME = stefenmk	DESIGNED -	REVISED -
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/27/2021	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF  
QUANTITIES

SCALE: NA SHEET 5 OF 11 SHEETS STA. TO STA.

\*FAP 323 &FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	34
			CONTRACT NO. 74702	
		ILLINOIS	FED. AID PROJECT	





REMOVAL SCHEDULE

LOCATION	CURB REMOVAL FOOT	PAVEMENT REMOVAL SQ YD	COMBINATION CURB AND GUTTER REMOVAL FOOT	SIDEWALK REMOVAL SQ FT
<b>INTERSECTION IL 48 (FAIRVIEW AVE) &amp; W. ELDORADO,</b>				
NW QUADRANT	0.0	8.5	35.4	344.4
NE QUADRANT	0.0	9.4	38.5	550.4
SW QUADRANT	0.0	11.5	47.9	173.8
SE QUADRANT	0.0	13.3	55.1	244.5
<b>INTERSECTION W. ELDORADO &amp; US 36 (ELDORADO AVE.)</b>				
NE QUADRANT	0.0	2.2	10.0	108.2
SW QUADRANT	0.0	6.5	30.3	76.5
SE QUADRANT	0.0	9.2	40.3	202.6
<b>INTERSECTION N. OAKLAND AVE. &amp; US 36 (ELDORADO AVE.)</b>				
NW QUADRANT	0.0	12.1	51.8	282.3
NE QUADRANT	30.9	9.7	45.3	356.0
SW QUADRANT	0.0	12.7	53.6	257.2
SE QUADRANT	0.0	11.6	47.0	217.2
<b>INTERSECTION N. DUNHAM ST. &amp; US 36 (ELDORADO AVE.)</b>				
NW QUADRANT	0.0	0.0	0.0	0.0
NE QUADRANT	0.0	0.0	0.0	0.0
<b>INTERSECTION N. VAN DYKE ST. &amp; US 36 (ELDORADO AVE.)</b>				
NW QUADRANT	0.0	24.5	37.9	353.5
NE QUADRANT	0.0	6.6	27.2	239.2
SW QUADRANT	51.7	0.0	112.8	597.4
<b>INTERSECTION N. PINE ST. &amp; US 36 (ELDORADO AVE.)</b>				
SW QUADRANT	0.0	0.0	0.0	0.0
SE QUADRANT	0.0	0.0	0.0	0.0
<b>SHEET TOTAL</b>	<b>83</b>	<b>138</b>	<b>633</b>	<b>4,003</b>

REMOVAL SCHEDULE CONT'D

LOCATION	CURB REMOVAL FOOT	PAVEMENT REMOVAL SQ YD	COMBINATION CURB AND GUTTER REMOVAL FOOT	SIDEWALK REMOVAL SQ FT
<b>INTERSECTION N. MERCER ST. &amp; US 36 (ELDORADO AVE.)</b>				
NW QUADRANT	0.0	0.0	0.0	0.0
NE QUADRANT	0.0	0.0	0.0	0.0
SW QUADRANT	0.0	0.0	0.0	0.0
SE QUADRANT	0.0	0.0	0.0	0.0
<b>INTERSECTION N. MONROE ST. &amp; US 36 (ELDORADO AVE.)</b>				
NW QUADRANT	0.0	9.7	35.5	321.5
NE QUADRANT	0.0	7.2	31.9	327.3
SW QUADRANT	0.0	12.3	49.8	252.1
SE QUADRANT	38.7	14.5	61.4	255.7
<b>INTERSECTION N. COLLEGE ST. &amp; US 36 (ELDORADO AVE.)</b>				
SW QUADRANT	0.0	0.0	0.0	0.0
SE QUADRANT	0.0	0.0	0.0	0.0
<b>INTERSECTION N. EDWARDS ST. &amp; US 36 (ELDORADO AVE.)</b>				
NW QUADRANT	0.0	9.0	37.4	379.4
NE QUADRANT	20.4	8.7	36.7	239.1
SW QUADRANT	0.0	8.3	36.6	273.6
SE QUADRANT	0.0	8.1	33.8	216.0
<b>INTERSECTION N. UNION ST. &amp; W. ELDORADO,</b>				
NW QUADRANT	0.0	7.8	32.4	251.7
NE QUADRANT	0.0	4.2	18.5	205.2
SW QUADRANT	0.0	8.0	31.9	147.2
SE QUADRANT	45.1	13.1	56.5	305.1
<b>SHEET TOTAL</b>	<b>104</b>	<b>111</b>	<b>462</b>	<b>3174</b>
<b>PROJECT TOTAL</b>	<b>187</b>	<b>249</b>	<b>1,095</b>	<b>7,177</b>

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\*FAP 323 & FAU 7404

USER NAME = stefenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/27/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF  
QUANTITIES**

SCALE: NA SHEET 8 OF 11 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	37
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

CONCRETE CONSTRUCTION SCHEDULE

LOCATION	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6,12	PORTLAND CEMENT CONCRETE SIDEWALK, 6"	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 11"	CONCRETE CURB, TYPE B (SPECIAL)	CLASS SI CONCRETE (MISCELLANEOUS)
	FOOT	SQ FT	SQ YD	FOOT	CU YD
<b>INTERSECTION IL 48 (FAIRVIEW AVE) &amp; W, ELDORADO,</b>					
NW QUADRANT	35.3	472.1	8.5	0.0	0.0
NE QUADRANT	38.4	415.1	8.9	40.0	0.0
SW QUADRANT	47.7	344.8	11.3	0.0	0.0
SE QUADRANT	54.9	277.4	12.8	0.0	0.0
<b>INTERSECTION W, ELDORADO &amp; US 36 (ELDORADO AVE.)</b>					
NE QUADRANT	10.0	121.1	2.2	0.0	0.0
SW QUADRANT	30.2	128.1	7.0	0.0	0.0
SE QUADRANT	40.3	220.1	9.2	0.0	0.0
<b>INTERSECTION N, OAKLAND AVE. &amp; US 36 (ELDORADO AVE.)</b>					
NW QUADRANT	51.6	476.2	12.1	0.0	0.0
NE QUADRANT	44.9	485.9	10.6	61.2	2.1
SW QUADRANT	53.6	413.1	12.4	0.0	0.0
SE QUADRANT	46.9	277.5	11.1	0.0	0.0
<b>INTERSECTION N, DUNHAM ST. &amp; US 36 (ELDORADO AVE.)</b>					
NW QUADRANT	0.0	0.0	0.0	0.0	0.0
NE QUADRANT	0.0	0.0	0.0	0.0	0.0
<b>INTERSECTION N, VAN DYKE ST. &amp; US 36 (ELDORADO AVE.)</b>					
NW QUADRANT	37.5	264.7	0.0	0.0	0.0
NE QUADRANT	27.0	298.9	0.0	0.0	0.0
SW QUADRANT	117.4	672.4	0.0	113.1	4.3
<b>INTERSECTION N, PINE ST. &amp; US 36 (ELDORADO AVE.)</b>					
SW QUADRANT	0.0	0.0	0.0	0.0	0.0
SE QUADRANT	0.0	0.0	0.0	0.0	0.0
<b>SHEET TOTAL</b>	<b>636</b>	<b>4,867</b>	<b>106</b>	<b>214</b>	<b>7</b>

CONCRETE CONSTRUCTION SCHEDULE CONT'D

LOCATION	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6,12	PORTLAND CEMENT CONCRETE SIDEWALK, 6"	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 11"	CONCRETE CURB, TYPE B (SPECIAL)	CLASS SI CONCRETE (MISCELLANEOUS)
	FOOT	SQ FT	SQ YD	FOOT	CU YD
<b>INTERSECTION N, MERCER ST. &amp; US 36 (ELDORADO AVE.)</b>					
NW QUADRANT	0.0	0.0	0.0	0.0	0.0
NE QUADRANT	0.0	0.0	0.0	0.0	0.0
SW QUADRANT	0.0	0.0	0.0	0.0	0.0
SE QUADRANT	0.0	0.0	0.0	0.0	0.0
<b>INTERSECTION N, MONROE ST. &amp; US 36 (ELDORADO AVE.)</b>					
NW QUADRANT	35.5	423.8	8.3	0.0	4.4
NE QUADRANT	31.9	438.4	7.4	0.0	0.1
SW QUADRANT	49.8	416.9	11.6	0.0	0.0
SE QUADRANT	62.0	371.4	14.2	0.0	0.5
<b>INTERSECTION N, COLLEGE ST. &amp; US 36 (ELDORADO AVE.)</b>					
SW QUADRANT	0.0	0.0	0.0	0.0	0.0
SE QUADRANT	0.0	0.0	0.0	0.0	0.0
<b>INTERSECTION N, EDWARDS ST. &amp; US 36 (ELDORADO AVE.)</b>					
NW QUADRANT	37.1	397.2	8.8	0.0	0.0
NE QUADRANT	36.9	266.5	8.9	0.0	1.7
SW QUADRANT	36.7	332.9	8.8	0.0	0.0
SE QUADRANT	33.7	242.1	8.1	0.0	0.6
<b>INTERSECTION N, UNION ST. &amp; W, ELDORADO,</b>					
NW QUADRANT	32.2	286.5	7.6	36.3	1.4
NE QUADRANT	18.3	254.7	4.3	0.0	0.0
SW QUADRANT	33.2	251.1	7.9	0.0	0.7
SE QUADRANT	56.4	312.4	12.8	42.7	0.1
<b>SHEET TOTAL</b>	<b>464</b>	<b>3,994</b>	<b>109</b>	<b>79</b>	<b>9</b>
<b>PROJECT TOTAL</b>	<b>1,249</b>	<b>8,861</b>	<b>215</b>	<b>293</b>	<b>16</b>

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PLOT DATE = 12/27/2021	CHECKED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF  
QUANTITIES**

SCALE: NA SHEET 9 OF 11 SHEETS STA. TO STA.

\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	38
CONTRACT NO. 74702				
ILLINOIS		FED. AID PROJECT		

DRAINAGE SCHEDULE

LOCATION	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE
INTERSECTION OF IL 48 (FAIRVIEW AVE.) & FAU 7404 (W. ELDORADO ST.)	EACH	EACH
NE QUADRANT, +36.9/LT. 44.1'	1	
SW QUADRANT, +52.9/RT. 21.3'	1	
INTERSECTION OF FAU 7404 (W. ELDORADO ST.) & FAP 323 (US 36)		
SE QUADRANT, +10.3/RT. 50.6'	1	
INTERSECTION OF N. OAKLAND AVE. & FAP 3223 (US 36)		
NE QUADRANT, +39+4/LT. 30.1'	1	
INTERSECTION OF N. VAN DYKE ST. & FAP 323 (US 36)		
NW QUADRANT, +44.1/LT. 17.6'		1
NE QUADRANT, +16.4/LT. 25.7'	1	
SW QUADRANT, +69.9/RT. 26.7'	1	
SW QUADRANT, +20.7/RT. 24.6'	1	
INTERSECTION OF N. MERCER ST. & FAP 323 (US 36)		
NE QUADRANT, +77.7/LT. 38.5'		
INTERSECTION OF N. EDWARDS ST. & FAP 323 (US 36)		
NE QUADRANT, +53.4/LT. 45.3'	1	
SW QUADRANT, +10.0/RT. 37.5	1	
SE QUADRANT, +46.7/RT. 47.0'	1	
INTERSECTION OF N. UNION ST. & FAP 323(US 36)		
SE QUADRANT, +81.8/RT. 54.4'	1	
PROJECT TOTAL	11	1

ADJUSTMENT SCHEDULE

LOCATION	VALVE BOX FRAMES TO BE ADJUSTED WITH NEW FRAMES	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
INTERSECTION OF IL 48 (FAIRVIEW AVE.) & FAU 7404 (W. ELDORADO ST.)	EACH	EACH
1 STA. 4+88.40/35' LT.	1	
2 STA. 4+97.40/15' RT.	1	
3 STA. 5+15/37' LT.	1	
4 STA. 5+17/48' LT.		1
INTERSECTION OF N. OAKLAND AVE. & FAP 3223 (US 36)		
5 STA. 13+05/20' RT.	1	
6 STA. 13+24/16' LT.		1
INTERSECTION OF N. DUNHAM ST. & FAP 323 (US 36)		
7 STA. 19+15/15' LT.		1
8 STA. 19+33/23' RT.	1	
9 STA. 19+38/20' RT.	1	
INTERSECTION OF N. VAN DYKE ST. & FAP 323 (US 36)		
10 STA. 25+46/27' LT.	1	
INTERSECTION OF N. PINE ST. & FAP 323 (US 36)		
11 STA. 32+40/5' LT.	1	
12 STA. 32+53/5' LT.	1	
INTERSECTION OF N. MERCER ST. & FAP 323 (US 36)		
13 STA. 35+36/9' RT.	1	
14 STA. 35+56/53' LT.		
15 STA. 35+56/2' RT.		1
INTERSECTION OF N. MONROE ST. & FAP 323 (US 36)		
16 STA. 38+36/2' LT.	1	
17 STA. 38+50/3' LT.	1	
18 STA. 38+58/38' RT.	1	
19 STA. 38+77/15' LT.	1	
20 STA.40+80/15' LT (BURIED)		1
INTERSECTION OF N. COLLEGE ST. & FAP 323 (US 36)		
21 STA. 43+10/19' RT.		1
INTERSECTION OF N. EDWARDS ST. & FAP 323 (US 36)		
22 STA. 47+20/12' RT.	1	
23 STA. 47+50/20' LT.		1
24 STA. 47+68/14' RT.	1	
INTERSECTION OF N. UNION ST. & FAP 323(US 36)		
25 STA. 51+53/7' LT.		1
26 STA. 51+60/18' LT.		1
PROJECT TOTAL	16	9

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/27/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF  
QUANTITIES**

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

\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	39
CONTRACT NO. 74702				
		ILLINOIS	FED. AID PROJECT	



PROTECTING OR RESETTING SURVEY MARKERS

LOCATION	O/S	DESCRIPTION	QUANTITY EACH
<b>US 36 (Eldorado St.)</b>			
467+08.62	0	PT (Drill hole w/cut "X" on top of PCC barrier)	1
468+79.55	0	PC (Mag Nail w/washer in chisled square)	1
473+91.77	0	PT (Drill Hole w/cut "X" on PCC raised median)	1
476+50.44 (BK)=11+82.06 (AH)	0	POT/Sta. Eq. (Mag Nail w/washer)	1
12+92.42	0	PI No Curve (IP w/yellow cap-buried +/- 3")	1
24+00.00	0	POT (Mag Nail w/washer)	1
35+88.25	0	PI No Curve (IP w/yellow cap-buried +/- 3")	1
38+14.21	0	PI No Curve (IP w/yellow cap-buried +/- 3")	1
41+63.90	0	PI No Curve (IP w/yellow cap-buried +/- 3")	1
47+79.57	0	PI No Curve (IP w/yellow cap-buried +/- 3")	1
<b>IL 48 (Fairview Ave.)</b>			
40+33.45 (IL 48)= 5+00.00 (W. Eldorado St.)	0	POT (IP in IDOT Vault)	1
40+80.88	0	PC (Cut "X")	1
<b>FAU 7404 (W. Eldorado St.)</b>			
08+46.18	0	PC (Aluminum Disk w/punch mark)	1
08+90.12	7,28' RT.	PI (Mag Nail w/washer)	1
09+30.87	0	PT (Aluminum Disk w/punch mark)	1
<b>TOTAL =</b>			<b>15</b>

PERMANENT SURVEY MARKERS, TYPE I

LOCATION	DESCRIPTION	QUANTITY EACH
<b>US 36 (Eldorado St.)</b>		
476+50.44 BK = 11+82.06 AH	POT/STA. EQUATION (Mag Nail w/washer)	1
12+92.42	PI No Curve (IP w/yellow cap buried +/- 3")	1
24+00.00	POT (Mag Nail w/washer)	1
35+88.25	PI No Curve (IP w/yellow cap buried +/- 3")	1
38+14.21	PI No Curve (IP w/yellow cap buried +/- 3")	1
41+63.90	PI No Curve (IP w/yellow cap buried +/- 3")	1
47+79.57	PI No Curve (IP w/yellow cap buried +/- 3")	1
<b>FAU 7404 (W. Eldrado St.)</b>		
08+46.18	PC (Aluminum IDOT Disk w/punch mark)	1
08+90.12	PI (Mag Nail w/washer)	1
09+30.87	PT (Aluminum Disk w/punch mark)	1
<b>PROJECT TOTAL =</b>		<b>10</b>

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\*FAP 323 & FAU 7404

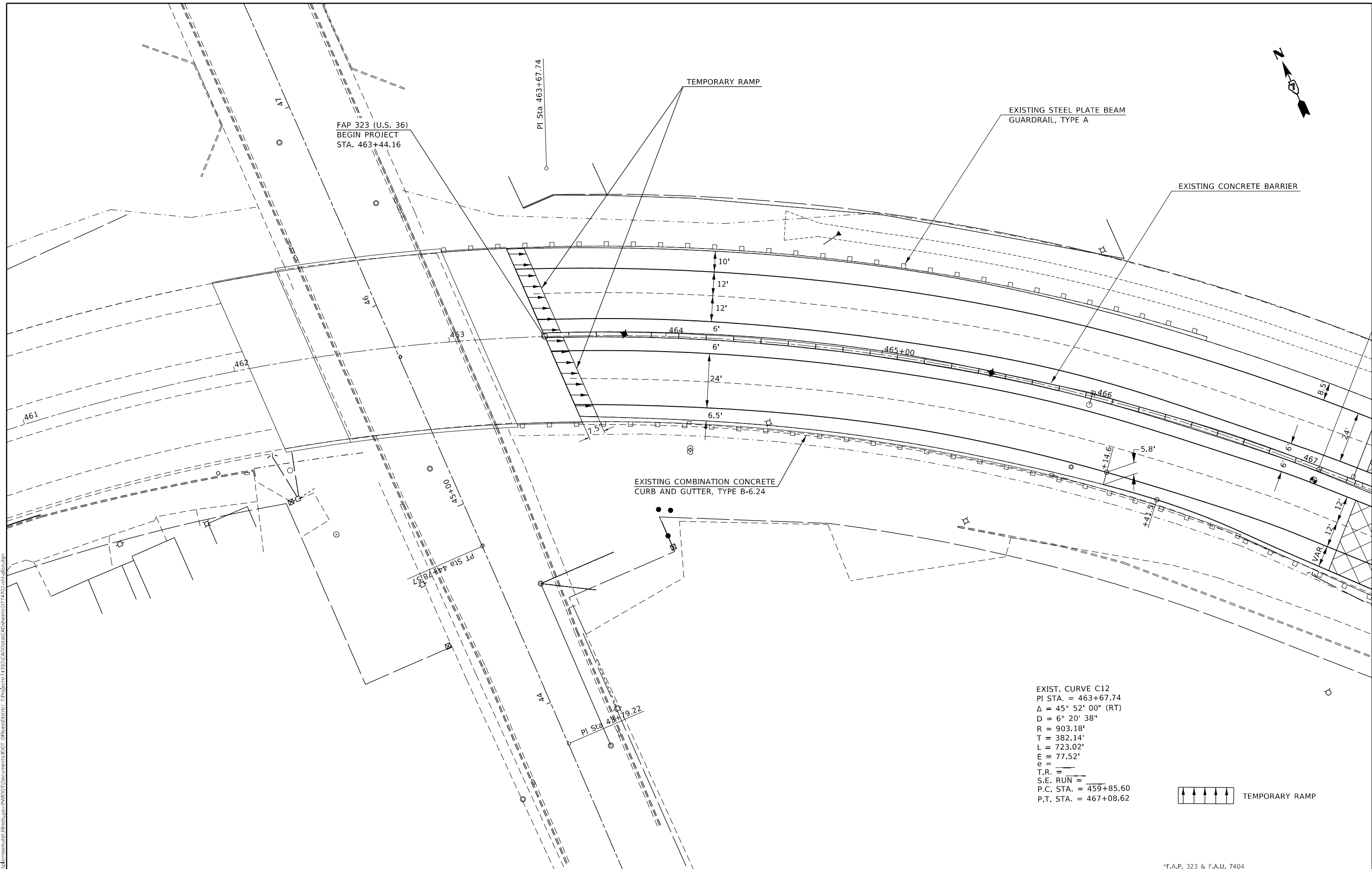
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF  
QUANTITIES**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	40
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE C12  
 PI STA. = 463+67.74  
 $\Delta = 45^\circ 52' 00''$  (RT)  
 $D = 6^\circ 20' 38''$   
 $R = 903.18'$   
 $T = 382.14'$   
 $L = 723.02'$   
 $E = 77.52'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 459+85.60$   
 $P.T. STA. = 467+08.62$



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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

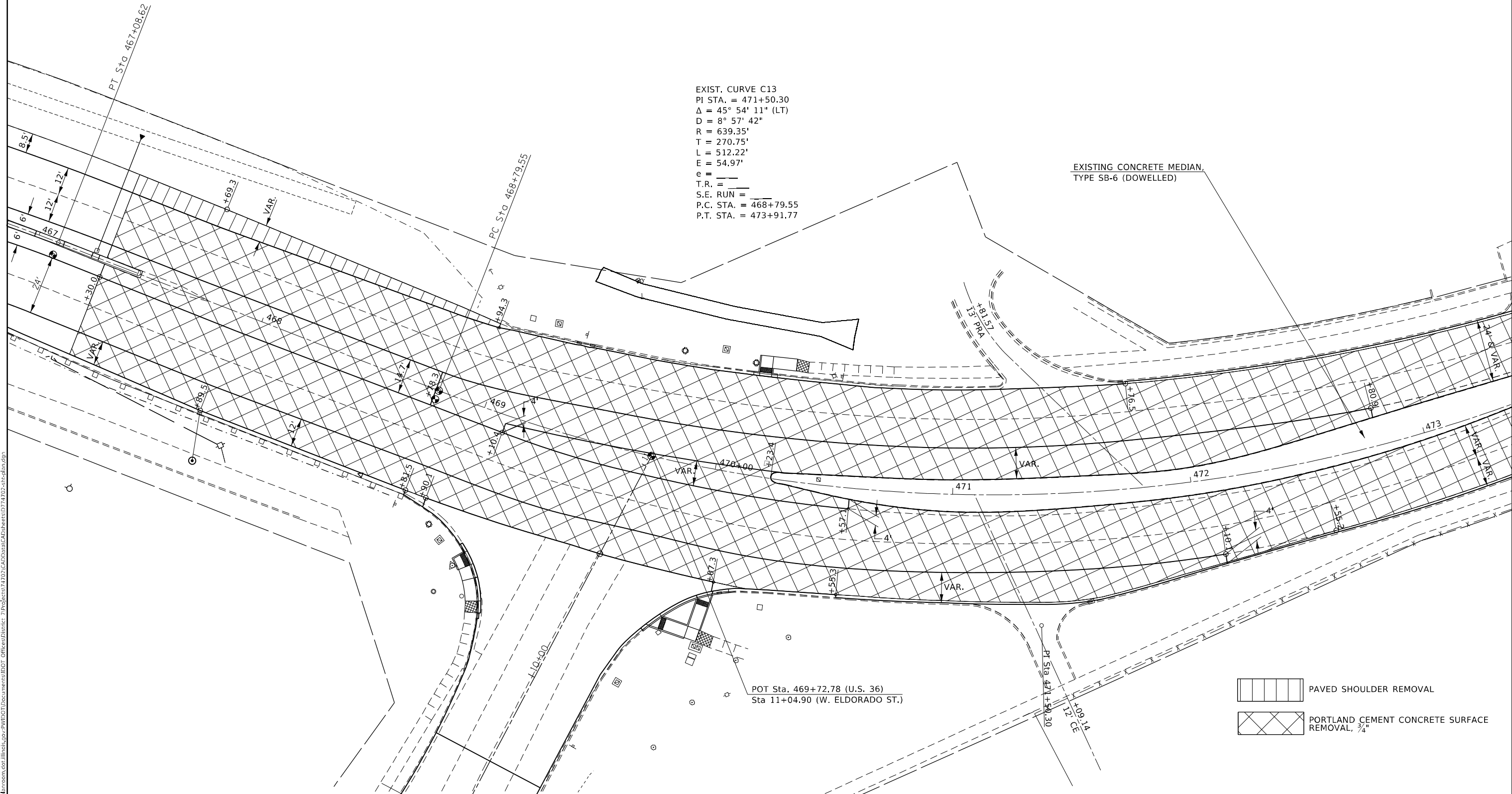
<b>PAVING PLAN</b>			
<b>U.S. 36</b>			
SCALE: 20	SHEET 1	OF 12 SHEETS	STA. 461+00.00 TO STA. 467+00.00


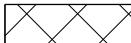
*F.A.P. 323 & F.A.U. 7404				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(13Z,13Z-1)RS-3	MACON	208	41
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE C13  
 PI STA. = 471+50.30  
 $\Delta = 45^\circ 54' 11''$  (LT)  
 $D = 8^\circ 57' 42''$   
 $R = 639.35'$   
 $T = 270.75'$   
 $L = 512.22'$   
 $E = 54.97'$   
 $e = \quad \quad$   
 $T.R. = \quad \quad$   
 $S.E. RUN = \quad \quad$   
 $P.C. STA. = 468+79.55$   
 $P.T. STA. = 473+91.77$

EXISTING CONCRETE MEDIAN,  
 TYPE SB-6 (DOWELLED)



 PAVED SHOULDER REMOVAL  
 PORTLAND CEMENT CONCRETE SURFACE REMOVAL, 3/4"

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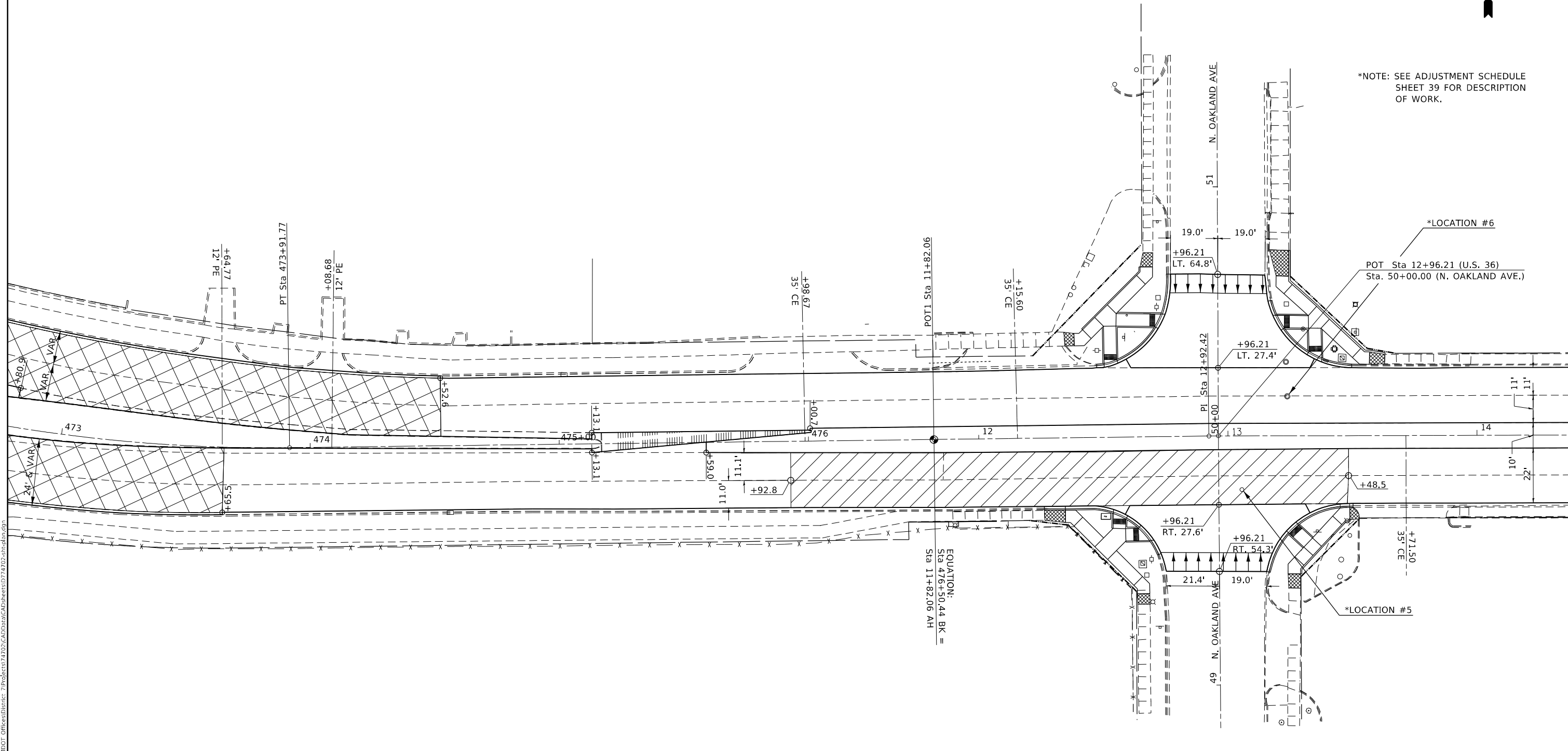
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PAVING PLAN**  
**U.S. 36**  
 SCALE: 20 SHEET 2 OF 12 SHEETS STA. 467+00.00 TO STA. 473+00.00

*F.A.P. 323 & F.A.U. 7404			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
"	(132,13Z-1)RS-3	MACON	208
		CONTRACT NO.	42
		ILLINOIS	FED. AID PROJECT



\*NOTE: SEE ADJUSTMENT SCHEDULE SHEET 39 FOR DESCRIPTION OF WORK.



EQUATION:  
Sta 476+50.44 BK =  
Sta 11+82.06 AH

- TEMPORARY RAMP
- PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)
- PORTLAND CEMENT CONCRETE SURFACE REMOVAL, 3/4"

\*F.A.P. 323 & F.A.U. 7404

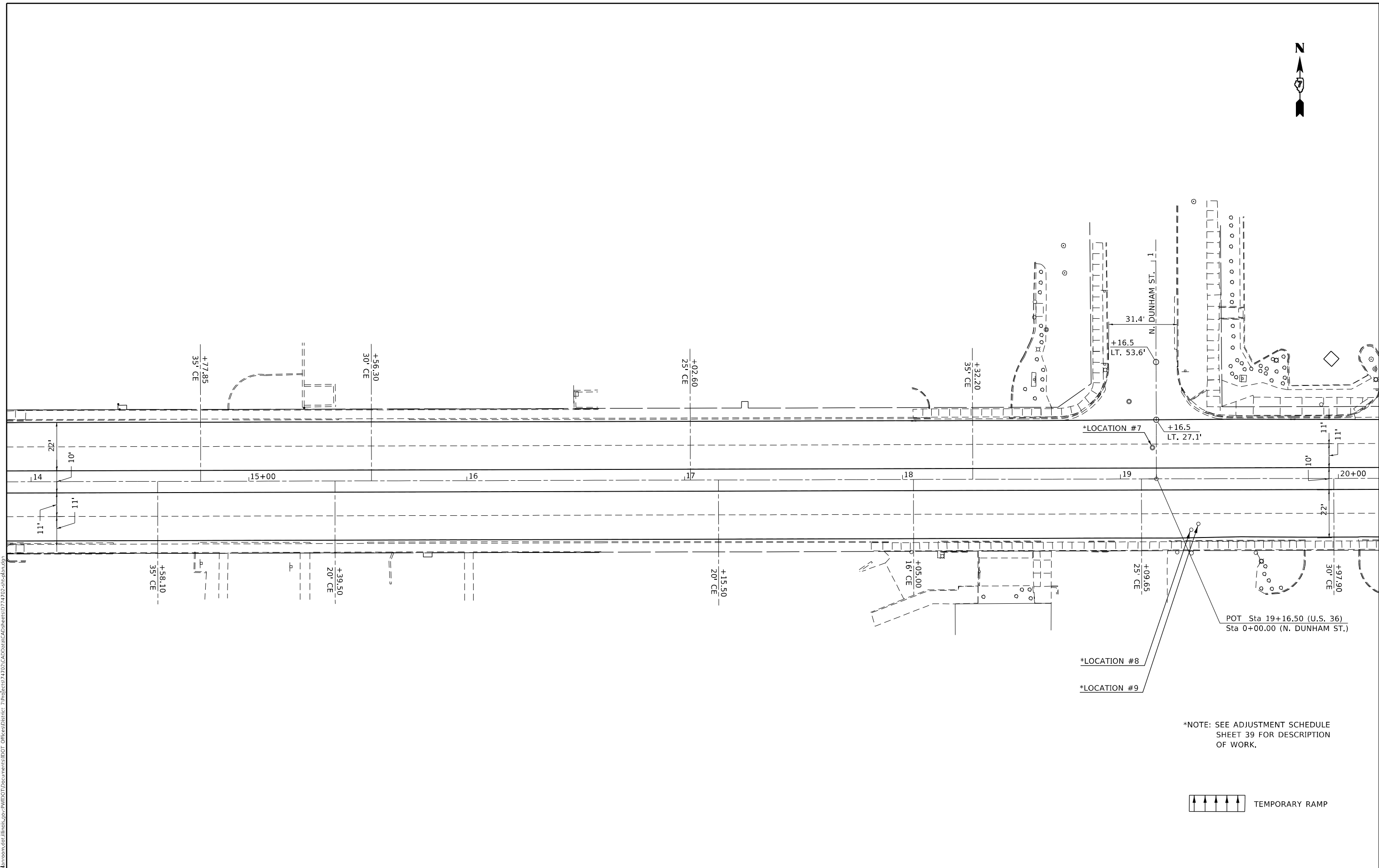
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVING PLAN U.S. 36</b>			
SCALE: 20	SHEET 3	OF 12 SHEETS	STA. 473+00.00 TO STA. 14+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	43
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



\*NOTE: SEE ADJUSTMENT SCHEDULE SHEET 39 FOR DESCRIPTION OF WORK.



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	DRAWN -	REVISED -
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

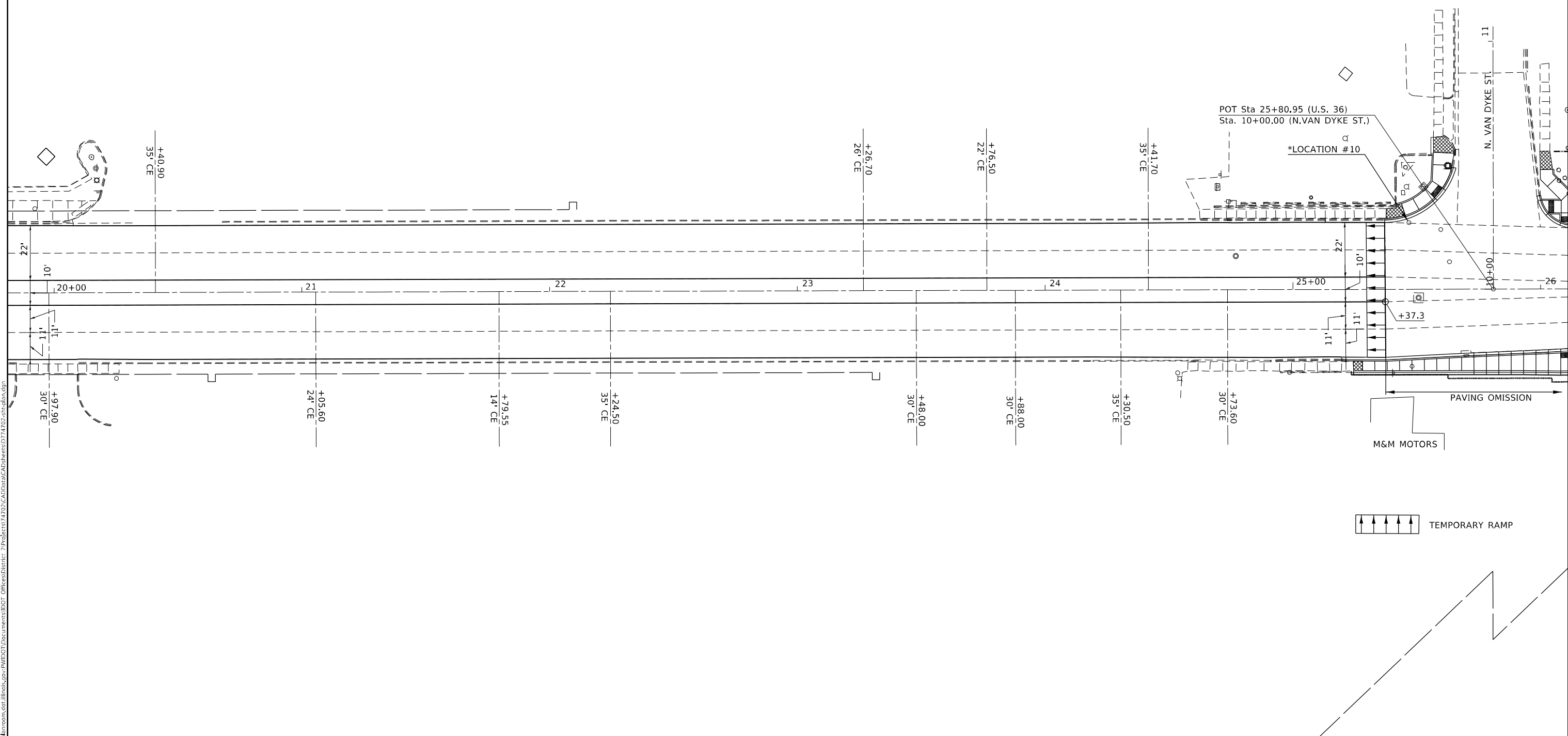
**PAVING PLAN  
U.S. 36**

SCALE: 20 SHEET 4 OF 12 SHEETS STA. 14+00.00 TO STA. 20+00.00

*F.A.P. 323 & F.A.U. 7404		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		*	(13Z,13Z-1)RS-3	MACON	208	44
				CONTRACT NO. 74702		
		ILLINOIS FED. AID PROJECT				



\*NOTE: SEE ADJUSTMENT SCHEDULE SHEET 39 FOR DESCRIPTION OF WORK.



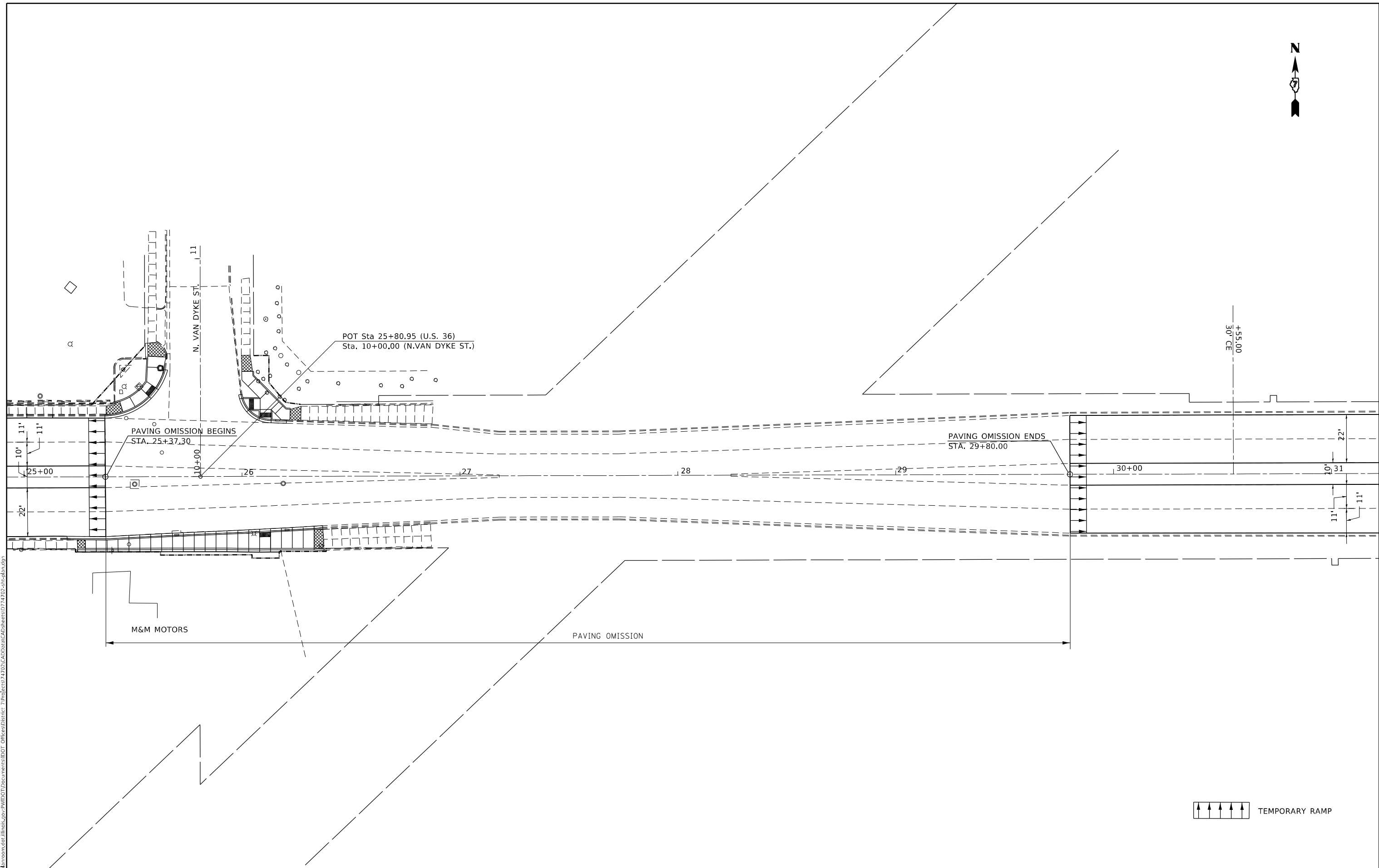
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVING PLAN U.S. 36</b>			
SCALE: 20	SHEET 5	OF 12 SHEETS	STA. 20+00.00 TO STA. 26+00.00

*F.A.P. 323 & F.A.U. 7404				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	45
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



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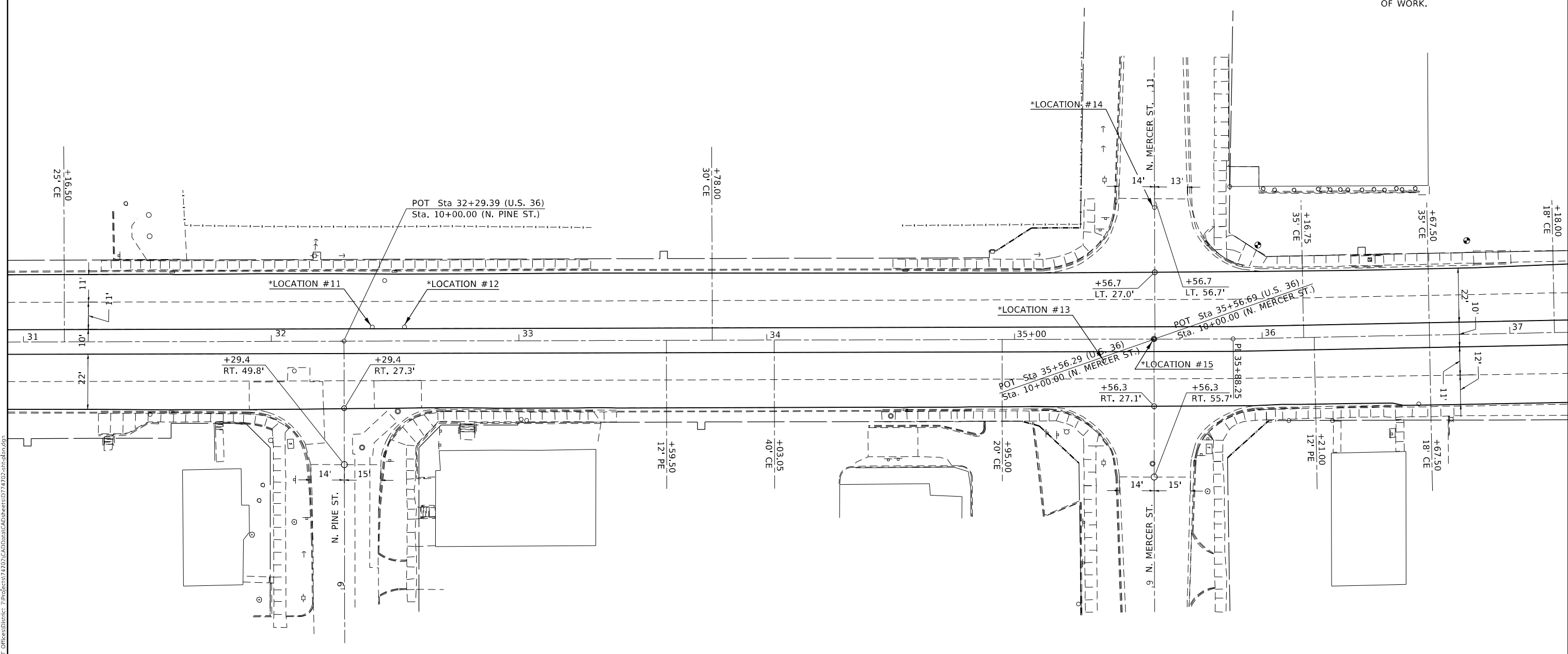
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PAVING PLAN</b> <b>U.S. 36</b>			
SCALE: 20	SHEET 6	OF 12 SHEETS	STA. 25+00.00 TO STA. 31+00.00

*F.A.P. 323 & F.A.U. 7404				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	46
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



\*NOTE: SEE ADJUSTMENT SCHEDULE SHEET 39 FOR DESCRIPTION OF WORK.



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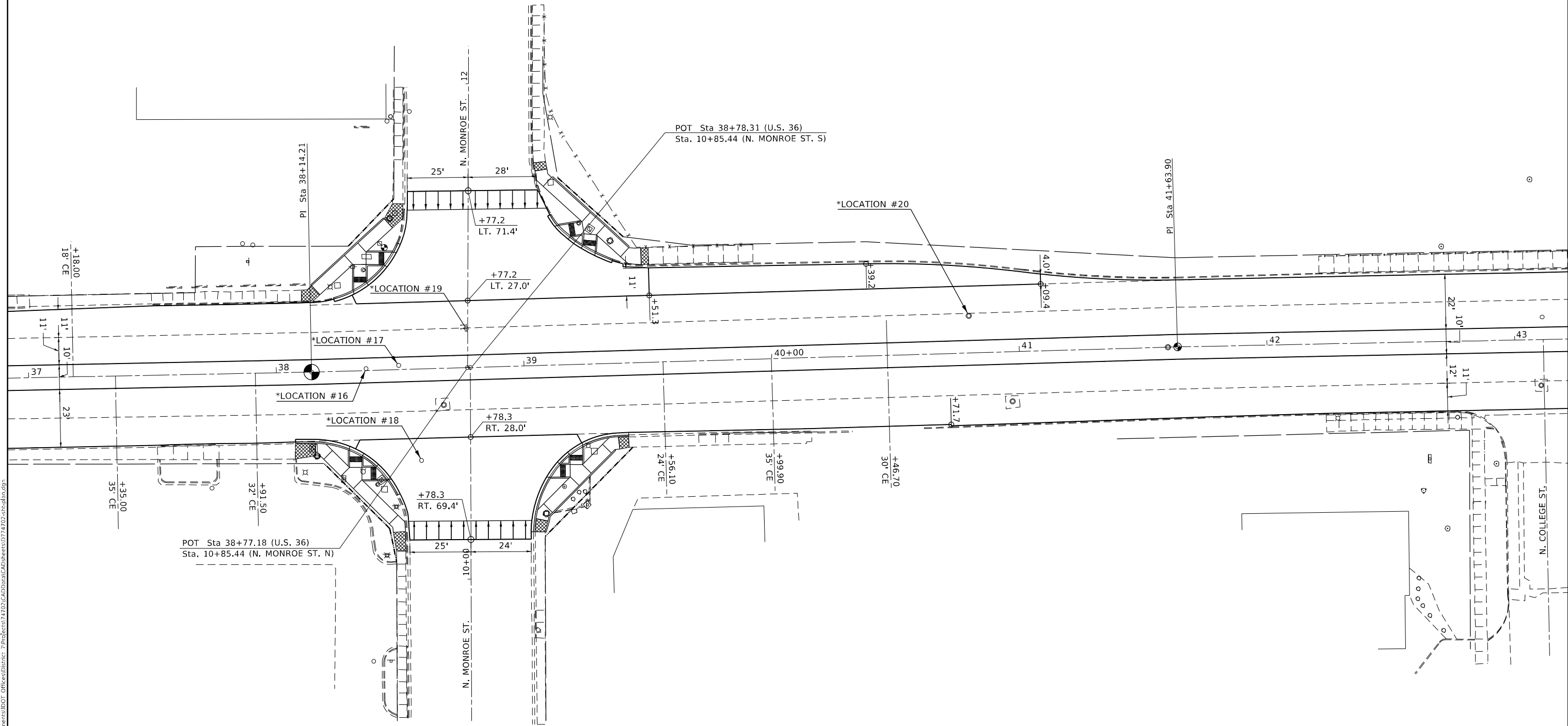
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVING PLAN U.S. 36</b>			
SCALE: 20	SHEET 7	OF 12 SHEETS	STA. 31+00.00 TO STA. 37+00.00

*F.A.P. 323 & F.A.U. 7404			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
*	(13Z,13Z-1)RS-3	MACON	208
			SHEET NO. 47
			CONTRACT NO. 74702
		ILLINOIS	FED. AID PROJECT





TEMPORARY RAMP

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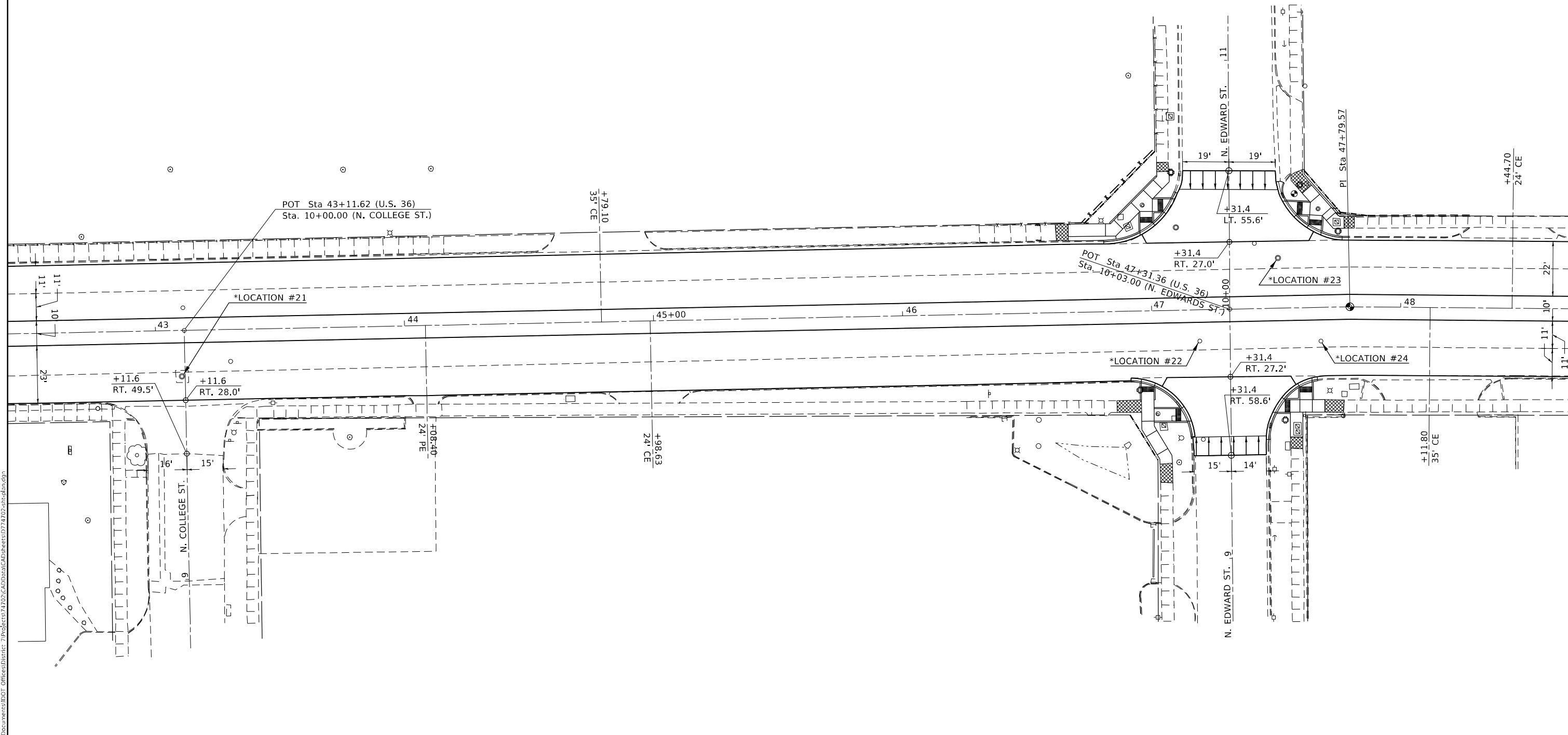
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PAVING PLAN**  
**U.S. 36**

SCALE: 20 SHEET 8 OF 12 SHEETS STA. 37+00.00 TO STA. 43+00.00

*F.A.P. 323 & F.A.U. 7404			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
*	(13Z,13Z-1)RS-3	MACON	208
			SHEET NO. 48
CONTRACT NO. 74702			
ILLINOIS FED. AID PROJECT			



\*NOTE: SEE ADJUSTMENT SCHEDULE SHEET 39 FOR DESCRIPTION OF WORK.



MODEL: Default  
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DRAWN -	REVISED -	
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PLOT DATE = 2/11/2021	DATE -	REVISED -

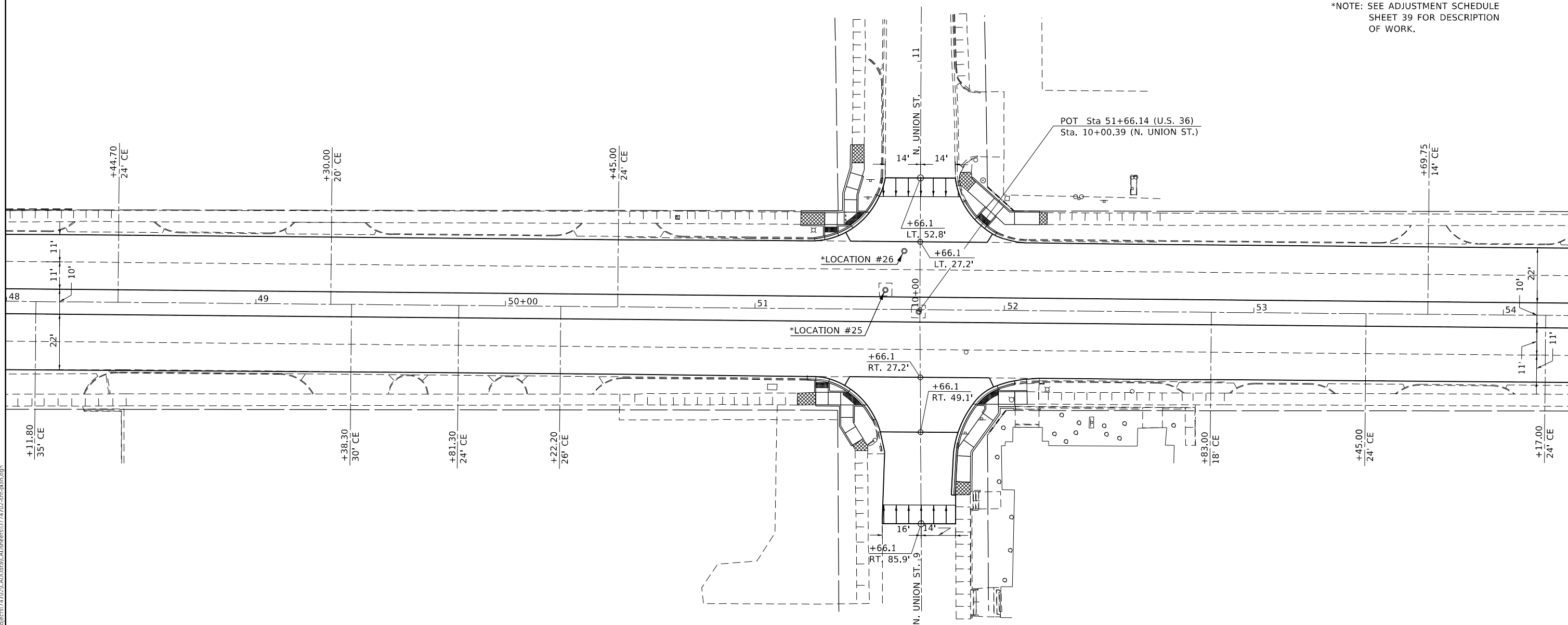
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PAVING PLAN</b> <b>U.S. 36</b>			
SCALE: 20	SHEET 9	OF 12 SHEETS	STA. 43+00.00 TO STA. 48+00.00

*F.A.P. 323 & F.A.U. 7404				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	49
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



\*NOTE: SEE ADJUSTMENT SCHEDULE SHEET 39 FOR DESCRIPTION OF WORK.



↑↑↑↑ TEMPORARY RAMP

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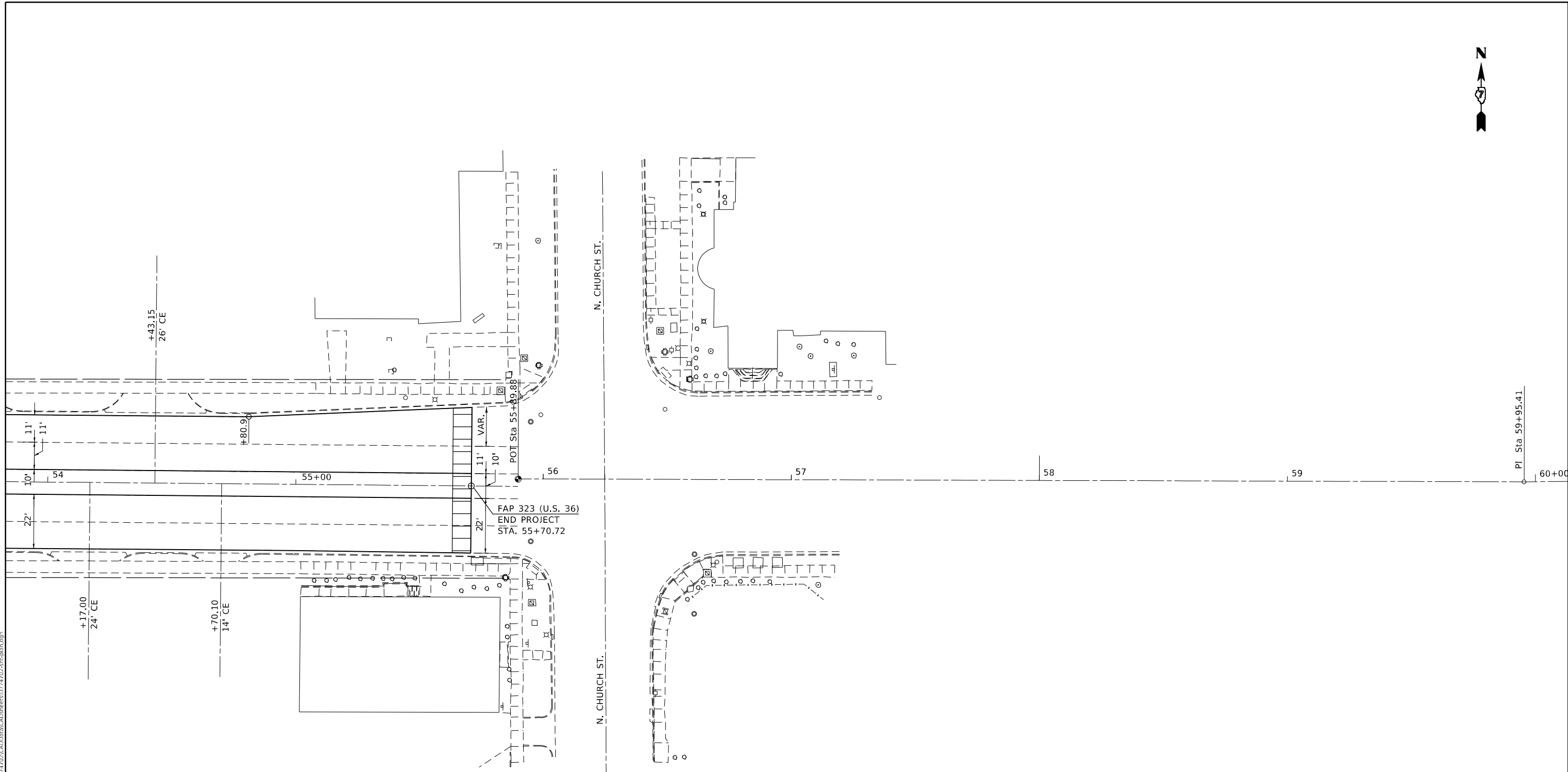
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVING PLAN  
U.S. 36**

SCALE: 20 SHEET 10 OF 12 SHEETS STA. 48+00.00 TO STA. 54+00.00

\*F.A.P. 323 & F.A.U. 7404

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	50
CONTRACT NO. 74702				
		ILLINOIS	FED. AID PROJECT	



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

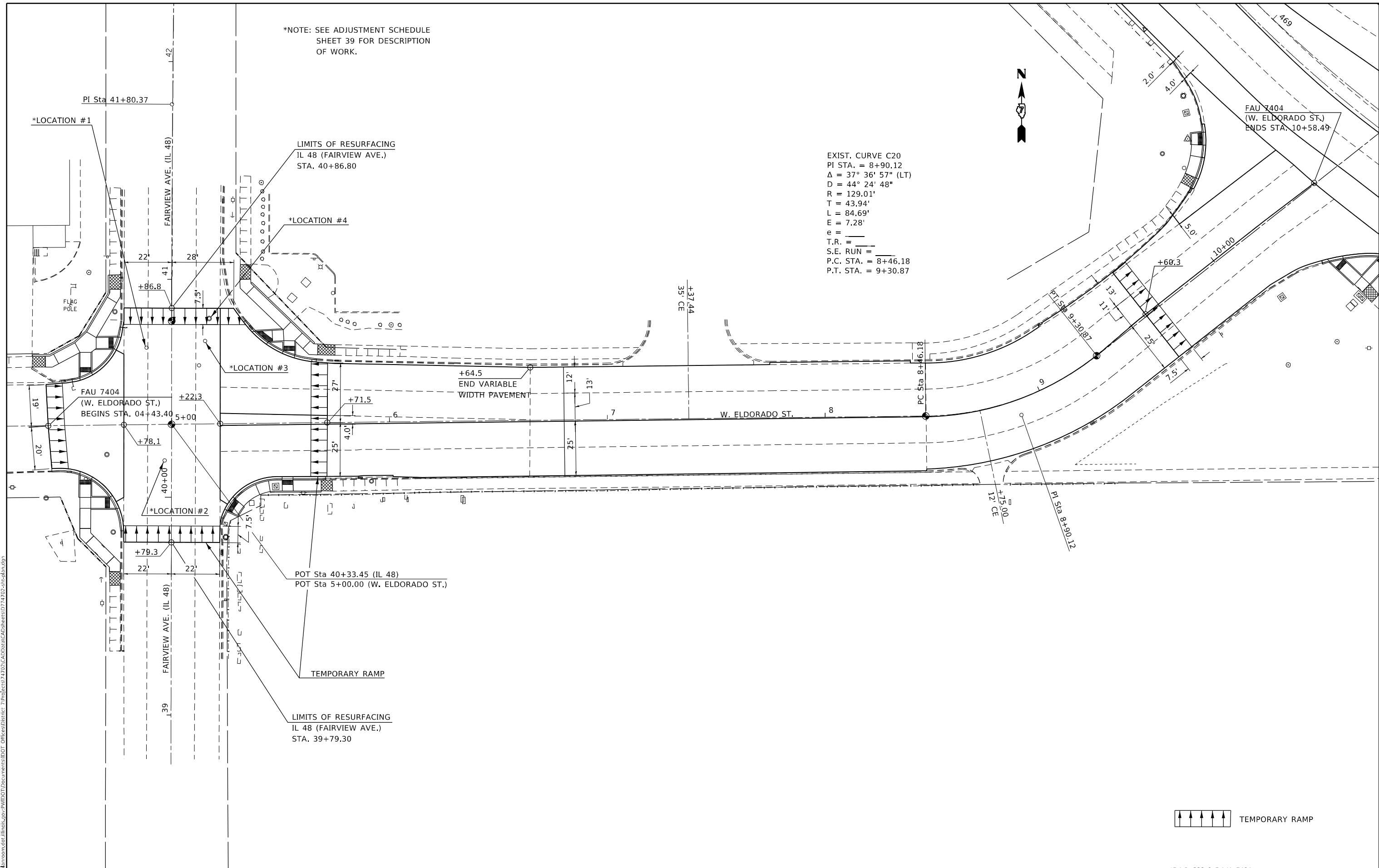
**PAVING PLAN**  
**U.S. 36**

SCALE: 20 SHEET 11 OF 12 SHEETS STA. 54+00.00 TO STA. 56+00.00

*F.A.P. 323 & F.A.U. 7404				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	51
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

\*NOTE: SEE ADJUSTMENT SCHEDULE SHEET 39 FOR DESCRIPTION OF WORK.

EXIST. CURVE C20  
 PI STA. = 8+90.12  
 $\Delta = 37^\circ 36' 57''$  (LT)  
 $D = 44^\circ 24' 48''$   
 $R = 129.01'$   
 $T = 43.94'$   
 $L = 84.69'$   
 $E = 7.28'$   
 $e =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 8+46.18  
 P.T. STA. = 9+30.87



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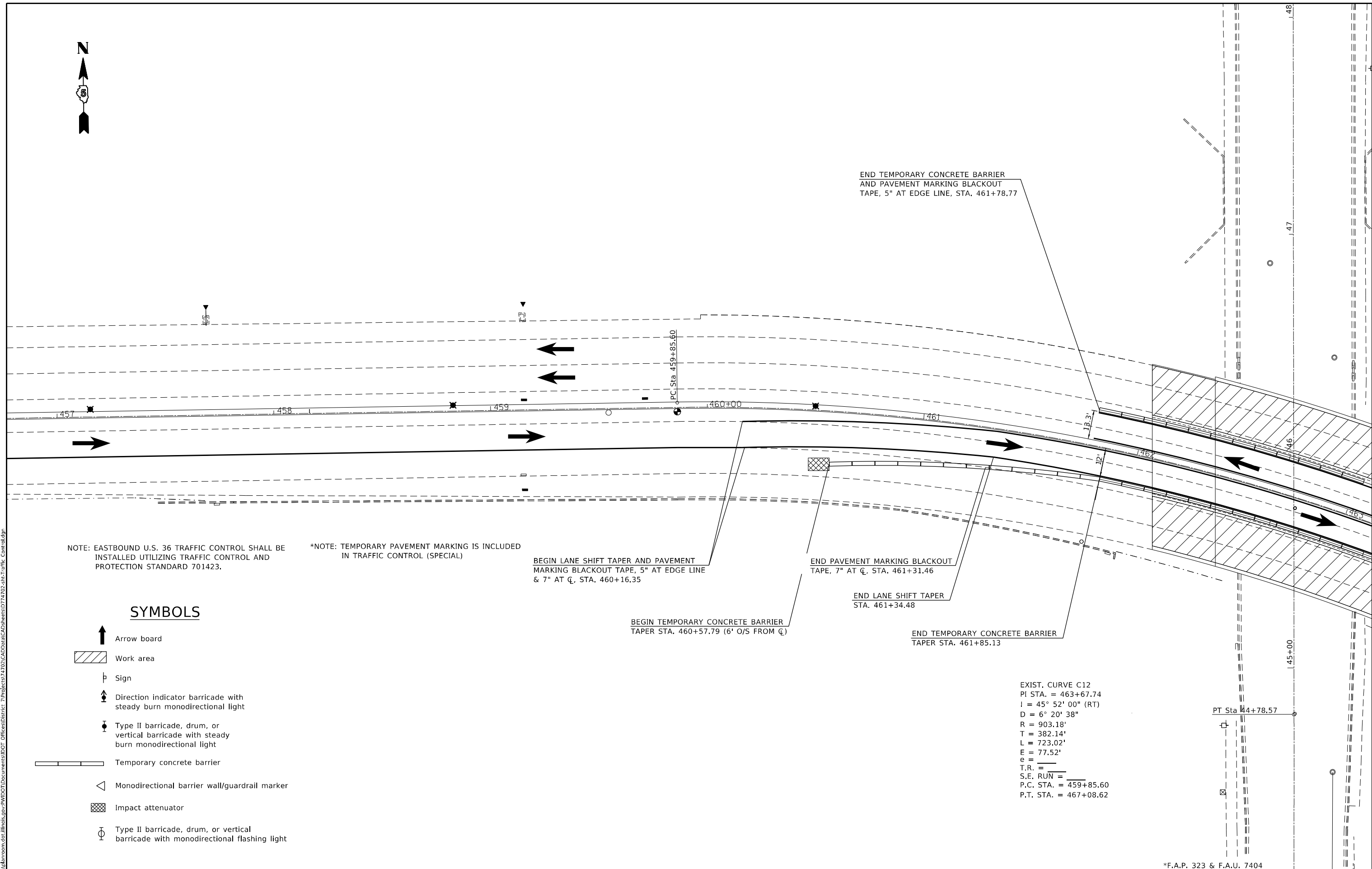
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PAVING PLAN W. ELDORADO ST.</b>	
SCALE: 20	SHEET 12 OF 12 SHEETS
STA. 04+00.00	TO STA. 10+58.49

*F.A.P. 323 & F.A.U. 7404				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	52
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



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NOTE: EASTBOUND U.S. 36 TRAFFIC CONTROL SHALL BE INSTALLED UTILIZING TRAFFIC CONTROL AND PROTECTION STANDARD 701423.

\*NOTE: TEMPORARY PAVEMENT MARKING IS INCLUDED IN TRAFFIC CONTROL (SPECIAL)

BEGIN LANE SHIFT TAPER AND PAVEMENT MARKING BLACKOUT TAPE, 5" AT EDGE LINE & 7" AT C, STA. 460+16.35

BEGIN TEMPORARY CONCRETE BARRIER TAPER STA. 460+57.79 (6' O/S FROM C)

END PAVEMENT MARKING BLACKOUT TAPE, 7" AT C, STA. 461+31.46

END LANE SHIFT TAPER STA. 461+34.48

END TEMPORARY CONCRETE BARRIER TAPER STA. 461+85.13

END TEMPORARY CONCRETE BARRIER AND PAVEMENT MARKING BLACKOUT TAPE, 5" AT EDGE LINE, STA. 461+78.77

**SYMBOLS**

- Arrow board
- Work area
- Sign
- Direction indicator barricade with steady burn monodirectional light
- Type II barricade, drum, or vertical barricade with steady burn monodirectional light
- Temporary concrete barrier
- Monodirectional barrier wall/guardrail marker
- Impact attenuator
- Type II barricade, drum, or vertical barricade with monodirectional flashing light

EXIST. CURVE C12  
 PI STA. = 463+67.74  
 I = 45° 52' 00" (RT)  
 D = 6° 20' 38"  
 R = 903.18'  
 T = 382.14'  
 L = 723.02'  
 E = 77.52'  
 e =  
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 459+85.60  
 P.T. STA. = 467+08.62

\*F.A.P. 323 & F.A.U. 7404

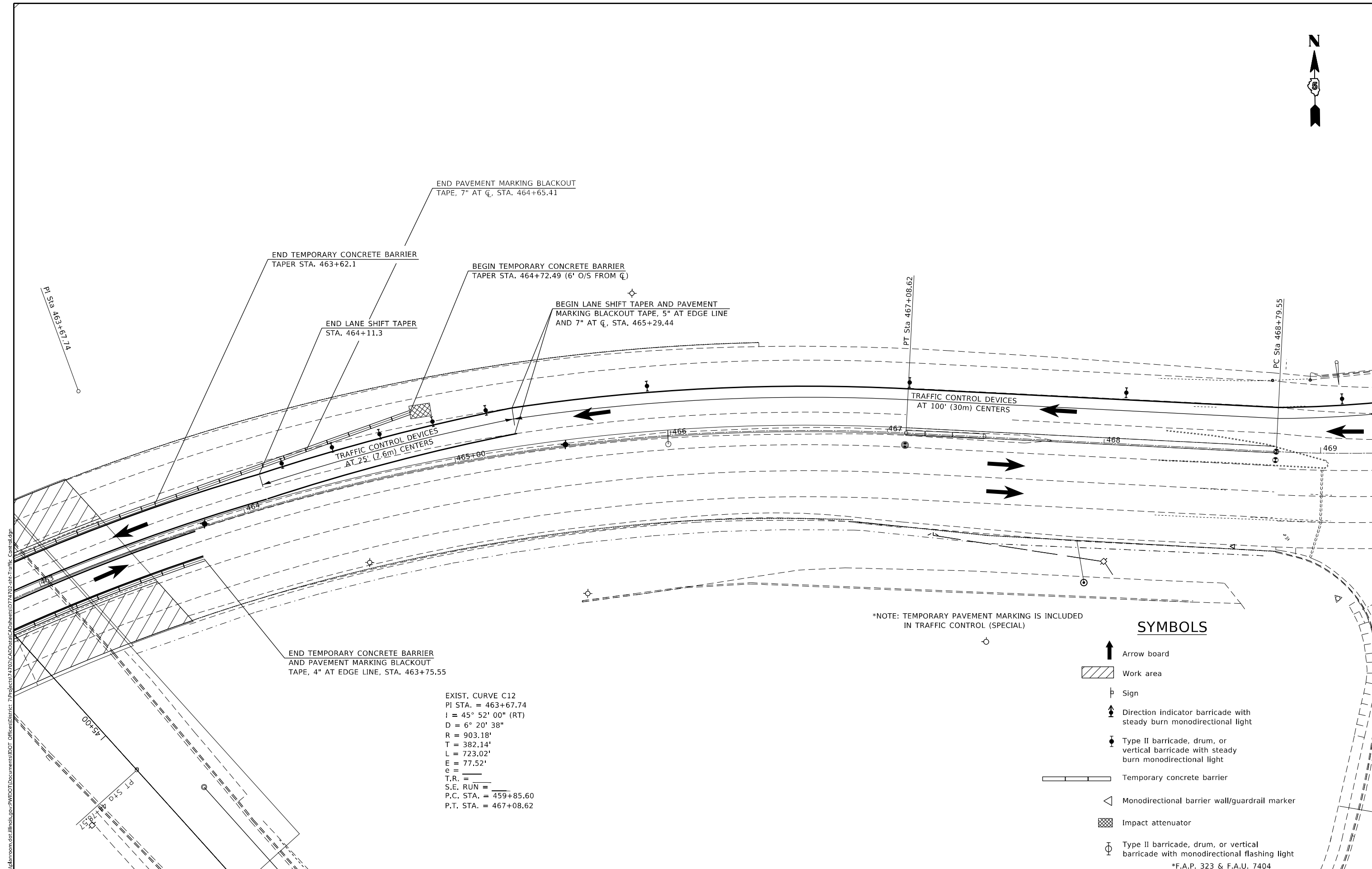
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STAGE I TRAFFIC CONTROL (SPECIAL)  
 S.N. 058-0127**

SCALE: NA SHEET 1 OF 8 SHEETS STA. 457+00.00 TO STA. 463+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(132, 132-1)RS-3	MACON	208	53
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



END PAVEMENT MARKING BLACKOUT  
TAPE, 7" AT  $\bar{C}$ , STA. 464+65.41

END TEMPORARY CONCRETE BARRIER  
TAPER STA. 463+62.1

BEGIN TEMPORARY CONCRETE BARRIER  
TAPER STA. 464+72.49 (6' O/S FROM  $\bar{C}$ )

BEGIN LANE SHIFT TAPER AND PAVEMENT  
MARKING BLACKOUT TAPE, 5" AT EDGE LINE  
AND 7" AT  $\bar{C}$ , STA. 465+29.44

END LANE SHIFT TAPER  
STA. 464+11.3

TRAFFIC CONTROL DEVICES  
AT 100' (30m) CENTERS

TRAFFIC CONTROL DEVICES  
AT 25' (7.6m) CENTERS

\*NOTE: TEMPORARY PAVEMENT MARKING IS INCLUDED  
IN TRAFFIC CONTROL (SPECIAL)

END TEMPORARY CONCRETE BARRIER  
AND PAVEMENT MARKING BLACKOUT  
TAPE, 4" AT EDGE LINE, STA. 463+75.55

EXIST. CURVE C12  
PI STA. = 463+67.74  
I = 45° 52' 00" (RT)  
D = 6° 20' 38"  
R = 903.18'  
T = 382.14'  
L = 723.02'  
E = 77.52'  
e = \_\_\_\_\_  
T.R. = \_\_\_\_\_  
S.E. RUN = \_\_\_\_\_  
P.C. STA. = 459+85.60  
P.T. STA. = 467+08.62

**SYMBOLS**

- Arrow board
- Work area
- Sign
- Direction indicator barricade with steady burn monodirectional light
- Type II barricade, drum, or vertical barricade with steady burn monodirectional light
- Temporary concrete barrier
- Monodirectional barrier wall/guardrail marker
- Impact attenuator
- Type II barricade, drum, or vertical barricade with monodirectional flashing light

\*F.A.P. 323 & F.A.U. 7404

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	DRAWN -	REVISED -
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

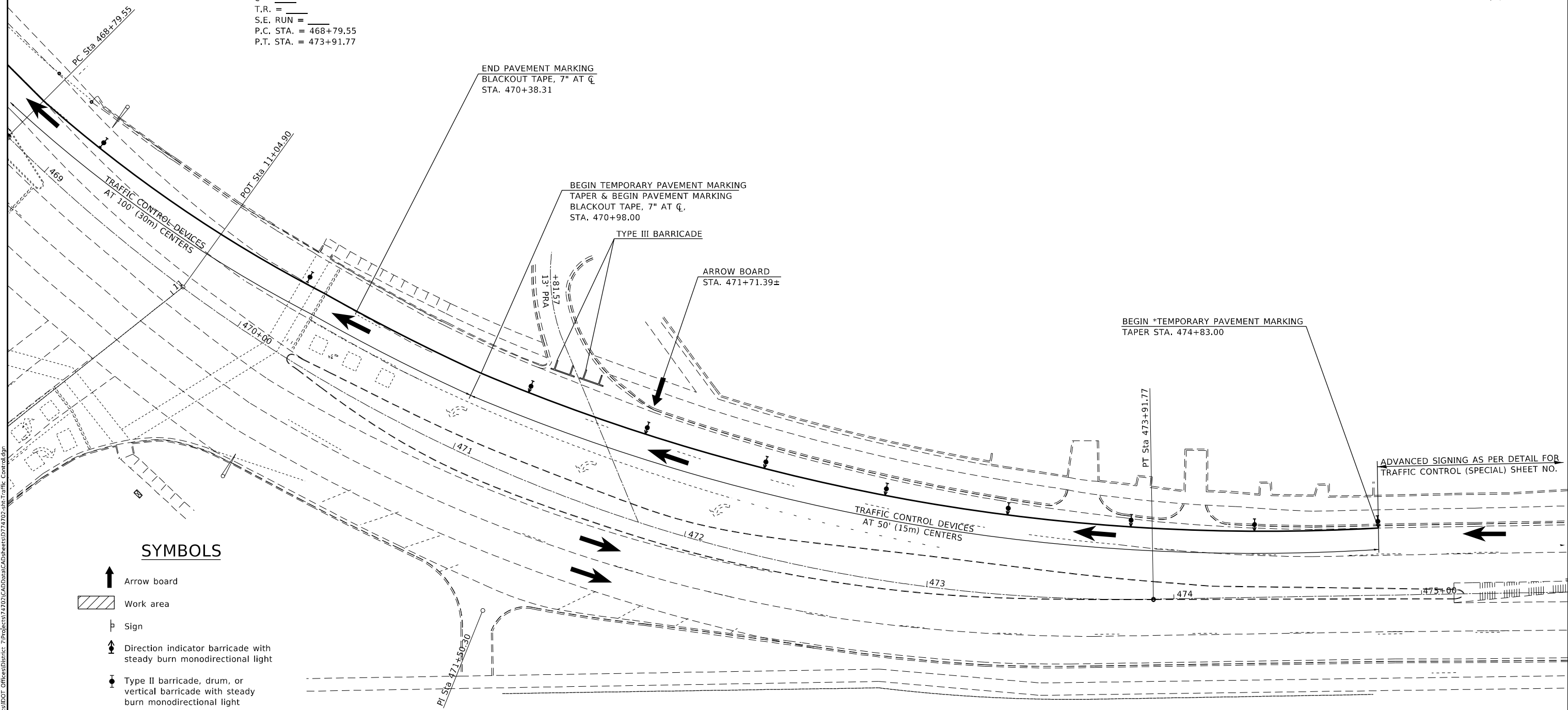
**STAGE I TRAFFIC CONTROL (SPECIAL)  
S.N. 058-0127**

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







F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(13Z, 13Z-1)RS-3	MACON	208	54
CONTRACT NO. 74702				
ILLINOIS		FED. AID PROJECT		



EXIST. CURVE C13  
 PI STA. = 471+50.30  
 I = 45° 54' 11" (LT)  
 D = 8° 57' 42"  
 R = 639.35'  
 T = 270.75'  
 L = 512.22'  
 E = 54.97'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 468+79.55  
 P.T. STA. = 473+91.77



**SYMBOLS**

-  Arrow board
-  Work area
-  Sign
-  Direction indicator barricade with steady burn monodirectional light
-  Type II barricade, drum, or vertical barricade with steady burn monodirectional light
-  Temporary concrete barrier
-  Monodirectional barrier wall/guardrail marker
-  Impact attenuator
-  Type II barricade, drum, or vertical barricade with monodirectional flashing light

\*NOTE: TEMPORARY PAVEMENT MARKING IS INCLUDED IN TRAFFIC CONTROL (SPECIAL)

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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STAGE I TRAFFIC CONTROL (SPECIAL)  
 S.N. 058-0127**

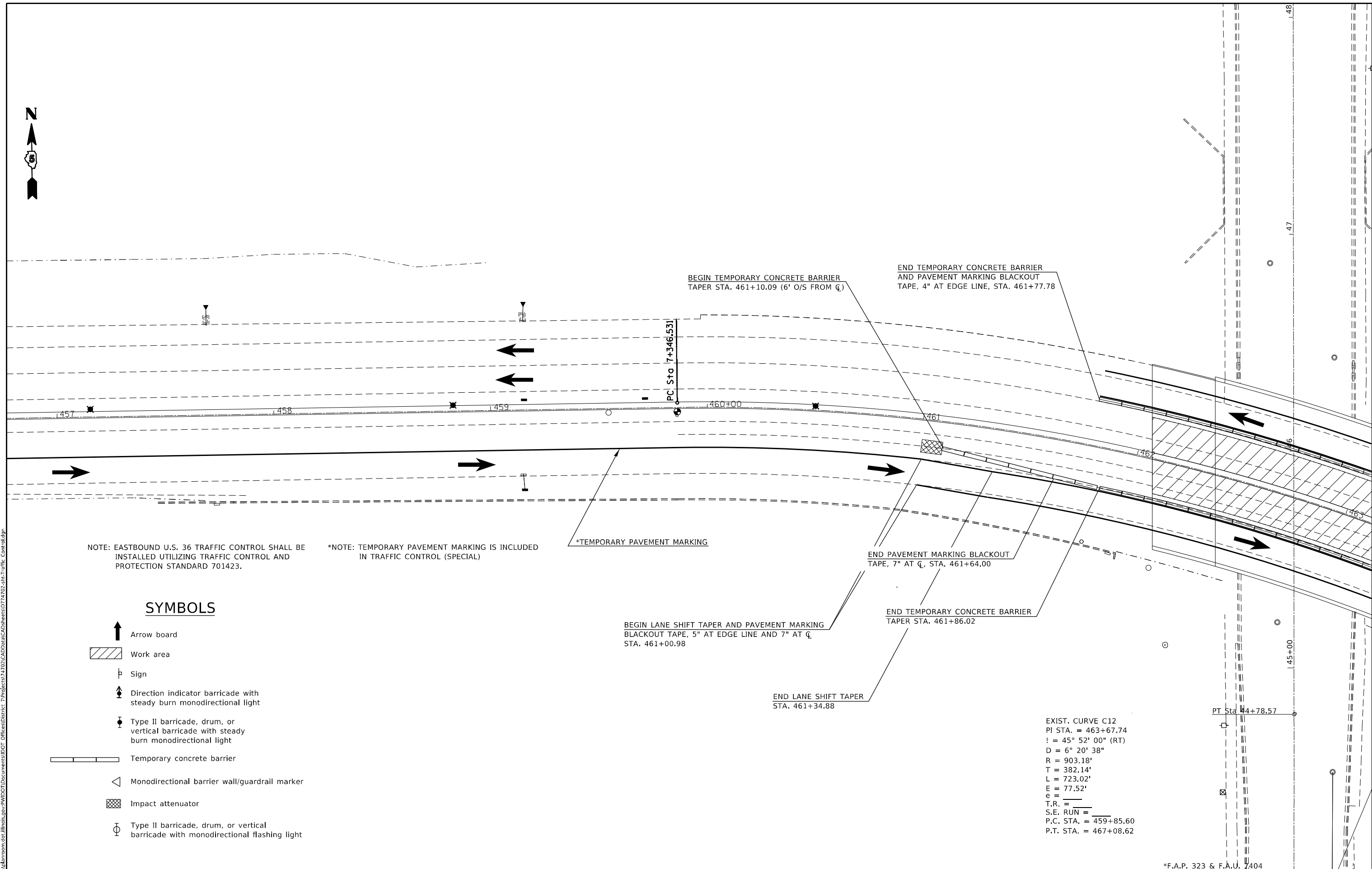
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*F.A.P. 323 & F.A.U. 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			(13Z, 13Z-1)RS-3	MACON	208	55
				CONTRACT NO. 74702		
		ILLINOIS		FED. AID PROJECT		





MODEL: Default  
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 DRAWING: 132-11R5-3-TRAFFIC CONTROL  
 DATE: 2/11/2021



NOTE: EASTBOUND U.S. 36 TRAFFIC CONTROL SHALL BE INSTALLED UTILIZING TRAFFIC CONTROL AND PROTECTION STANDARD 701423.

\*NOTE: TEMPORARY PAVEMENT MARKING IS INCLUDED IN TRAFFIC CONTROL (SPECIAL)

\*TEMPORARY PAVEMENT MARKING

**SYMBOLS**

- Arrow board
- Work area
- Sign
- Direction indicator barricade with steady burn monodirectional light
- Type II barricade, drum, or vertical barricade with steady burn monodirectional light
- Temporary concrete barrier
- Monodirectional barrier wall/guardrail marker
- Impact attenuator
- Type II barricade, drum, or vertical barricade with monodirectional flashing light

EXIST. CURVE C12  
 PI STA. = 463+67.74  
 I = 45° 52' 00" (RT)  
 D = 6° 20' 38"  
 R = 903.18'  
 T = 382.14'  
 L = 723.02'  
 E = 77.52'  
 e = \_\_\_\_  
 T.R. = \_\_\_\_  
 S.E. RUN = \_\_\_\_  
 P.C. STA. = 459+85.60  
 P.T. STA. = 467+08.62

\*F.A.P. 323 & F.A.U. 7404

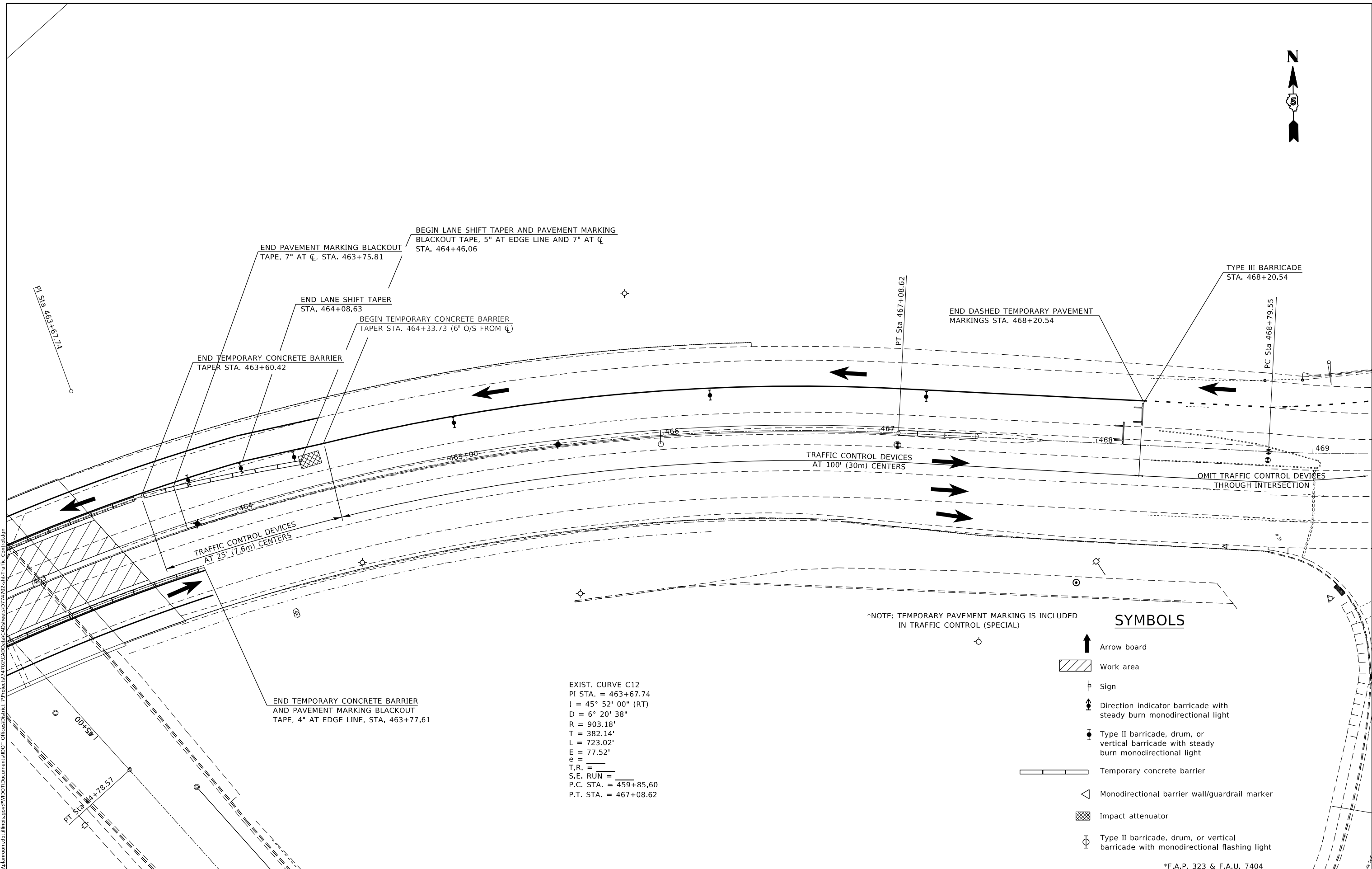
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PLOT DATE = 2/11/2021	DATE -	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE II TRAFFIC CONTROL (SPECIAL)  
S.N. 058-0127**

SCALE: NA    SHEET 4 OF 8 SHEETS    STA. 457+00.00 TO STA. 463+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(132, 132-1)RS-3	MACON	208	56
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



BEGIN LANE SHIFT TAPER AND PAVEMENT MARKING  
BLACKOUT TAPE, 5" AT EDGE LINE AND 7" AT  $\bar{C}$   
STA. 464+46.06

END PAVEMENT MARKING BLACKOUT  
TAPE, 7" AT  $\bar{C}$ , STA. 463+75.81

END LANE SHIFT TAPER  
STA. 464+08.63

BEGIN TEMPORARY CONCRETE BARRIER  
TAPER STA. 464+33.73 (6' O/S FROM  $\bar{C}$ )

END TEMPORARY CONCRETE BARRIER  
TAPER STA. 463+60.42

END DASHED TEMPORARY PAVEMENT  
MARKINGS STA. 468+20.54

TYPE III BARRICADE  
STA. 468+20.54

PC Sta 468+79.55

PT Sta 467+08.62

TRAFFIC CONTROL DEVICES  
AT 100' (30m) CENTERS

OMIT TRAFFIC CONTROL DEVICES  
THROUGH INTERSECTION

TRAFFIC CONTROL DEVICES  
AT 25' (7.6m) CENTERS

END TEMPORARY CONCRETE BARRIER  
AND PAVEMENT MARKING BLACKOUT  
TAPE, 4" AT EDGE LINE, STA. 463+77.61

\*NOTE: TEMPORARY PAVEMENT MARKING IS INCLUDED  
IN TRAFFIC CONTROL (SPECIAL)

**SYMBOLS**

- Arrow board
- Work area
- Sign
- Direction indicator barricade with steady burn monidirectional light
- Type II barricade, drum, or vertical barricade with steady burn monidirectional light
- Temporary concrete barrier
- Monidirectional barrier wall/guardrail marker
- Impact attenuator
- Type II barricade, drum, or vertical barricade with monidirectional flashing light

EXIST. CURVE C12  
PI STA. = 463+67.74  
I = 45° 52' 00" (RT)  
D = 6° 20' 38"  
R = 903.18'  
T = 382.14'  
L = 723.02'  
E = 77.52'  
e =  
T.R. =  
S.E. RUN =  
P.C. STA. = 459+85.60  
P.T. STA. = 467+08.62

\*F.A.P. 323 & F.A.U. 7404

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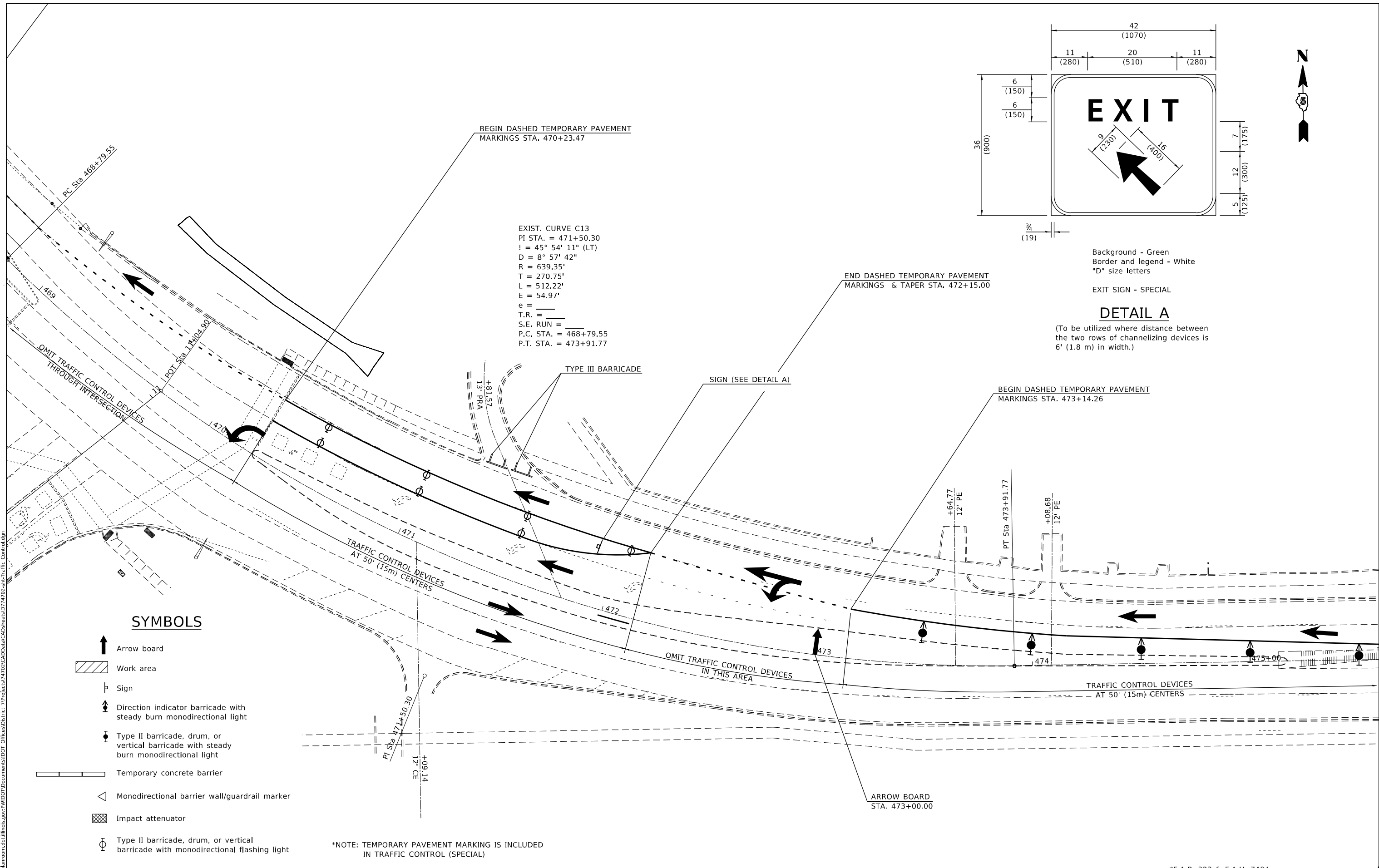
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE II TRAFFIC CONTROL (SPECIAL)**  
**S.N. 058-0127**

SCALE: NA SHEET 5 OF 8 SHEETS STA. 463+00.00 TO STA. 469+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 74702	
			ILLINOIS FED. AID PROJECT	

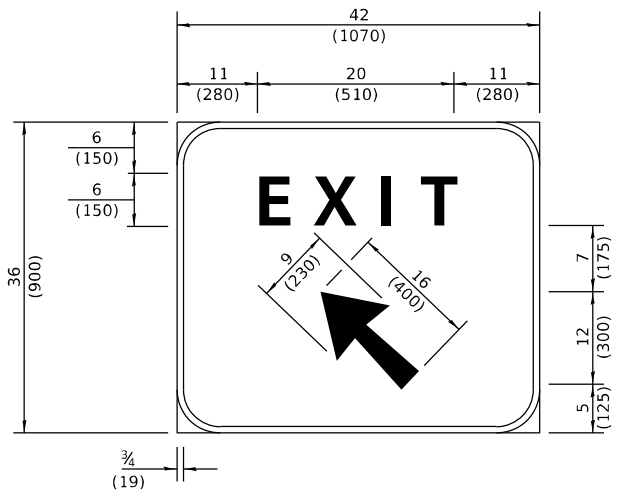
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BEGIN DASHED TEMPORARY PAVEMENT MARKINGS STA. 470+23.47

EXIST. CURVE C13  
 PI STA. = 471+50.30  
 I = 45° 54' 11" (LT)  
 D = 8° 57' 42"  
 R = 639.35'  
 T = 270.75'  
 L = 512.22'  
 E = 54.97'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 468+79.55  
 P.T. STA. = 473+91.77

END DASHED TEMPORARY PAVEMENT MARKINGS & TAPER STA. 472+15.00



Background - Green  
 Border and legend - White  
 "D" size letters

EXIT SIGN - SPECIAL

**DETAIL A**

(To be utilized where distance between the two rows of channelizing devices is 6' (1.8 m) in width.)

**SYMBOLS**

- Arrow board
- Work area
- Sign
- Direction indicator barricade with steady burn monodirectional light
- Type II barricade, drum, or vertical barricade with steady burn monodirectional light
- Temporary concrete barrier
- Monodirectional barrier wall/guardrail marker
- Impact attenuator
- Type II barricade, drum, or vertical barricade with monodirectional flashing light

\*NOTE: TEMPORARY PAVEMENT MARKING IS INCLUDED IN TRAFFIC CONTROL (SPECIAL)

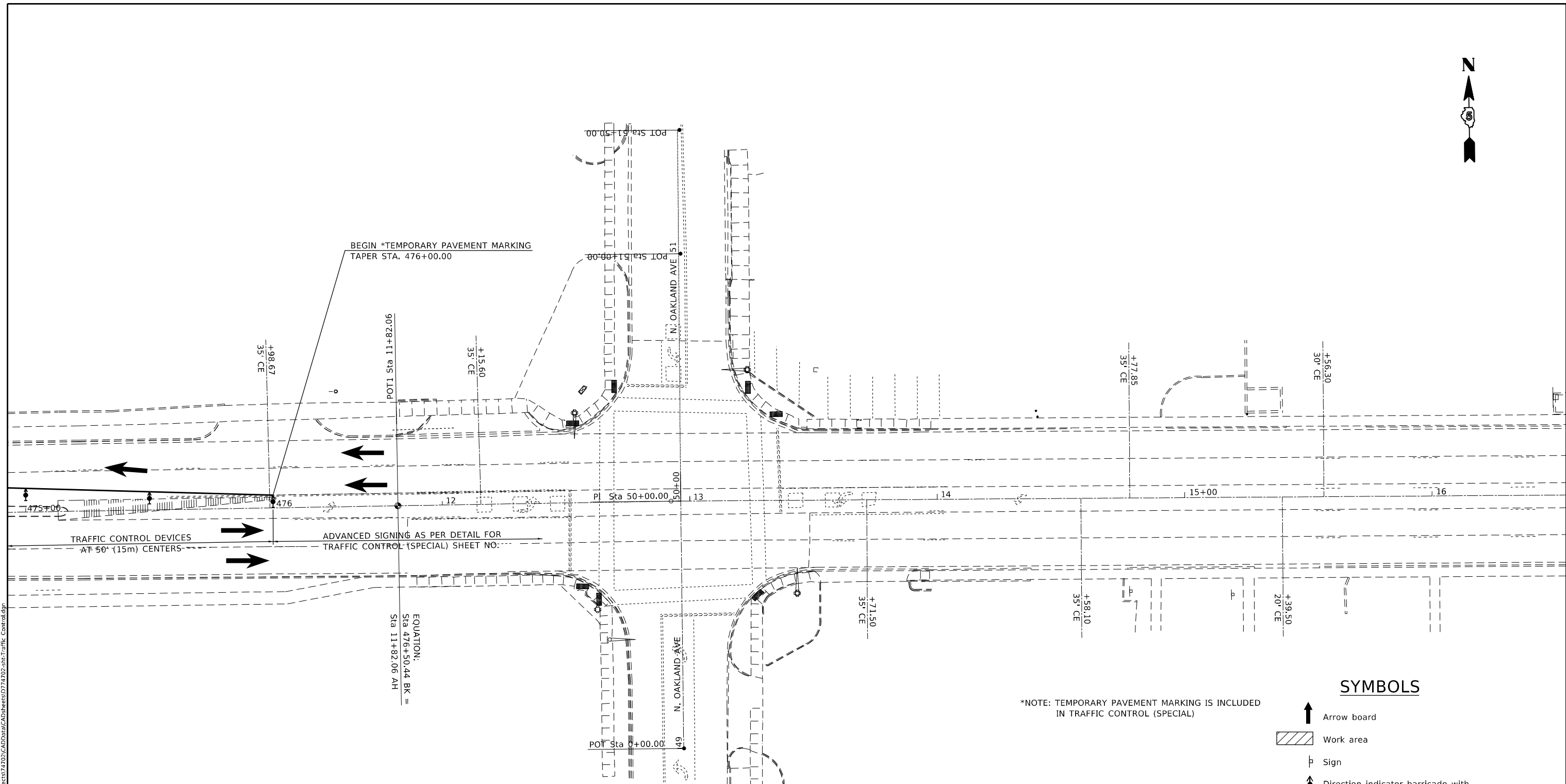
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	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STAGE II TRAFFIC CONTROL (SPECIAL)  
 S.N. 058-0127**






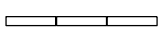



SCALE: NA SHEET 6 OF 8 SHEETS STA. 469+00.00 TO STA. 475+00.00

*F.A.P. 323 & F.A.U. 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			(13Z, 13Z-1)RS-3	MACON	208	58
				CONTRACT NO. 74702		
		ILLINOIS		FED. AID PROJECT		



\*NOTE: TEMPORARY PAVEMENT MARKING IS INCLUDED IN TRAFFIC CONTROL (SPECIAL)

**SYMBOLS**

-  Arrow board
-  Work area
-  Sign
-  Direction indicator barricade with steady burn monodirectional light
-  Type II barricade, drum, or vertical barricade with steady burn monodirectional light
-  Temporary concrete barrier
-  Monodirectional barrier wall/guardrail marker
-  Impact attenuator
-  Type II barricade, drum, or vertical barricade with monodirectional flashing light

\*F.A.P. 323 & F.A.U. 7404

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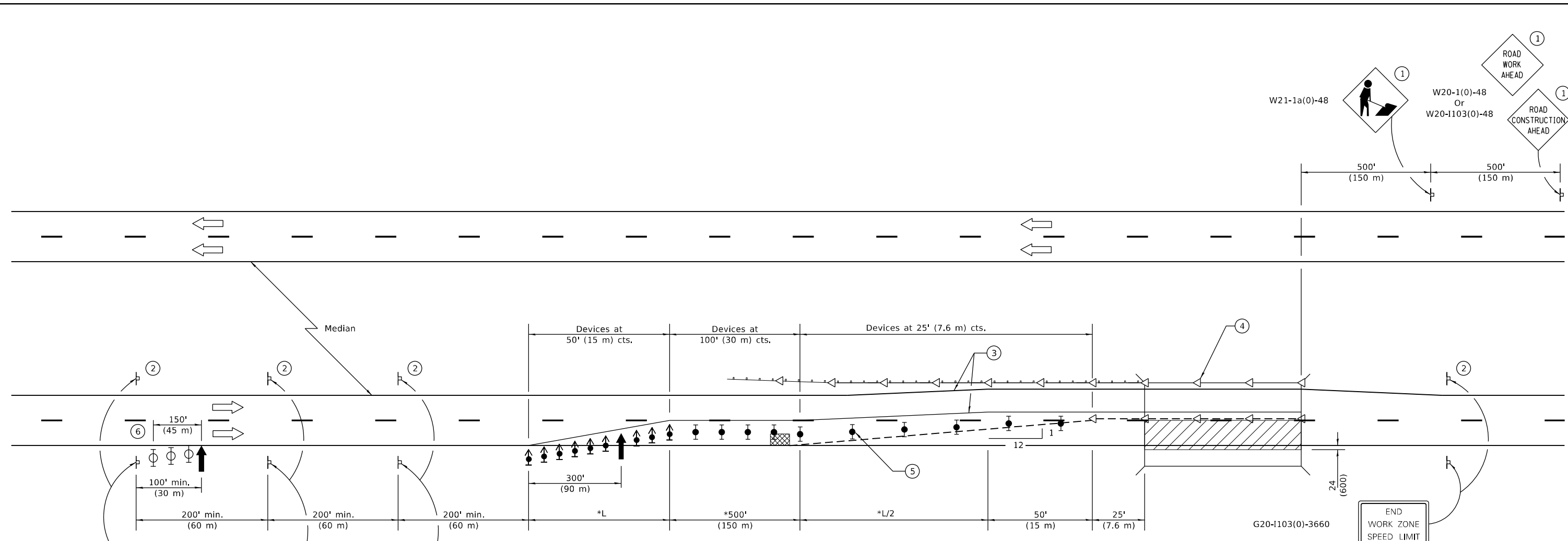
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DRAWN -	REVISOR -	REVISIONS -
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PLOT DATE = 2/11/2021	DATE -	REVISIONS -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>STAGE II TRAFFIC CONTROL (SPECIAL)</b>			
<b>S.N. 058-0127</b>			
SCALE: NA	SHEET 7	OF 8 SHEETS	STA. 475+00.00 TO STA. 16+00.00






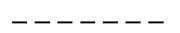



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(13Z, 13Z-1)RS-3	MACON	208	59
CONTRACT NO. 74702				
ILLINOIS			FED. AID PROJECT	

MODEL: Default  
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\*Note: As shown in the plan.

### SYMBOLS

-  Arrow board
-  Work area
-  Sign
-  Direction indicator barricade with steady burn monodirectional light
-  Type II barricade, drum, or vertical barricade with steady burn monodirectional light
-  Temporary concrete barrier
-  Monodirectional barrier wall/guardrail marker
-  Impact attenuator
-  Type II barricade, drum, or vertical barricade with monodirectional flashing light

- ① Undivided roadway only with left lane closure in opposite direction.
- ② Sign in median may be omitted when median is less than 10' (3 m) or if sign would be placed in a bi-directional turn lane.
- ③ Temporary pavement marking tape shall be placed throughout the taper and along-side the work area. The right edge line shall be white and the left edge line shall be yellow.
- ④ Barrier wall/guardrail markers at 25' (7.6 m). Markers on right shall be crystal and markers on left shall be amber. See Standards 704001 and 635001.
- ⑤ Verticle barricades shall not be used in lane shift taper.
- ⑥ Three Type II barricades, drums, or vertical barricades at 50' (15 m) centers.

### GENERAL NOTES

This standard is used where at any time any vehicle, equipment, workers or their activities will encroach on the pavement or on the shoulder within 24 (600) of the edge of pavement for daylight operation exceeding one day and where temporary concrete barrier is utilized.

When work is being performed in the left lane, the set up would be a mirror image to what is shown.

Calculate L as follows:

NORMAL POSTED SPEED	FORMULAS
	English (Metric)
45 mph (80 km/h) or less	$L=(W)(S)$ $L=0.65(W)(S)$
W =	Width of offset in feet (meters).
S =	Normal posted speed in mph (km/h).

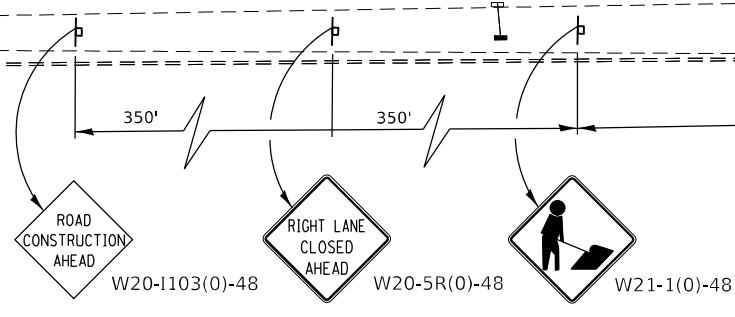
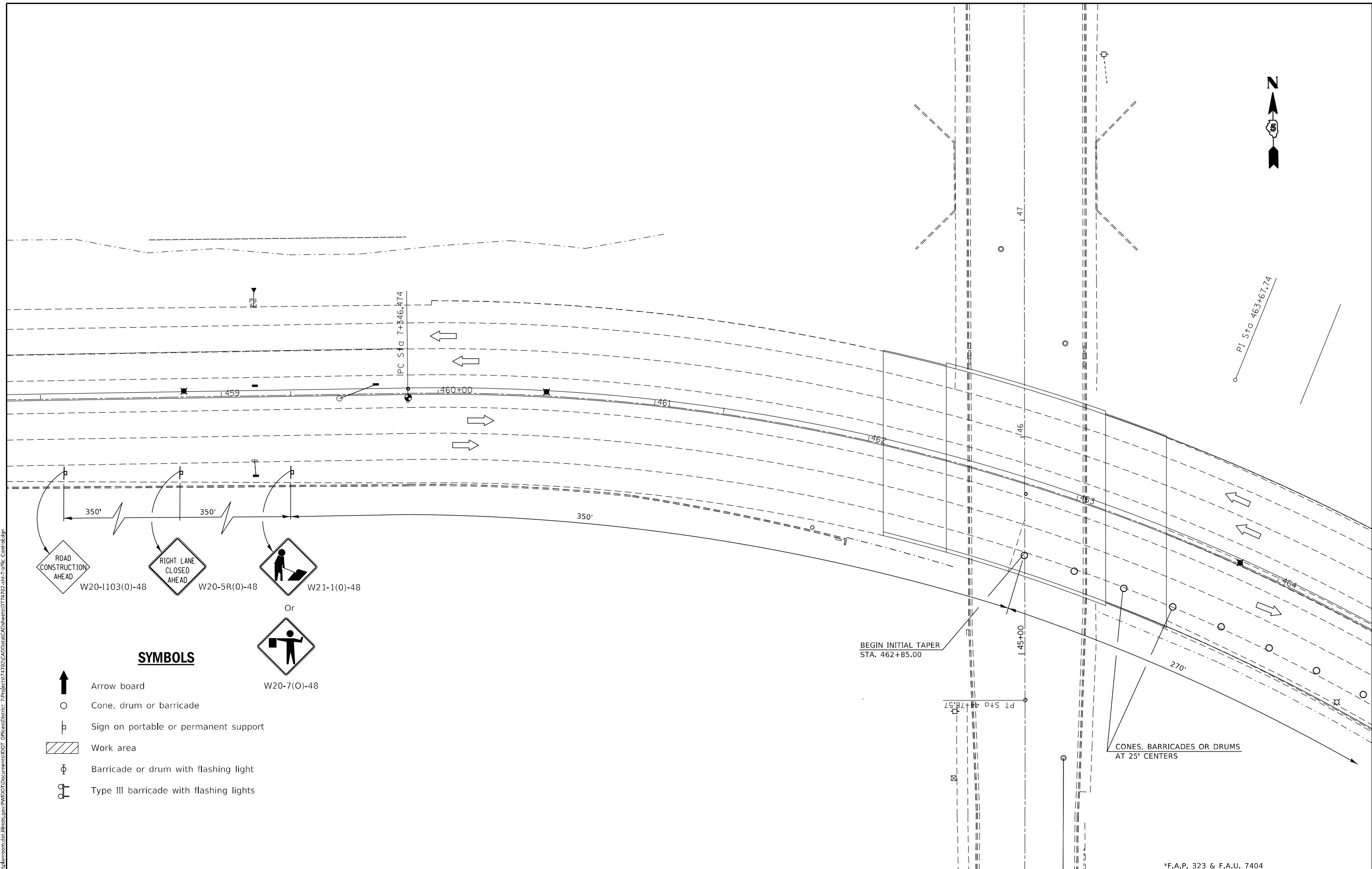
All dimensions are in inches (millimeters) unless otherwise shown.

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PLOT DATE = 2/11/2021	DATE -	REVISED -








**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL (SPECIAL) DETAIL			
SCALE: NA	SHEET 8	OF 8 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	60
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



**SYMBOLS**

-  Arrow board
  -  Cone, drum or barricade
  -  Sign on portable or permanent support
  -  Work area
  -  Barricade or drum with flashing light
  -  Type III barricade with flashing lights
- Or
-  W20-7(O)-48

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


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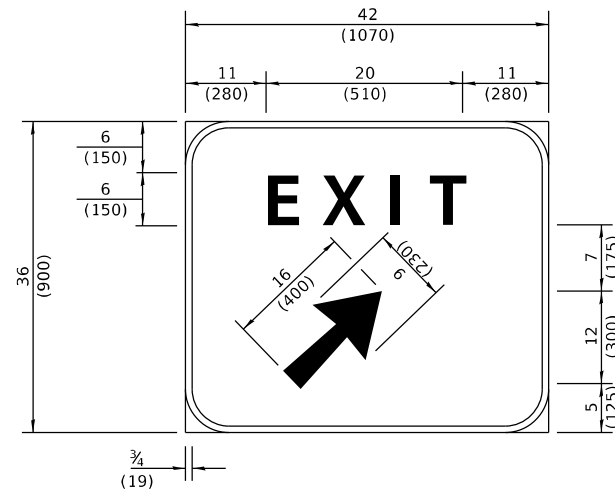
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TRAFFIC CONTROL AND PROTECTION STANDARD 701611 (SPECIAL)</b>	
SCALE: NA	SHEET 1 OF 5 SHEETS
STA. 458+00.00	TO STA. 464+00.00

*F.A.P. 323 & F.A.U. 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(13Z, 13Z-1)RS-3	MACON	208	61
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

**SYMBOLS**

-  Arrow board
-  Cone, drum or barricade
-  Sign on portable or permanent support
-  Work area
-  Barricade or drum with flashing light
-  Type III barricade with flashing lights

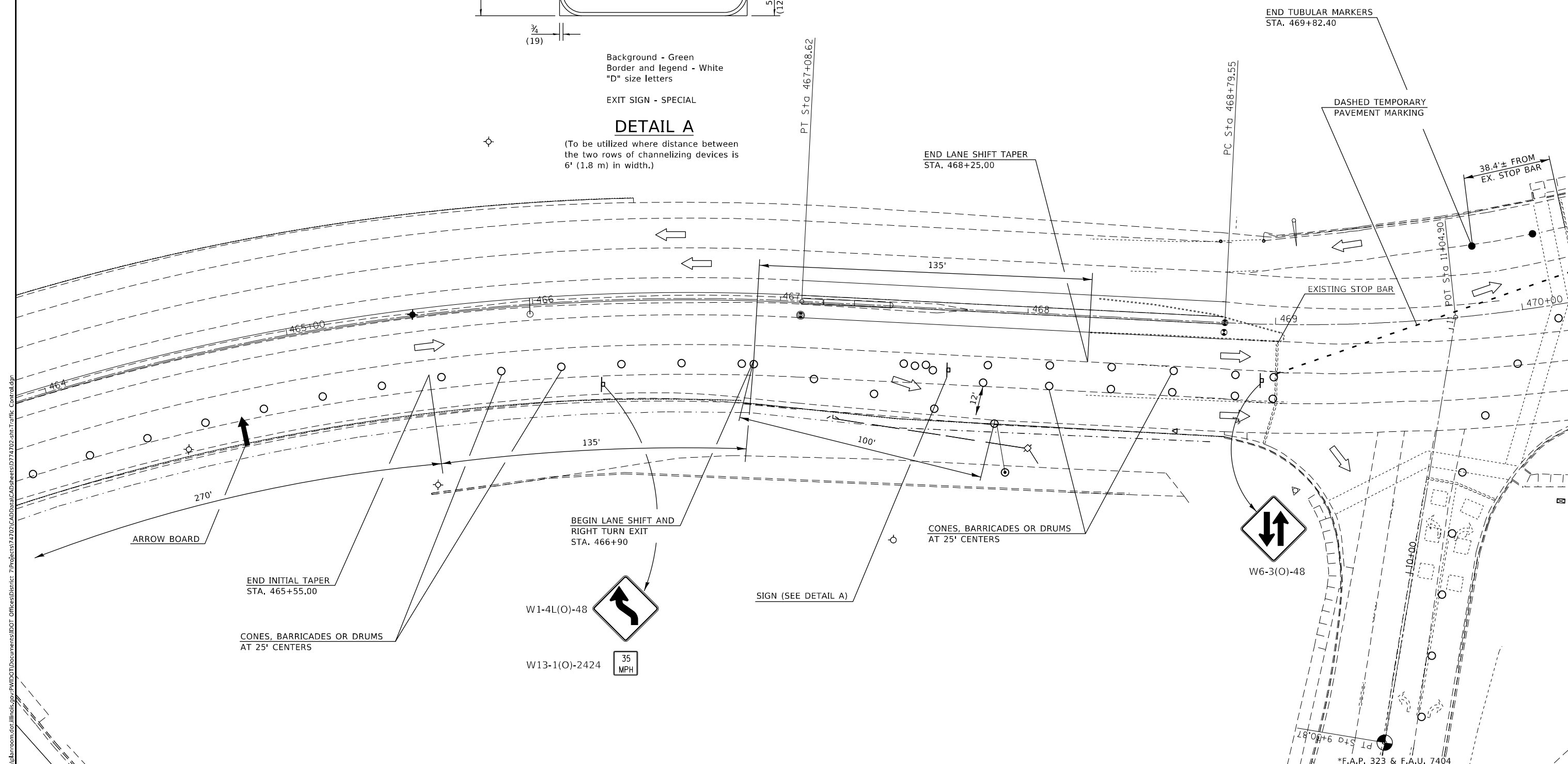


Background - Green  
Border and legend - White  
"D" size letters

EXIT SIGN - SPECIAL

**DETAIL A**

(To be utilized where distance between the two rows of channelizing devices is 6' (1.8 m) in width.)



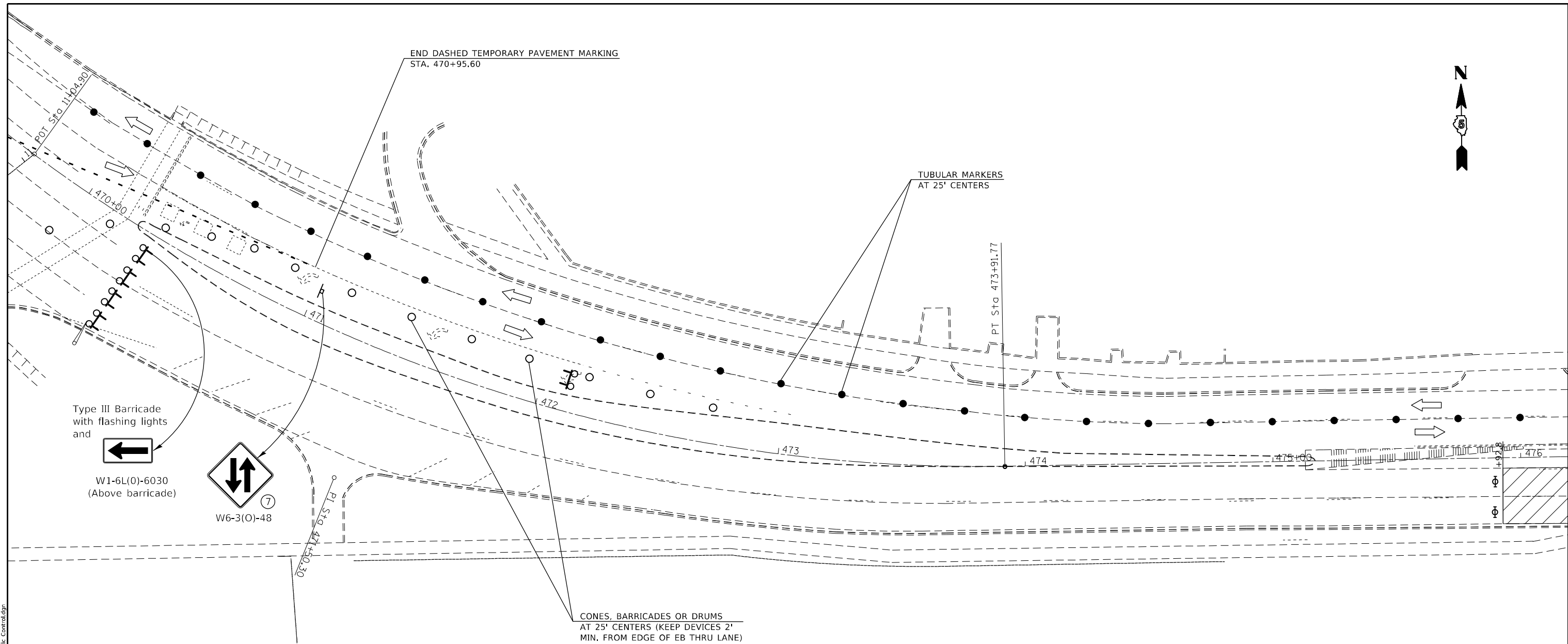
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PLOT DATE = 2/11/2021	CHECKED -	REVISED -
	DATE -	REVISED -







**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TRAFFIC CONTROL AND PROTECTION STANDARD 701611 (SPECIAL)</b>	
SCALE: NA	SHEET 2 OF 5 SHEETS
STA. 464+00.00	TO STA. 470+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(13Z, 13Z-1)RS-3	MACON	208	62
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



**SYMBOLS**

-  Arrow board
-  Cone, drum or barricade
-  Sign on portable or permanent support
-  Work area
-  Barricade or drum with flashing light
-  Type III barricade with flashing lights

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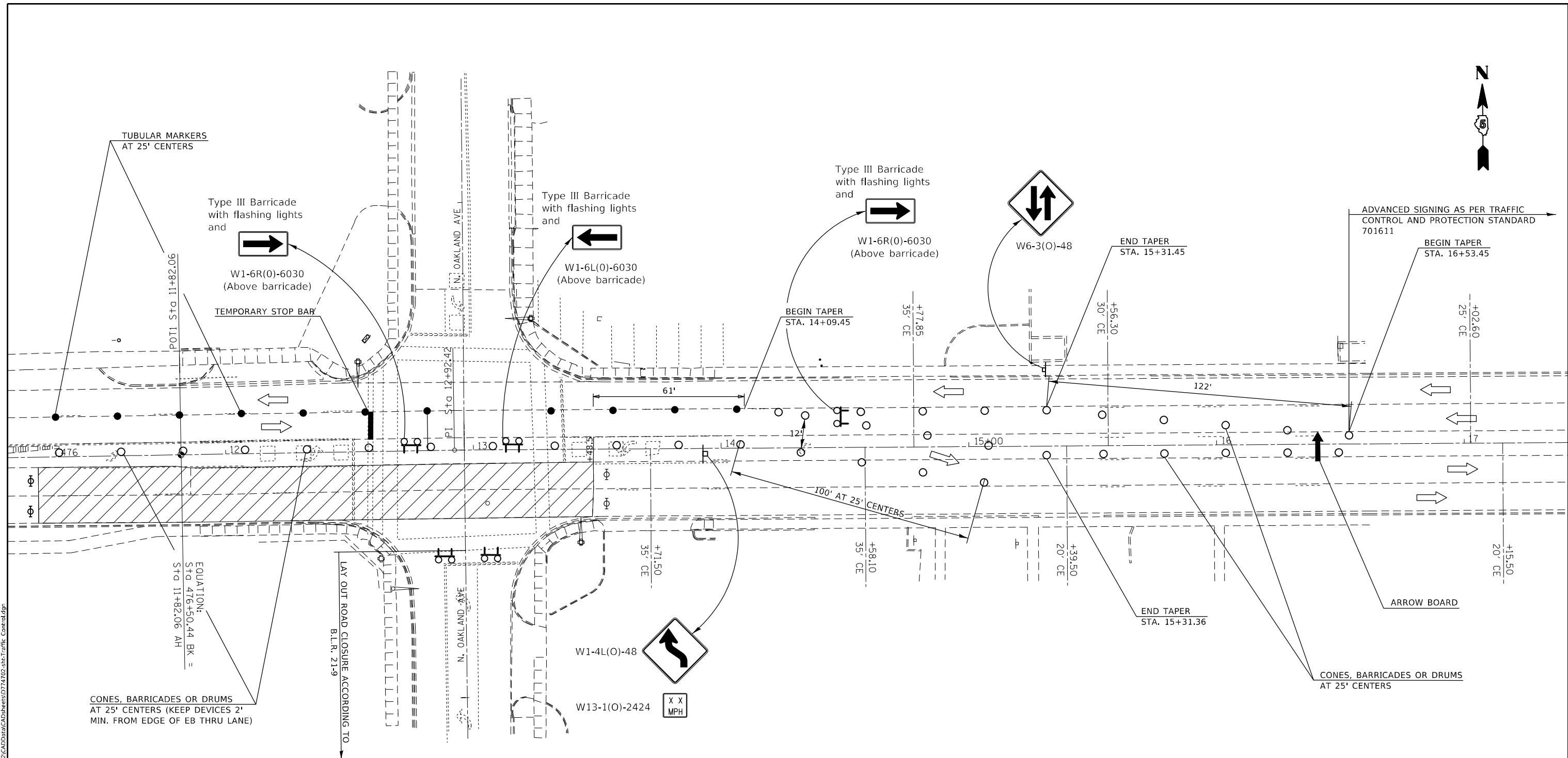
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION**  
**STANDARD 701611 (SPECIAL)**

SCALE: NA    SHEET 3    OF 5    SHEETS    STA. 470+00.00    TO STA. 476+00.00

*F.A.P. 323 & F.A.U. 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		-	(13Z, 13Z-1)RS-3	MACON	208	63
				CONTRACT NO. 74702		
		ILLINOIS		FED. AID PROJECT		





TUBULAR MARKERS  
AT 25' CENTERS

Type III Barricade  
with flashing lights  
and  
W1-6R(0)-6030  
(Above barricade)

TEMPORARY STOP BAR

Type III Barricade  
with flashing lights  
and  
W1-6L(0)-6030  
(Above barricade)

Type III Barricade  
with flashing lights  
and  
W1-6R(0)-6030  
(Above barricade)

W6-3(O)-48

END TAPER  
STA. 15+31.45

ADVANCED SIGNING AS PER TRAFFIC  
CONTROL AND PROTECTION STANDARD  
701611

BEGIN TAPER  
STA. 16+53.45

BEGIN TAPER  
STA. 14+09.45

END TAPER  
STA. 15+31.36

ARROW BOARD

CONES, BARRICADES OR DRUMS  
AT 25' CENTERS

EQUATION:  
STA. 476+50.44 BK =  
STA. 11+82.06 AH

CONES, BARRICADES OR DRUMS  
AT 25' CENTERS (KEEP DEVICES 2'  
MIN. FROM EDGE OF EB THRU LANE)







LAY OUT ROAD CLOSURE ACCORDING TO  
B.L.R. 21-9

W1-4L(O)-48

W13-1(O)-2424

X X  
MPH

**SYMBOLS**

-  Arrow board
-  Cone, drum or barricade
-  Sign on portable or permanent support
-  Work area
-  Barricade or drum with flashing light
-  Type III barricade with flashing lights

MODEL: Default  
 FILE NAME: p:\pub\barroom.dat\illinois.gov\PIWDOT\Documents\DOT\_Offices\District\_7\Projects\174702\CADD\Drawings\74702-shc-Traffic\_Control.dgn  
 DATE: 2/11/2021

USER NAME = steffnmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

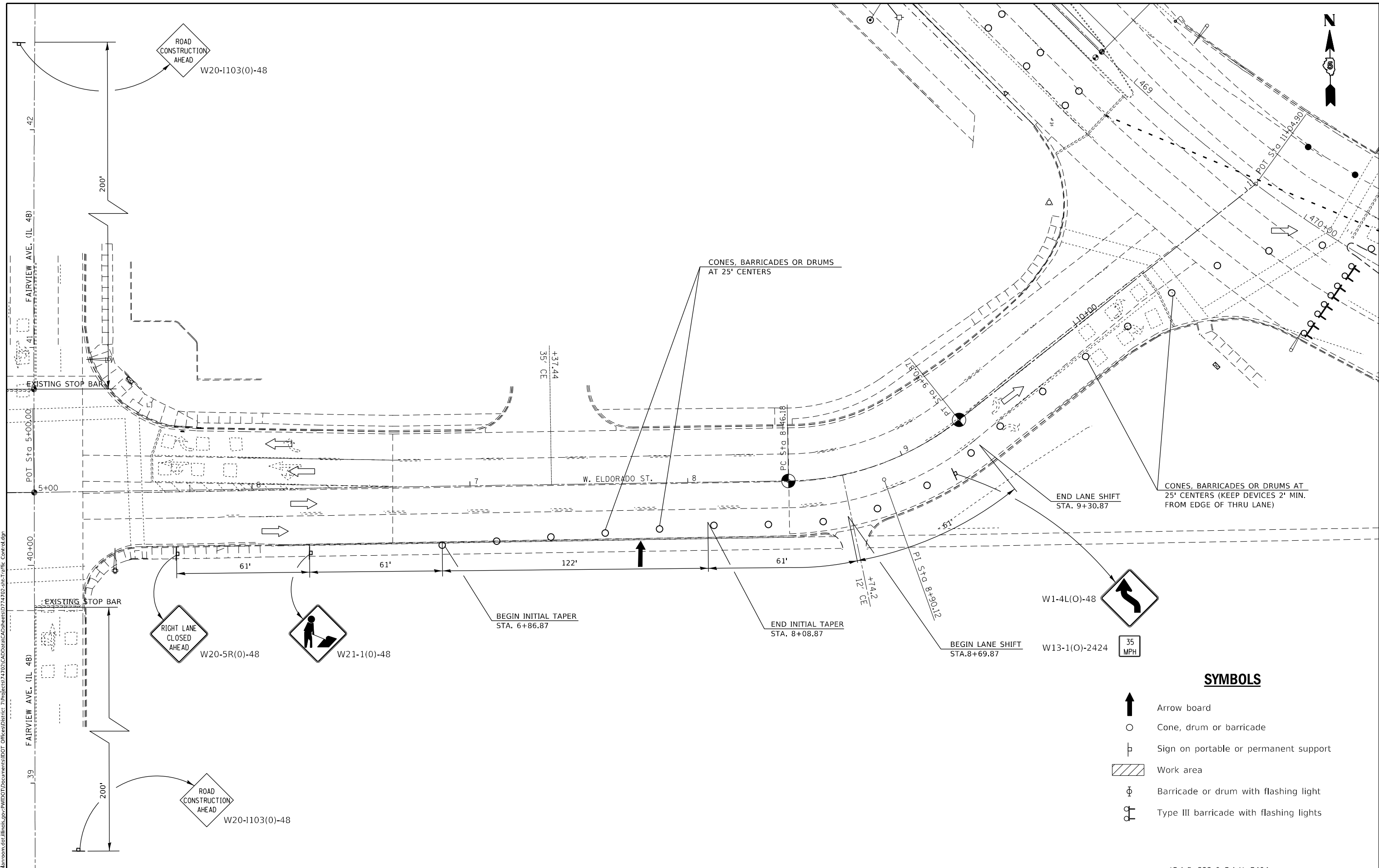
**TRAFFIC CONTROL AND PROTECTION  
STANDARD 701611 (SPECIAL)**

SCALE: NA SHEET 4 OF 5 SHEETS STA. 476+00.00 TO STA. 17+00.00

\*F.A.P. 323 & F.A.U. 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(13Z, 13Z-1)RS-3	MACON	208	64
CONTRACT NO. 74702				
ILLINOIS		FED. AID PROJECT		

MODEL: Default  
 FILE NAME: p:\pubroom\dot\illinois\pwr\WIDOT\Documents\DOT\_Offices\District\_7\Projects\74702\CADD\Drawings\DOT\_74702-eh-Traffic\_Control.dwg



**SYMBOLS**

- Arrow board
- Cone, drum or barricade
- Sign on portable or permanent support
- Work area
- Barricade or drum with flashing light
- Type III barricade with flashing lights

USER NAME = steffnmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 "/td> <td>CHECKED -</td> <td>REVISED -</td>	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

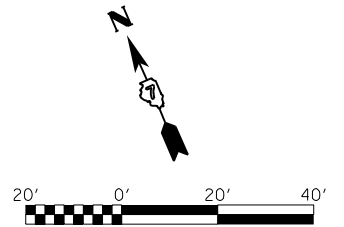
**TRAFFIC CONTROL AND PROTECTION  
 STANDARD 701611 (SPECIAL)**

SCALE: NA SHEET 5 OF 5 SHEETS STA. 5+00.00 TO STA. 11+00.00

\*F.A.P. 323 & F.A.U. 7404

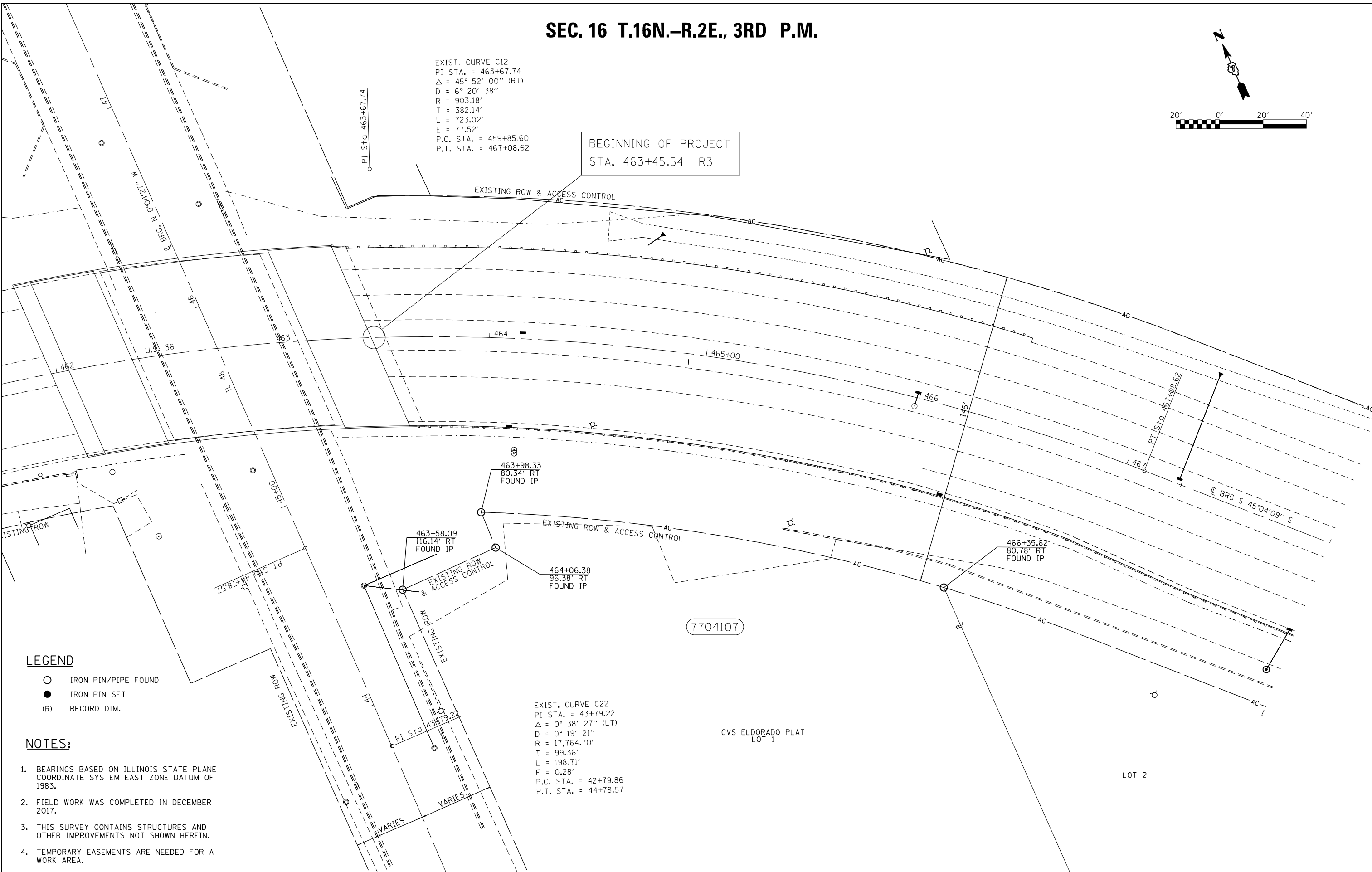
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(13Z, 13Z-1)RS-3	MACON	208	65
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

# SEC. 16 T.16N.-R.2E., 3RD P.M.



EXIST. CURVE C12  
 PI STA. = 463+67.74  
 $\Delta = 45^\circ 52' 00''$  (RT)  
 $D = 6^\circ 20' 38''$   
 $R = 903.18'$   
 $T = 382.14'$   
 $L = 723.02'$   
 $E = 77.52'$   
 P.C. STA. = 459+85.60  
 P.T. STA. = 467+08.62

BEGINNING OF PROJECT  
 STA. 463+45.54 R3



### LEGEND

- IRON PIN/PIPE FOUND
- IRON PIN SET
- (R) RECORD DIM.

### NOTES:

1. BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.
2. FIELD WORK WAS COMPLETED IN DECEMBER 2017.
3. THIS SURVEY CONTAINS STRUCTURES AND OTHER IMPROVEMENTS NOT SHOWN HEREIN.
4. TEMPORARY EASEMENTS ARE NEEDED FOR A WORK AREA.

FILE NAME	USER NAME = steffenk	DESIGNED - TJH	REVISED -
p:\plnroom\dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\74702\DRAWN\CADsheets\74702-sht-rowplan.dgn		CHECKED - RJC	REVISED -
	PLOT SCALE = 40.0000' / in.	DATE - 5-22-18	REVISED -
	PLOT DATE = 2/11/2021		

EXIST. CURVE C22  
 PI STA. = 43+79.22  
 $\Delta = 0^\circ 38' 27''$  (LT)  
 $D = 0^\circ 19' 21''$   
 $R = 17,764.70'$   
 $T = 99.36'$   
 $L = 198.71'$   
 $E = 0.28'$   
 P.C. STA. = 42+79.86  
 P.T. STA. = 44+78.57

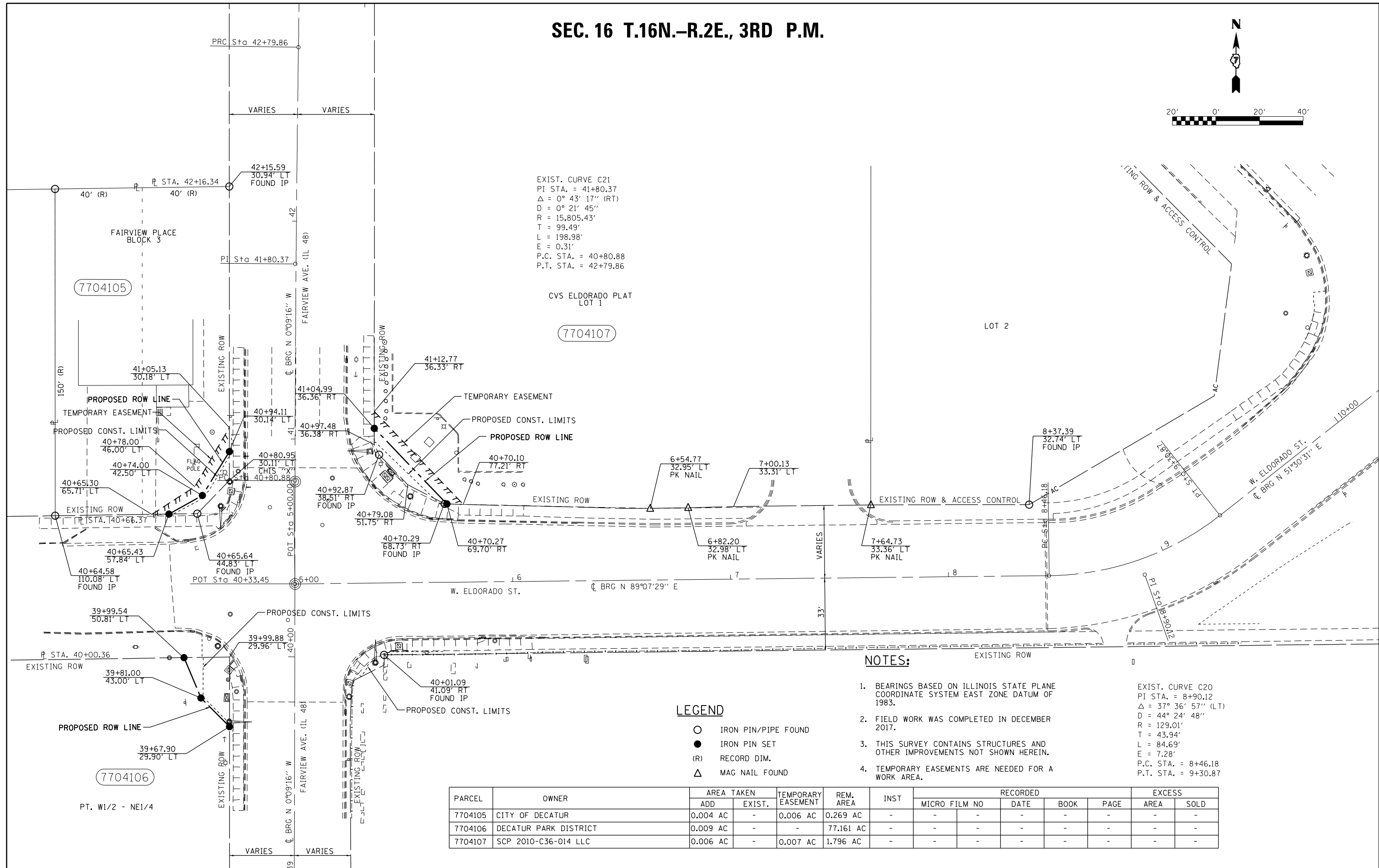
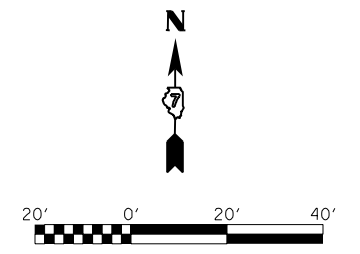
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

### RIGHT OF WAY PLANS

PROJECT	JOB NO. R-97-004-17
SCALE: 1"=20'	SHEET 1 OF 12 SHEETS
STA. 462+00	TO STA. 468+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(13Z, 13Z-1) R5-3	MACON	208	66
CONTRACT NO. 74702				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

# SEC. 16 T.16N.-R.2E., 3RD P.M.



EXIST. CURVE C21  
 PI STA. = 41+80.37  
 $\Delta = 0^\circ 43' 17''$  (RT)  
 $D = 0^\circ 21' 45''$   
 $R = 15,805.43'$   
 $T = 99.49'$   
 $L = 198.98'$   
 $E = 0.31'$   
 P.C. STA. = 40+80.88  
 P.T. STA. = 42+79.86

CVS ELDORADO PLAT  
 LOT 1

7704107

LOT 2

### NOTES:

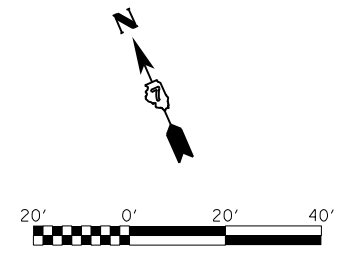
- BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.
- FIELD WORK WAS COMPLETED IN DECEMBER 2017.
- THIS SURVEY CONTAINS STRUCTURES AND OTHER IMPROVEMENTS NOT SHOWN HEREIN.
- TEMPORARY EASEMENTS ARE NEEDED FOR A WORK AREA.

### LEGEND

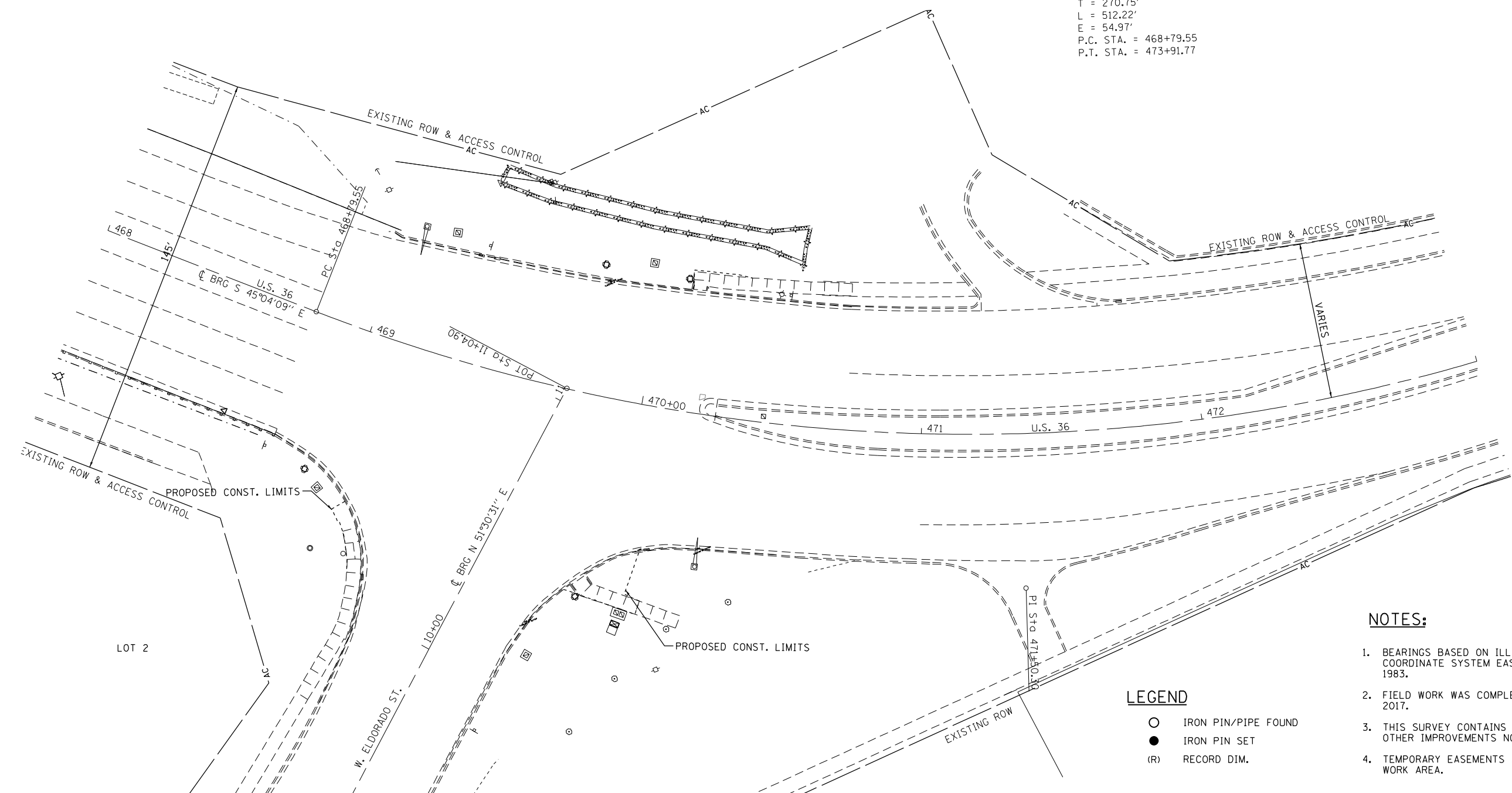
- IRON PIN/PIPE FOUND
- IRON PIN SET
- (R) RECORD DIM.
- △ MAG NAIL FOUND

PARCEL	OWNER	AREA TAKEN		TEMPORARY EASEMENT	REM. AREA	INST	RECORDED				EXCESS		
		ADD	EXIST.				MICRO FILM NO	DATE	BOOK	PAGE	AREA	SOLD	
7704105	CITY OF DECATUR	0.004 AC	-	0.006 AC	0.269 AC	-	-	-	-	-	-	-	-
7704106	DECATUR PARK DISTRICT	0.009 AC	-	-	77.161 AC	-	-	-	-	-	-	-	-
7704107	SCP 2010-C36-014 LLC	0.006 AC	-	0.007 AC	1.796 AC	-	-	-	-	-	-	-	-

SEC. 16 T.16N.-R.2E., 3RD P.M.



EXIST. CURVE C13  
 PI STA. = 471+50.30  
 $\Delta$  = 45° 54' 11" (LT)  
 D = 8° 57' 42"  
 R = 639.35'  
 T = 270.75'  
 L = 512.22'  
 E = 54.97'  
 P.C. STA. = 468+79.55  
 P.T. STA. = 473+91.77



LEGEND

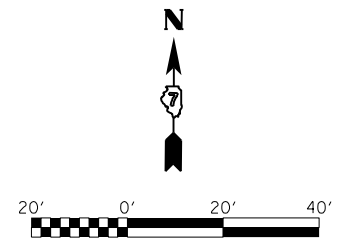
- IRON PIN/PIPE FOUND
- IRON PIN SET
- (R) RECORD DIM.

NOTES:

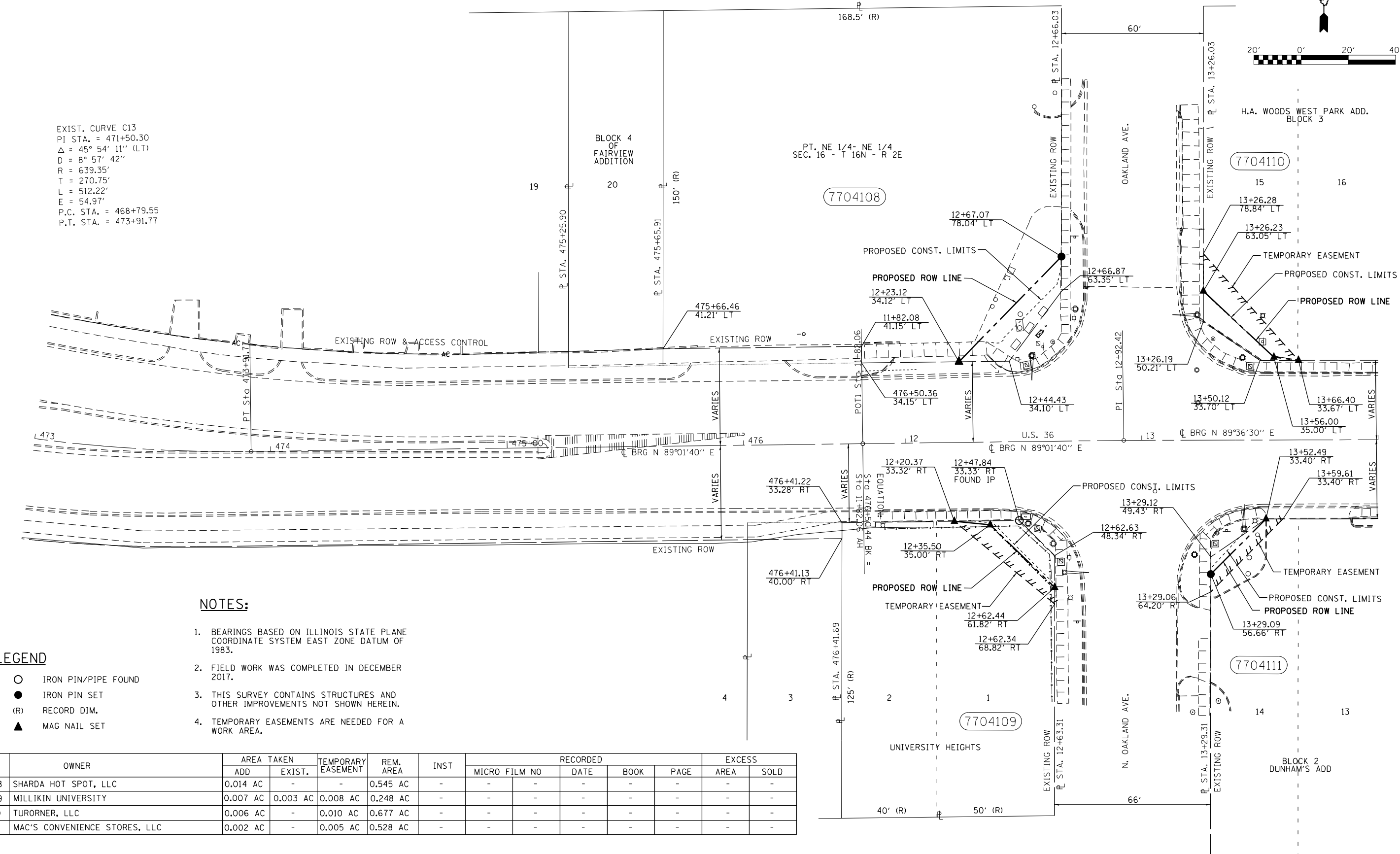
1. BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.
2. FIELD WORK WAS COMPLETED IN DECEMBER 2017.
3. THIS SURVEY CONTAINS STRUCTURES AND OTHER IMPROVEMENTS NOT SHOWN HEREIN.
4. TEMPORARY EASEMENTS ARE NEEDED FOR A WORK AREA.

FILE NAME	USER NAME = steffenk	DESIGNED - TJH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RIGHT OF WAY PLANS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						PROJECT	JOB NO. R-97-004-17	323	(13Z, 13Z-1) RS-3	MACON	208	68
						SCALE: 1"=20'	SHEET 3 OF 12 SHEETS	STA. 468+00 TO STA. 473+00	<b>CONTRACT NO. 74702</b>			
									FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT			

SEC. 16 T.16N.-R.2E., 3RD P.M.



EXIST. CURVE C13  
 PI STA. = 471+50.30  
 $\Delta = 45^\circ 54' 11''$  (LT)  
 $D = 8^\circ 57' 42''$   
 $R = 639.35'$   
 $T = 270.75'$   
 $L = 512.22'$   
 $E = 54.97'$   
 P.C. STA. = 468+79.55  
 P.T. STA. = 473+91.77



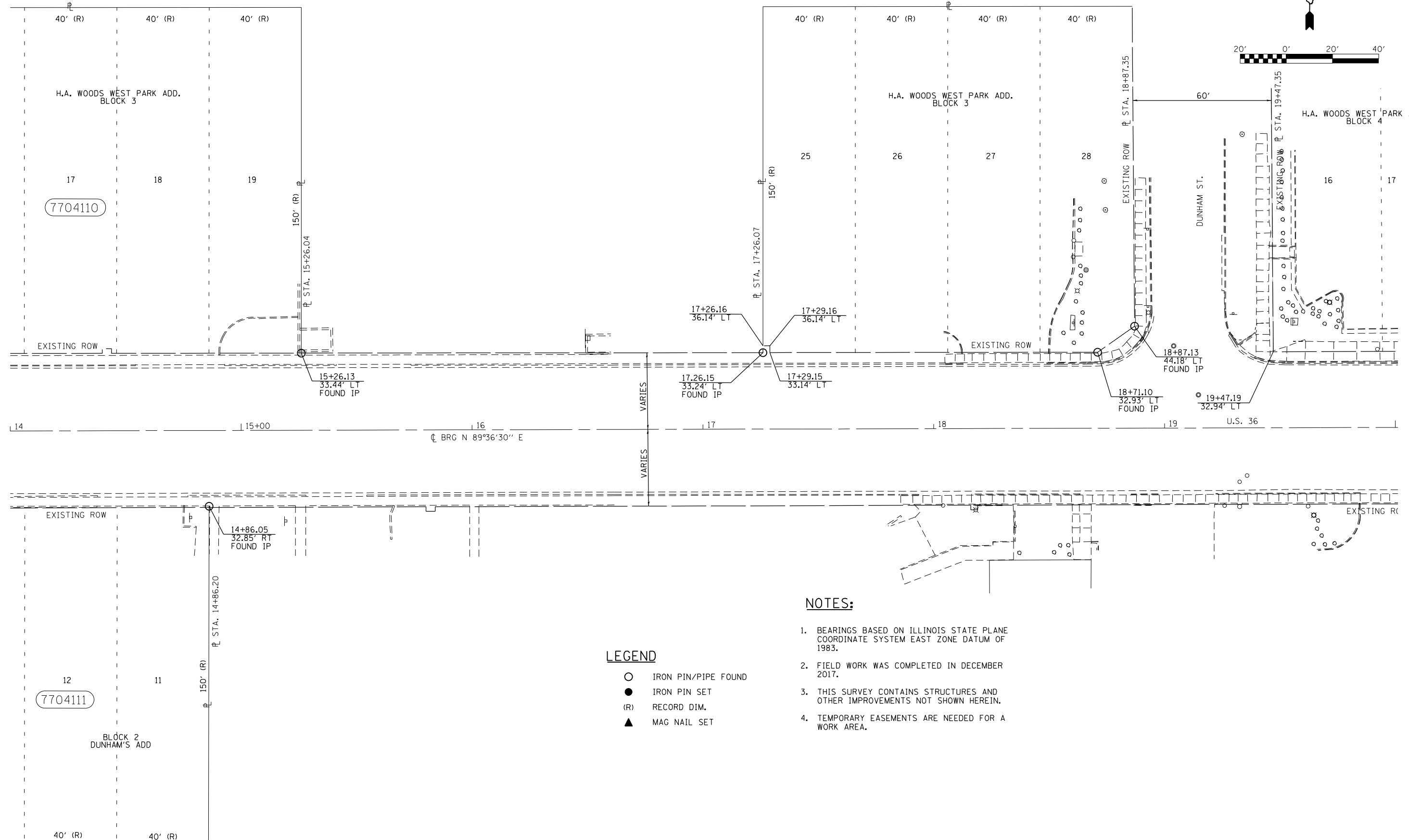
- NOTES:**
1. BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.
  2. FIELD WORK WAS COMPLETED IN DECEMBER 2017.
  3. THIS SURVEY CONTAINS STRUCTURES AND OTHER IMPROVEMENTS NOT SHOWN HEREIN.
  4. TEMPORARY EASEMENTS ARE NEEDED FOR A WORK AREA.

**LEGEND**

- IRON PIN/PIPE FOUND
- IRON PIN SET
- (R) RECORD DIM.
- ▲ MAG NAIL SET

PARCEL	OWNER	AREA TAKEN		TEMPORARY EASEMENT	REM. AREA	INST	RECORDED				EXCESS		
		ADD	EXIST.				MICRO FILM NO	DATE	BOOK	PAGE	AREA	SOLD	
7704108	SHARDA HOT SPOT, LLC	0.014 AC	-	-	0.545 AC	-	-	-	-	-	-	-	-
7704109	MILLIKIN UNIVERSITY	0.007 AC	0.003 AC	0.008 AC	0.248 AC	-	-	-	-	-	-	-	-
7704110	TURORNER, LLC	0.006 AC	-	0.010 AC	0.677 AC	-	-	-	-	-	-	-	-
7704111	MAC'S CONVENIENCE STORES, LLC	0.002 AC	-	0.005 AC	0.528 AC	-	-	-	-	-	-	-	-

SEC. 15 T.16N.-R.2E., 3RD P.M.



**NOTES:**

1. BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.
2. FIELD WORK WAS COMPLETED IN DECEMBER 2017.
3. THIS SURVEY CONTAINS STRUCTURES AND OTHER IMPROVEMENTS NOT SHOWN HEREIN.
4. TEMPORARY EASEMENTS ARE NEEDED FOR A WORK AREA.

**LEGEND**

- IRON PIN/PIPE FOUND
- IRON PIN SET
- (R) RECORD DIM.
- ▲ MAG NAIL SET

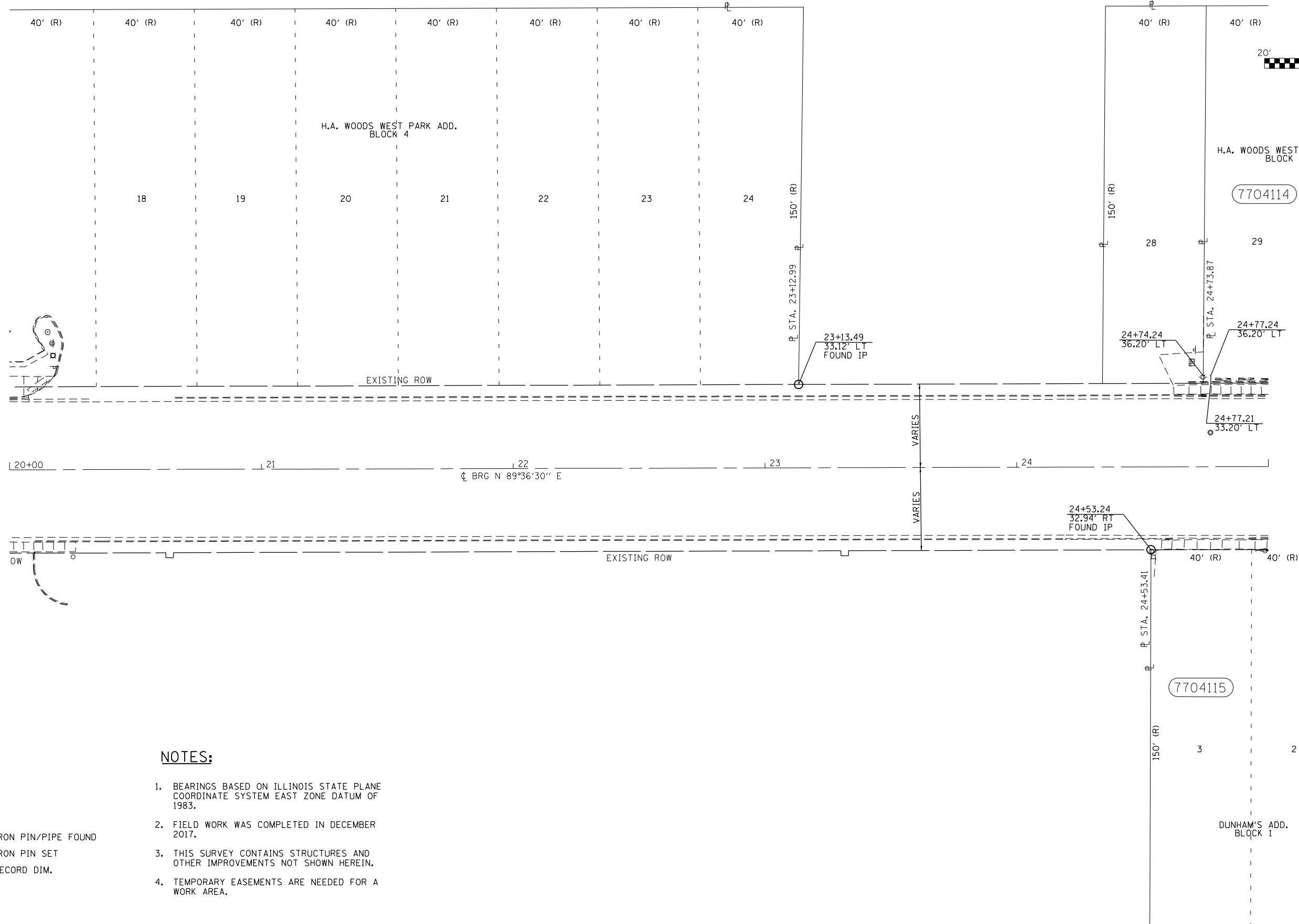
FILE NAME: D774702-sht-rowplan.dgn	USER NAME = steffenk	DESIGNED - TJH	REVISED -
		DRAWN - BWC	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - RJC	REVISED -
	PLOT DATE = 2/11/2021	DATE - 5-22-18	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS	
PROJECT	JOB NO. R-97-004-17
SCALE: 1"=20'	SHEET 5 OF 12 SHEETS
STA. 14+00	TO STA. 20+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(13Z, 13Z-1) R5-3	MACON	208	70
CONTRACT NO. 74702				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

# SEC. 15 T.16N.-R.2E., 3RD P.M.



### NOTES:

1. BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.
2. FIELD WORK WAS COMPLETED IN DECEMBER 2017.
3. THIS SURVEY CONTAINS STRUCTURES AND OTHER IMPROVEMENTS NOT SHOWN HEREIN.
4. TEMPORARY EASEMENTS ARE NEEDED FOR A WORK AREA.

### LEGEND

- IRON PIN/PIPE FOUND
- IRON PIN SET
- (R) RECORD DIM.

FILE NAME:  
D774702-sht-rowplan.dgn

USER NAME = steffenmk  
PLOT SCALE = 40.0000' / in.  
PLOT DATE = 2/11/2021

DESIGNED - TJH  
DRAWN - BWC  
CHECKED - RJC  
DATE - 5-22-18

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

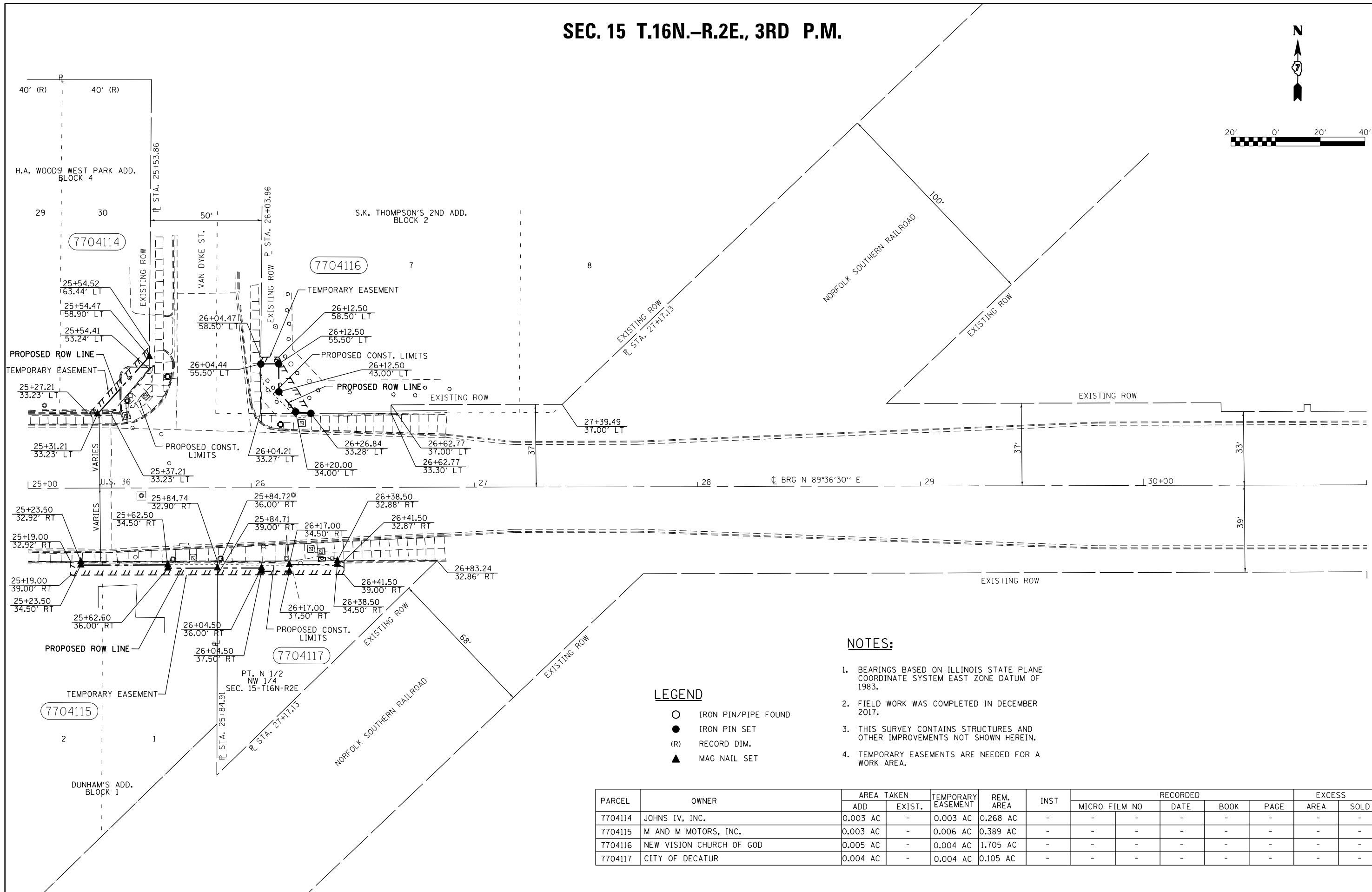
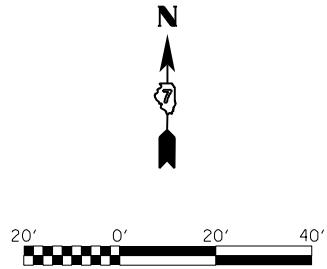
### RIGHT OF WAY PLANS

PROJECT: SHEET 6 OF 12 SHEETS  
JOB NO. R-97-004-17  
SCALE: 1"=20'  
STA. 20+00 TO STA. 25+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(13Z, 13Z-1) RS-3	MACON	208	71
CONTRACT NO. 74702				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



# SEC. 15 T.16N.-R.2E., 3RD P.M.



### NOTES:

1. BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.
2. FIELD WORK WAS COMPLETED IN DECEMBER 2017.
3. THIS SURVEY CONTAINS STRUCTURES AND OTHER IMPROVEMENTS NOT SHOWN HEREIN.
4. TEMPORARY EASEMENTS ARE NEEDED FOR A WORK AREA.

### LEGEND

- IRON PIN/PIPE FOUND
- IRON PIN SET
- (R) RECORD DIM.
- ▲ MAG NAIL SET

PARCEL	OWNER	AREA TAKEN		TEMPORARY EASEMENT	REM. AREA	INST	RECORDED				EXCESS		
		ADD	EXIST.				MICRO FILM NO	DATE	BOOK	PAGE	AREA	SOLD	
7704114	JOHNS IV, INC.	0.003 AC	-	0.003 AC	0.268 AC	-	-	-	-	-	-	-	-
7704115	M AND M MOTORS, INC.	0.003 AC	-	0.006 AC	0.389 AC	-	-	-	-	-	-	-	-
7704116	NEW VISION CHURCH OF GOD	0.005 AC	-	0.004 AC	1.705 AC	-	-	-	-	-	-	-	-
7704117	CITY OF DECATUR	0.004 AC	-	0.004 AC	0.105 AC	-	-	-	-	-	-	-	-

FILE NAME	USER NAME = steffenk	DESIGNED - TJH	REVISED -
pw:\planning\dot.illinois.gov\PIWOT\Documents\IDOT Offices\District 7\Projects\74702\DRAWING\CADsheets\DWG\702-shr-rowplan.dgn		CHECKED - RJC	REVISED -
PLOT SCALE = 40.0000' / in.		DATE - 5-22-18	REVISED -
PLOT DATE = 2/11/2021			

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

### RIGHT OF WAY PLANS

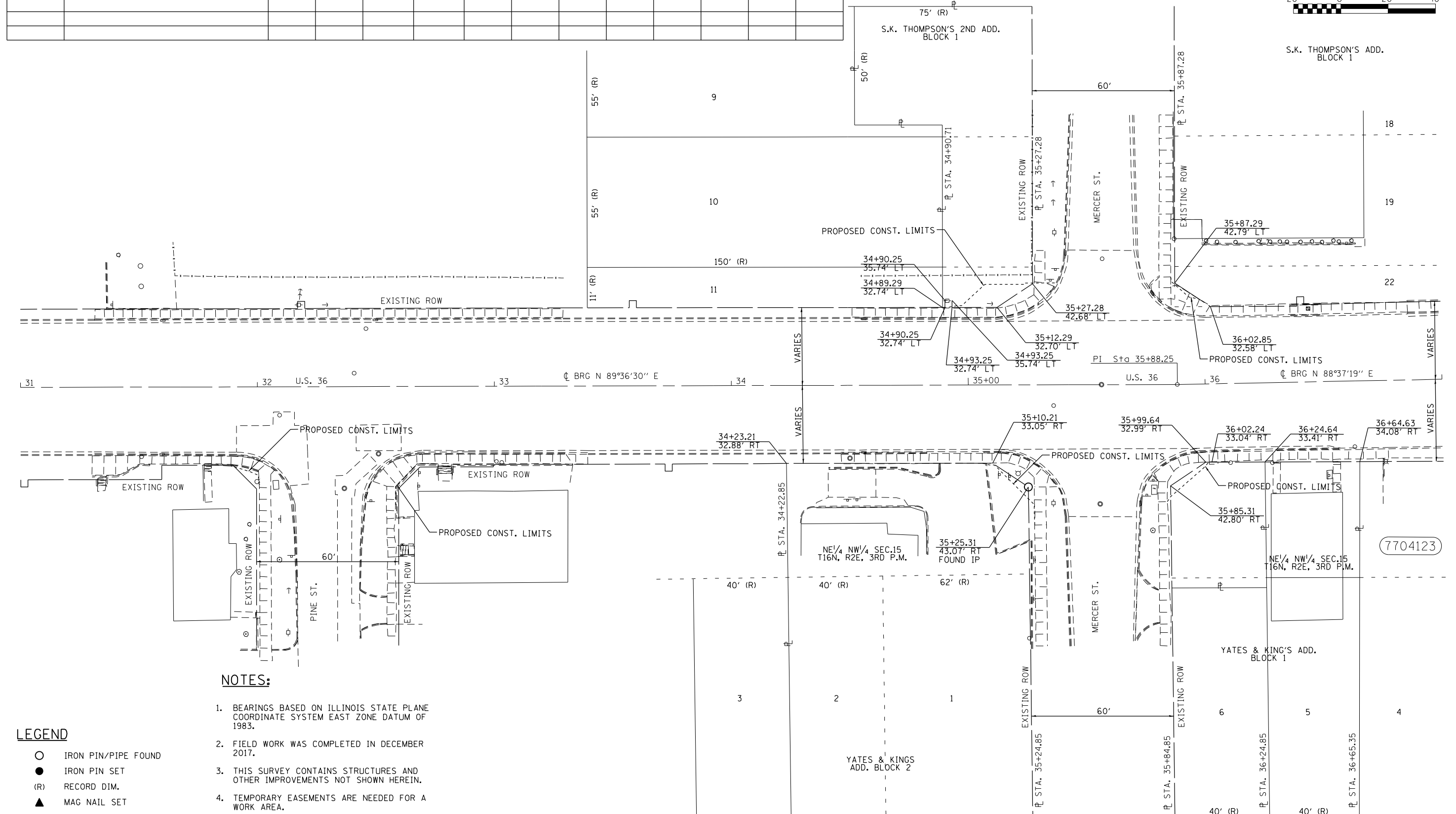
PROJECT	JOB NO. R-97-004-17
SCALE: 1"=20'	SHEET 7 OF 12 SHEETS
STA. 25+00	TO STA. 31+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(13Z, 13Z-1) R5-3	MACON	208	72
CONTRACT NO. 74702				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

# SEC. 15 T.16N.-R.2E., 3RD P.M.



PARCEL	OWNER	AREA TAKEN		TEMPORARY EASEMENT	REM. AREA	INST	RECORDED				EXCESS		
		ADD	EXIST.				MICRO FILM NO	DATE	BOOK	PAGE	AREA	SOLD	

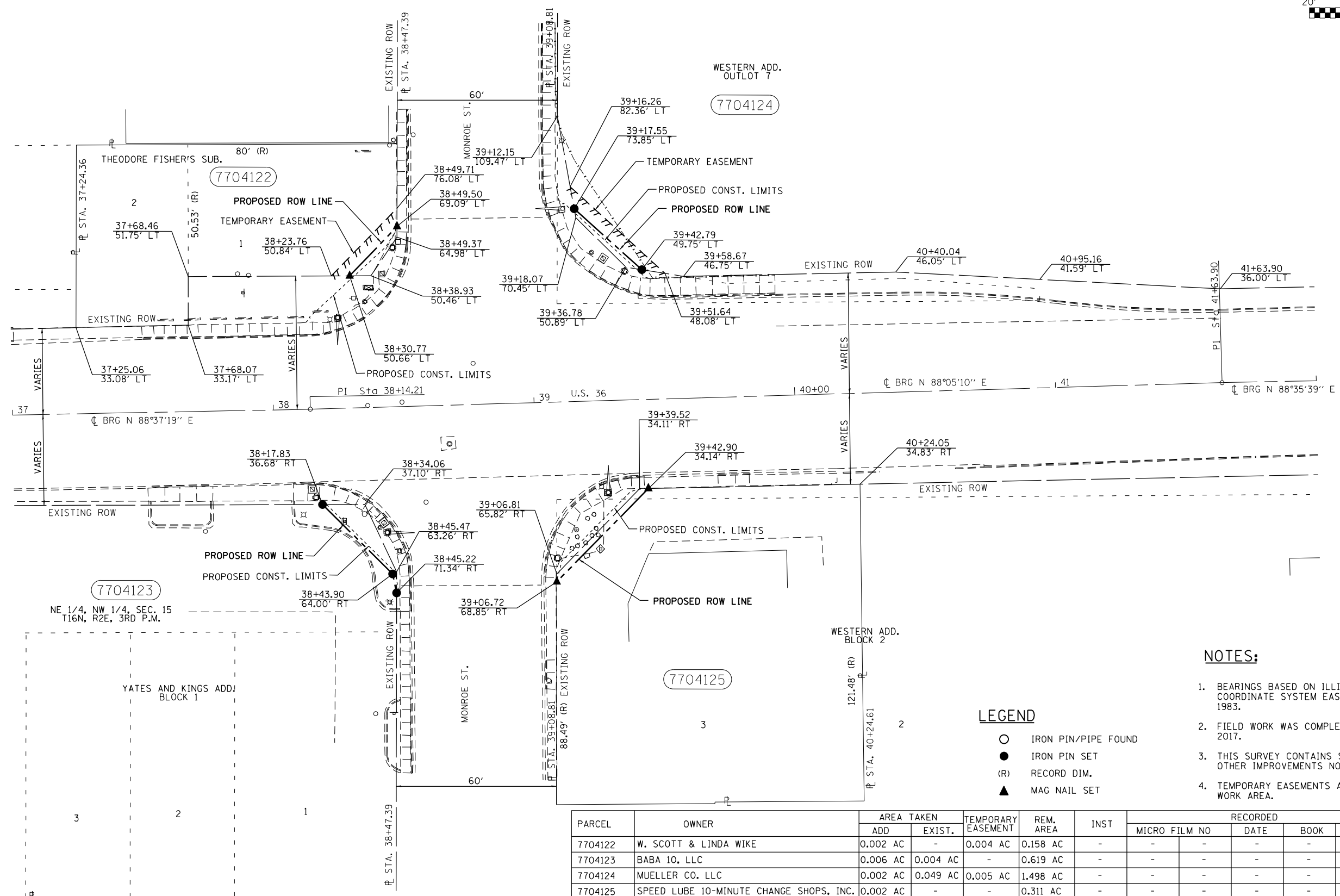


- NOTES:**
1. BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.
  2. FIELD WORK WAS COMPLETED IN DECEMBER 2017.
  3. THIS SURVEY CONTAINS STRUCTURES AND OTHER IMPROVEMENTS NOT SHOWN HEREIN.
  4. TEMPORARY EASEMENTS ARE NEEDED FOR A WORK AREA.

- LEGEND**
- IRON PIN/PIPE FOUND
  - IRON PIN SET
  - (R) RECORD DIM.
  - ▲ MAG NAIL SET

FILE NAME: D774702-sht-rowplan.dgn	USER NAME = steffenk	DESIGNED - TJH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RIGHT OF WAY PLANS</b>	F.A.P. RTE. 323	SECTION (13Z, 13Z-1) R5-3	COUNTY MACON	TOTAL SHEETS 208	SHEET NO. 73
PLOT SCALE = 40.0000' / in.		CHECKED - RJC		PROJECT: STA. 31+00 TO STA. 37+00		JOB NO. R-97-004-17		CONTRACT NO. 74702		
PLOT DATE = 2/11/2021		DATE - 5-22-18		SCALE: 1"=20'		SHEET 9 OF 13 SHEETS		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

SEC. 15 T.16N.-R.2E., 3RD P.M.



**NOTES:**

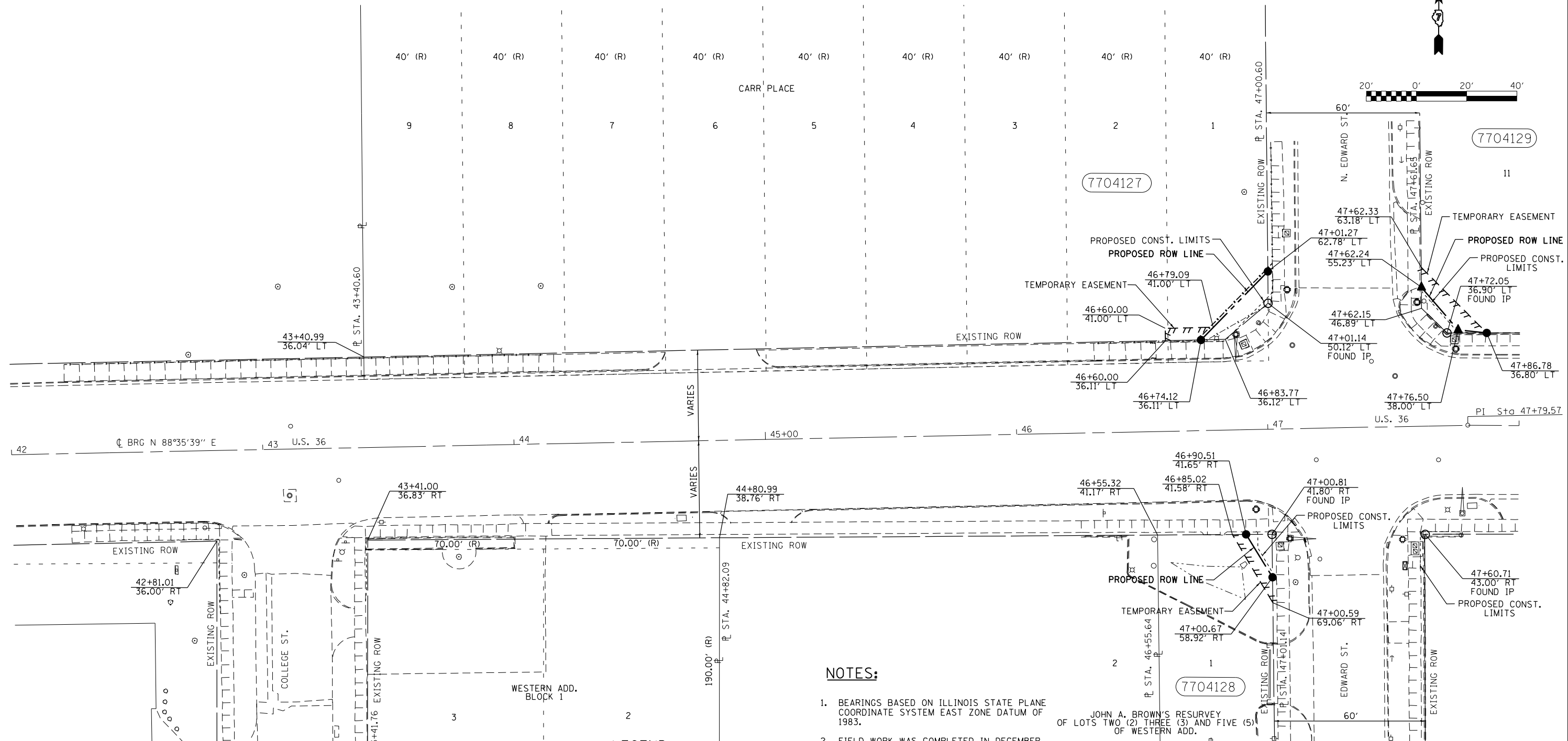
1. BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.
2. FIELD WORK WAS COMPLETED IN DECEMBER 2017.
3. THIS SURVEY CONTAINS STRUCTURES AND OTHER IMPROVEMENTS NOT SHOWN HEREIN.
4. TEMPORARY EASEMENTS ARE NEEDED FOR A WORK AREA.

**LEGEND**

- IRON PIN/PIPE FOUND
- IRON PIN SET
- (R) RECORD DIM.
- ▲ MAG NAIL SET

PARCEL	OWNER	AREA TAKEN		TEMPORARY EASEMENT	REM. AREA	INST	RECORDED			EXCESS		
		ADD	EXIST.				MICRO FILM NO	DATE	BOOK	PAGE	AREA	SOLD
7704122	W. SCOTT & LINDA WIKE	0.002 AC	-	0.004 AC	0.158 AC	-	-	-	-	-	-	-
7704123	BABA 10, LLC	0.006 AC	0.004 AC	-	0.619 AC	-	-	-	-	-	-	-
7704124	MUELLER CO. LLC	0.002 AC	0.049 AC	0.005 AC	1.498 AC	-	-	-	-	-	-	-
7704125	SPEED LUBE 10-MINUTE CHANGE SHOPS, INC.	0.002 AC	-	-	0.311 AC	-	-	-	-	-	-	-

# SEC. 15 T.16N.-R.2E., 3RD P.M.



### NOTES:

1. BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.
2. FIELD WORK WAS COMPLETED IN DECEMBER 2017.
3. THIS SURVEY CONTAINS STRUCTURES AND OTHER IMPROVEMENTS NOT SHOWN HEREIN.
4. TEMPORARY EASEMENTS ARE NEEDED FOR A WORK AREA.

### LEGEND

- IRON PIN/PIPE FOUND
- IRON PIN SET
- (R) RECORD DIM.
- ▲ MAG NAIL SET

PARCEL	OWNER	AREA TAKEN		TEMPORARY EASEMENT	REM. AREA	INST	RECORDED				EXCESS		
		ADD	EXIST.				MICRO FILM NO	DATE	BOOK	PAGE	AREA	SOLD	
7704127	MUELLER CO. LLC	0.006 AC	-	0.002 AC	0.6165 AC	-	-	-	-	-	-	-	-
7704128	THE LARRY PAUL CHARITABLE FOUNDATION	0.002 AC	-	0.003 AC	0.085 AC	-	-	-	-	-	-	-	-
7704129	LAUREL REAL ESTATE INVESTMENTS, LLC-B	0.002 AC	-	0.004 AC	0.447 AC	-	-	-	-	-	-	-	-

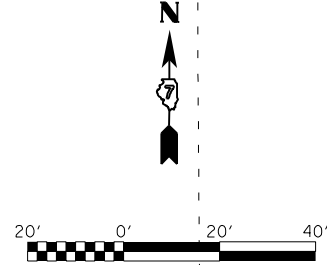
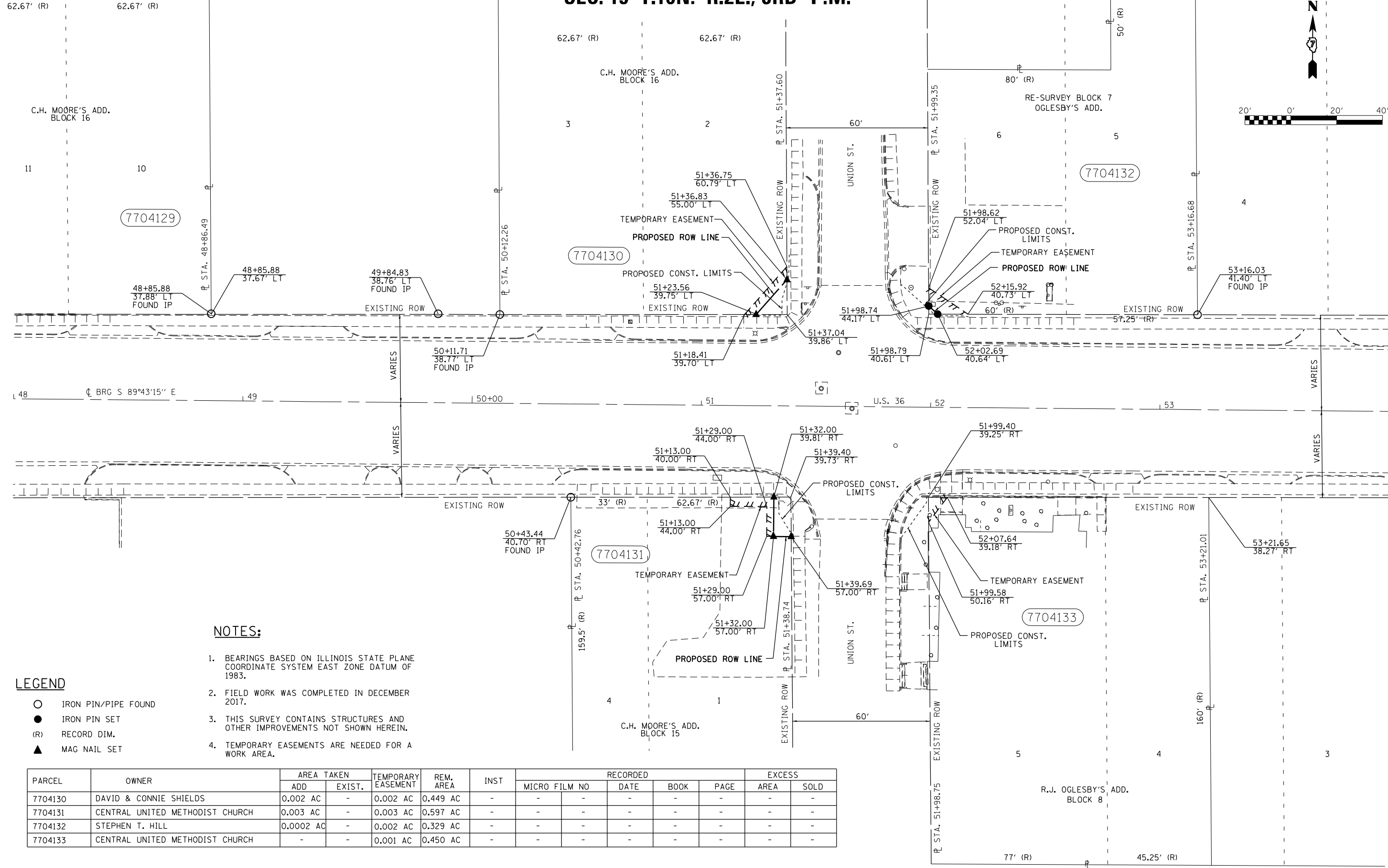
FILE NAME: D774702-sht-rowplan.dgn	USER NAME = steffemk	DESIGNED - TJH	REVISED -
		DRAWN - BWC	REVISED -
		CHECKED - RJC	REVISED -
		DATE - 5-22-18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

RIGHT OF WAY PLANS			
PROJECT	JOB NO.	SCALE:	SHEET
OF 12 SHEETS	R-97-004-17	1"=20'	10
TO STA. 48+00	STA. 42+00		

F.A.P. RTE. 323	SECTION (13Z, 13Z-1) R5-3	COUNTY MACON	TOTAL SHEETS 208	SHEET NO. 75
CONTRACT NO. 74702				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

# SEC. 15 T.16N.-R.2E., 3RD P.M.

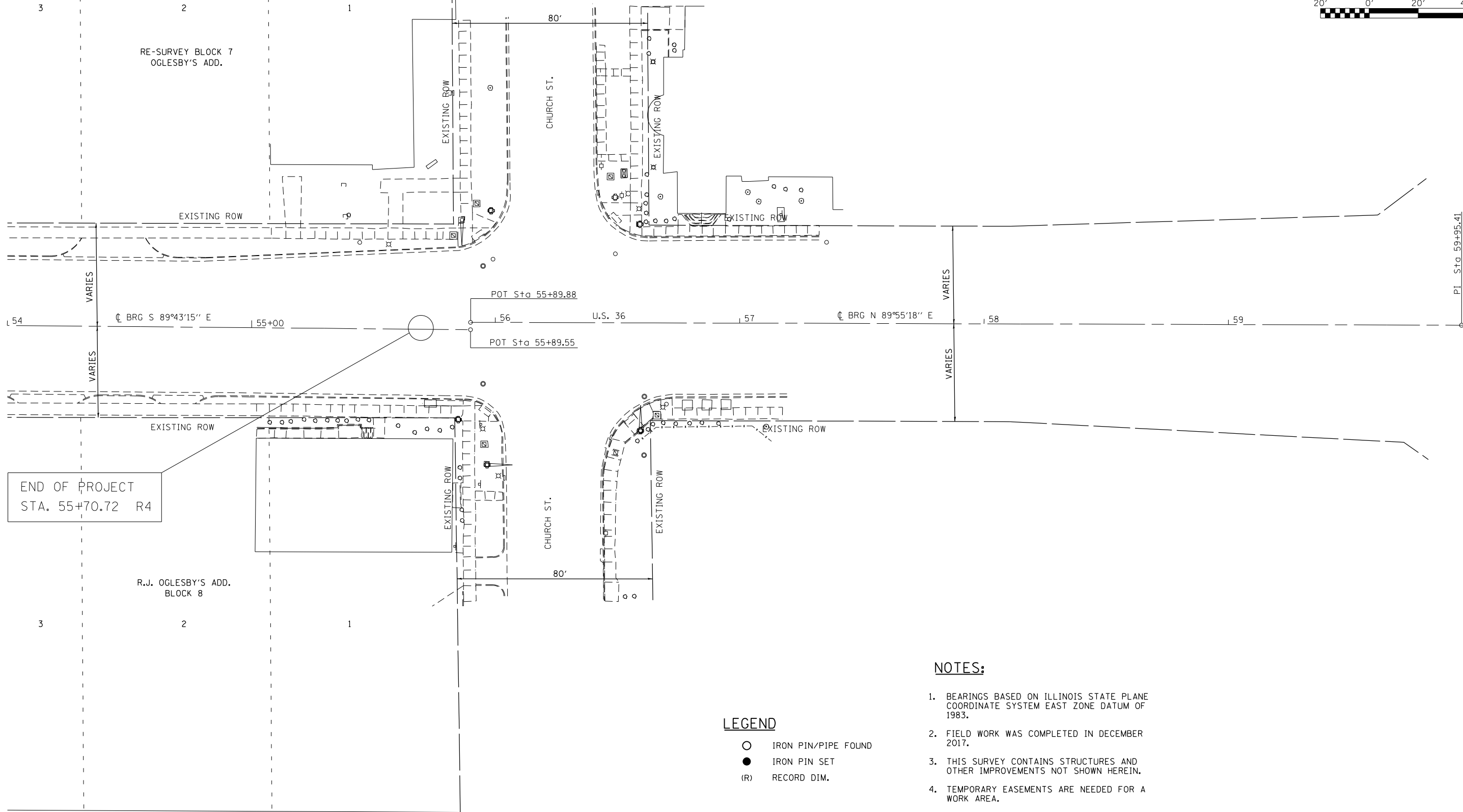
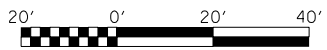


- NOTES:**
1. BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.
  2. FIELD WORK WAS COMPLETED IN DECEMBER 2017.
  3. THIS SURVEY CONTAINS STRUCTURES AND OTHER IMPROVEMENTS NOT SHOWN HEREIN.
  4. TEMPORARY EASEMENTS ARE NEEDED FOR A WORK AREA.

- LEGEND**
- IRON PIN/PIPE FOUND
  - IRON PIN SET
  - (R) RECORD DIM.
  - ▲ MAG NAIL SET

PARCEL	OWNER	AREA TAKEN		TEMPORARY EASEMENT	REM. AREA	INST	RECORDED				EXCESS	
		ADD	EXIST.				MICRO FILM NO	DATE	BOOK	PAGE	AREA	SOLD
7704130	DAVID & CONNIE SHIELDS	0.002 AC	-	0.002 AC	0.449 AC	-	-	-	-	-	-	-
7704131	CENTRAL UNITED METHODIST CHURCH	0.003 AC	-	0.003 AC	0.597 AC	-	-	-	-	-	-	-
7704132	STEPHEN T. HILL	0.0002 AC	-	0.002 AC	0.329 AC	-	-	-	-	-	-	-
7704133	CENTRAL UNITED METHODIST CHURCH	-	-	0.001 AC	0.450 AC	-	-	-	-	-	-	-

SEC. 15 T.16N.-R.2E., 3RD P.M.



END OF PROJECT  
STA. 55+70.72 R4

**NOTES:**

1. BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.
2. FIELD WORK WAS COMPLETED IN DECEMBER 2017.
3. THIS SURVEY CONTAINS STRUCTURES AND OTHER IMPROVEMENTS NOT SHOWN HEREIN.
4. TEMPORARY EASEMENTS ARE NEEDED FOR A WORK AREA.

**LEGEND**

- IRON PIN/PIPE FOUND
- IRON PIN SET
- (R) RECORD DIM.

FILE NAME: p:\plnroom.dot\illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74702\DRAWING\CADsheets\DWG\702-shr-row\pln.dgn	USER NAME = steffenk	DESIGNED - TJH	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - RJC	REVISED -	REVISED -
PLOT DATE = 2/11/2021	DATE - 5-22-18	REVISED -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

RIGHT OF WAY PLANS			
PROJECT	OF 12 SHEETS	JOB NO. R-97-004-17	SCALE: 1"=20'
SHEET 12		STA. 54+00 TO STA. 60+00	

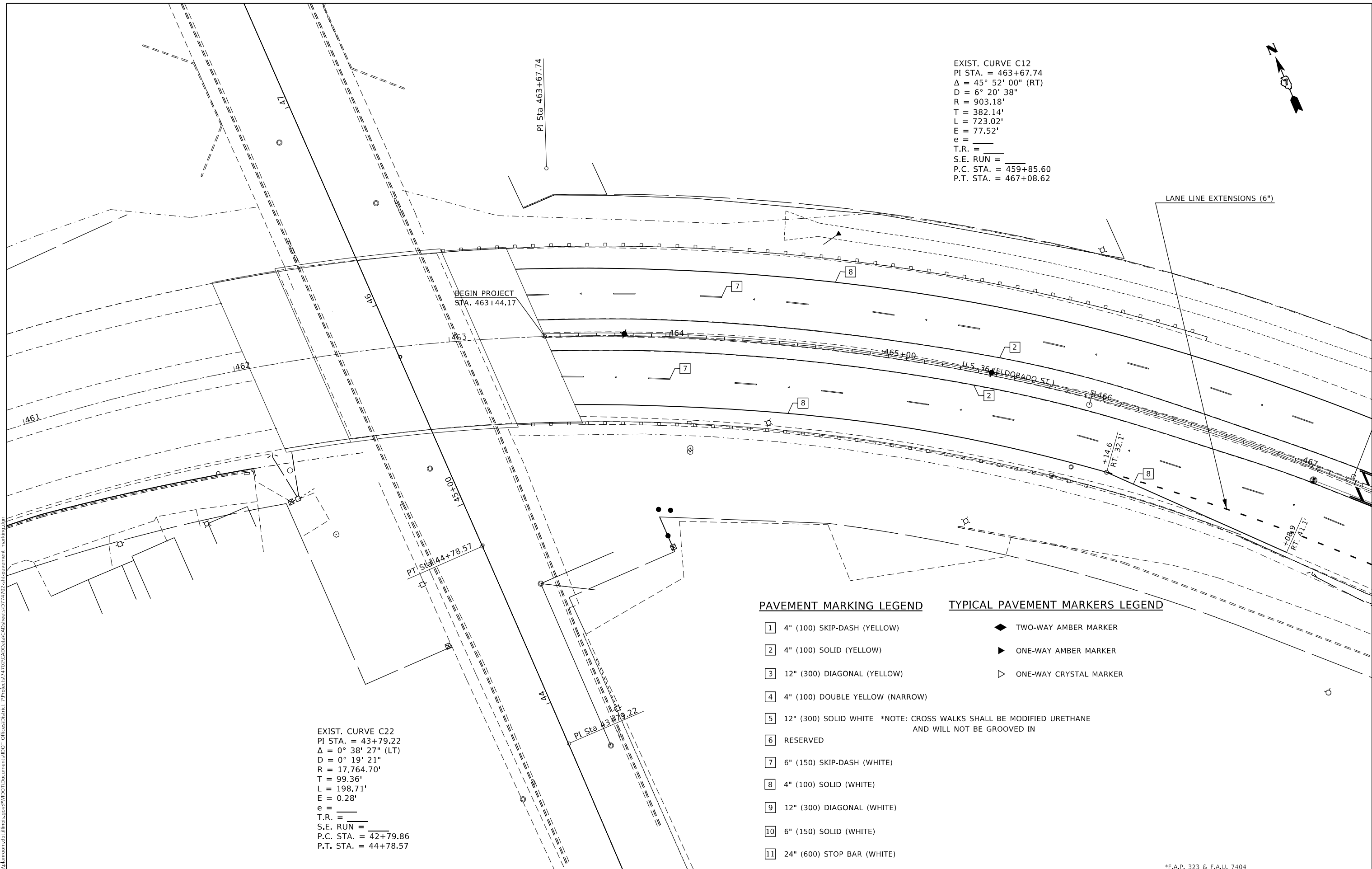
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(13Z, 13Z-1) R5-3	MACON	208	77
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

**CONTRACT NO. 74702**



EXIST. CURVE C12  
 PI STA. = 463+67.74  
 $\Delta = 45^\circ 52' 00''$  (RT)  
 $D = 6^\circ 20' 38''$   
 $R = 903.18'$   
 $T = 382.14'$   
 $L = 723.02'$   
 $E = 77.52'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 459+85.60$   
 $P.T. STA. = 467+08.62$

LANE LINE EXTENSIONS (6")



EXIST. CURVE C22  
 PI STA. = 43+79.22  
 $\Delta = 0^\circ 38' 27''$  (LT)  
 $D = 0^\circ 19' 21''$   
 $R = 17,764.70'$   
 $T = 99.36'$   
 $L = 198.71'$   
 $E = 0.28'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 42+79.86$   
 $P.T. STA. = 44+78.57$

**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 \*NOTE: CROSS WALKS SHALL BE MODIFIED URETHANE AND WILL NOT BE GROOVED IN
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

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

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DRAWN -	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING DETAILS</b>			
<b>U.S. 36</b>			
SCALE: 20	SHEET 1	OF 12 SHEETS	STA. 461+00.00 TO STA. 467+00.00

*F.A.P. 323 & F.A.U. 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(13Z, 13Z-1)RS-3	MACON	208	78
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



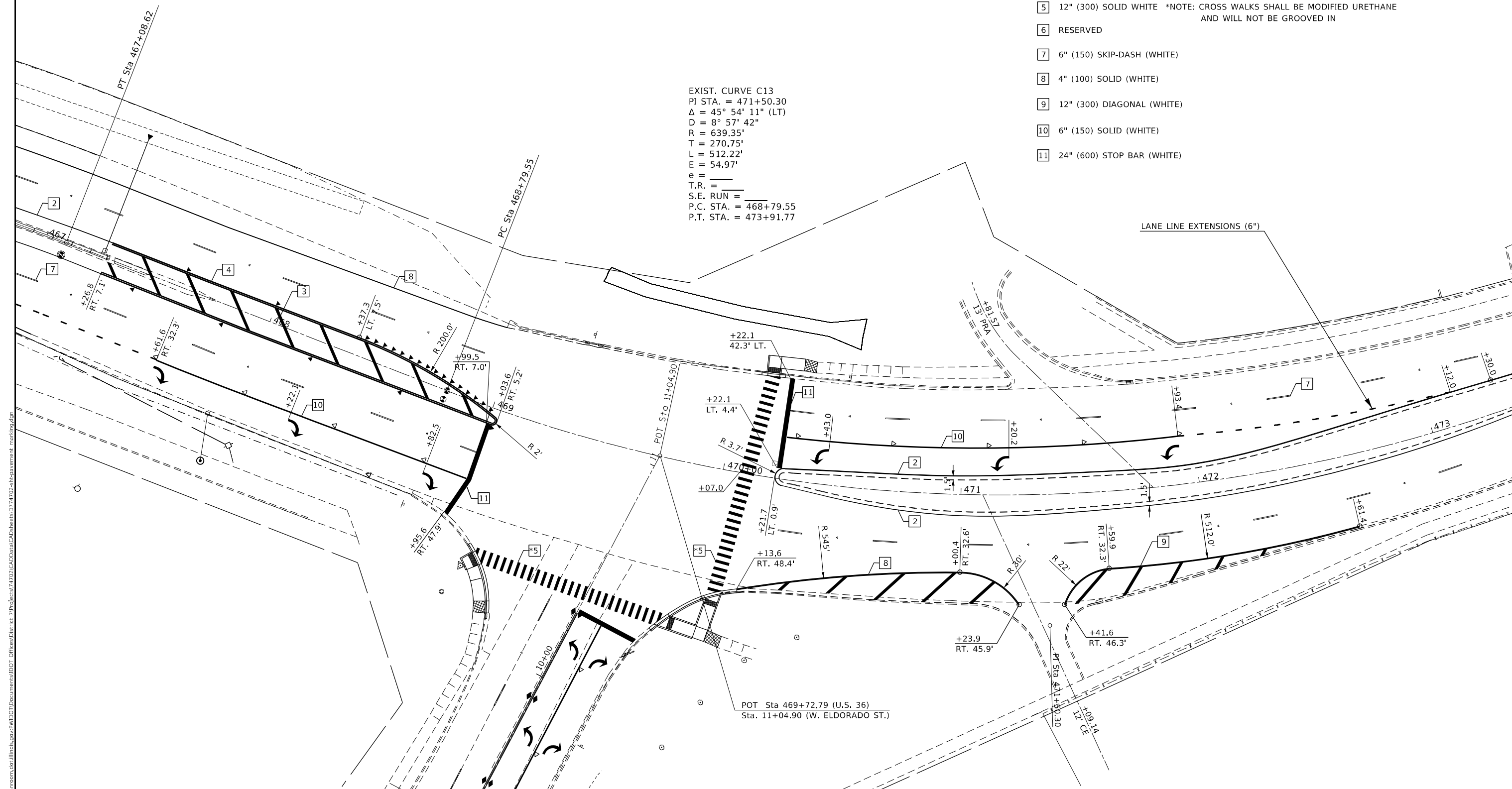
**PAVEMENT MARKING LEGEND**

- 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 \*NOTE: CROSS WALKS SHALL BE MODIFIED URETHANE AND WILL NOT BE GROOVED IN
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

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

EXIST. CURVE C13  
 PI STA. = 471+50.30  
 $\Delta = 45^\circ 54' 11''$  (LT)  
 $D = 8^\circ 57' 42''$   
 $R = 639.35'$   
 $T = 270.75'$   
 $L = 512.22'$   
 $E = 54.97'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 P.C. STA. = 468+79.55  
 P.T. STA. = 473+91.77



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

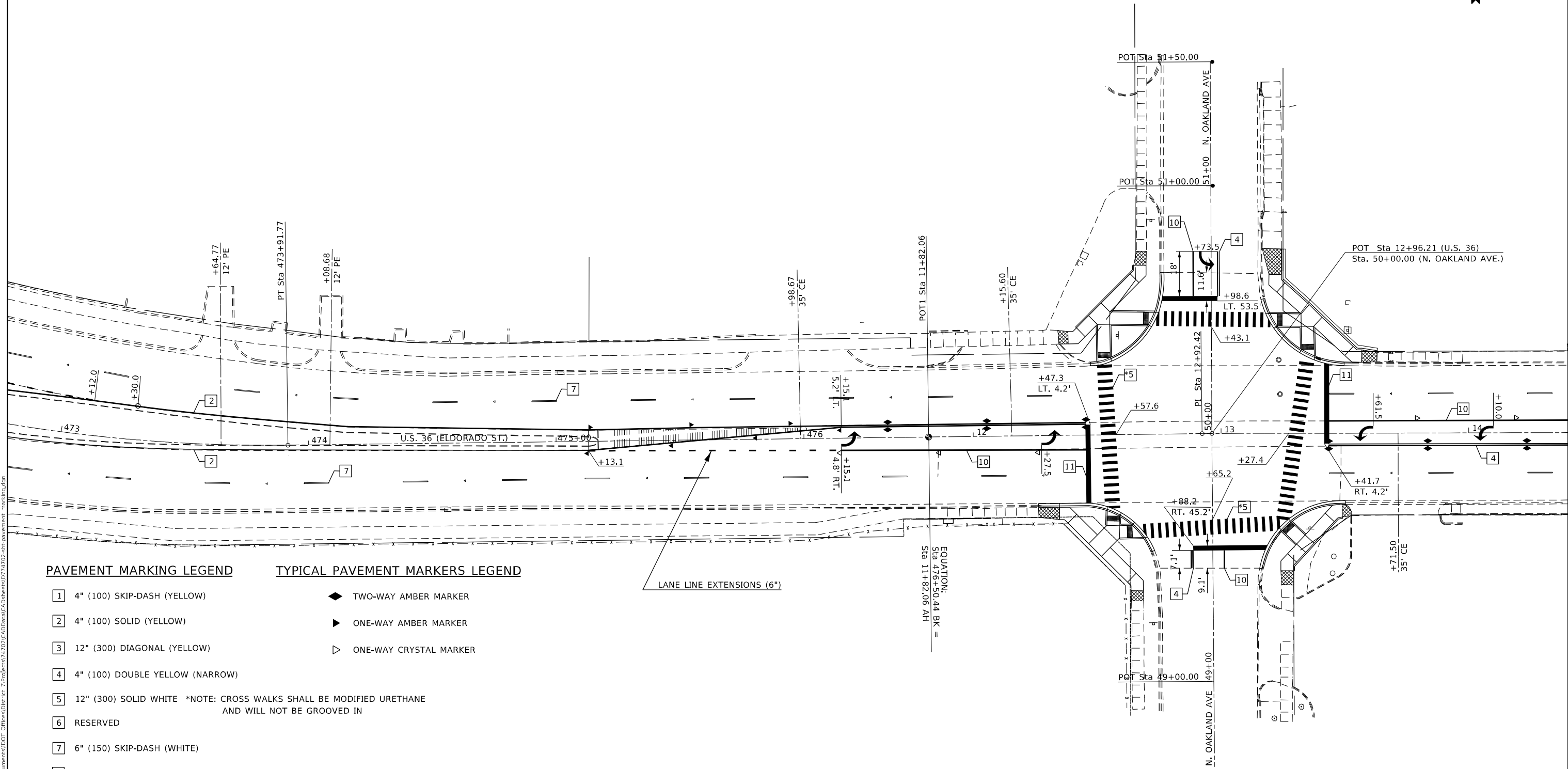
**PAVEMENT MARKING DETAILS  
U.S. 36**

SCALE: 20 SHEET 2 OF 12 SHEETS STA. 467+00.00 TO STA. 473+00.00

\*F.A.P. 323 & F.A.U. 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	79
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				





LANE LINE EXTENSIONS (6")

EQUATION:  
Sta 476+50.44 BK =  
Sta 11+82.06 AH

**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 \*NOTE: CROSS WALKS SHALL BE MODIFIED URETHANE AND WILL NOT BE GROOVED IN
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

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

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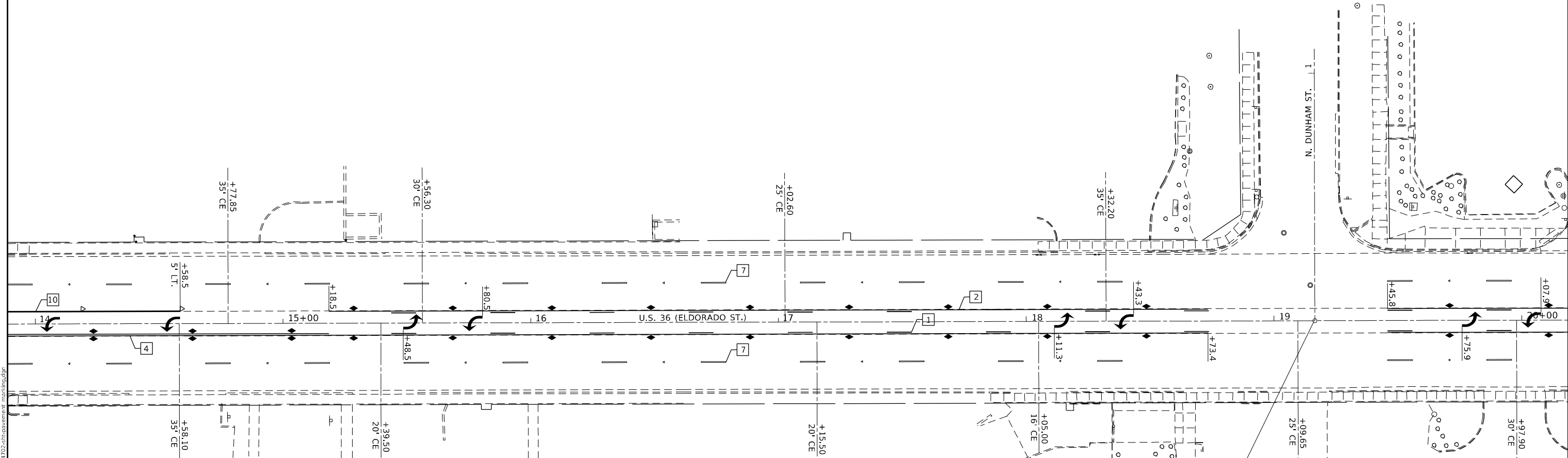
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS  
U.S. 36**

SCALE: 20 SHEET 3 OF 12 SHEETS STA. 473+00.00 TO STA. 14+00.00

F.A.P. 323 & F.A.U. 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	80
CONTRACT NO. 74702				
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 \*NOTE: CROSS WALKS SHALL BE MODIFIED URETHANE AND WILL NOT BE GROOVED IN
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

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

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS  
U.S. 36**

SCALE: 20 SHEET 4 OF 12 SHEETS STA. 14+00.00 TO STA. 20+00.00

F.A.P. 323 & F.A.U. 7404

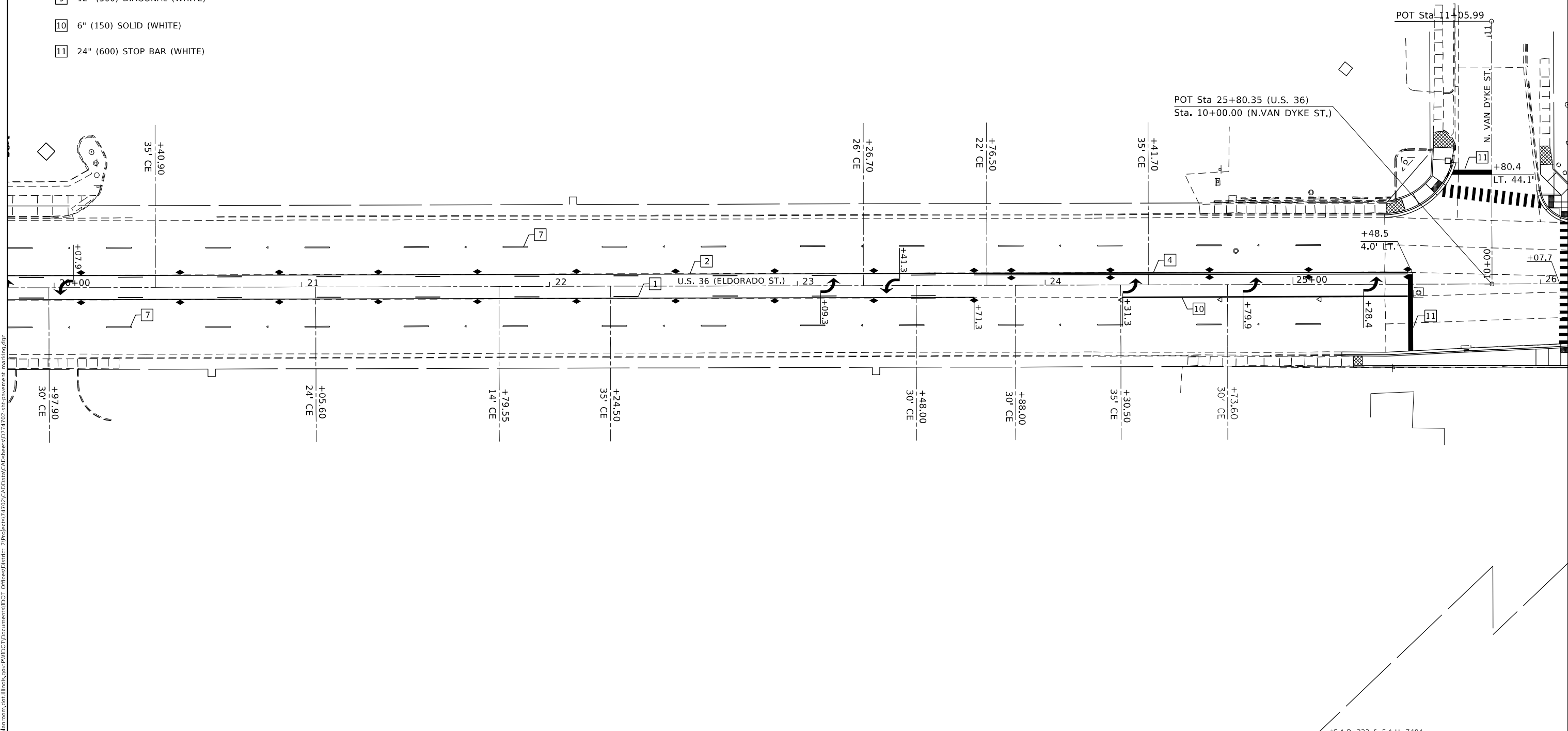
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*	(13Z, 13Z-1)RS-3	MACON	208	81
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

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 \*NOTE: CROSS WALKS SHALL BE MODIFIED URETHANE AND WILL NOT BE GROOVED IN
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)

TYPICAL PAVEMENT MARKERS LEGEND

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



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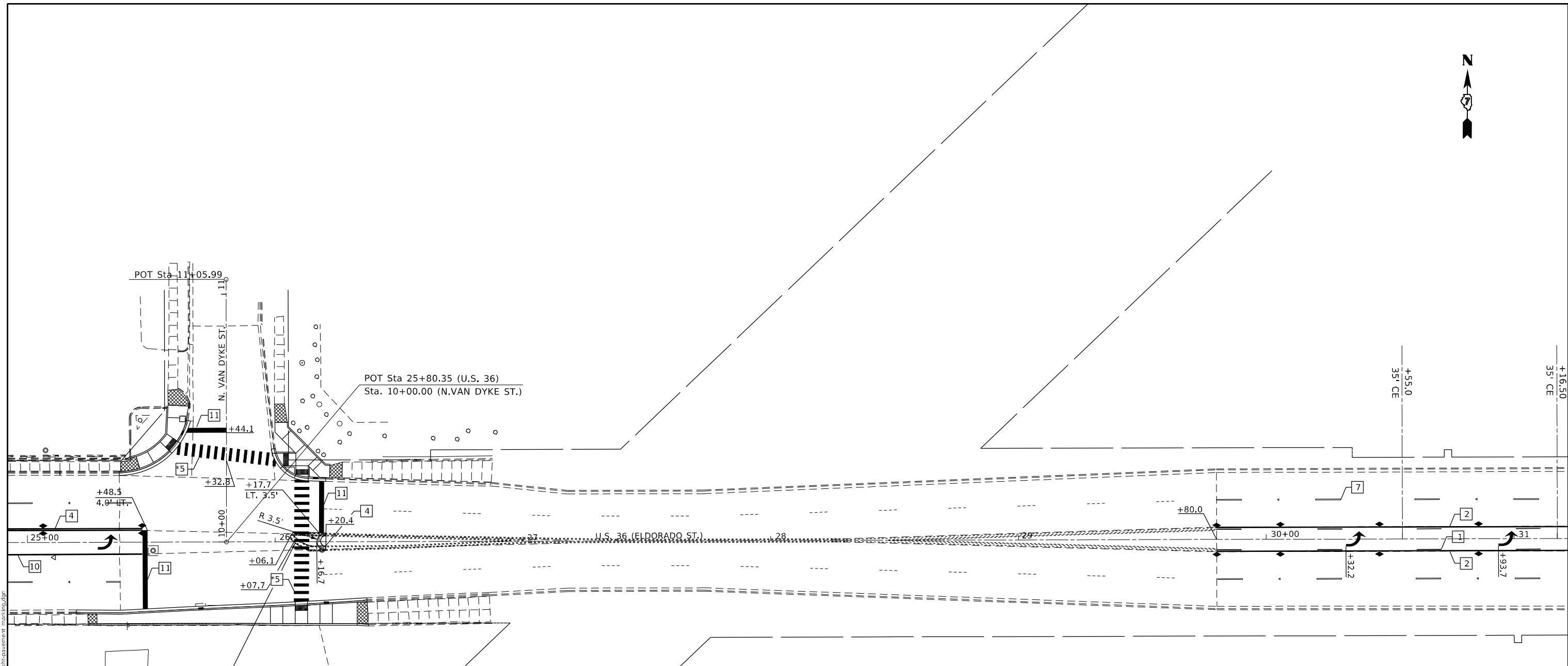
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS			
U.S. 36			
SCALE: 20	SHEET 5	OF 12 SHEETS	STA. 20+00.00 TO STA. 26+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	82
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

\*F.A.P. 323 & F.A.U. 7404



**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 \*NOTE: CROSS WALKS SHALL BE MODIFIED URETHANE AND WILL NOT BE GROOVED IN
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

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

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS			
U.S. 36			
SCALE: 20	SHEET 6	OF 12 SHEETS	STA. 25+00.00 TO STA. 31+00.00

\*F.A.P. 323 & F.A.U. 7404

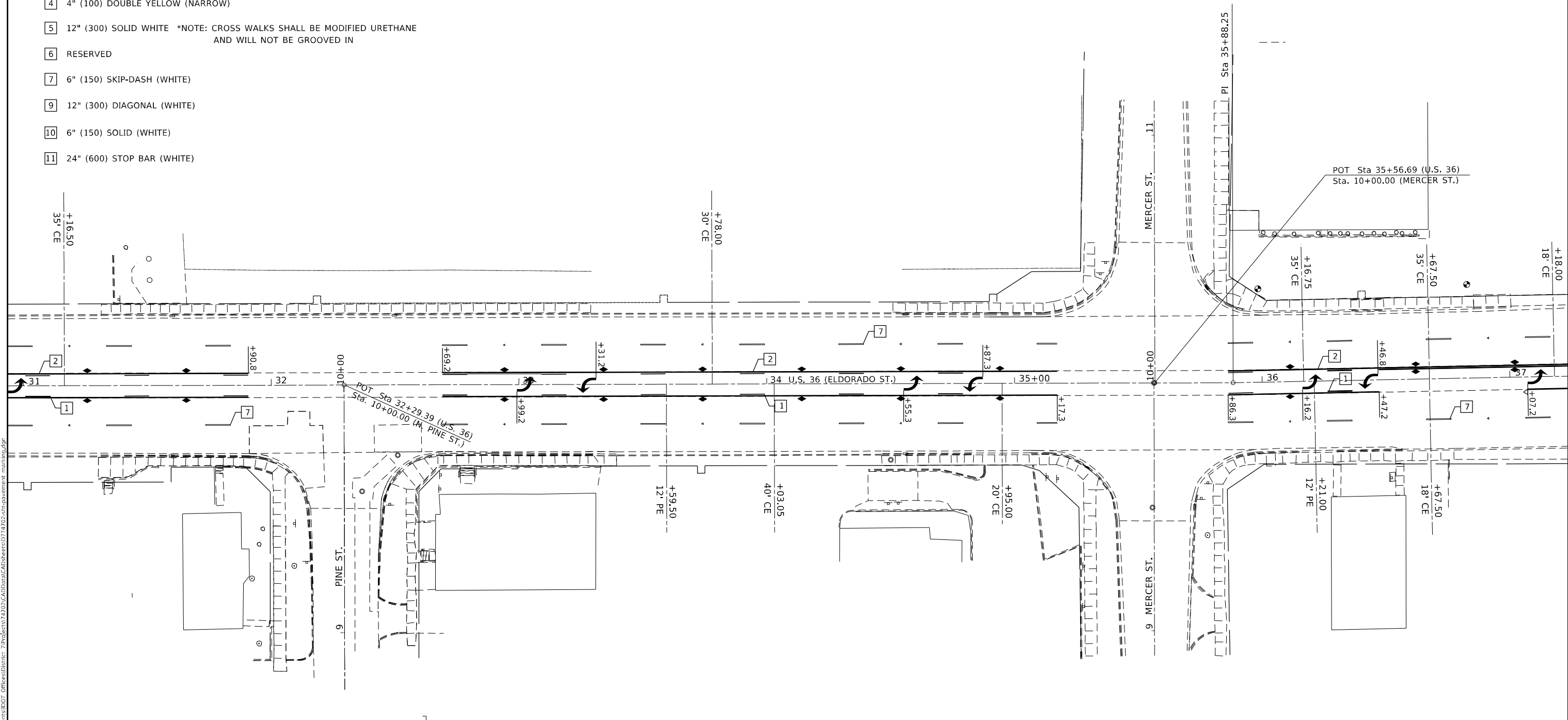
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*	(13Z, 13Z-1)RS-3	MACON	208	83
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

**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 \*NOTE: CROSS WALKS SHALL BE MODIFIED URETHANE AND WILL NOT BE GROOVED IN
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

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



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F.A.P. 323 & F.A.U. 7404

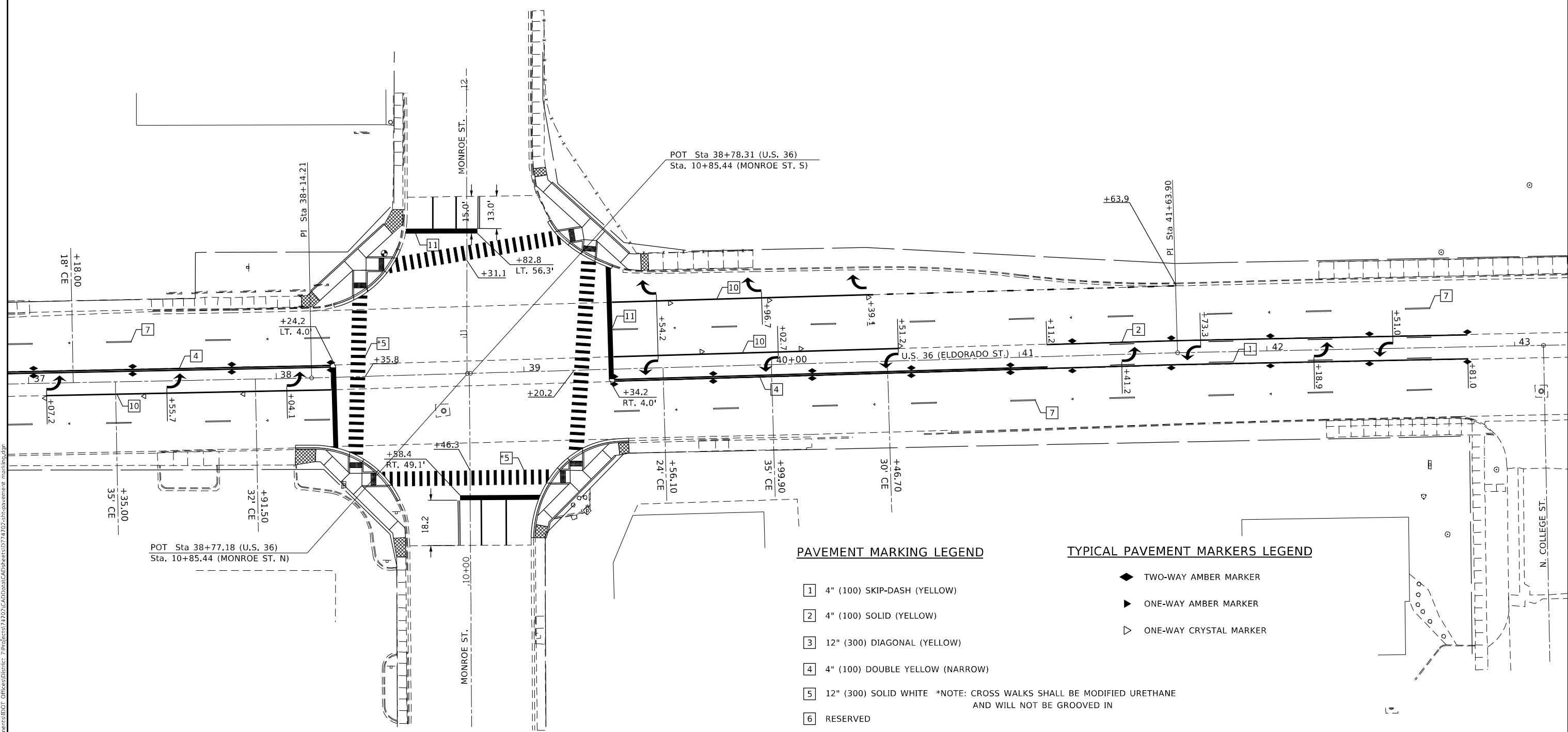
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS  
U.S. 36**

SCALE: 20 SHEET 7 OF 12 SHEETS STA. 31+00.00 TO STA. 37+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	84
CONTRACT NO. 74702				
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 \*NOTE: CROSS WALKS SHALL BE MODIFIED URETHANE AND WILL NOT BE GROOVED IN
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

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

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POT Sta 38+77.18 (U.S. 36)  
Sta. 10+85.44 (MONROE ST. N)

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS  
U.S. 36**

USER NAME = stefenmk	DESIGNED -	REVISED -
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PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

SCALE: 20 SHEET 8 OF 12 SHEETS STA. 37+00.00 TO STA. 43+00.00

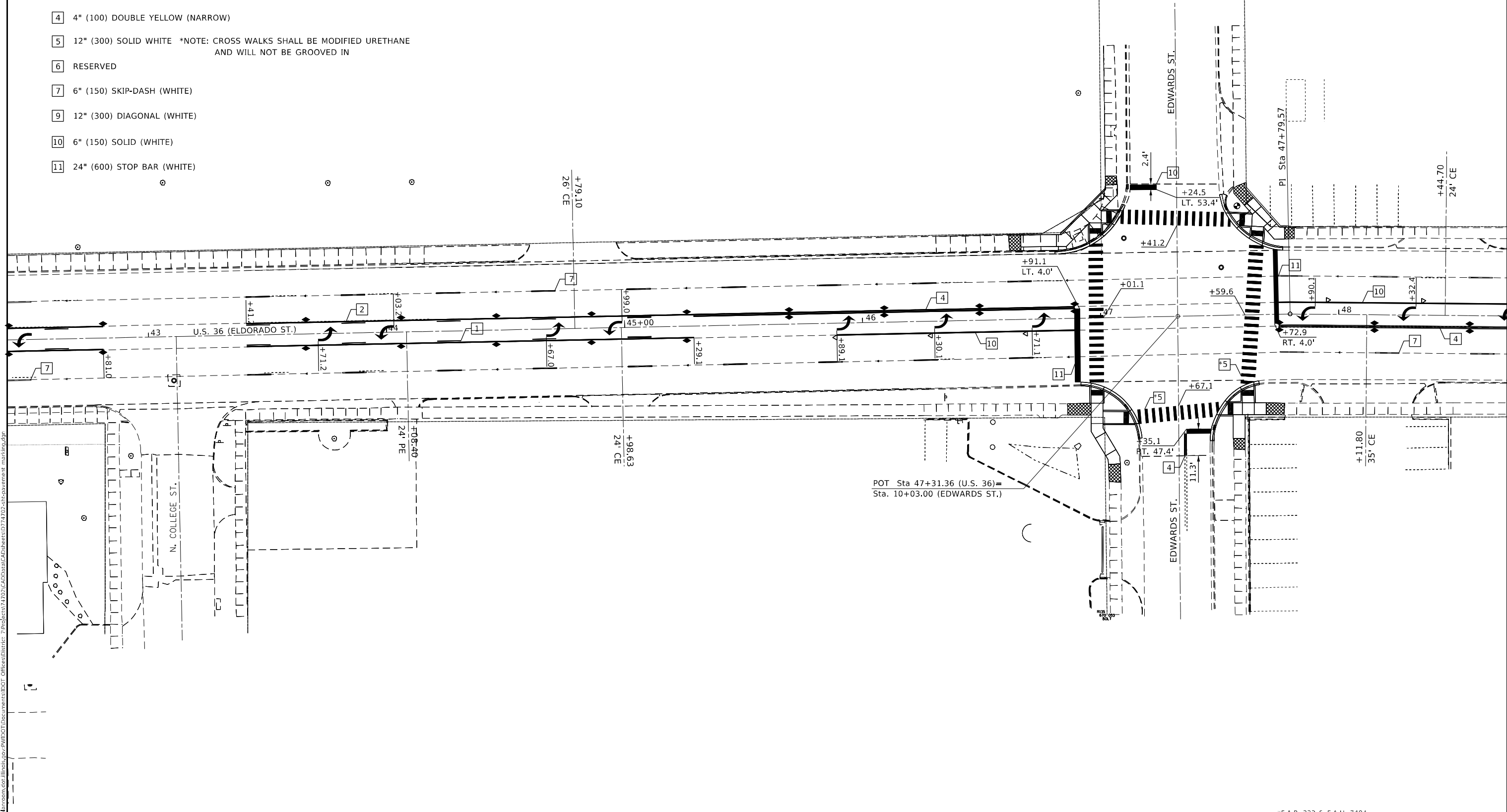
*F.A.P. 323 & F.A.U. 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			(13Z, 13Z-1)RS-3	MACON	208	85
				CONTRACT NO. 74702		
		ILLINOIS FED. AID PROJECT				

**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 \*NOTE: CROSS WALKS SHALL BE MODIFIED URETHANE AND WILL NOT BE GROOVED IN
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

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



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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING DETAILS</b>			
<b>U.S. 36</b>			
SCALE: 20	SHEET 9	OF 12 SHEETS	STA. 43+00.00 TO STA. 48+00.00

*F.A.P. 323 & F.A.U. 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(13Z, 13Z-1)RS-3	MACON	208	86
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

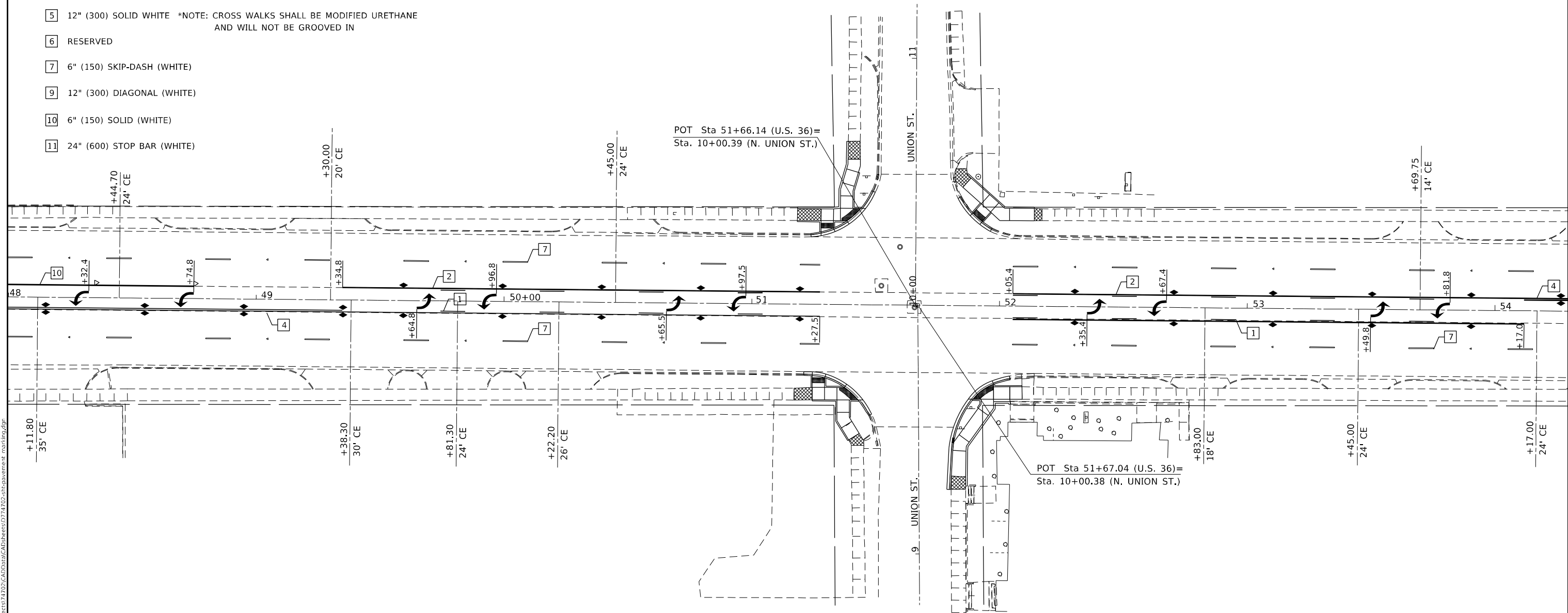


**PAVEMENT MARKING LEGEND**

- 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 \*NOTE: CROSS WALKS SHALL BE MODIFIED URETHANE AND WILL NOT BE GROOVED IN
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

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



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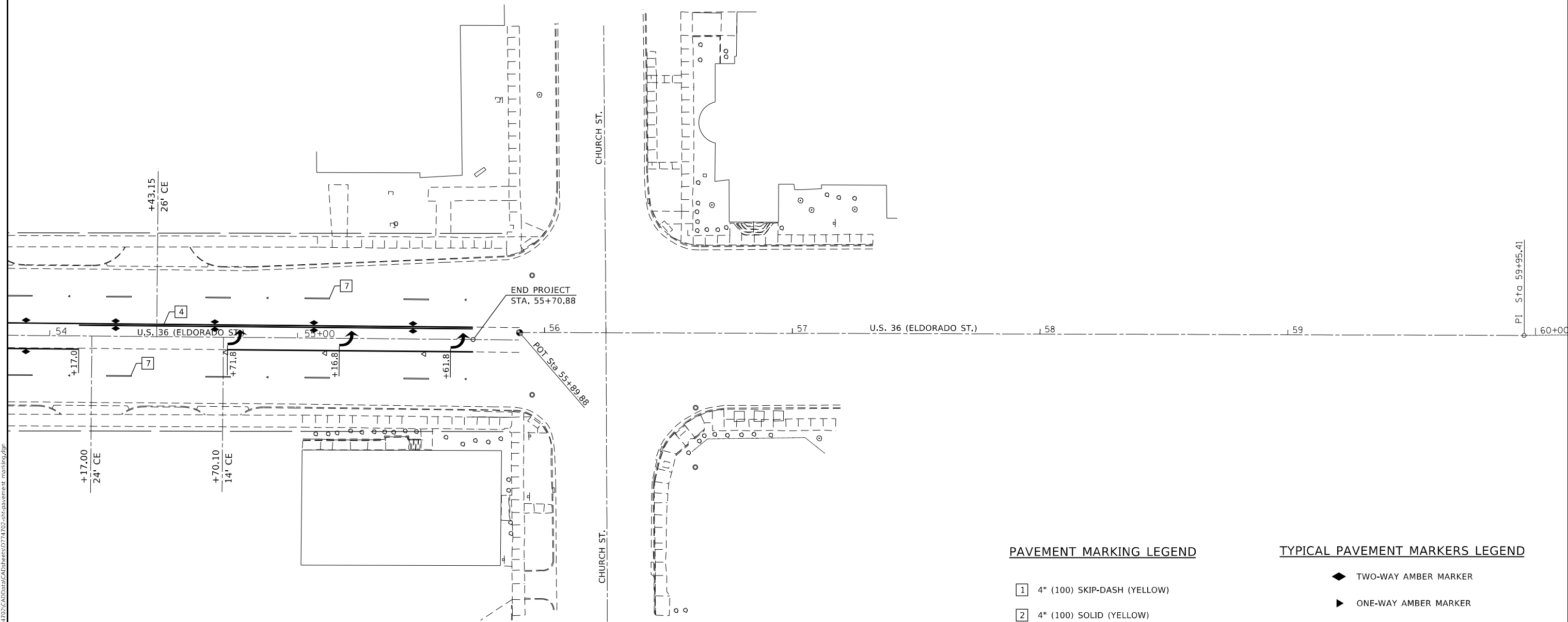
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS			
U.S. 36			
SCALE: 20	SHEET 10	OF 12 SHEETS	STA. 48+00.00 TO STA. 54+00.00

\*F.A.P. 323 & F.A.U. 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	87
CONTRACT NO. 74702				
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 \*NOTE: CROSS WALKS SHALL BE MODIFIED URETHANE AND WILL NOT BE GROOVED IN
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

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

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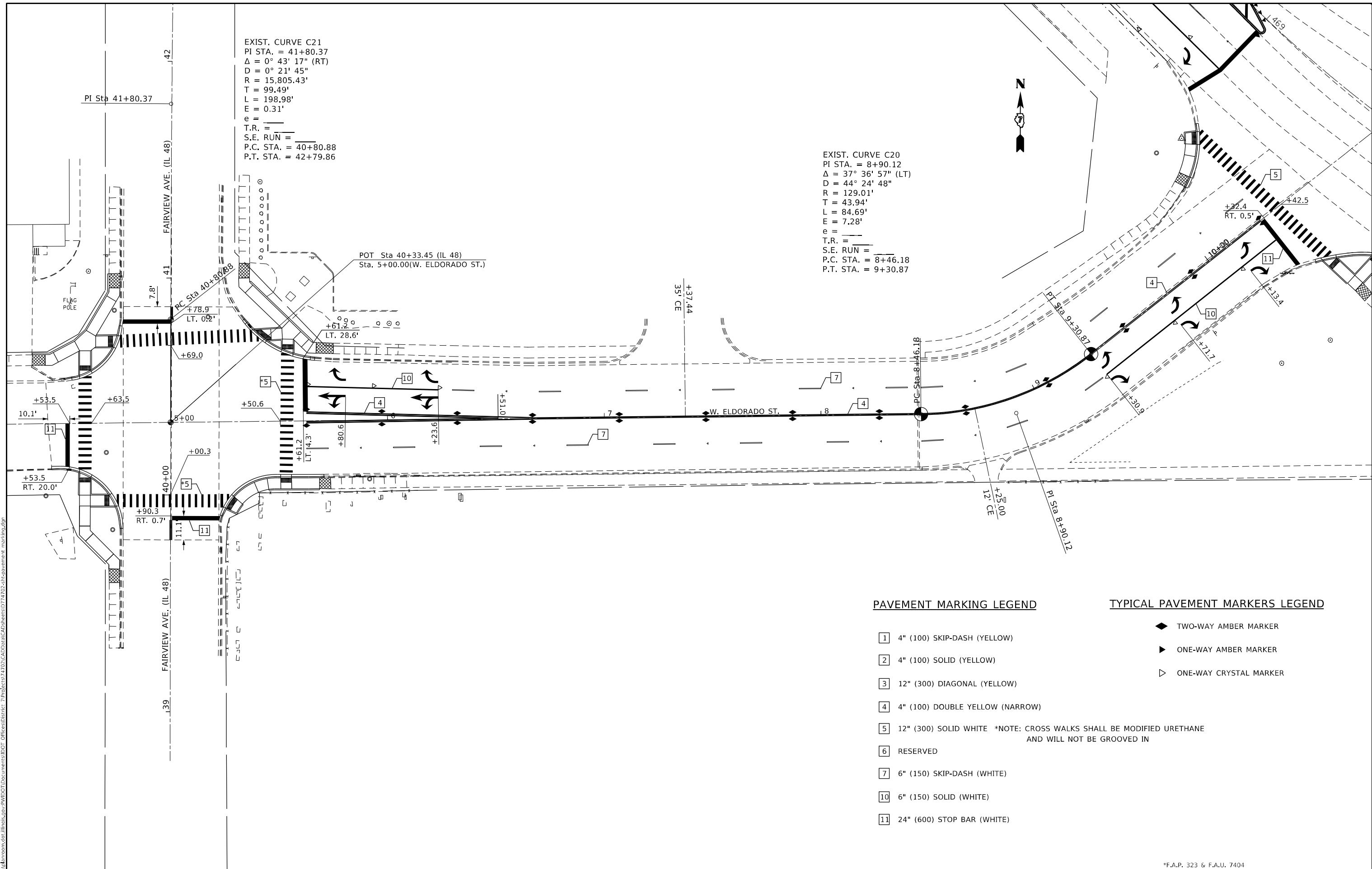
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	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS			
U.S. 36			
SCALE: 20	SHEET 11	OF 12 SHEETS	STA. 54+00.00 TO STA. 56+00.00

*F.A.P. 323 & F.A.U. 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13A, 13A-1)RS-3	MACON	208	88
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

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**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 \*NOTE: CROSS WALKS SHALL BE MODIFIED URETHANE AND WILL NOT BE GROOVED IN
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

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

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PLOT DATE = 2/11/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS**  
**W. ELDORADO ST.**

SCALE: 20 SHEET 12 OF 12 SHEETS STA. 04+00.00 TO STA. 10+58.49

\*F.A.P. 323 & F.A.U. 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	89
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL GENERAL NOTES

THIS TRAFFIC SIGNAL PORTION OF THIS PROJECT CONSISTS OF TRAFFIC SIGNAL MODERNIZATION AT 6 SEPARATE INTERSECTIONS ON ELDORADO STREET (US RTE 36)- (FAIRVIEW AVE, ELDORADO ST, OAKLAND AVE, VAN DYKE ST, MONROE ST AND EDWARDS ST) ALL IN THE CITY OF DECATUR, MACON COUNTY. THE WORK INCLUDED IN THIS SECTION CONSISTS OF INSTALLING TRAFFIC SIGNALS AND ALL OTHER WORK NECESSARY TO COMPLETE THIS PORTION OF THIS PROJECT.

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

THE TRAFFIC SIGNAL ENGINEER AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION JOSH PORTER SHALL BE NOTIFIED AT 217-342-5677 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNIT AND 48 HOURS PRIOR TO ANY SIGNAL ADJUSTMENTS.

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

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

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

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

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

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

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

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

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

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

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

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

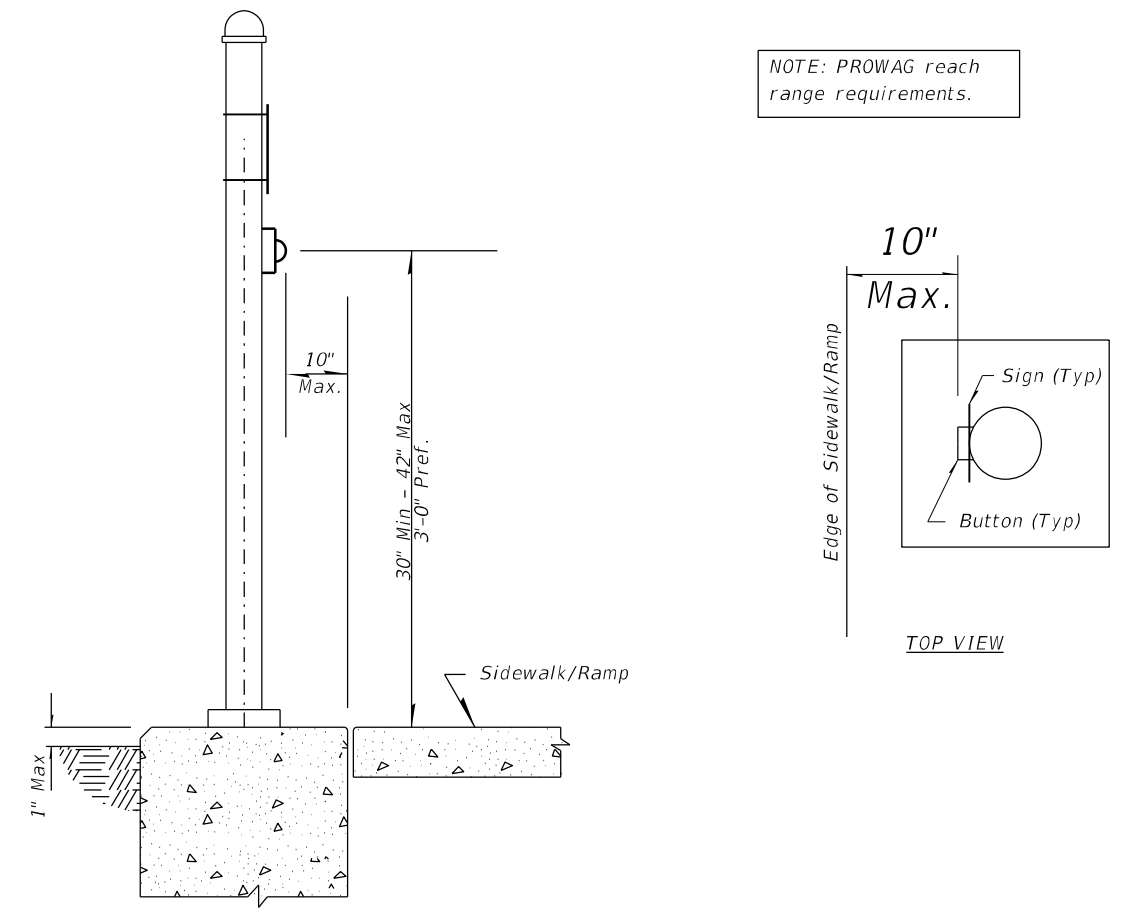
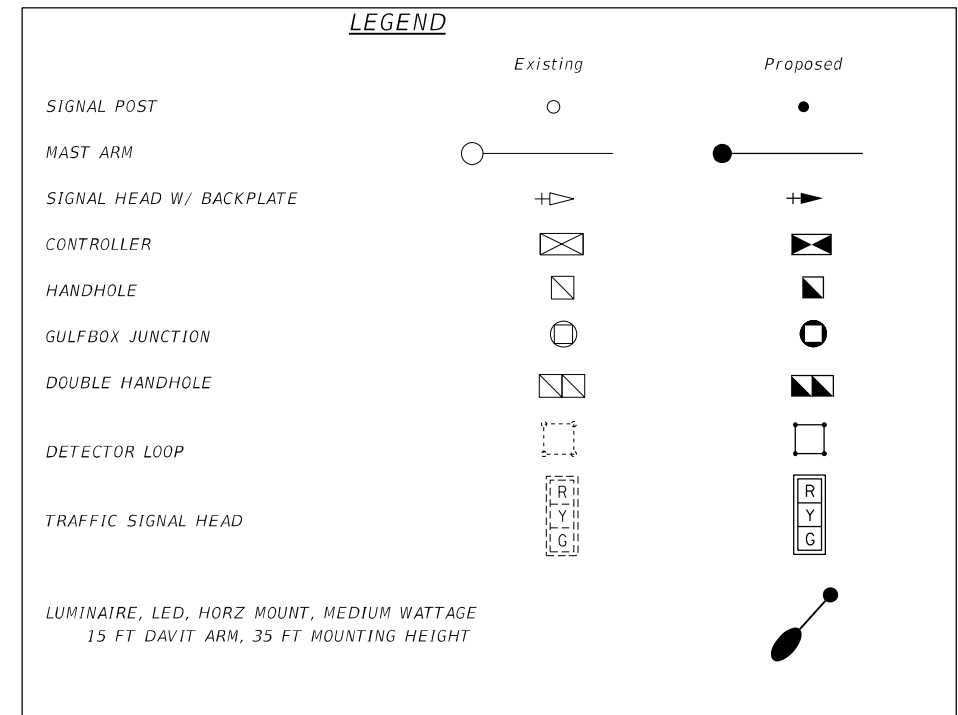
ALL TRAFFIC SIGNAL MAST ARM ASSEMBLIES (STANDARD, COMBINATION, OR DUAL) MUST BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

THE STATION AND OFFSET SHOWN FOR THE ITEMS TO BE INSTALLED IS THE STATION AND DISTANCE TO THE CENTER OF THE ITEM.

NUMBER OF TURNS REQUIRED IN DETECTOR LOOPS

6 X 6		6 X 30		6 X 40		LOOP SIZE
		0	491	0	627	2 TURNS
		492	982	628	1255	3 TURNS
0	545	983	1636	1256	2091	4 TURNS
546	818	1637	2455	2092	3136	5 TURNS
819	1145	2456	3436			6 TURNS
1146	1527					7 TURNS
1528	1964					8 TURNS
1965	2455					9 TURNS
2456	3000					10 TURNS

Distance from the Controller Cabinet



PEDESTRIAN PUSH-BUTTON LOCATION

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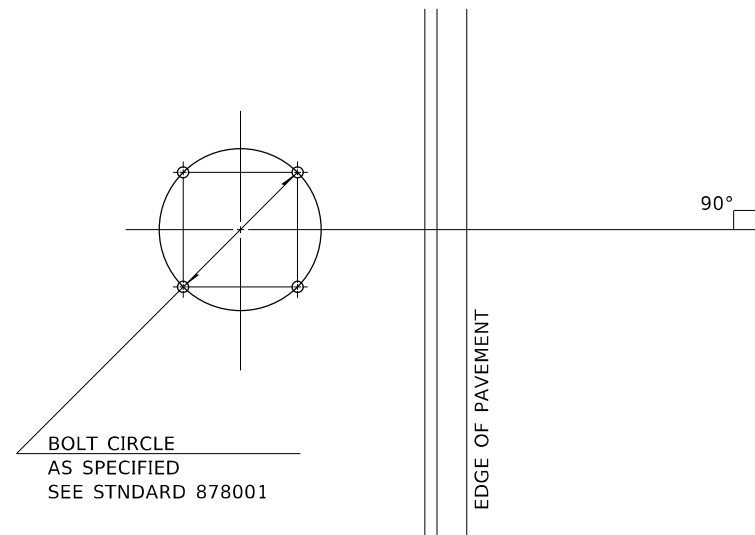
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INTERSECTIONS  
GENERAL NOTES & DETAILS**

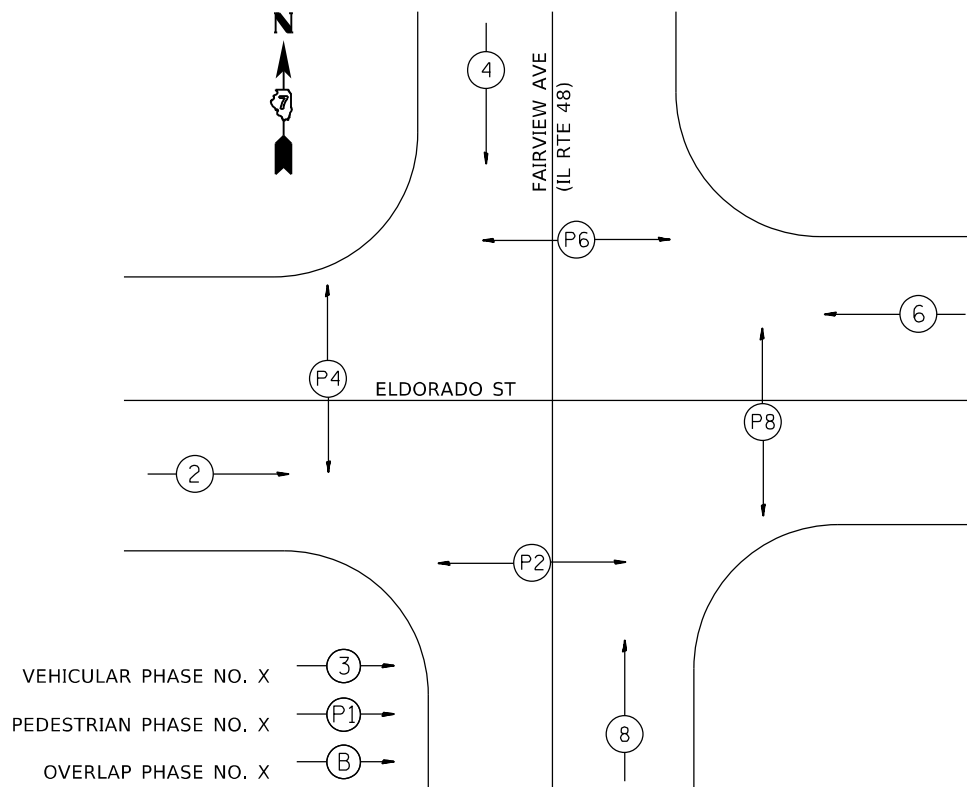
SCALE: NA SHEET 1 OF 11 SHEETS STA. TO STA.

\*F.A.P. 323 & F.A.U. 7404

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	90
CONTRACT NO. 74702				
ILLINOIS		FED. AID PROJECT		

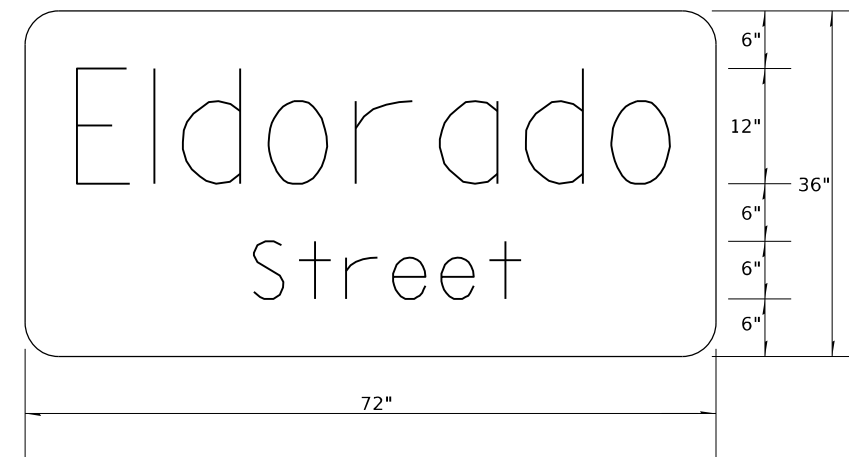


**DETAIL OF MAST ARM FOUNDATION  
BOLT PATTERN**



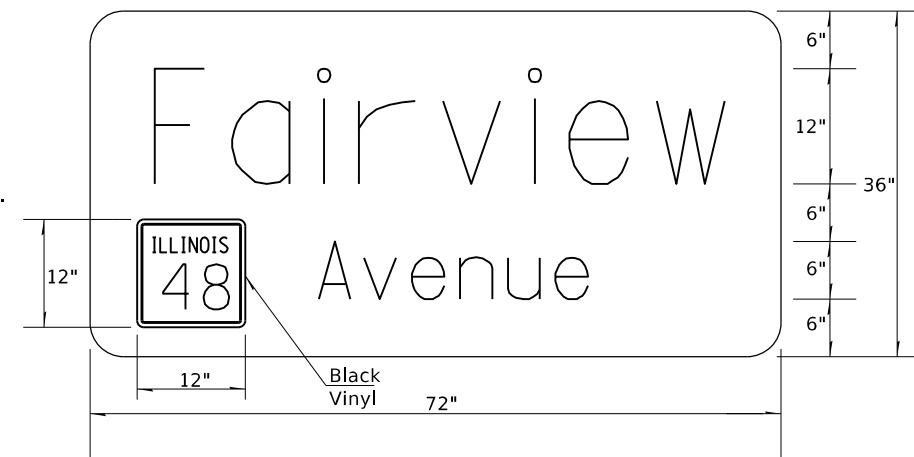
**PHASE DESIGNATION DIAGRAM**

1. SIGN SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.
2. AP SHEETING.
3. UPPER/LOWER CASE LETTERS, HIGHWAY D.



TO BE INSTALLED ON NORTHBOUND MAST ARM (STA 40+81 43' RT)  
TO BE INSTALLED ON SOUTHBOUND MAST ARM (STA 39+92.8 33.9' LT)

1. SIGN SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.
2. AP SHEETING.
3. UPPER/LOWER CASE LETTERS, HIGHWAY D.



TO BE INSTALLED ON WESTBOUND MAST ARM (STA 4+50 27' LT)  
TO BE INSTALLED ON EASTBOUND MAST ARM (EX MA IN SE QUAD)

**SIGN PANEL DETAILS**

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	PLOT DATE = 12/27/2021		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF W ELDORADO ST & N FAIRVIEW AVE  
DETAILS**

SCALE: NA SHEET 2 OF 11 SHEETS STA. TO STA.

\*F.A.P. 323 & F.A.U. 7404

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(13Z,13Z-1)RS-3	MACON	208	91
CONTRACT NO. 74702				
ILLINOIS		FED. AID PROJECT		

IL RTE 48 (FAIRVIEW AVE) & ELDORADO ST-BILL OF MATERIALS

ITEM	UNIT	QUANTITY
SIGN PANEL-TYPE 1	SO FT	0
SIGN PANEL-TYPE 2	SO FT	72
UNDERGROUND CONDUIT, PVC 3/4" DIA.	FOOT	43
UNDERGROUND CONDUIT, PVC 1" DIA.	FOOT	132
UNDERGROUND CONDUIT, PVC 1 1/2" DIA.	FOOT	103
UNDERGROUND CONDUIT, PVC 2" DIA.	FOOT	58
UNDERGROUND CONDUIT, PVC 4" DIA.	FOOT	227
UNDERGROUND CONDUIT, PVC 5" DIA.	FOOT	3
HANDHOLE	EACH	3
DOUBLE HANDHOLE	EACH	1
GULFBOX JUNCTION	EACH	3
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 3C	FOOT	986
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 5C	FOOT	2293
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 7C	FOOT	241
ELECTRIC CABLE IN CONDUIT, LEAD-IN NO 14 1 PAIR	FOOT	1622
ELECTRIC CABLE IN CONDUIT, SERVICE, NO 6 2C	FOOT	18
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	467
TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT	EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT	EACH	2
PEDESTRIAN PUSH BUTTON POST	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 18 FT	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE D	FOOT	3.5
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	37
DRILL EXISTING HANDHOLE	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION,MAST ARM MOUNTED	EACH	8
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION,BRACKET MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE,LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE,LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	16
INDUCTIVE LOOP DETECTOR	EACH	12
DETECTOR LOOP, TYPE 1	FOOT	884
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING SERVICE INSTALLATION	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	444
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	3
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8

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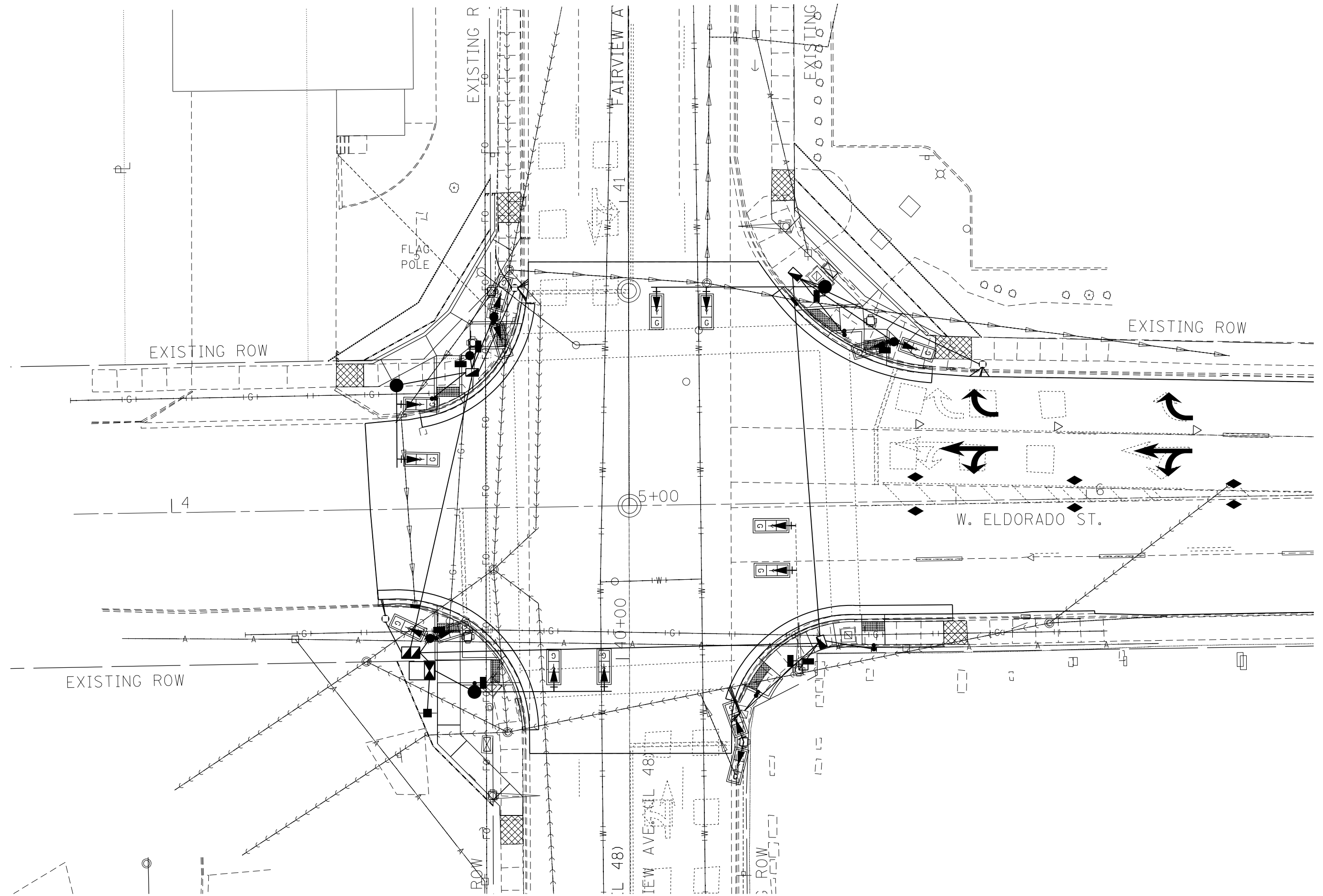
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF W ELDORADO ST & N FAIRVIEW AVE  
BILL OF MATERIALS**

SCALE: NA SHEET 3 OF 11 SHEETS STA. TO STA.

\*F.A.P. 323 & F.A.U. 7404

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	92
			CONTRACT NO. 74702	
		ILLINOIS	FED. AID PROJECT	



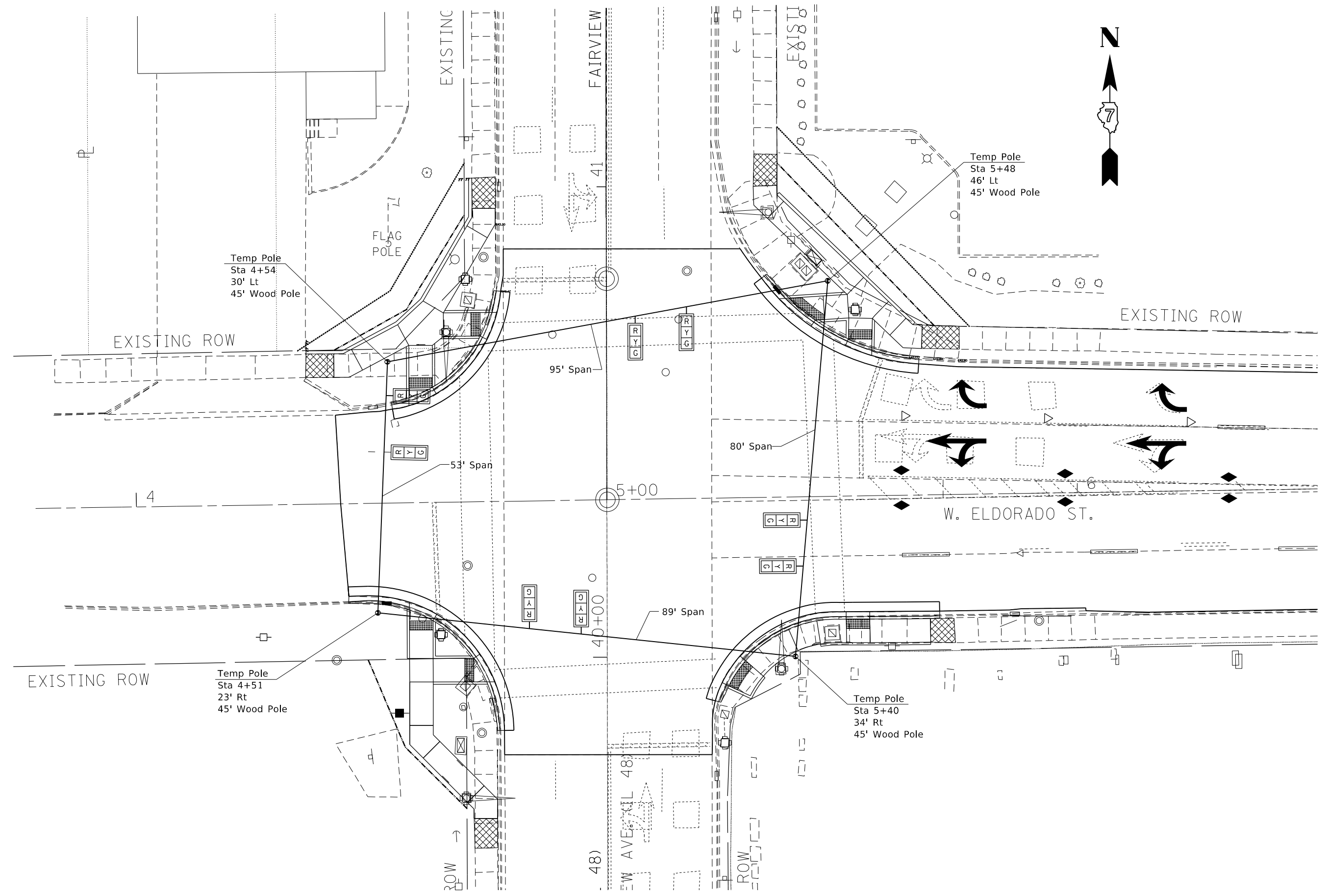
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	PLOT DATE = 12/27/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF W ELDORADO AT & N FAIRVIEW AVE  
EXISTING UTILITY LAYOUT**

SCALE: NA      SHEET 4 OF 11 SHEETS      STA.      TO STA.

*F.A.P. 323 & F.A.U. 7404		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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					CONTRACT NO. 74702	
		ILLINOIS		FED. AID PROJECT		



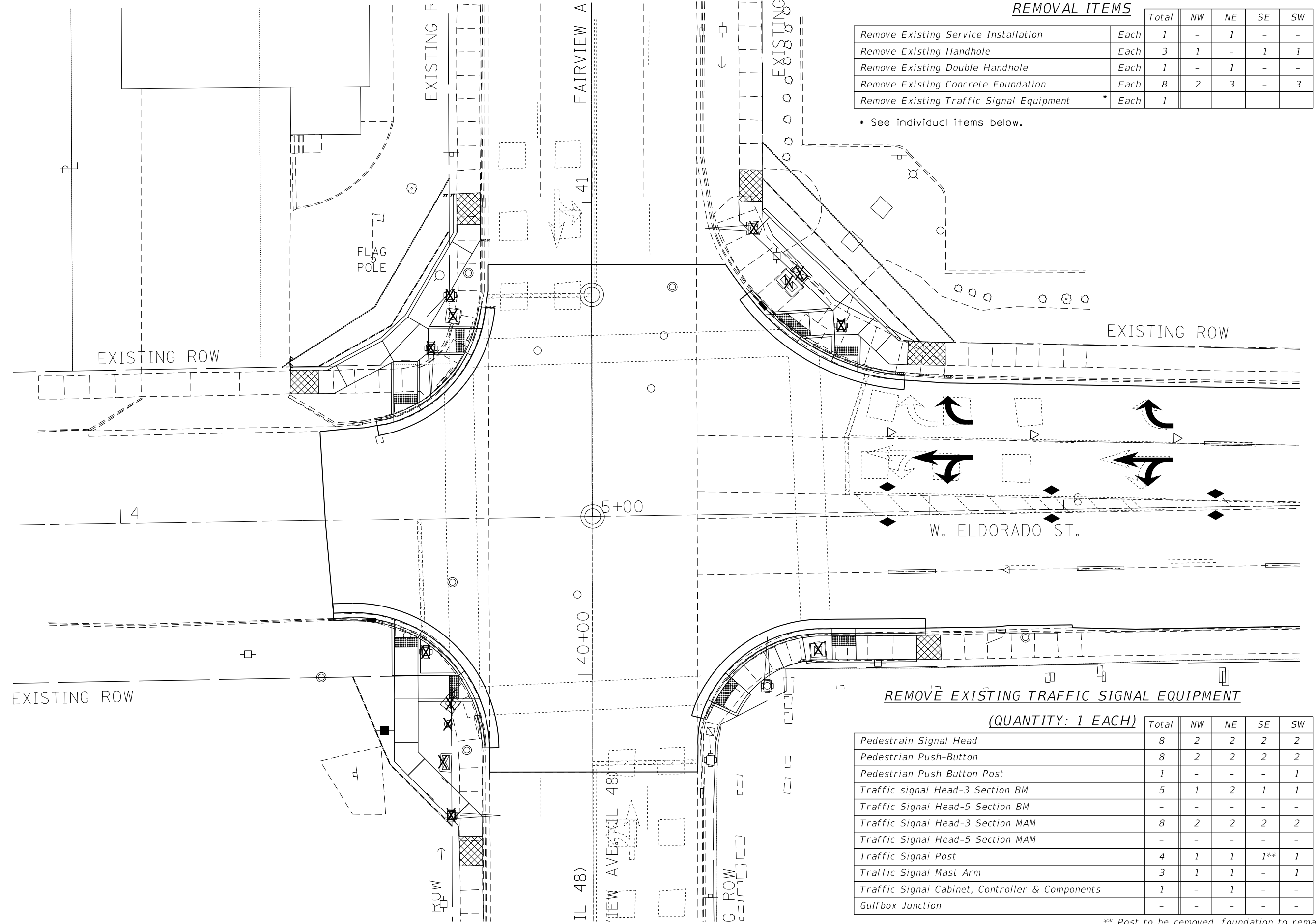
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Default	PLOT DATE = 12/27/2021		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF W ELDORADO ST & N FAIRVIEW AVE  
TEMPORARY SIGNALS**

SCALE: NA    SHEET 5 OF 11 SHEETS    STA.    TO STA.

*F.A.P. 323 & F.A.U. 7404		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			(13Z,13Z-1)RS-3	MACON	208	94
					CONTRACT NO. 74702	
		ILLINOIS		FED. AID PROJECT		



**REMOVAL ITEMS**

	Total	NW	NE	SE	SW
Remove Existing Service Installation	Each 1	-	1	-	-
Remove Existing Handhole	Each 3	1	-	1	1
Remove Existing Double Handhole	Each 1	-	1	-	-
Remove Existing Concrete Foundation	Each 8	2	3	-	3
Remove Existing Traffic Signal Equipment	Each 1				

• See individual items below.

**REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT**

(QUANTITY: 1 EACH)

	Total	NW	NE	SE	SW
Pedestrian Signal Head	8	2	2	2	2
Pedestrian Push-Button	8	2	2	2	2
Pedestrian Push Button Post	1	-	-	-	1
Traffic signal Head-3 Section BM	5	1	2	1	1
Traffic Signal Head-5 Section BM	-	-	-	-	-
Traffic Signal Head-3 Section MAM	8	2	2	2	2
Traffic Signal Head-5 Section MAM	-	-	-	-	-
Traffic Signal Post	4	1	1	1**	1
Traffic Signal Mast Arm	3	1	1	-	1
Traffic Signal Cabinet, Controller & Components	1	-	1	-	-
Gulfbox Junction	-	-	-	-	-

\*\* Post to be removed, foundation to remain  
\*E.A.P. 323 & E.A.U. 7404

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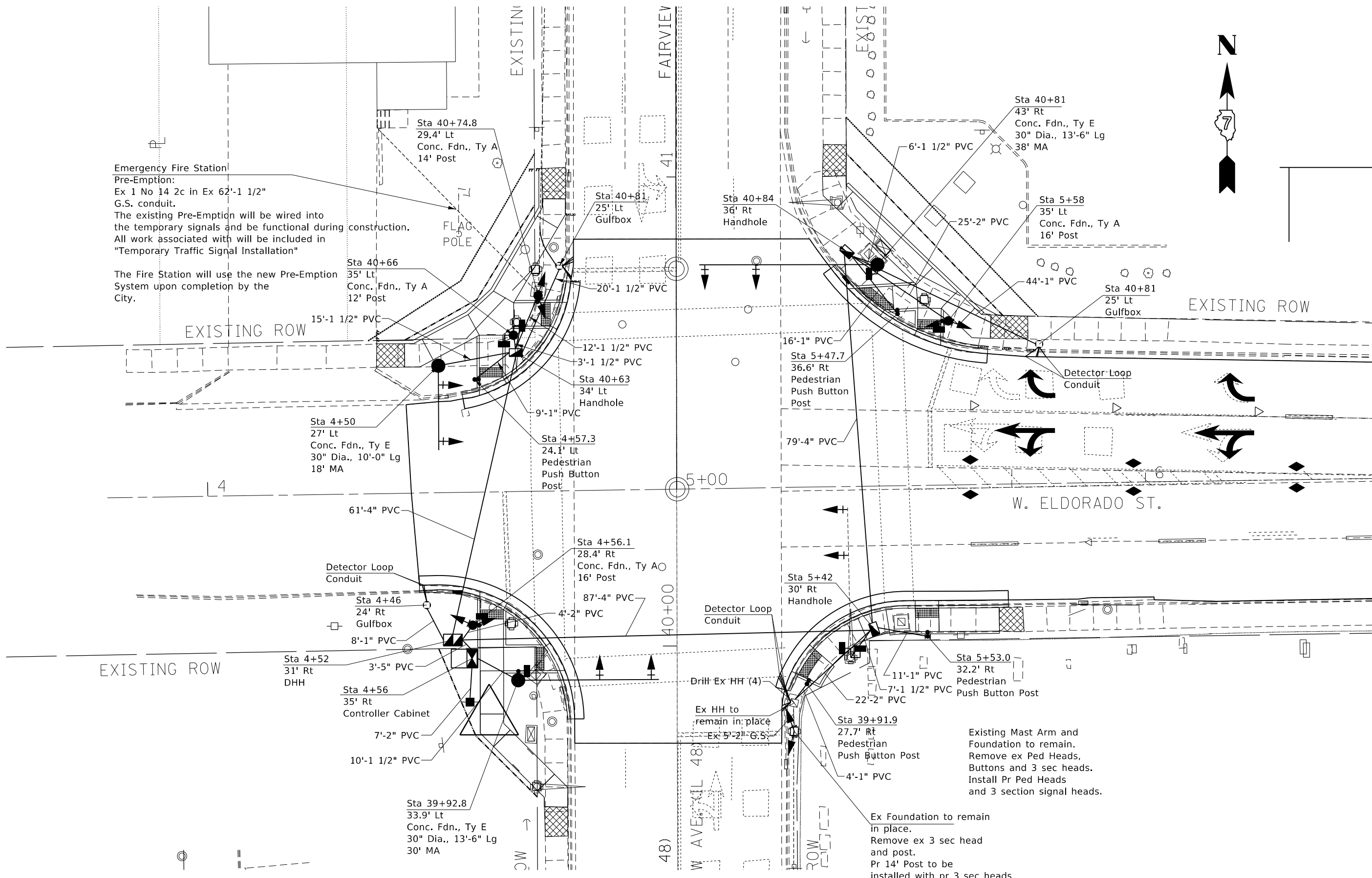
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF W ELDORADO ST & N FAIRVIEW AVE  
REMOVAL ITEMS**

SCALE: NA SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(13Z,13Z-1)RS-3	MACON	208	95
			CONTRACT NO. 74702	
		ILLINOIS	FED. AID PROJECT	





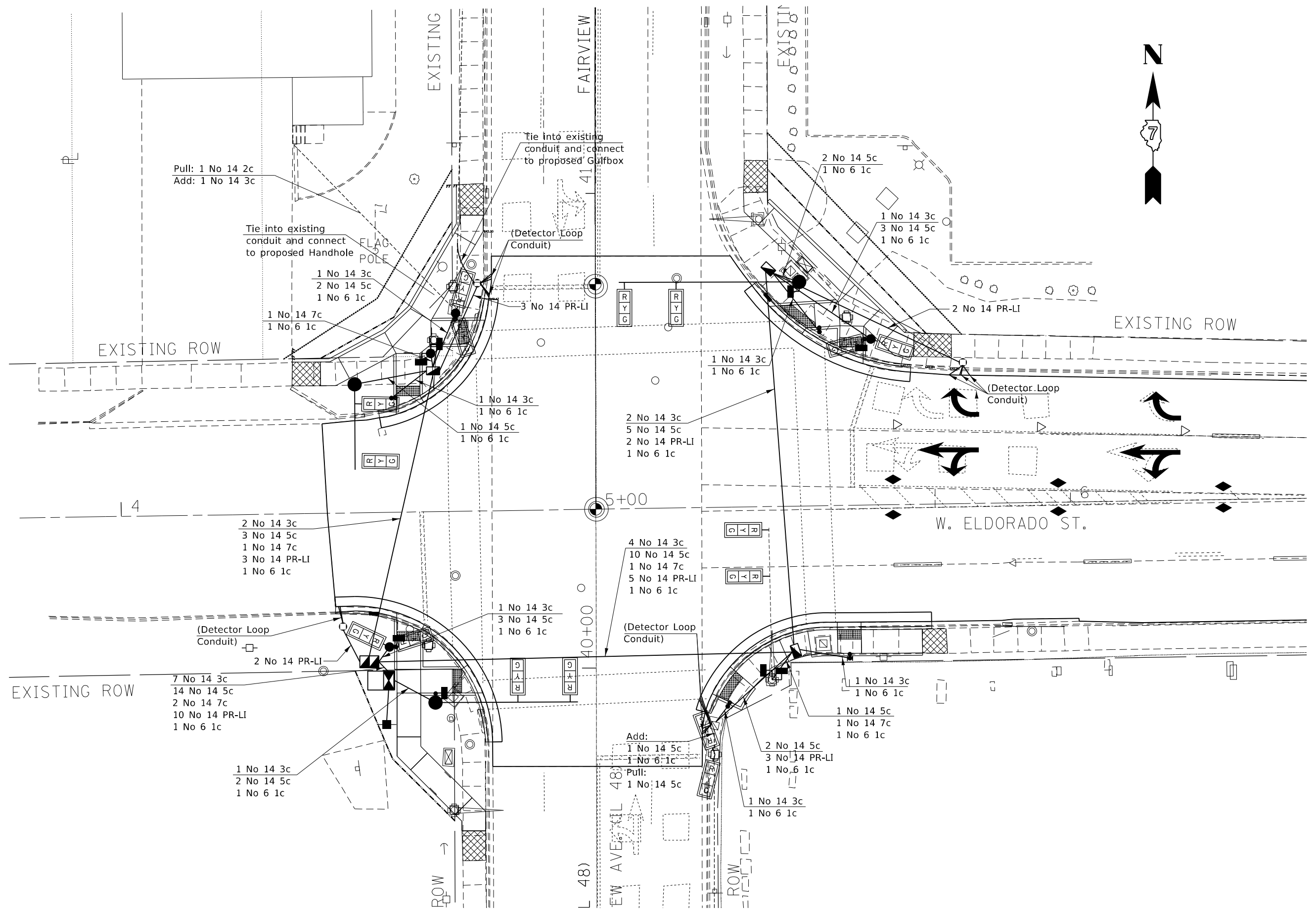
Emergency Fire Station  
Pre-Emption:  
Ex 1 No 14 2c in Ex 62'-1 1/2"  
G.S. conduit.  
The existing Pre-Emption will be wired into the temporary signals and be functional during construction. All work associated with will be included in "Temporary Traffic Signal Installation"

The Fire Station will use the new Pre-Emption System upon completion by the City.

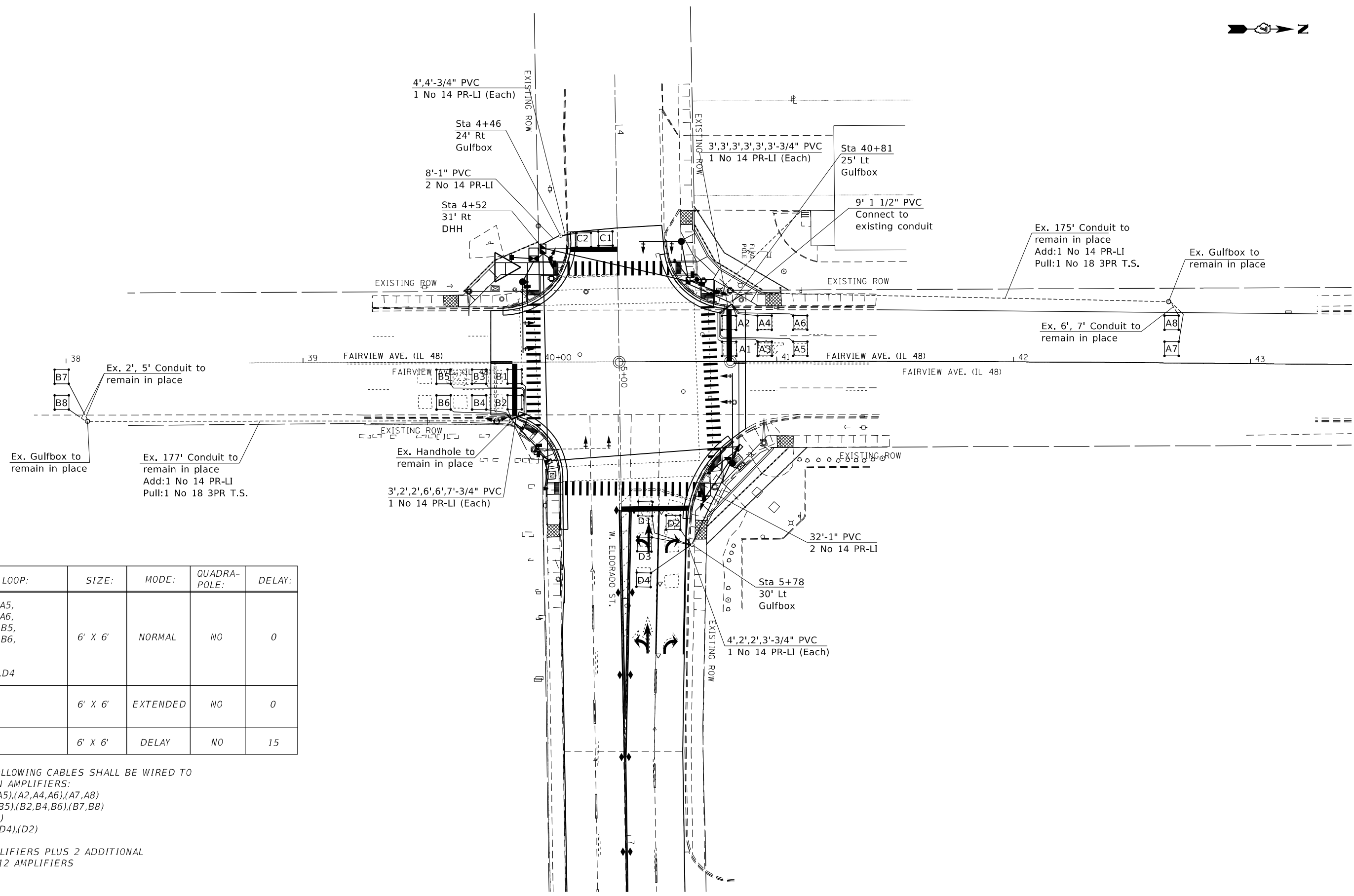
Existing Mast Arm and Foundation to remain. Remove ex Ped Heads, Buttons and 3 sec heads. Install Pr Ped Heads and 3 section signal heads.

Ex Foundation to remain in place. Remove ex 3 sec head and post. Pr 14' Post to be installed with pr 3 sec heads.

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION OF W ELDORADO ST &amp; N FAIRVIEW AVE SIGNAL LAYOUT</b>			*F.A.P. 323 & F.A.U. 7404						
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Default		DATE -	REVISED -							(13Z,13Z-1)RS-3	MACON	208	96	
	PLOT SCALE = 20.0000' / in.													CONTRACT NO. 74702



FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION OF W ELDORADO ST &amp; N FAIRVIEW AVE CABLE LAYOUT</b>		*F.A.P. 323 & F.A.U. 7404		
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PLOT DATE = 12/27/2021		DATE -	REVISED -		SCALE: NA SHEET 8 OF 11 SHEETS STA. TO STA.		CONTRACT NO. 74702		
						ILLINOIS FED. AID PROJECT			



LOOP:	SIZE:	MODE:	QUADRA-POLE:	DELAY:
A1,A3,A5, A2,A4,A6, B1,B3,B5, B2,B4,B6, C1 C2 D1,D3,D4	6' X 6'	NORMAL	NO	0
A7,A8, B7,B8	6' X 6'	EXTENDED	NO	0
D2	6' X 6'	DELAY	NO	15

THE FOLLOWING CABLES SHALL BE WIRED TO COMMON AMPLIFIERS:  
 (A1,A3,A5),(A2,A4,A6),(A7,A8)  
 (B1,B3,B5),(B2,B4,B6),(B7,B8)  
 (C1),(C2)  
 (D1,D3,D4),(D2)

10 AMPLIFIERS PLUS 2 ADDITIONAL  
 TOTAL 12 AMPLIFIERS

# SOIL BORING LOG

Date 5/22/19

ROUTE FAP 323 (US 36) DESCRIPTION Southwest Corner LOGGED BY E. Sandschafer

SECTION (13Z,13Z-1)RS-3 LOCATION Fairview at Eldorado, SEC. 16, TWP. 16N, RNG. 2E, 3 PM

COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. Traffic Signal Station 39+92.8 33.9' Lt		DEPTH (ft)	BLOW S / 6"	UCS (tsf)	M O I S T (%)	Surface Water Elev. N/A ft				DEPTH (ft)	BLOW S / 6"	UCS (tsf)	M O I S T (%)
BORING NO. B-1 - Fairview Station 39+82 Offset 22.0ft Lt Ground Surface Elev. 641.38						Stream Bed Elev. N/A ft	Groundwater Elev.:	▼ First Encounter	▼ Upon Completion				
Asphalt	640.28									1	NT	20	
Brown, CLAY										2			
Stiff, moist			1							1			
			2	1.5	17		2	NT	25				
Stiff, moist, brown, SILTY CLAY	636.38	-5	3							3			
			3	1.5	16		4	NT	18				
Medium		Extent of Exploration											
		Benchmark: BM 208 - Chiseled "X" on Southeast bolt of fire hydrant in Northwest quadrant of Fairview Street (IL 48) and Eldorado Street, Sta. 40+85, 30.7' LT of CL of IL 48.											
Very soft, moist, brown, SANDY LOAM	626.88	-15	3							-35			
			3	0.1	20								
Loose, moist, brown, fine-grained, SAND	625.88		3	BS									
			1										
			2	NT	24		3						
Very loose	621.38	-20	1							-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, Form 137 (Rev. 8-99)

# SOIL BORING LOG

Date 5/22/19

ROUTE FAP 323 (US 36) DESCRIPTION Northeast Corner LOGGED BY E. Sandschafer

SECTION (13Z,13Z-1)RS-3 LOCATION Fairview at Eldorado, SEC. 16, TWP. 16N, RNG. 2E, 3 PM

COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. Traffic Signal Station 40+81 43' Rt		DEPTH (ft)	BLOW S / 6"	UCS (tsf)	M O I S T (%)	Surface Water Elev. N/A ft				DEPTH (ft)	BLOW S / 6"	UCS (tsf)	M O I S T (%)
BORING NO. B-2 - Fairview Station 41+00 Offset 26.0ft Rt Ground Surface Elev. 635.80						Stream Bed Elev. N/A ft	Groundwater Elev.:	▼ First Encounter	▼ Upon Completion				
Topsoil	635.55												
Brown, SILTY CLAY LOAM													
Soft, moist			2							2	0.4	18	
			2	B			3						
Very stiff, moist, brown & grey marbled, CLAY LOAM	630.80	-5	5							10	2.5	13	
			3	B			10	B					
Stiff, moist, brown, SANDY CLAY LOAM		628.80											
Hard			5							10	1.7	12	
			10	B			13						
Very stiff, moist, brown, CLAY LOAM Till	623.80	-10	11							16	4.5+	11	
			5	P			14						
Hard			5							12	3.5	11	
			12	B			16						
Extent of Exploration	619.80	-15	10										
			3										
			12	7.4	11		17	B					
Benchmark: BM 208 - Chiseled "X" on Southeast bolt of fire hydrant in Northwest quadrant of Fairview Street (IL 48) and Eldorado Street, Sta. 40+85, 30.7' LT of CL of IL 48.		621.38											

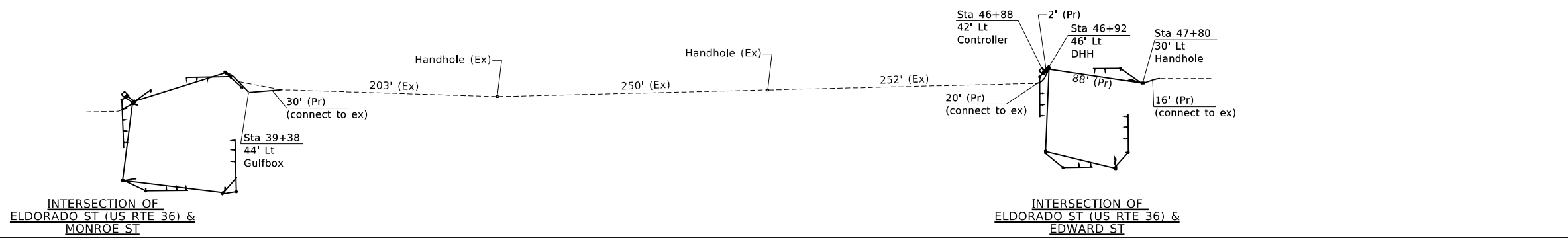
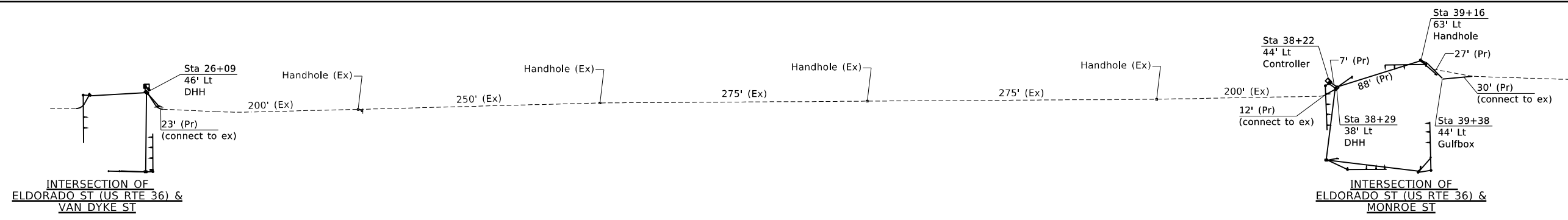
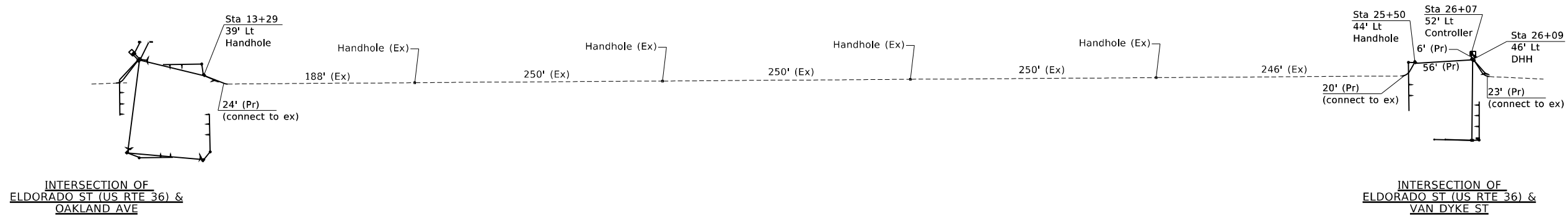
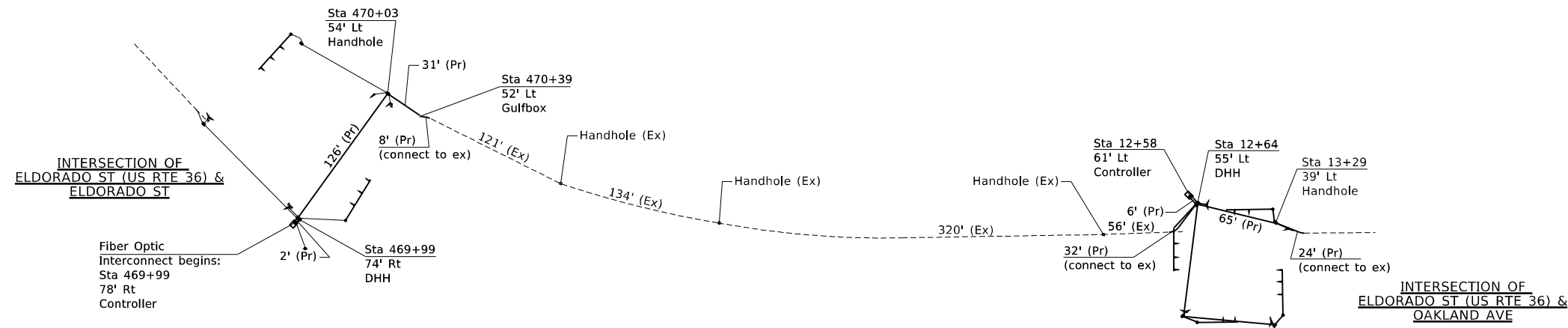
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, Form 137 (Rev. 8-99)

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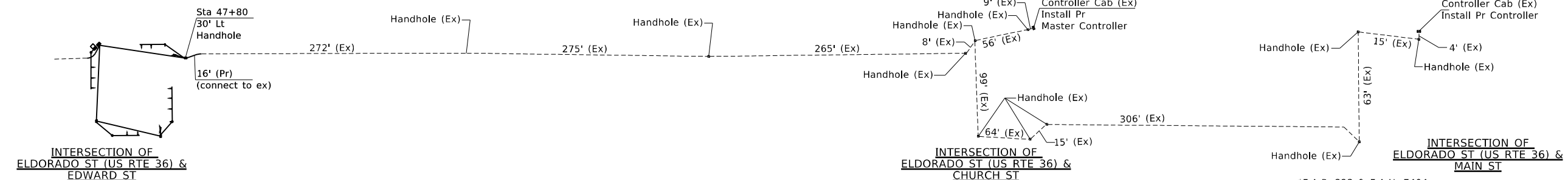
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# FIBER OPTIC INTERCONNECT FROM ELDORADO ST TO MAIN ST

The proposed Fiber Optic Interconnect will be installed from the controller cabinet at Eldorado St to each controller cabinet along the route and ending at Main St. The Master Controller will be installed in the existing cabinet located at Church St. A new controller will be installed in the existing cabinet at Main St. Most of the conduit and handholes along this route are existing and shall be utilized for this project. Proposed conduit and handholes are being installed at the signalized intersections. Proposed conduit will be connected to the existing conduit (PVC) as shown on the plans. Final locations and lengths will be determined in the field. Locations as shown for the existing conduit and handholes were obtained from existing plans not field measurements. The existing wire (1 No 18 3 PR, Comm) shall be pulled from Eldorado St to Main St and the proposed fiber optic will be installed.



**NOTE:**  
At the intersection of US Rte 36 and Main St, the fiber optic will be connected to the existing No 18, 3PR, Comm wire with the use of an ISS Fiber Modem to the 6DI FSK Modem. The existing interconnect continues to the east.



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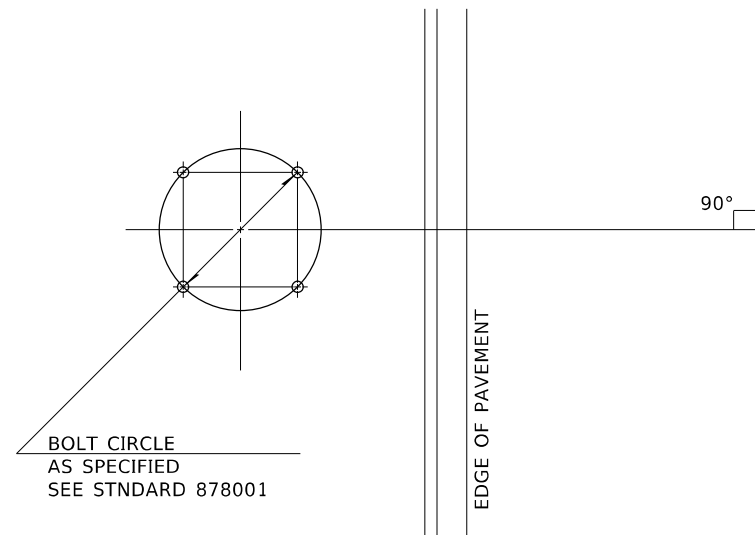
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

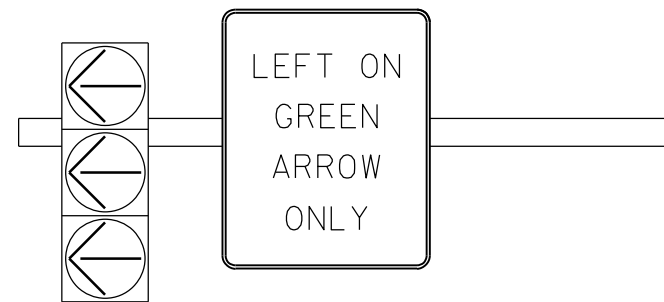
**INTERSECTION OF ELDORADO ST (US RTE 36) & ELDORADO ST  
OVERVIEW OF FIBER OPTIC INTERCONNECT**

*F.A.P. 323 & F.A.U. 7404		TOTAL SHEETS	SHEET NO.
F.A.P. RTE.	SECTION	COUNTY	
	(13Z,13Z-1RS-3)	MACON	208 100
		CONTRACT NO. 74702	
		ILLINOIS FED. AID PROJECT	

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



DETAIL OF MAST ARM FOUNDATION  
BOLT PATTERN

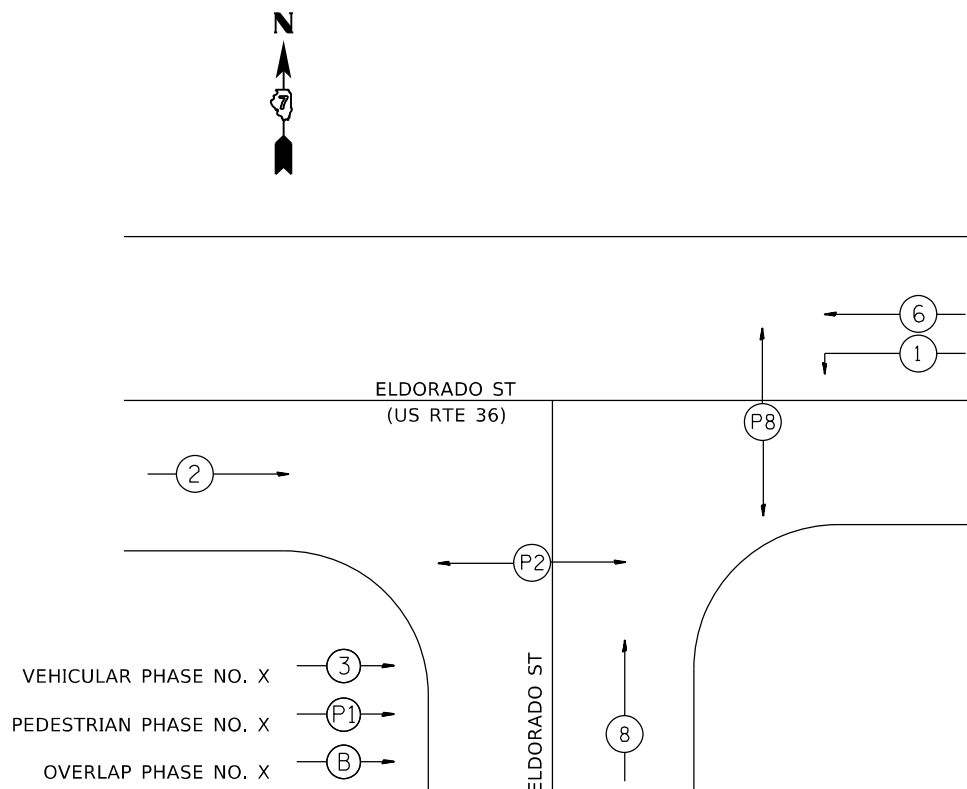


1. SIGN SHALL HAVE A BLACK REFLECTORIZED LEGEND AND BORDER ON A WHITE REFLECTORIZED BACKGROUND. ARROW IS YELLOW ON A BLACK BACKGROUND.
2. AP SHEETING.
3. SIGN TO BE INSTALLED DIRECTLY ADJACENT TO PROTECTED TURN SIGNAL HEAD ON MAST ARM.
4. ILLINOIS STANDARD R10-5 SIGN.



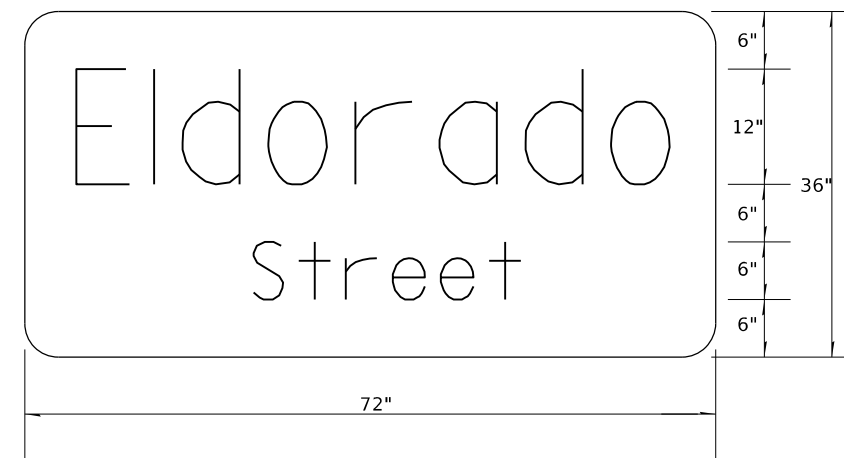
30''x36''  
(1 TOTAL)

TO BE INSTALLED ON WESTBOUND MAST ARM (STA 469+01 42' LT)



PHASE DESIGNATION DIAGRAM

1. SIGN SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.
2. AP SHEETING.
3. UPPER/LOWER CASE LETTERS, HIGHWAY D.



TO BE INSTALLED ON WESTBOUND MAST ARM (STA 469+01 42' LT)  
TO BE INSTALLED ON EASTBOUND MAST ARM (STA 470+30 54' RT)

SIGN PANEL DETAILS

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF ELDORADO ST (US RTE 36) & ELDORADO ST  
DETAILS

SCALE: NA SHEET 1 OF 9 SHEETS STA. TO STA.

\*F.A.P. 323 & FAU 7404

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	101
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

US RTE 36 (ELDORADO ST) & ELDORADO ST-BILL OF MATERIALS

ITEM	UNIT	QUANTITY
SIGN PANEL-TYPE 1	SO FT	7.5
SIGN PANEL-TYPE 2	SO FT	36
UNDERGROUND CONDUIT, PVC 3/4" DIA.	FOOT	43
UNDERGROUND CONDUIT, PVC 1" DIA.	FOOT	86
UNDERGROUND CONDUIT, PVC 1 1/2" DIA.	FOOT	146
UNDERGROUND CONDUIT, PVC 2" DIA.	FOOT	121
UNDERGROUND CONDUIT, PVC 4" DIA.	FOOT	235
UNDERGROUND CONDUIT, PVC 5" DIA.	FOOT	3
HANDHOLE	EACH	3
DOUBLE HANDHOLE	EACH	1
GULFBOX JUNCTION	EACH	2
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE)3-1C NO 8	FOOT	310
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
TRANSCEIVER-FIBER OPTIC	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO 62.5/125, MM12F SM12F	FOOT	888
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 3C	FOOT	399
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 5C	FOOT	1792
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 7C	FOOT	46
ELECTRIC CABLE IN CONDUIT, LEAD-IN NO 14 1 PAIR	FOOT	2115
ELECTRIC CABLE IN CONDUIT, SERVICE, NO 6 2C	FOOT	32
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	576
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT	EACH	4
PEDESTRIAN PUSH BUTTON POST	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 40 FT	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE D	FOOT	3.5
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	30
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	11
INDUCTIVE LOOP DETECTOR	EACH	8
DETECTOR LOOP, TYPE 1	FOOT	741
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING SERVICE INSTALLATION	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1831
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	4
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
LUMINAIRE, LED, SPECIAL	EACH	1
SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4

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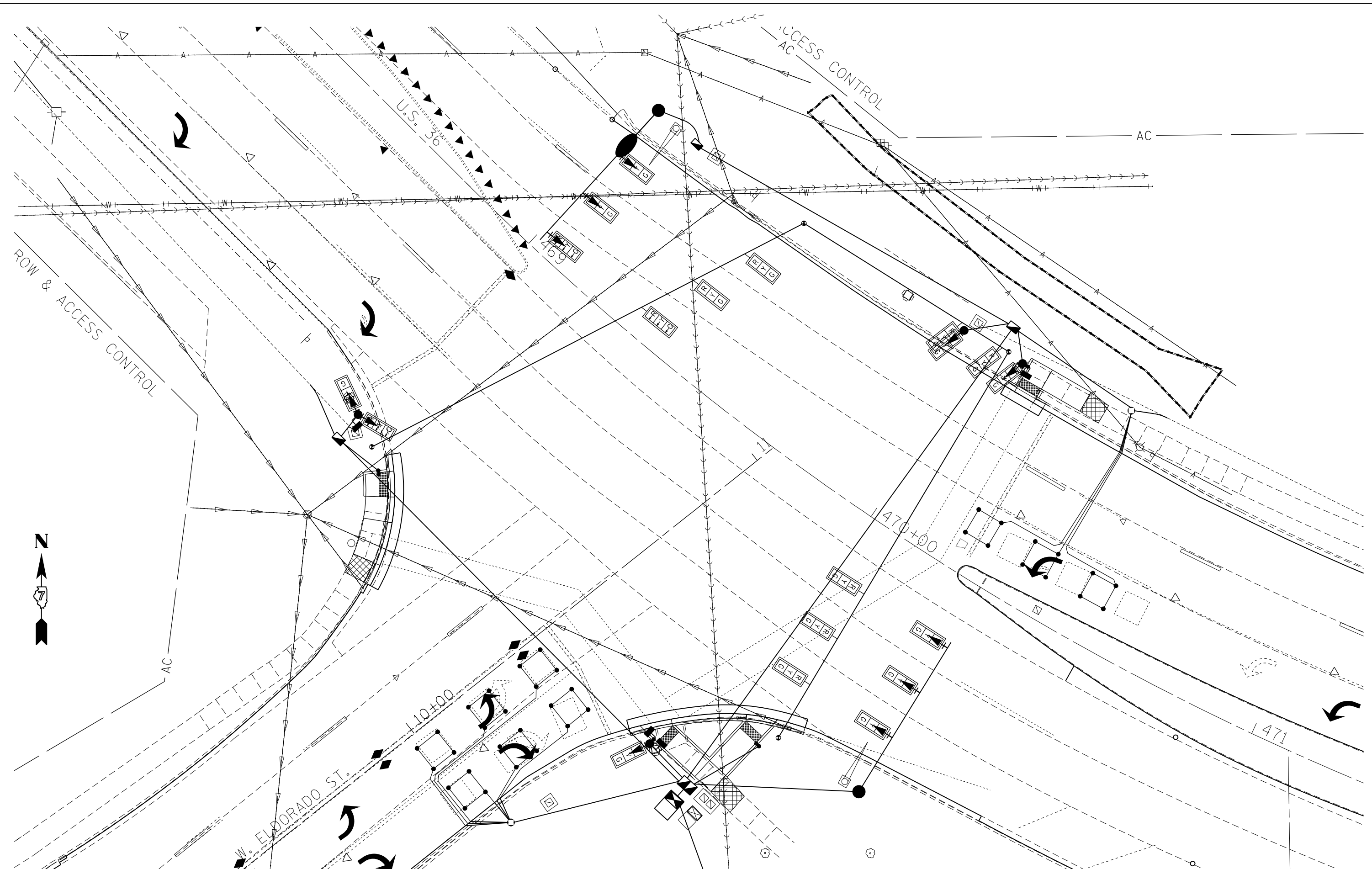
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDORADO ST (US RTE 36) & ELDORADO ST**  
**BILL OF MATERIALS**

SCALE: NA    SHEET 2    OF 9    SHEETS    STA.    TO STA.

*F.A.P. 323 & FAU 7404			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
*	(13Z,13Z-1)RS-3	MACON	208
			102
			CONTRACT NO. 74702
ILLINOIS FED. AID PROJECT			

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\*F.A.P. 323 & FAU 7404

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

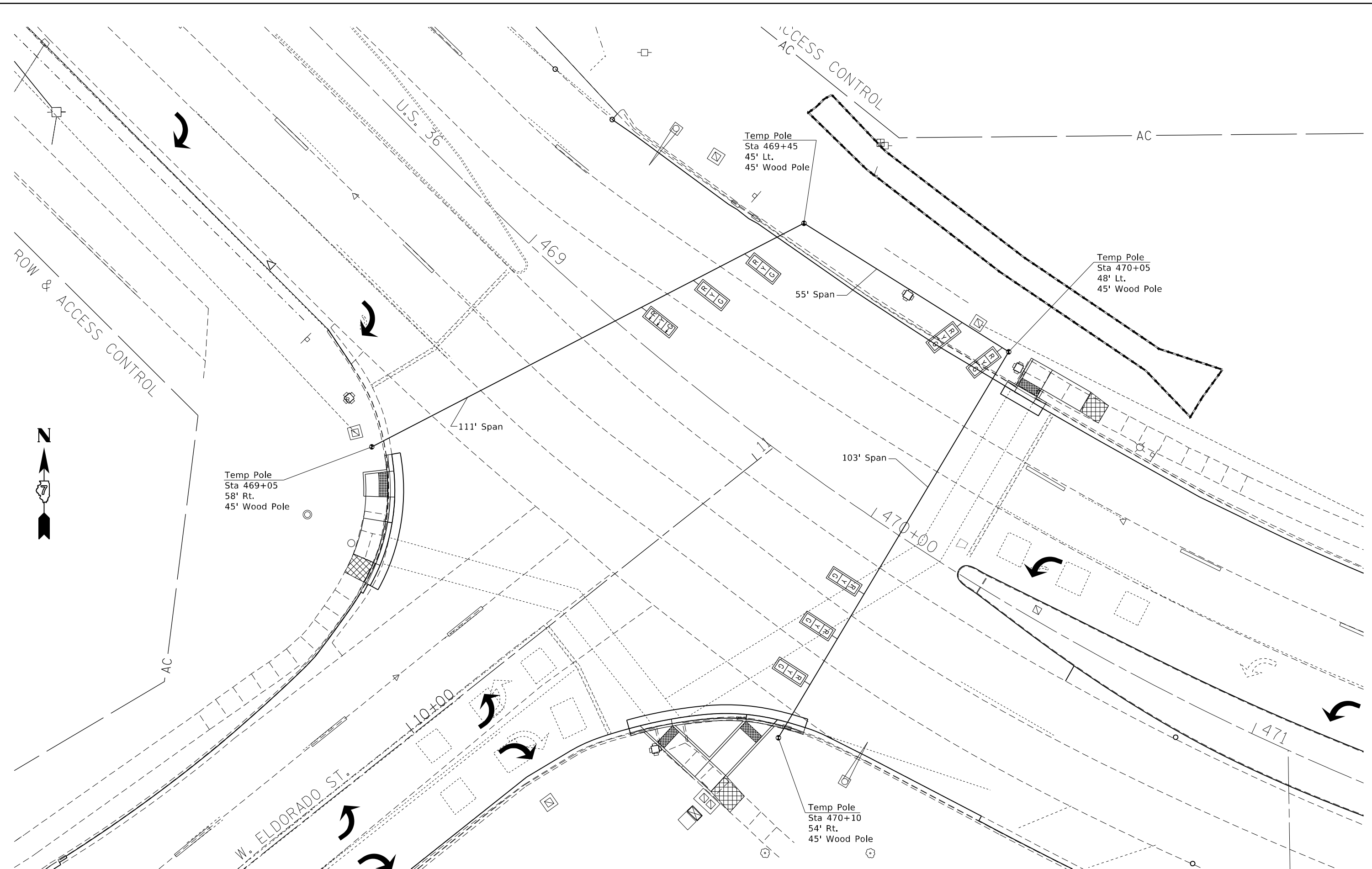
**INTERSECTION OF ELDORADO ST (US RTE 36) & ELDORADO ST**  
**EXISTING UTILITY LAYOUT**

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	103
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



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\*F.A.P. 323 & FAU 7404

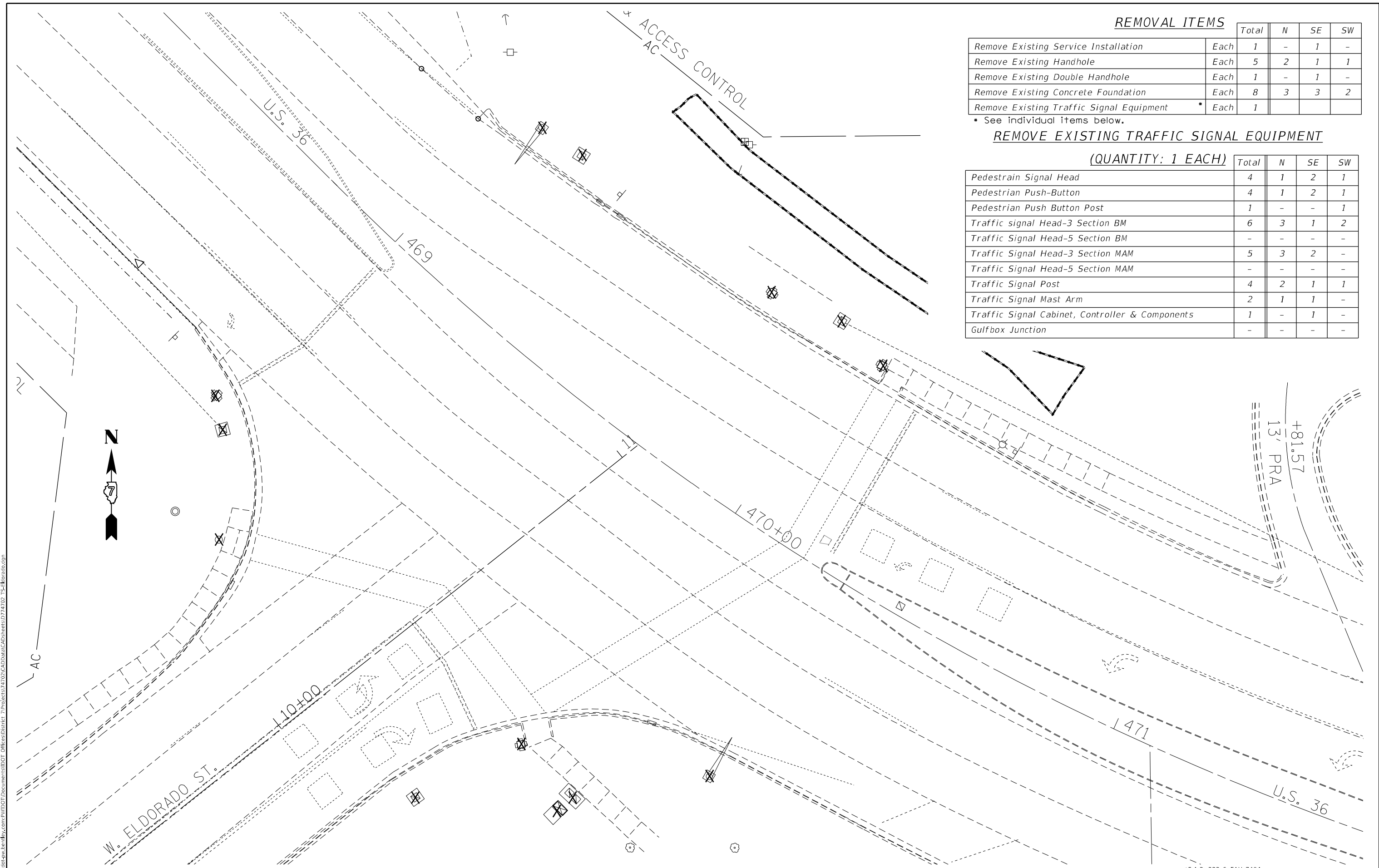
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDORADO ST (US RTE 36) & ELDORADO ST  
 TEMPORARY SIGNALS**

SCALE: NA SHEET 4 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	104
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



**REMOVAL ITEMS**

	Total	N	SE	SW
Remove Existing Service Installation	Each 1	-	1	-
Remove Existing Handhole	Each 5	2	1	1
Remove Existing Double Handhole	Each 1	-	1	-
Remove Existing Concrete Foundation	Each 8	3	3	2
Remove Existing Traffic Signal Equipment	Each 1			

\* See individual items below.

**REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT**

**(QUANTITY: 1 EACH)**

	Total	N	SE	SW
Pedestrian Signal Head	4	1	2	1
Pedestrian Push-Button	4	1	2	1
Pedestrian Push Button Post	1	-	-	1
Traffic signal Head-3 Section BM	6	3	1	2
Traffic Signal Head-5 Section BM	-	-	-	-
Traffic Signal Head-3 Section MAM	5	3	2	-
Traffic Signal Head-5 Section MAM	-	-	-	-
Traffic Signal Post	4	2	1	1
Traffic Signal Mast Arm	2	1	1	-
Traffic Signal Cabinet, Controller & Components	1	-	1	-
Gulfbox Junction	-	-	-	-

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

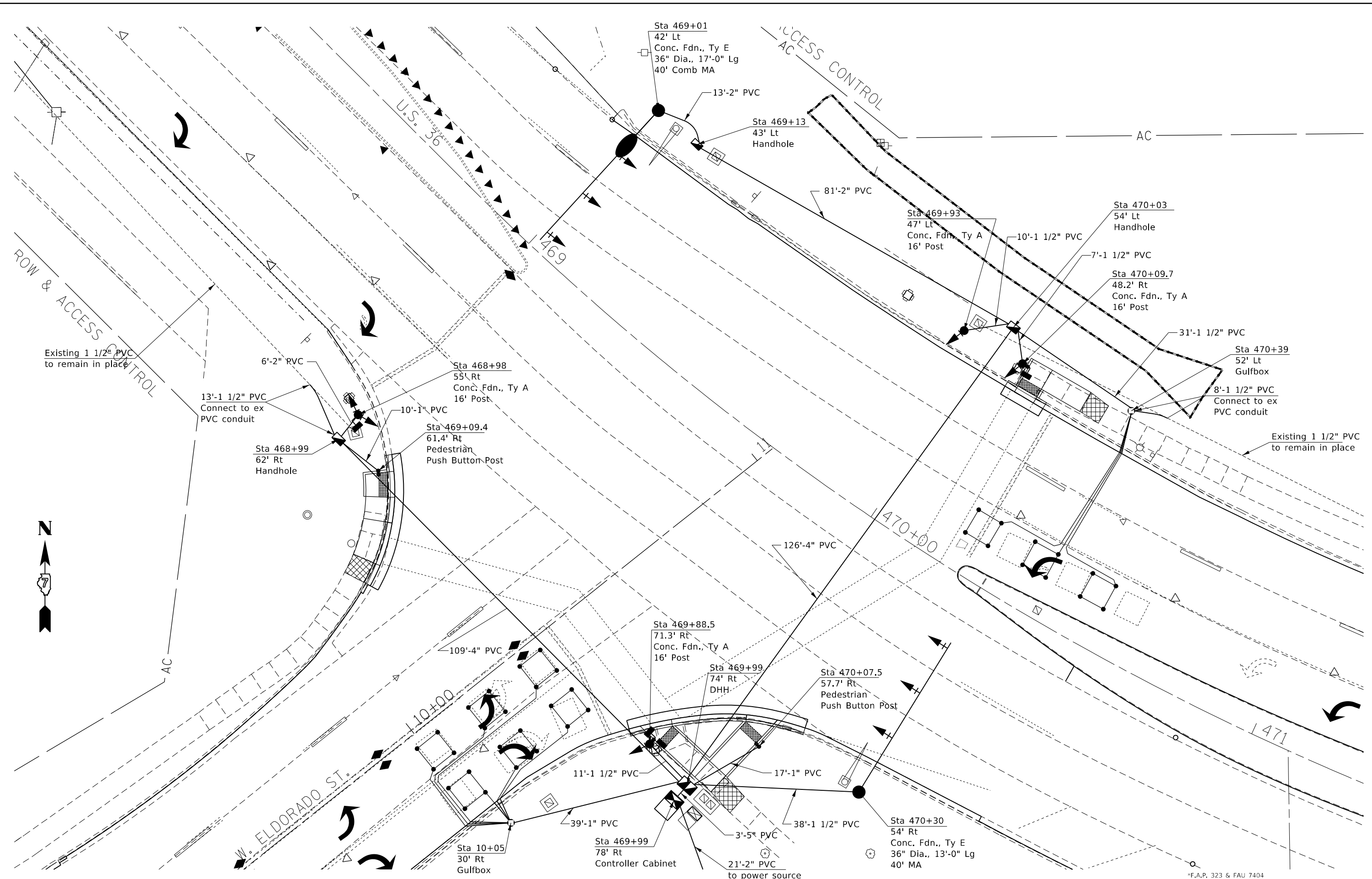
**INTERSECTION OF ELDORADO ST (US RTE 36) & ELDORADO ST  
TRAFFIC SIGNAL REMOVAL ITEMS**

SCALE: NA SHEET 5 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	105
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

\*F.A.P. 323 & FAU 7404

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

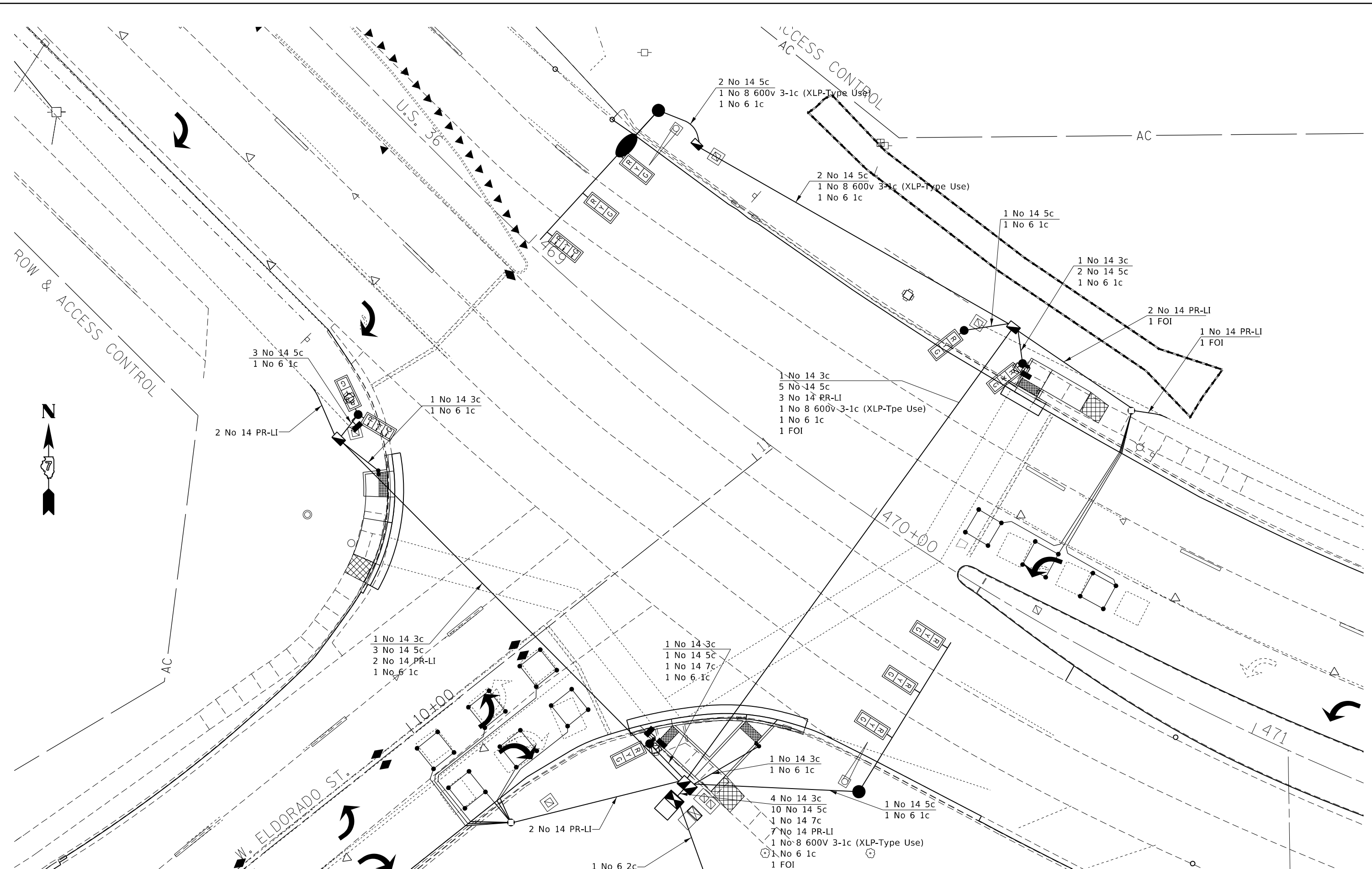
**INTERSECTION OF ELDORADO ST (US RTE 36) & ELDORADO ST**  
**SIGNAL LAYOUT**

SCALE: NA SHEET 6 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(132,13Z-1)RS-3	MACON	208	106
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

\*F.A.P. 323 & FAU 7404

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\*F.A.P. 323 & FAU 7404

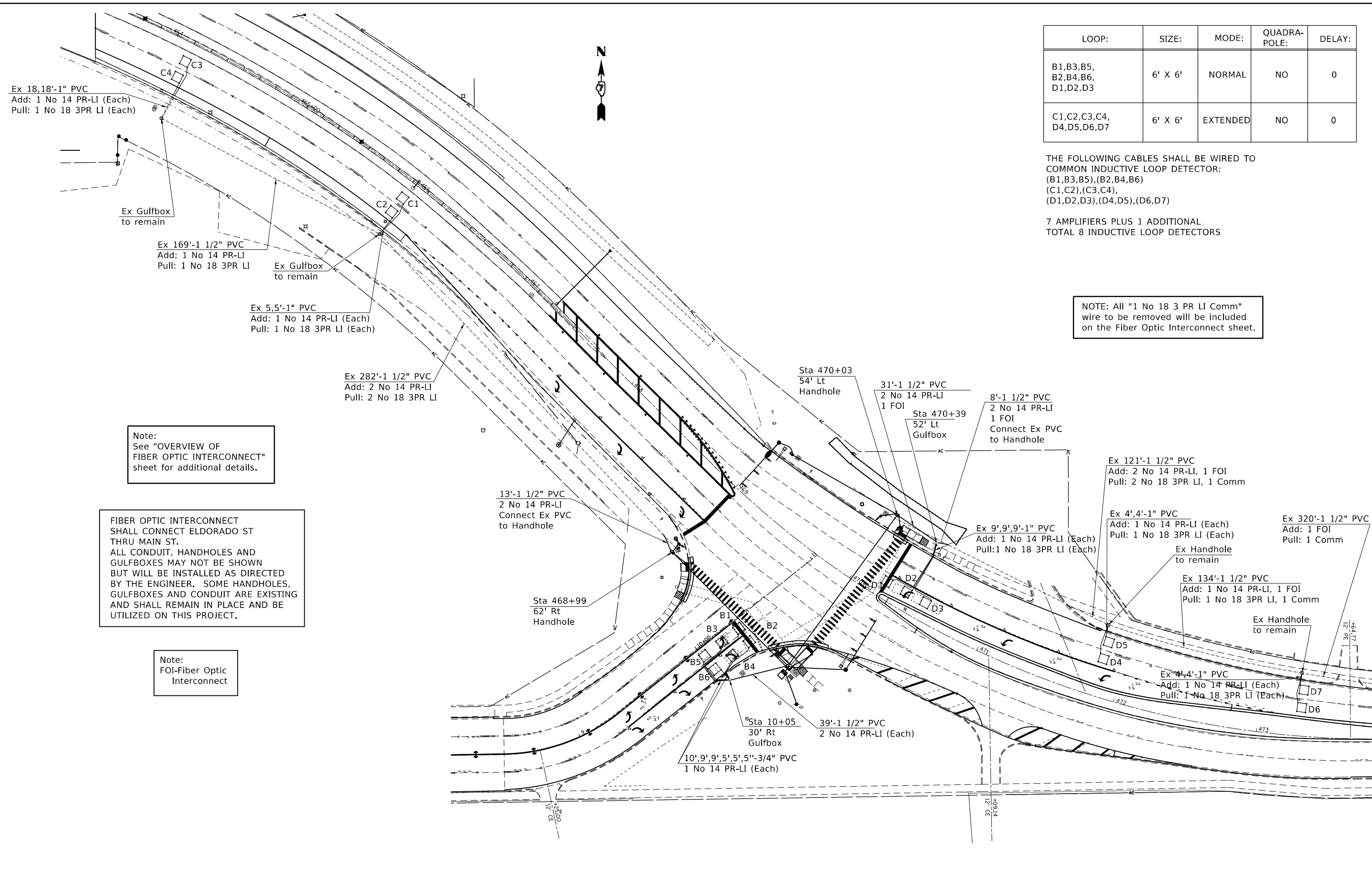
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PLOT DATE = 12/27/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDORADO ST (US RTE 36) & ELDORADO ST**  
**CABLE LAYOUT**

SCALE: NA    SHEET 7 OF 9 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	107
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



LOOP:	SIZE:	MODE:	QUADRA-POLE:	DELAY:
B1,B3,B5, B2,B4,B6, D1,D2,D3	6' X 6'	NORMAL	NO	0
C1,C2,C3,C4, D4,D5,D6,D7	6' X 6'	EXTENDED	NO	0

THE FOLLOWING CABLES SHALL BE WIRED TO COMMON INDUCTIVE LOOP DETECTOR:  
 (B1,B3,B5),(B2,B4,B6)  
 (C1,C2),(C3,C4),  
 (D1,D2,D3),(D4,D5),(D6,D7)

7 AMPLIFIERS PLUS 1 ADDITIONAL  
 TOTAL 8 INDUCTIVE LOOP DETECTORS

NOTE: All "1 No 18 3 PR LI Comm" wire to be removed will be included on the Fiber Optic Interconnect sheet.

Note:  
 See "OVERVIEW OF FIBER OPTIC INTERCONNECT" sheet for additional details.

FIBER OPTIC INTERCONNECT SHALL CONNECT ELDORADO ST THRU MAIN ST. ALL CONDUIT, HANDHOLES AND GULFBOXES MAY NOT BE SHOWN BUT WILL BE INSTALLED AS DIRECTED BY THE ENGINEER. SOME HANDHOLES, GULFBOXES AND CONDUIT ARE EXISTING AND SHALL REMAIN IN PLACE AND BE UTILIZED ON THIS PROJECT.

Note:  
 FOI-Fiber Optic Interconnect

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USER NAME = stefnkmk DESIGNED - DRAWN - PLOT SCALE = 60,0000 * / in. PLOT DATE = 12/27/2021				REVISED - REVISED - REVISED - REVISED -				<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>				<b>INTERSECTION OF ELDORADO ST (US RTE 36) &amp; ELDORADO ST          DETECTOR LOOPS &amp; FIBER OPTIC INTERCONNECT</b>				F.A.P. RTE.		SECTION (132,13Z-1)RS-3		COUNTY MACON		TOTAL SHEETS 208		SHEET NO. 108	
SCALE: NA				SHEET 8 OF 9 SHEETS												STA. TO STA.				ILLINOIS		FED. AID PROJECT		CONTRACT NO. 74702	



# SOIL BORING LOG

ROUTE FAP 323 (US 36) DESCRIPTION Southeast Quadrant LOGGED BY E. Sandschafer

SECTION (13Z,13Z-1)RS-3 LOCATION Eldorado at US 36, SEC. 16, TWP. 16N, RNG. 2E, 3 PM

COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. Traffic Signal  
Station 470+30 54' Rt

BORING NO. B-1 - Eldorado  
Station 470+50  
Offset 54.0ft Rt  
Ground Surface Elev. 652.40

Surface Water Elev. N/A ft  
Stream Bed Elev. N/A ft

Groundwater Elev.:  
 ▽ First Encounter Dry ft  
 ▽ Upon Completion Dry ft  
 ▽ After Hrs. Filled ft

DEPTH (ft)	BLOW S (ft/6")	UCS (tsf)	MOIST (%)	DESCRIPTION
0				Topsoil 652.10
0				Brown, Clay
4	5	2.1 B	18	Very stiff, moist
5	5			
-5	5			
6	8	3.3 B	13	
645.40				Very stiff, moist, brown, CLAY LOAM
5	7	2.1 B	12	
9				
-10	6			Hard, Till
9	12	4.3 B	12	
12				
6				Very stiff
7	10	3.5 B	13	
10				
-15	6			
9	10	3.7 B	12	Very stiff, moist, brown, SANDY LOAM
10				
636.60				Extent of Exploration
636.40				
				Benchmark: BM 207 - Found cut "[ ]" on North rim of round storm inlet (manhole), Sta. 5+60, 111' RT of West Eldorado.
-20				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced By Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, Form 137 (Rev. 8-99)



# SOIL BORING LOG

ROUTE FAP 323 (US 36) DESCRIPTION North Side LOGGED BY E. Sandschafer

SECTION (13Z,13Z-1)RS-3 LOCATION Eldorado at US 36, SEC. 16, TWP. 16N, RNG. 2E, 3 PM

COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. Traffic Signal  
Station 469+01 42' Lt

BORING NO. B-2 - Eldorado  
Station 469+67  
Offset 42.0ft Lt  
Ground Surface Elev. 646.52

Surface Water Elev. N/A ft  
Stream Bed Elev. N/A ft

Groundwater Elev.:  
 ▽ First Encounter Dry ft  
 ▽ Upon Completion Dry ft  
 ▽ After Hrs. Filled ft

DEPTH (ft)	BLOW S (ft/6")	UCS (tsf)	MOIST (%)	DESCRIPTION
0				Topsoil 645.82
0				Brown, SANDY CLAY LOAM
3	3	0.8 B	13	Medium, moist
4				
642.02				Soft, moist, brown, SILTY CLAY LOAM
-5	2			
3	3	0.5 B	21	
639.52				Stiff, moist, brown, SANDY CLAY
1	1	1.3 B	21	
5				
-10	2			No recovery
3	3	0.7 E	NT	
634.52				Medium, moist, brown, SILTY CLAY
2	3	0.9 B	18	
633.22				Brown, CLAY LOAM Till
4				
632.02				Stiff, moist, brown, SANDY CLAY
631.52	-15	2		
3	4	1.2 B	19	Brown, SANDY LOAM
4				
629.52				Very stiff, moist, brown, CLAY LOAM Till
2	3	2.3 B	13	
4				
626.52				
-20	3			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced By Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, Form 137 (Rev. 8-99)

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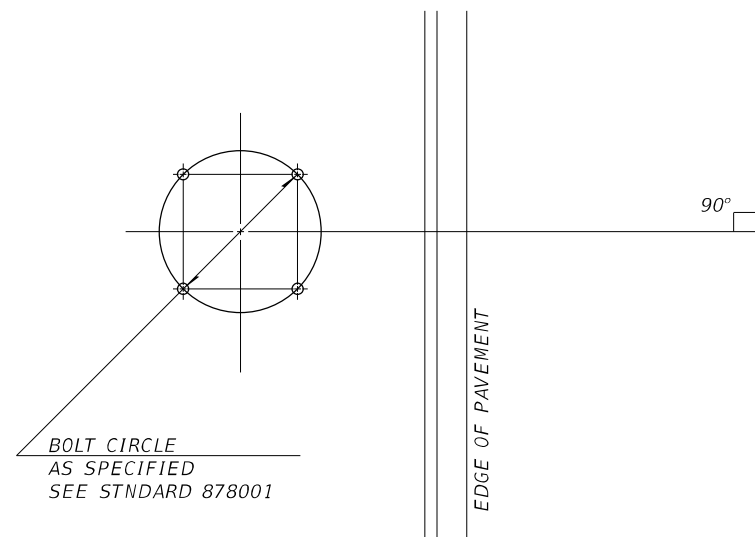
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

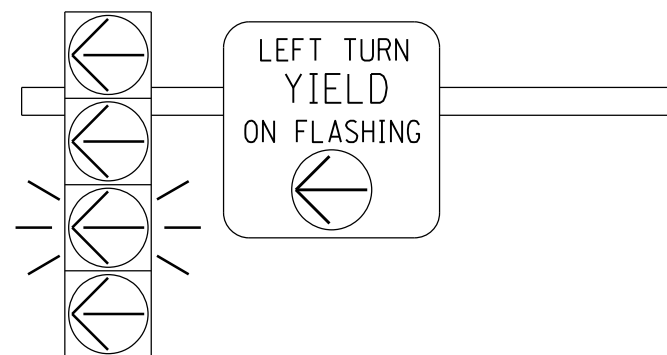
INTERSECTION OF ELDORADO ST (US RTE 36) & ELDORADO ST  
BORING LOGS

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

F.A.P. 323 & FAU 7404			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
*	(13Z,13Z-1)RS-3	MACON	208
			SHEET NO. 109
CONTRACT NO. 74702			
ILLINOIS		FED. AID PROJECT	

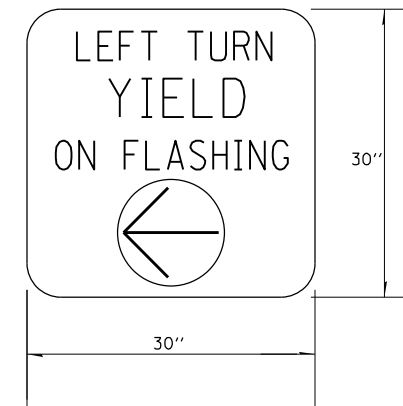


DETAIL OF MAST ARM FOUNDATION  
BOLT PATTERN

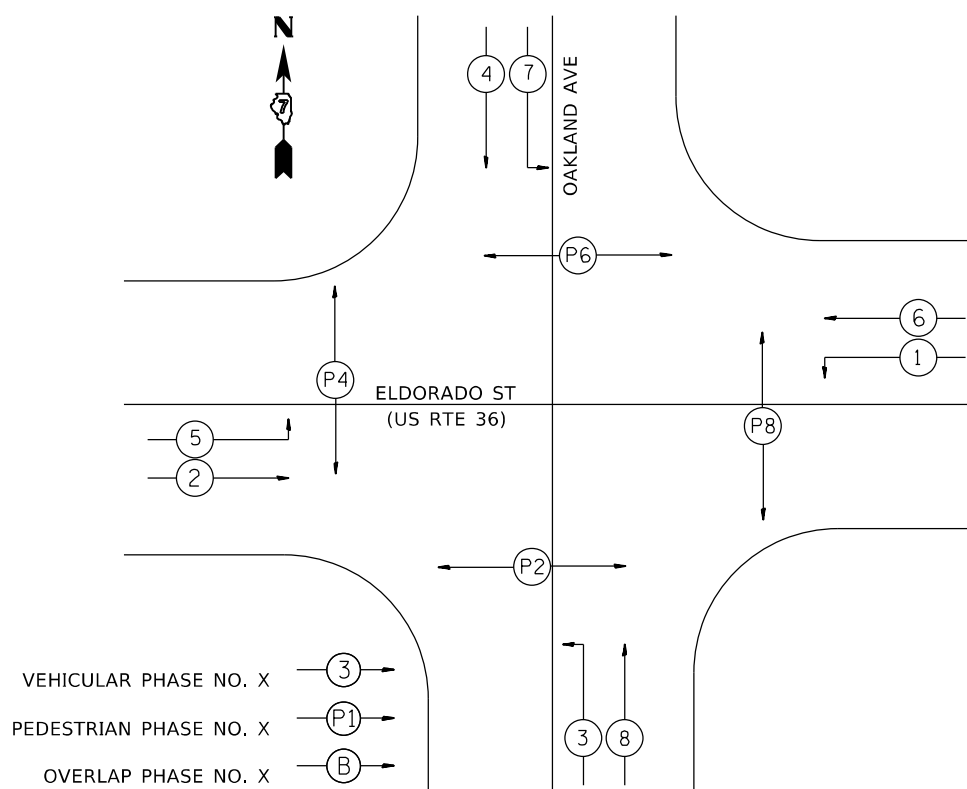


FLASHING YELLOW ARROW  
SIGN PANEL DETAILS

1. SIGN SHALL HAVE A BLACK REFLECTORIZED LEGEND AND BORDER ON A WHITE REFLECTORIZED BACKGROUND. ARROW IS YELLOW ON A BLACK BACKGROUND.
2. AP SHEETING.
3. SIGN TO BE INSTALLED DIRECTLY ADJACENT TO FYA SIGNAL HEAD ON MAST ARM.
4. ILLINOIS STANDARD R10-I109a SIGN.



TO BE INSTALLED ON WESTBOUND MAST ARM (STA 12+44 35' LT)  
TO BE INSTALLED ON EASTBOUND MAST ARM (STA 13+34.2 38.5' RT)  
TO BE INSTALLED ON SOUTHBOUND MAST ARM (STA 12+62.0 43.7' RT)  
TO BE INSTALLED ON NORTHBOUND MAST ARM (STA 13+26.7 49.9' LT)



PHASE DESIGNATION DIAGRAM

1. SIGN SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.
2. AP SHEETING.
3. UPPER/LOWER CASE LETTERS, HIGHWAY D.



TO BE INSTALLED ON WESTBOUND MAST ARM (STA 12+44 35' LT)  
TO BE INSTALLED ON EASTBOUND MAST ARM (STA 13+34.2 38.5' RT)

1. SIGN SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.
2. AP SHEETING.
3. UPPER/LOWER CASE LETTERS, HIGHWAY D.



TO BE INSTALLED ON SOUTHBOUND MAST ARM (STA 12+62.0 43.7' RT)  
TO BE INSTALLED ON NORTHBOUND MAST ARM (STA 13+26.7 49.9' LT)

SIGN PANEL DETAILS

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF ELDORADO ST (US RTE 36) & OAKLAND AVE  
DETAILS

SCALE: NA SHEET 1 OF 9 SHEETS STA. TO STA.

\* F.A.P. 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(13Z,13Z-1)RS-3	MACON	208	110
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

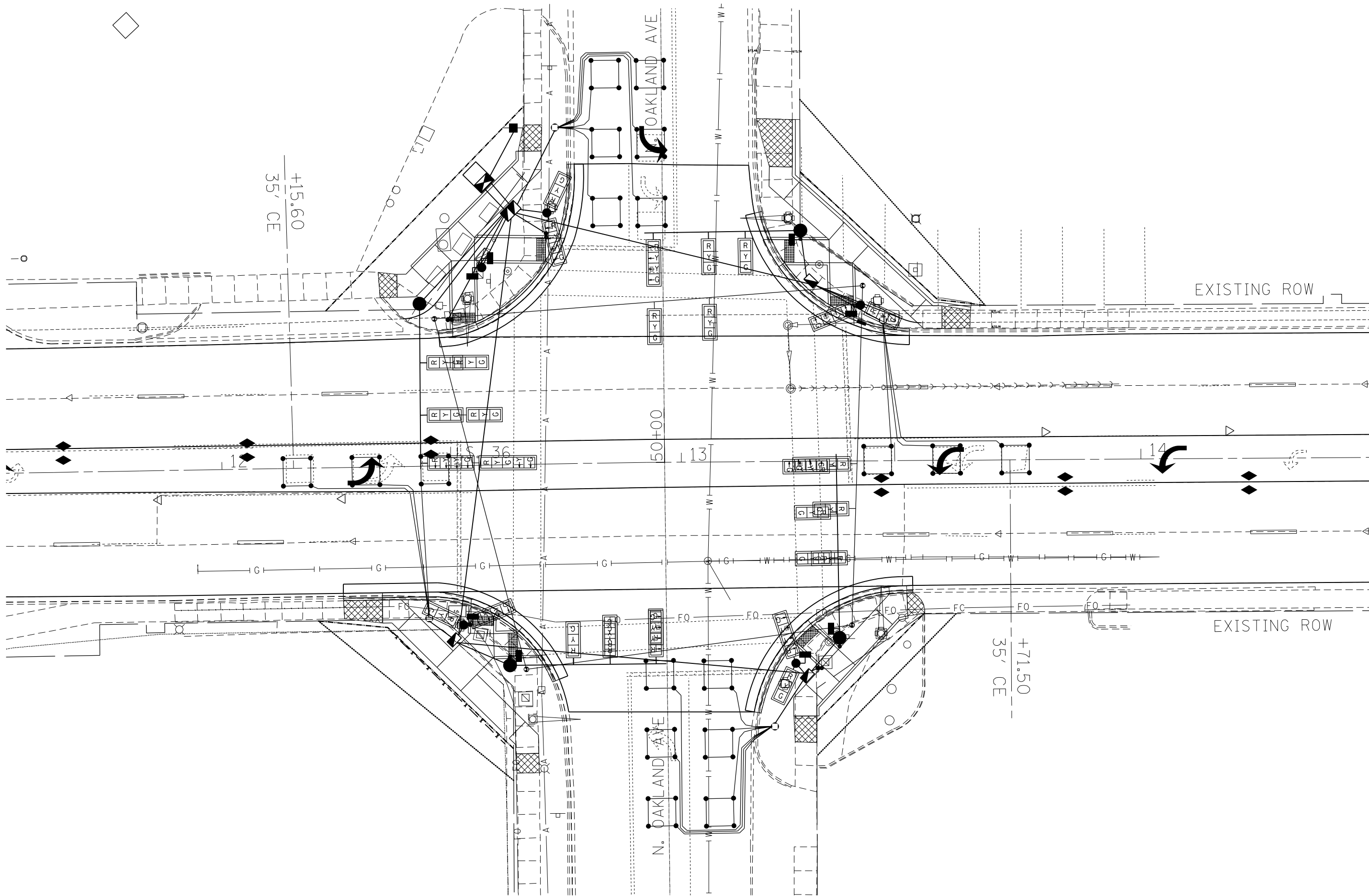
US RTE 36 (ELDORADO ST) & OAKLAND AVE-BILL OF MATERIALS

ITEM	UNIT	QUANTITY
SIGN PANEL-TYPE 1	SO FT	25
SIGN PANEL-TYPE 2	SO FT	72
UNDERGROUND CONDUIT, PVC 3/4" DIA.	FOOT	71
UNDERGROUND CONDUIT, PVC 1" DIA.	FOOT	86
UNDERGROUND CONDUIT, PVC 1 1/2" DIA.	FOOT	100
UNDERGROUND CONDUIT, PVC 2" DIA.	FOOT	61
UNDERGROUND CONDUIT, PVC 4" DIA.	FOOT	232
UNDERGROUND CONDUIT, PVC 5" DIA.	FOOT	12
HANDHOLE	EACH	3
DOUBLE HANDHOLE	EACH	1
GULFBOX JUNCTION	EACH	4
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
TRANSCEIVER-FIBER OPTIC	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO 62.5/125, MM12F SM12F	FOOT	1432
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 3C	FOOT	1019
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 5C	FOOT	2232
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 7C	FOOT	1117
ELECTRIC CABLE IN CONDUIT, LEAD-IN NO 14 1 PAIR	FOOT	764
ELECTRIC CABLE IN CONDUIT, SERVICE, NO 6 2C	FOOT	22
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	443
TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT	EACH	3
PEDESTRIAN PUSH BUTTON POST	EACH	3
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	15
CONCRETE FOUNDATION, TYPE D	FOOT	3.5
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	40.5
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION,MAST ARM MOUNTED	EACH	8
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION,MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION BRACKET MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE,LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE,LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	18
INDUCTIVE LOOP DETECTOR	EACH	8
DETECTOR LOOP, TYPE 1	FOOT	971
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING SERVICE INSTALLATION	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1210
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	5
REMOVE EXISTING CONCRETE FOUNDATION	EACH	14
SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8

\* F.A.P. 323 & FAU 7404

FILE NAME =	USER NAME = bakeral	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION OF ELDORADO ST (US RTE 36) &amp; OAKLAND AVE BILL OF MATERIALS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 4/11/2022							ILLINOIS	FED. AID PROJECT			





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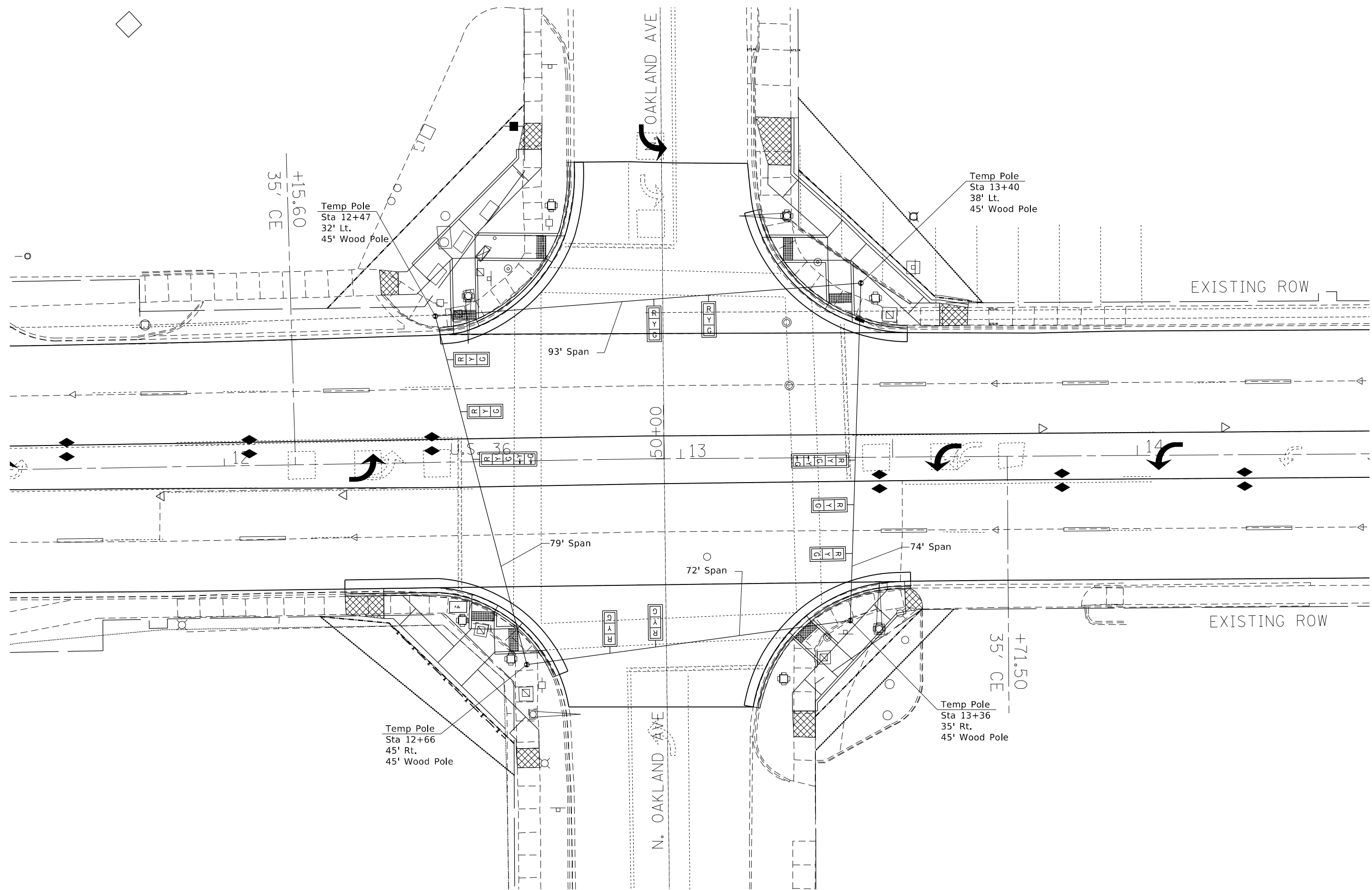
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDORADO ST (US RTE 36) & OAKLAND AVE  
 EXISTING UTILITY LAYOUT**

SCALE: NA      SHEET 3 OF 9 SHEETS      STA.      TO STA.

* F.A.P. 323 & FAU 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	112
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		ILLINOIS	FED. AID PROJECT	

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

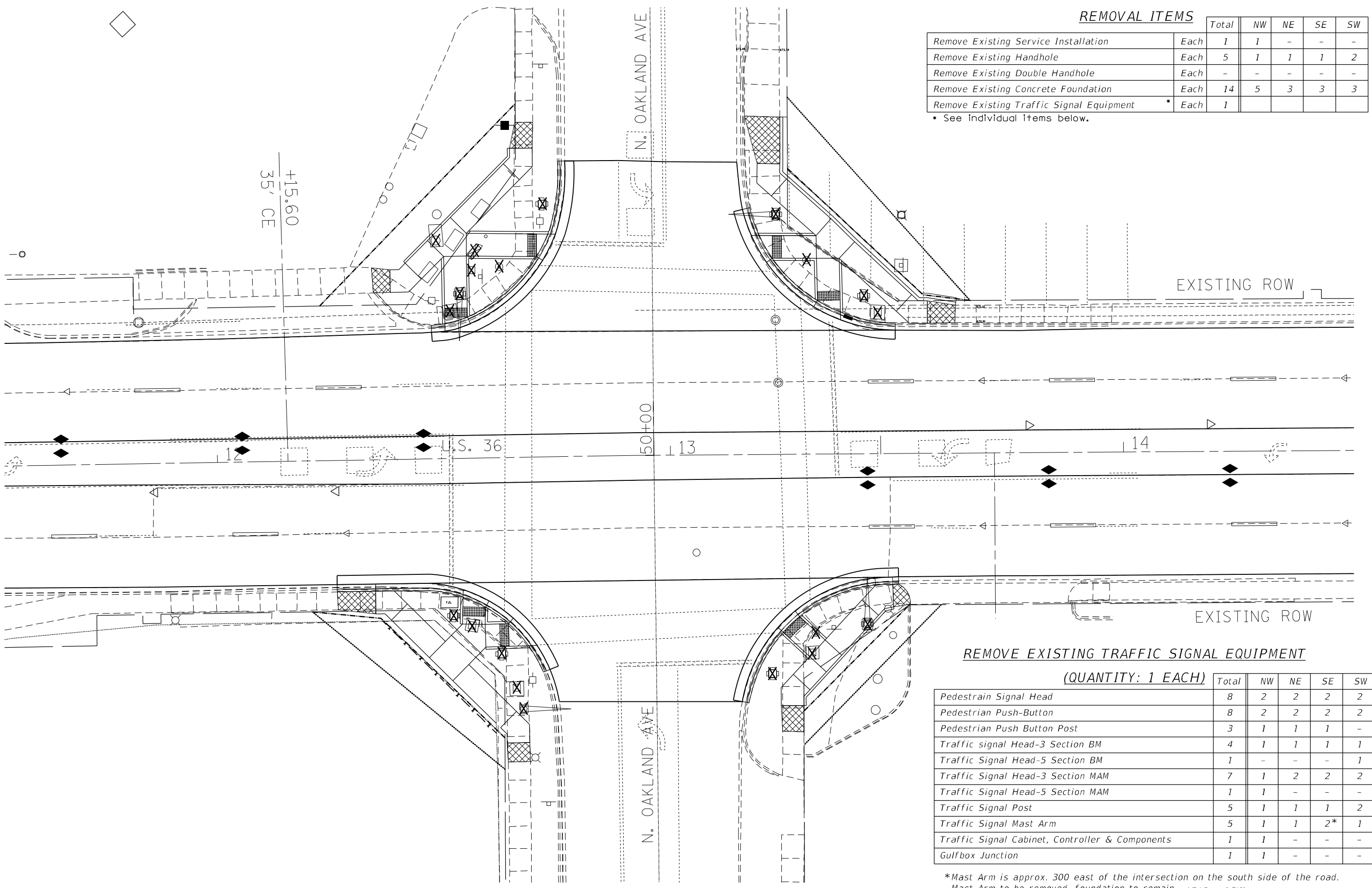
<b>INTERSECTION OF ELDERADO ST (US RTE 36) &amp; OAKLAND AVE</b>			
<b>TEMPORARY SIGNALS</b>			
SCALE: NA	SHEET 4	OF 9 SHEETS	STA. TO STA.

* F.A.P. 323 & FAU 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	113
			CONTRACT NO. 74702	
ILLINOIS FED. AID PROJECT				

**REMOVAL ITEMS**

	Each	Total	NW	NE	SE	SW
Remove Existing Service Installation	Each	1	1	-	-	-
Remove Existing Handhole	Each	5	1	1	1	2
Remove Existing Double Handhole	Each	-	-	-	-	-
Remove Existing Concrete Foundation	Each	14	5	3	3	3
Remove Existing Traffic Signal Equipment	Each	1				

\* See individual items below.



**REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT**

(QUANTITY: 1 EACH)

	Total	NW	NE	SE	SW
Pedestrian Signal Head	8	2	2	2	2
Pedestrian Push-Button	8	2	2	2	2
Pedestrian Push Button Post	3	1	1	1	-
Traffic signal Head-3 Section BM	4	1	1	1	1
Traffic Signal Head-5 Section BM	1	-	-	-	1
Traffic Signal Head-3 Section MAM	7	1	2	2	2
Traffic Signal Head-5 Section MAM	1	1	-	-	-
Traffic Signal Post	5	1	1	1	2
Traffic Signal Mast Arm	5	1	1	2*	1
Traffic Signal Cabinet, Controller & Components	1	1	-	-	-
Gulfbox Junction	1	1	-	-	-

\*Mast Arm is approx. 300 east of the intersection on the south side of the road.  
Mast Arm to be removed, foundation to remain. \* F.A.P. 323 & FAU 7404

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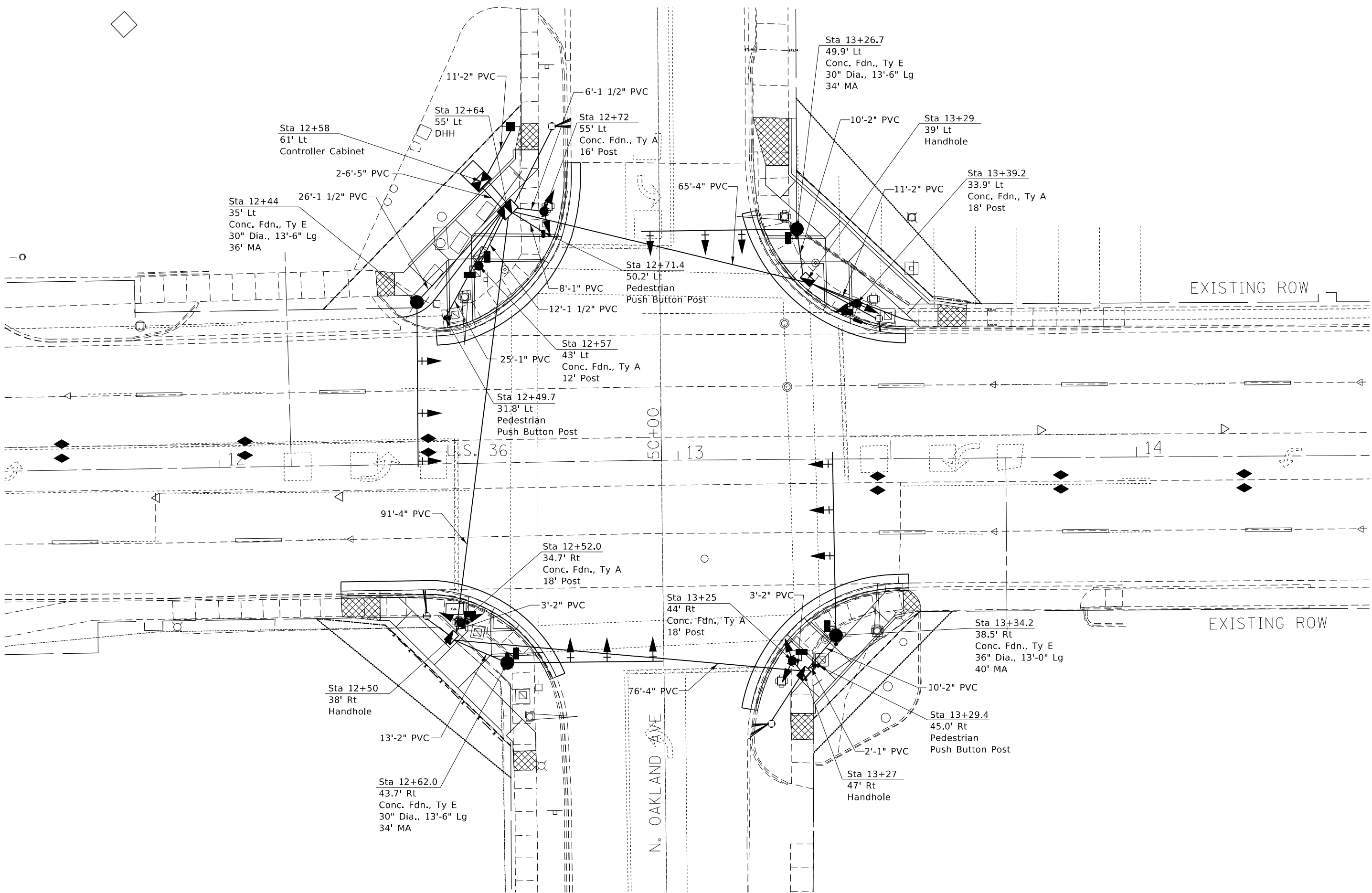
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDORADO ST (US RTE 36) & OAKLAND AVE  
TRAFFIC SIGNAL REMOVAL ITEMS**

SCALE: NA SHEET 5 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	114
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

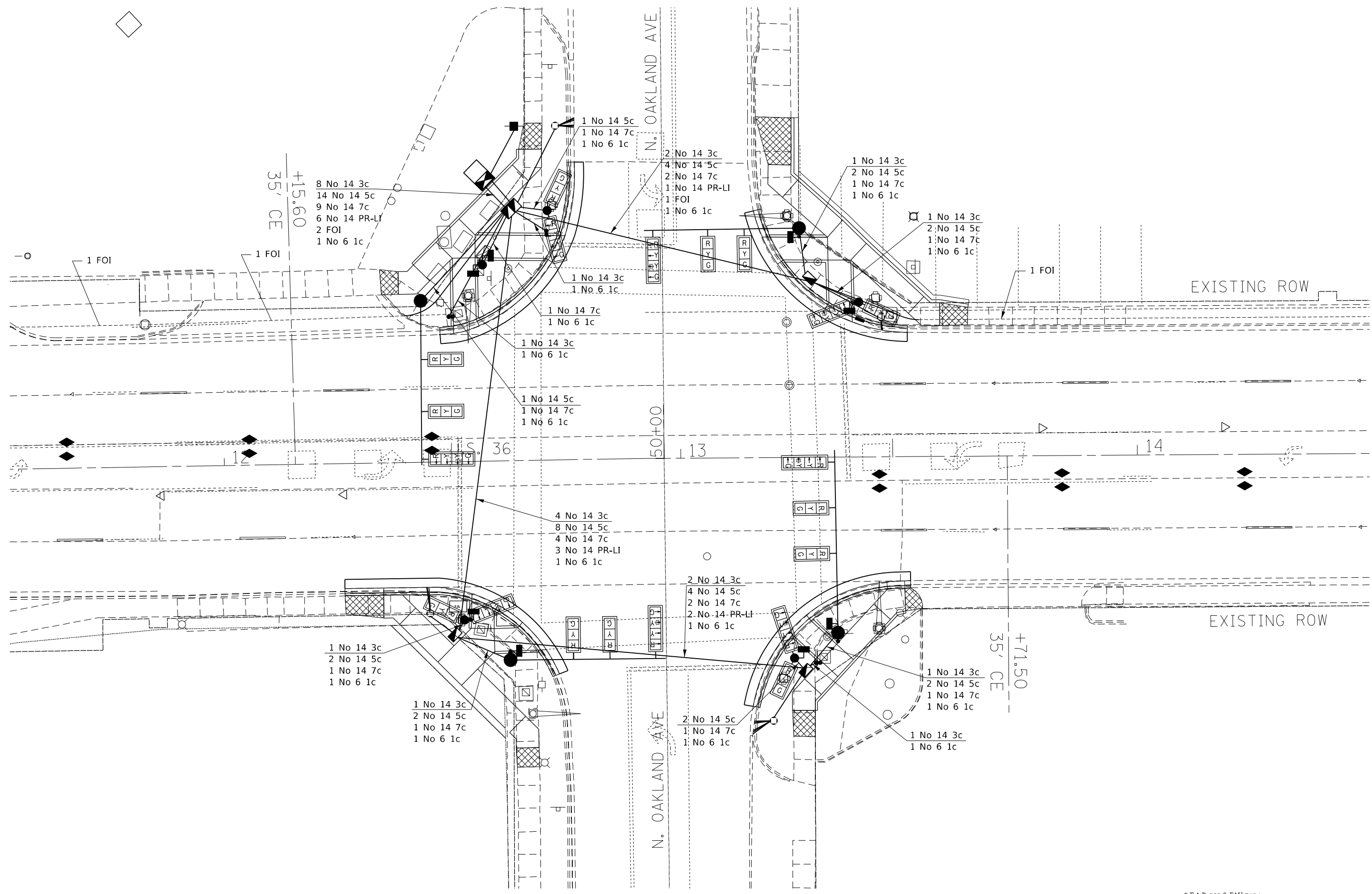
**INTERSECTION OF ELDORADO ST (US RTE 36) & OAKLAND AVE**  
**SIGNAL LAYOUT**

SCALE: NA SHEET 6 OF 9 SHEETS STA. TO STA.

\* F.A.P. 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>INTERSECTION OF ELDERADO ST (US RTE 36) &amp; OAKLAND AVE</b> <b>CABLE LAYOUT</b>			
SCALE: NA	SHEET 7	OF 9 SHEETS	STA. TO STA.

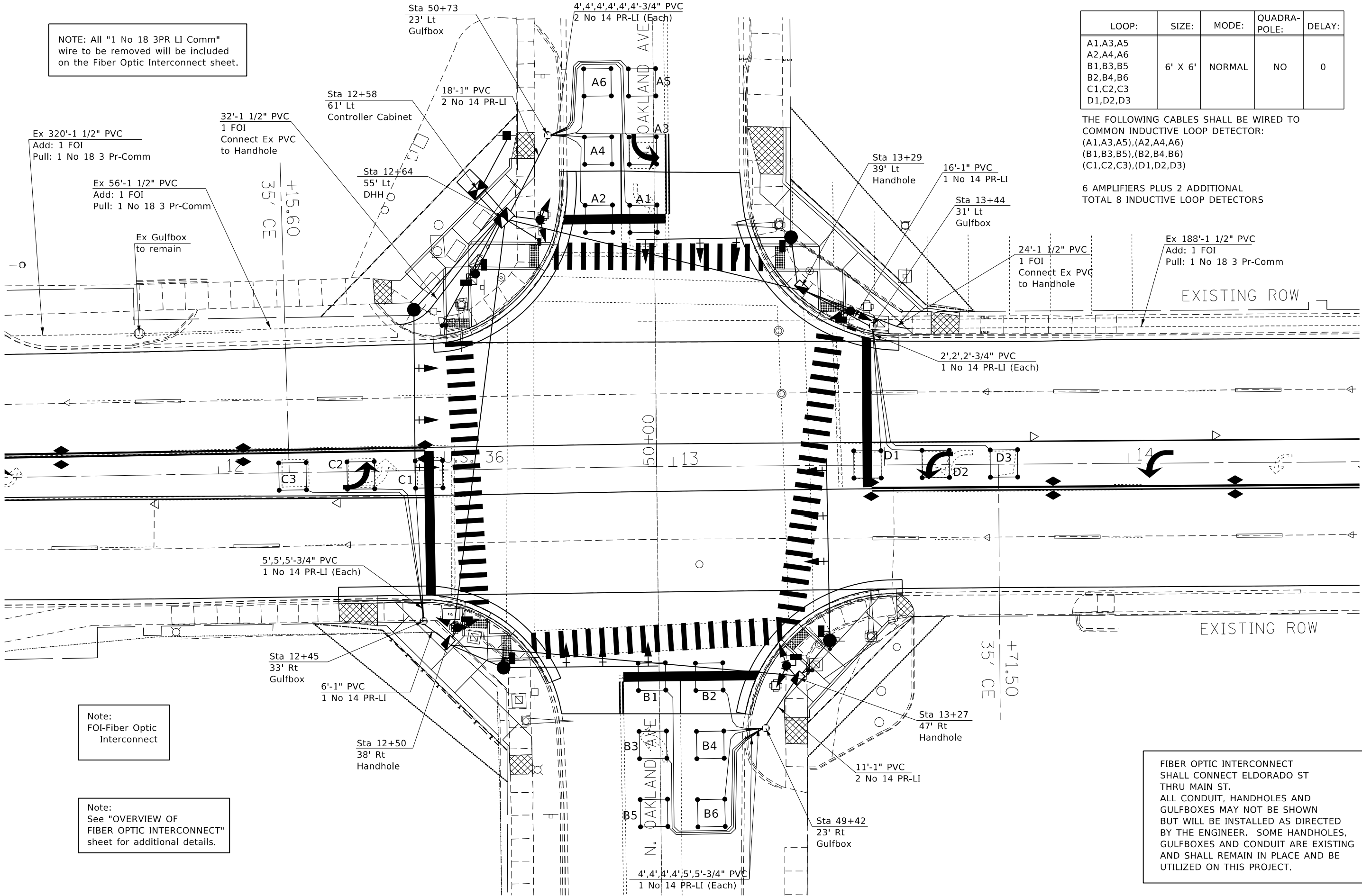
* F.A.P. 323 & FAU 7404				
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*	(13Z,13Z-1)RS-3	MACON	208	116
			CONTRACT NO. 74702	
ILLINOIS				FED. AID PROJECT

NOTE: All "1 No 18 3PR LI Comm" wire to be removed will be included on the Fiber Optic Interconnect sheet.

LOOP:	SIZE:	MODE:	QUADRA-POLE:	DELAY:
A1,A3,A5 A2,A4,A6 B1,B3,B5 B2,B4,B6 C1,C2,C3 D1,D2,D3	6' X 6'	NORMAL	NO	0

THE FOLLOWING CABLES SHALL BE WIRED TO COMMON INDUCTIVE LOOP DETECTOR:  
 (A1,A3,A5),(A2,A4,A6)  
 (B1,B3,B5),(B2,B4,B6)  
 (C1,C2,C3),(D1,D2,D3)

6 AMPLIFIERS PLUS 2 ADDITIONAL  
 TOTAL 8 INDUCTIVE LOOP DETECTORS



Note:  
FOI-Fiber Optic Interconnect

Note:  
See "OVERVIEW OF FIBER OPTIC INTERCONNECT" sheet for additional details.

FIBER OPTIC INTERCONNECT SHALL CONNECT ELDORADO ST THRU MAIN ST. ALL CONDUIT, HANDHOLES AND GULFBOXES MAY NOT BE SHOWN BUT WILL BE INSTALLED AS DIRECTED BY THE ENGINEER. SOME HANDHOLES, GULFBOXES AND CONDUIT ARE EXISTING AND SHALL REMAIN IN PLACE AND BE UTILIZED ON THIS PROJECT.

\* F.A.P. 323 & FAU 7404

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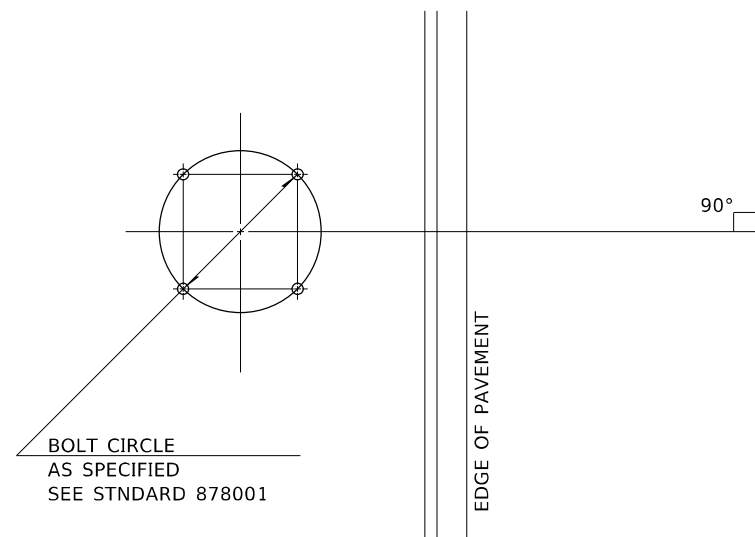
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF ELDORADO ST (US RTE 36) & OAKLAND AVE  
DETECTOR LOOPS & FIBER OPTIC INTERCONNECT

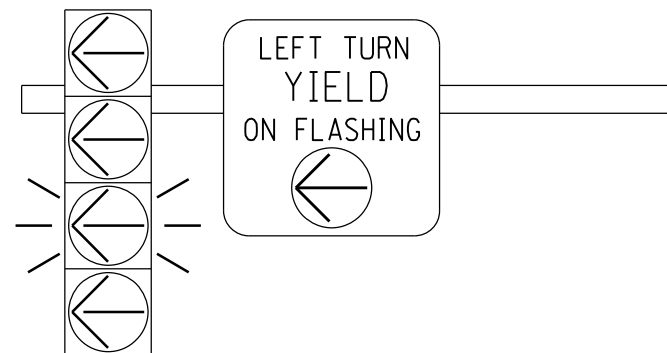
SCALE: NA SHEET 8 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	117
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



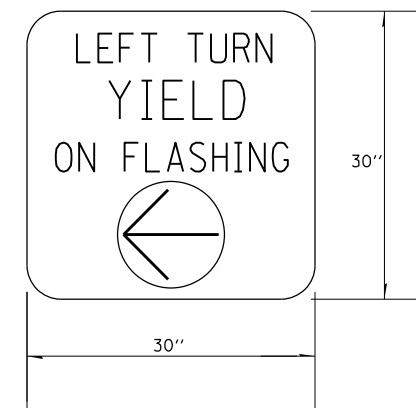


*DETAIL OF MAST ARM FOUNDATION  
BOLT PATTERN*

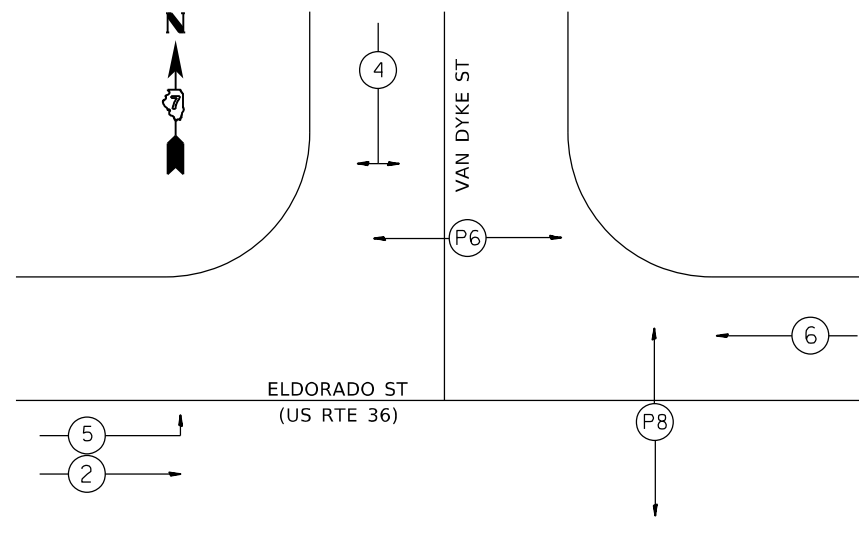


**FLASHING YELLOW ARROW  
SIGN PANEL DETAILS**

1. SIGN SHALL HAVE A BLACK REFLECTORIZED LEGEND AND BORDER ON A WHITE REFLECTORIZED BACKGROUND. ARROW IS YELLOW ON A BLACK BACKGROUND.
2. AP SHEETING.
3. SIGN TO BE INSTALLED DIRECTLY ADJACENT TO FYA SIGNAL HEAD ON MAST ARM.
4. ILLINOIS STANDARD R10-1109a SIGN.



TO BE INSTALLED ON EASTBOUND MAST ARM (STA 26+14.4 35.3' RT)



- VEHICULAR PHASE NO. X — (3) →
- PEDESTRIAN PHASE NO. X — (P1) →
- OVERLAP PHASE NO. X — (B) →

*PHASE DESIGNATION DIAGRAM*

1. SIGN SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.
2. AP SHEETING.
3. UPPER/LOWER CASE LETTERS, HIGHWAY D.



TO BE INSTALLED ON WESTBOUND MAST ARM (STA 25+44 44' LT)  
TO BE INSTALLED ON EASTBOUND MAST ARM (STA 26+14.4 35.3' RT)

**SIGN PANEL DETAILS**

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	PLOT DATE = 12/27/2021	DATE -	REVISIONS -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDORADO ST (US RTE 36) & VAN DYKE ST  
DETAILS**

SCALE: NA SHEET 1 OF 9 SHEETS STA. TO STA.

\* F.A.P. 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(13Z,13Z-1)RS-3	MACON	208	119
CONTRACT NO. 74702				
		ILLINOIS	FED. AID PROJECT	



US RTE 36 (ELDORADO ST) & VAN DYKE ST-BILL OF MATERIALS

ITEM	UNIT	QUANTITY
SIGN PANEL-TYPE 1	SO FT	6.25
SIGN PANEL-TYPE 2	SO FT	42
UNDERGROUND CONDUIT, PVC 3/4" DIA.	FOOT	18
UNDERGROUND CONDUIT, PVC 1" DIA.	FOOT	116
UNDERGROUND CONDUIT, PVC 1 1/2" DIA.	FOOT	154
UNDERGROUND CONDUIT, PVC 2" DIA.	FOOT	10
UNDERGROUND CONDUIT, PVC 4" DIA.	FOOT	135
UNDERGROUND CONDUIT, PVC 5" DIA.	FOOT	3
HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	1
GULFBOX JUNCTION	EACH	2
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
FLASHER CONTROLLER	EACH	1
TRANSCEIVER-FIBER OPTIC	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO 62.5/125, MM12F SM12F	FOOT	1306
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 3C	FOOT	565
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 5C	FOOT	1008
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 7C	FOOT	264
ELECTRIC CABLE IN CONDUIT, LEAD-IN NO 14 1 PAIR	FOOT	287
ELECTRIC CABLE IN CONDUIT, SERVICE, NO 6 2C	FOOT	15
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	339
TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT	EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT	EACH	3
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT	EACH	1
PEDESTRIAN PUSH BUTTON POST	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	18
CONCRETE FOUNDATION, TYPE D	FOOT	3.5
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	27
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	11
INDUCTIVE LOOP DETECTOR	EACH	4
DETECTOR LOOP, TYPE 1	FOOT	301
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING SERVICE INSTALLATION	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1475
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	5
REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4

\* F.A.P. 323 & FAU 7404

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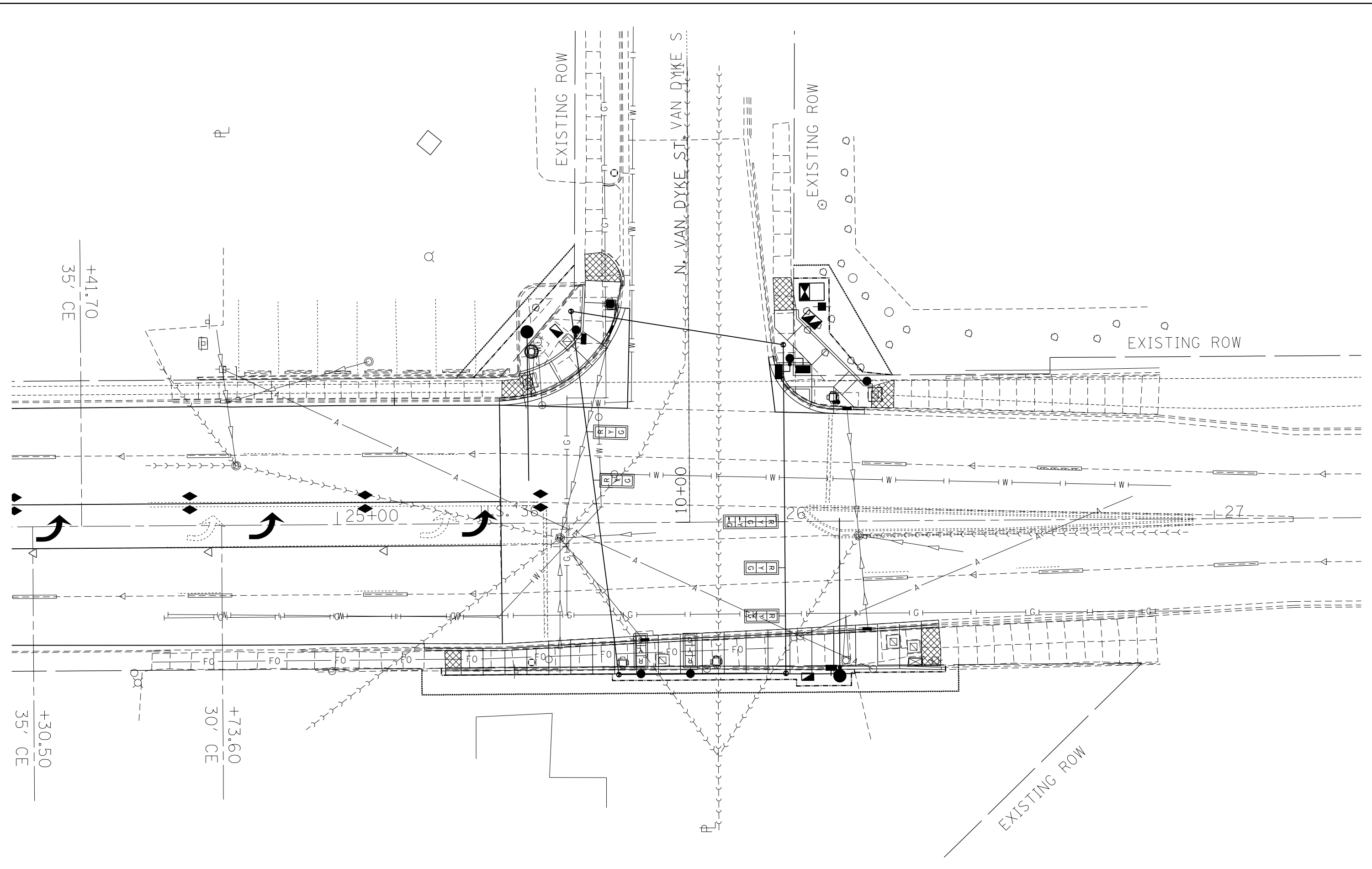
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF ELDORADO ST (US RTE 36) & VAN DYKE ST  
BILL OF MATERIALS

SCALE: NA SHEET 2 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	120
CONTRACT NO. 74702				
	ILLINOIS	FED. AID PROJECT		

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\* F.A.P. 323 & FAU 7404

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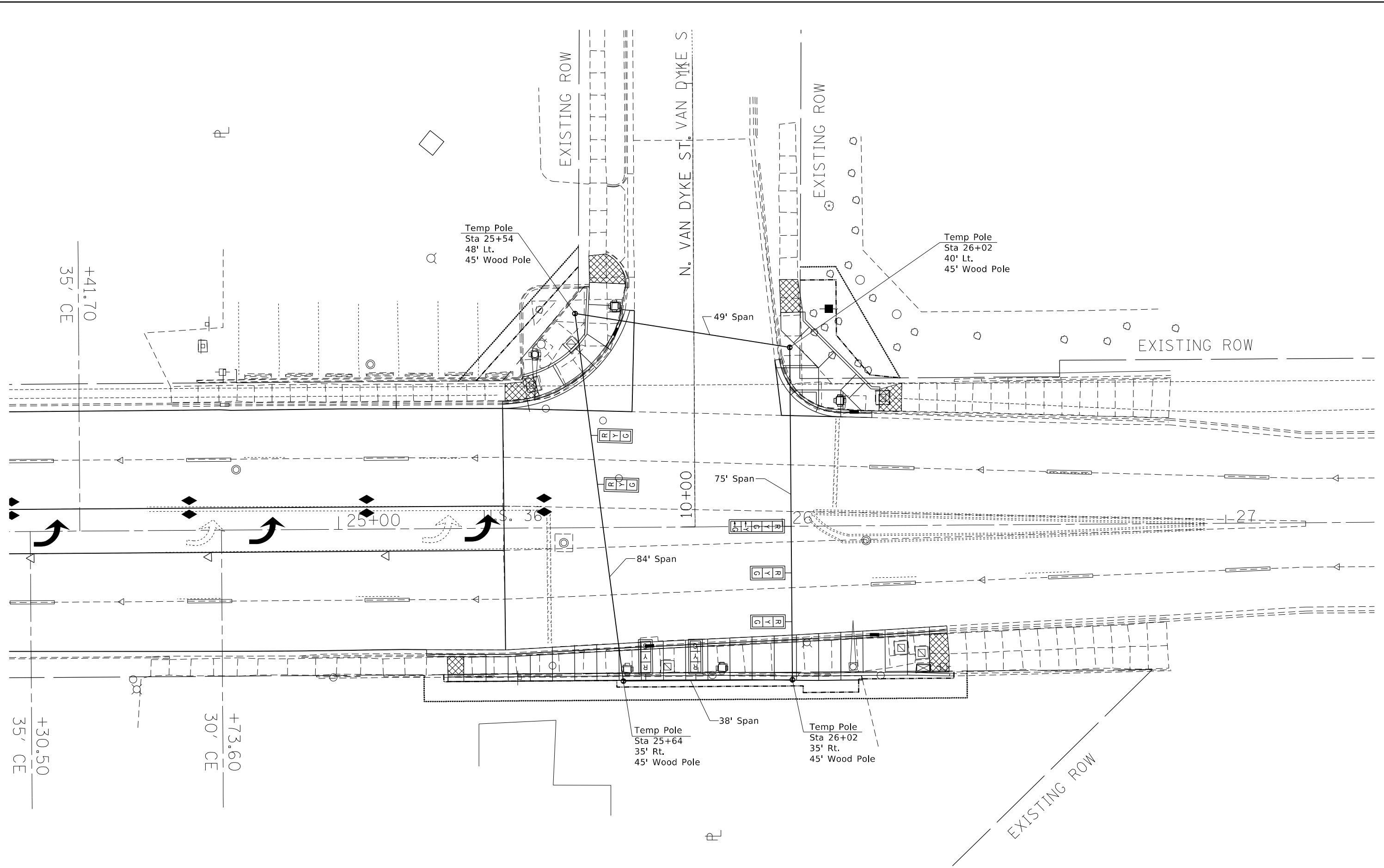
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDORADO ST (US RTE 36) & VAN DYKE ST**  
**EXISTING UTILITY LAYOUT**

SCALE: NA    SHEET 3 OF 9 SHEETS    STA.    TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	121
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDORADO ST (US RTE 36) & VAN DYKE ST**  
**TEMPORARY SIGNALS**

SCALE: NA    SHEET 4    OF 9    SHEETS    STA.    TO STA.

\* F.A.P. 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	122
CONTRACT NO. 74702				
ILLINOIS		FED. AID PROJECT		

**REMOVAL ITEMS**

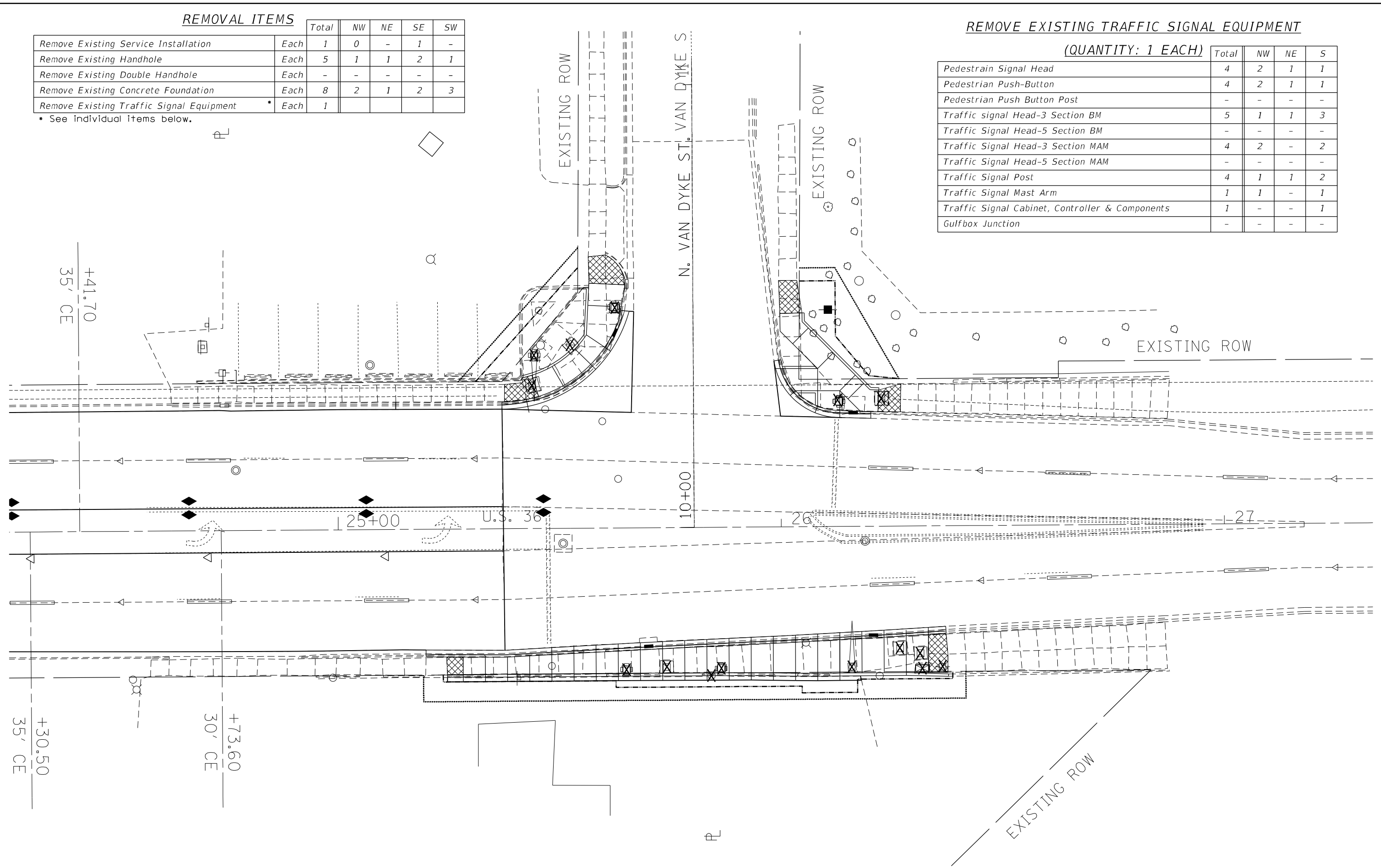
		Total	NW	NE	SE	SW
Remove Existing Service Installation	Each	1	0	-	1	-
Remove Existing Handhole	Each	5	1	1	2	1
Remove Existing Double Handhole	Each	-	-	-	-	-
Remove Existing Concrete Foundation	Each	8	2	1	2	3
Remove Existing Traffic Signal Equipment	* Each	1				

\* See individual items below.

**REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT**

(QUANTITY: 1 EACH)

	Total	NW	NE	S
Pedestrian Signal Head	4	2	1	1
Pedestrian Push-Button	4	2	1	1
Pedestrian Push Button Post	-	-	-	-
Traffic signal Head-3 Section BM	5	1	1	3
Traffic Signal Head-5 Section BM	-	-	-	-
Traffic Signal Head-3 Section MAM	4	2	-	2
Traffic Signal Head-5 Section MAM	-	-	-	-
Traffic Signal Post	4	1	1	2
Traffic Signal Mast Arm	1	1	-	1
Traffic Signal Cabinet, Controller & Components	1	-	-	1
Gulfbox Junction	-	-	-	-



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

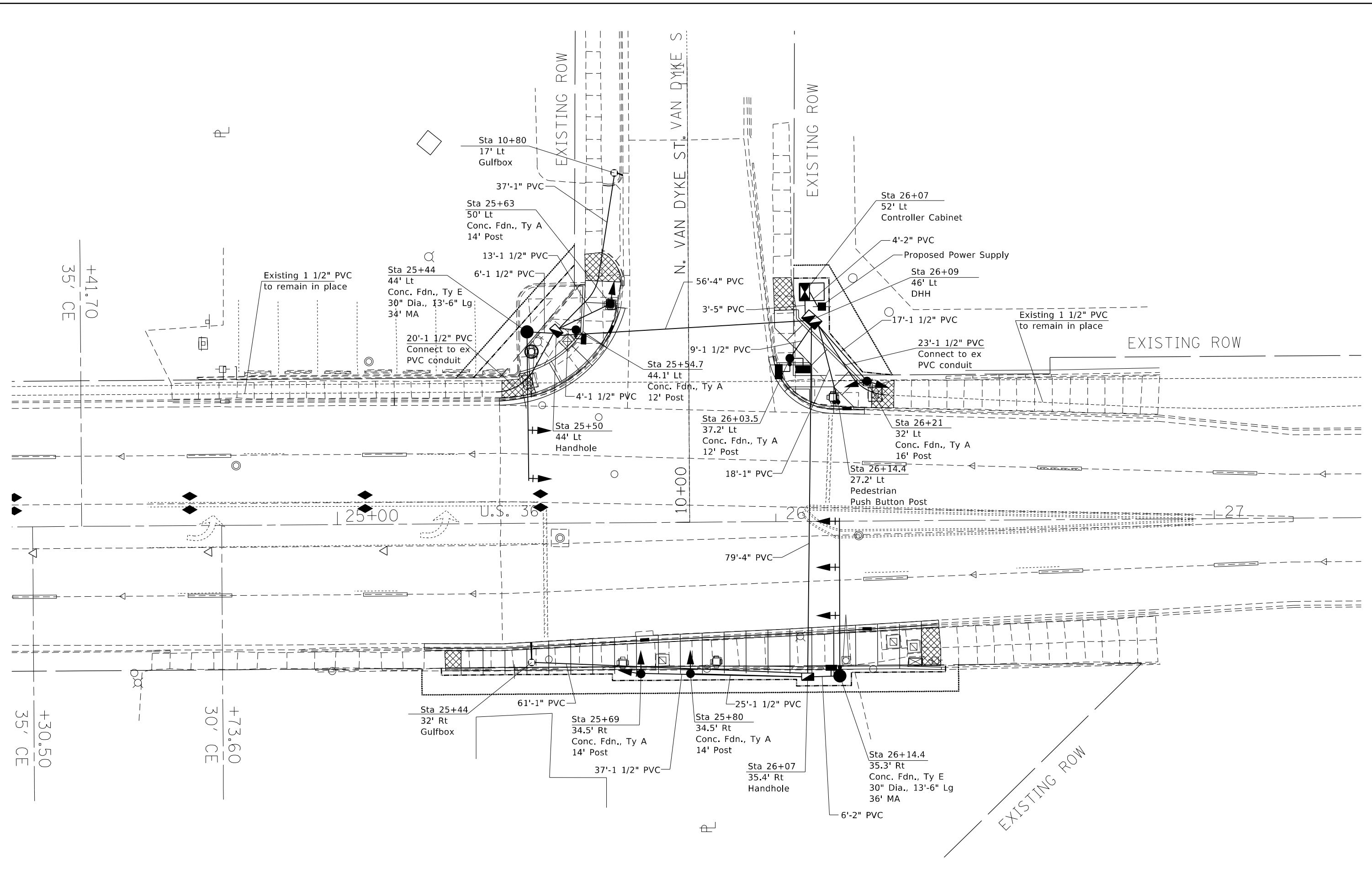
**INTERSECTION OF ELDORADO ST (US RTE 36) & VAN DYKE ST  
TRAFFIC SIGNAL REMOVAL ITEMS**

SCALE: NA SHEET 5 OF 9 SHEETS STA. TO STA.

\* F.A.P. 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 74702	
		ILLINOIS FED. AID PROJECT		

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\* F.A.P. 323 & FAU 7404

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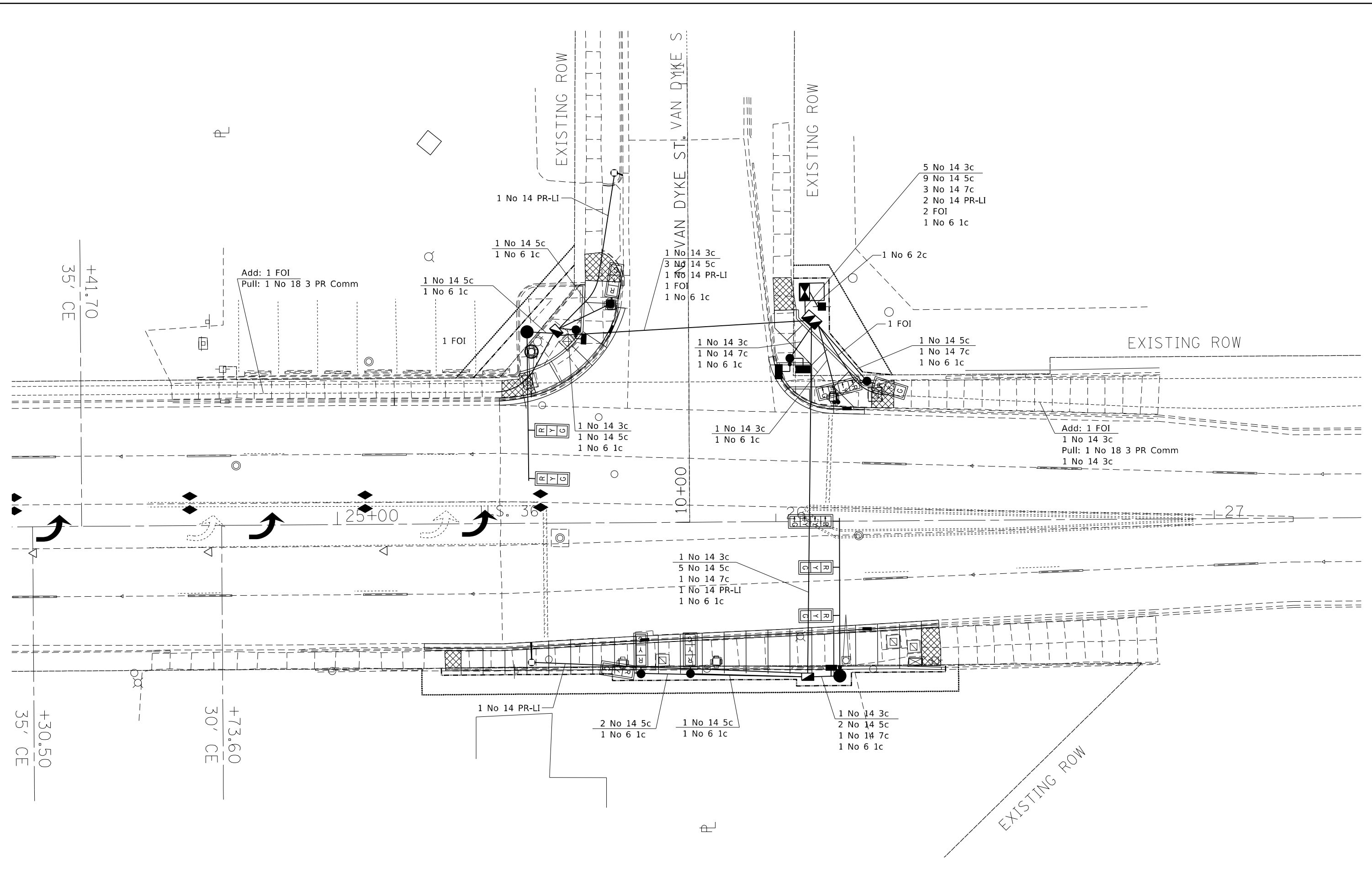
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDORADO ST (US RTE 36) & VAN DYKE ST**  
**SIGNAL LAYOUT**

SCALE: NA SHEET 6 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(132,13Z-1)RS-3	MACON	208	124
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

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DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDORADO ST (US RTE 36) & VAN DYKE ST**  
**CABLE LAYOUT**

SCALE: NA    SHEET 7 OF 9 SHEETS    STA.    TO STA.

* F.A.P. 323 & FAU 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(13Z,13Z-1)RS-3	MACON	208	125
			CONTRACT NO. 74702	
ILLINOIS FED. AID PROJECT				

Note: All "1 No 18 3 PR LI Comm" wire to be removed will be included on the Fiber Optic Interconnect sheet.

LOOP:	SIZE:	MODE:	QUADRA-POLE:	DELAY:
A1,A2,A3 C1,C2,C3	6' X 6'	NORMAL	NO	0

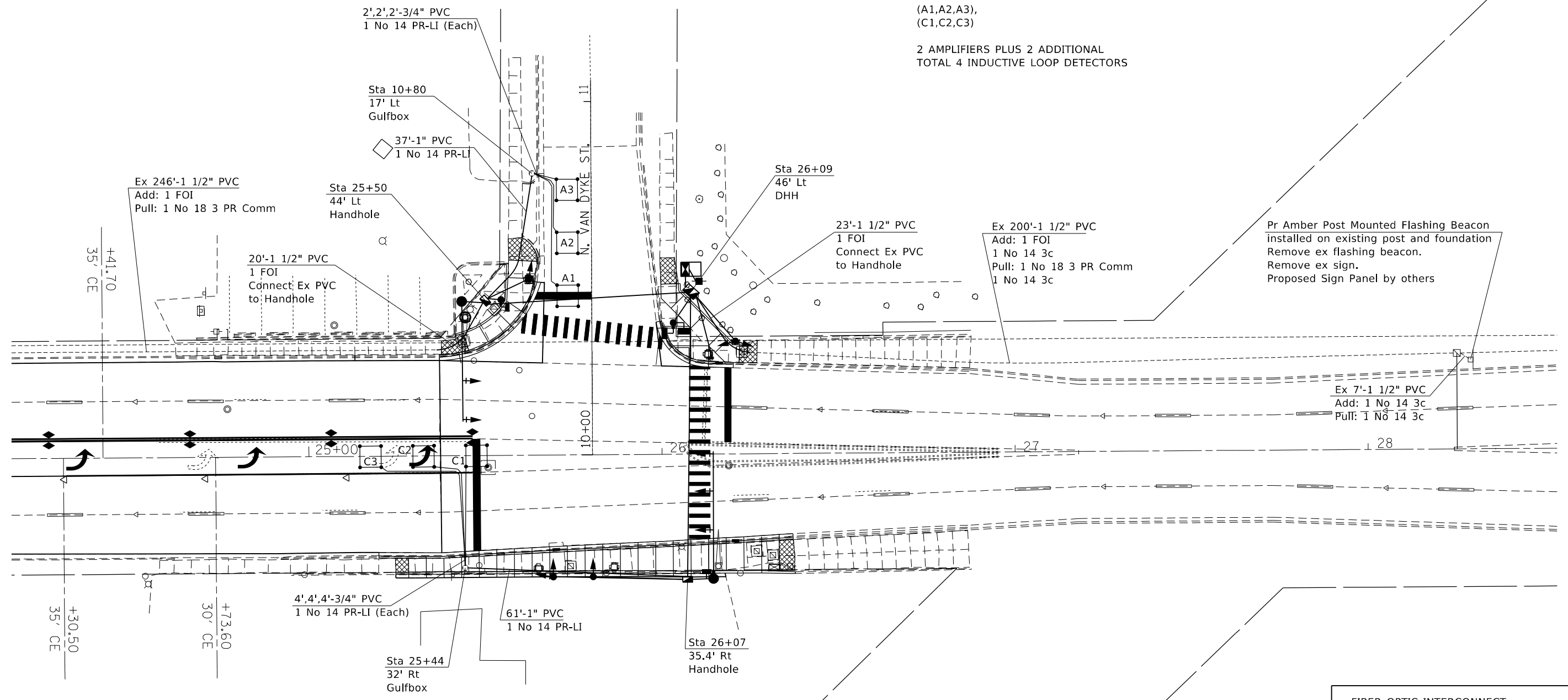
THE FOLLOWING CABLES SHALL BE WIRED TO COMMON INDUCTIVE LOOP DETECTOR:  
(A1,A2,A3),  
(C1,C2,C3)

2 AMPLIFIERS PLUS 2 ADDITIONAL  
TOTAL 4 INDUCTIVE LOOP DETECTORS

Pr Amber Post Mounted Flashing Beacon installed on existing post and foundation. Remove ex flashing beacon. Remove ex sign. Proposed Sign Panel by others

Ex 7'-1 1/2" PVC  
Add: 1 No 14 3c  
Pull: 1 No 14 3c

FIBER OPTIC INTERCONNECT SHALL CONNECT ELDORADO ST THRU MAIN ST. ALL CONDUIT, HANDHOLES AND GULFBOXES MAY NOT BE SHOWN BUT WILL BE INSTALLED AS DIRECTED BY THE ENGINEER. SOME HANDHOLES, GULFBOXES AND CONDUIT ARE EXISTING AND SHALL REMAIN IN PLACE AND BE UTILIZED ON THIS PROJECT. FIBER OPTIC INTERCONNECT GULFBOXES OR HANDHOLES WILL BE IDENTIFIED AS: "I-X".



Note:  
FOI-Fiber Optic Interconnect

Note:  
See "OVERVIEW OF FIBER OPTIC CONNECT" sheet for additional details.

\* F.A.P. 323 & FAU 7404

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDORADO ST (US RTE 36) & VAN DYKE ST  
DETECTOR LOOPS & FIBER OPTIC INTERCONNECT**

SCALE: NA SHEET 8 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(132,13Z-1)RS-3	MACON	208	126
CONTRACT NO. 74702				
ILLINOIS		FED. AID PROJECT		



# SOIL BORING LOG

Date 6/3/19

ROUTE FAP 323 (US 36) DESCRIPTION Northwest Quadrant LOGGED BY E. Sandschafer

SECTION (13Z,13Z-1)RS-3 LOCATION Van Dyke at US 36, SEC. 15, TWP. 16N, RNG. 2E, 3 PM

COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. Traffic Signal  
Station 25+44 44' Lt

BORING NO. B-1 - Van Dyke  
Station 25+28  
Offset 25.0ft Lt  
Ground Surface Elev. 664.35

D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. N/A ft	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)
-------------------------------	--------------------------------	----------------------------	------------------------------	----------------------------	-------------------------------	--------------------------------	----------------------------	------------------------------

3" Asphalt over 6" Concrete over 7" Sand								
663.05								
Medium, moist, brown, SILTY LOAM	1							
	2	0.4	19					
	3	B						
	4							
	-5							
658.65	5	1.0	15					
Stiff, moist, brown, CLAY LOAM	7	P						
657.35								
Hard, moist, brown, CLAY LOAM Till	5							
	9	4.5	12					
	11	B						
	6							
Very stiff	9	2.7	12					
	12	B						
	6							
Hard	9	4.3	12					
	12	B						
	9							
Very stiff	9	3.7	12					
	14	B						
	11							
Hard	14	9.7	11					
	30	B						
645.85								
Extent of Exploration								
	-20							

Benchmark: BM 205 - Chiseled "L" on Southeast corner of 2.5' x 2.5' concrete base of traffic signal mast arm in Northwest Quadrant of "T" intersection of Eldorado Street (US 36) and VanDyke Street.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)  
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, Form 137 (Rev. 8-99)

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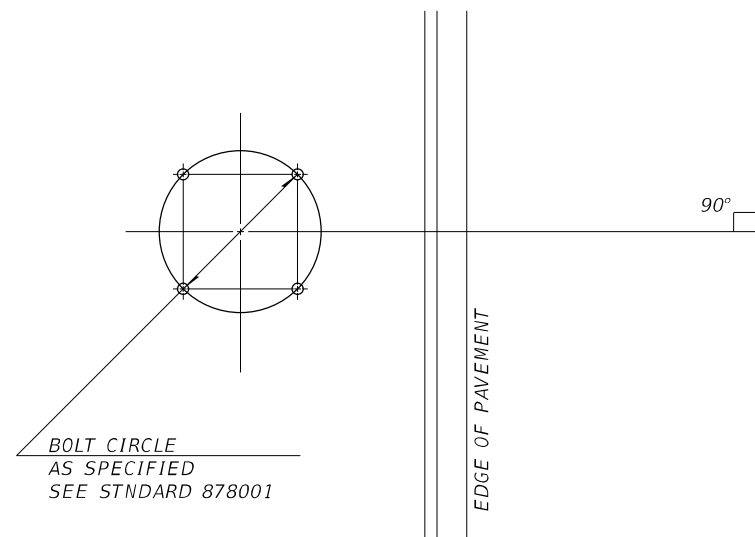
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF ELDORADO ST (US RTE 36) & VAN DYKE ST  
BORING LOGS

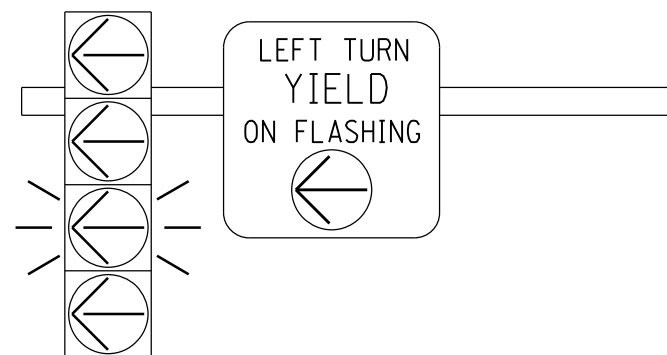
SCALE: NA SHEET 9 OF 9 SHEETS STA. TO STA.

* F.A.P. 323 & FAU 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	127
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



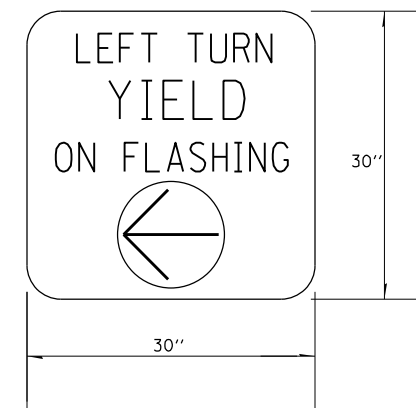


DETAIL OF MAST ARM FOUNDATION  
BOLT PATTERN

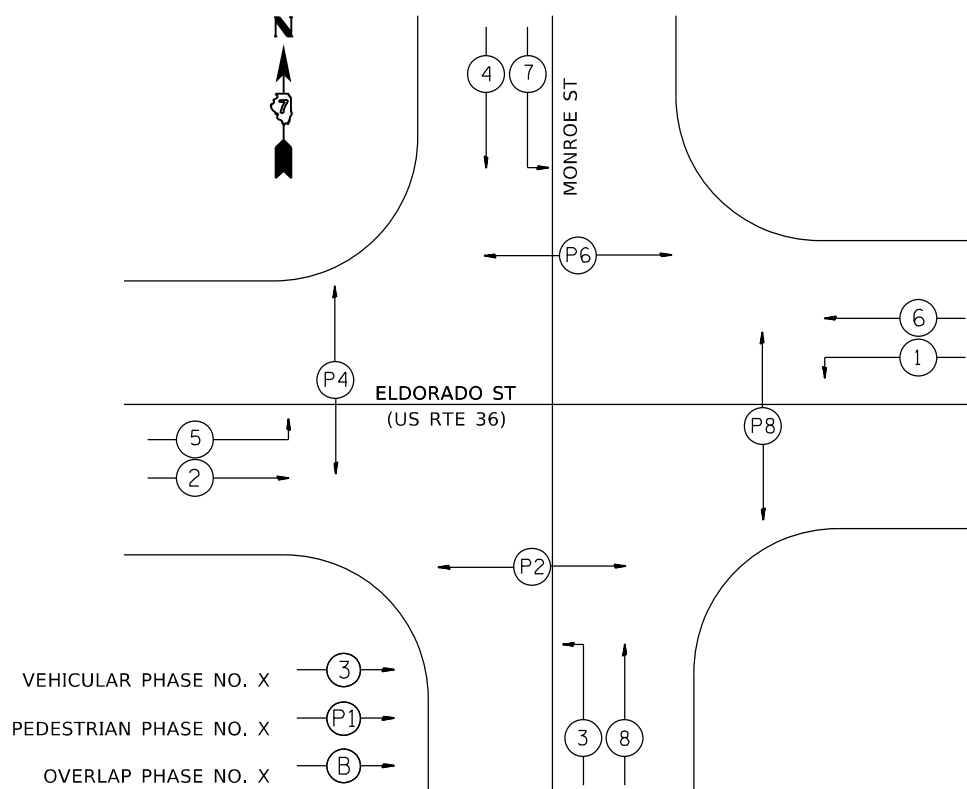


FLASHING YELLOW ARROW  
SIGN PANEL DETAILS

1. SIGN SHALL HAVE A BLACK REFLECTORIZED LEGEND AND BORDER ON A WHITE REFLECTORIZED BACKGROUND. ARROW IS YELLOW ON A BLACK BACKGROUND.
2. AP SHEETING.
3. SIGN TO BE INSTALLED DIRECTLY ADJACENT TO FYA SIGNAL HEAD ON MAST ARM.
4. ILLINOIS STANDARD R10-I109a SIGN.



TO BE INSTALLED ON WESTBOUND MAST ARM (STA 38+17.7 40.5' LT)  
TO BE INSTALLED ON EASTBOUND MAST ARM (STA 39+22.9 49.8' RT)  
TO BE INSTALLED ON SOUTHBOUND MAST ARM (STA 38+37.4 46.1' RT)  
TO BE INSTALLED ON NORTHBOUND MAST ARM (STA 39+21.1 59.2' LT)



PHASE DESIGNATION DIAGRAM

1. SIGN SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.
2. AP SHEETING.
3. UPPER/LOWER CASE LETTERS, HIGHWAY D.



TO BE INSTALLED ON WESTBOUND MAST ARM (STA 38+17.7 40.5' LT)  
TO BE INSTALLED ON EASTBOUND MAST ARM (STA 39+22.9 49.8' RT)

1. SIGN SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.
2. AP SHEETING.
3. UPPER/LOWER CASE LETTERS, HIGHWAY D.



TO BE INSTALLED ON SOUTHBOUND MAST ARM (STA 38+37.4 46.1' RT)  
TO BE INSTALLED ON NORTHBOUND MAST ARM (STA 39+21.1 59.2' LT)

SIGN PANEL DETAILS

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF ELDORADO ST (US RTE 36) & MONROE ST  
DETAILS

SCALE: NA SHEET 1 OF 9 SHEETS STA. TO STA.

\* F.A.P. 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(13Z,13Z-1)RS-3	MACON	208	128
CONTRACT NO. 74702				
		ILLINOIS FED. AID PROJECT		

US RTE 36 (ELDORADO ST) & MONROE ST-BILL OF MATERIALS

ITEM	UNIT	QUANTITY
SIGN PANEL-TYPE 1	SO FT	25
SIGN PANEL-TYPE 2	SO FT	72
UNDERGROUND CONDUIT, PVC 3/4" DIA.	FOOT	115
UNDERGROUND CONDUIT, PVC 1" DIA.	FOOT	21
UNDERGROUND CONDUIT, PVC 1 1/2" DIA.	FOOT	112
UNDERGROUND CONDUIT, PVC 2" DIA.	FOOT	80
UNDERGROUND CONDUIT, PVC 4" DIA.	FOOT	253
UNDERGROUND CONDUIT, PVC 5" DIA.	FOOT	14
HANDHOLE	EACH	3
DOUBLE HANDHOLE	EACH	1
GULFBOX JUNCTION	EACH	2
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
TRANSCIVER-FIBER OPTIC	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO 62.5/125, 6F	FOOT	922
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 3C	FOOT	1052
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 5C	FOOT	2045
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 7C	FOOT	1488
ELECTRIC CABLE IN CONDUIT, LEAD-IN NO 14 1 PAIR	FOOT	999
ELECTRIC CABLE IN CONDUIT, SERVICE, NO 6 2C	FOOT	15
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	448
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT	EACH	4
PEDESTRIAN PUSH BUTTON POST	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 50 FT	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE D	FOOT	3.5
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	56
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	9
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION BRACKET MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	21
INDUCTIVE LOOP DETECTOR	EACH	10
DETECTOR LOOP, TYPE 1	FOOT	1323
PEDESTRIAN PUSH-BUTTON	EACH	8
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING SERVICE INSTALLATION	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	718
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	5
REMOVE EXISTING CONCRETE FOUNDATION	EACH	13
SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

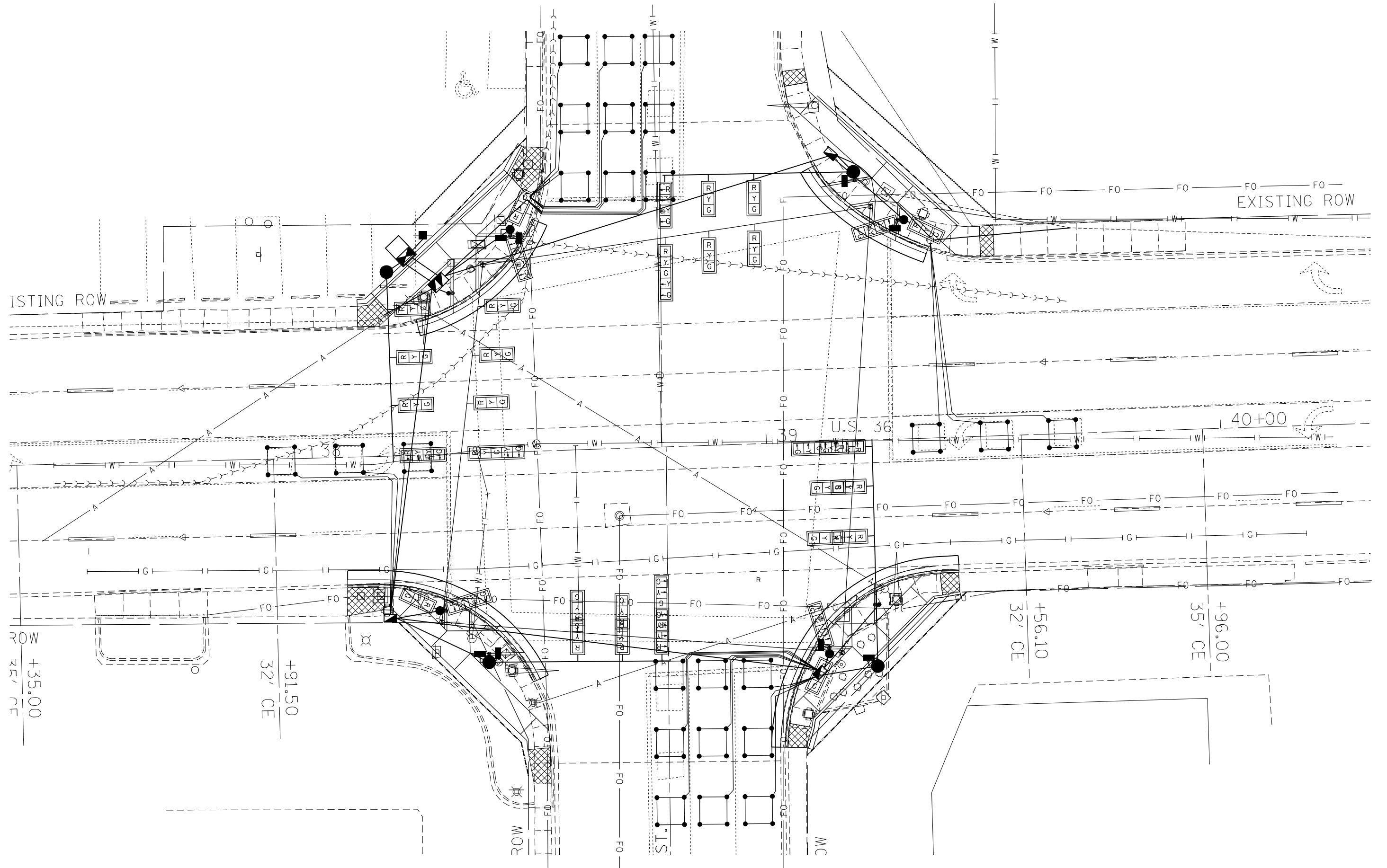
**INTERSECTION OF ELDORADO ST (US RTE 36) & MONROE ST  
BILL OF MATERIALS**

SCALE: NA SHEET 2 OF 9 SHEETS STA. TO STA.

\*F.A.P. 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z)RS-3	MACON	208	129
CONTRACT NO. 74702				
		ILLINOIS	FED. AID PROJECT	

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

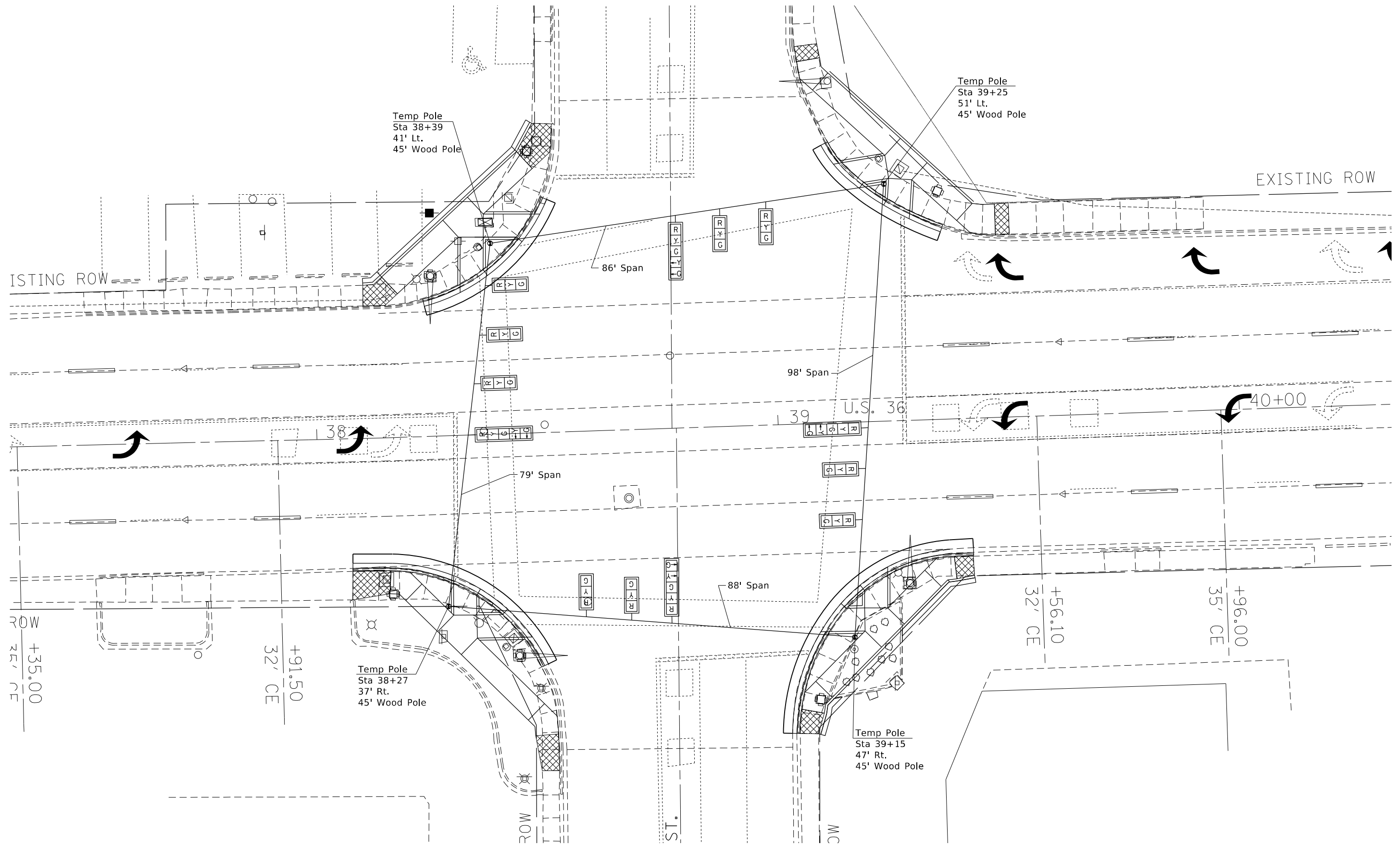
**INTERSECTION OF ELDORADO ST (US RTE 36) & MONROE ST**  
**EXISTING UTILITY LAYOUT**

SCALE: NA      SHEET 3 OF 9 SHEETS      STA.      TO STA.

\* F.A.P. 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	130
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

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\* F.A.P. 323 & FAU 7404

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PLOT DATE = 12/27/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDORADO ST (US RTE 36) & MONROE ST**  
**TEMPORARY SIGNALS**

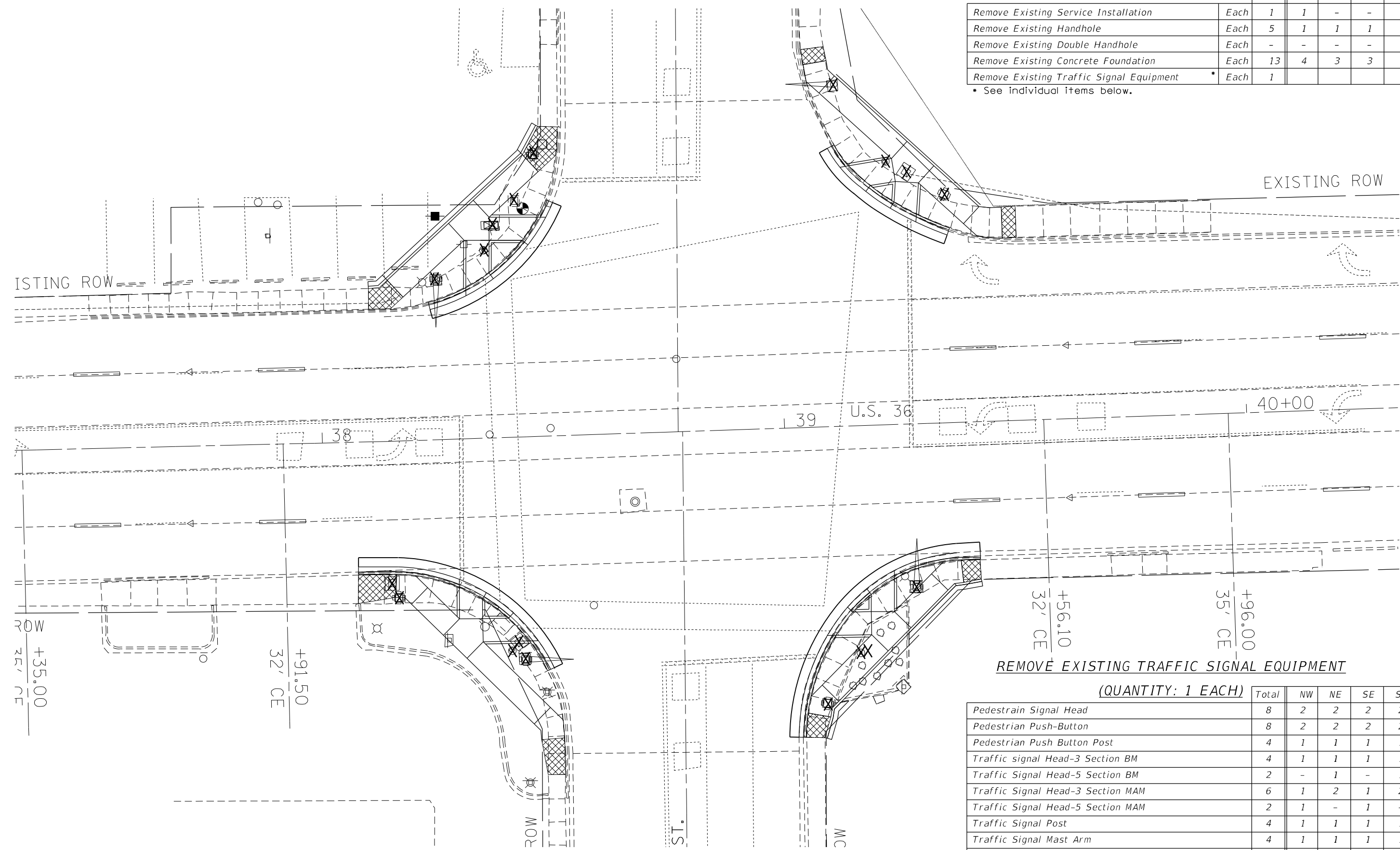
SCALE: NA SHEET 4 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	131
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

**REMOVAL ITEMS**

	Total	NW	NE	SE	SW
Remove Existing Service Installation	Each 1	1	-	-	-
Remove Existing Handhole	Each 5	1	1	1	2
Remove Existing Double Handhole	Each -	-	-	-	-
Remove Existing Concrete Foundation	Each 13	4	3	3	3
Remove Existing Traffic Signal Equipment	Each 1				

\* See individual items below.



**REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT**

(QUANTITY: 1 EACH)

	Total	NW	NE	SE	SW
Pedestrian Signal Head	8	2	2	2	2
Pedestrian Push-Button	8	2	2	2	2
Pedestrian Push Button Post	4	1	1	1	1
Traffic signal Head-3 Section BM	4	1	1	1	1
Traffic Signal Head-5 Section BM	2	-	1	-	1
Traffic Signal Head-3 Section MAM	6	1	2	1	2
Traffic Signal Head-5 Section MAM	2	1	-	1	-
Traffic Signal Post	4	1	1	1	1
Traffic Signal Mast Arm	4	1	1	1	1
Traffic Signal Cabinet, Controller & Components	1	1	-	-	-
Gulfbbox Junction	-	-	-	-	-

\* F.A.P. 323 & FAU 7104

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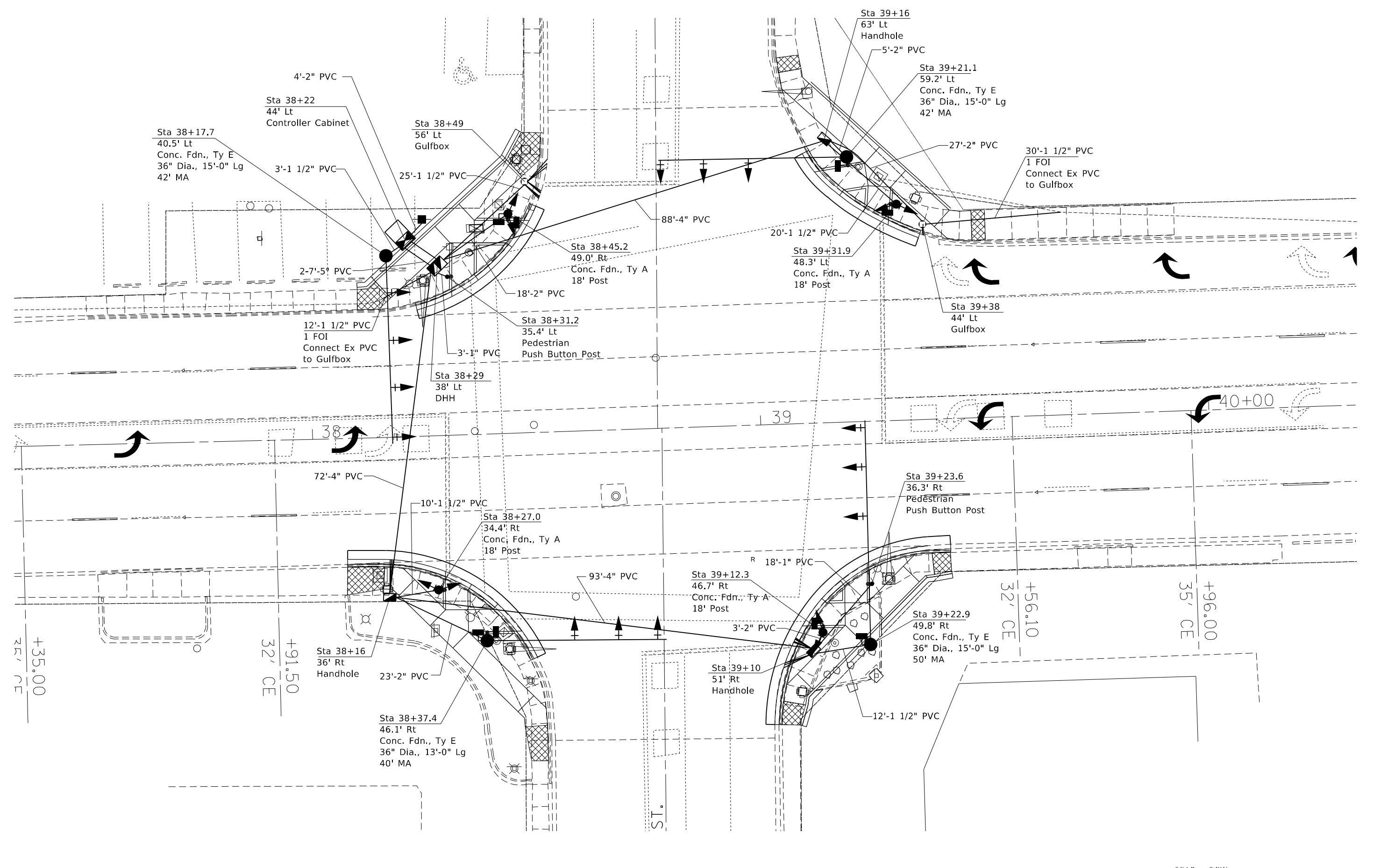
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDORADO ST (US RTE 36) & MONROE ST  
TRAFFIC SIGNAL REMOVAL ITEMS**

SCALE: NA SHEET 5 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	132
			CONTRACT NO. 74702	
		ILLINOIS	FED. AID PROJECT	

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\* F.A.P. 323 & FAU 7404

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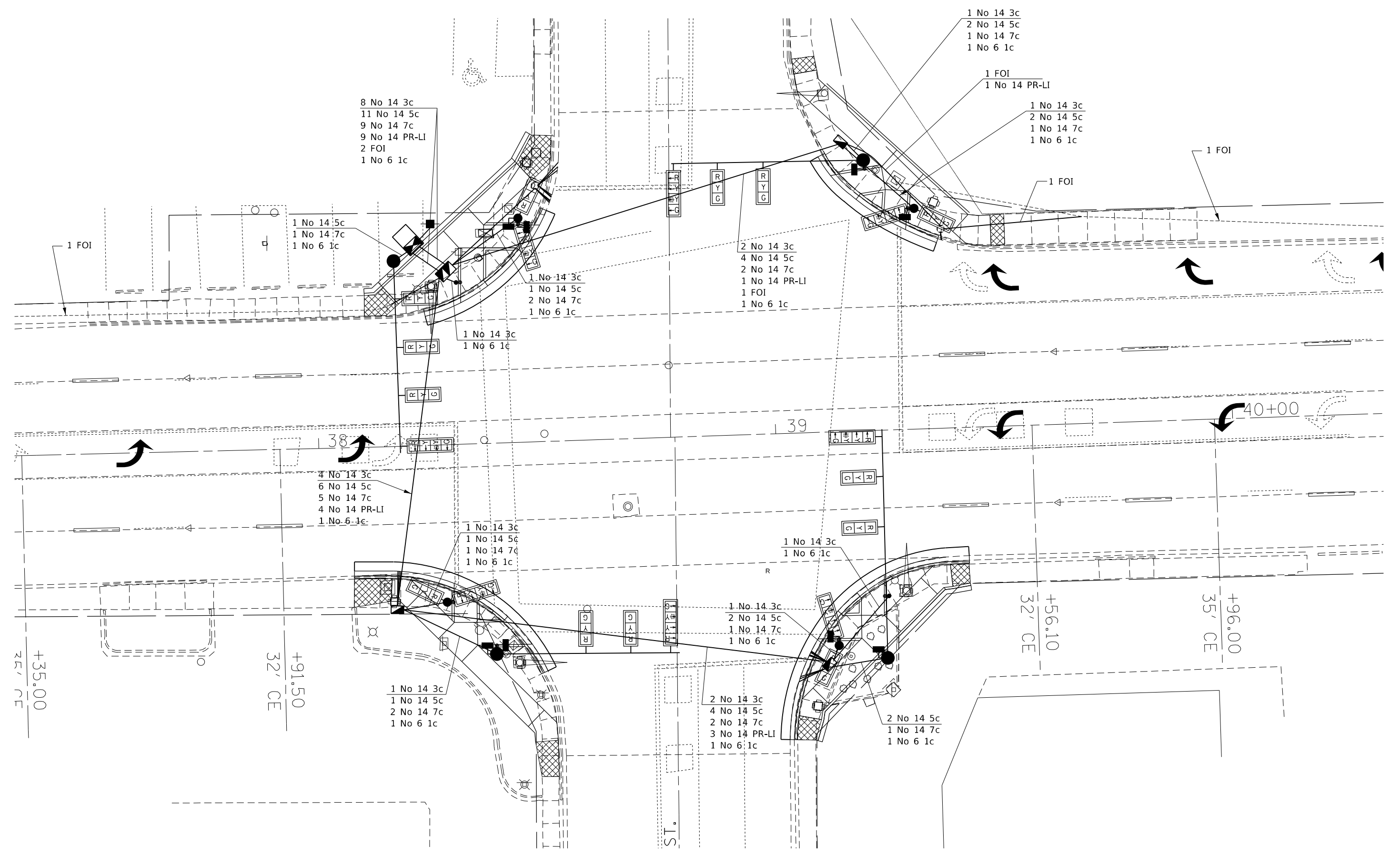
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDORADO ST (US RTE 36) & MONROE ST**  
**SIGNAL LAYOUT**

SCALE: NA    SHEET 6 OF 9 SHEETS    STA.    TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	133
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

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\* F.A.P. 323 & FAU 7404

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDERADO ST (US RTE 36) & MONROE ST**  
**CABLE LAYOUT**

SCALE: NA SHEET 7 OF 9 SHEETS STA. TO STA.

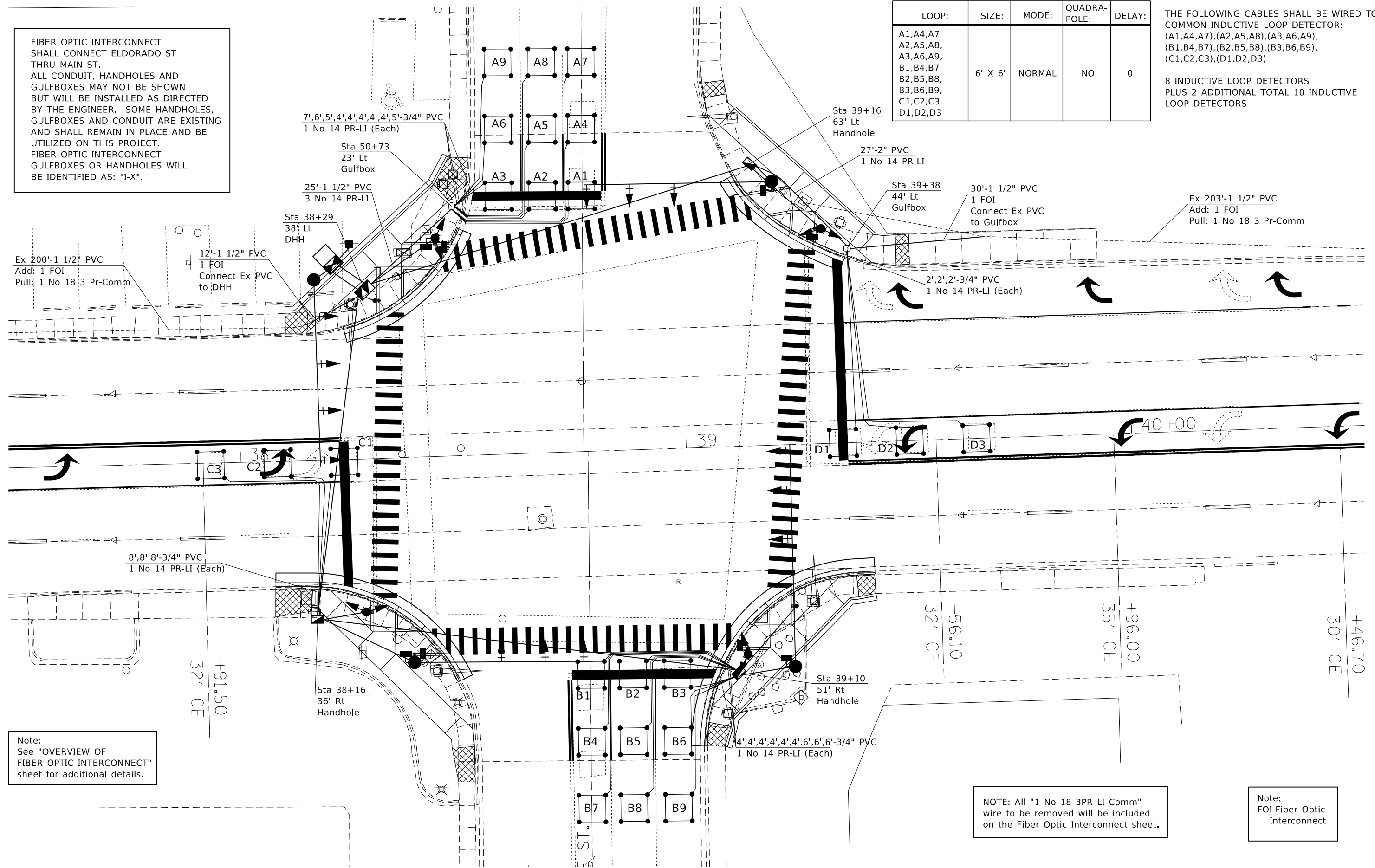
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	134
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

FIBER OPTIC INTERCONNECT SHALL CONNECT ELDORADO ST THRU MAIN ST. ALL CONDUIT, HANDHOLES AND GULFBOXES MAY NOT BE SHOWN BUT WILL BE INSTALLED AS DIRECTED BY THE ENGINEER. SOME HANDHOLES, GULFBOXES AND CONDUIT ARE EXISTING AND SHALL REMAIN IN PLACE AND BE UTILIZED ON THIS PROJECT. FIBER OPTIC INTERCONNECT GULFBOXES OR HANDHOLES WILL BE IDENTIFIED AS: "I-X".

LOOP:	SIZE:	MODE:	QUADRA-POLE:	DELAY:
A1,A4,A7 A2,A5,A8, A3,A6,A9, B1,B4,B7 B2,B5,B8, B3,B6,B9, C1,C2,C3 D1,D2,D3	6' X 6'	NORMAL	NO	0

THE FOLLOWING CABLES SHALL BE WIRED TO COMMON INDUCTIVE LOOP DETECTOR:  
(A1,A4,A7),(A2,A5,A8),(A3,A6,A9),  
(B1,B4,B7),(B2,B5,B8),(B3,B6,B9),  
(C1,C2,C3),(D1,D2,D3)

8 INDUCTIVE LOOP DETECTORS  
PLUS 2 ADDITIONAL TOTAL 10 INDUCTIVE  
LOOP DETECTORS



Note:  
See "OVERVIEW OF  
FIBER OPTIC INTERCONNECT"  
sheet for additional details.

NOTE: All "1 No 18 3PR LI Comm"  
wire to be removed will be included  
on the Fiber Optic Interconnect sheet.

Note:  
FOI-Fiber Optic  
Interconnect

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PLOT DATE = 12/27/2021	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF ELDORADO ST (US RTE 36) & MONROE ST  
DETECTOR LOOPS & FIBER OPTIC INTERCONNECT

SCALE: NA SHEET 8 OF 9 SHEETS STA. TO STA.

\* F.A.P. 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	135
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				





SOIL BORING LOG

Page 1 of 1

Date 6/27/19

ROUTE FAP 323 (US 36) DESCRIPTION Southwest Quadrant LOGGED BY E. Sandschafer

SECTION (13Z,13Z-1)RS-3 LOCATION Monroe at US 36, SEC. 15, TWP. 16N, RNG. 2E, 3 PM

COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

Table with columns for STRUCT. NO., BORING NO., DEPTH (ft), BLOW S (ft), UCS (tsf), MOIST (%), Surface Water Elev., Stream Bed Elev., Groundwater Elev., and soil descriptions.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating



SOIL BORING LOG

Page 1 of 1

Date 6/27/19

ROUTE FAP 323 (US 36) DESCRIPTION Northeast Quadant LOGGED BY E. Sandschafer

SECTION (13Z,13Z-1)RS-3 LOCATION Monroe at US 36, SEC. 15, TWP. 16N, RNG. 2E, 3 PM

COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

Table with columns for STRUCT. NO., BORING NO., DEPTH (ft), BLOW S (ft), UCS (tsf), MOIST (%), Surface Water Elev., Stream Bed Elev., Groundwater Elev., and soil descriptions.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating

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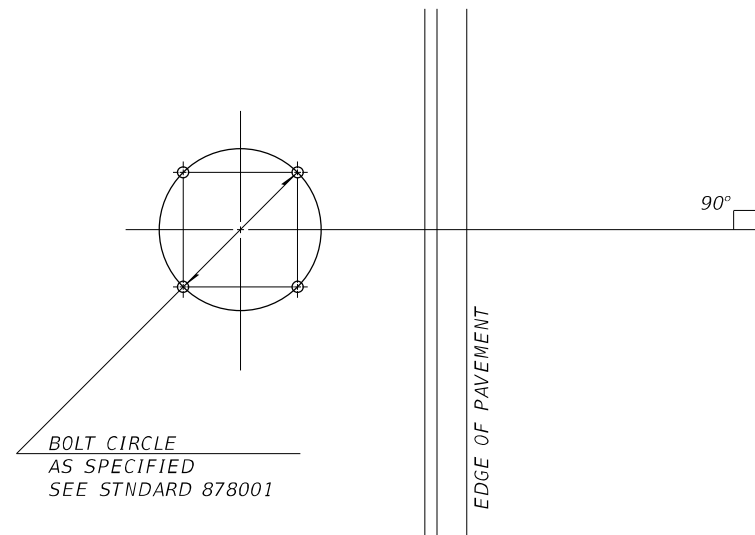
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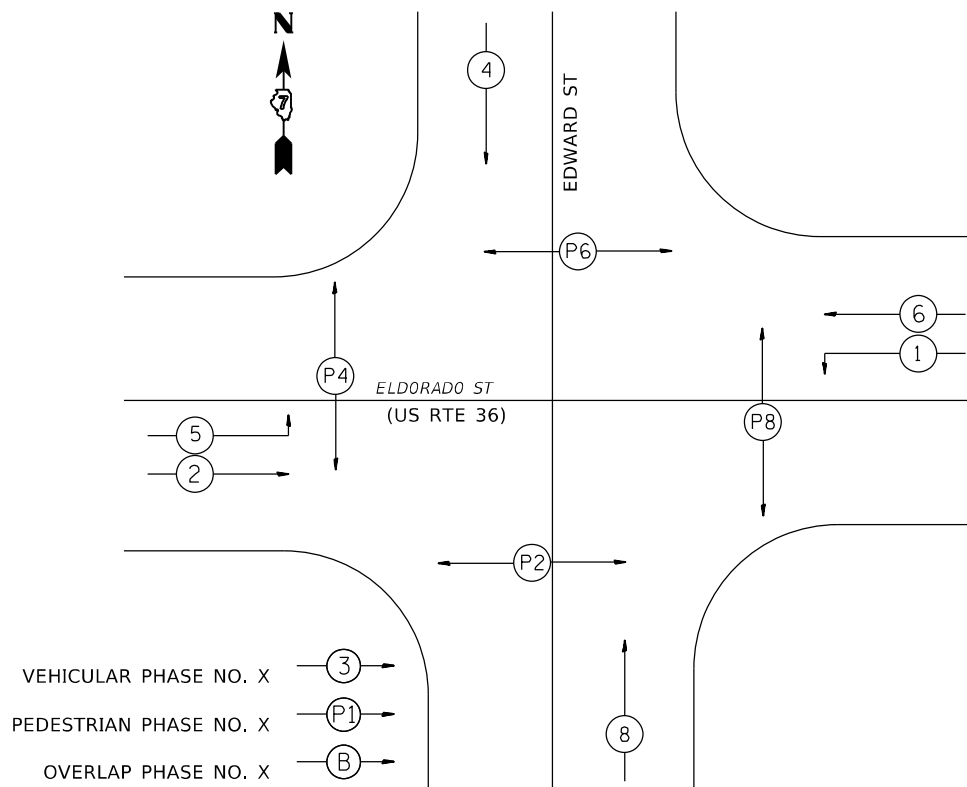
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERSECTION OF ELDORADO ST (US RTE 36) & MONROE ST BORING LOGS

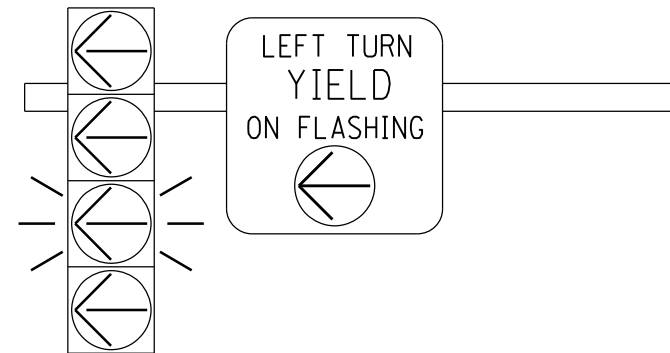
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DETAIL OF MAST ARM FOUNDATION  
BOLT PATTERN

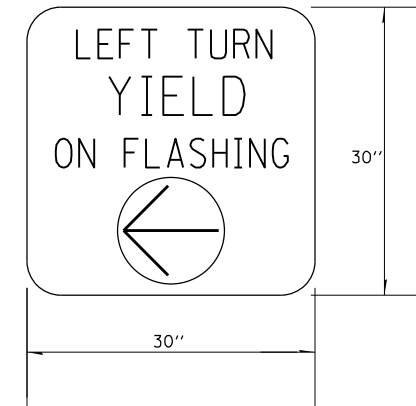


PHASE DESIGNATION DIAGRAM



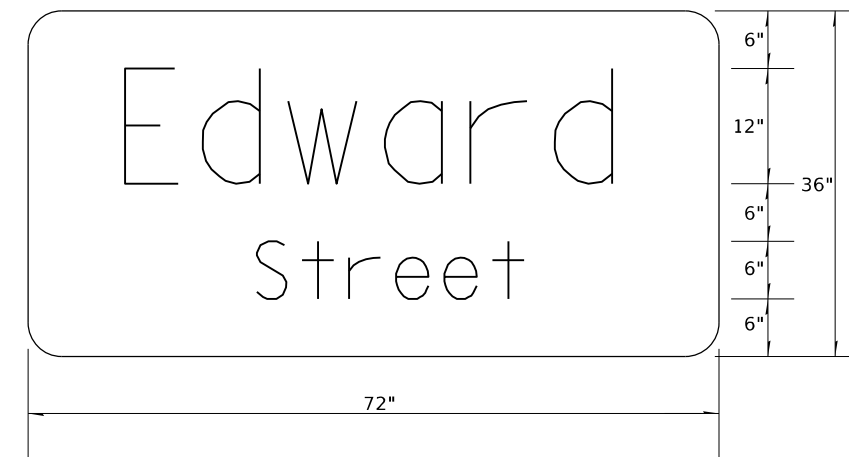
FLASHING YELLOW ARROW  
SIGN PANEL DETAILS

1. SIGN SHALL HAVE A BLACK REFLECTORIZED LEGEND AND BORDER ON A WHITE REFLECTORIZED BACKGROUND. ARROW IS YELLOW ON A BLACK BACKGROUND.
2. AP SHEETING.
3. SIGN TO BE INSTALLED DIRECTLY ADJACENT TO FYA SIGNAL HEAD ON MAST ARM.
4. ILLINOIS STANDARD R10-I109a SIGN.



TO BE INSTALLED ON WESTBOUND MAST ARM (STA 46+84 38' LT)  
TO BE INSTALLED ON EASTBOUND MAST ARM (STA 47+65.8 35.4' RT)

1. SIGN SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.
2. AP SHEETING.
3. UPPER/LOWER CASE LETTERS, HIGHWAY D.



TO BE INSTALLED ON WESTBOUND MAST ARM (STA 46+84 38' LT)  
TO BE INSTALLED ON EASTBOUND MAST ARM (STA 47+65.8 35.4' RT)

1. SIGN SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.
2. AP SHEETING.
3. UPPER/LOWER CASE LETTERS, HIGHWAY D.



TO BE INSTALLED ON SOUTHBOUND MAST ARM (STA 47+04 48' RT)  
TO BE INSTALLED ON NORTHBOUND MAST ARM (STA 47+60.2 44.3' LT)

SIGN PANEL DETAILS

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF ELDORADO ST (US RTE 36) & EDWARD ST  
DETAILS

SCALE: NA SHEET 1 OF 10 SHEETS STA. TO STA.

\*F.A.P. 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	137
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

US RTE 36 (ELDORADO ST) & EDWARDS ST-BILL OF MATERIALS

The below BILL OF MATERIALS is for the quantities from Edward St to Church St to Main St. The Fiber Optic Interconnect will extend from Edward St to Main st for continuity of the traffic signal system. A proposed Master Controller and a proposed Full Actuated Controller shall replace the existing controllers at both Church St and Main St.

US RTE 36 (ELDORADO ST) & CHURCH ST TO MAIN ST-BILL OF MATERIALS

ITEM	UNIT	QUANTITY
MASTER CONTROLLER	EACH	1
TRANSCEIVER-FIBER OPTIC	EACH	2
FIBER OPTIC CABLE IN CONDUIT, NO 62.5/125, MM12F SM12F	FOOT	690
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	690
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	2

ITEM	UNIT	QUANTITY
SIGN PANEL-TYPE 1	SO FT	12.5
SIGN PANEL-TYPE 2	SO FT	72
UNDERGROUND CONDUIT, PVC 3/4" DIA.	FOOT	42
UNDERGROUND CONDUIT, PVC 1" DIA.	FOOT	36
UNDERGROUND CONDUIT, PVC 1 1/2" DIA.	FOOT	90
UNDERGROUND CONDUIT, PVC 2" DIA.	FOOT	68
UNDERGROUND CONDUIT, PVC 4" DIA.	FOOT	231
UNDERGROUND CONDUIT, PVC 5" DIA.	FOOT	4
HANDHOLE	EACH	3
DOUBLE HANDHOLE	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
TRANSCEIVER-FIBER OPTIC	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO 62.5/125, MM12F SM12F	FOOT	1049
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 3C	FOOT	989
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 5C	FOOT	2378
ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 7C	FOOT	609
ELECTRIC CABLE IN CONDUIT, LEAD-IN NO 14 1 PAIR	FOOT	388
ELECTRIC CABLE IN CONDUIT, SERVICE, NO 6 2C	FOOT	16
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	442
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT	EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT	EACH	2
PEDESTRIAN PUSH BUTTON POST	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 26 FT	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE D	FOOT	3.5
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	54
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION BRACKET MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	18
INDUCTIVE LOOP DETECTOR	EACH	6
DETECTOR LOOP, TYPE 1	FOOT	644
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING SERVICE INSTALLATION	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	921
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	3
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	12
SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

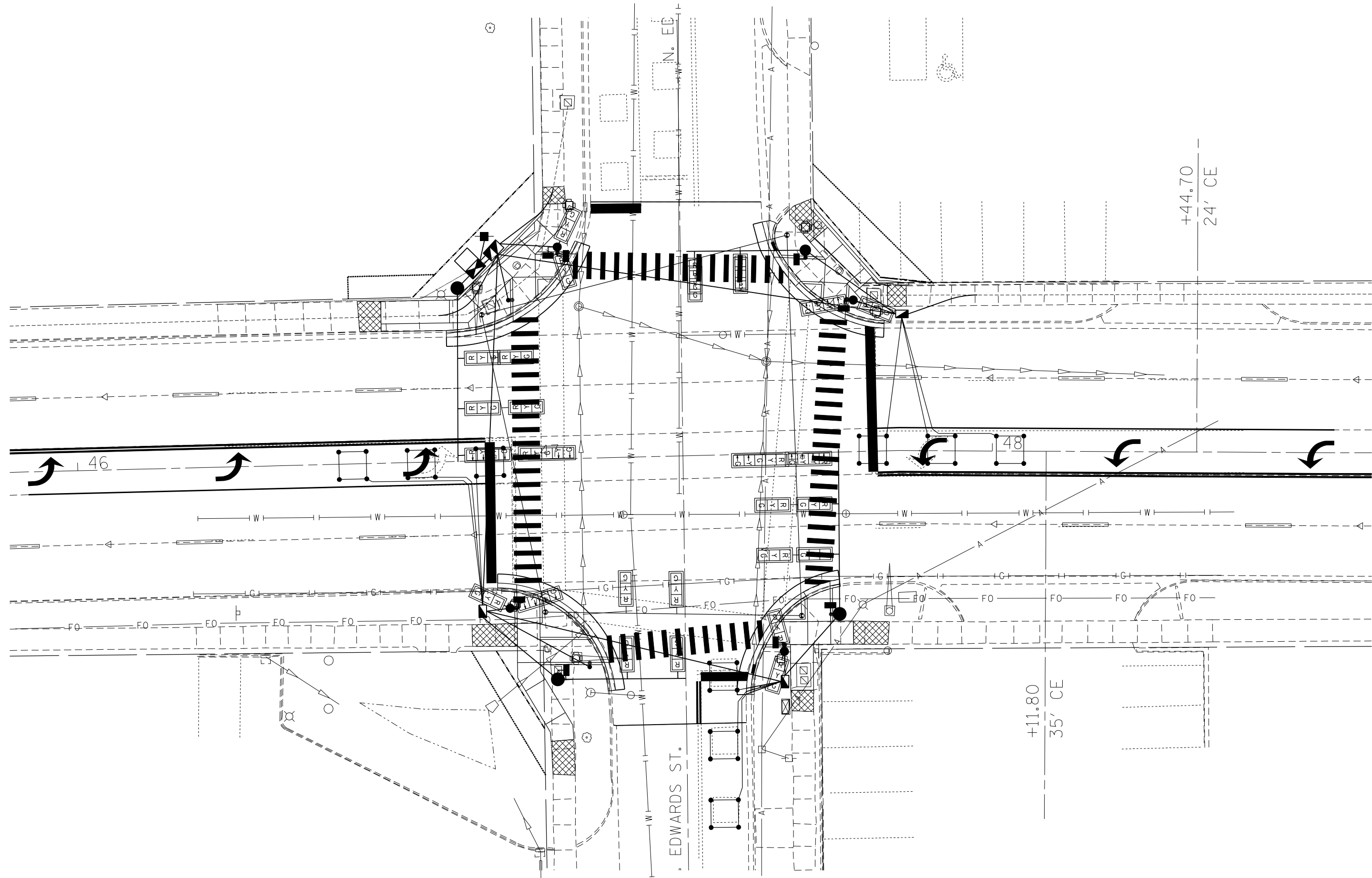
**INTERSECTION OF ELDORADO ST (US RTE 36) & EDWARD ST  
BILL OF MATERIALS**

SCALE: NA SHEET 2 OF 10 SHEETS STA. TO STA.

\*F.A.P. 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	138
			CONTRACT NO. 74702	
		ILLINOIS	FED. AID PROJECT	

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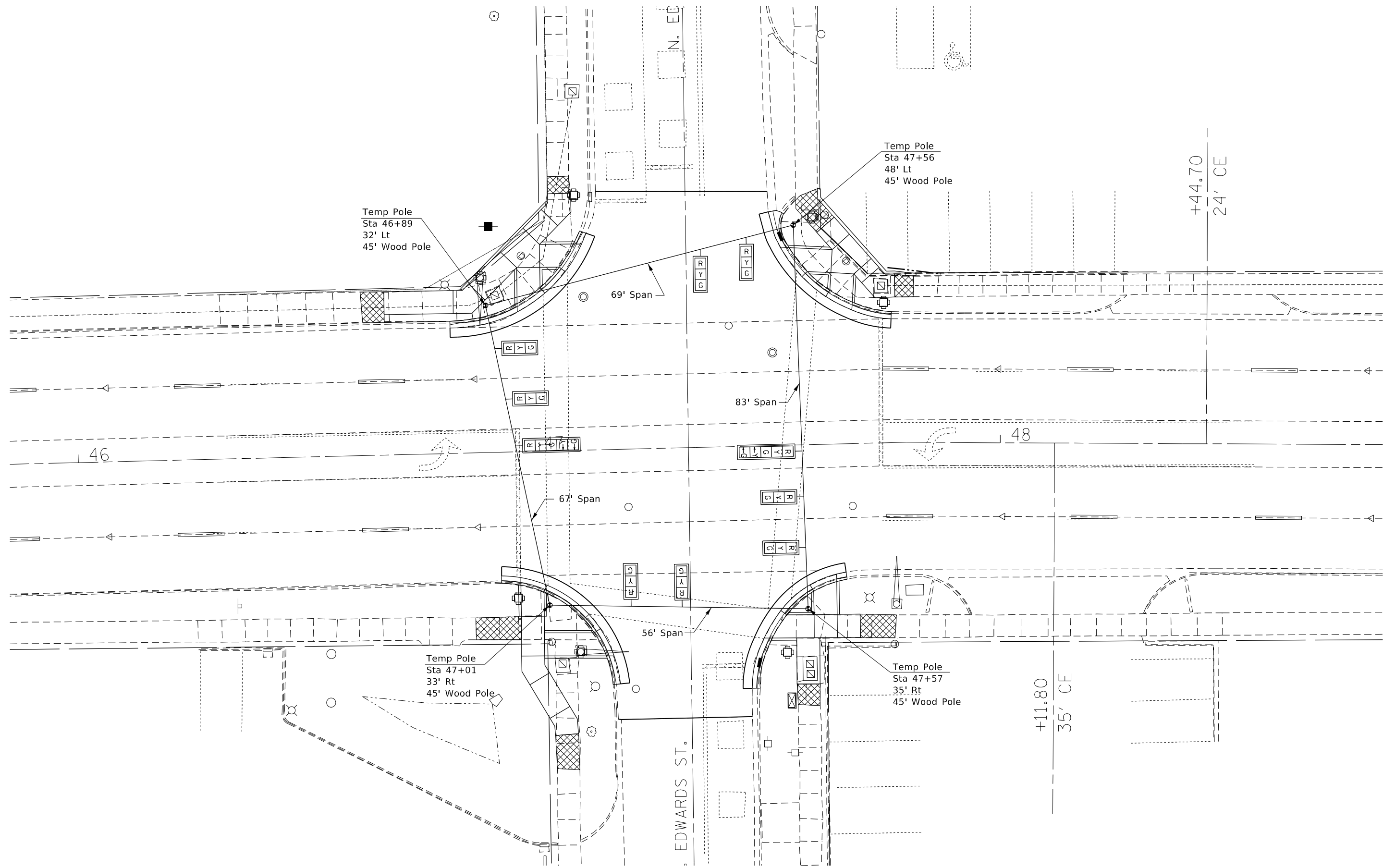
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDORADO ST (US RTE 36) & EDWARD ST  
 EXISTING UTILITY LAYOUT**

SCALE: NA SHEET 3 OF 10 SHEETS STA. TO STA.

*F.A.P. 323 & FAU 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	139
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>INTERSECTION OF ELDORADO ST (US RTE 36) &amp; EDWARD ST</b> <b>TEMPORARY SIGNALS</b>			
SCALE: NA	SHEET 4	OF 10 SHEETS	STA. TO STA.

*F.A.P. 323 & FAU 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	140
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

(QUANTITY: 1 EACH)

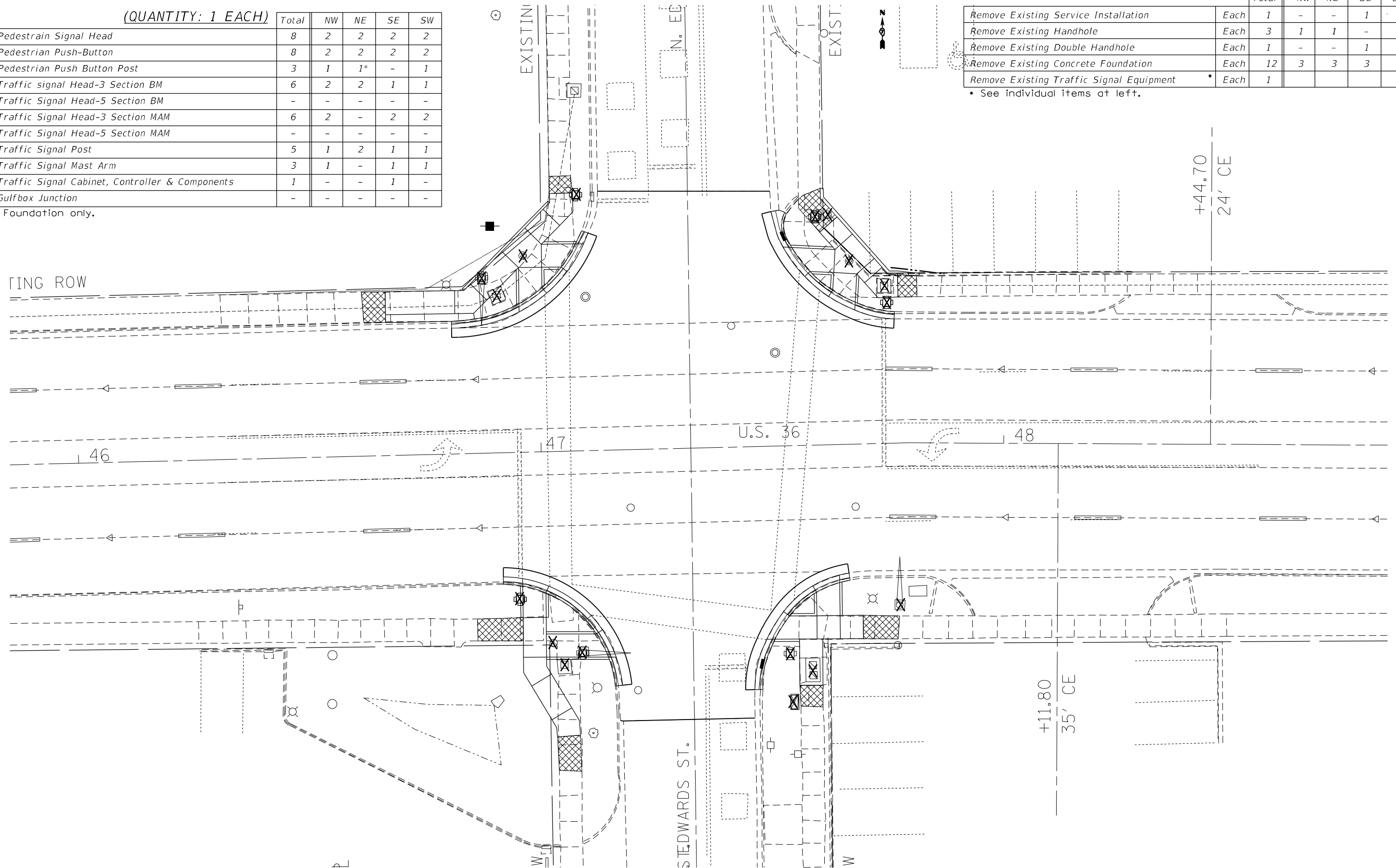
	Total	NW	NE	SE	SW
Pedestrian Signal Head	8	2	2	2	2
Pedestrian Push-Button	8	2	2	2	2
Pedestrian Push Button Post	3	1	1*	-	1
Traffic signal Head-3 Section BM	6	2	2	1	1
Traffic Signal Head-5 Section BM	-	-	-	-	-
Traffic Signal Head-3 Section MAM	6	2	-	2	2
Traffic Signal Head-5 Section MAM	-	-	-	-	-
Traffic Signal Post	5	1	2	1	1
Traffic Signal Mast Arm	3	1	-	1	1
Traffic Signal Cabinet, Controller & Components	1	-	-	1	-
Gulfbox Junction	-	-	-	-	-

\* Foundation only.

REMOVAL ITEMS

	Total	NW	NE	SE	SW
Remove Existing Service Installation	Each 1	-	-	1	-
Remove Existing Handhole	Each 3	1	1	-	1
Remove Existing Double Handhole	Each 1	-	-	1	-
Remove Existing Concrete Foundation	Each 12	3	3	3	3
Remove Existing Traffic Signal Equipment	Each 1				

\* See individual items at left.



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PLOT DATE = 12/27/2021	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

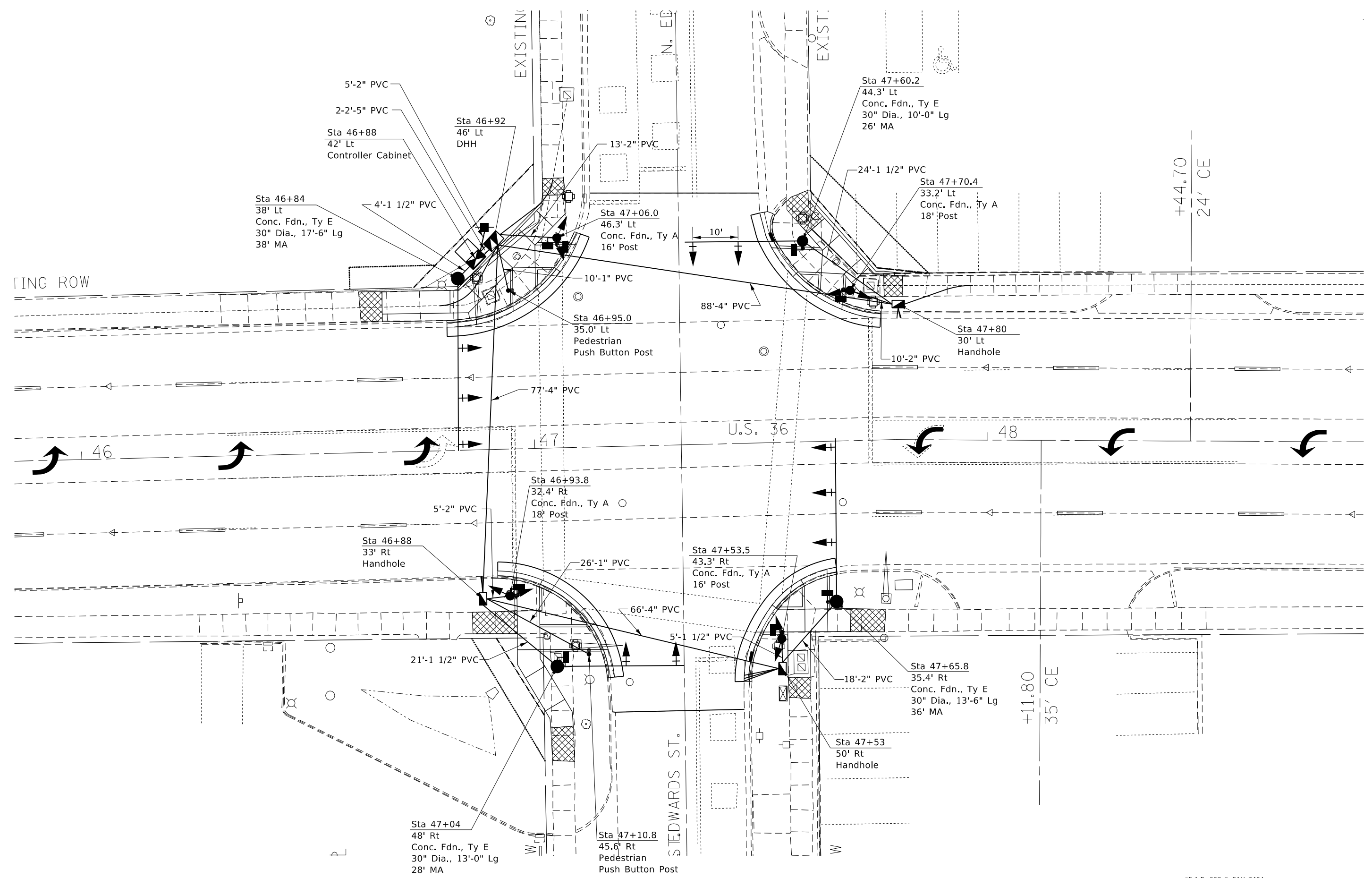
INTERSECTION OF ELDORADO ST (US RTE 36) & EDWARD ST  
TRAFFIC SIGNAL REMOVAL ITEMS

SCALE: NA SHEET 5 OF 10 SHEETS STA. TO STA.

\*F.A.P. 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	141
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

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 PROJECT: 74702



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PLOT DATE = 12/27/2021	DATE -	REVISED -

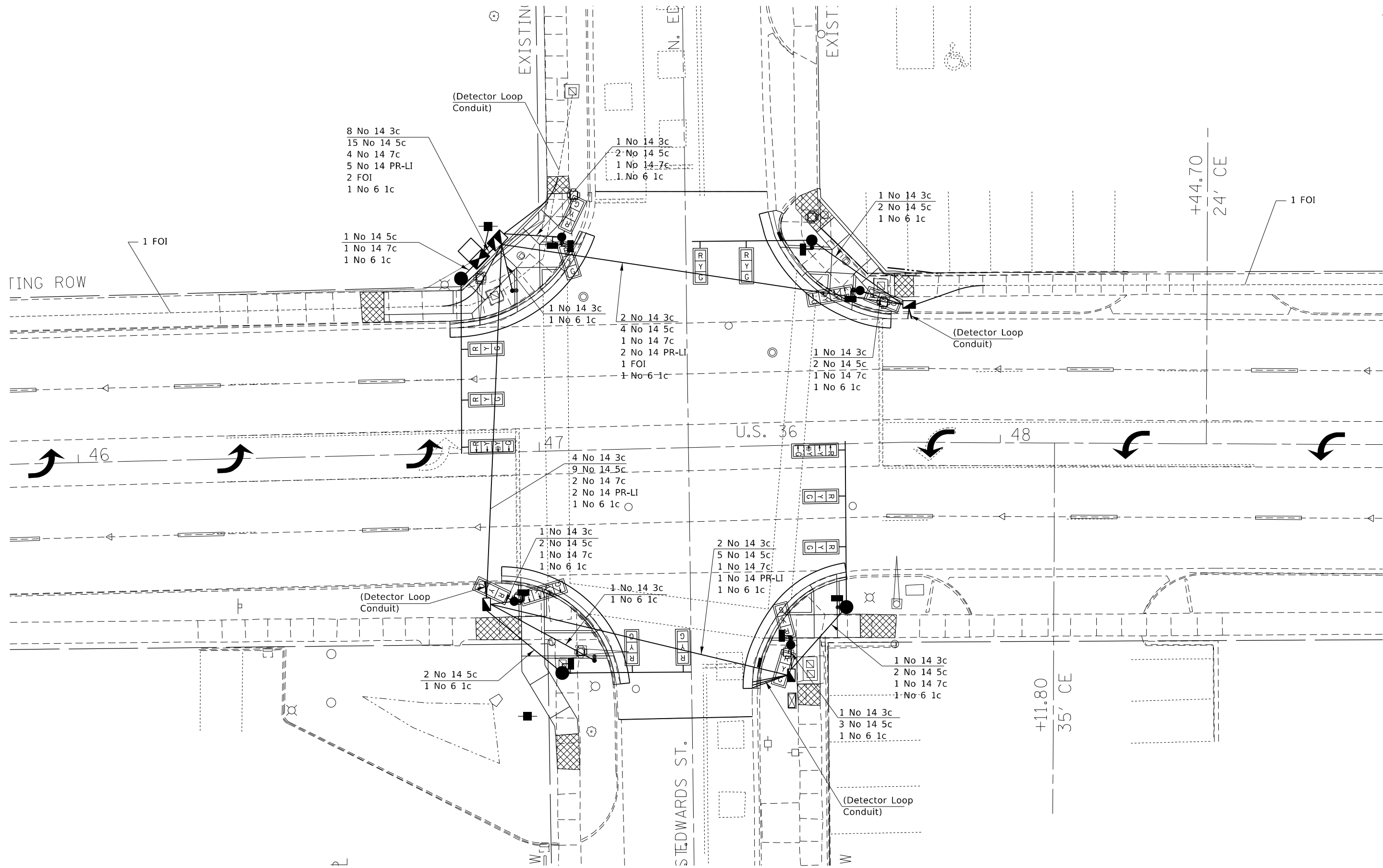
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDERADO ST (US RTE 36) & EDWARD ST**  
**SIGNAL LAYOUT**

SCALE: NA    SHEET 6 OF 10 SHEETS    STA.    TO STA.

*F.A.P. 323 & FAU 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			(13Z,13Z-1)RS-3	MACON	208	142
				CONTRACT NO. 74702		
		ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF ELDERADO ST (US RTE 36) & EDWARD ST**  
**CABLE LAYOUT**

SCALE: NA    SHEET 7 OF 10 SHEETS    STA.    TO STA.

\*F.A.P. 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	143
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

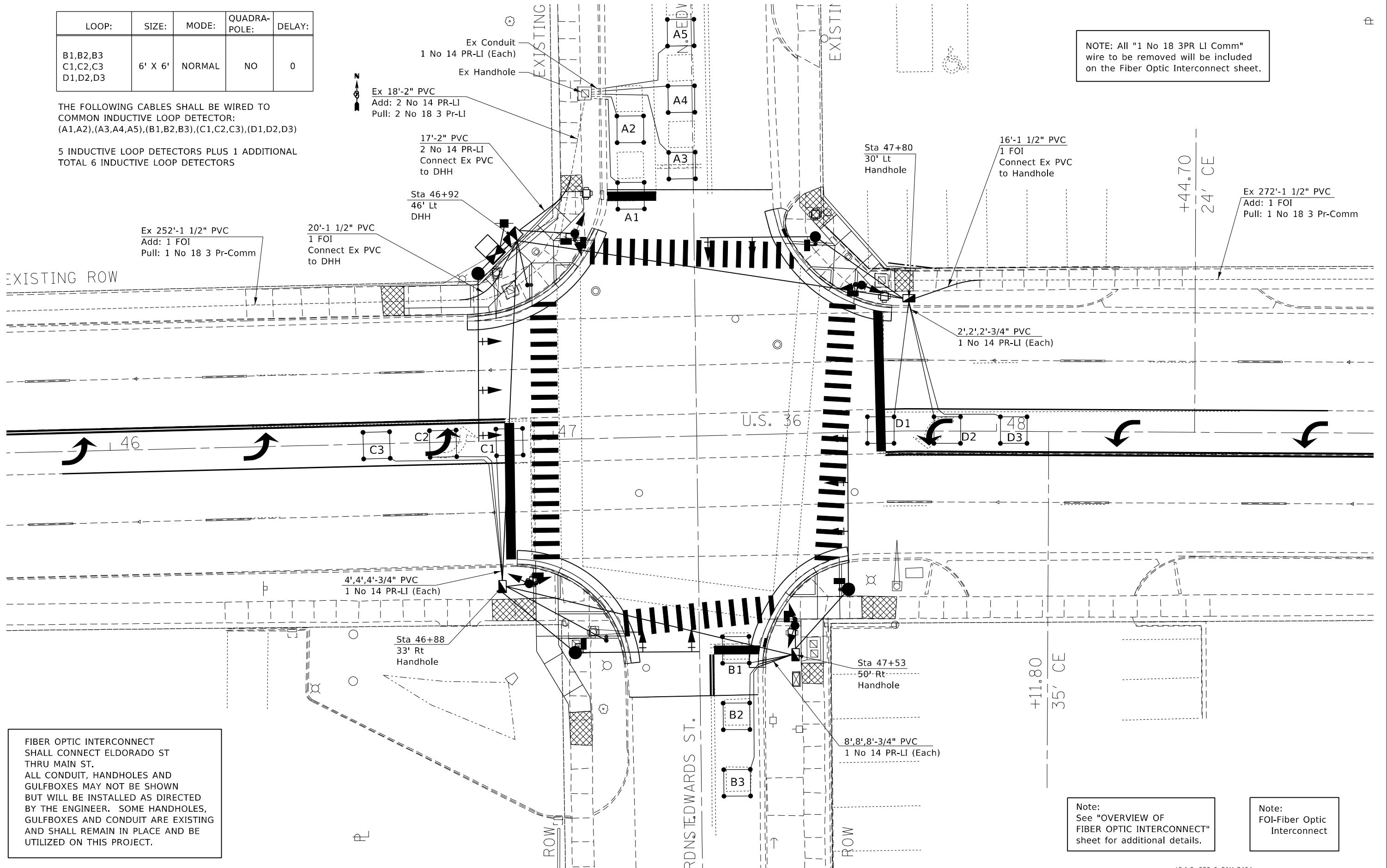


LOOP:	SIZE:	MODE:	QUADRA-POLE:	DELAY:
B1,B2,B3 C1,C2,C3 D1,D2,D3	6' X 6'	NORMAL	NO	0

THE FOLLOWING CABLES SHALL BE WIRED TO COMMON INDUCTIVE LOOP DETECTOR:  
(A1,A2),(A3,A4,A5),(B1,B2,B3),(C1,C2,C3),(D1,D2,D3)

5 INDUCTIVE LOOP DETECTORS PLUS 1 ADDITIONAL  
TOTAL 6 INDUCTIVE LOOP DETECTORS

NOTE: All "1 No 18 3PR LI Comm" wire to be removed will be included on the Fiber Optic Interconnect sheet.



Ex 252'-1 1/2" PVC  
Add: 1 FOI  
Pull: 1 No 18 3 Pr-Comm

20'-1 1/2" PVC  
1 FOI  
Connect Ex PVC to DHH

Sta 46+92  
46' Lt  
DHH

17'-2" PVC  
2 No 14 PR-LI  
Connect Ex PVC to DHH

Ex 18'-2" PVC  
Add: 2 No 14 PR-LI  
Pull: 2 No 18 3 Pr-LI

Sta 47+80  
30' Lt  
Handhole

16'-1 1/2" PVC  
1 FOI  
Connect Ex PVC to Handhole

Ex 272'-1 1/2" PVC  
Add: 1 FOI  
Pull: 1 No 18 3 Pr-Comm

2'-2', 2'-3/4" PVC  
1 No 14 PR-LI (Each)

4', 4', 4'-3/4" PVC  
1 No 14 PR-LI (Each)

Sta 46+88  
33' Rt  
Handhole

Sta 47+53  
50' Rt  
Handhole

8', 8', 8'-3/4" PVC  
1 No 14 PR-LI (Each)

FIBER OPTIC INTERCONNECT SHALL CONNECT ELDORADO ST THRU MAIN ST. ALL CONDUIT, HANDHOLES AND GULFBOXES MAY NOT BE SHOWN BUT WILL BE INSTALLED AS DIRECTED BY THE ENGINEER. SOME HANDHOLES, GULFBOXES AND CONDUIT ARE EXISTING AND SHALL REMAIN IN PLACE AND BE UTILIZED ON THIS PROJECT.

Note: See "OVERVIEW OF FIBER OPTIC INTERCONNECT" sheet for additional details.

Note: FOI-Fiber Optic Interconnect

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	DRAWN -	REVISED -
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PLOT DATE = 4/5/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF ELDORADO ST (US RTE 36) & EDWARD ST  
DETECTOR LOOPS & FIBER OPTIC INTERCONNECT

SCALE: NA SHEET 8 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	144
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

\*F.A.P. 323 & FAU 7404



# SOIL BORING LOG

Date 6/26/19

ROUTE FAP 323 (US 36) DESCRIPTION Southwest Quadrant LOGGED BY E. Sandschafer

SECTION (13Z,13Z-1)RS-3 LOCATION Edwards at US 36, SEC. 15, TWP. 16N, RNG. 2E, 3 PM

COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. Traffic Signal  
Station 47+04 48' Rt

BORING NO. B-1 - Edwards  
Station 46+86  
Offset 33.0ft Rt  
Ground Surface Elev. 670.56

D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. _____ ft	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)
				Stream Bed Elev. _____ ft				
				Groundwater Elev.:				
				▼ First Encounter _____ ft				
				▼ Upon Completion _____ ft				
				▼ After _____ Hrs. _____ Filled ft				
Topsoil	670.06			Stiff, moist, grey, CLAY LOAM TILL	5	1.7	11	
Dark brown, CLAY					6	B		
Medium, moist		2			3			
		3	0.6	Very stiff (continued)	5	2.9	12	
		4	B		10	B		
Very stiff		4			7			
		5	2.5		11	3.9	10	
		6	B		11	B		
				Extent of Exploration				
Soft, moist, brown, SILTY CLAY	663.56	3		Benchmark: BM 203 - Cut "[ ]" on Southwest corner of 2' x 2' concrete base of traffic signal in Northeast quadrant of Eldorado Street (US 36) and Edward Street, Sta. 47+75, 30' LT of CL of US 36.				
		3	0.3					
		3	B					
Soft, moist, brown, SILTY CLAY LOAM	661.06	2						
		2	0.4					
		3	B					
Medium, moist, brown, SILTY CLAY	658.26	4						
		5	0.6					
		6	B					
Stiff, moist, brown, CLAY LOAM	655.96	3						
		4	1.7					
		5	B					
Very stiff, moist, brown, CLAY LOAM TILL	653.26	6						
		9	2.7					
		11	B					
Brown, SANDY LOAM	652.26							
	651.06	4						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, Form 137 (Rev. 8-99)

File Name S:\NEW GEOTECHNICAL\GINTDATA\PROJECTS\MACON CO (058)\058-0000 US 36 ELDORADO STREET TRAFFIC SIGNAL 2019.GPJ Data Template D7.GDT Date Printed 7/9/19 Latitude N 39.845693 Longitude W 88.960766 Datum Job Number

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\*F.A.P. 323 & FAU 7404

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	DRAWN -	REVISED -
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PLOT DATE = 12/27/2021	DATE -	REVISED -

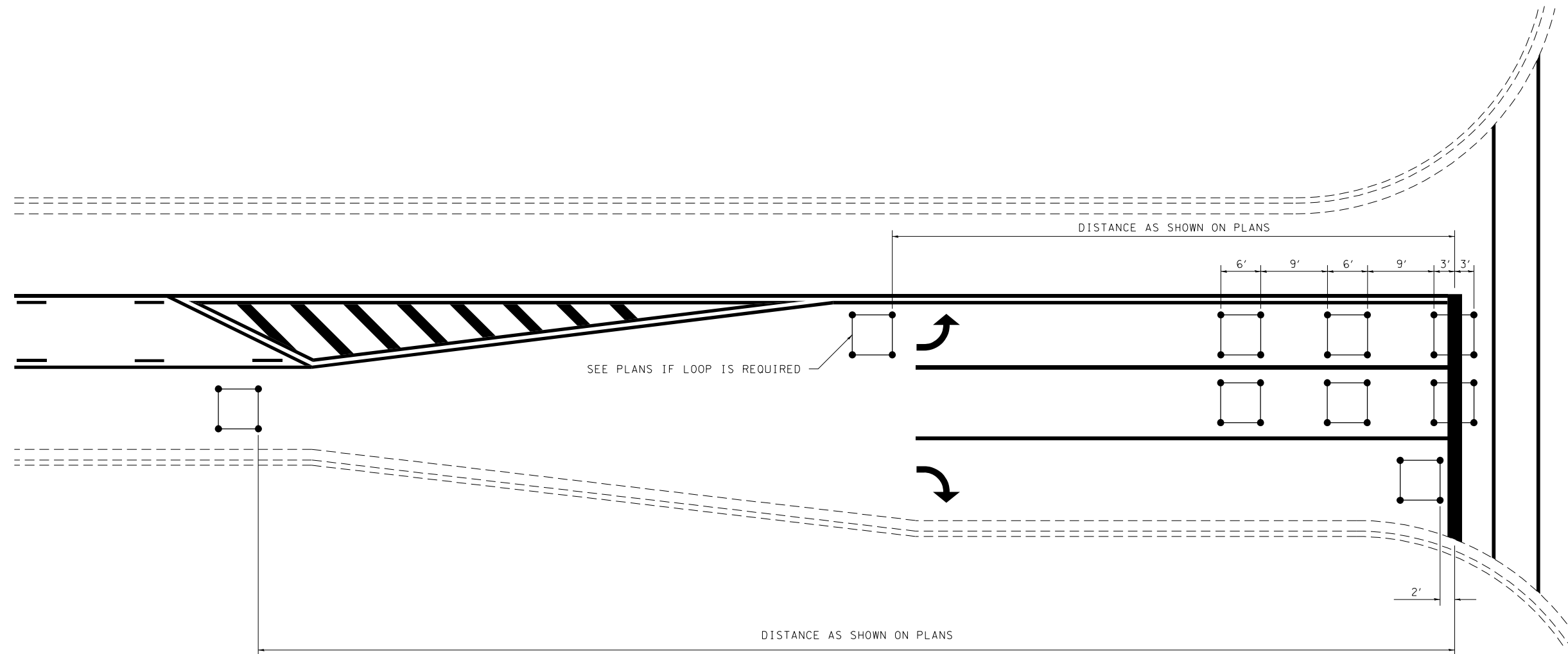
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF ELDORADO ST (US RTE 36) & EDWARD ST  
BORING LOGS

SCALE: NA SHEET 9 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	145
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

# TYPICAL APPLICATION OF DETECTOR LOOPS



**NOTE:**

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

NOT TO SCALE

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED - -
p:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 7\Projects\74702\CADD\Drawings\Drawings\74702-TS-Edward.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

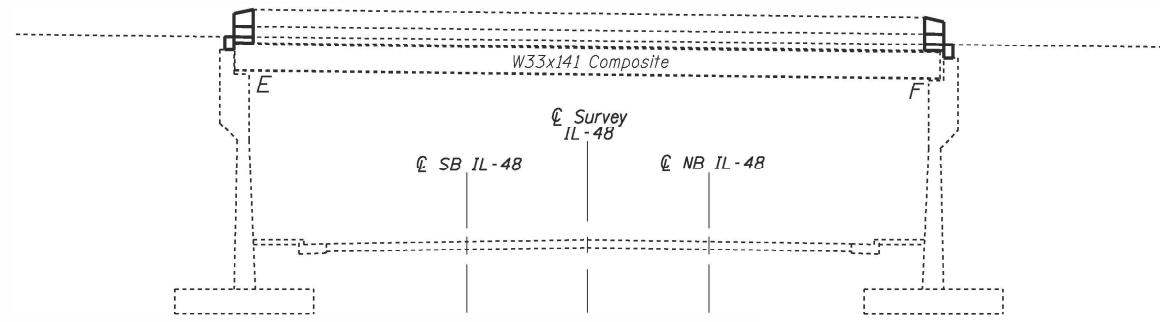
**TYPICAL APPLICATIONS OF DETECTOR LOOPS**

SCALE: NA SHEET NO. 10 OF 10 SHEETS STA. TO STA.

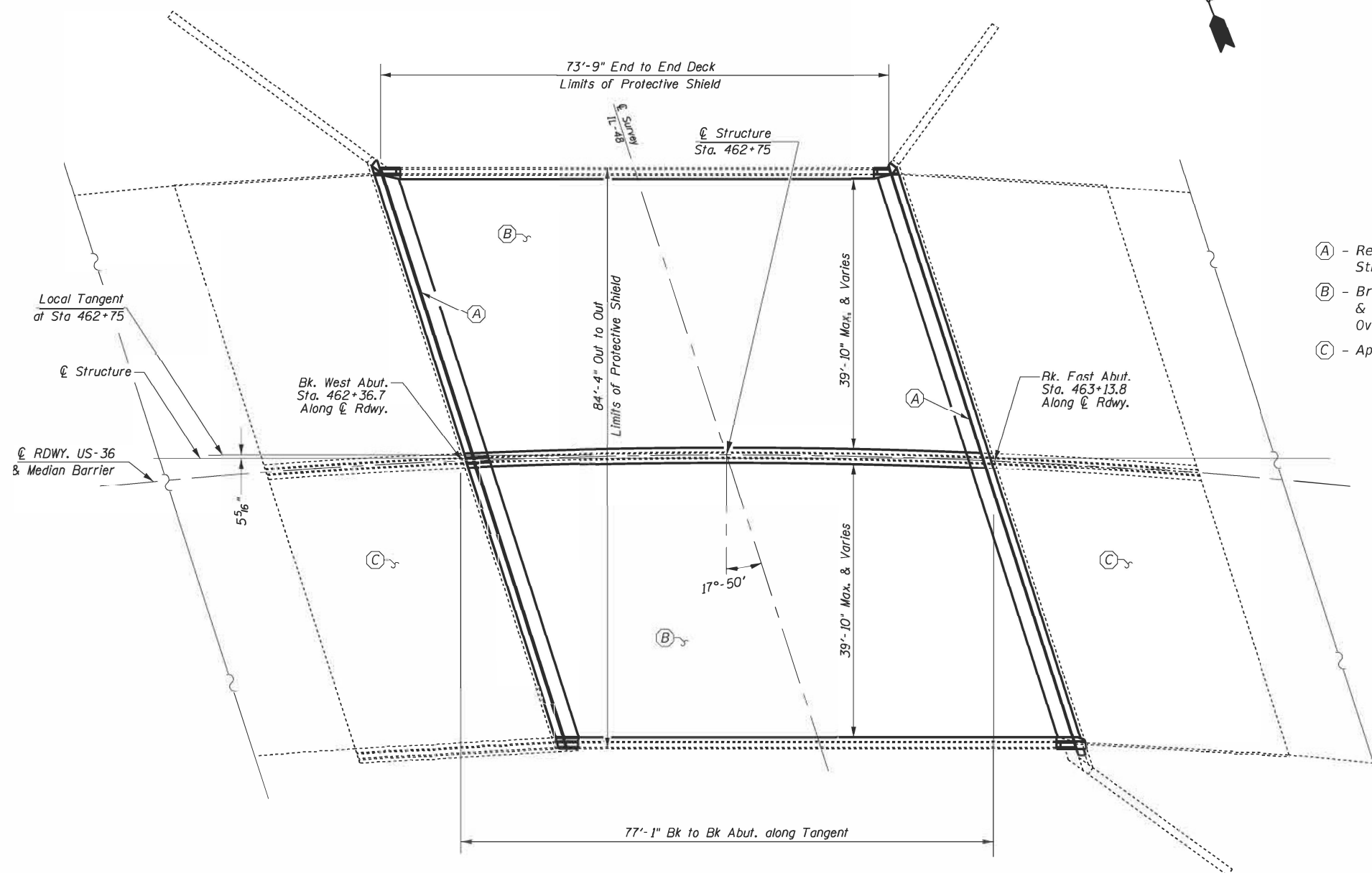
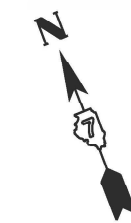
**DISTRICT 7 DETAIL NO. 88600100**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	146
CONTRACT NO. 74702				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

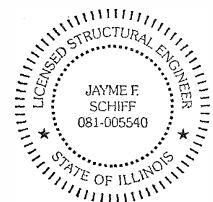
SN. 058-0127 carries US-36 (FAP 323) over ILL-48 (FAP 716). The existing single span, steel multi-beam structure with closed abutments was constructed in 1998 as section (13X-HB)BR at Sta. 7+434.729 (metric). The proposed project consists of new expansion joints, deck patching, approach pavement patching, bridge deck scarification and bridge deck overlay.



ELEVATION



- (A) - Remove Existing Joints and Construct Strip Seal Expansion Joint
- (B) - Bridge Deck Scarification, 3/4", Deck Patching, & Bridge Deck Fly Ash or GGBF Slag Concrete Overlay, 2-1/4
- (C) - Approach Patching



EXPIRES 11-30-2024

*Jayme F. Schiff*

PLAN

USER NAME = #USER* DESIGNED - D. MackIn DRAWN - D. MackIn PLOT SCALE = #SCALE* PLOT DATE = #DATE*			REVISED - D. MackIn 12-2022 REVISED - REVISED - REVISED -			<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>			<b>GENERAL PLAN &amp; ELEVATION SN. 058-0127</b>			F.A. RTÉ. SECTION COUNTY TOTAL SHEETS SHEET NO. * (13Z,13Z-1RS-3) MACON 208 147	
SCALE: SHEET 1 OF 11 SHEETS STA. TO STA.						ILLINOIS FED. AID PROJECT							

FAP 323 & FAU 7404

**GENERAL NOTES**

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

Reinforcement Bars designated (E) shall be epoxy coated.

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

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

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

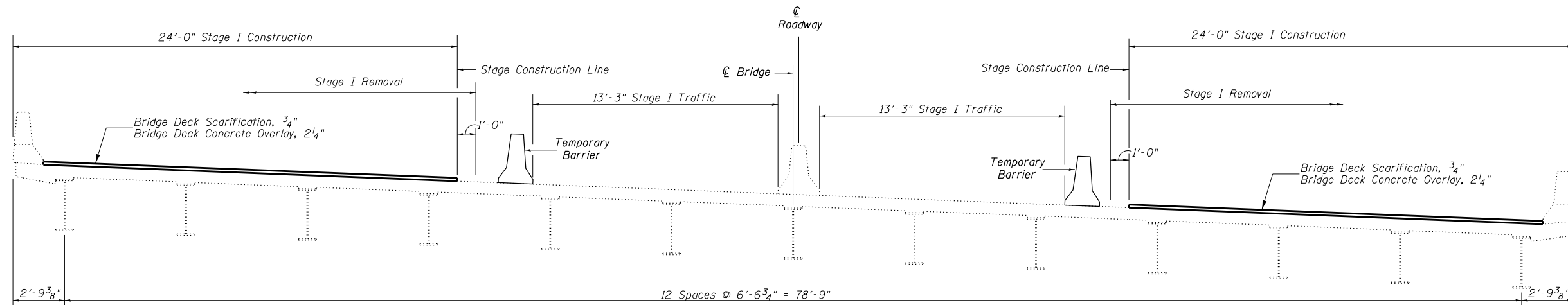
Protective shield shall be provided for the full, out-to-out width of the bridge deck.

Protective Coat to be applied to areas of new concrete only, including bridge deck concrete overlay.

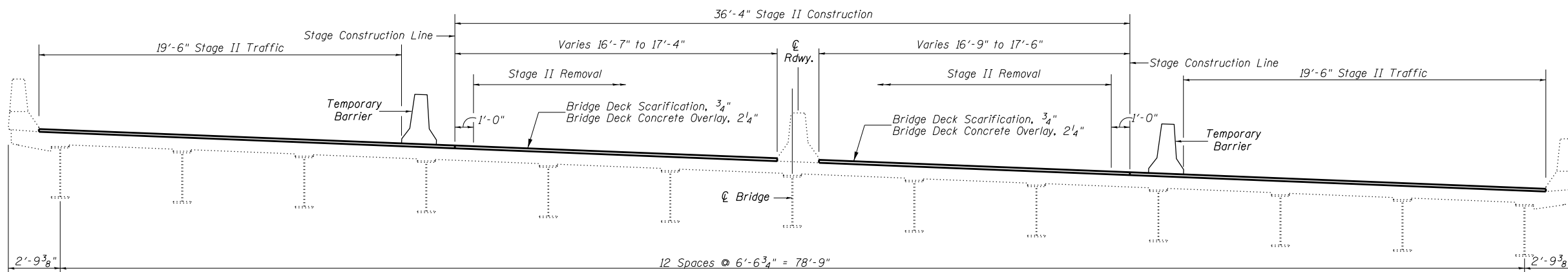
Removal and reinstallation of guardrail sections will be necessary for construction of the expansion joints. All existing embedded anchors that are within the concrete removal area shall be cleaned and incorporated in the new construction or new approved alternatives shall be supplied and installed. This work and all materials shall be included in the contract unit price for CONCRETE SUPERSTRUCTURE.

**TOTAL BILL OF MATERIALS**

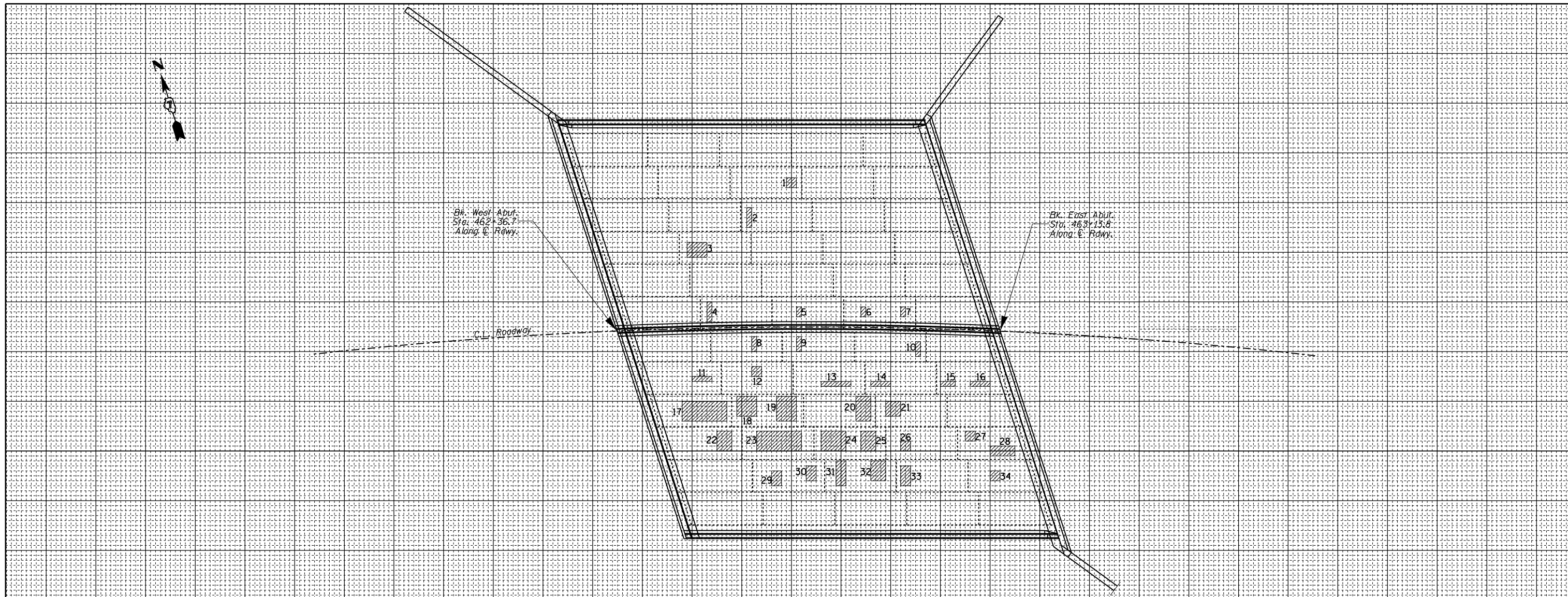
ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	22.2
Concrete Superstructure	Cu. Yd.	24.5
Reinforcement Bars, Epoxy Coated	Pound	2840
Bar Splicers	Each	48
Bridge Deck Grooving	Sq. Yd.	615
Bridge Deck Scarification, 3/4"	Sq. Yd.	610
Bridge Deck Fly Ash or GGBF Slag Concrete Overlay, 2 1/4"	Sq. Yd.	610
Prefomed Joint Strip Seal	Foot	178
Protective Coat	Sq. Yd.	680
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	7
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	28
Approach Slab Repair (Partial Depth)	Sq. Yd.	14
Protective Shield	Sq. Yd.	692



**CROSS-SECTION - STAGE I**  
Looking East



**CROSS-SECTION - STAGE II**  
Looking East



PATCH NO.	SIZE		DECK SLAB REPAIR (FD TY I)	DECK SLAB REPAIR (FD TY II)
	LENGTH	WIDTH	SQ YD	SQ YD
1	2.0	2.0	0.4	
2	1.0	4.0	0.4	
3	4.0	3.0		1.3
4	1.0	4.0	0.4	
5	1.0	2.0	0.2	
6	1.0	2.0	0.2	
7	1.0	2.0	0.2	
8	1.0	3.0	0.3	
9	1.0	3.0	0.3	
10	1.0	3.0	0.3	
11	4.0	1.0	0.4	
12	2.0	2.0	0.4	
13	1.0	6.0		0.7
14	1.0	4.0	0.4	
15	1.0	3.0	0.3	
16	1.0	4.0	0.4	

PATCH NO.	SIZE		DECK SLAB REPAIR (FD TY I)	DECK SLAB REPAIR (FD TY II)
	LENGTH	WIDTH	SQ YD	SQ YD
17	9.0	4.0		4.0
18	4.0	4.0		1.8
19	4.0	5.0		2.2
20	3.0	5.0		1.7
21	3.0	3.0		1.0
22	3.0	4.0		1.3
23	9.0	4.0		4.0
24	5.0	4.0		2.2
25	3.0	4.0		1.3
26	2.0	2.0	0.4	
27	2.0	2.0	0.4	
28	5.0	2.0		1.1
29	2.0	3.0		0.7
30	2.0	3.0		0.7
31	2.0	5.0		1.1
32	3.0	4.0		1.3

PATCH	SIZE		DECK SLAB REPAIR (FD TY I)	DECK SLAB REPAIR (FD TY II)
	LENGTH	WIDTH	SQ YD	SQ YD
33	2.0	4.0		0.9
34	2.0	2.0	0.4	
TOTAL ROUNDS TO:			7	28

THE LOCATIONS AND SIZES SHOWN GRAPHICALLY ABOVE ARE APPROXIMATE. SEE THIS TABLE FOR ACTUAL SIZES.



DATE OF SURVEY: 01-17-2023  
 SURVEY BY: DPM & TMW  
 METHOD OF SURVEY: VISUAL

ESTIMATED PAY QUANTITIES:

DECK SLAB REPAIR (FULL DEPTH TYPE I)  
 7.0 SQ YD  
 DECK SLAB REPAIR (FULL DEPTH TYPE II)  
 28.0 SQ YD

• FAP 323 & FAU 7404

MODEL: SMOBELNAMES  
FILE NAME: SPLIT5

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PLOT SCALE = \$SCALES	DRAWN - D. Macklin	REVISED -
PLOT DATE = \$DATES	CHECKED -	REVISED -
	DATE - January 2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**BRIDGE DECK PATCHING  
 SN. 058-0127**

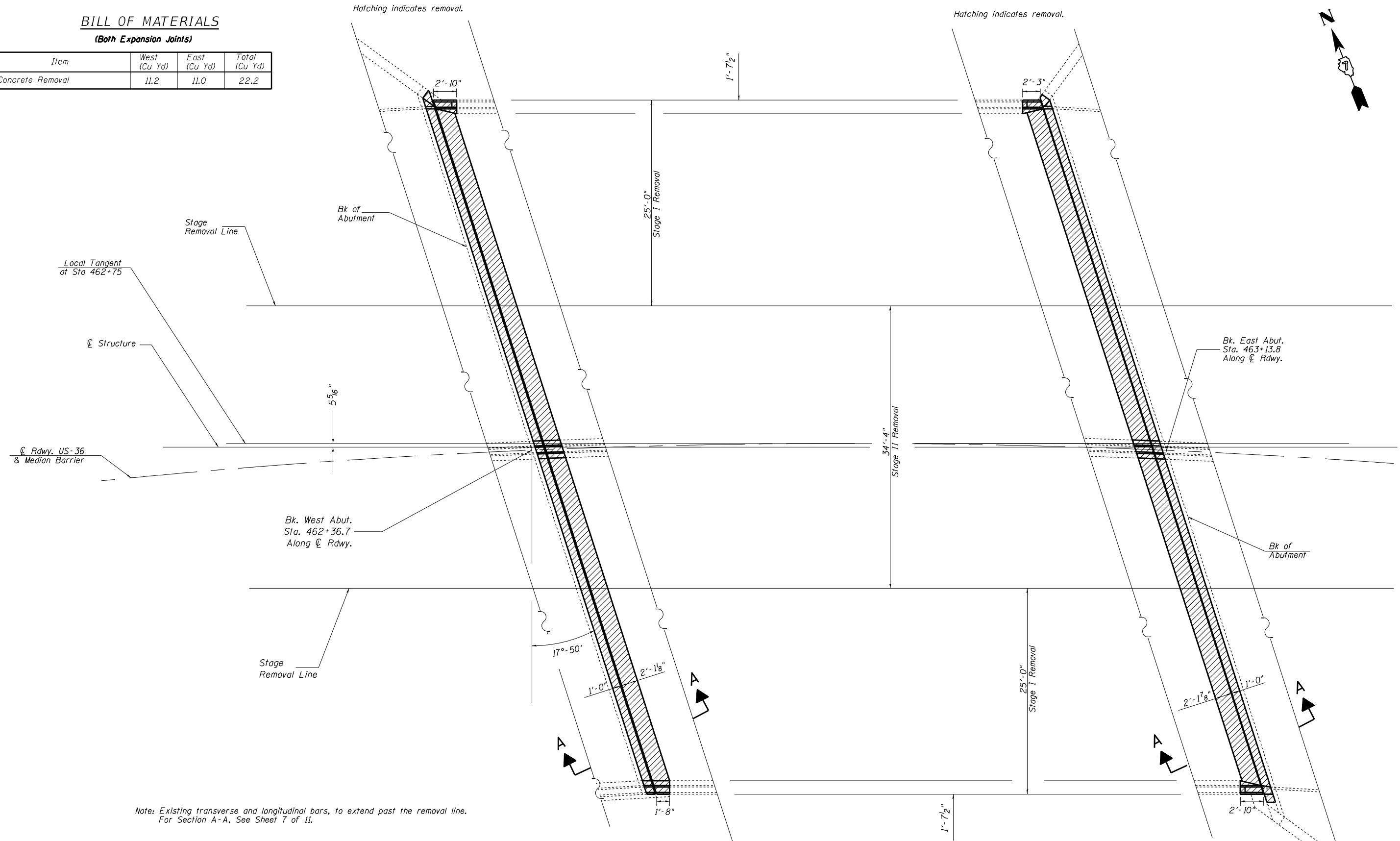
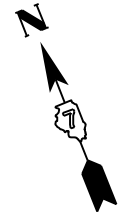
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z,13Z-1)RS-3	MACON	208	149
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

**BILL OF MATERIALS**

(Both Expansion Joints)

Item	West (Cu Yd)	East (Cu Yd)	Total (Cu Yd)
Concrete Removal	11.2	11.0	22.2



Note: Existing transverse and longitudinal bars, to extend past the removal line.  
For Section A-A. See Sheet 7 of 11.

**PARTIAL REMOVAL PLAN**  
(West Abutment)

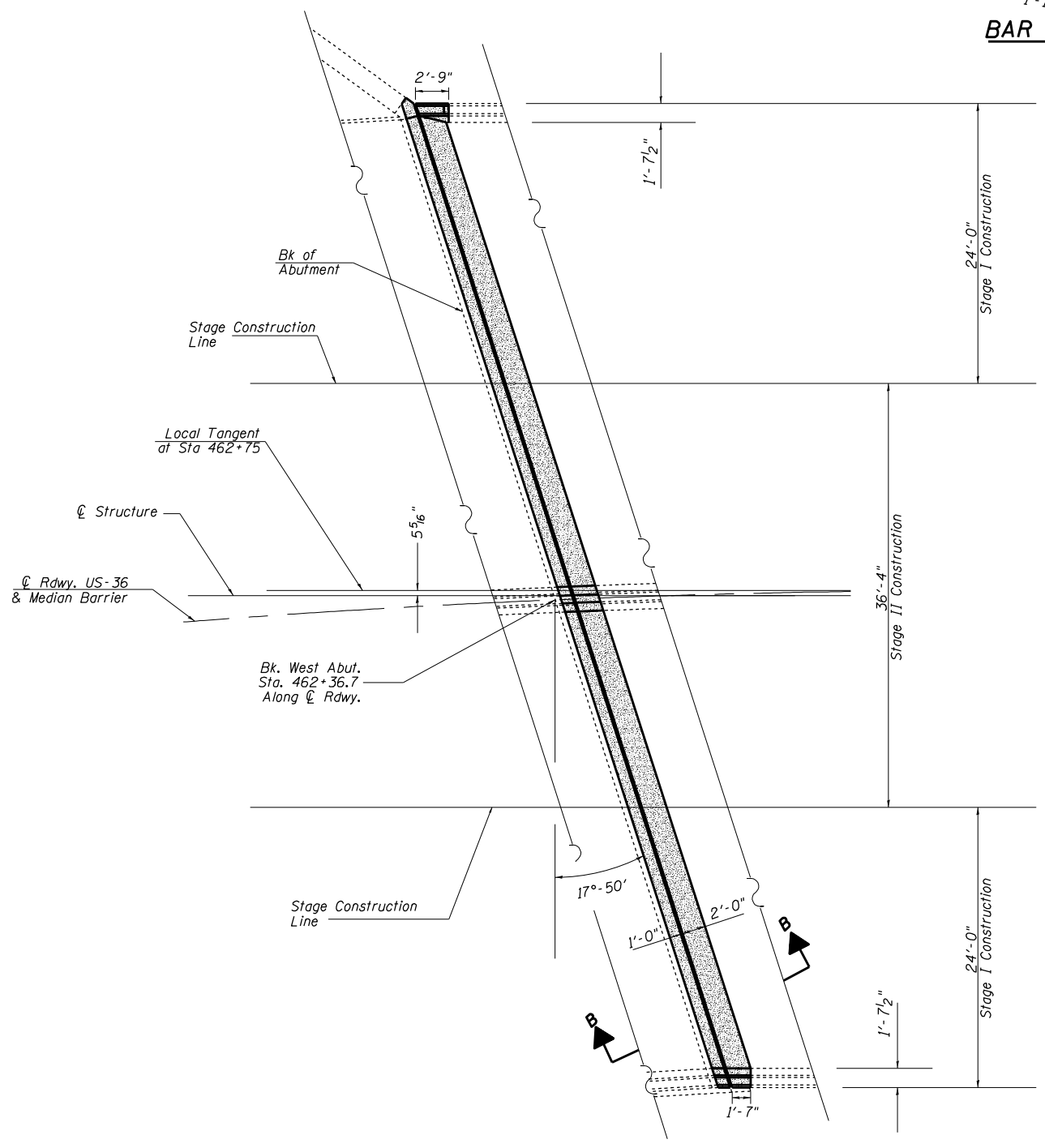
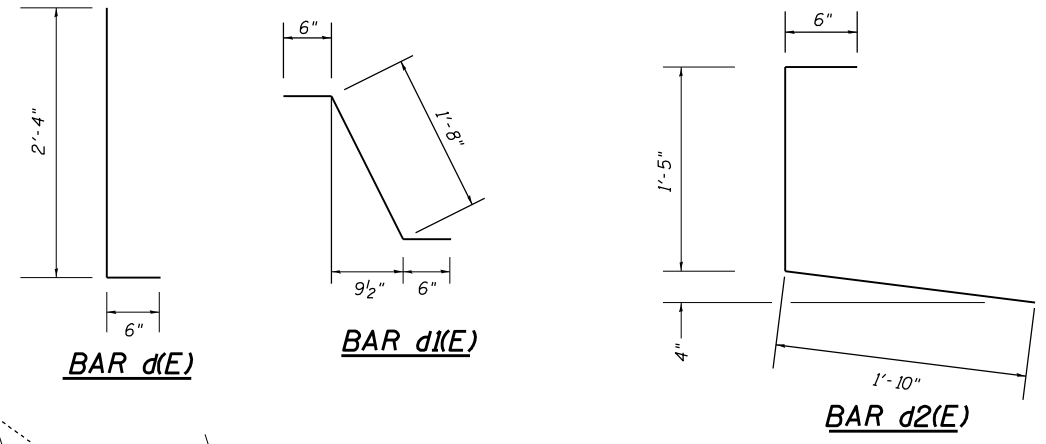
**PARTIAL REMOVAL PLAN**  
(East Abutment)

USER NAME = #USER* DESIGNED - S. Kassel DRAWN - S. Kassel PLOT SCALE = #SCALE* PLOT DATE = #DATE*			REVISED - D. MackIn 12-2022 REVISED - REVISED - REVISED -			<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>			<b>EXPANSION JOINT REMOVAL DETAILS</b> <b>SN. 058-0127</b>			F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.	
						SCALE: SHEET 4 OF 11 SHEETS STA. TO STA.			• FAP 323 & FAU 7404 (13Z,13Z-1RS-3) MACON CONTRACT NO. 74702 ILLINOIS FED. AID PROJECT				

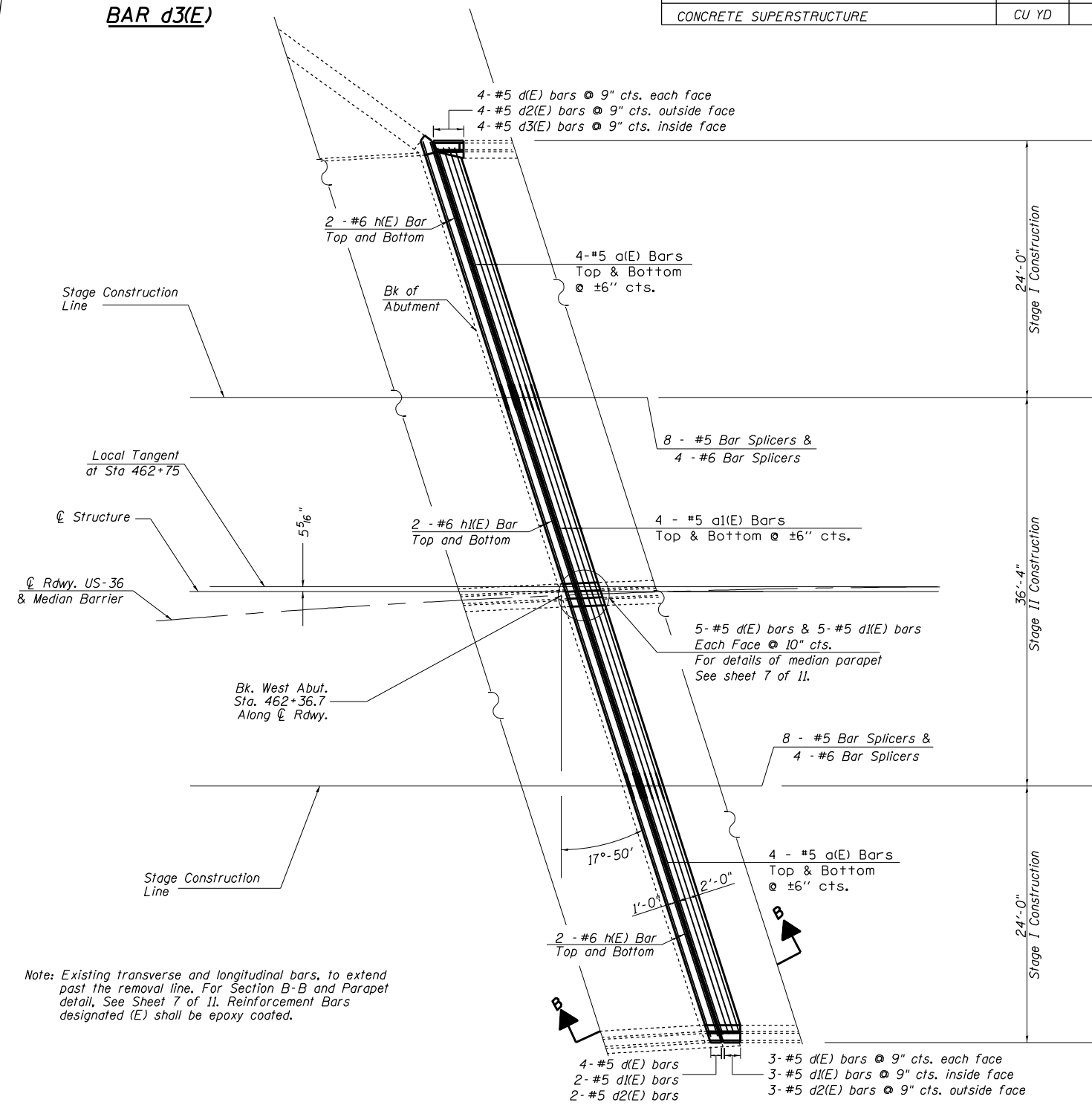
**BILL OF MATERIALS**

(West Expansion Joint)

BAR	NUMBER OF BARS		TOTAL	SIZE	LENGTH	SHAPE	
	STAGE I	STAGE II					
d(E)	16	0	16	#5	24'-3"	—	
a(E)	0	8	8	#5	37'-10"	—	
d(E)	18	10	28	#5	2'-10"	L	
d1(E)	5	10	15	#5	2'-8"	L	
d2(E)	9	0	9	#5	3'-9"	L	
d3(E)	4	0	4	#5	2'-5"	L	
h(E)	8	0	8	#6	25'-0"	—	
h1(E)	0	4	4	#6	37'-10"	—	
REINFORCEMENT BARS (EPOXY COATED)						POUND	1420
CONCRETE SUPERSTRUCTURE						CU YD	12.3



**PROPOSED PARTIAL PLAN**  
(West Abutment)



**PROPOSED PARTIAL PLAN**  
(West Abutment)

Note: Existing transverse and longitudinal bars, to extend past the removal line. For Section B-B and Parapet detail, See Sheet 7 of 11. Reinforcement Bars designated (E) shall be epoxy coated.

USER NAME = *USER*	DESIGNED - S. Kassel	REVISED - D. MackIn 12-2022
PLOT SCALE = *SCALE*	DRAWN - S. Kassel	REVISED -
PLOT DATE = *DATE*	CHECKED - D. MackIn	REVISED -
	DATE - ----	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WEST EXPANSION JOINT REPLACEMENT DETAILS**  
**SN. 058-0127**

SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.

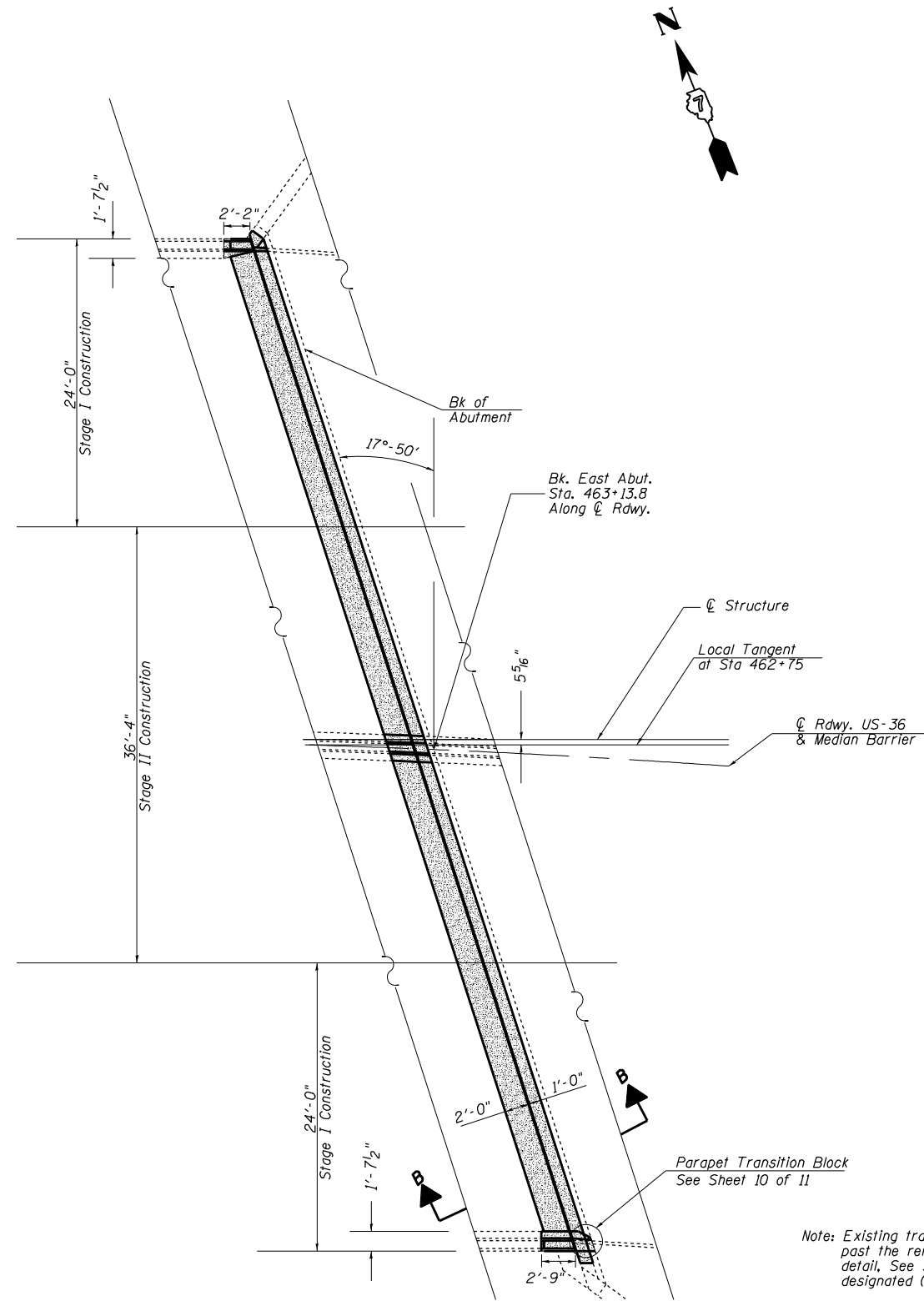
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CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

\* FAP 323 & FAU 7404



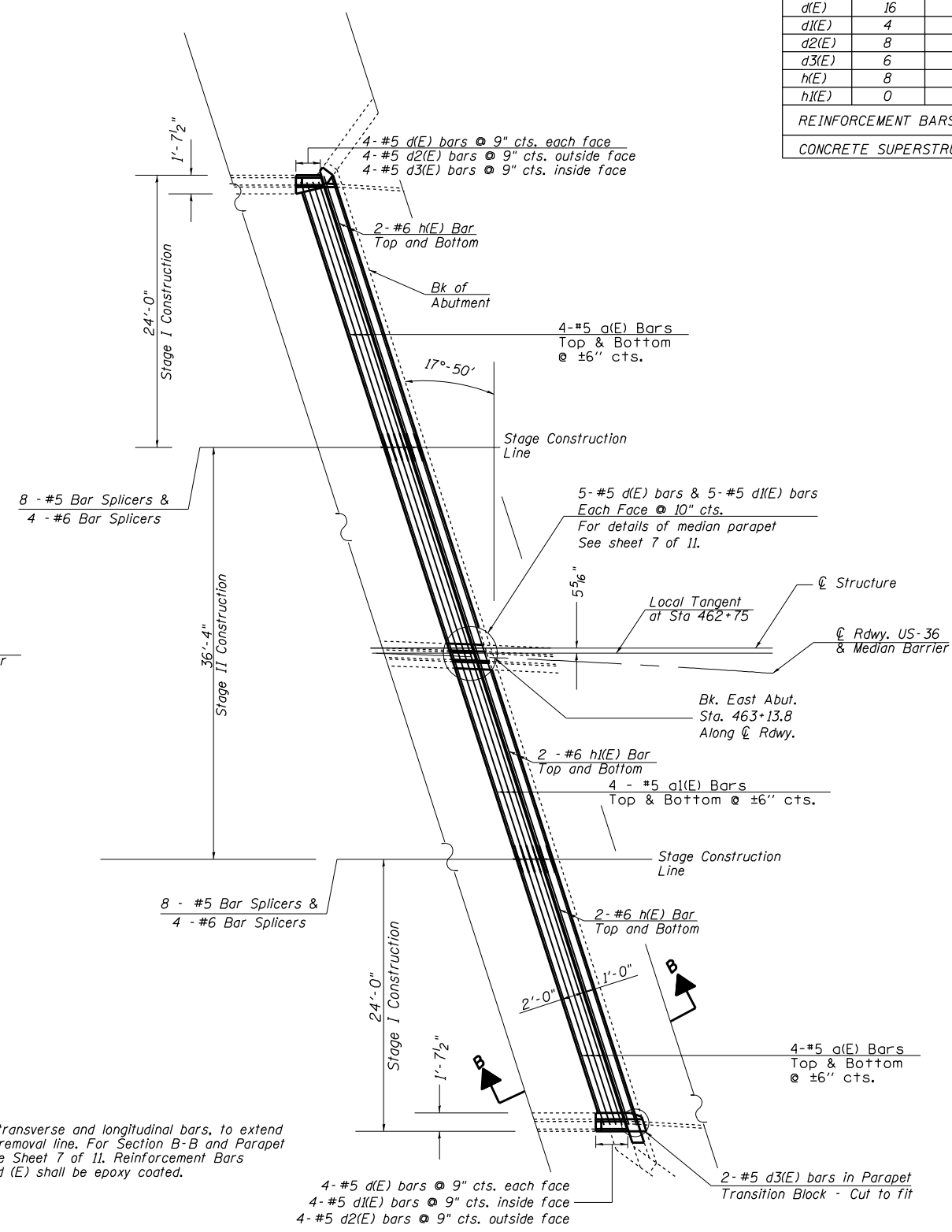
**BILL OF MATERIALS**  
(East Expansion Joint)

BAR	NUMBER OF BARS		TOTAL	SIZE	LENGTH	SHAPE	
	STAGE I	STAGE II					
a(E)	16	0	16	#5	24'-3"	—	
a1(E)	0	8	8	#5	37'-10"	—	
d(E)	16	10	26	#5	2'-10"	L	
d1(E)	4	10	14	#5	2'-8"	L	
d2(E)	8	0	8	#5	3'-9"	L	
d3(E)	6	0	6	#5	2'-5"	L	
h(E)	8	0	8	#6	25'-0"	—	
h1(E)	0	4	4	#6	37'-10"	—	
REINFORCEMENT BARS (EPOXY COATED)						POUND	1420
CONCRETE SUPERSTRUCTURE						CU YD	12.2



**PROPOSED PARTIAL PLAN**  
(East Abutment)

Note: Existing transverse and longitudinal bars, to extend past the removal line. For Section B-B and Parapet detail, See Sheet 7 of 11. Reinforcement Bars designated (E) shall be epoxy coated.



**PROPOSED PARTIAL PLAN**  
(East Abutment)

USER NAME = #USER*	DESIGNED - S. Kassel	REVISED - D. Macklin 12-2022
PLOT SCALE = #SCALE*	DRAWN - S. Kassel	REVISED -
PLOT DATE = #DATE*	CHECKED - D. Macklin	REVISED -
	DATE - ----	REVISED -

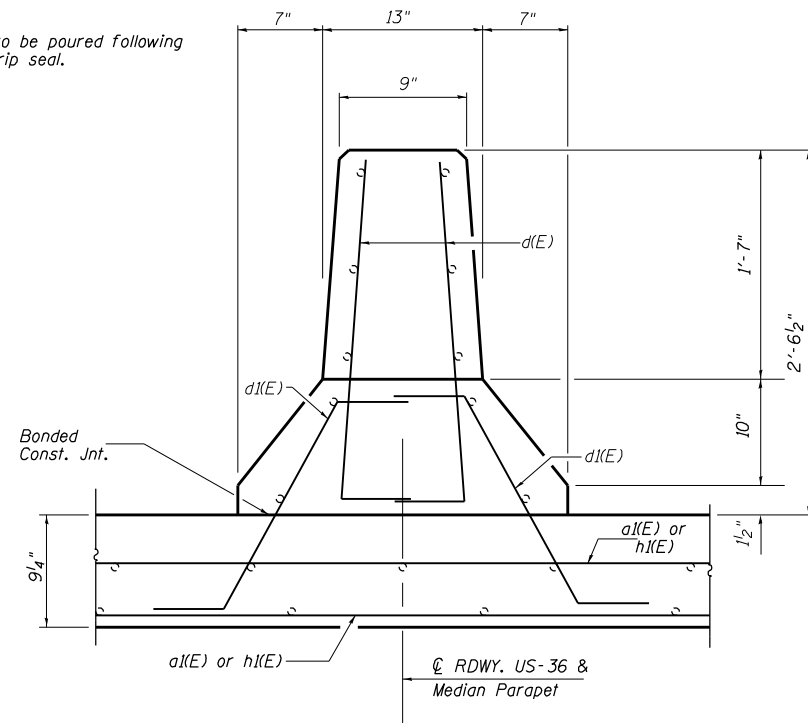
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EAST EXPANSION JOINT REPLACEMENT DETAILS**  
**SN. 058-0127**

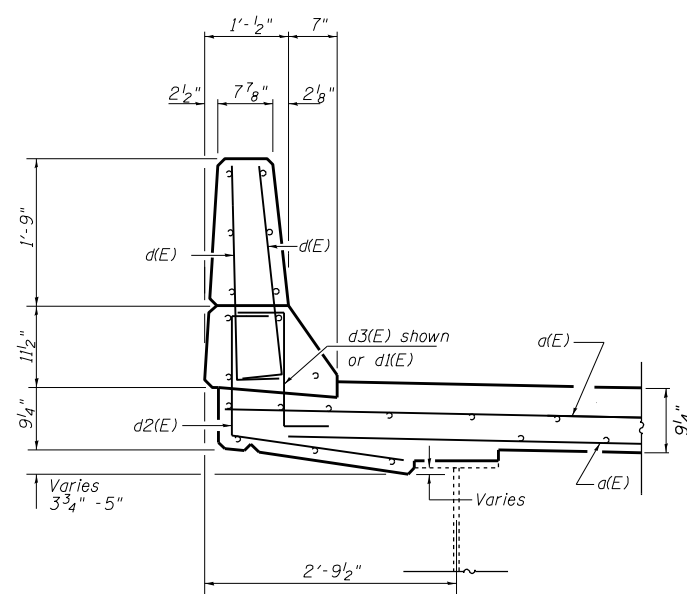
SCALE: SHEET 6 OF 11 SHEETS STA. TO STA.

• FAP 323 & FAU 7404			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
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			SHEET NO. 152
CONTRACT NO. 74702			
ILLINOIS FED. AID PROJECT			

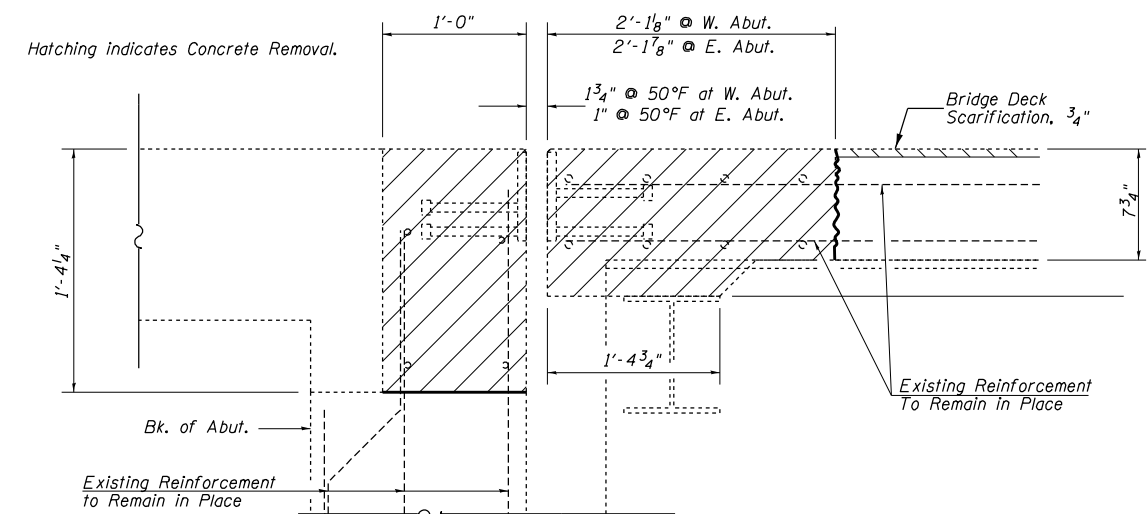
Note: Median parapet to be poured following installation of strip seal.



SECTION THRU MEDIAN PARAPET

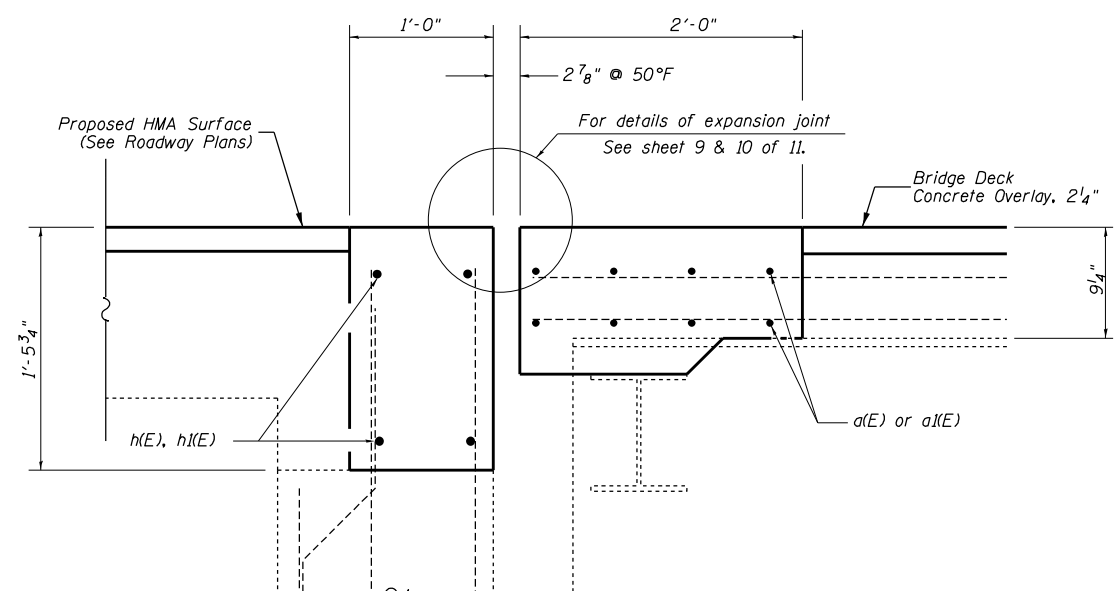


SECTION THRU OUTSIDE PARAPET



SECTION A-A

(Dimensions at Rt. L's to end of deck)



SECTION B-B

(Dimensions at Rt. L's to end of deck)

FAP 323 & FAU 7404

USER NAME = *USER*	DESIGNED - S. Kassel	REVISED - D. Macklin 12-2022
PLOT SCALE = *SCALE*	DRAWN - S. Kassel	REVISED -
PLOT DATE = *DATE*	CHECKED - D. Macklin	REVISED -
	DATE - ----	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

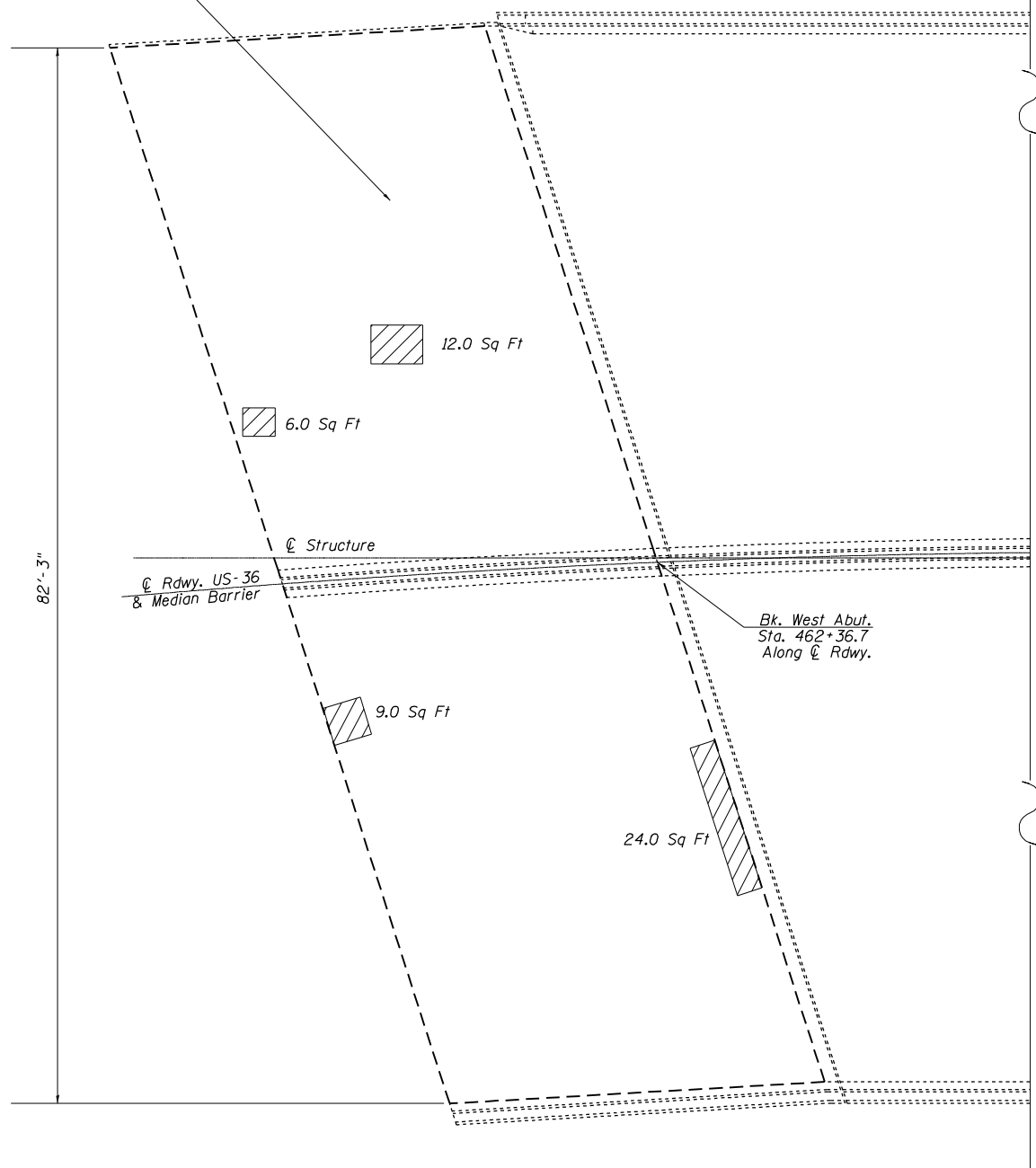
EXPANSION JOINT REPLACEMENT DETAILS  
SN. 058-0127

SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	153
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

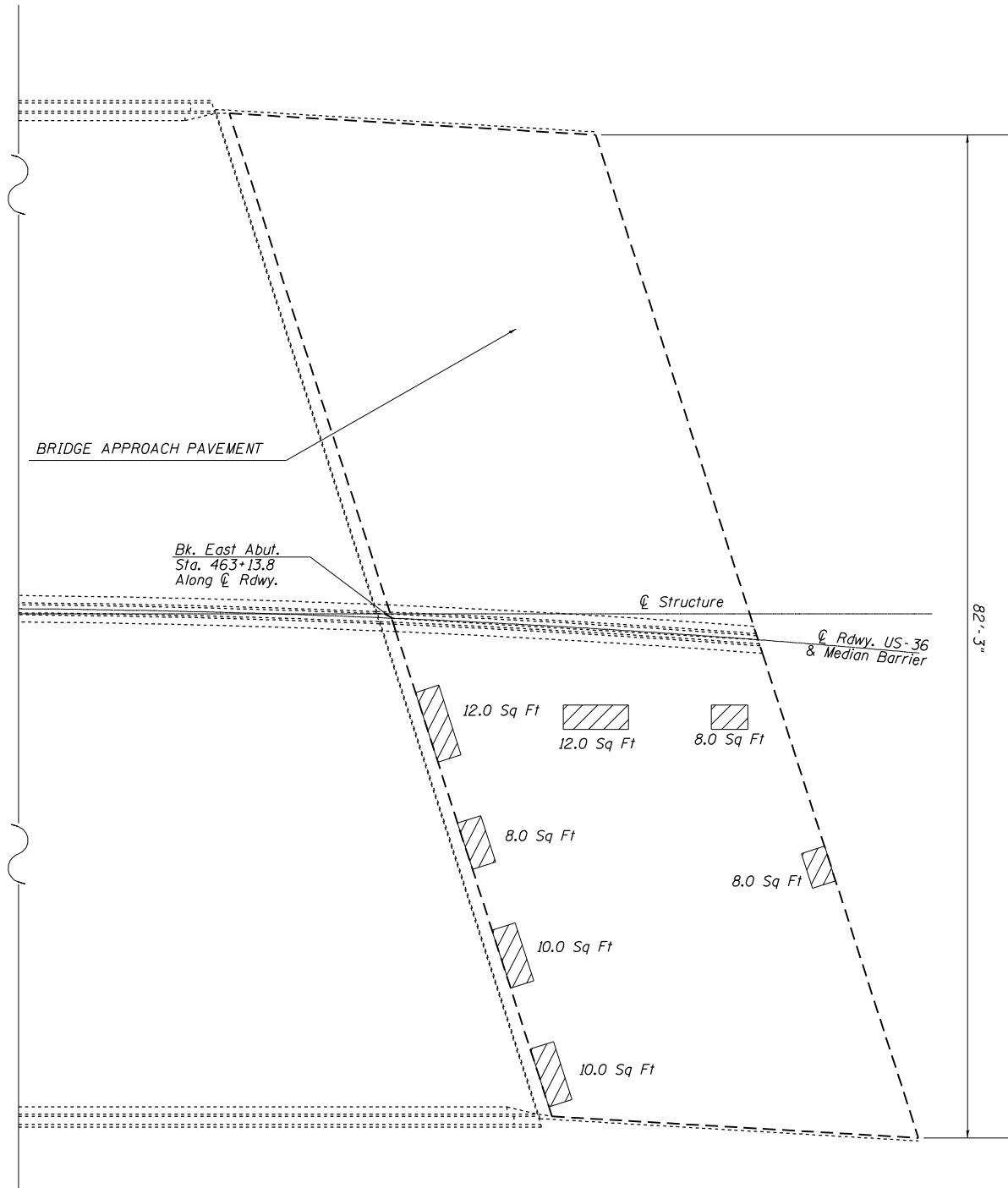


BRIDGE APPROACH PAVEMENT



WEST APPROACH PAVEMENT

BRIDGE APPROACH PAVEMENT



EAST APPROACH PAVEMENT

**BILL OF MATERIAL**

Item	Unit	Total
Approach Slab Repair (Partial Depth)	Sq Yd	14

Note: Quantities are estimated. Locations are Approximated. Actual quantities and locations to be determined in the field by the Engineer. (Not to Scale)



USER NAME = #USER*	DESIGNED - S. Kassel	REVISED -
	DRAWN - S. Kassel	REVISED -
PLOT SCALE = #SCALE*	CHECKED - D. Macklin	REVISED -
PLOT DATE = #DATE*	DATE - ----	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

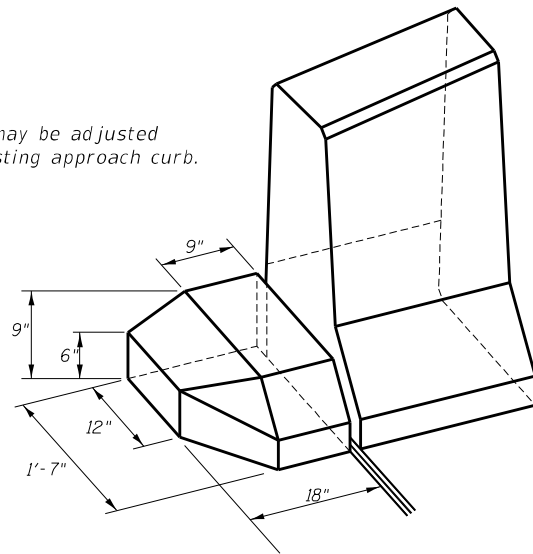
APPROACH SLAB REPAIR  
SN. 058-0127

SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

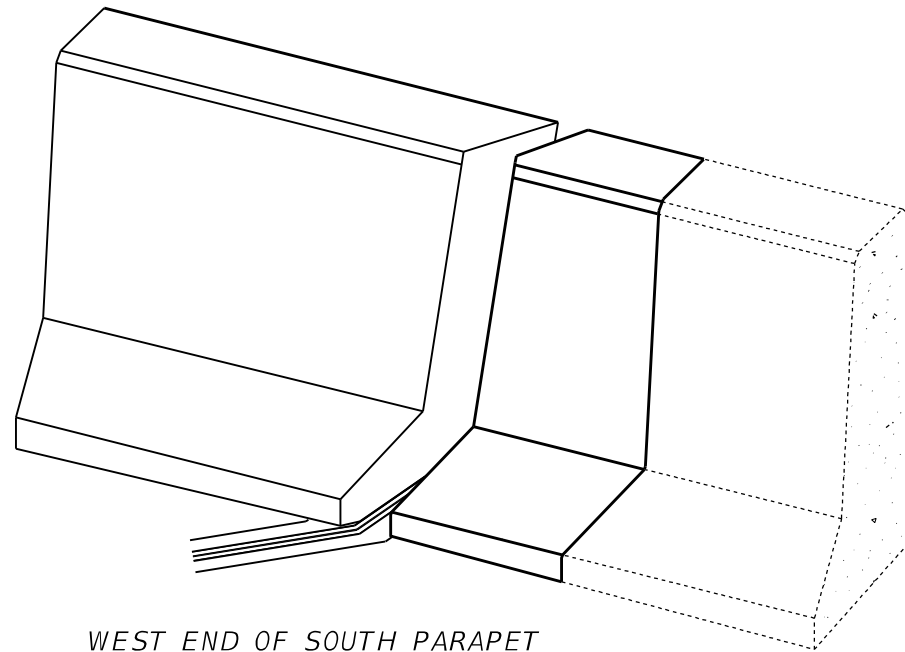
F.A.P. 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(13Z,13Z-1RS-3	Macon	208	154
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

Note: Dimensions may be adjusted to match existing approach curb.



**EAST END OF SOUTH PARAPET**  
Parapet Transition Block



**WEST END OF SOUTH PARAPET**

**Notes:**

The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

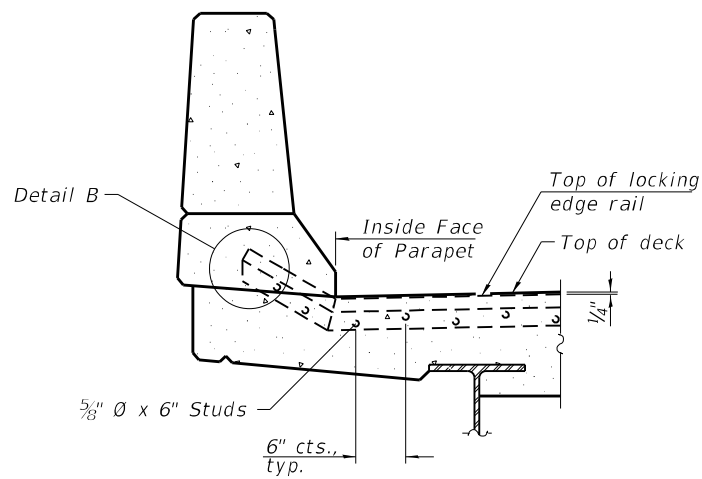
The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4 1/2" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.

The manufacturer's recommended installation methods shall be followed.

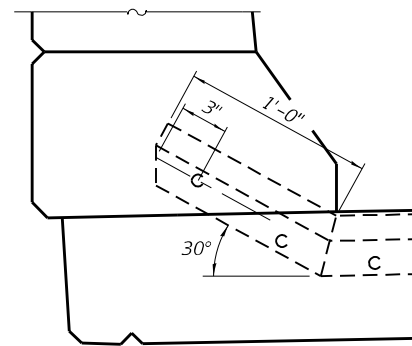
All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

The Maximum space between locking edge rail segments shall be 3/16" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.

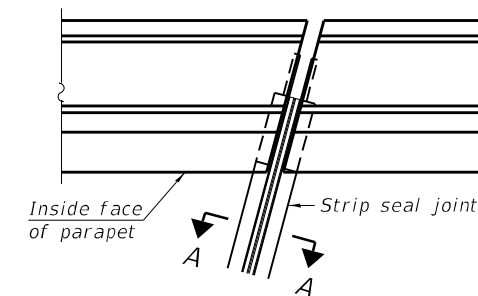
The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.



**ELEVATION AT SOUTH PARAPET**

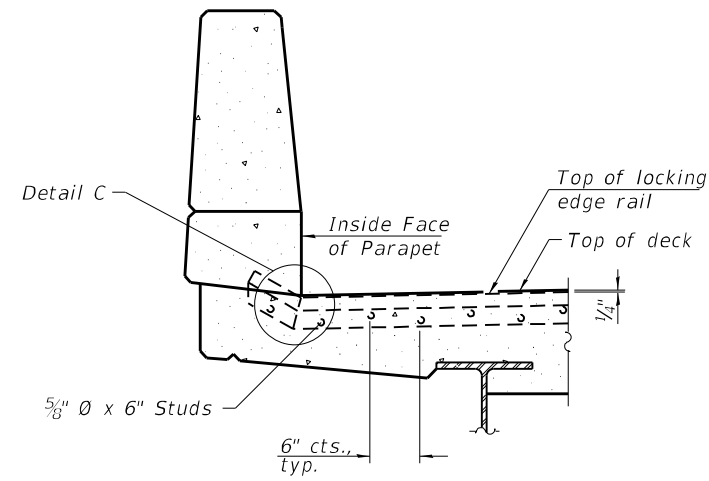


**DETAIL B**

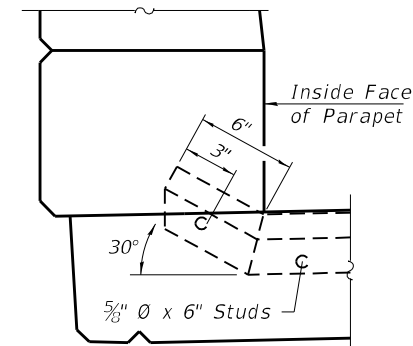


**PLAN AT SOUTH PARAPET**

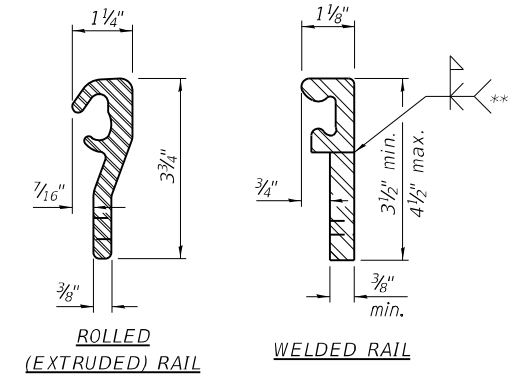
USER NAME = #USER*		DESIGNED - D. Macklin	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PREFORMED JOINT STRIP SEAL DETAILS (Sheet 1 of 2) SN. 058-0127</b>		• FAP 323 & FAU 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN - S. Kassel		REVISIED -												
PLOT SCALE = #SCALE*		CHECKED - D. Macklin	REVISIED -											
PLOT DATE = #DATE*		DATE -	REVISIED -											
				SCALE:	SHEET 9	OF 11	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				
											CONTRACT NO. 74702			



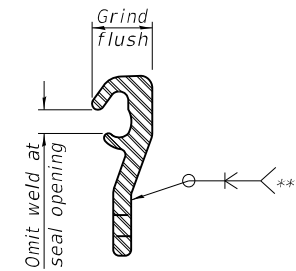
ELEVATION AT NORTH PARAPET



DETAIL C



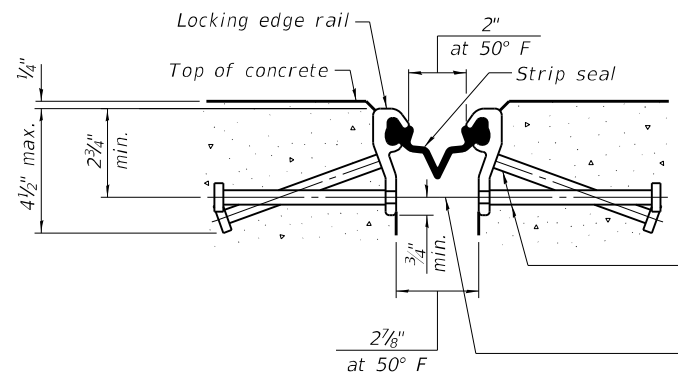
LOCKING EDGE RAILS



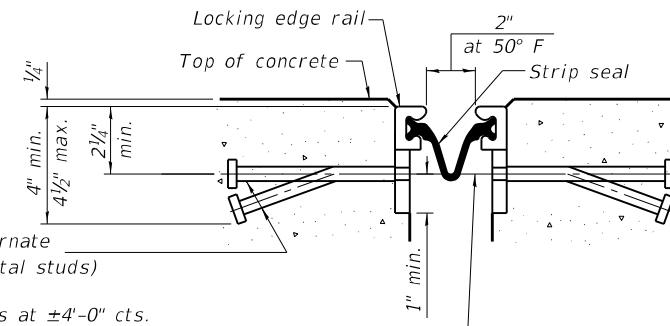
LOCKING EDGE RAIL SPLICE

\*\* Back gouge not required if complete joint penetration is verified by mock-up.

Note: The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.



SHOWING ROLLED RAIL JOINT



SHOWING WELDED RAIL JOINT

\* 5/8"  $\phi$  x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)

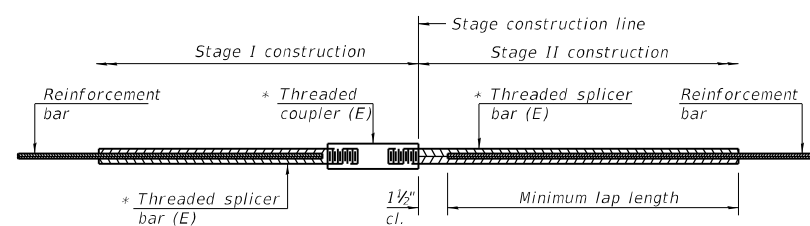
3/8"  $\phi$  threaded rods in 7/16"  $\phi$  holes at  $\pm 4$ -0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

SECTION A-A

\* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	178

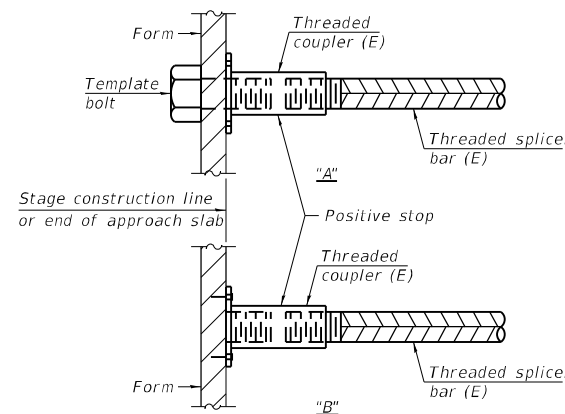


**STANDARD BAR SPLICER ASSEMBLY**

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

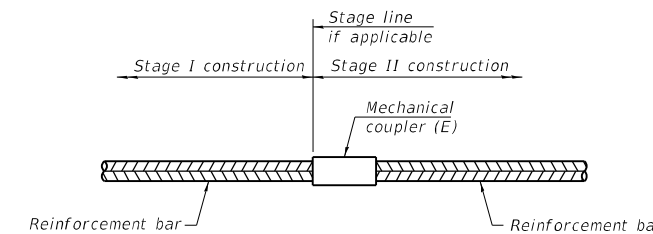
\* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Bridge Deck	#5	32	3'-6"
Backwall	#6	16	4'-0"



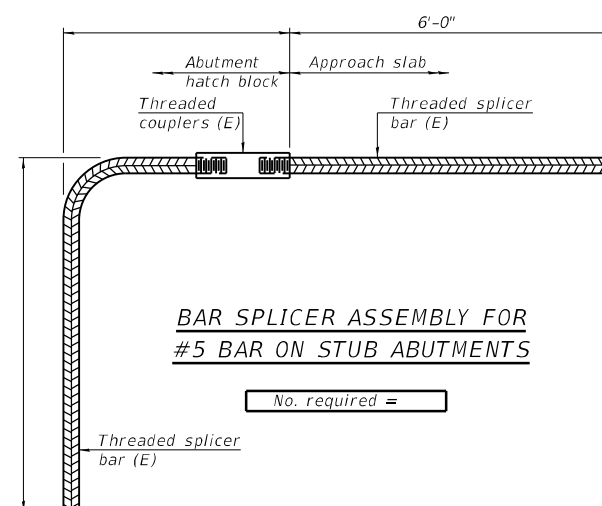
**INSTALLATION AND SETTING METHODS**

"A" : Set bar splicer assembly by means of a template bolt.  
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.  
 (E) : Indicates epoxy coating.



**STANDARD MECHANICAL SPLICER**

Location	Bar size	No. assemblies required



**BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS**

No. required =

**NOTES**

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.  
 All reinforcement shall be lapped and tied to the splicer bars.  
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.  
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

2-17-2017

USER NAME = *USER*	DESIGNED - S. Kassel	REVISED -
	DRAWN - S. Kassel	REVISED -
PLOT SCALE = *SCALE*	CHECKED - D. Macklin	REVISED -
PLOT DATE = *DATE*	DATE - ----	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS  
SN. 058-0127**

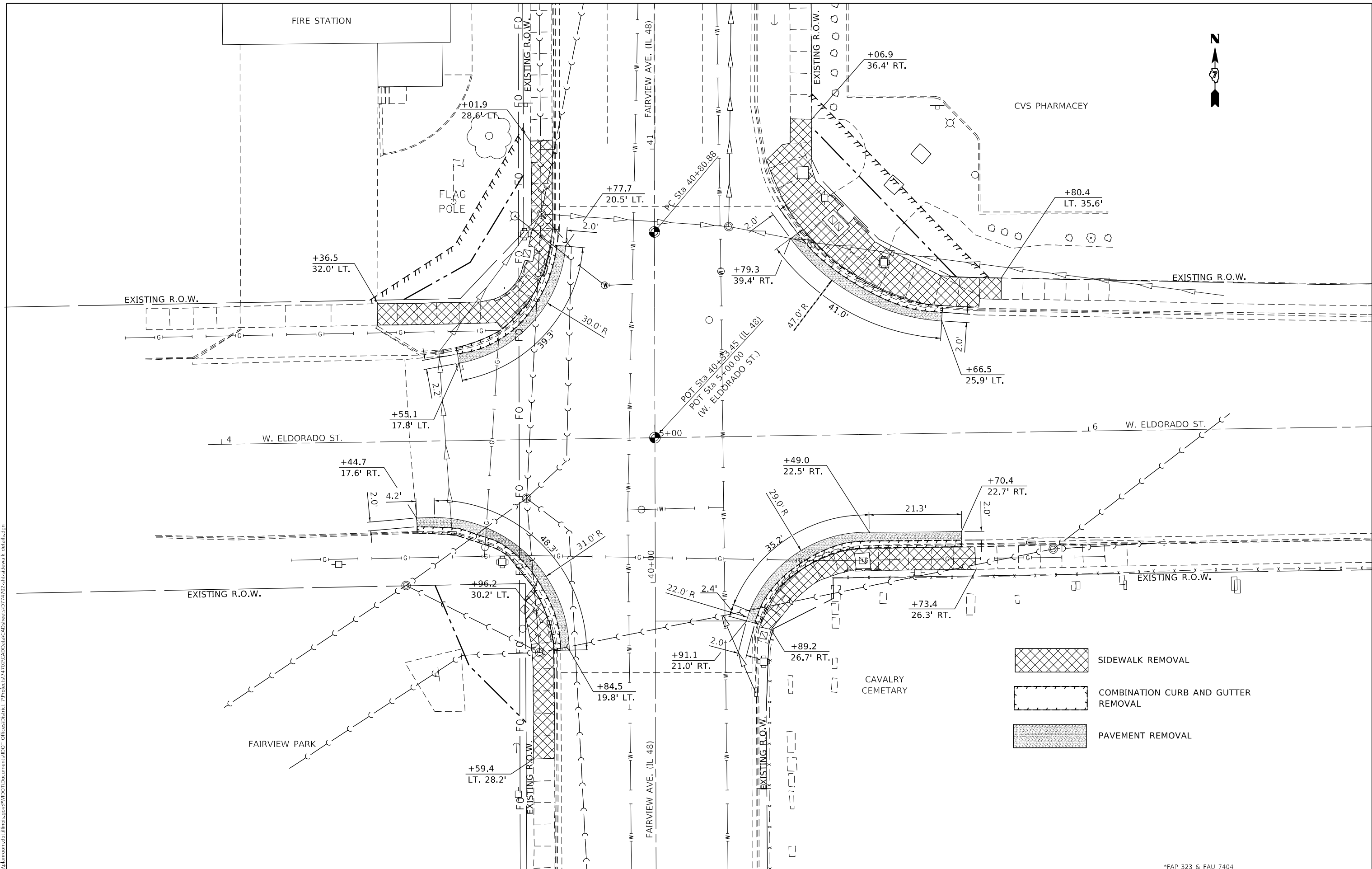
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FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 74702				

ILLINOIS FED. AID PROJECT

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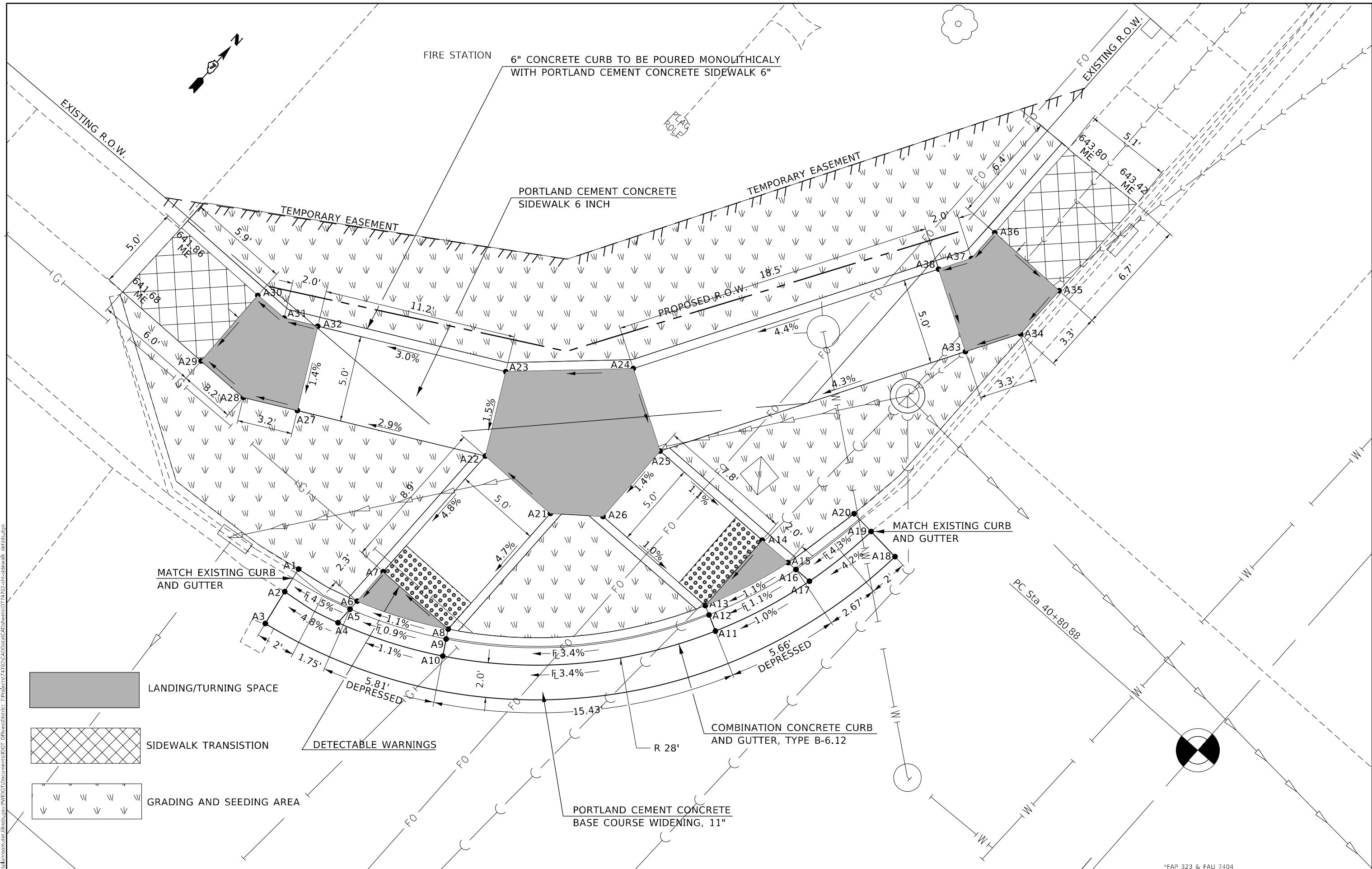
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



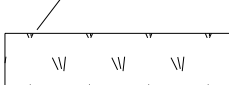
**REMOVAL DETAIL INTERSECTION A  
 IL 48 (FAIRVIEW AVE.) & W. ELDORADO ST.**

*FAP 323 & FAU 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(13Z, 13Z-1)RS-3	MACON	208	158
CONTRACT NO. 74702				
		ILLINOIS	FED. AID PROJECT	

SCALE: 10      SHEET 1 OF 41 SHEETS      STA.      TO STA.

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-  LANDING/TURNING SPACE
-  SIDEWALK TRANSITION
-  GRADING AND SEEDING AREA

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

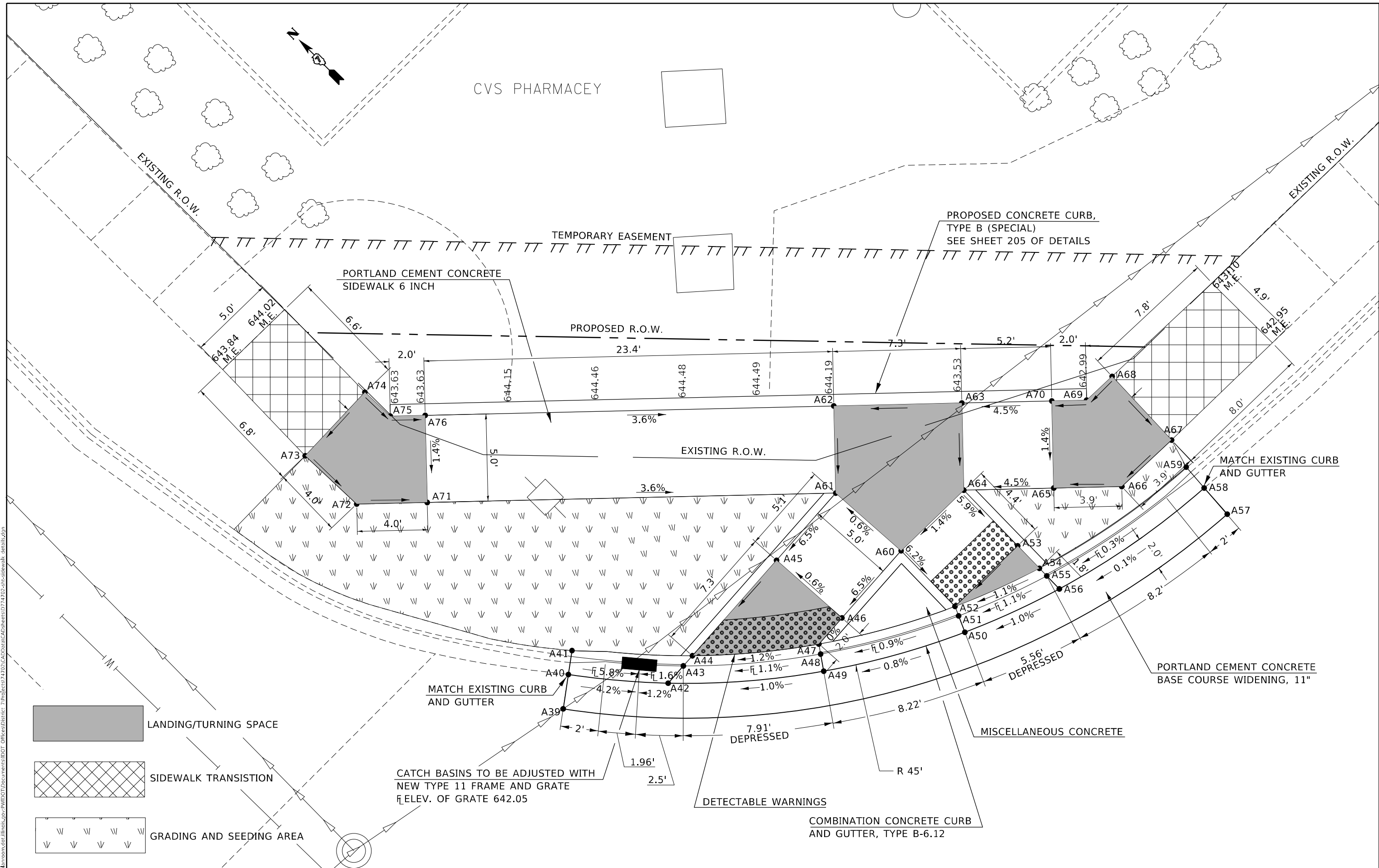
**INTERSECTION OF IL 48 (FAIRVIEW AVE.) & W. ELDORADO ST.**  
**NW QUADRANT SIDEWALK DETAIL**



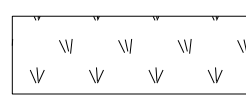
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CONTRACT NO. 74702			
ILLINOIS		FED. AID PROJECT	

SCALE: 5 SHEET 2 OF 41 SHEETS STA. TO STA.



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-  LANDING/TURNING SPACE
-  SIDEWALK TRANSITION
-  GRADING AND SEEDING AREA

CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE  
 ELEV. OF GRATE 642.05

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF IL 48 (FAIRVIEW AVE.) & W. ELDORADO ST.  
 NE QUADRANT SIDEWALK DETAIL**

SCALE: 5 SHEET 3 OF 41 SHEETS STA. TO STA.

*FAP 323 & FAU 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			(13Z, 13Z-1)RS-3	MACON	208	160
				CONTRACT NO. 74702		
		ILLINOIS FED. AID PROJECT				



FAIRVIEW PARK

CATCH BASINS TO BE ADJUSTED WITH  
NEW TYPE 11 FRAME AND GRATE  
ELEV. OF GRATE 640.91

MATCH EXISTING CURB  
AND GUTTER

PROPOSED R.O.W.

EXISTING R.O.W.

PORTLAND CEMENT CONCRETE  
SIDEWALK 6 INCH

DETECTABLE WARNINGS

DEPRESSED

EXISTING R.O.W.

641.87  
ME

4.8'

641.7  
ME

MATCH EXISTING  
TOP OF CURB

MATCH EXISTING CURB  
AND GUTTER

COMBINATION CONCRETE CURB  
AND GUTTER, TYPE B-6.12

PORTLAND CEMENT CONCRETE  
BASE COURSE WIDENING, 11"

LANDING/TURNING SPACE

SIDEWALK TRANSITION

GRADING AND SEEDING AREA

\*FAP 323 & FAU 7404

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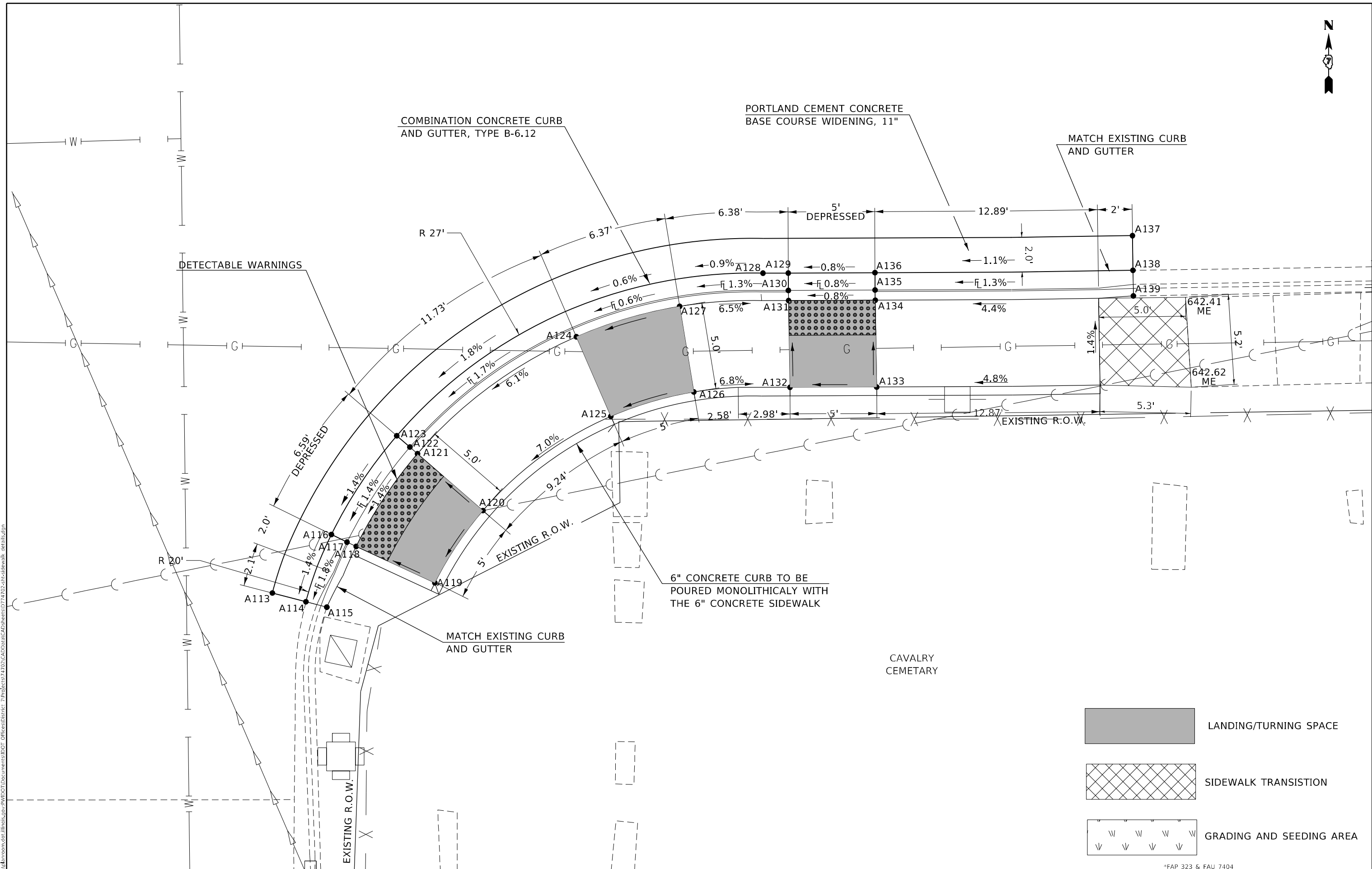
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF IL. 48 (FAIRVIEW AVE.) & W. ELDORADO ST.  
SW QUADRANT SIDEWALK DETAIL

SCALE: 5 SHEET 4 OF 41 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



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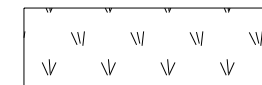
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

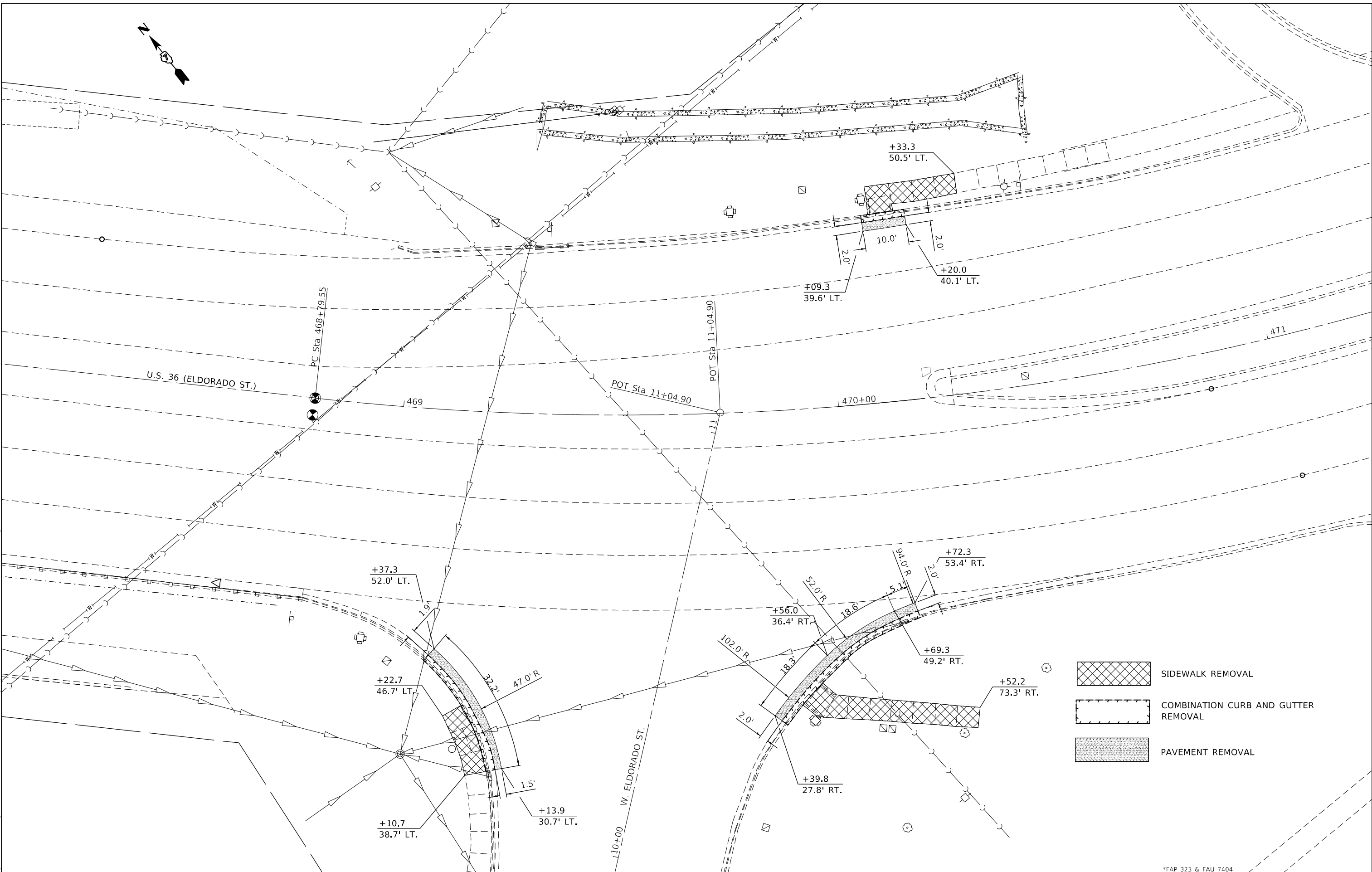
**INTERSECTION OF IL 48 (FAIRVIEW AVE.) & W. ELDORADO ST.**  
**SE QUADRANT SIDEWALK DETAIL**

SCALE: 5 SHEET 5 OF 41 SHEETS STA. TO STA.

*FAP 323 & FAU 7404			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
*	(13Z, 13Z-1)RS-3	MACON	208
			SHEET NO. 162
CONTRACT NO. 74702			
ILLINOIS FED. AID PROJECT			

	LANDING/TURNING SPACE
	SIDEWALK TRANSITION
	GRADING AND SEEDING AREA





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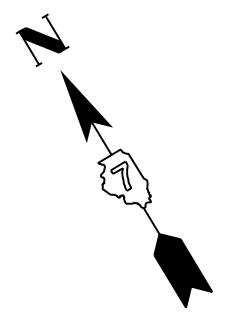
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**REMOVAL DETAIL INTERSECTION B**  
**U.S. 36 (ELDORADO ST.) & W. ELDORADO ST.**

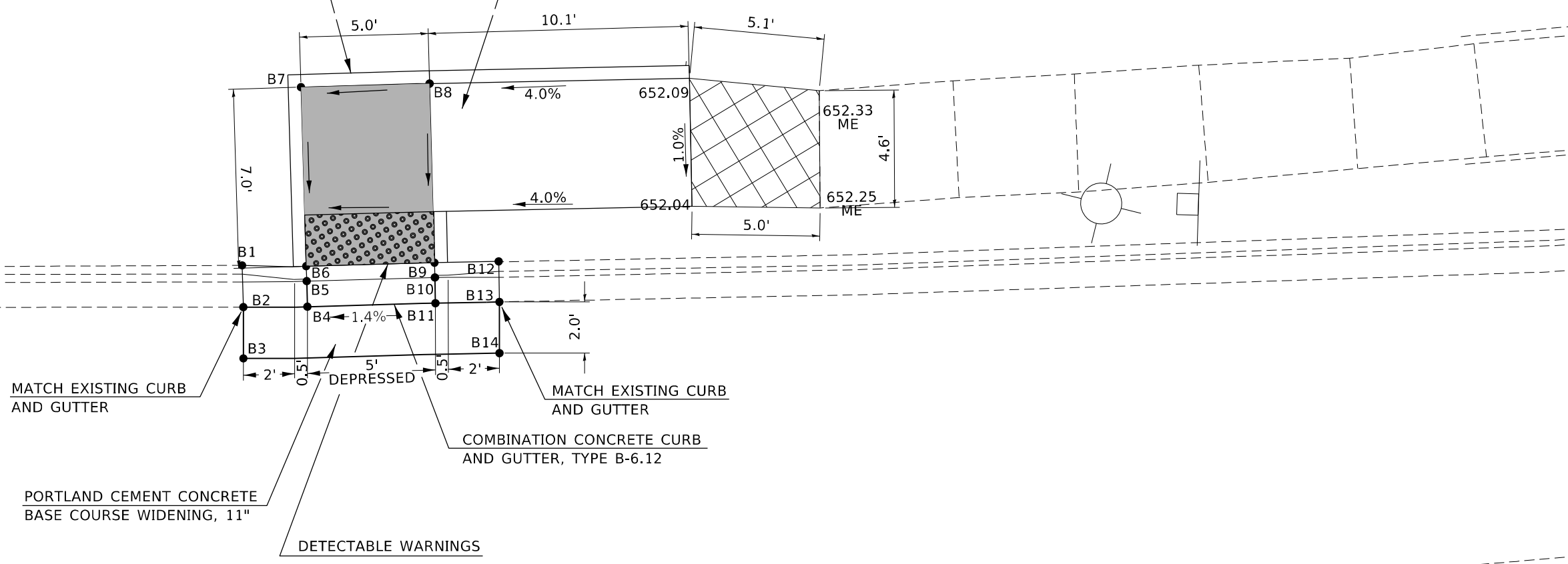
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F.A. RTE.	SECTION	COUNTY	
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		CONTRACT NO. 74702	
		ILLINOIS	FED. AID PROJECT

SCALE: 10 SHEET 7 OF 41 SHEETS STA. TO STA.



6" CONCRETE CURB TO BE  
POURED MONOLITHICALLY WITH  
THE 6" CONCRETE SIDEWALK

PORTLAND CEMENT CONCRETE  
SIDEWALK 6 INCH



- LANDING/TURNING SPACE
- SIDEWALK TRANSITION
- GRADING AND SEEDING AREA

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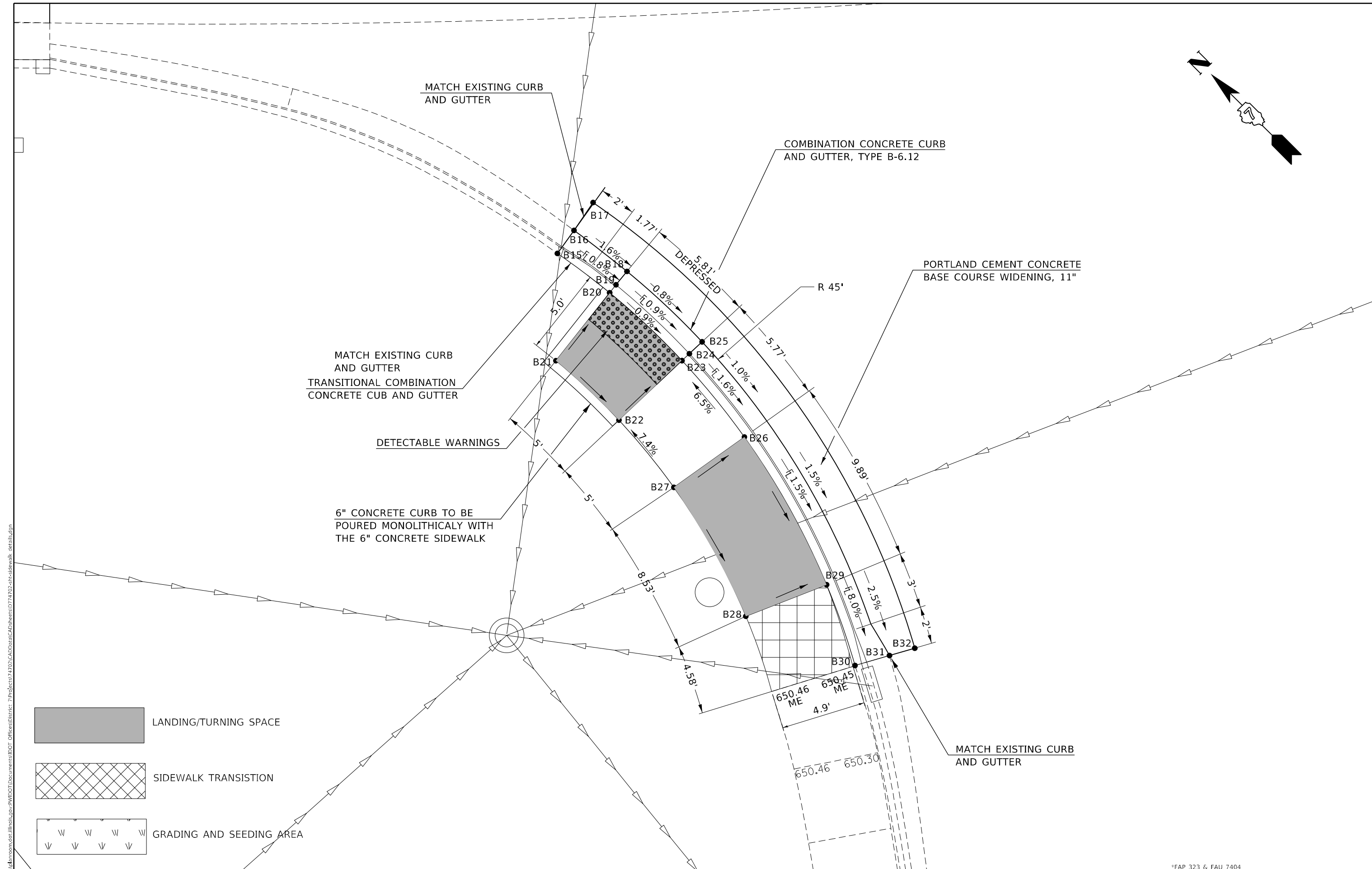
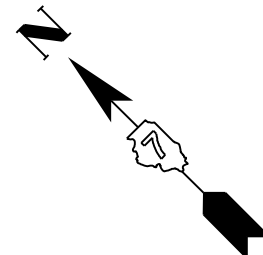
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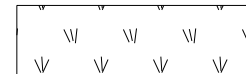
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF U.S. 36 (ELDORADO ST.) & W. ELDORADO ST.  
NE QUADRANT SIDEWALK DETAIL**

SCALE: 5      SHEET 8    OF 41    SHEETS    STA.                      TO STA.

*FAP 323 & FAU 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(13Z, 13Z-1)RS-3	MACON	208	165
CONTRACT NO. 74702				
		ILLINOIS	FED. AID PROJECT	



-  LANDING/TURNING SPACE
-  SIDEWALK TRANSITION
-  GRADING AND SEEDING AREA

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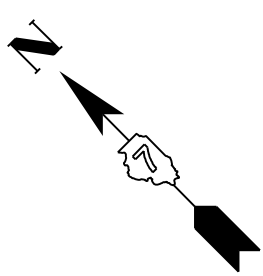
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF U.S. 36 (ELDORADO ST.) & W. ELDORADO ST.**  
**SW QUADRANT SIDEWALK DETAIL**

*FAP 323 & FAU 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(13Z, 13Z-1)RS-3	MACON	208	166
CONTRACT NO. 74702				
ILLINOIS			FED. AID PROJECT	

SCALE: 5      SHEET 9 OF 41 SHEETS      STA.      TO STA.



MATCH EXISTING CURB AND GUTTER

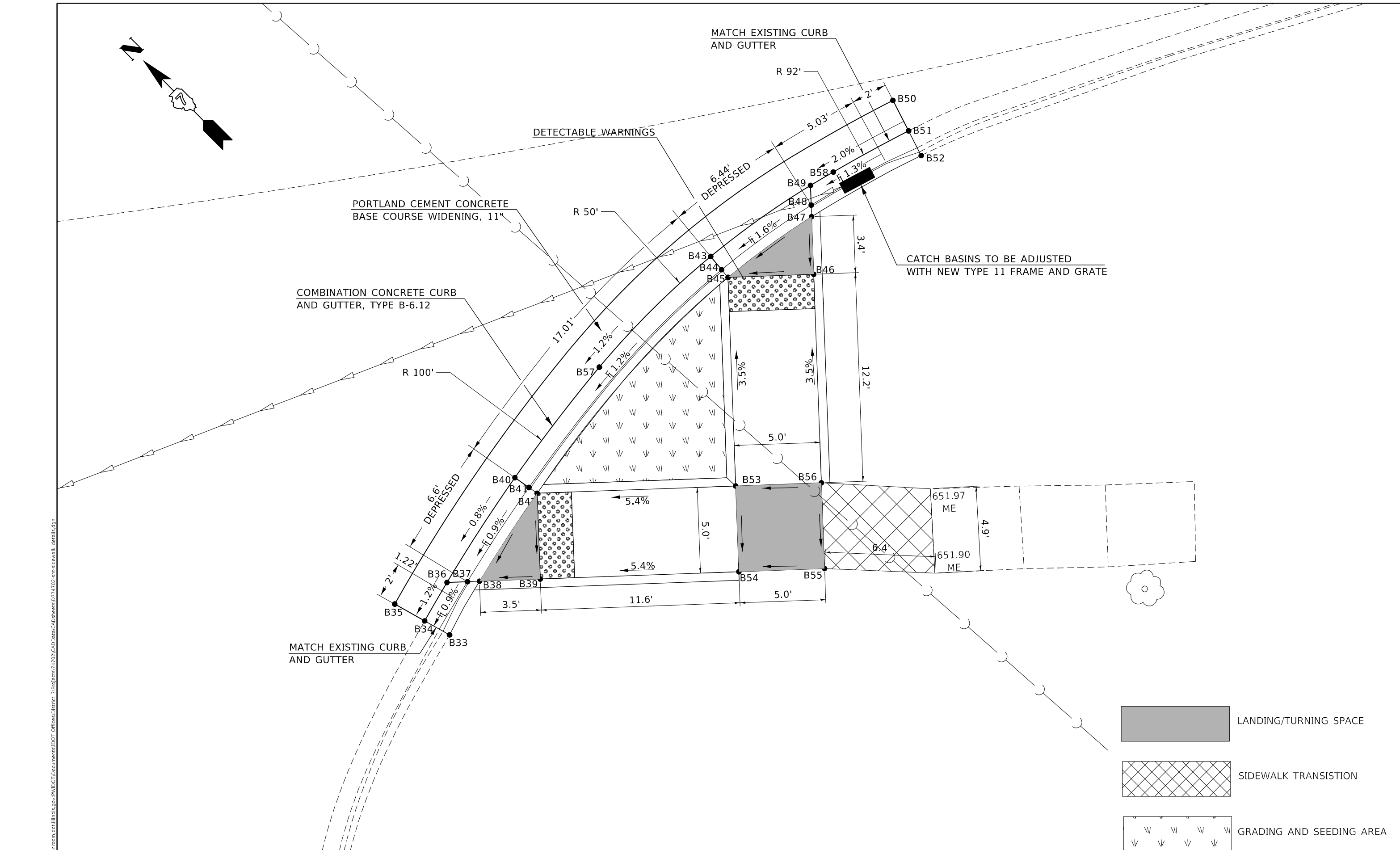
DETECTABLE WARNINGS



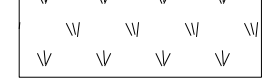
PORTLAND CEMENT CONCRETE  
BASE COURSE WIDENING, 11"

COMBINATION CONCRETE CURB  
AND GUTTER, TYPE B-6.12

CATCH BASINS TO BE ADJUSTED  
WITH NEW TYPE 11 FRAME AND GRATE

MATCH EXISTING CURB  
AND GUTTER



	LANDING/TURNING SPACE
	SIDEWALK TRANSITION
	GRADING AND SEEDING AREA

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PLOT DATE = 2/11/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF U.S. 36 (ELDORADO ST.) & W. ELDORADO ST.**  
**SE QUADRANT SIDEWALK DETAIL**

*FAP 323 & FAU 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			(13Z, 13Z-1)RS-3	MACON	208	167
				CONTRACT NO. 74702		
SCALE: 5		SHEET 10	OF 41 SHEETS	STA.	TO STA.	
ILLINOIS FED. AID PROJECT						



INTERSECTION B NE QUADRANT

Point#	North(Y)	East(X)	Elev(Z)
Pt B1,	N 1158419.738,	E 803984.946,	Z 651.920,
Pt B2,	N 1158418.416,	E 803984.179,	Z 651.540,
Pt B3,	N 1158416.636,	E 803983.144,	Z 651.570,
Pt B4,	N 1158417.142,	E 803986.329,	Z 651.580,
Pt B5,	N 1158418.015,	E 803986.838,	Z 651.550,
Pt B6,	N 1158418.478,	E 803987.106,	Z 651.590,
Pt B7,	N 1158424.531,	E 803990.623,	Z 651.620,
Pt B8,	N 1158422.056,	E 803994.993,	Z 651.690,
Pt B9,	N 1158415.957,	E 803991.436,	Z 651.660,
Pt B10,	N 1158415.453,	E 803991.142,	Z 651.620,
Pt B11,	N 1158414.593,	E 803990.631,	Z 651.650,
Pt B12,	N 1158414.678,	E 803993.589,	Z 652.090,
Pt B13,	N 1158413.317,	E 803992.781,	Z 651.710,
Pt B14,	N 1158411.601,	E 803991.762,	Z 651.740,

INTERSECTION B SW QUADRANT

Point#	North(Y)	East(X)	Elev(Z)
Pt B15,	N 1158402.588,	E 803842.686,	Z 650.940,
Pt B16,	N 1158402.849,	E 803844.302,	Z 650.660,
Pt B17,	N 1158403.205,	E 803846.215,	Z 650.690,
Pt B18,	N 1158399.018,	E 803844.789,	Z 650.600,
Pt B19,	N 1158398.920,	E 803843.794,	Z 650.570,
Pt B20,	N 1158398.853,	E 803843.215,	Z 650.610,
Pt B21,	N 1158398.276,	E 803838.248,	Z 650.660,
Pt B22,	N 1158393.282,	E 803838.397,	Z 650.610,
Pt B23,	N 1158393.136,	E 803843.395,	Z 650.560,
Pt B24,	N 1158393.119,	E 803843.978,	Z 650.520,
Pt B25,	N 1158393.085,	E 803844.978,	Z 650.550,
Pt B26,	N 1158387.480,	E 803842.829,	Z 650.930,
Pt B27,	N 1158388.303,	E 803837.897,	Z 650.980,
Pt B28,	N 1158380.115,	E 803835.576,	Z 650.830,
Pt B29,	N 1158378.111,	E 803840.157,	Z 650.780,
Pt B30,	N 1158373.643,	E 803838.013,	Z 650.450,
Pt B31,	N 1158372.895,	E 803839.409,	Z 650.210,
Pt B32,	N 1158371.929,	E 803841.160,	Z 650.210,

INTERSECTION B SE QUADRANT

Point#	North(Y)	East(X)	Elev(Z)
Pt B33,	N 1158338.662,	E 803898.866,	Z 651.400,
Pt B34,	N 1158340.269,	E 803898.418,	Z 650.890,
Pt B35,	N 1158342.195,	E 803897.880,	Z 650.900,
Pt B36,	N 1158340.934,	E 803900.924,	Z 650.920,
Pt B37,	N 1158340.121,	E 803901.799,	Z 650.890,
Pt B38,	N 1158339.645,	E 803902.311,	Z 650.930,
Pt B39,	N 1158337.229,	E 803904.911,	Z 650.950,
Pt B40,	N 1158342.451,	E 803908.041,	Z 650.980,
Pt B41,	N 1158341.466,	E 803908.213,	Z 650.950,
Pt B42,	N 1158340.892,	E 803908.314,	Z 650.990,
Pt B43,	N 1158343.497,	E 803925.230,	Z 651.180,
Pt B44,	N 1158342.501,	E 803925.135,	Z 651.150,
Pt B45,	N 1158341.921,	E 803925.080,	Z 651.190,
Pt B46,	N 1158338.517,	E 803928.743,	Z 651.260,
Pt B47,	N 1158340.977,	E 803931.029,	Z 651.290,
Pt B48,	N 1158341.471,	E 803931.488,	Z 651.250,
Pt B49,	N 1158342.314,	E 803932.270,	Z 651.280,
Pt B50,	N 1158342.420,	E 803939.177,	Z 651.480,
Pt B51,	N 1158340.518,	E 803938.561,	Z 651.410,
Pt B52,	N 1158338.983,	E 803938.064,	Z 651.870,
Pt B53,	N 1158333.008,	E 803916.799,	Z 651.620,
Pt B54,	N 1158329.345,	E 803913.396,	Z 651.580,
Pt B55,	N 1158325.942,	E 803917.059,	Z 651.610,
Pt B56,	N 1158329.605,	E 803920.462,	Z 651.690,
Pt B57,	N 1158343.528,	E 803916.078,	Z 651.080,
Pt B58,	N 1158341.927,	E 803933.764,	Z 651.310,

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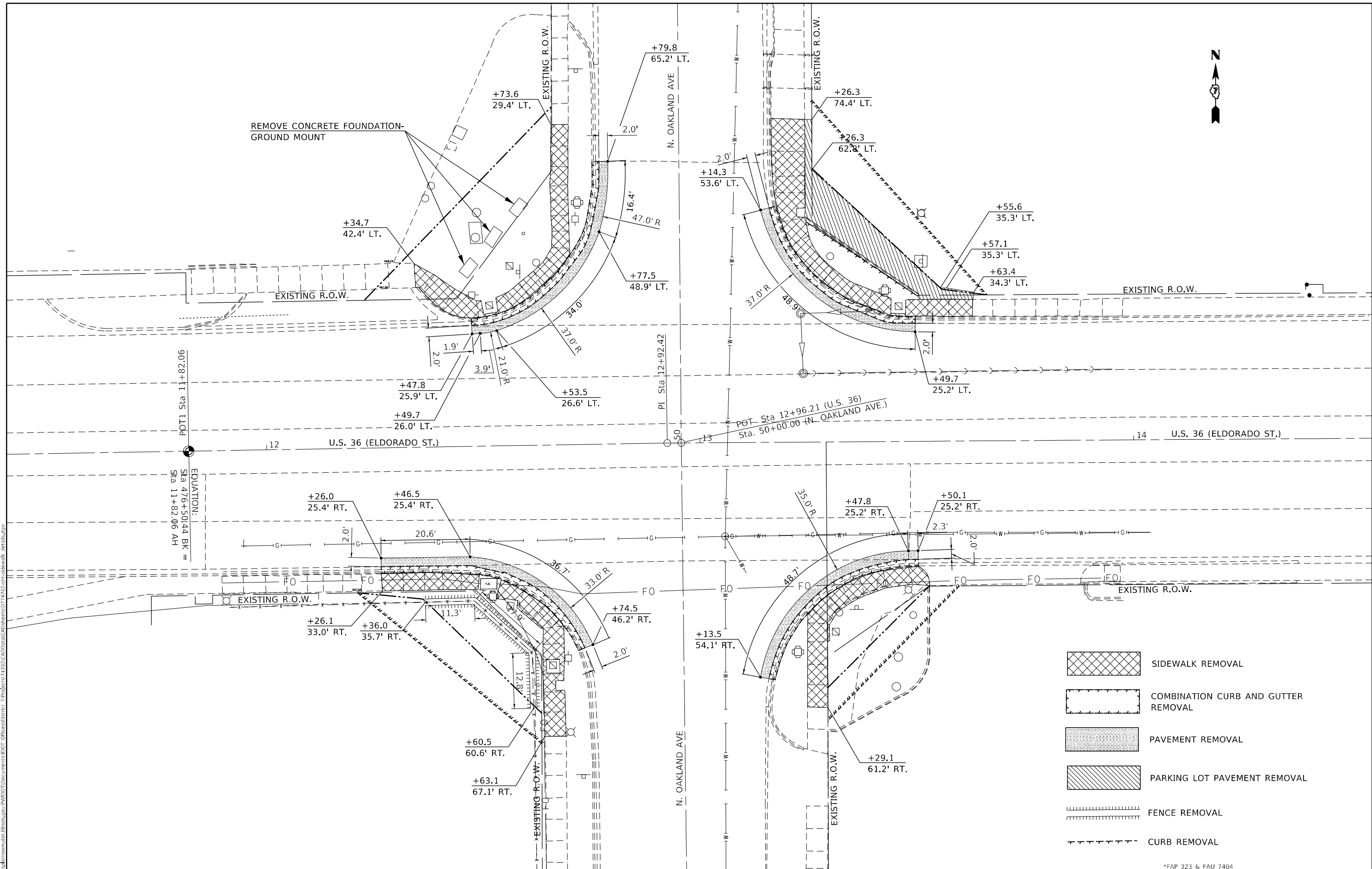
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COORDINATE TABLE  
INTERSECTION B**

SCALE: NA SHEET 11 OF 41 SHEETS STA. TO STA.

\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	168
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



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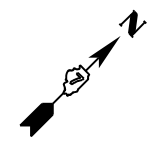
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL DETAIL INTERSECTION C  
 U.S. 36 (ELDORADO ST.) & N. OAKLAND AVE.**

SCALE: 10 SHEET 12 OF 41 SHEETS STA. TO STA.

*FAP 323 & FAU 7404		COUNTY	TOTAL SHEETS	SHEET NO.
F.A. RTE.	SECTION			
	(13Z, 13Z-1)RS-3	MACON	208	169
CONTRACT NO. 74702				
ILLINOIS		FED. AID PROJECT		

PHILLIPS 66  
GAS STATION



REMOVE CONCRETE FOUNDATION-  
GROUND MOUNT

6" CONCRETE CURB TO BE  
POURED MONOLITHICALLY WITH  
THE 6" CONCRETE SIDEWALK

ROCK

PROPOSED R.O.W.

PORTLAND CEMENT CONCRETE  
SIDEWALK 6 INCH

EXISTING R.O.W.



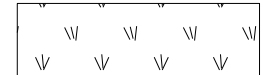
EXISTING R.O.W.

MATCH EXISTING CURB  
AND GUTTER

MATCH EXISTING CURB  
AND GUTTER

PORTLAND CEMENT CONCRETE  
BASE COURSE WIDENING, 11"

DETECTABLE WARNINGS

	LANDING/TURNING SPACE
	SIDEWALK TRANSITION
	GRADING AND SEEDING AREA

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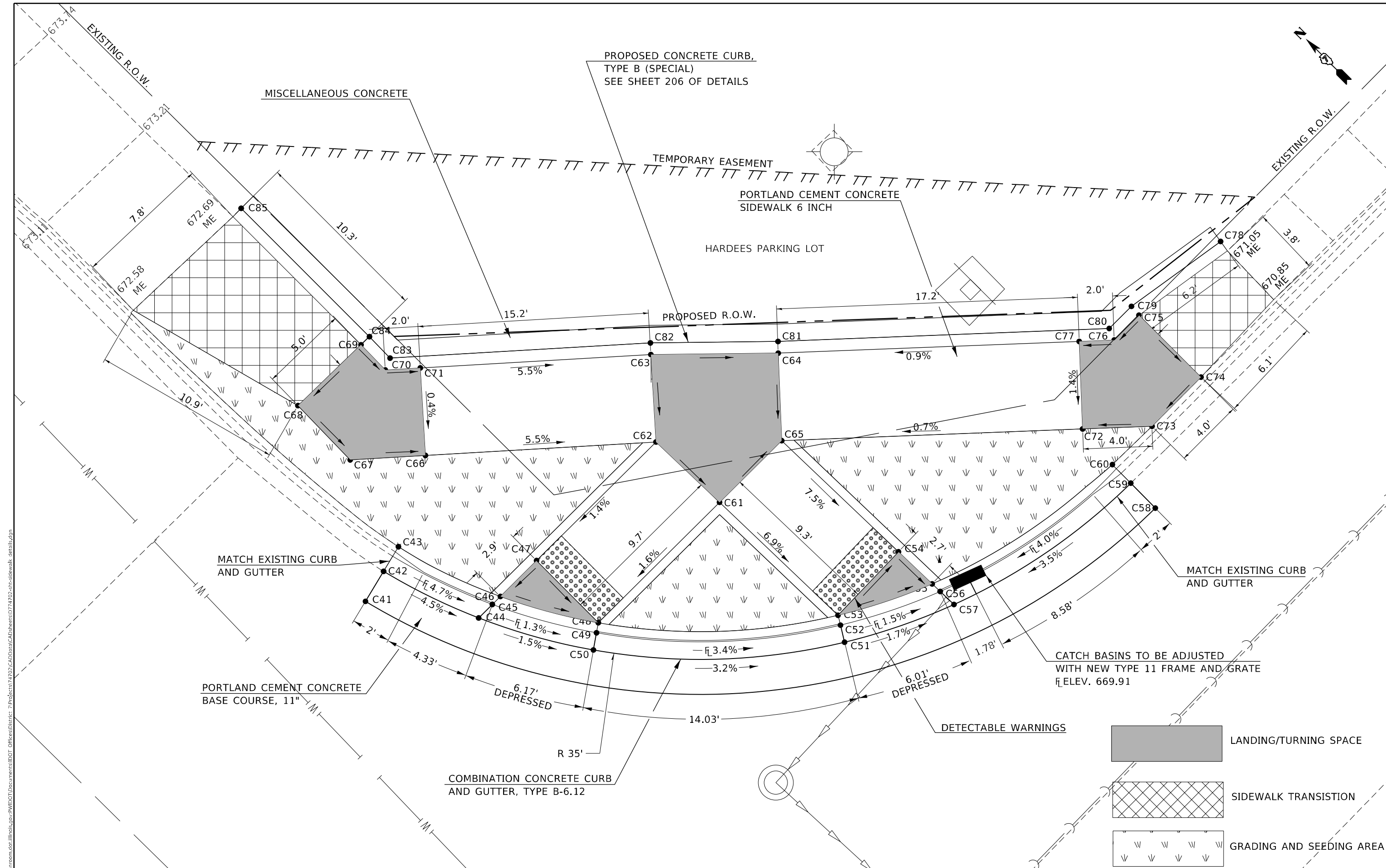
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. OAKLAND AVE.  
NW QUADRANT SIDEWALK DETAIL**

SCALE: 5 SHEET 13 OF 41 SHEETS STA. TO STA.

*FAP 323 & FAU 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			(13Z, 13Z-1)RS-3	MACON	208	170
				CONTRACT NO. 74702		
				ILLINOIS FED. AID PROJECT		



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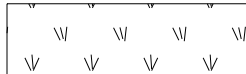
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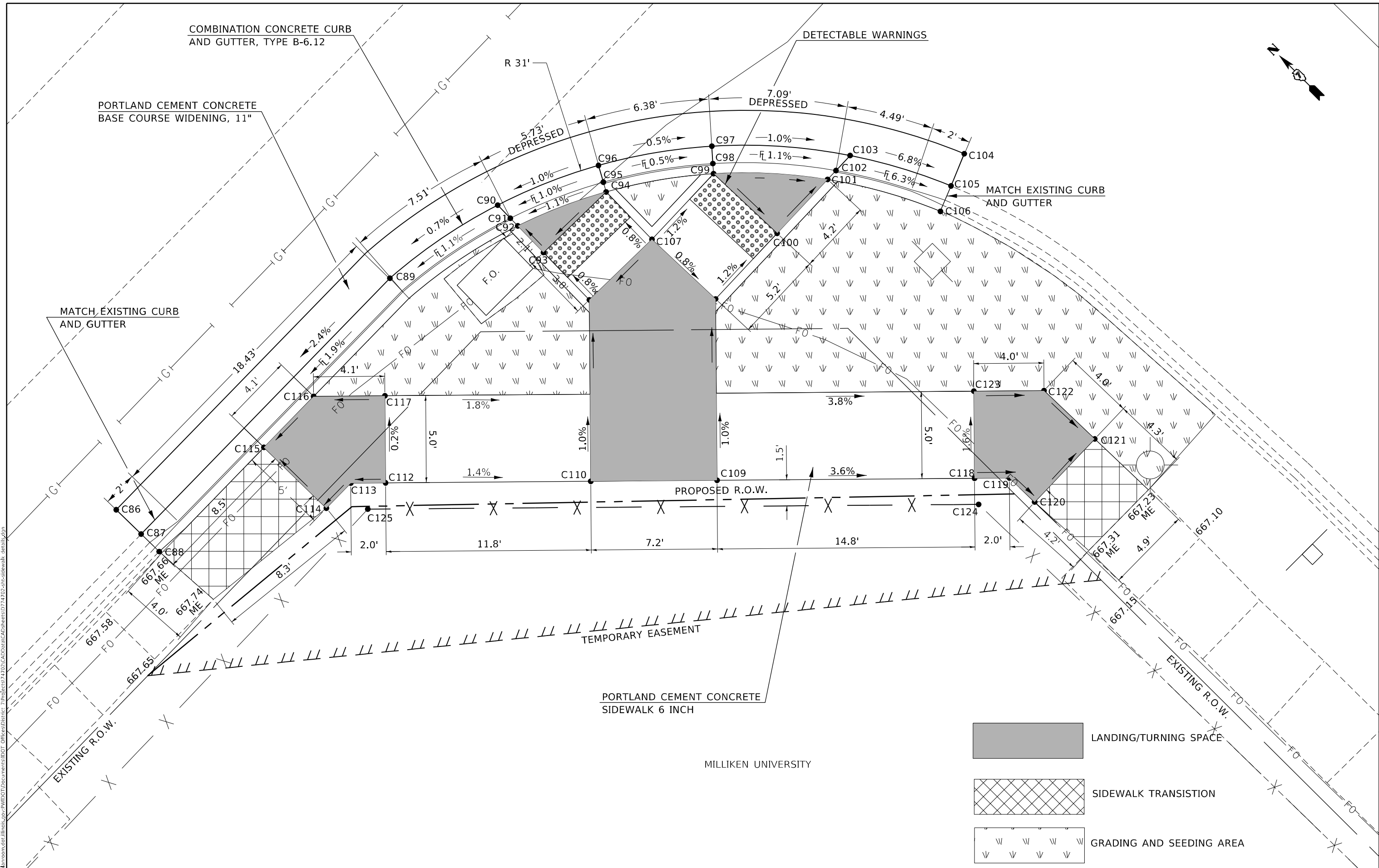
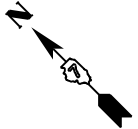
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. OAKLAND AVE.**  
**NE QUADRANT SIDEWALK DETAIL**

SCALE: 5 SHEET 14 OF 41 SHEETS STA. TO STA.

*FAP 323 & FAU 7404		F.A. COUNTY	TOTAL SHEETS	SHEET NO.
F.A. SECTION	(13Z, 13Z-1)RS-3	MACON	208	171
		CONTRACT NO. 74702		
		ILLINOIS FED. AID PROJECT		

-  LANDING/TURNING SPACE
-  SIDEWALK TRANSITION
-  GRADING AND SEEDING AREA



LANDING/TURNING SPACE  
 SIDEWALK TRANSITION  
 GRADING AND SEEDING AREA

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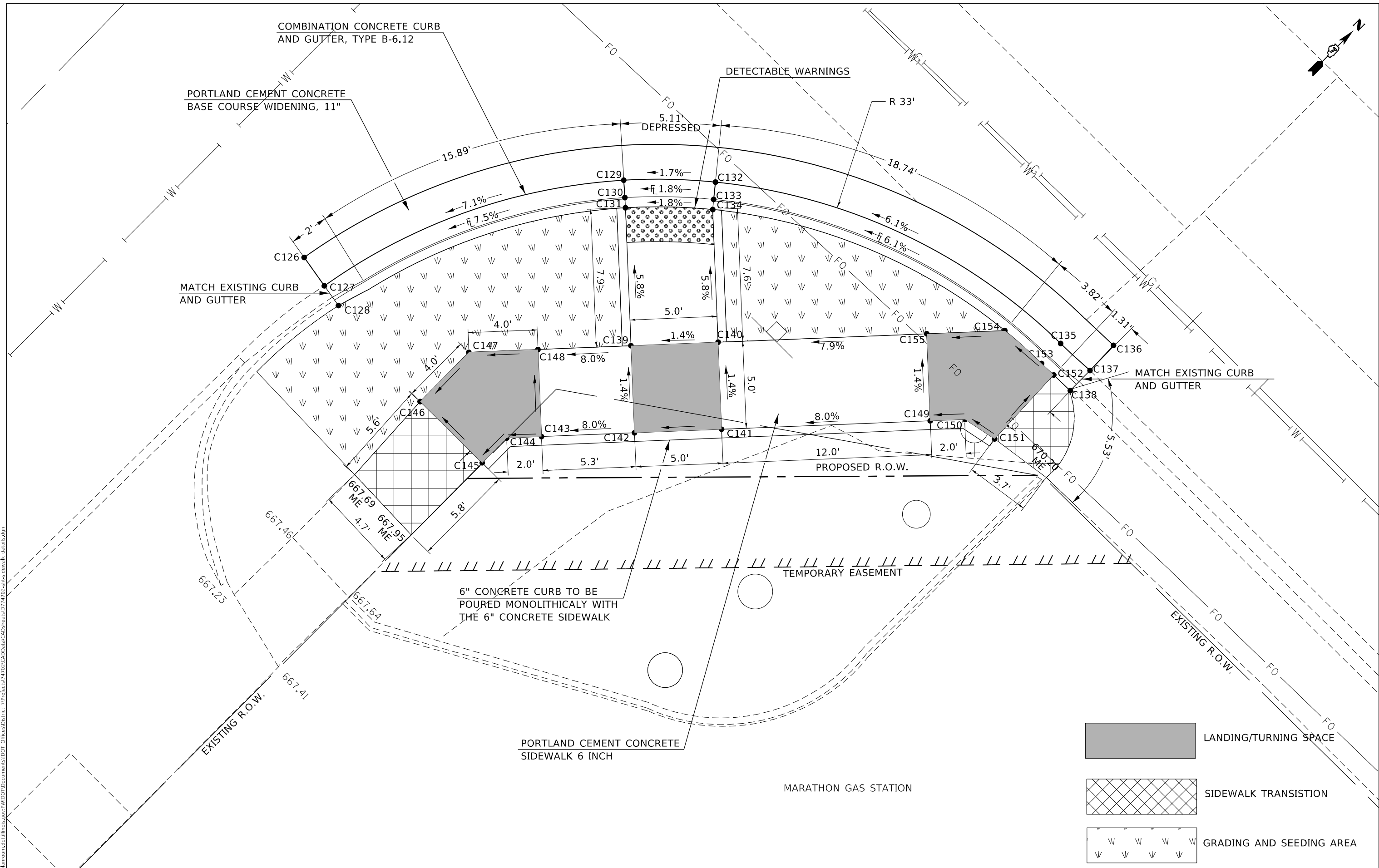
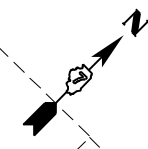
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PLOT DATE = 2/11/2021	DATE -	REVISED -



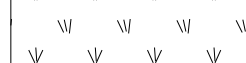
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. OAKLAND AVE.**  
**SW QUADRANT SIDEWALK DETAIL**

SCALE: 5 SHEET 15 OF 41 SHEETS STA. TO STA.

*FAP 323 & FAU 7404		F.A. COUNTY	TOTAL SHEETS	SHEET NO.
RTE.	SECTION	MACON	208	172
(13Z, 13Z-1)RS-3		CONTRACT NO. 74702		
ILLINOIS		FED. AID PROJECT		



	LANDING/TURNING SPACE
	SIDEWALK TRANSITION
	GRADING AND SEEDING AREA

USER NAME = stefenmk	DESIGNED -	REVISED -
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. OAKLAND AVE.  
SE QUADRANT SIDEWALK DETAIL**

*FAP 323 & FAU 7404		F.A. COUNTY	TOTAL SHEETS	SHEET NO.
F.A. RTE.	SECTION	MACON	208	173
= (13Z, 13Z-1)RS-3		CONTRACT NO. 74702		
SCALE: 5		ILLINOIS FED. AID PROJECT		

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 PLOT DATE: 2/11/2021

INTERSECTION C NW QUADRANT

Point#	North(Y)	East(X)	Elev(Z)
Pt C1,	N 1158309.962,	E 804647.203,	Z 668.080,
Pt C2,	N 1158311.958,	E 804647.075,	Z 668.050,
Pt C3,	N 1158313.488,	E 804646.978,	Z 668.440,
Pt C4,	N 1158312.077,	E 804648.938,	Z 668.100,
Pt C5,	N 1158312.196,	E 804650.026,	Z 668.130,
Pt C6,	N 1158313.203,	E 804650.007,	Z 668.100,
Pt C7,	N 1158313.791,	E 804649.996,	Z 668.140,
Pt C8,	N 1158315.273,	E 804649.967,	Z 668.160,
Pt C9,	N 1158312.659,	E 804652.320,	Z 668.170,
Pt C10,	N 1158315.344,	E 804654.966,	Z 668.230,
Pt C11,	N 1158314.809,	E 804655.199,	Z 668.190,
Pt C12,	N 1158313.892,	E 804655.597,	Z 668.220,
Pt C13,	N 1158327.840,	E 804671.574,	Z 669.660,
Pt C14,	N 1158328.359,	E 804670.719,	Z 669.650,
Pt C15,	N 1158328.661,	E 804670.220,	Z 669.690,
Pt C16,	N 1158333.661,	E 804670.237,	Z 669.780,
Pt C17,	N 1158333.644,	E 804672.700,	Z 669.790,
Pt C18,	N 1158333.640,	E 804673.325,	Z 669.750,
Pt C19,	N 1158333.632,	E 804674.393,	Z 669.780,
Pt C20,	N 1158334.152,	E 804674.585,	Z 669.830,
Pt C21,	N 1158349.759,	E 804678.449,	Z 671.330,
Pt C22,	N 1158349.742,	E 804676.447,	Z 671.290,
Pt C23,	N 1158349.724,	E 804674.820,	Z 671.740,
Pt C24,	N 1158328.771,	E 804654.707,	Z 669.170,
Pt C25,	N 1158328.674,	E 804649.708,	Z 669.100,
Pt C26,	N 1158332.188,	E 804646.151,	Z 669.170,
Pt C27,	N 1158337.284,	E 804651.185,	Z 669.270,
Pt C28,	N 1158333.771,	E 804654.742,	Z 669.220,
Pt C29,	N 1158323.704,	E 804644.799,	Z 668.750,
Pt C30,	N 1158320.850,	E 804641.979,	Z 668.710,
Pt C31,	N 1158320.744,	E 804637.969,	Z 668.690,
Pt C32,	N 1158325.742,	E 804637.837,	Z 668.760,
Pt C33,	N 1158325.795,	E 804639.836,	Z 668.790,
Pt C34,	N 1158327.218,	E 804641.242,	Z 668.820,
Pt C35,	N 1158345.617,	E 804666.444,	Z 670.530,
Pt C36,	N 1158348.515,	E 804669.307,	Z 670.560,
Pt C37,	N 1158352.589,	E 804669.278,	Z 670.590,
Pt C38,	N 1158352.554,	E 804664.278,	Z 670.660,
Pt C39,	N 1158350.554,	E 804664.292,	Z 670.630,
Pt C40,	N 1158349.131,	E 804662.887,	Z 670.600,

INTERSECTION C NE QUADRANT

Point#	North(Y)	East(X)	Elev(Z)
Pt C41,	N 1158338.561,	E 804713.738,	Z 670.890,
Pt C42,	N 1158339.042,	E 804715.679,	Z 670.930,
Pt C43,	N 1158339.436,	E 804717.271,	Z 671.340,
Pt C44,	N 1158333.322,	E 804717.633,	Z 670.620,
Pt C45,	N 1158333.318,	E 804718.731,	Z 670.590,
Pt C46,	N 1158333.316,	E 804719.375,	Z 670.630,
Pt C47,	N 1158333.306,	E 804722.284,	Z 670.640,
Pt C48,	N 1158328.306,	E 804722.267,	Z 670.550,
Pt C49,	N 1158327.972,	E 804721.789,	Z 670.510,
Pt C50,	N 1158327.399,	E 804720.970,	Z 670.520,
Pt C51,	N 1158317.581,	E 804731.419,	Z 670.060,
Pt C52,	N 1158318.434,	E 804731.940,	Z 670.030,
Pt C53,	N 1158318.932,	E 804732.243,	Z 670.070,
Pt C54,	N 1158319.056,	E 804737.242,	Z 670.030,
Pt C55,	N 1158316.403,	E 804737.307,	Z 669.980,
Pt C56,	N 1158315.770,	E 804737.323,	Z 669.940,
Pt C57,	N 1158314.689,	E 804737.350,	Z 669.950,
Pt C58,	N 1158310.457,	E 804749.367,	Z 670.310,
Pt C59,	N 1158312.456,	E 804749.382,	Z 670.320,
Pt C60,	N 1158313.946,	E 804749.394,	Z 670.750,
Pt C61,	N 1158328.272,	E 804732.013,	Z 670.710,
Pt C62,	N 1158333.273,	E 804731.889,	Z 670.780,
Pt C63,	N 1158337.009,	E 804735.212,	Z 670.800,
Pt C64,	N 1158331.926,	E 804740.410,	Z 670.710,
Pt C65,	N 1158328.255,	E 804737.015,	Z 670.680,
Pt C66,	N 1158342.030,	E 804722.044,	Z 671.500,
Pt C67,	N 1158344.888,	E 804718.831,	Z 671.530,
Pt C68,	N 1158349.187,	E 804718.910,	Z 671.560,
Pt C69,	N 1158349.095,	E 804723.909,	Z 671.580,
Pt C70,	N 1158347.095,	E 804723.873,	Z 671.550,
Pt C71,	N 1158345.766,	E 804725.367,	Z 671.520,
Pt C72,	N 1158316.584,	E 804749.631,	Z 670.800,
Pt C73,	N 1158313.895,	E 804752.538,	Z 670.810,
Pt C74,	N 1158313.898,	E 804756.498,	Z 670.880,
Pt C75,	N 1158318.898,	E 804756.495,	Z 670.930,
Pt C76,	N 1158318.897,	E 804754.495,	Z 670.900,
Pt C77,	N 1158320.255,	E 804753.027,	Z 670.870,
Pt C78,	N 1158318.587,	E 804762.766,	Z 671.830,
Pt C79,	N 1158319.565,	E 804756.547,	Z 671.830,
Pt C80,	N 1158319.564,	E 804754.756,	Z 671.850,
Pt C81,	N 1158332.409,	E 804740.869,	Z 672.240,
Pt C82,	N 1158337.496,	E 804735.667,	Z 672.420,
Pt C83,	N 1158347.389,	E 804724.545,	Z 672.590,
Pt C84,	N 1158349.031,	E 804724.574,	Z 672.770,
Pt C85,	N 1158359.439,	E 804724.583,	Z 673.460,

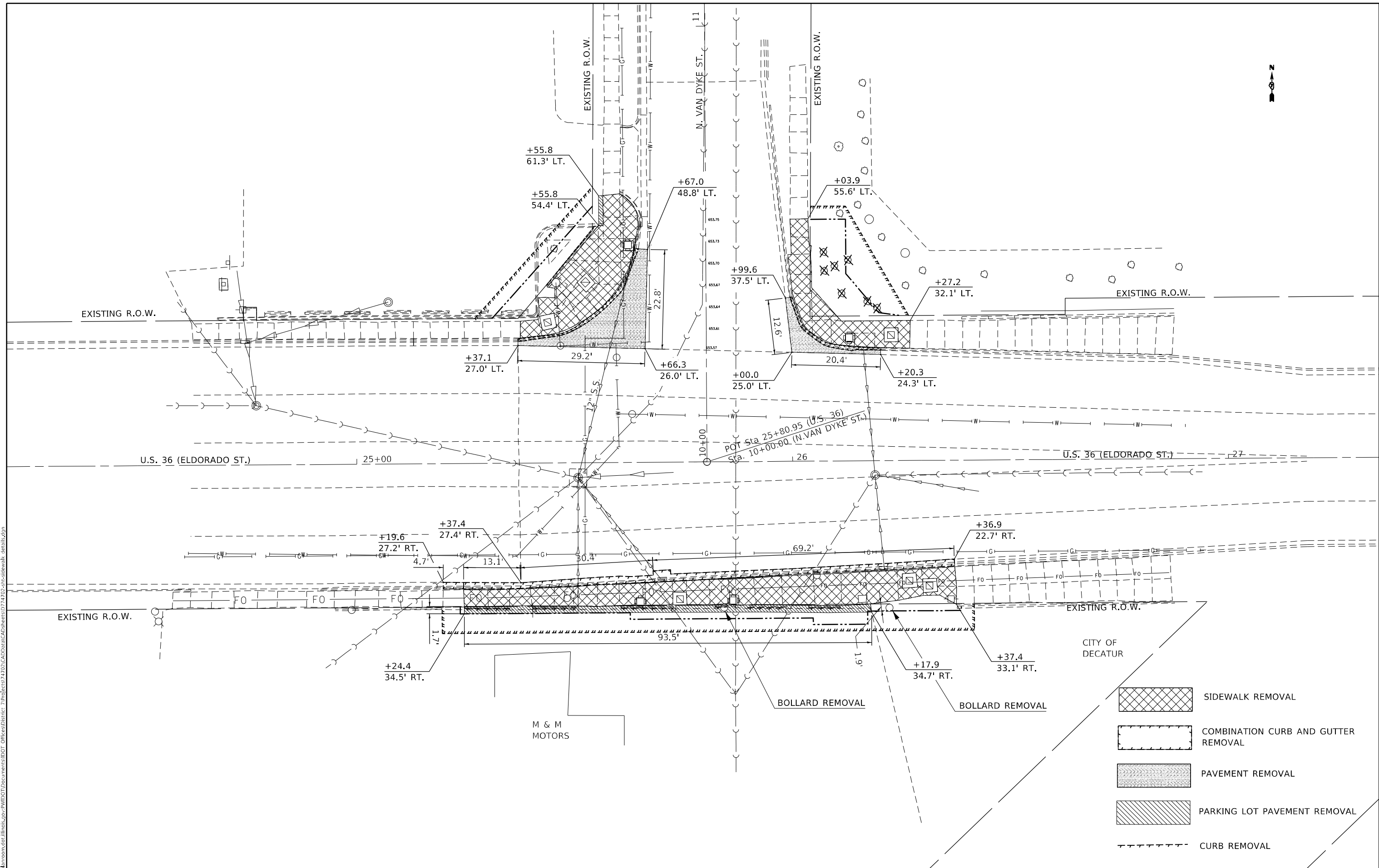
INTERSECTION C SW QUADRANT

Point#	North(Y)	East(X)	Elev(Z)
Pt C86,	N 1158258.286,	E 804626.199,	Z 667.500,
Pt C87,	N 1158256.286,	E 804626.227,	Z 667.470,
Pt C88,	N 1158254.845,	E 804626.248,	Z 667.820,
Pt C89,	N 1158256.577,	E 804646.696,	Z 667.960,
Pt C90,	N 1158255.173,	E 804654.033,	Z 668.010,
Pt C91,	N 1158254.124,	E 804654.016,	Z 667.980,
Pt C92,	N 1158253.516,	E 804654.006,	Z 668.020,
Pt C93,	N 1158251.390,	E 804653.970,	Z 668.040,
Pt C94,	N 1158251.307,	E 804658.970,	Z 668.080,
Pt C95,	N 1158251.816,	E 804659.255,	Z 668.040,
Pt C96,	N 1158252.695,	E 804659.733,	Z 668.070,
Pt C97,	N 1158248.876,	E 804665.113,	Z 668.040,
Pt C98,	N 1158248.127,	E 804664.451,	Z 668.010,
Pt C99,	N 1158247.690,	E 804664.064,	Z 668.050,
Pt C100,	N 1158242.692,	E 804664.225,	Z 668.010,
Pt C101,	N 1158242.828,	E 804668.461,	Z 667.970,
Pt C102,	N 1158242.851,	E 804669.160,	Z 667.930,
Pt C103,	N 1158242.889,	E 804670.342,	Z 667.960,
Pt C104,	N 1158238.330,	E 804675.048,	Z 667.620,
Pt C105,	N 1158237.562,	E 804673.202,	Z 667.550,
Pt C106,	N 1158236.973,	E 804671.758,	Z 667.940,
Pt C107,	N 1158247.524,	E 804658.907,	Z 668.110,
Pt C108,	N 1158242.526,	E 804659.068,	Z 668.070,
Pt C109,	N 1158235.109,	E 804651.766,	Z 668.170,
Pt C110,	N 1158240.190,	E 804646.606,	Z 668.170,
Pt C111,	N 1158247.606,	E 804653.908,	Z 668.070,
Pt C112,	N 1158248.449,	E 804638.217,	Z 668.340,
Pt C113,	N 1158249.852,	E 804636.791,	Z 668.310,
Pt C114,	N 1158249.824,	E 804634.791,	Z 668.280,
Pt C115,	N 1158254.823,	E 804634.720,	Z 668.210,
Pt C116,	N 1158254.881,	E 804638.810,	Z 668.270,
Pt C117,	N 1158252.012,	E 804641.724,	Z 668.330,
Pt C118,	N 1158224.743,	E 804662.296,	Z 667.630,
Pt C119,	N 1158223.340,	E 804663.721,	Z 667.600,
Pt C120,	N 1158221.341,	E 804663.770,	Z 667.570,
Pt C121,	N 1158221.472,	E 804668.769,	Z 667.500,
Pt C122,	N 1158225.485,	E 804668.670,	Z 667.530,
Pt C123,	N 1158228.306,	E 804665.804,	Z 667.560,
Pt C124,	N 1158223.521,	E 804661.400,	Z 667.370,
Pt C125,	N 1158248.222,	E 804636.309,	Z 667.290,

INTERSECTION C SE QUADRANT

Point#	North(Y)	East(X)	Elev(Z)
Pt C126,	N 1158230.245,	E 804717.109,	Z 667.740,
Pt C127,	N 1158246.838,	E 804723.502,	Z 668.590,
Pt C128,	N 1158246.175,	E 804724.250,	Z 668.560,
Pt C129,	N 1158245.787,	E 804724.686,	Z 668.600,
Pt C130,	N 1158249.257,	E 804728.299,	Z 668.690,
Pt C131,	N 1158249.709,	E 804727.930,	Z 668.650,
Pt C132,	N 1158250.483,	E 804727.297,	Z 668.680,
Pt C133,	N 1158257.933,	E 804747.852,	Z 669.890,
Pt C134,	N 1158260.006,	E 804750.070,	Z 670.120,
Pt C135,	N 1158258.007,	E 804750.140,	Z 670.050,
Pt C136,	N 1158256.423,	E 804750.151,	Z 670.080,
Pt C137,	N 1158240.415,	E 804730.514,	Z 669.060,
Pt C138,	N 1158244.091,	E 804733.903,	Z 669.130,
Pt C139,	N 1158240.702,	E 804737.579,	Z 669.200,
Pt C140,	N 1158237.026,	E 804734.190,	Z 669.130,
Pt C141,	N 1158233.100,	E 804730.570,	Z 668.700,
Pt C142,	N 1158231.630,	E 804729.215,	Z 668.670,
Pt C143,	N 1158229.630,	E 804729.227,	Z 668.640,
Pt C144,	N 1158229.598,	E 804724.227,	Z 668.570,
Pt C145,	N 1158233.569,	E 804724.202,	Z 668.600,
Pt C146,	N 1158236.489,	E 804726.894,	Z 668.630,
Pt C147,	N 1158249.511,	E 804745.700,	Z 670.160,
Pt C148,	N 1158250.981,	E 804747.055,	Z 670.190,
Pt C149,	N 1158251.385,	E 804749.040,	Z 670.220,
Pt C150,	N 1158256.381,	E 804748.838,	Z 670.190,
Pt C151,	N 1158256.196,	E 804745.062,	Z 670.150,
Pt C152,	N 1158252.900,	E 804742.023,	Z 670.080,

	USER NAME = stefenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>COORDINATE TABLE INTERSECTION C</b>		*FAP 323 & FAU 7404		
	PLOT SCALE = 20,0000 * / in.	DRAWN -	REVISED -		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT DATE = 2/11/2021	CHECKED -	REVISED -			(13Z, 13Z-1)RS-3	MACON	208	174
		DATE -	REVISED -		SCALE: NA	SHEET 17	OF 41 SHEETS	STA.	TO STA.
ILLINOIS FED. AID PROJECT CONTRACT NO. 74702									



USER NAME = stefenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**REMOVAL DETAIL INTERSECTION E**  
**U.S. 36 (ELDORADO ST.) & N. VAN DYKE ST.**

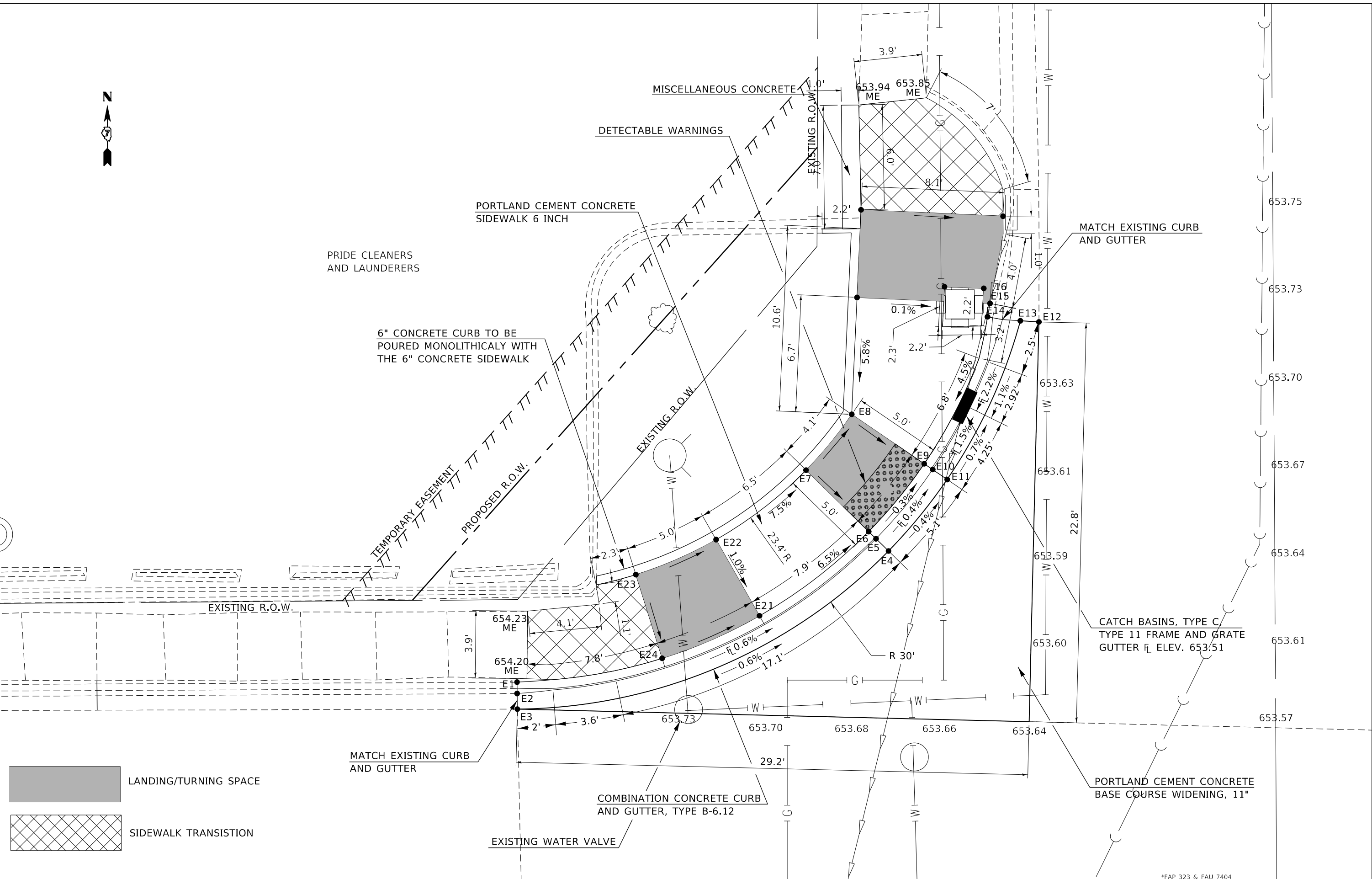
SCALE: 10      SHEET 18 OF 41 SHEETS      STA.      TO STA.

*FAP 323 & FAU 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	175
			CONTRACT NO. 74702	
		ILLINOIS	FED. AID PROJECT	





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**LANDING/TURNING SPACE**

**SIDEWALK TRANSITION**

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 5,000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

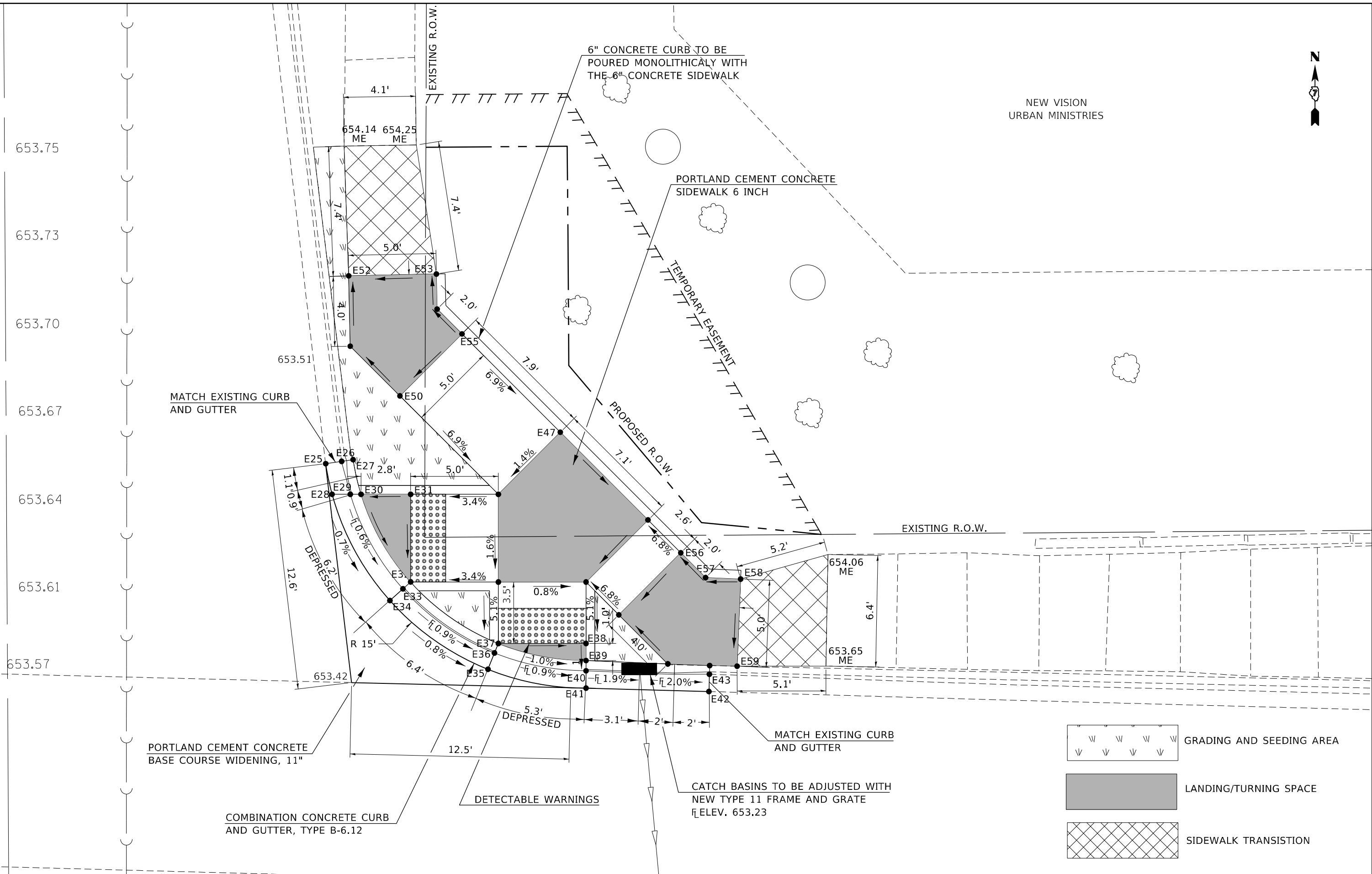
**INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. VAN DYKE ST.**  
**NW QUADRANT SIDEWALK DETAIL**

SCALE: 5 SHEET 19 OF 41 SHEETS STA. TO STA.

*FAP 323 & FAU 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			(13Z, 13Z-1)RS-3	MACON	208	176
				CONTRACT NO. 74702		
		ILLINOIS FED. AID PROJECT				



NEW VISION  
URBAN MINISTRIES



- GRADING AND SEEDING AREA
- LANDING/TURNING SPACE
- SIDEWALK TRANSITION

USER NAME = stefenmk	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = 5,000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. VAN DYKE ST.  
NE QUADRANT SIDEWALK DETAIL**

SCALE: 5 SHEET 20 OF 41 SHEETS STA. TO STA.

*FAP 323 & FAU 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	177
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

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25+00

25+50

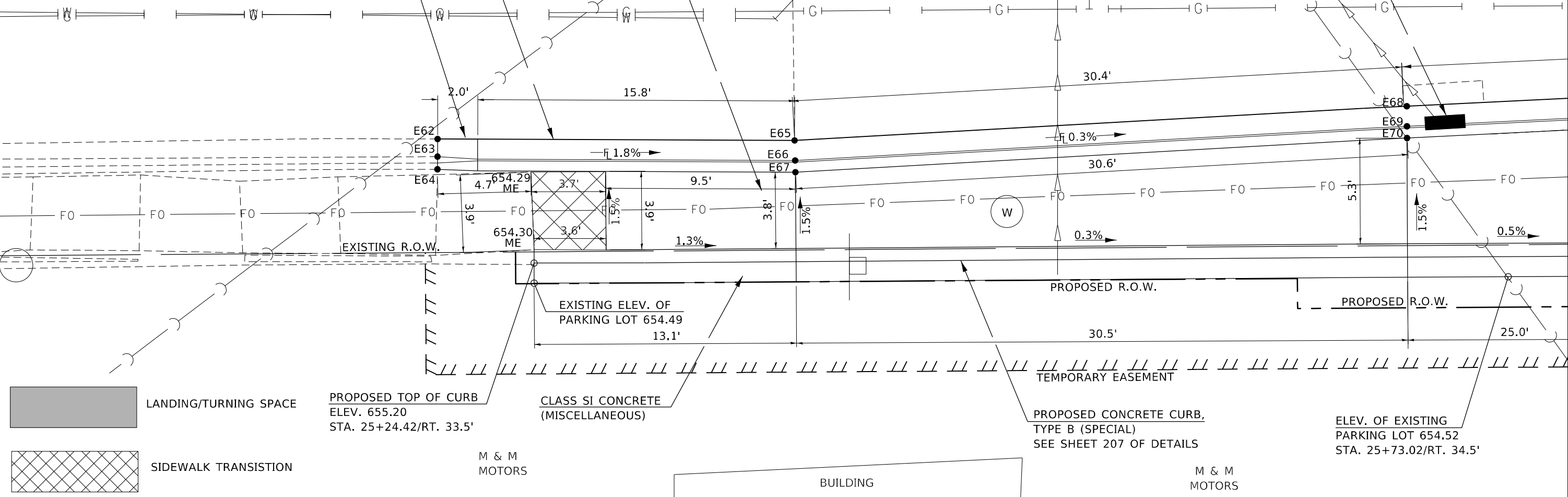
PORTLAND CEMENT CONCRETE  
SIDEWALK 6 INCH

COMBINATION CONCRETE CURB  
AND GUTTER, TYPE B-6.12  
(ABUTTING EXISTING PAVEMENT)

MATCH EXISTING CURB  
AND GUTTER

CATCH BASINS TO BE ADJUSTED WITH  
NEW TYPE 11 FRAME AND GRATE  
ELEV. 653.41

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LANDING/TURNING SPACE



SIDEWALK TRANSITION

PROPOSED TOP OF CURB  
ELEV. 655.20  
STA. 25+24.42/RT. 33.5'

CLASS SI CONCRETE  
(MISCELLANEOUS)

M & M  
MOTORS

BUILDING

PROPOSED CONCRETE CURB,  
TYPE B (SPECIAL)  
SEE SHEET 207 OF DETAILS

M & M  
MOTORS

ELEV. OF EXISTING  
PARKING LOT 654.52  
STA. 25+73.02/RT. 34.5'

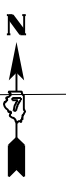
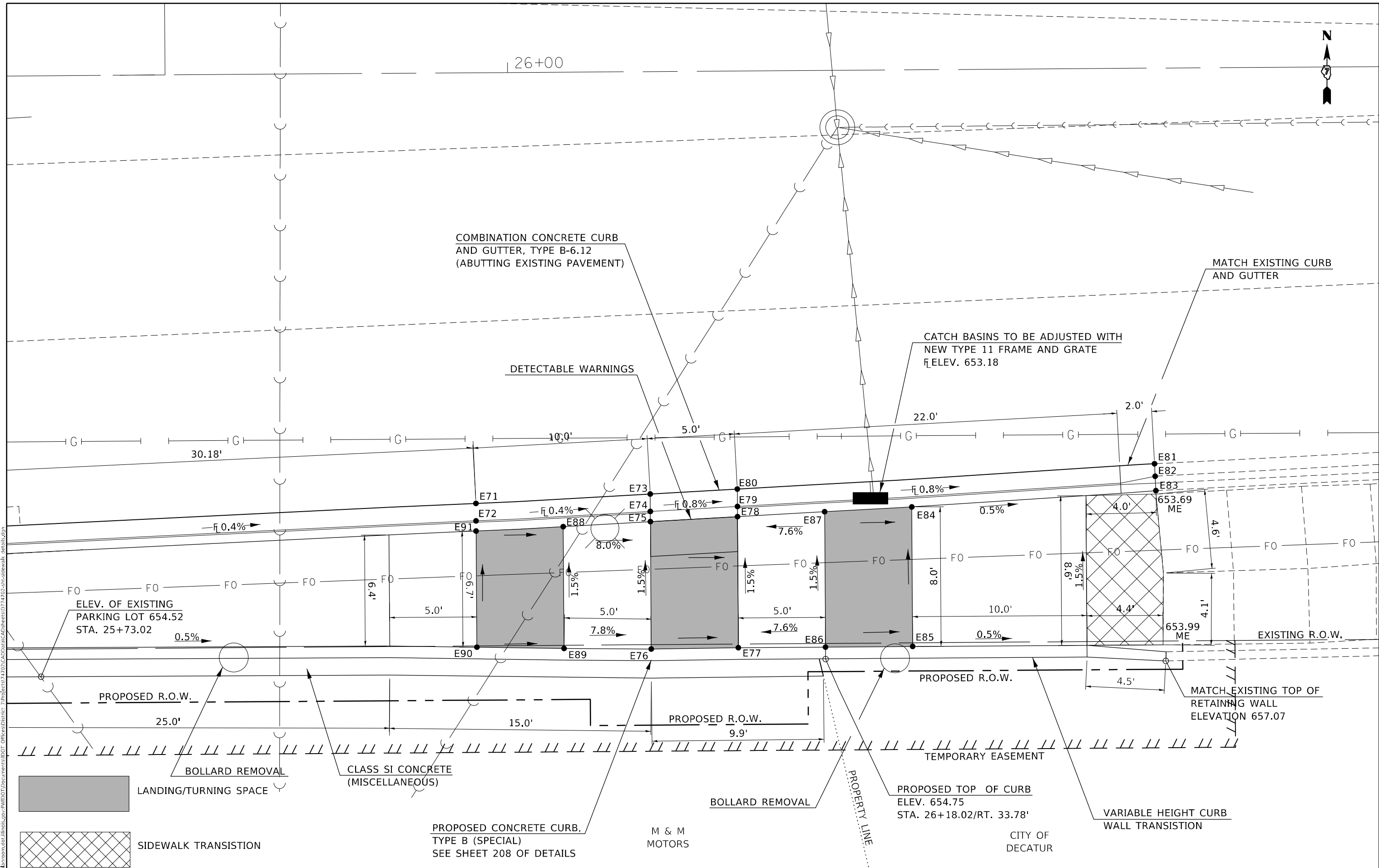
USER NAME = stefenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 5,000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. VAN DYKE ST.  
SOUTH SIDEWALK DETAIL

SCALE: 5 SHEET 21 OF 41 SHEETS STA. TO STA.

*FAP 323 & FAU 7404			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
	(13Z, 13Z-1)RS-3	MACON	208
			SHEET NO. 178
CONTRACT NO. 74702			
ILLINOIS FED. AID PROJECT			



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- LANDING/TURNING SPACE
- SIDEWALK TRANSITION

USER NAME = stefnkmk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 5,0000' / in.	CHECKED -	REVISED -	
PLOT DATE = 2/11/2021	DATE -	REVISED -	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. VAN DYKE ST.**  
**SOUTH SIDEWALK DETAIL CONT'D**

SCALE: 5 SHEET 22 OF 41 SHEETS STA. TO STA.

*FAP 323 & FAU 7404			TOTAL SHEETS	SHEET NO.
F.A. RTE.	SECTION	COUNTY	208	179
*	(13Z, 13Z-1)RS-3	MACON	CONTRACT NO. 74702	
		CITY OF DECATUR	ILLINOIS FED. AID PROJECT	

INTERSECTION E NW QUADRANT

Point#	North(Y)	East(X)	Elev(Z)
Pt E1,	N 1158320.315,	E 805936.715,	Z 653.750,
Pt E2,	N 1158321.202,	E 805936.707,	Z 653.720,
Pt E3,	N 1158321.856,	E 805936.701,	Z 654.290,
Pt E4,	N 1158329.325,	E 805957.881,	Z 653.620,
Pt E5,	N 1158330.025,	E 805957.167,	Z 653.590,
Pt E6,	N 1158330.433,	E 805956.750,	Z 653.630,
Pt E7,	N 1158333.931,	E 805953.177,	Z 653.700,
Pt E8,	N 1158337.113,	E 805955.787,	Z 653.680,
Pt E9,	N 1158334.294,	E 805959.917,	Z 653.610,
Pt E10,	N 1158333.965,	E 805960.398,	Z 653.570,
Pt E11,	N 1158333.402,	E 805961.224,	Z 653.600,
Pt E12,	N 1158342.377,	E 805966.457,	Z 653.640,
Pt E13,	N 1158342.446,	E 805965.396,	Z 653.630,
Pt E14,	N 1158342.671,	E 805963.527,	Z 654.060,
Pt E15,	N 1158343.433,	E 805963.670,	Z 654.060,
Pt E16,	N 1158344.291,	E 805963.309,	Z 654.060,
Pt E17,	N 1158344.380,	E 805961.077,	Z 654.060,
Pt E18,	N 1158343.776,	E 805956.088,	Z 654.070,
Pt E19,	N 1158348.771,	E 805956.315,	Z 654.070,
Pt E20,	N 1158348.404,	E 805964.411,	Z 654.060,
Pt E21,	N 1158325.630,	E 805950.525,	Z 654.140,
Pt E22,	N 1158329.973,	E 805948.048,	Z 654.190,
Pt E23,	N 1158327.977,	E 805943.474,	Z 654.210,
Pt E24,	N 1158323.207,	E 805944.975,	Z 654.160,

INTERSECTION E NE QUADRANT

Point#	North(Y)	East(X)	Elev(Z)
Pt E25,	N 1158331.239,	E 805998.095,	Z 653.480,
Pt E26,	N 1158331.386,	E 805999.084,	Z 653.470,
Pt E27,	N 1158331.472,	E 805999.661,	Z 653.930,
Pt E28,	N 1158329.495,	E 805998.462,	Z 653.470,
Pt E29,	N 1158329.495,	E 805999.501,	Z 653.440,
Pt E30,	N 1158329.495,	E 806000.110,	Z 653.480,
Pt E31,	N 1158329.495,	E 806002.938,	Z 653.520,
Pt E32,	N 1158324.495,	E 806002.938,	Z 653.440,
Pt E33,	N 1158324.106,	E 806002.503,	Z 653.400,
Pt E34,	N 1158323.439,	E 806001.758,	Z 653.420,
Pt E35,	N 1158319.524,	E 806007.348,	Z 653.370,
Pt E36,	N 1158320.453,	E 806007.720,	Z 653.340,
Pt E37,	N 1158320.994,	E 806007.938,	Z 653.380,
Pt E38,	N 1158320.994,	E 806012.938,	Z 653.340,
Pt E39,	N 1158320.020,	E 806012.938,	Z 653.330,
Pt E40,	N 1158319.437,	E 806012.938,	Z 653.290,
Pt E41,	N 1158318.448,	E 806012.938,	Z 653.320,
Pt E42,	N 1158318.258,	E 806019.945,	Z 653.260,
Pt E43,	N 1158319.241,	E 806019.973,	Z 653.200,
Pt E44,	N 1158319.734,	E 806019.987,	Z 653.760,
Pt E45,	N 1158324.495,	E 806007.938,	Z 653.560,
Pt E46,	N 1158329.495,	E 806007.938,	Z 653.640,
Pt E47,	N 1158333.031,	E 806011.473,	Z 653.710,
Pt E48,	N 1158328.031,	E 806016.473,	Z 653.590,
Pt E49,	N 1158324.495,	E 806012.938,	Z 653.520,
Pt E50,	N 1158335.102,	E 806002.330,	Z 654.190,
Pt E51,	N 1158337.936,	E 805999.496,	Z 654.160,
Pt E52,	N 1158341.943,	E 805999.409,	Z 654.130,
Pt E53,	N 1158342.052,	E 806004.408,	Z 654.200,
Pt E54,	N 1158340.052,	E 806004.452,	Z 654.230,
Pt E55,	N 1158338.638,	E 806005.866,	Z 654.260,
Pt E56,	N 1158326.162,	E 806018.342,	Z 653.770,
Pt E57,	N 1158324.747,	E 806019.756,	Z 653.800,
Pt E58,	N 1158324.666,	E 806021.755,	Z 653.830,
Pt E59,	N 1158319.699,	E 806021.553,	Z 653.760,
Pt E60,	N 1158319.831,	E 806017.602,	Z 653.760,
Pt E61,	N 1158322.626,	E 806014.807,	Z 653.700,

INTERSECTION E SOUTH SIDE

Point#	North(Y)	East(X)	Elev(Z)
Pt E62,	N 1158265.943,	E 805919.593,	Z 653.820,
Pt E63,	N 1158265.062,	E 805919.589,	Z 653.800,
Pt E64,	N 1158264.431,	E 805919.587,	Z 654.350,
Pt E65,	N 1158265.874,	E 805937.407,	Z 653.580,
Pt E66,	N 1158264.874,	E 805937.433,	Z 653.520,
Pt E67,	N 1158264.291,	E 805937.448,	Z 654.020,
Pt E68,	N 1158267.578,	E 805967.950,	Z 653.500,
Pt E69,	N 1158266.577,	E 805967.957,	Z 653.440,
Pt E70,	N 1158265.993,	E 805967.961,	Z 653.940,
Pt E71,	N 1158269.024,	E 805997.941,	Z 653.380,
Pt E72,	N 1158268.024,	E 805997.948,	Z 653.320,
Pt E73,	N 1158269.565,	E 806007.937,	Z 653.310,
Pt E74,	N 1158268.564,	E 806007.944,	Z 653.280,
Pt E75,	N 1158267.980,	E 806007.948,	Z 653.320,
Pt E76,	N 1158260.672,	E 806007.998,	Z 653.430,
Pt E77,	N 1158260.750,	E 806012.998,	Z 653.390,
Pt E78,	N 1158268.267,	E 806012.946,	Z 653.280,
Pt E79,	N 1158268.851,	E 806012.942,	Z 653.240,
Pt E80,	N 1158269.852,	E 806012.935,	Z 653.270,
Pt E81,	N 1158271.303,	E 806036.868,	Z 653.080,
Pt E82,	N 1158270.587,	E 806036.904,	Z 653.060,
Pt E83,	N 1158269.761,	E 806036.946,	Z 653.770,
Pt E84,	N 1158268.822,	E 806022.943,	Z 653.600,
Pt E85,	N 1158260.818,	E 806022.997,	Z 653.720,
Pt E86,	N 1158260.782,	E 806017.998,	Z 653.780,
Pt E87,	N 1158268.550,	E 806017.944,	Z 653.660,
Pt E88,	N 1158267.693,	E 806002.950,	Z 653.720,
Pt E89,	N 1158260.708,	E 806002.998,	Z 653.820,
Pt E90,	N 1158260.776,	E 805997.997,	Z 653.900,
Pt E91,	N 1158267.440,	E 805997.952,	Z 653.800,

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	DRAWN -	REVISED -
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PLOT DATE = 2/11/2021	DATE -	REVISED -

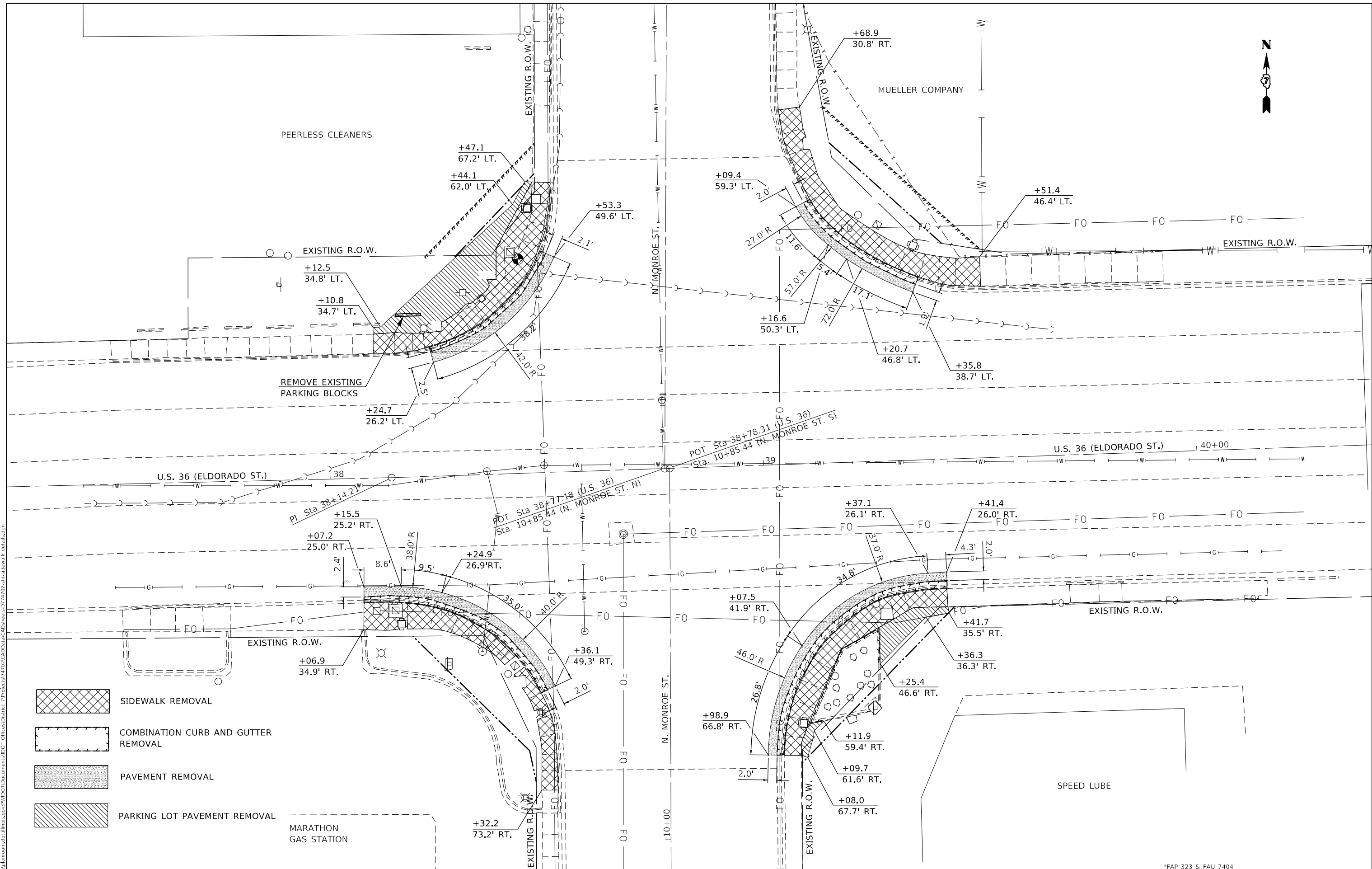
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COORDINATE TABLE  
INTERSECTION E**

SCALE: 5 SHEET 23 OF 41 SHEETS STA. TO STA.

\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	180
CONTRACT NO. 74702				
		ILLINOIS	FED. AID PROJECT	



- SIDEWALK REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- PAVEMENT REMOVAL
- PARKING LOT PAVEMENT REMOVAL

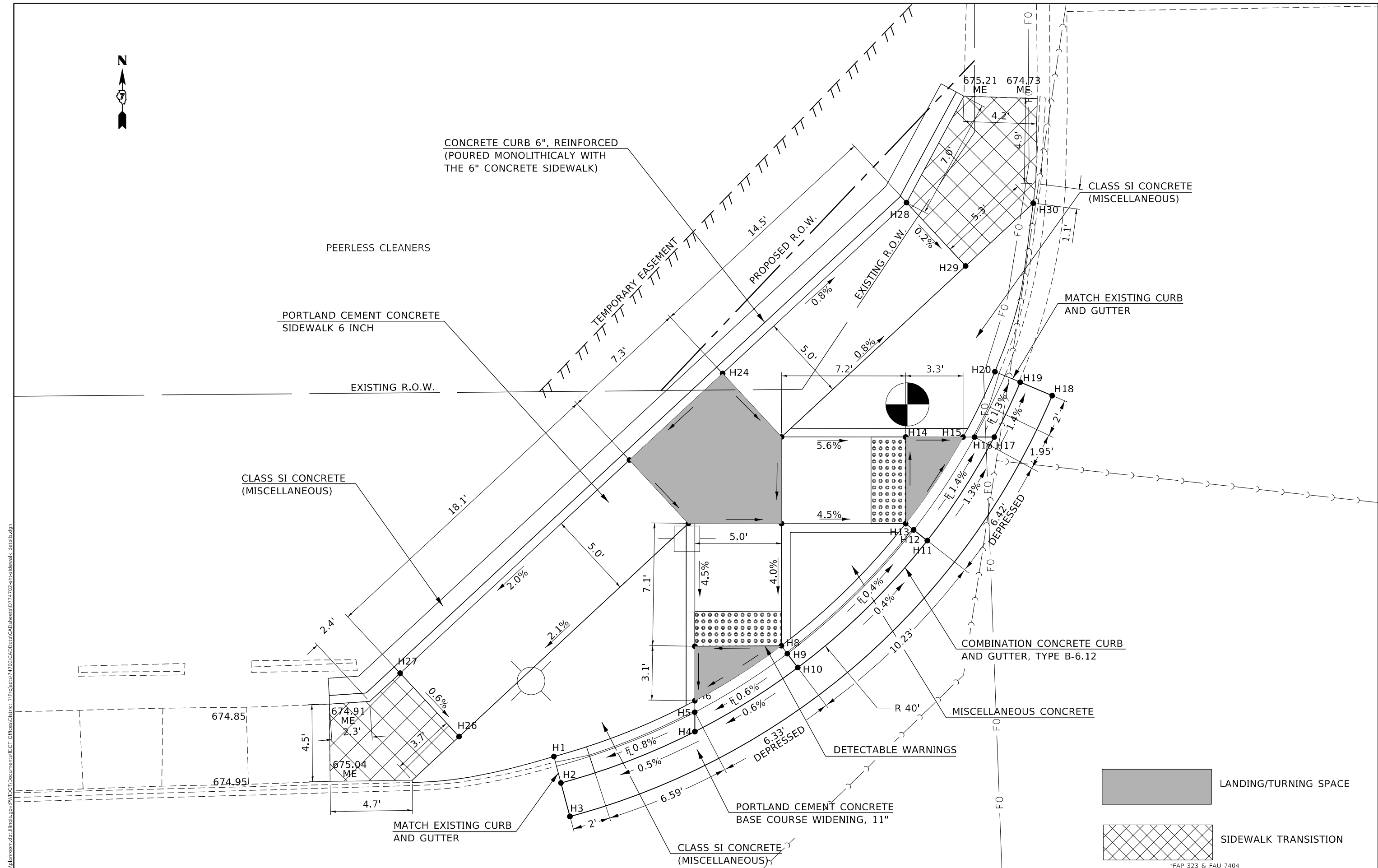
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL DETAIL INTERSECTION H U.S. 36 (ELDORADO ST.) &amp; N. MONROE ST.</b>			
SCALE: 10	SHEET 24	OF 41 SHEETS	STA. TO STA.

*FAP 323 & FAU 7404			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
-	(13Z, 13Z-1)RS-3	MACON	208
			SHEET NO. 181
CONTRACT NO. 74702			
ILLINOIS FED. AID PROJECT			

MODEL: Default  
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 PROJECT: 74702\_CADD\Drawings\DOT\_Offices\Drawings\74702-shc\sidewalk\_details.dwg



MODEL: Default  
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 PROJECT: 74702\_CADD\Drawings\DOT\_Offices\Drawings\74702\_SideWalk\Detail.dwg

USER NAME = stefnkmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 5,000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

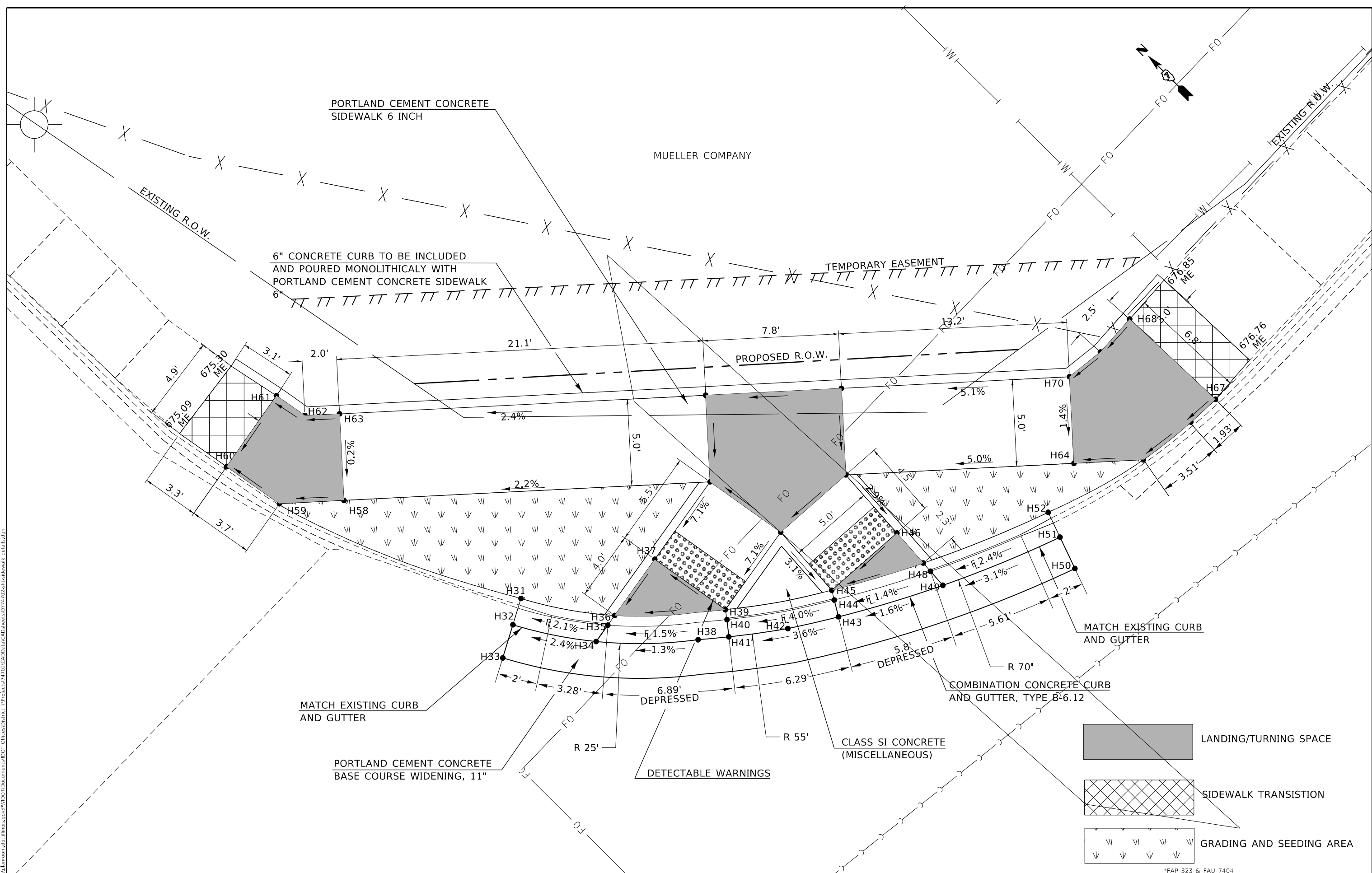
**INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. MONROE ST.**  
**NW QUADRANT SIDEWALK DETAIL**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	182
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

SCALE: 5 SHEET 25 OF 41 SHEETS STA. TO STA.

\*FAP 323 & FAU 7404

MODEL: Default  
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USER NAME = stefenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 5,000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

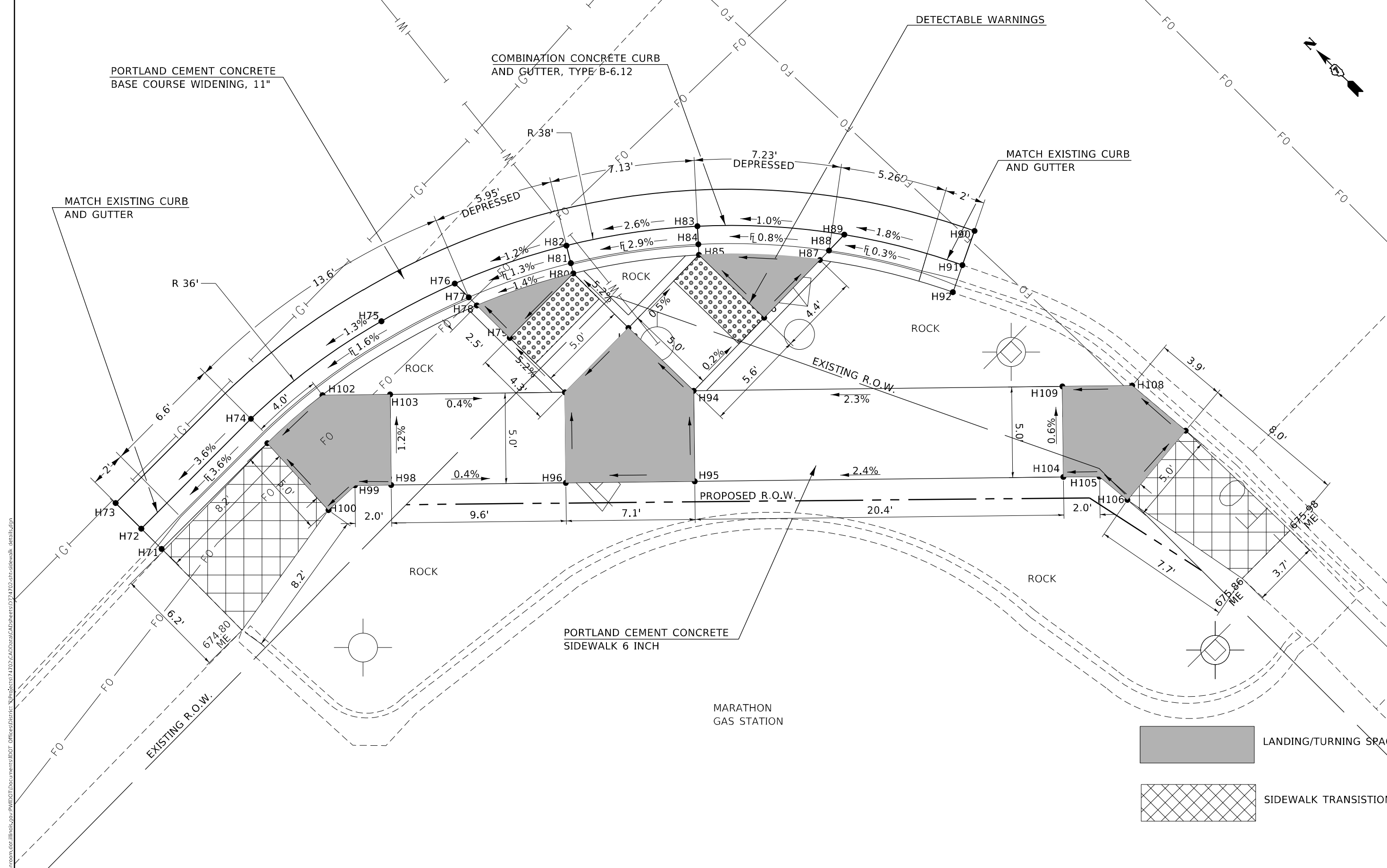
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. MONROE ST.**  
**NE QUADRANT SIDEWALK DETAIL**

*FAP 323 & FAU 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		"	(132, 132-1)RS-3	MACON	208	183
				CONTRACT NO. 74702		
				ILLINOIS FED. AID PROJECT		

SCALE: 5 SHEET 26 OF 41 SHEETS STA. TO STA.





MODEL: Default  
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DRAWN -	REVISIONS -	
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PLOT DATE = 2/11/2021	DATE -	REVISIONS -

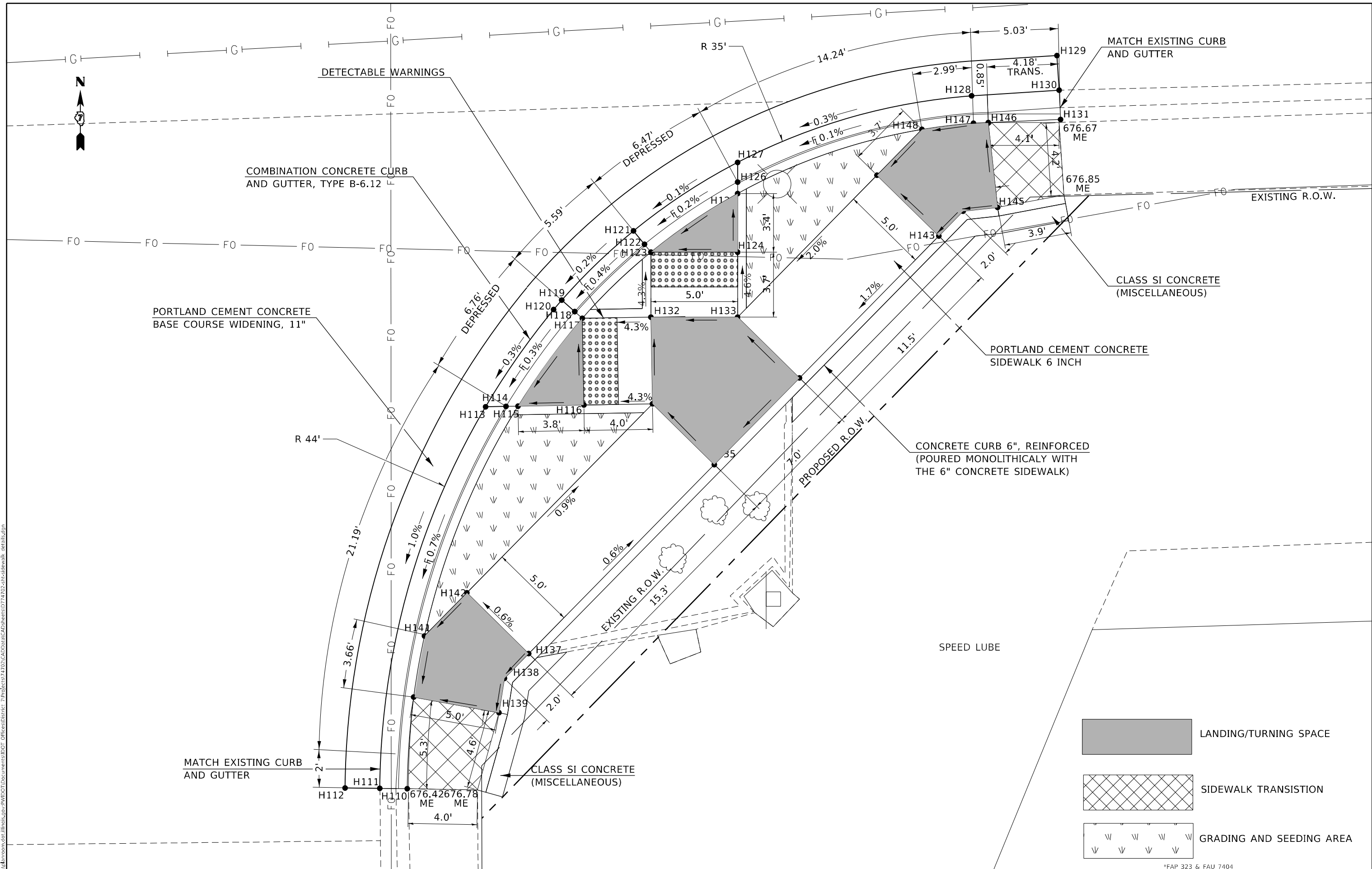
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**


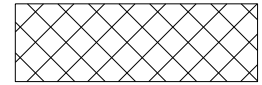
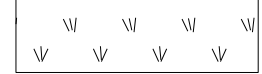
**INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. MONROE ST.**  
**SW QUADRANT SIDEWALK DETAIL**

*FAP 323 & FAU 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(13Z, 13Z-1)RS-3	MACON	208	184
			CONTRACT NO. 74702	
		ILLINOIS	FED. AID PROJECT	

SCALE: 5    SHEET 27 OF 41 SHEETS    STA.    TO STA.

MODEL: Default  
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 PROJECT: 74703\_CADDData\CAD\Drawings\DOT - Offices\Drawings\74703-shs-sidewalk\_details.dwg



	LANDING/TURNING SPACE
	SIDEWALK TRANSITION
	GRADING AND SEEDING AREA

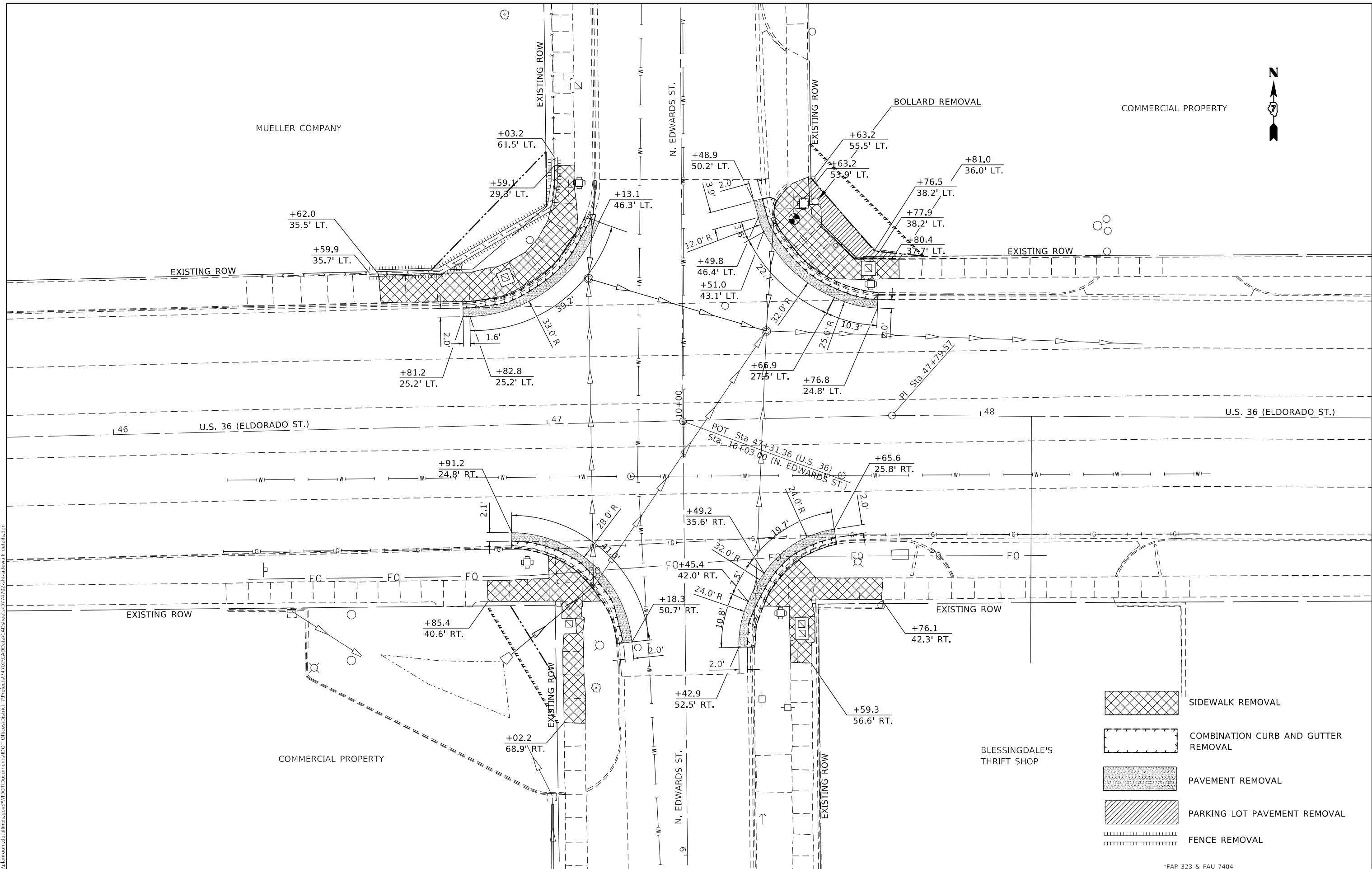
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	DRAWN -	REVISED -
PLOT SCALE = 5,000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. MONROE ST.**  
**SE QUADRANT SIDEWALK DETAIL**

*FAP 323 & FAU 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			(13Z, 13Z-1)RS-3	MACON	208	185
				CONTRACT NO. 74702		
SCALE: 5		SHEET 28	OF 41 SHEETS	STA.	TO STA.	
ILLINOIS FED. AID PROJECT						





- SIDEWALK REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- PAVEMENT REMOVAL
- PARKING LOT PAVEMENT REMOVAL
- FENCE REMOVAL

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USER NAME = steffnmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**REMOVAL DETAIL INTERSECTION J**  
**U.S. 36 (ELDORADO ST.) & N. EDWARDS ST.**

SCALE: 10      SHEET 30 OF 41 SHEETS      STA.      TO STA.

*FAP 323 & FAU 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			(13Z, 13Z-1)RS-3	MACON	208	187
				CONTRACT NO. 74702		
		ILLINOIS		FED. AID PROJECT		



MUELLER COMPANY

PORTLAND CEMENT CONCRETE  
SIDEWALK 6 INCH

6" CONCRETE CURB TO BE INCLUDED  
AND POURED MONOLITHICALLY WITH  
PORTLAND CEMENT CONCRETE SIDEWALK,  
6"

MATCH EXISTING CURB  
AND GUTTER

REMOVE AND RE-INSTALL FENCE

TEMPORARY EASEMENT

PROPOSED R.O.W.

EXISTING R.O.W.

COMBINATION CONCRETE CURB  
AND GUTTER, TYPE B-6.12

MISCELLANEOUS CONCRETE

MISCELLANEOUS CONCRETE

MATCH EXISTING CURB  
AND GUTTER

PORTLAND CEMENT CONCRETE  
BASE COURSE WIDENING, 11"

DETECTABLE WARNINGS

LANDING/TURNING SPACE

SIDEWALK TRANSITION

GRADING AND SEEDING AREA

MODEL: Default  
 FILE NAME: p:\pub\baronon.dwg  
 PROJECT: 74702\_CADD\Drawings\DOT\_Offices\Drawings\74702-SideWalk\details.dwg

USER NAME = stefnkmk	DESIGNED -	REVISD -
PLOT SCALE = 5,0000' / in.	DRAWN -	REVISD -
PLOT DATE = 2/11/2021	CHECKED -	REVISD -
	DATE -	REVISD -

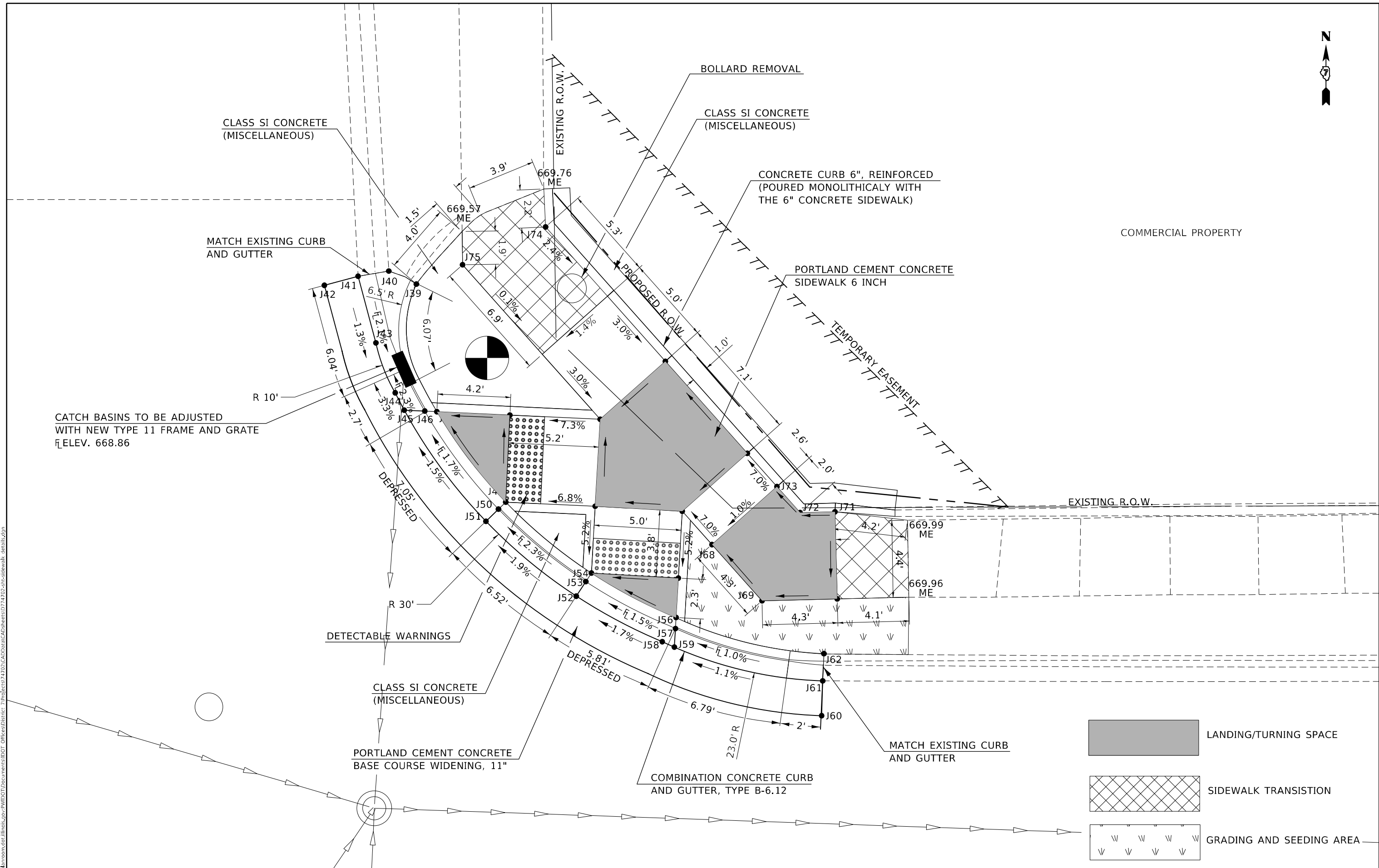
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. EDWARDS ST.  
NW QUADRANT SIDEWALK DETAIL**

SCALE: 5 SHEET 31 OF 41 SHEETS STA. TO STA.

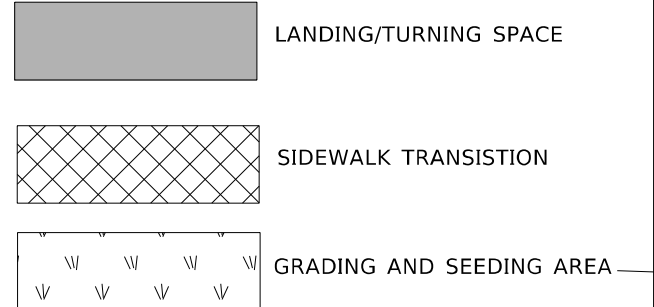
\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(13Z, 13Z-1)RS-3	MACON	208	188
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



COMMERCIAL PROPERTY

CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE  
ELEV. 668.86



USER NAME = steffnmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 5,000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

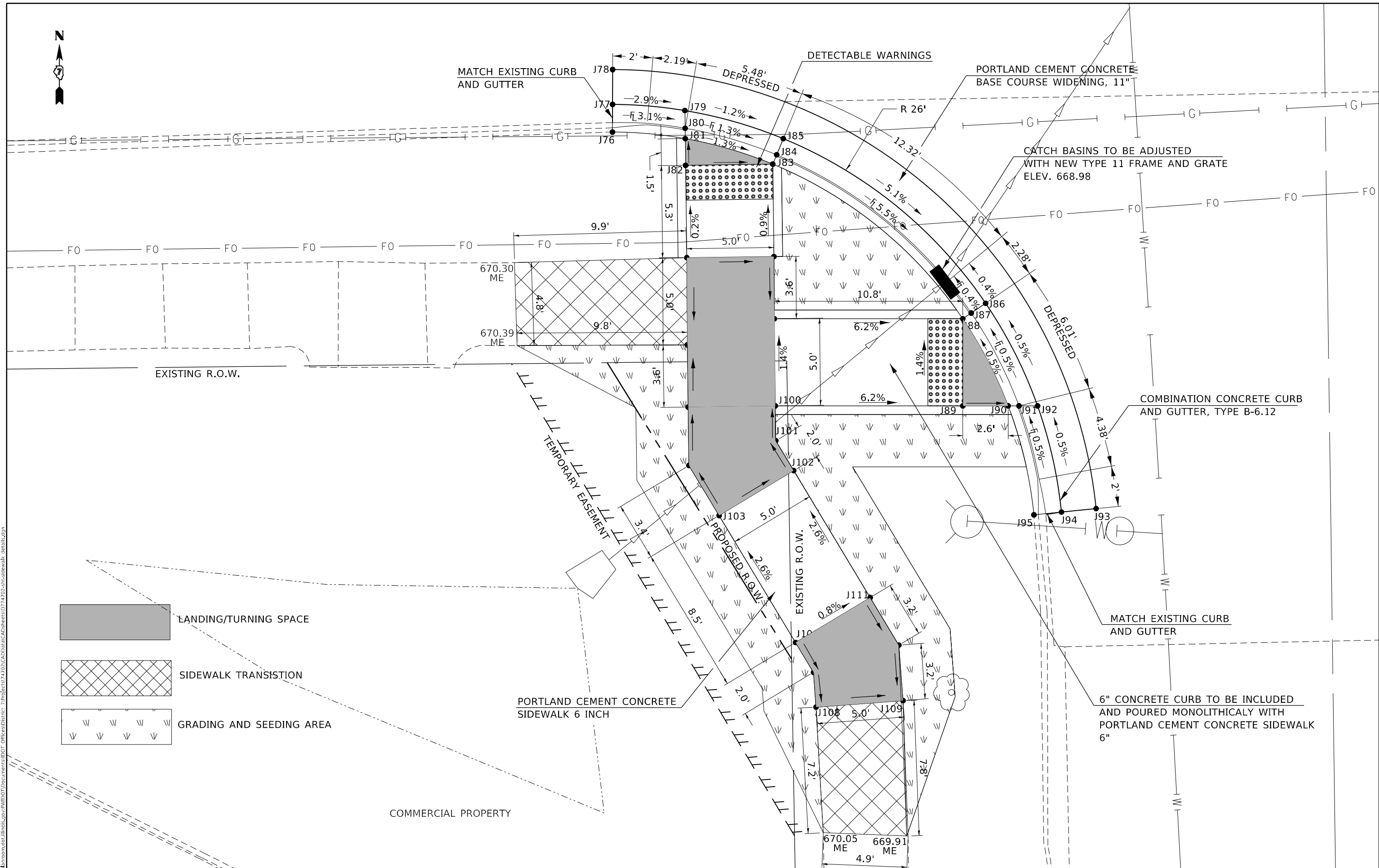
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



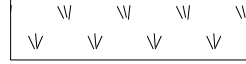
INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. EDWARDS ST.  
NE QUADRANT SIDEWALK DETAIL

SCALE: 5 SHEET 32 OF 41 SHEETS STA. TO STA.

*FAP 323 & FAU 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			(13Z, 13Z-1)RS-3	MACON	208	189
				CONTRACT NO. 74702		
		ILLINOIS		FED. AID PROJECT		

MODEL: Default  
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 PROJECT: 74702\_CADD\Drawings\DOT\_Offices\Drawings\74702-512-sidewalk\_details.dwg



-  LANDING/TURNING SPACE
-  SIDEWALK TRANSITION
-  GRADING AND SEEDING AREA

MODEL: Default  
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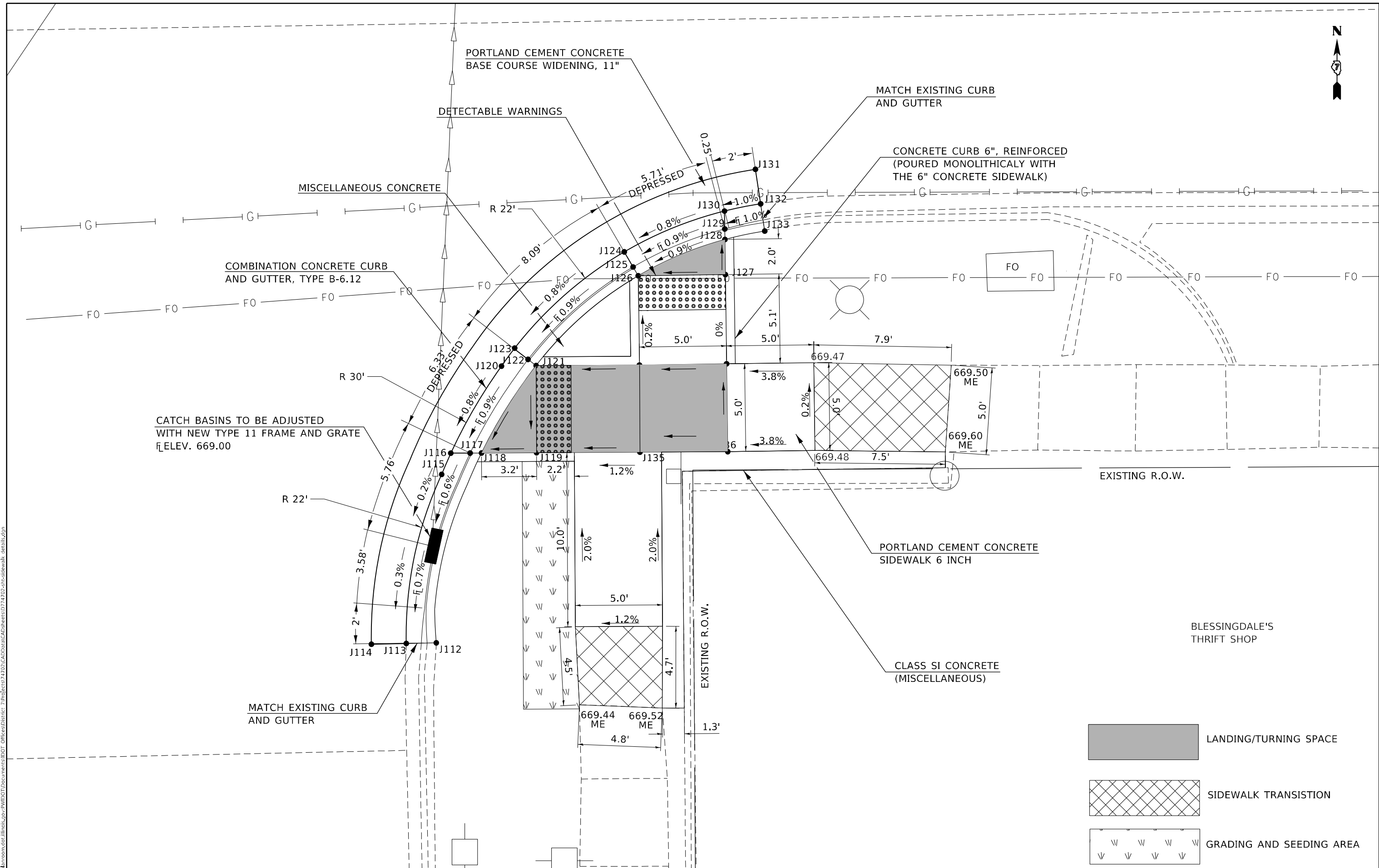
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PLOT SCALE = 5,000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. EDWARDS ST.**  
**SW QUADRANT SIDEWALK DETAIL**

SCALE: 5 SHEET 33 OF 41 SHEETS STA. TO STA.

*FAP 323 & FAU 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		"	(13Z, 13Z-1)RS-3	MACON	208	190
				CONTRACT NO. 74702		
				ILLINOIS FED. AID PROJECT		



**LEGEND**

- LANDING/TURNING SPACE
- SIDEWALK TRANSITION
- GRADING AND SEEDING AREA

USER NAME = stefenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 5,000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. EDWARDS ST.  
SE QUADRANT SIDEWALK DETAIL**

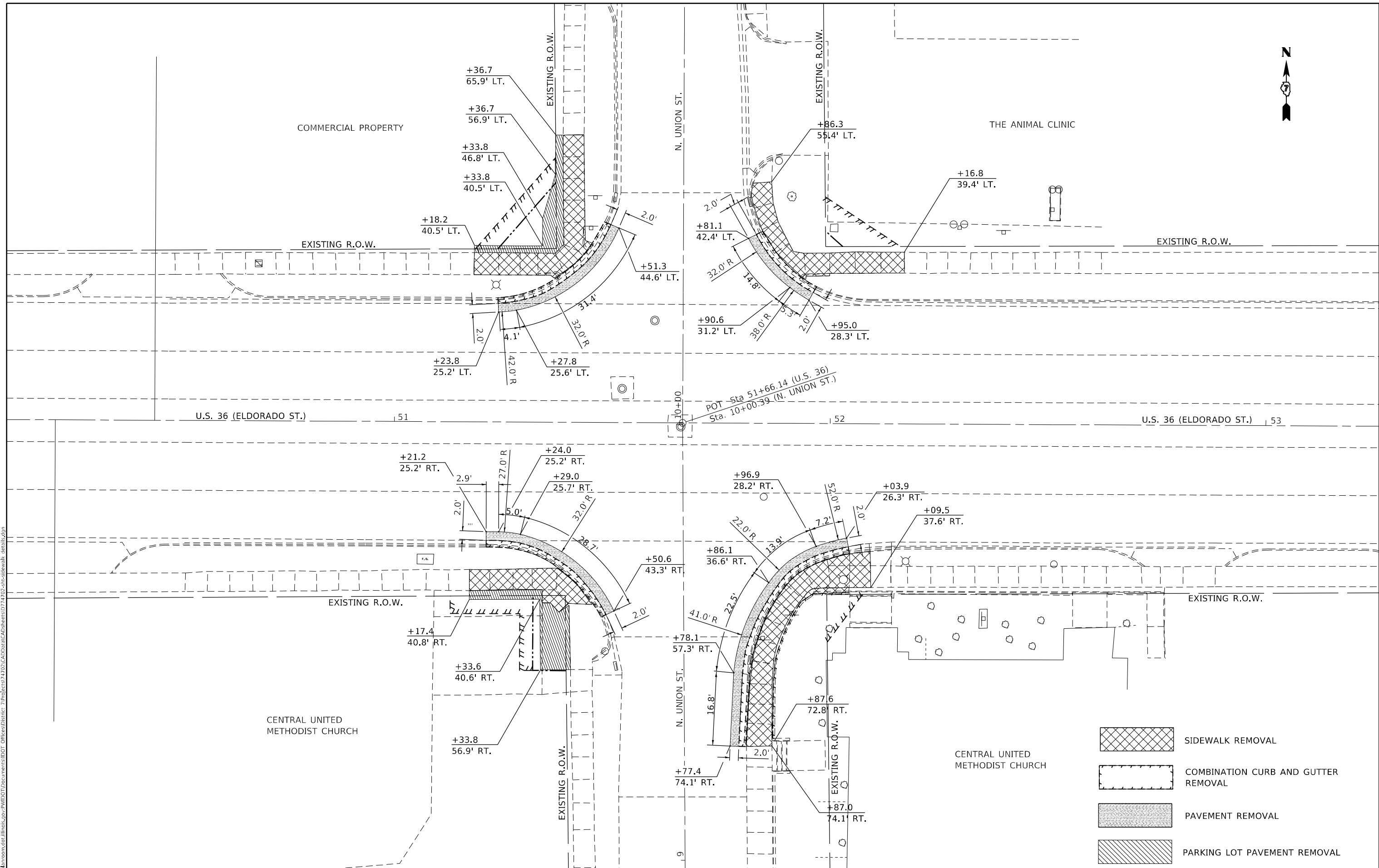
*FAP 323 & FAU 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			(13Z, 13Z-1)RS-3	MACON	208	191
				CONTRACT NO. 74702		
				ILLINOIS FED. AID PROJECT		

MODEL: Default  
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SCALE: 5 SHEET 34 OF 41 SHEETS STA. TO STA.







MODEL: Default  
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	DRAWN -	REVISED -
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**REMOVAL DETAIL INTERSECTION K**  
**U.S. 36 (ELDORADO ST.) & N. UNION ST.**

SCALE: 10 SHEET 36 OF 41 SHEETS STA. TO STA.

*FAP 323 & FAU 7404		TOTAL SHEETS		SHEET NO.	
F.A. RTE.	SECTION	COUNTY	208	193	
	(13Z, 13Z-1)RS-3	MACON	CONTRACT NO. 74702		
ILLINOIS FED. AID PROJECT					



COMMERCIAL PROPERTY

PORTLAND CEMENT CONCRETE  
SIDEWALK 6 INCH

PROPOSED CONCRETE CURB,  
TYPE B (SPECIAL)  
SEE SHEET 209 OF DETAILS

CLASS SI CONCRETE  
(MISCELLANEOUS)

MATCH EXISTING CURB  
AND GUTTER

EXISTING R.O.W.



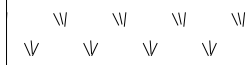
MATCH EXISTING CURB  
AND GUTTER

DETECTABLE WARNINGS

COMBINATION CONCRETE CURB  
AND GUTTER, TYPE B-6.12

CLASS SI CONCRETE  
(MISCELLANEOUS)

PORTLAND CEMENT CONCRETE  
BASE COURSE WIDENING, 11"

-  LANDING/TURNING SPACE
-  SIDEWALK TRANSITION
-  GRADING AND SEEDING AREA

MODEL: Default  
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PLOT DATE = 2/11/2021	CHECKED -	REVISED -
	DATE -	REVISED -

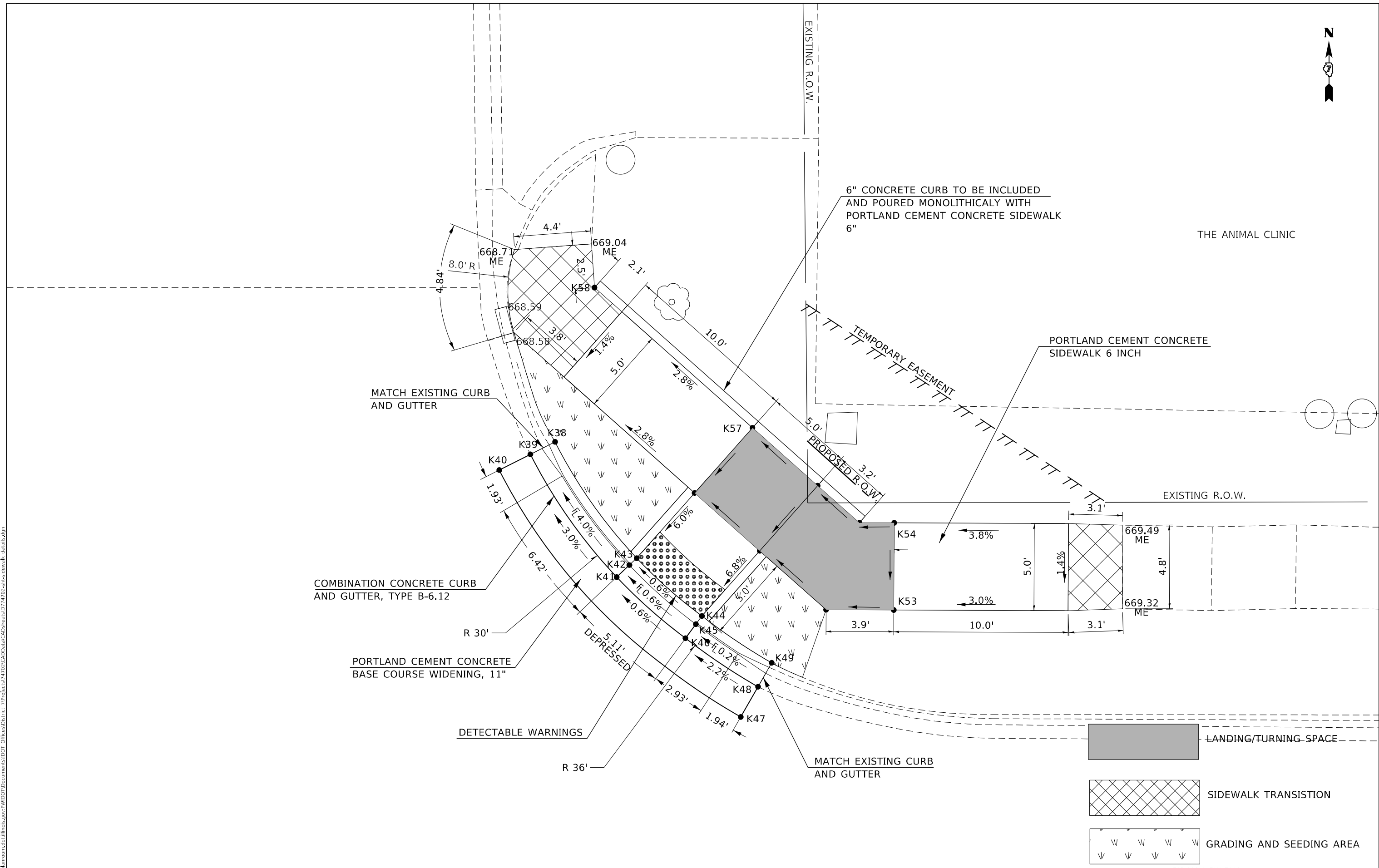
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. UNION ST.  
NW QUADRANT SIDEWALK DETAIL**

SCALE: 5 SHEET 37 OF 41 SHEETS STA. TO STA.

\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	194
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



MODEL: Default  
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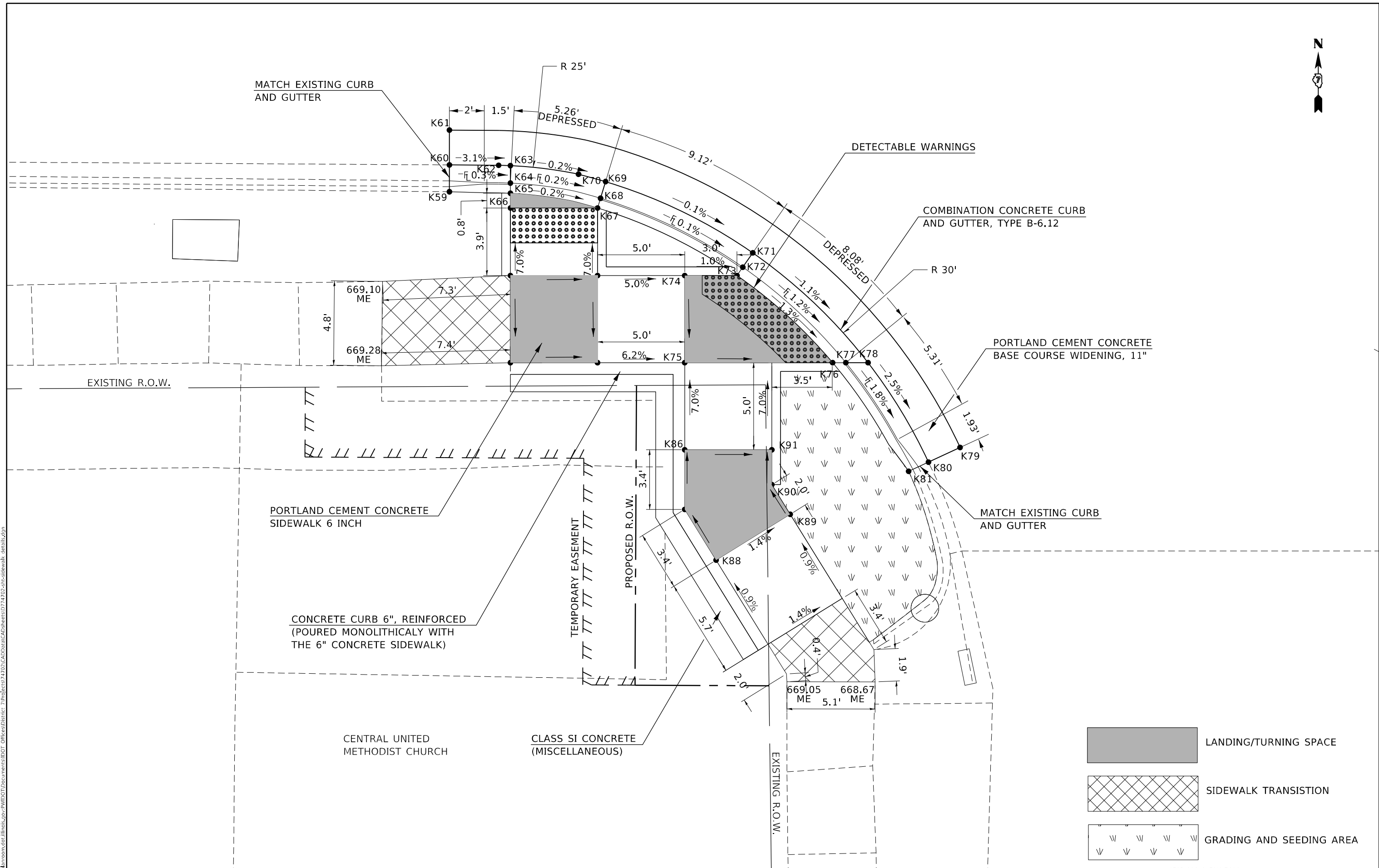
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. UNION ST.**  
**NE QUADRANT SIDEWALK DETAIL**

FAP 323 & FAU 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		*	(13Z, 13Z-1)RS-3	MACON	208	195
		CONTRACT NO. 74702				
		ILLINOIS FED. AID PROJECT				

SCALE: 5 SHEET 38 OF 41 SHEETS STA. TO STA.



\*FAP 323 & FAU 7404

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 5,000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

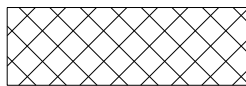
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF U.S. 36 (ELDORADO ST.) & N. UNION ST.  
SW QUADRANT SIDEWALK DETAIL**

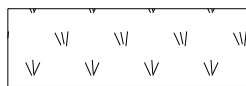
SCALE: 5 SHEET 39 OF 41 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	196
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

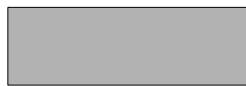
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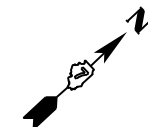
SIDEWALK TRANSITION



GRADING AND SEEDING AREA



LANDING/TURNING SPACE



COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

DETECTABLE WARNINGS

CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE  
ELEV. 668.43

PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 11"

MATCH EXISTING CURB AND GUTTER

MATCH EXISTING CURB AND GUTTER

PROPOSED CONCRETE CURB, TYPE B (SPECIAL)  
SEE SHEET 210 OF DETAILS

PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH

CLASS SI CONCRETE (MISCELLANEOUS)

CENTRAL UNITED METHODIST CHURCH

EXISTING R.O.W.

EXISTING R.O.W.

USER NAME = stefnkm	DESIGNED -	REVISED -
PLOT SCALE = 5,000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/11/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

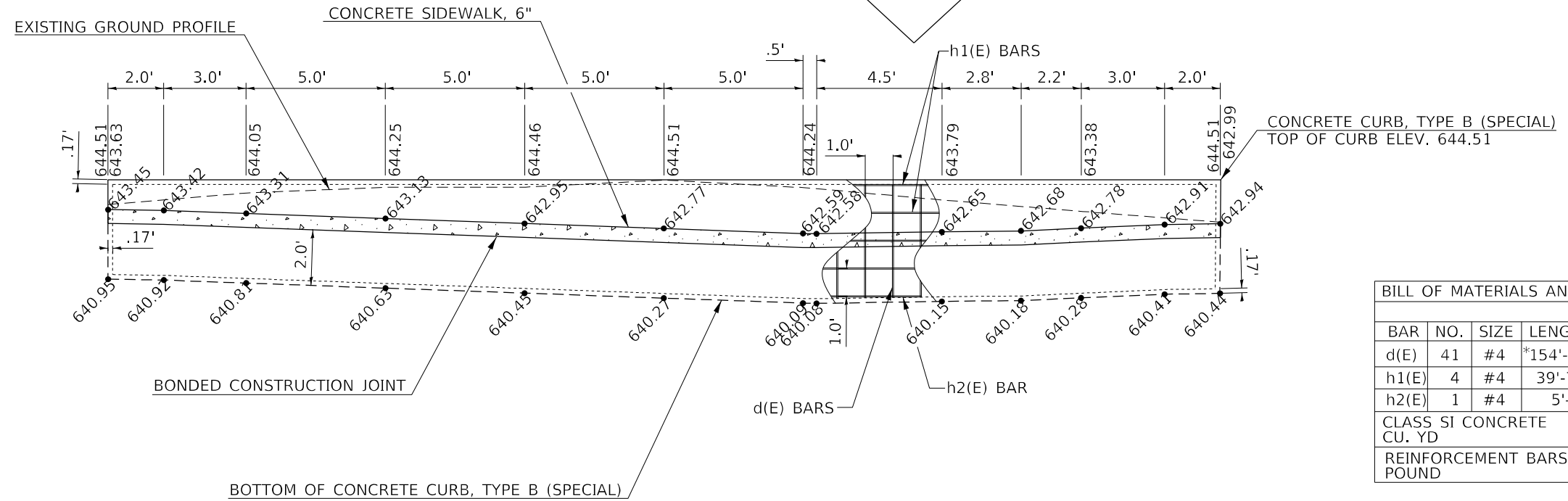
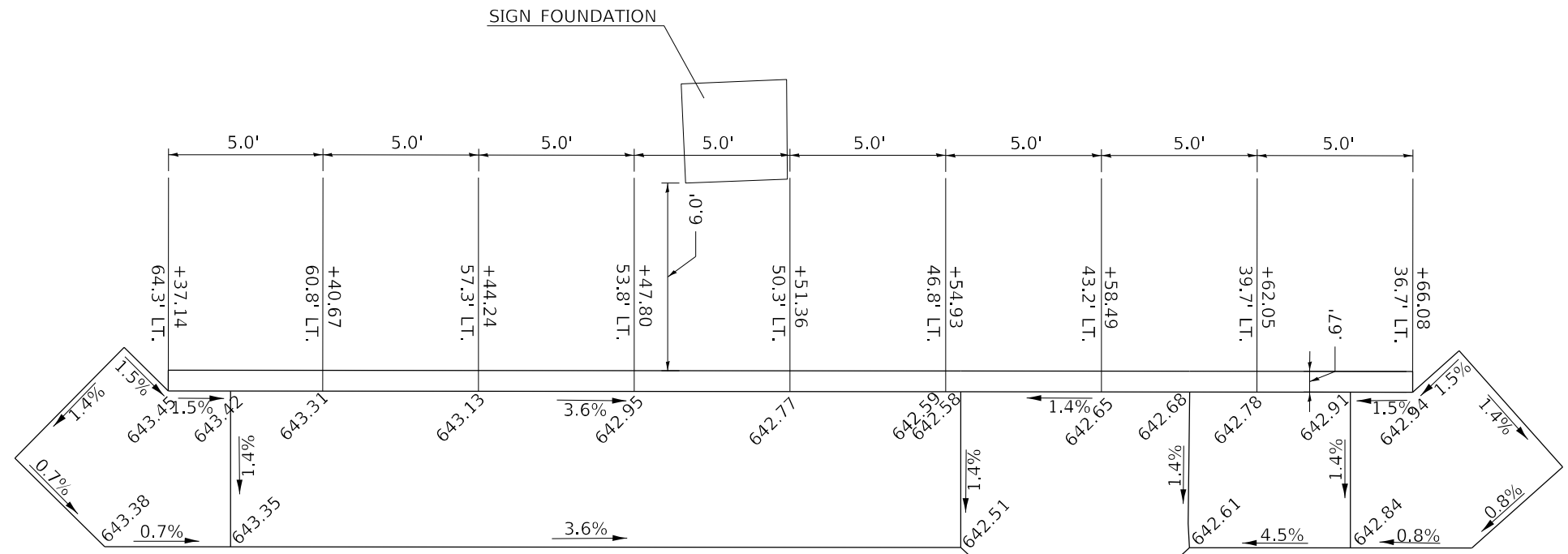
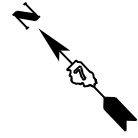
INTERSECTION OF U.S. 36 (ELDERADO ST.) & N. UNION ST.  
SE QUADRANT SIDEWALK DETAIL

SCALE: 5 SHEET 40 OF 41 SHEETS STA. TO STA.

*FAP 323 & FAU 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			(13Z, 13Z-1)RS-3	MACON	208	197
					CONTRACT NO. 74702	
					ILLINOIS FED. AID PROJECT	

MODEL: Default  
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BILL OF MATERIALS AND BAR LIST				
BAR	NO.	SIZE	LENGTH	SHAPE
d(E)	41	#4	*154'-1 1/2"	——
h1(E)	4	#4	39'-7 1/2"	——
h2(E)	1	#4	5'-1 1/2"	——
CLASS SI CONCRETE				
CU. YD				4.0
REINFORCEMENT BARS				
POUND				132.8

MODEL: Default  
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USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 5,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

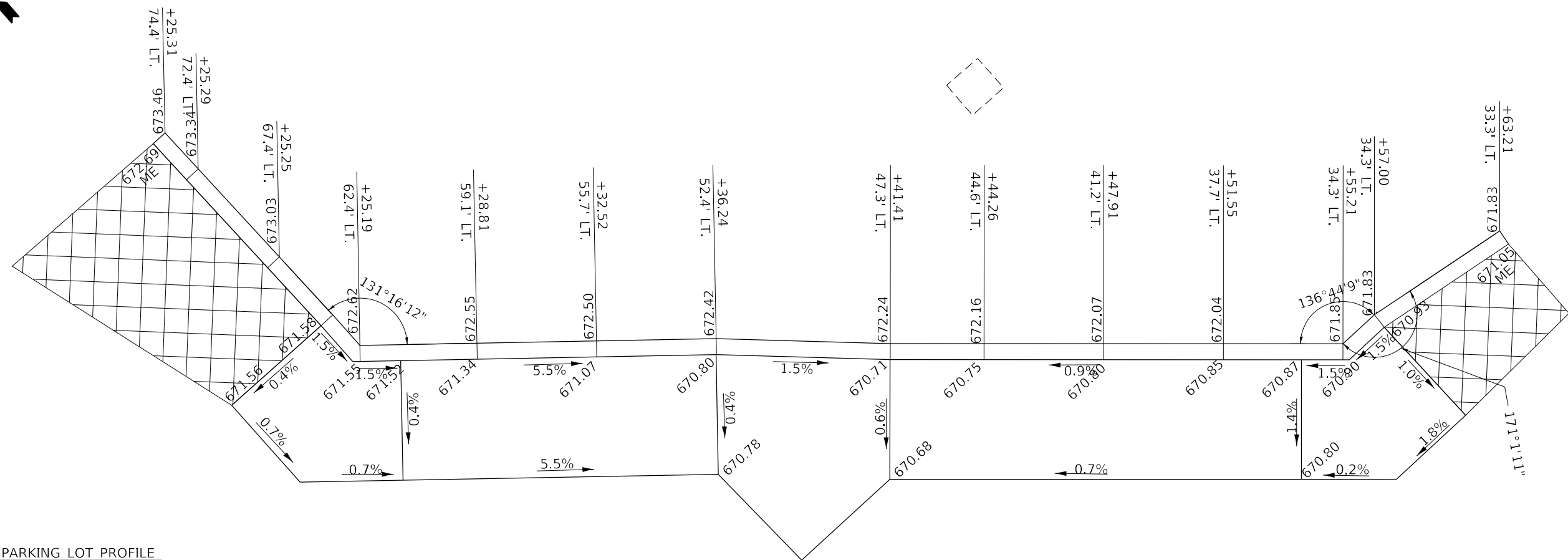
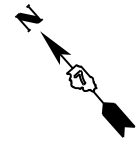
**CONCRETE CURB, TYPE B (SPECIAL)**  
**NE QUADRANT OF IL 48 & W. ELDORADO ST.**

SCALE: NA SHEET 1 OF 10 SHEETS STA. TO STA.

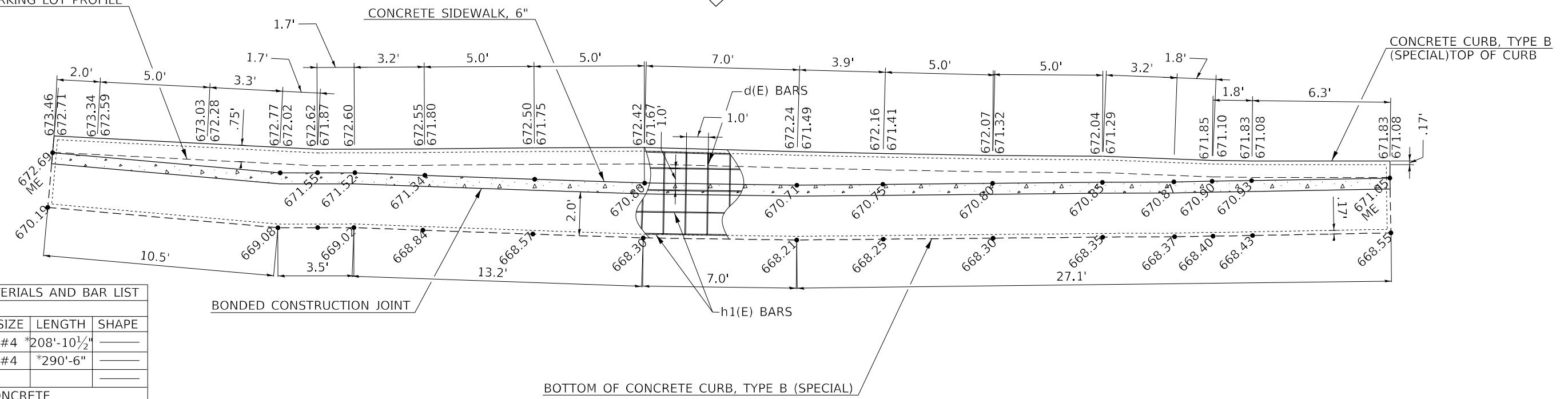
\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	199
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				





EXISTING PARKING LOT PROFILE



BILL OF MATERIALS AND BAR LIST				
BAR	NO.	SIZE	LENGTH	SHAPE
d(E)	62	#4	*208'-10 1/2"	—
h1(E)	5	#4	*290'-6"	—
CLASS SI CONCRETE CU. YD				5.6
REINFORCEMENT BARS POUND				333.5
CLASS SI CONCRETE (MISCELLANEOUS) CU. YD				2.1

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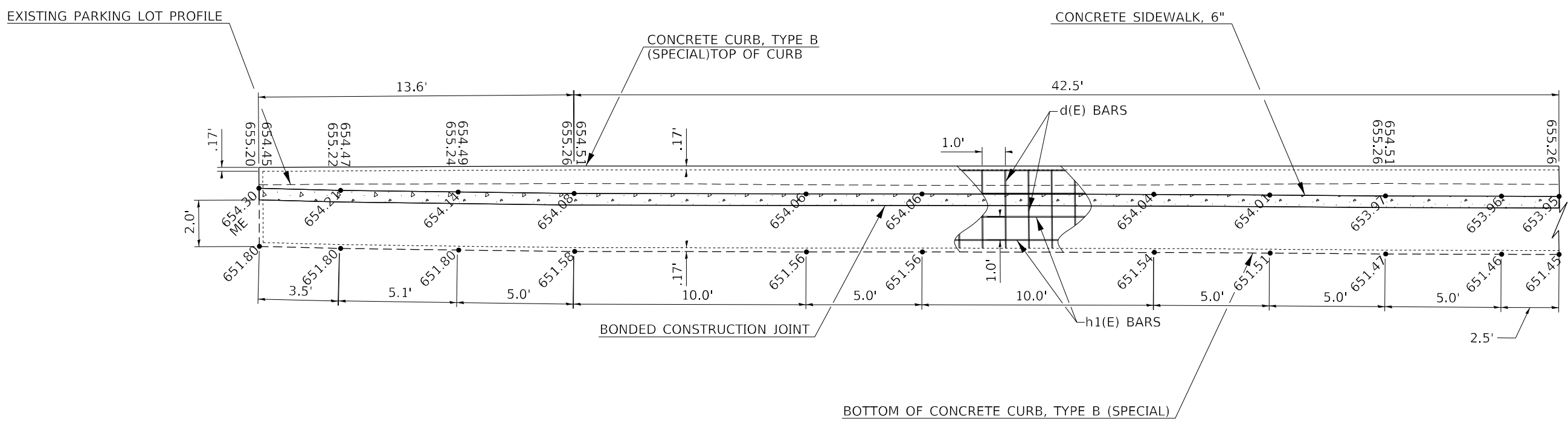
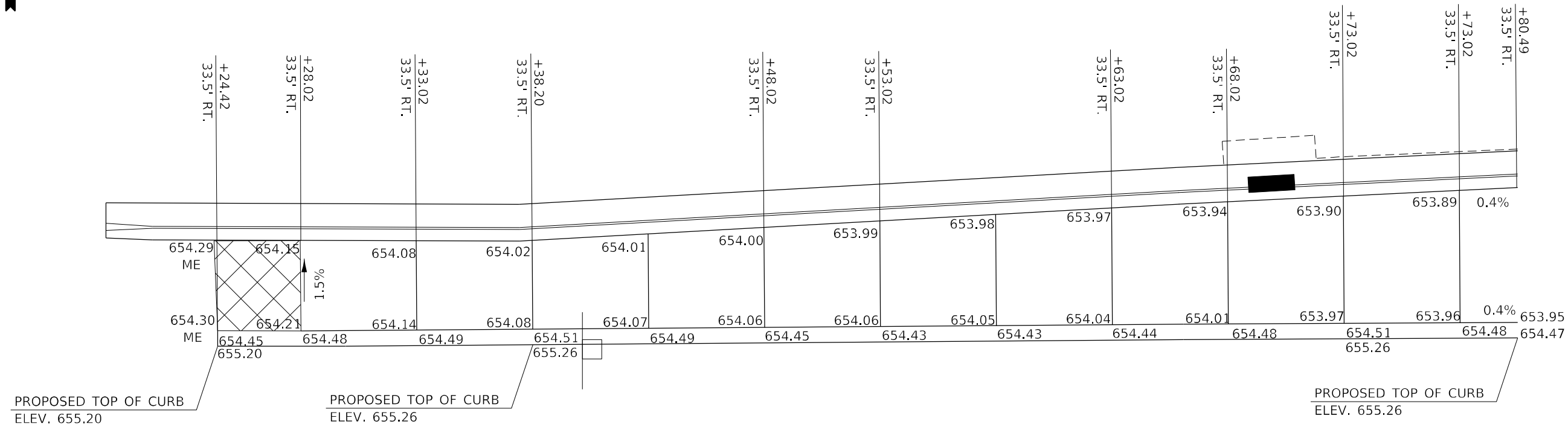
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CONCRETE CURB, TYPE B (SPECIAL)**  
**NE QUADRANT OF US 36 & N. OAKLAND AVE**

SCALE: NA    SHEET 2 OF 10 SHEETS    STA.    TO STA.

*FAP 323 & FAU 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	200
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



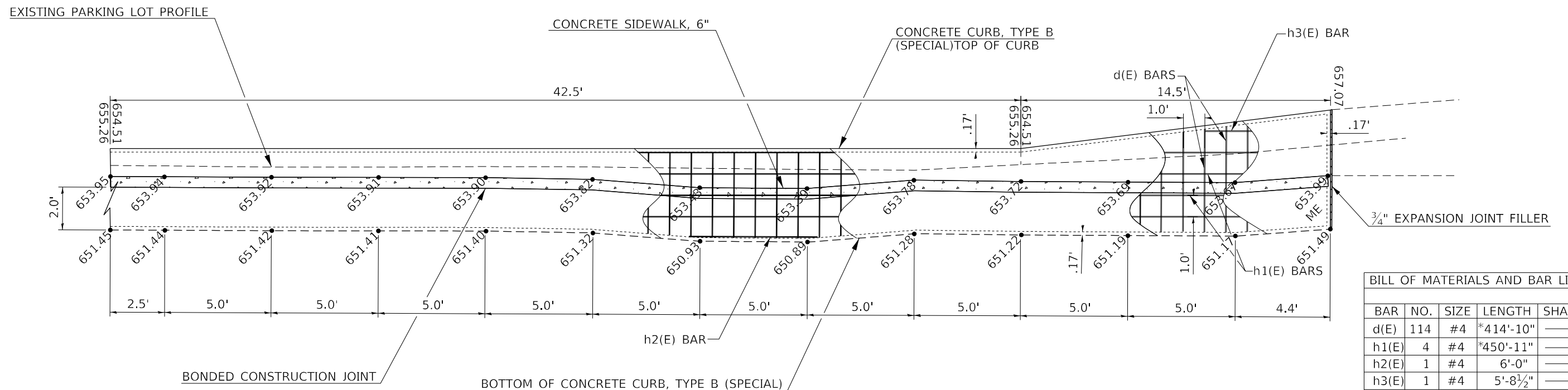
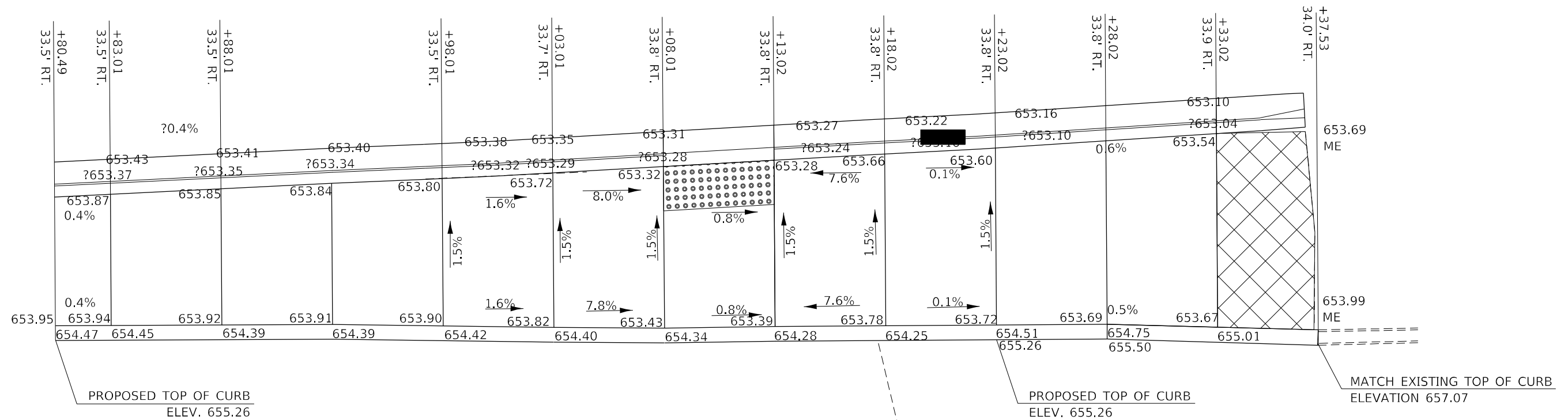
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PLOT DATE = 2/11/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CONCRETE CURB, TYPE B (SPECIAL)**  
**S(a) QUADRANT OF US 36 & N. VAN DYKE ST.**

*FAP 323 & FAU 7404			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
*	(13Z, 13Z-1)RS-3	MACON	208
			SHEET NO. 201
CONTRACT NO. 74702			
SCALE: NA		SHEET 3 OF 10 SHEETS	STA. TO STA.
ILLINOIS FED. AID PROJECT			



BILL OF MATERIALS AND BAR LIST				
BAR	NO.	SIZE	LENGTH	SHAPE
d(E)	114	#4	*414'-10"	—
h1(E)	4	#4	*450'-11"	—
h2(E)	1	#4	6'-0"	—
h3(E)	1	#4	5'-8 1/2"	—
CLASS SI CONCRETE CU. YD				11.1
REINFORCEMENT BARS POUND				587.7
CLASS SI CONCRETE (MISCELLANEOUS) CU. YD				4.3

*FAP 323 & FAU 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	202
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

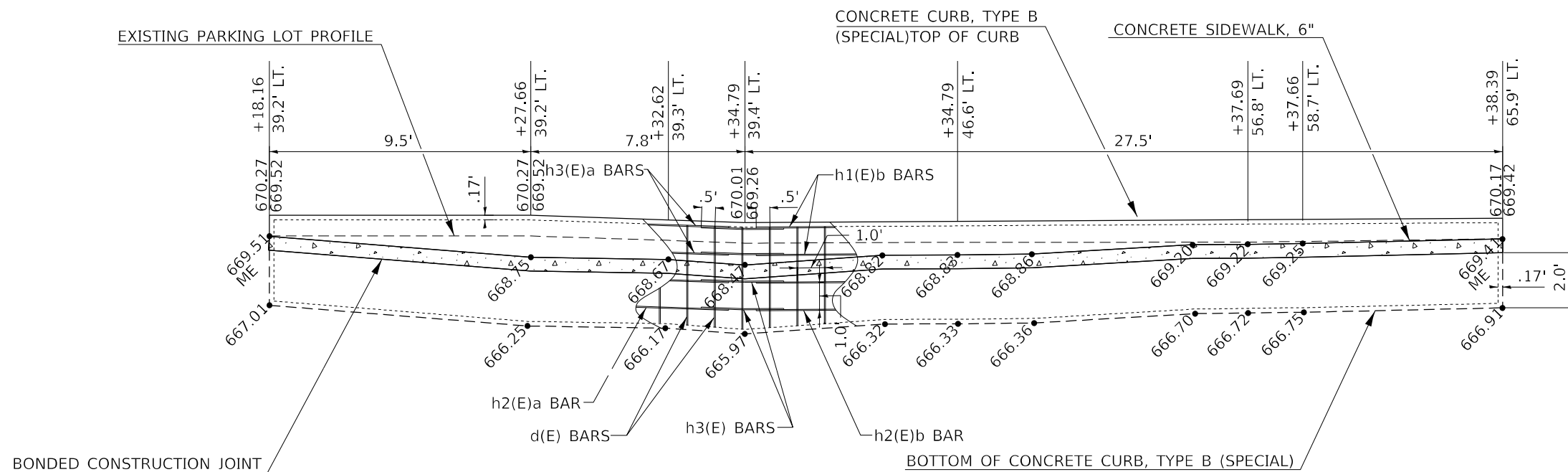
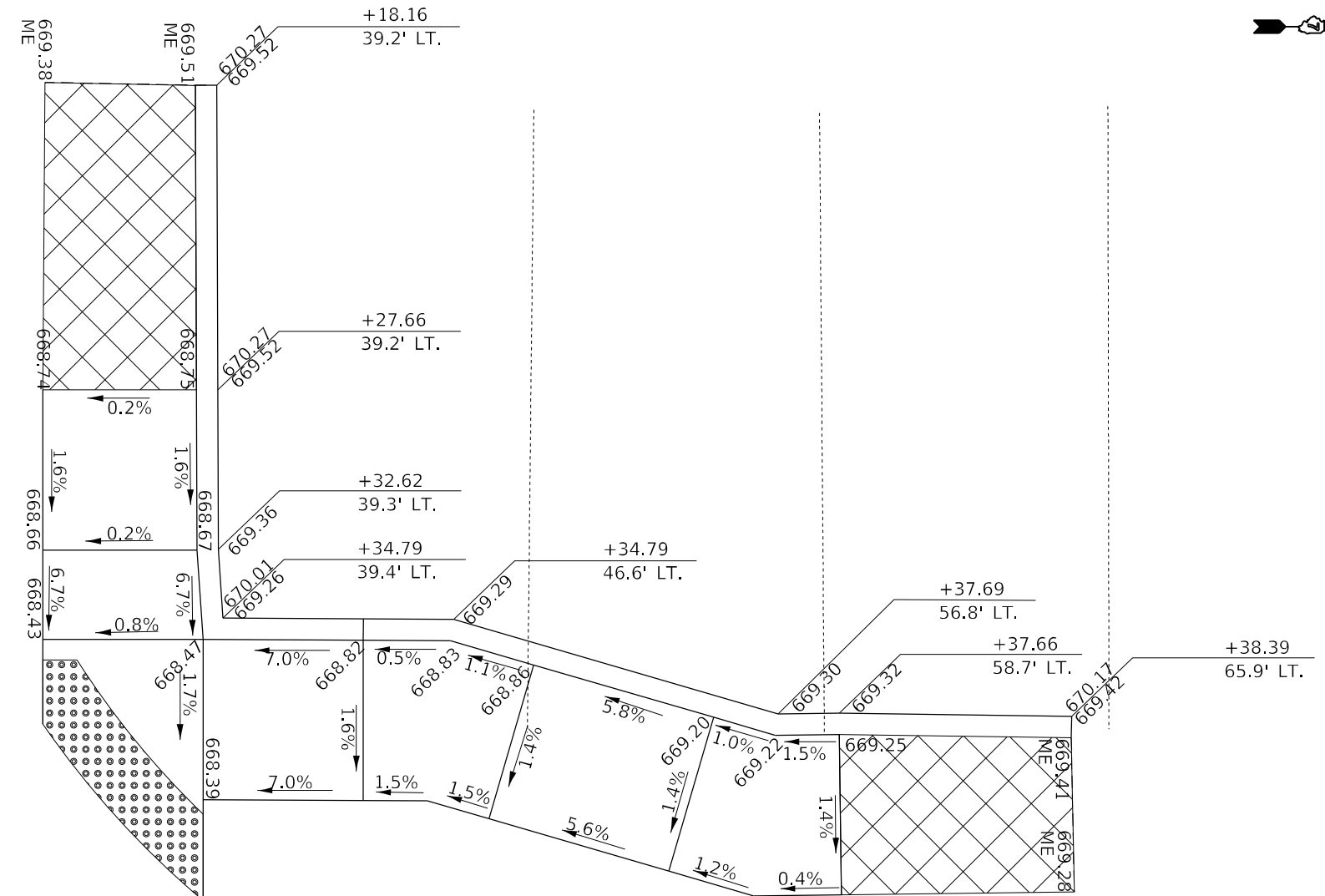
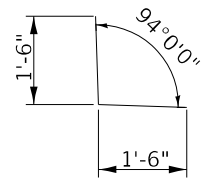
CONCRETE CURB, TYPE B (SPECIAL)  
S(b) QUADRANT OF US 36 & N. VAN DYKE ST.

SCALE: NA SHEET 4 OF 10 SHEETS STA. TO STA.

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BILL OF MATERIALS AND BAR LIST				
BAR	NO.	SIZE	LENGTH	SHAPE
d(E)	46	#4	*152'-3 $\frac{1}{4}$ "	—
h1(E)a	3	#4	*16'-6 $\frac{3}{4}$ "	—
h1(E)b	3	#4	26'-11 $\frac{3}{4}$ "	—
h2(E)a	1	#4	14"-6"	—
h2(E)b	1	#4	17'-6 $\frac{3}{4}$ "	—
h3(E)	4	#4	3'-0"	L
CLASS SI CONCRETE CU. YD				4.0
REINFORCEMENT BARS POUND				218.3
CLASS SI CONCRETE (MISCELLANEOUS) CU. YD				1.4



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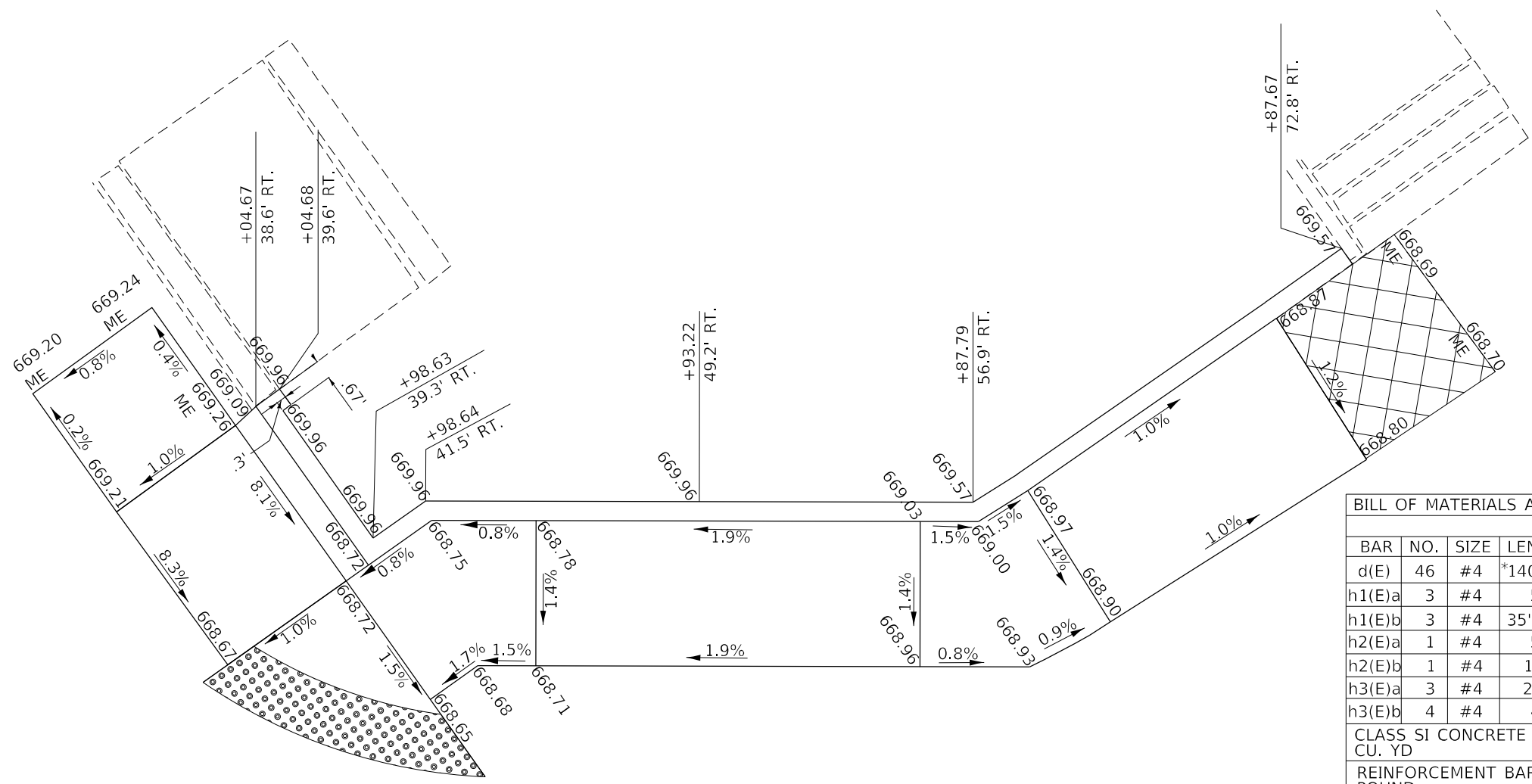
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CONCRETE CURB, TYPE B (SPECIAL)**  
**NW QUADRANT OF US 36 & N. UNION ST.**

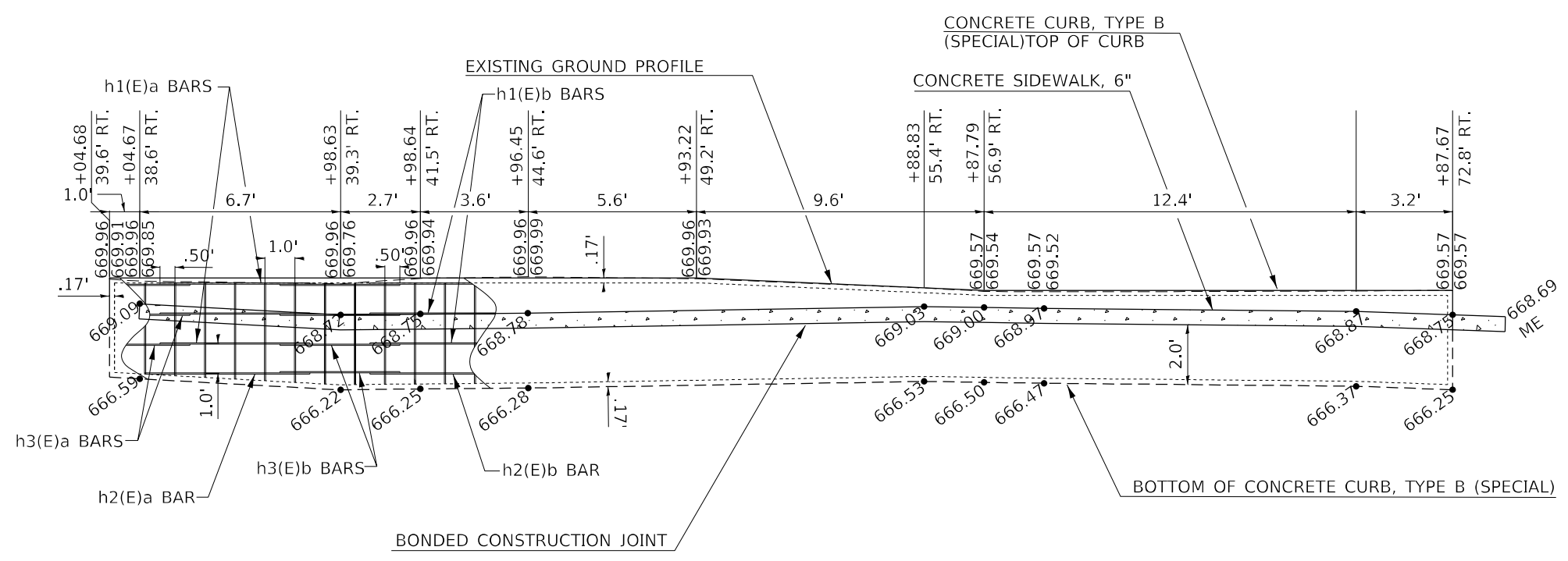
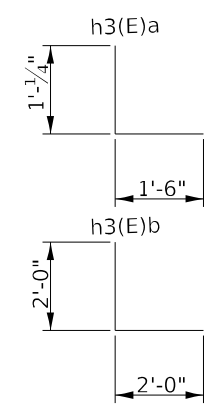
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\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	203
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS AND BAR LIST				
BAR	NO.	SIZE	LENGTH	SHAPE
d(E)	46	#4	*140'-5 1/2"	—
h1(E)a	3	#4	5'-0"	—
h1(E)b	3	#4	35'-11 3/4"	—
h2(E)a	1	#4	5'-6"	—
h2(E)b	1	#4	13'-6"	—
h3(E)a	3	#4	2'-6 1/4"	L
h3(E)b	4	#4	4'-0"	L
CLASS SI CONCRETE				
CU. YD				3.8
REINFORCEMENT BARS				
POUND				204.4



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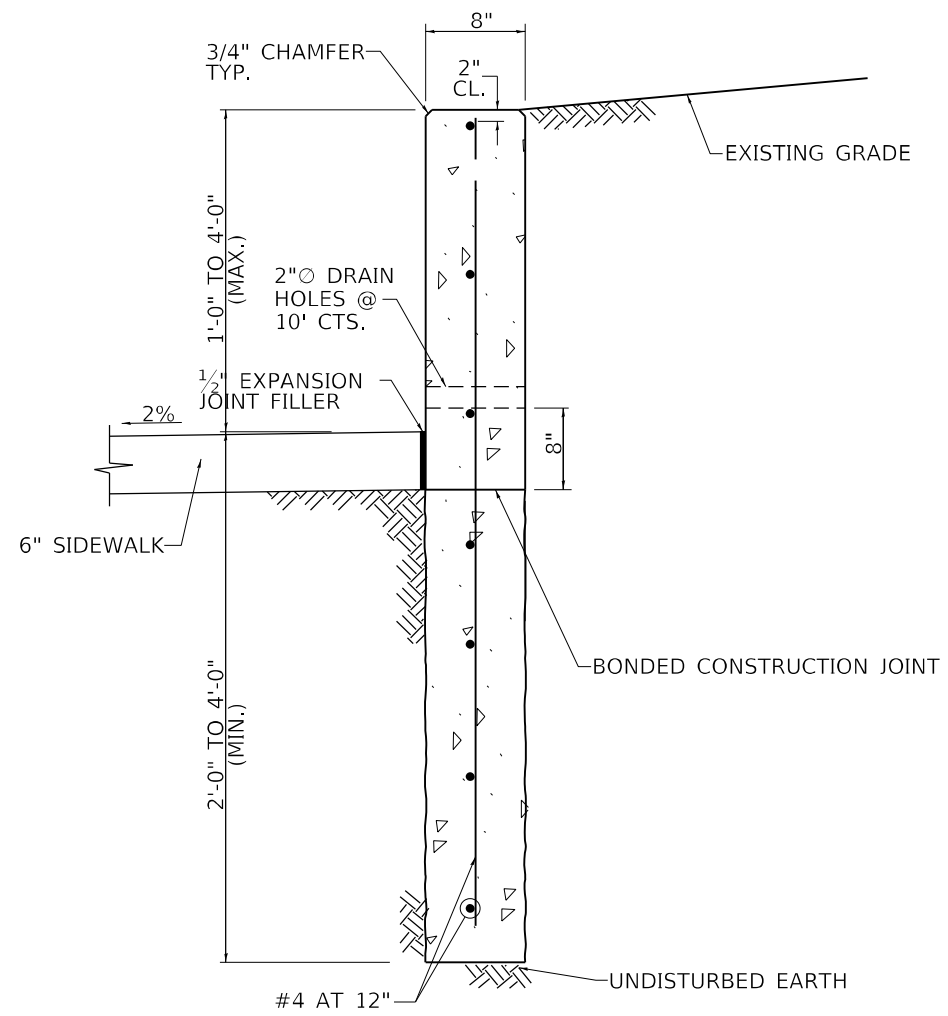
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CONCRETE CURB, TYPE B (SPECIAL)**  
**SE QUADRANT OF US 36 & N. UNION ST.**

SCALE: NA    SHEET 6 OF 10 SHEETS    STA.    TO STA.

*FAP 323 & FAU 7404				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(13Z, 13Z-1)RS-3	MACON	208	204
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



**CONCRETE CURB, TYPE B (SPECIAL)**  
**EARTH RETAINMENT**

**GENERAL NOTES**

1. REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 508 OF THE STANDARD SPECIFICATIONS. THE COST OF FURNISHING AND INSTALLING ALL REINFORCEMENT SHALL BE INCLUDED IN THE COST PER FT. OF CONCRETE CURB, TYPE B (SPECIAL).
2. CONCRETE SHALL BE CLASS SI CONCRETE. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 503 OF THE STANDARD SPECIFICATIONS. THE EXPOSED FACES OF THE WALL SHALL BE A TEXTURED FINISH. FORM LINERS SHALL BE USED ON THE EXPOSED VERTICAL FACES AS DIRECTED AND APPROVED BY THE ENGINEER. ALL TRENCHES, REINFORCEMENT AND FORMWORK SHALL BE APPROVED BY THE ENGINEER PRIOR TO POURING CONCRETE WALLS OR FOOTINGS. THE COST OF CONSTRUCTING WALL AND STEPS IN PLACE, INCLUDING ALL FORM WORK, FORM LINERS, TRENCHING, EXCAVATIONS, BACKFILL AND JOINT FILLERS SHALL BE INCLUDED IN THE COST PER FOOT OF CONCRETE CURB, TYPE B (SPECIAL).
3. THE CONTRACTOR SHALL BE RESPONSIBLE OF ANY EARTH RETENTION SYSTEMS AS REQUIRED TO CONSTRUCT WALL TO PREVENT PROPERTY DAMAGE. ANY PROPERTY DAMAGE SHALL BE REPAIRED PER SECTION 107 OF THE STANDARD SPECIFICATIONS.

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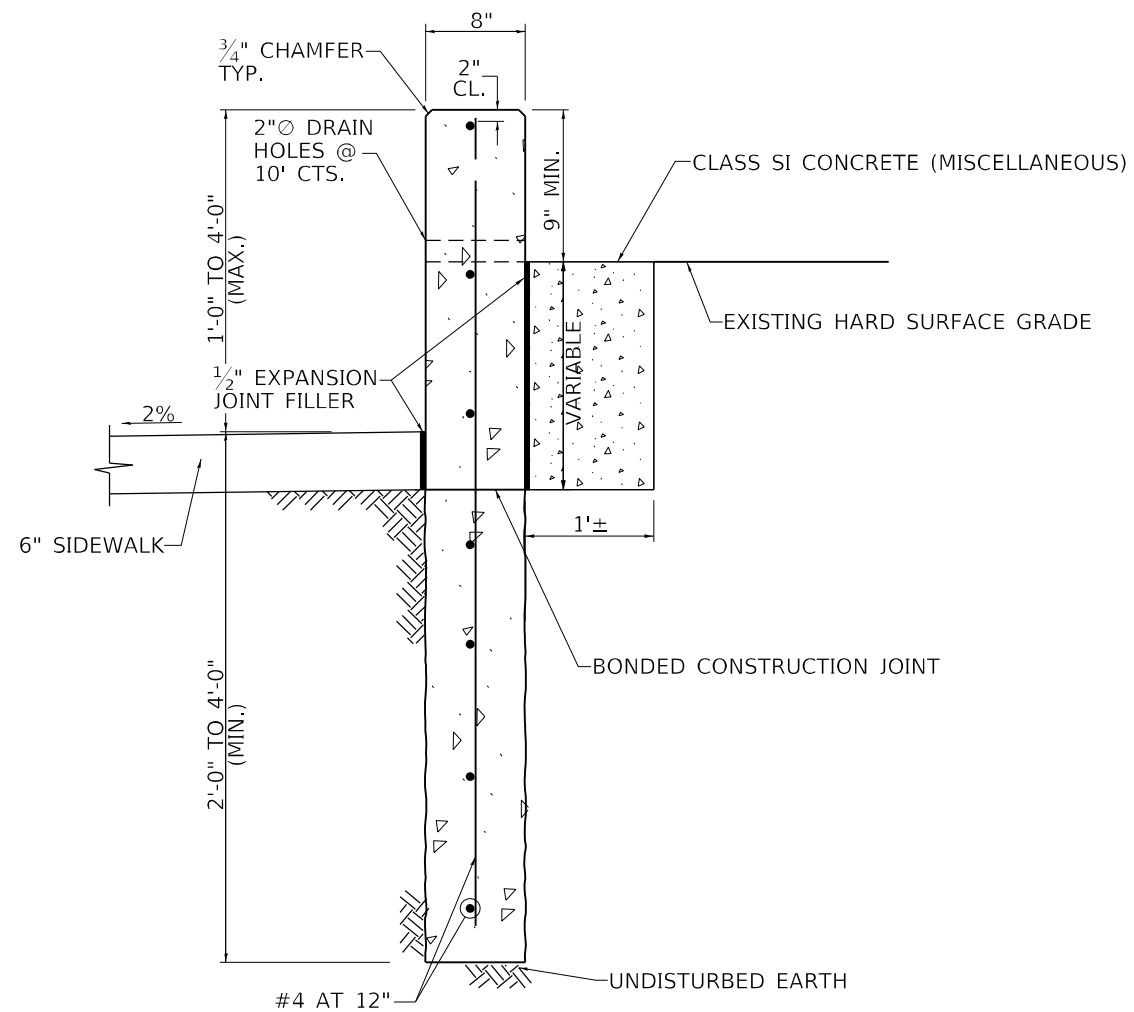
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DETAIL CONCRETE CURB, TYPE B (SPECIAL)**  
**EARTH RETAINMENT**

SCALE: NA SHEET 7 OF 10 SHEETS STA. TO STA.

\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	205
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



**CONCRETE CURB, TYPE B (SPECIAL)  
HARD SURFACE RETAINMENT**

**GENERAL NOTES**

1. REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 508 OF THE STANDARD SPECIFICATIONS. THE COST OF FURNISHING AND INSTALLING ALL REINFORCEMENT SHALL BE INCLUDED IN THE COST PER FT. OF CONCRETE CURB, TYPE B (SPECIAL).
2. CONCRETE SHALL BE CLASS SI CONCRETE. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 503 OF THE STANDARD SPECIFICATIONS. THE EXPOSED FACES OF THE WALL SHALL BE A TEXTURED FINISH. FORM LINERS SHALL BE USED ON THE EXPOSED VERTICAL FACES AS DIRECTED AND APPROVED BY THE ENGINEER. ALL TRENCHES, REINFORCEMENT AND FORMWORK SHALL BE APPROVED BY THE ENGINEER PRIOR TO POURING CONCRETE WALLS OR FOOTINGS. THE COST OF CONSTRUCTING WALL AND STEPS IN PLACE, INCLUDING ALL FORM WORK, FORM LINERS, TRENCHING, EXCAVATIONS, BACKFILL AND JOINT FILLERS SHALL BE INCLUDED IN THE COST PER FOOT OF CONCRETE CURB, TYPE B (SPECIAL).
3. THE CONTRACTOR SHALL BE RESPONSIBLE OF ANY EARTH RETENTION SYSTEMS AS REQUIRED TO CONSTRUCT WALL TO PREVENT PROPERTY DAMAGE. ANY PROPERTY DAMAGE SHALL BE REPAIRED PER SECTION 107 OF THE STANDARD SPECIFICATIONS.

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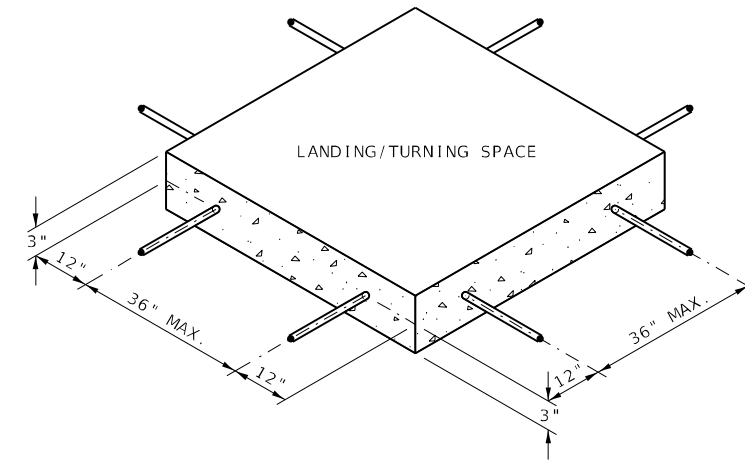
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAIL CONCRETE CURB, TYPE B (SPECIAL)  
HARD SURFACE RETAINMENT**

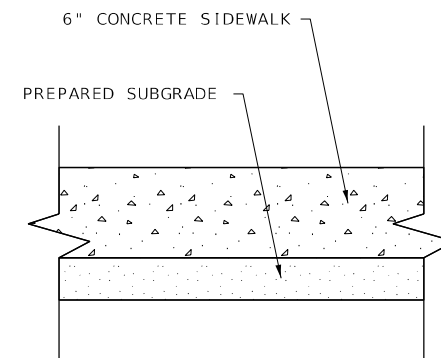
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\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	206
CONTRACT NO. 74702				
ILLINOIS FED. AID PROJECT				



SIDEWALK REINFORCEMENT



TYPICAL SIDEWALK SECTION WITHIN INTERSECTION CORNER

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

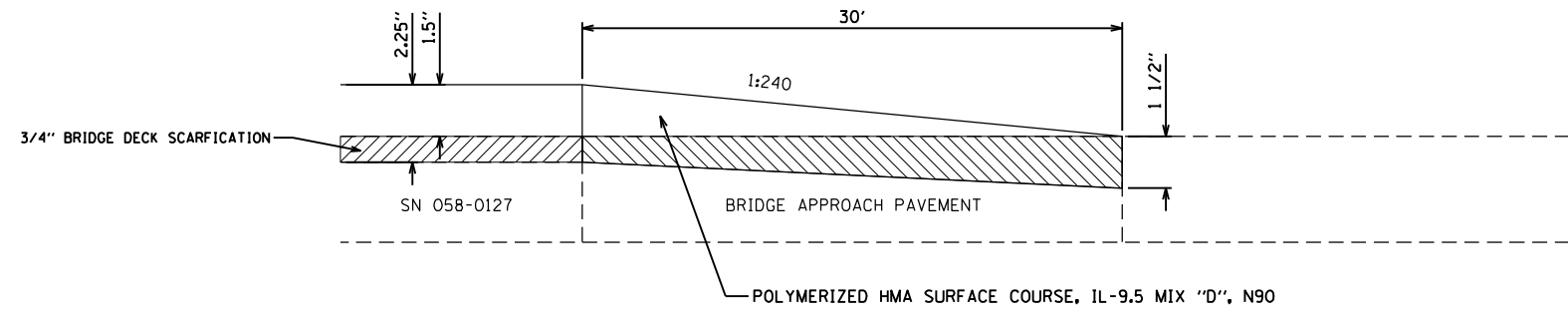
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\*FAP 323 & FAU 7404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3	MACON	208	207
CONTRACT NO. 74702				
ILLINOIS		FED. AID PROJECT		



BUTT JOINT DETAIL SN 058-0127



- 3/4" BRIDGE DECK SCARIFICATION
- PCC SURFACE REMOVAL - BUTT JOINT

PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT = 540 SQ YD

POLYMERIZED HMA SURFACE COURSE, IL 9.5 MIX "D", N90 = 57 TON

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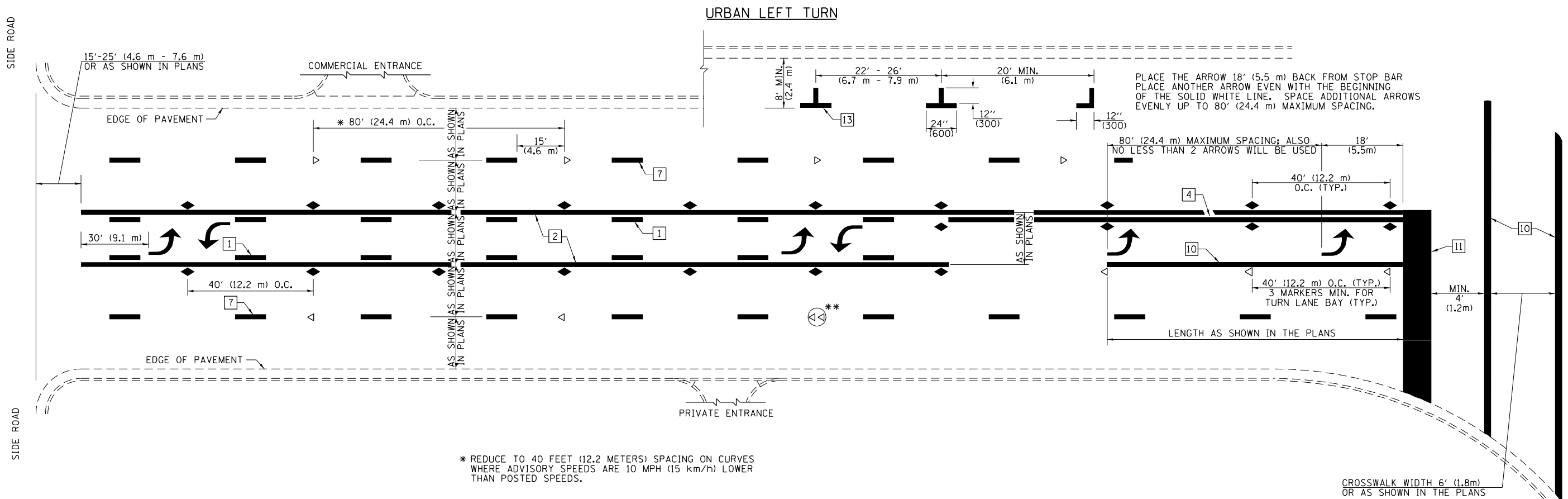
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT DETAL**

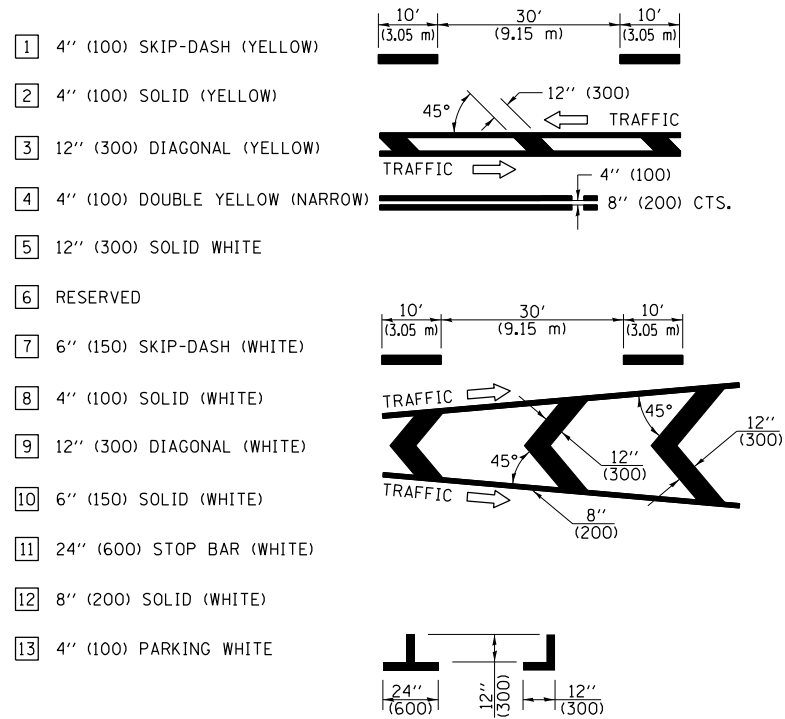
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. 323 & FAU 7404	COUNTY	TOTAL SHEETS	SHEET NO.
(13Z,13Z-1)RS-3	MACON	208	207A
CONTRACT NO. 74702			
ILLINOIS		FED. AID PROJECT	



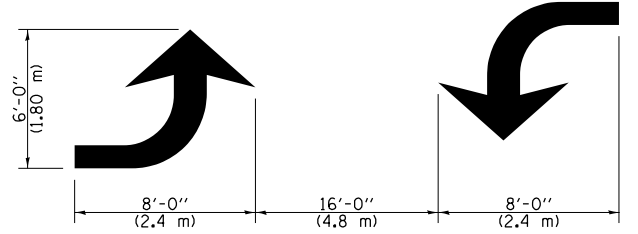
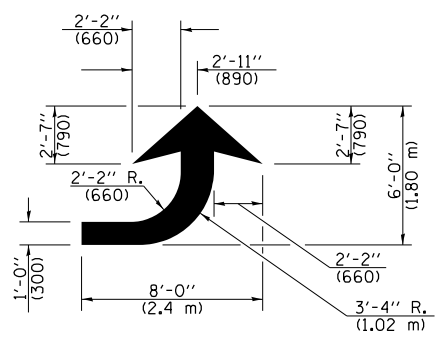
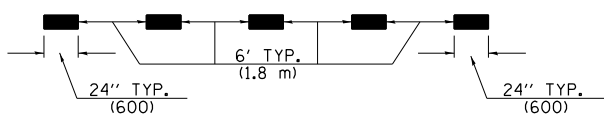
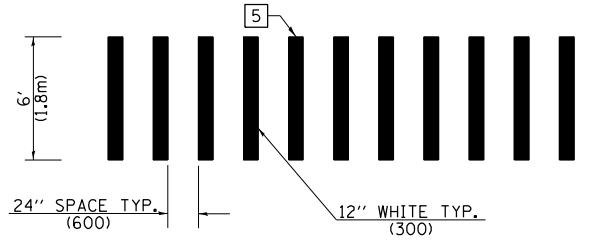
- \* REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.
- \*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

**PAVEMENT MARKING LEGEND**



**GENERAL NOTES**

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



**LANE LINE EXTENSIONS**

**LEFT ARROW**  
 REVERSE FOR RIGHT ARROW  
 AREA = 15.6 SQ. FT. (1.47 m<sup>2</sup>)  
 (WHITE)

**TYPICAL DOUBLE TURN ARROWS (WHITE)**

NOT TO SCALE

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

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PLOT DATE = 2/11/2021		

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

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

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

*FAP 323 & FAU 7404		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(13Z, 13Z-1)RS-3			MACON	208	208
				CONTRACT NO. 74702		
		ILLINOIS		FED. AID PROJECT		