

116

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16, RS-2	MACON	45	1
ILLINOIS			CONTRACT NO. 74917	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

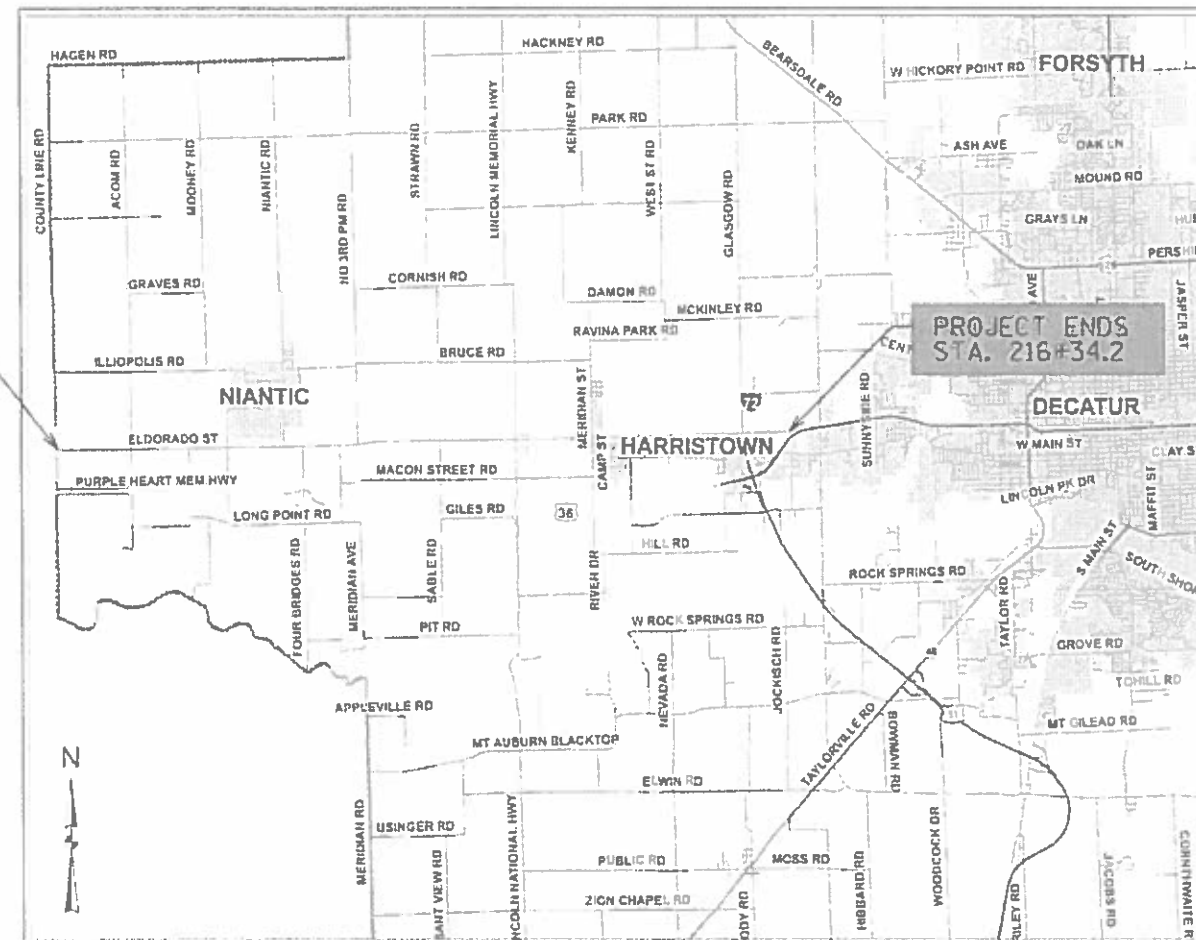
FAU ROUTE 7381, FAS 631 (OLD US 36)
SECTION (13X), 14, 15, 16, RS-2
PROJECT NO. STP-DDVH (407)
DESIGNED OVERLAY (3P)
MACON COUNTY

FOR INDEX OF SHEETS, SEE SHEET NO. 2
ADT = 1750 (2019)

D-97-034-19

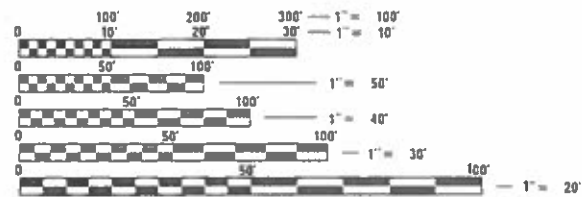


C-97-072-19



PROJECT BEGINS
STA. 847+79.4

PROJECT ENDS
STA. 216+34.2



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

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

PROJECT ENGINEER: DEBRA BARRETT
PROJECT MANAGER: KYLE PRICE

LENGTH = 51042 FEET = APPROX. 9.67 MILE

CONTRACT NO. 74917

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED FEBRUARY 6 2020
Jeffrey P. Myer
REGIONAL ENGINEER

March 20 2020
See E.A. Etc
ENGINEER OF DESIGN AND ENVIRONMENT

March 20 2020
James J. Orr
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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40	BUTT JOINT & MILLING DETAIL
41	INLET DETAIL
42-45	DIST STD 78000001

GENERAL NOTES

THIS PROJECT IS LOCATED ON OLD US 36 (HARRISTOWN RD) IN MACON COUNTY BEGINNING AT THE MACON COUNTY LINE AND EXTENDING EAST FOR APPROXIMATELY 9.67 MILES TO US 36. THE WORK INCLUDED IN SECTION (13X), 14, 15, 16, RS-2 CONSISTS OF PAVEMENT PATCHING, MILLING, HOT-MIX ASPHALT RESURFACING, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

WHEN APPLYING SHORT-TERM PAVEMENT MARKINGS, TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND PAINT SHALL BE USED ON MILLED SURFACES.

THE HMA SHOULDERS AT THE EAST END OF THE JOB ON THE WB AND EB LANES SHALL BE RESURFACED UTILIZING THE SAME BINDER COURSE AND SURFACE COURSE MATERIALS AS THE MAINLINE RESURFACING.

THE QUANTITIES FOR PATCHING ITEMS ARE ESTIMATES. THE ACTUAL LOCATIONS AND QUANTITIES WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

MILLED PAVEMENT SHALL BE RESURFACED WITHIN 5 CALENDAR DAYS.

LONGITUDINAL JOINT SEALANT WILL BE UTILIZED AT THE JOINT LINE OF ADJACENT LANES BETWEEN THE BINDER AND SURFACE LAYERS.

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-07	STANDARD SYMBOLS, ABBREVIATION, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF ROAD OPERATIONS 2L2W MORE THAN 15 FT FROM EOP
701006-05	OFF ROAD OPERATIONS 2L2W 15 FT TO EOP
701011-04	OFF ROAD MOVING OPERATIONS 2L2W DAY ONLY
701101-05	OFF ROAD MULTILANE 15 FT TO EOP
701106-02	OFF ROAD MULTILANE MORE THAN 15 FT FROM EOP
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701421-08	LANE CLOSURE MULTILANE DAY ONLY 45-55 MPH
701426-09	LANE CLOSURE MULTILANE INTERMITTANT OR MOVING OPERATION 45 MPH OR MORE
701501-06	URBAN LANE CLOSURE 2L2W UNDIVIDED
701701-10	URBAN LANE CLOSURE MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKINGS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	QUALITY MANAGEMENT
POLYMERIZED HMA SURFACE COURSE, MIX "D", N90 (2")	SBS PG 70-22	4.0% @ N=90	IL - 9.5	MIXTURE D	PFP
POLYMERIZED HMA BINDER COURSE, IL-9.5FG, N90 (1 3/4")	SBS PG 70-22	4.0% @ N=90	IL - 9.5FG	N/A	PFP
INCIDENTAL HOT-MIX ASPHALT SURFACING	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	QC/QA
CLASS "D" PAVEMENT PATCHING	PG 64-22	4.0% @ N=90	IL - 19.0	N/A	QC/QA

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

HOT MIX ASPHALT	112 LBS/SQ YD/IN
BITUMINOUS MATERIALS (TACK COAT)	
MILLED SURFACE BETWEEN HMA LIFTS	0.05 LBS/SQ FT
GRANULAR MATERIAL	0.025 LBS/SQ FT
	2.05 TONS/CU YD

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, STANDARDS, INDEX OF SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16, RS-2	MACON	45	2
CONTRACT NO. 74917			ILLINOIS FED. AID PROJECT	

80% / 20% = 80% FEDERAL / 20% STATE SPLIT

80% / 20% = 80% FEDERAL / 20% STATE SPLIT

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0005 80% / 20% RURAL	0005 80% / 20% URBAN
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	57	8	49
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	128902	54945	73957
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	327	125	202
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SO YD	459		459
40600990	TEMPORARY RAMP	SO YD	59	14	45
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	TON	18723	7977	10746
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	21398	9117	12281
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	652	256	396
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	183787	81275	102512
44000300	CURB REMOVAL	FOOT	722		722
44003100	MEDIAN REMOVAL	SO FT	553		553
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SO YD	5922		5922
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SO YD	364		364

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0005 80% / 20% RURAL	0005 80% / 20% URBAN
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SO YD	1014		1014
44201839	CLASS D PATCHES, TYPE II, 16 INCH	SO YD	1405	1405	
44201843	CLASS D PATCHES, TYPE III, 16 INCH	SO YD	32	32	
44201851	CLASS D PATCHES, TYPE II, 17 INCH	SO YD	1124	772	352
44201855	CLASS D PATCHES, TYPE III, 17 INCH	SO YD	16	16	
44201887	CLASS D PATCHES, TYPE II, 20 INCH	SO YD	104	104	
44201891	CLASS D PATCHES, TYPE III, 20 INCH	SO YD	32	32	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	6061	2665	3396
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	1		1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	3.6	2.4
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	6	3.6	2.4
67100100	MOBILIZATION	L SUM	1	0.6	0.4
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1		1
	701421				

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 PROJECT: 74917
 SHEET: 3 OF 3
 CONTRACT NO. 74917

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	3
CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0005 80% / 20% RURAL	0005 80% / 20% URBAN
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	0.6	0.4
	701201				
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	0.6	0.4
	701306				
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1		1
	701501				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1		1
	701701				
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	16.8	11.2
70300100	SHORT TERM PAVEMENT MARKING	FOOT	20580	8976	11604
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	4602	2015	2587
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	385		385
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	83826	67435	16391
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	73553		73553
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	732		732
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	42	30	12

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0005 80% / 20% RURAL	0005 80% / 20% URBAN
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	924	367	557
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SO YD	6016	2441	3575
X4060995	TEMPORARY RAMP, SPECIAL	SO YD	838	320	518
X6024503	INLETS TO BE ADJUSTED WITH NEW FRAME AND GRATE (SPECIAL)	EACH	1		1
X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SO FT	385		385
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	83826	67435	16391
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	73553		73553
X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	732		732
X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	42	30	12
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	72140	29304	42836
Z0042200	PORTLAND CEMENT CONCRETE PAVEMENT SURFACE REMOVAL	SO YD	6480		6480
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	9	6	3
Z0076600	TRAINEES	HOUR	1000	1000	
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000	1000	

* SPECIALTY ITEM ∅ 0042

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DEPARTMENT OF TRANSPORTATION**

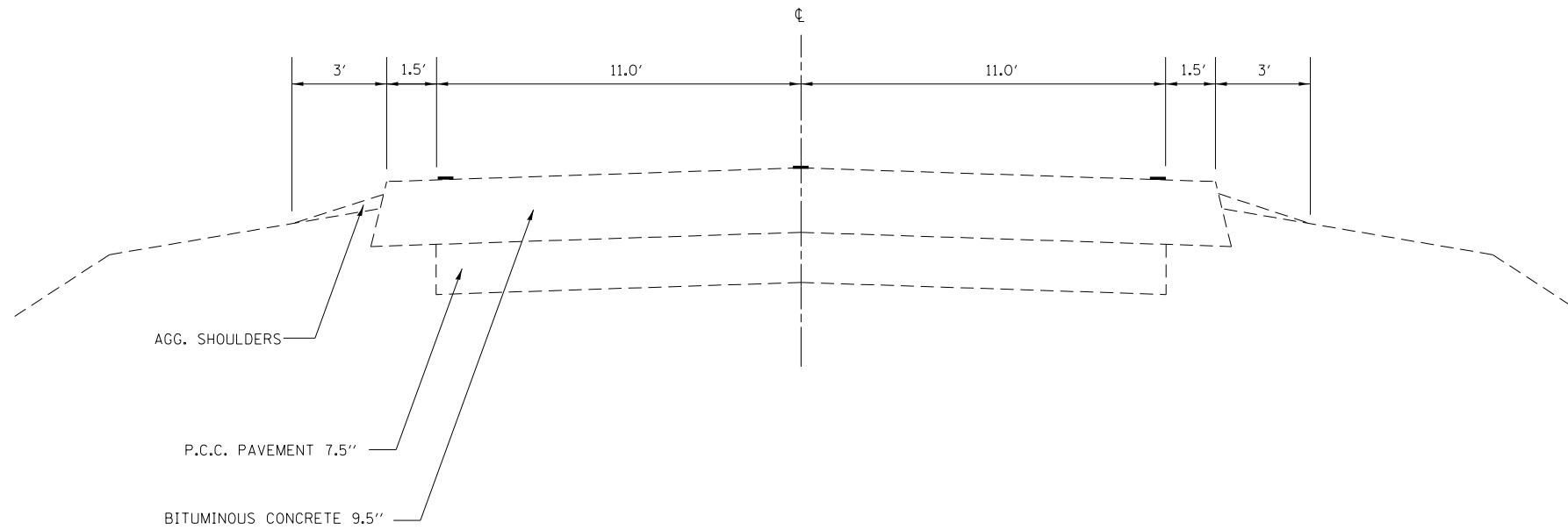
SUMMARY OF QUANTITIES

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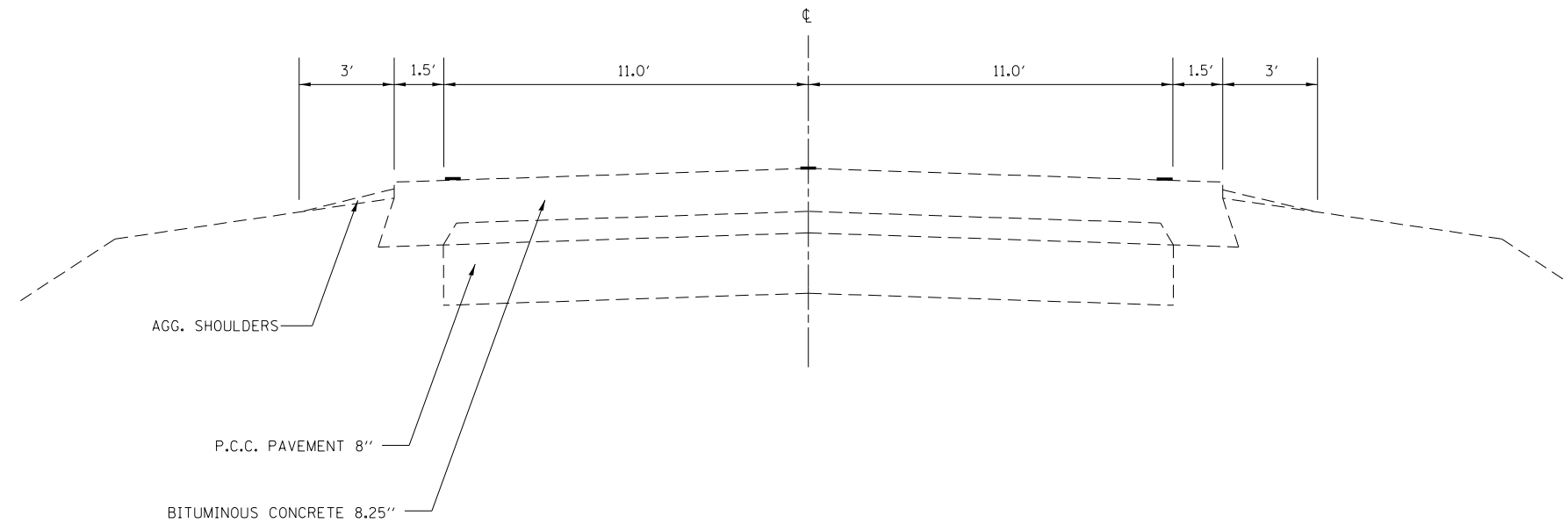
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7381	(13X), 14, 15, 16R5-2	MACON	45	4
CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTIONS

STA. 847+79.4 TO STA. 865+95



STA. 865+95 TO STA. 1058+57



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DEPARTMENT OF TRANSPORTATION**

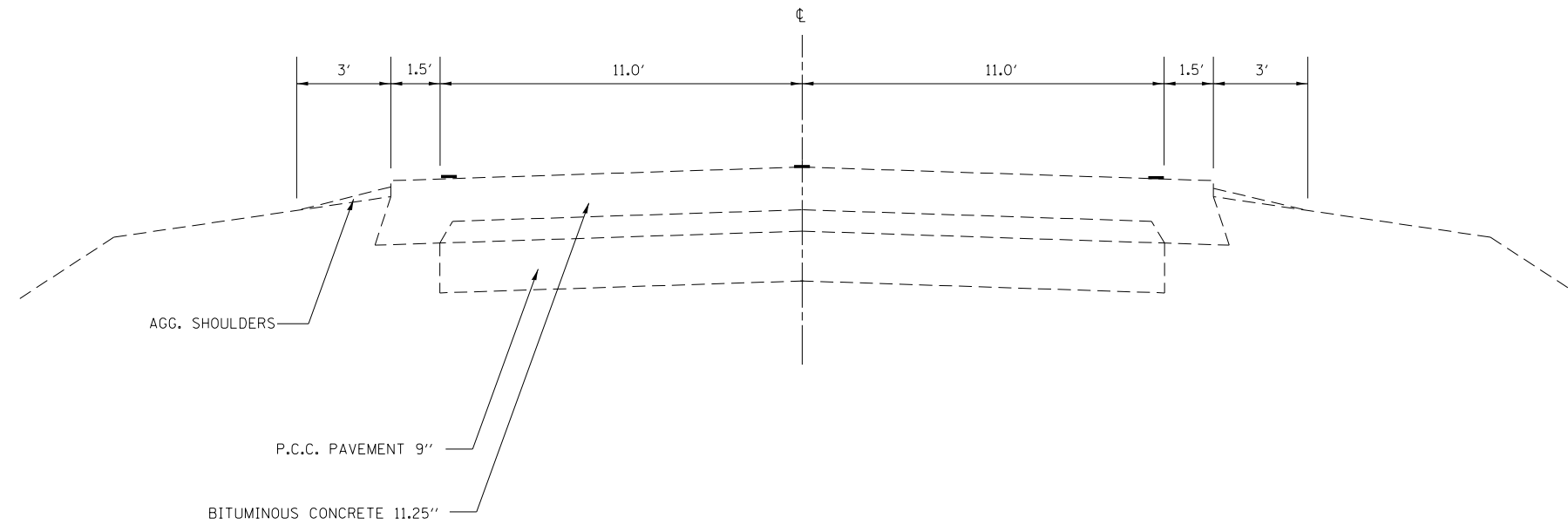
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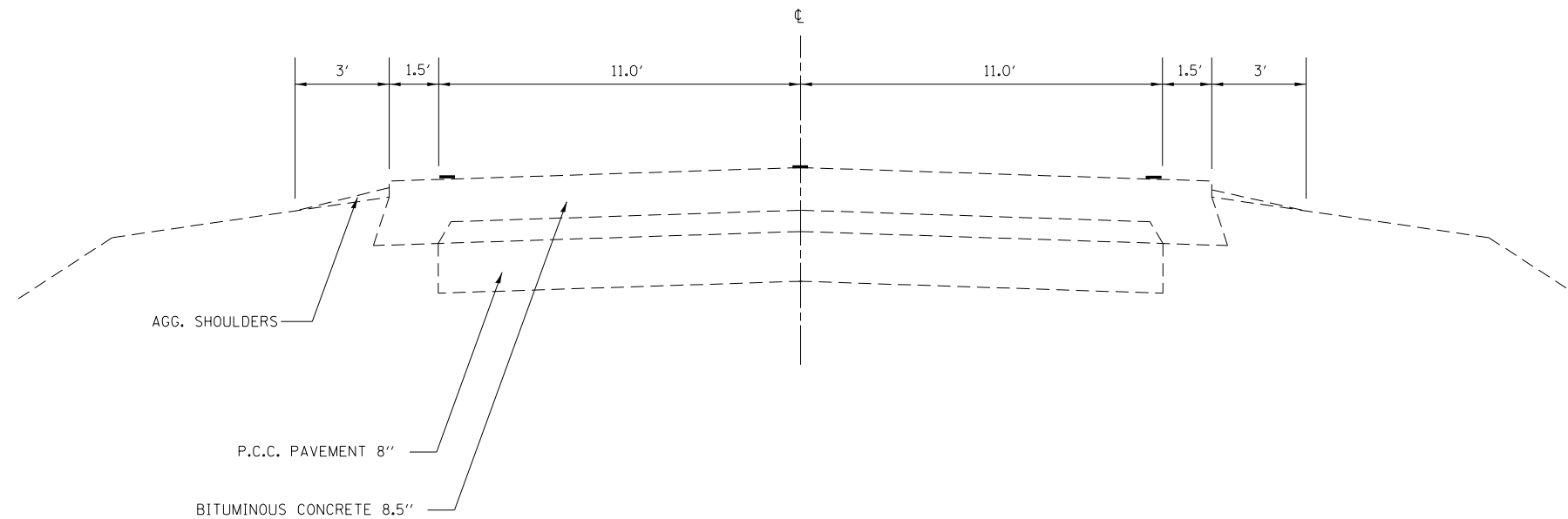
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7381	(13X), 14, 15, 16RS-2	MACON	45	5
CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTIONS

STA. 1058+57 TO STA. 1069+67.2



STA. 1069+67.2 TO STA. 1192+87 = STA. 51+00 (STA EQUATION)



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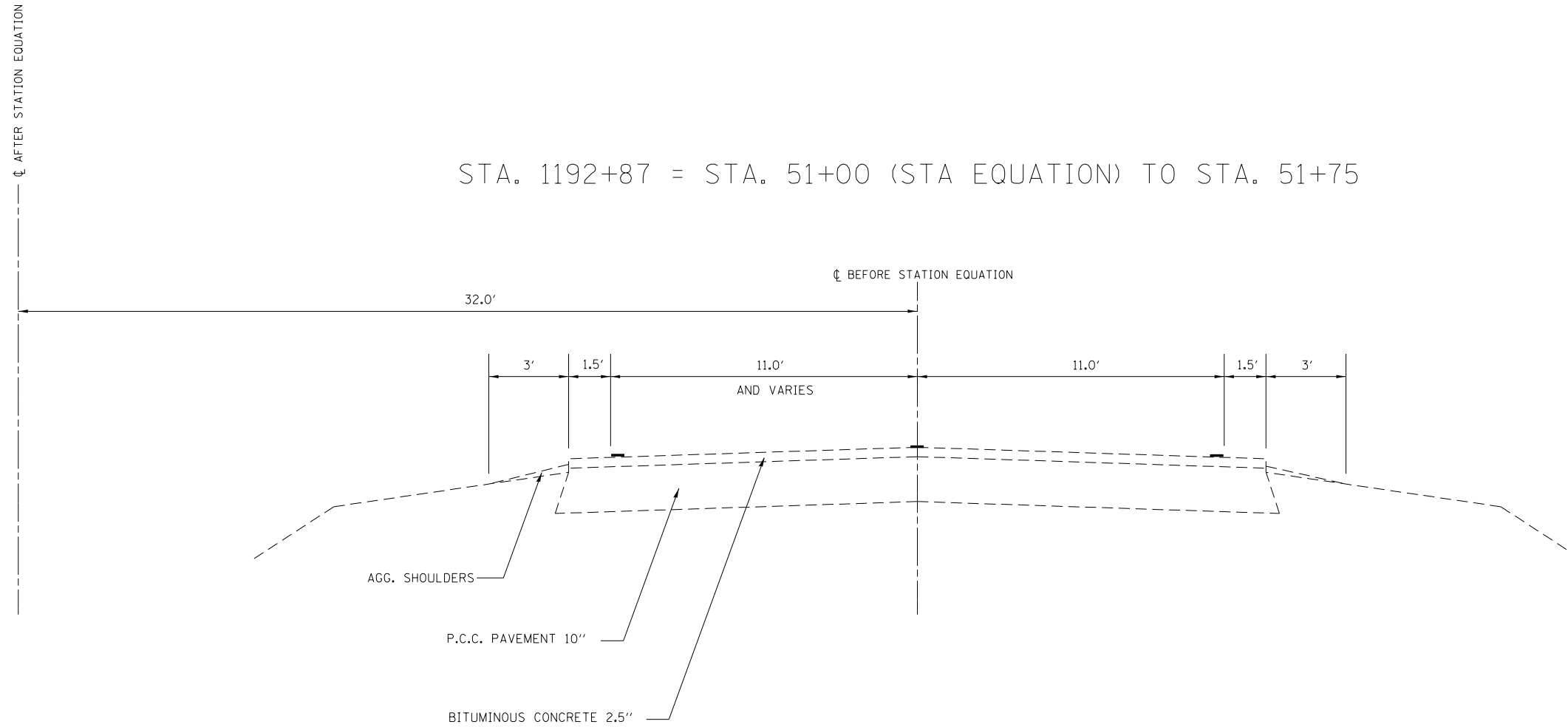
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7381	(13X), 14, 15, 16RS-2	MACON	45	6
CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTIONS

STA. 1192+87 = STA. 51+00 (STA EQUATION) TO STA. 51+75



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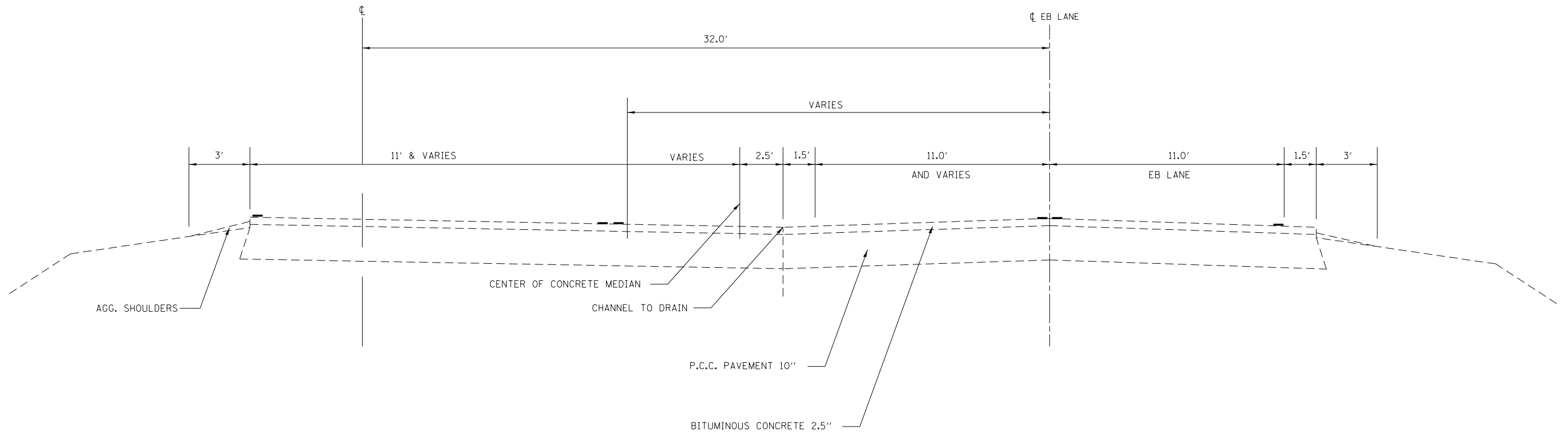
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS	
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7381	(13X), 14, 15, 16RS-2	MACON	45	7
CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTIONS

STA. 51+75 TO STA. 55+04



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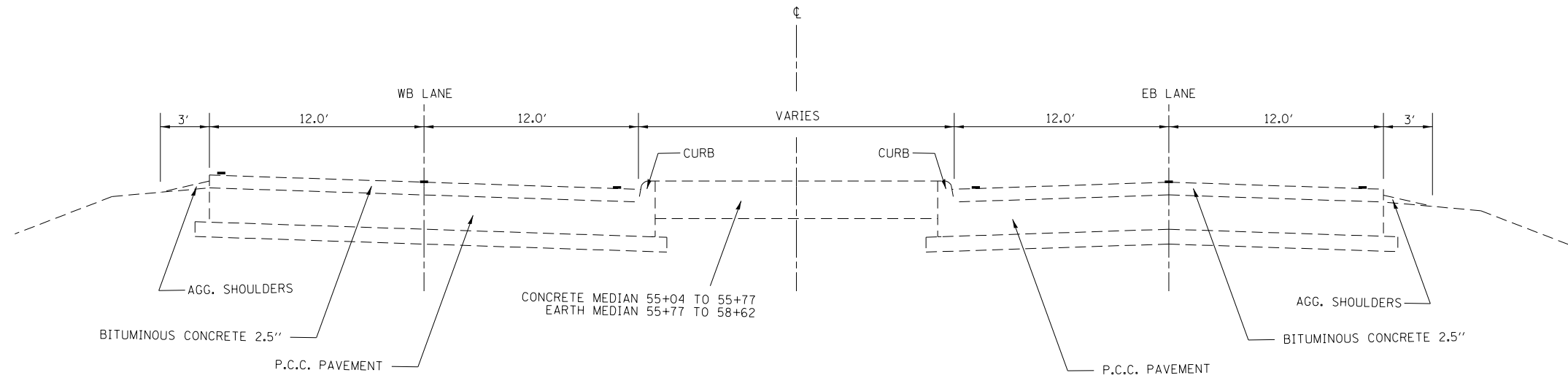
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 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS			
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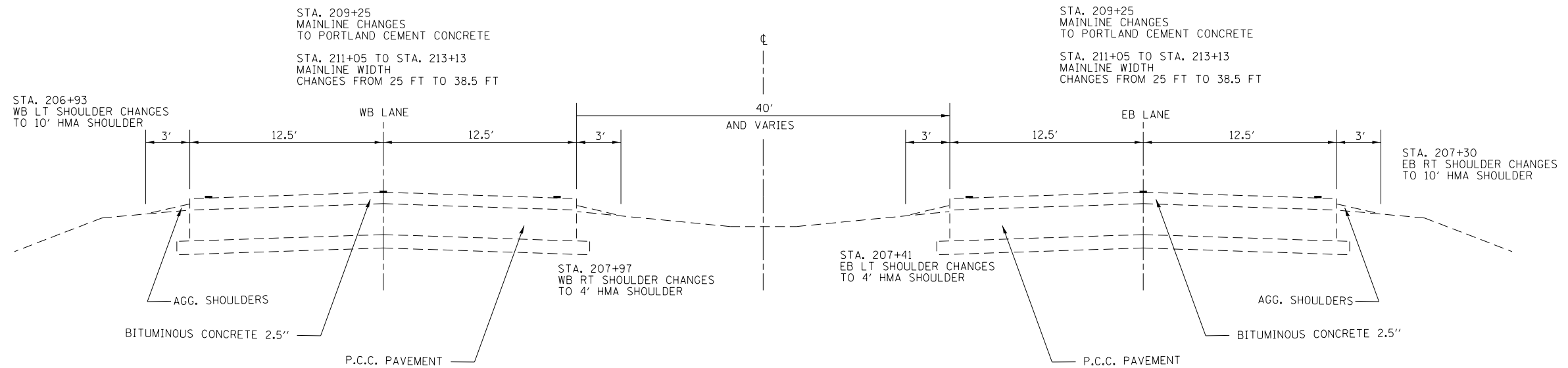
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7381	(13X), 14, 15, 16RS-2	MACON	45	8
				CONTRACT NO. 74917
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTIONS

STA. 54+05 TO STA. 58+62 (END OF CURB EB AND WB LANES)



STA. 58+62 TO STA. 216+34.2



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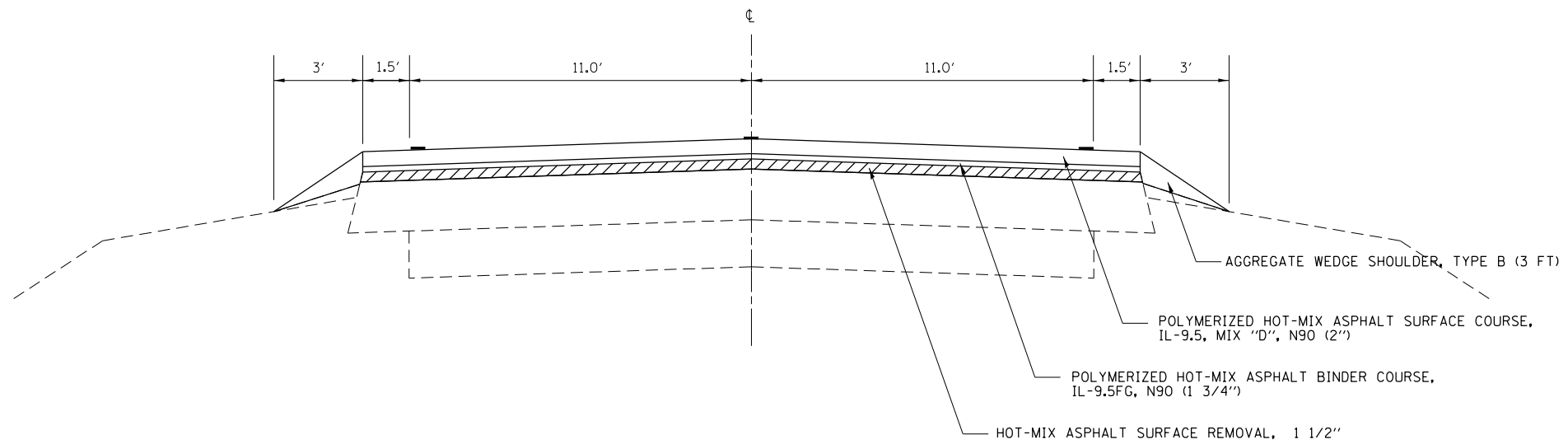
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DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS			
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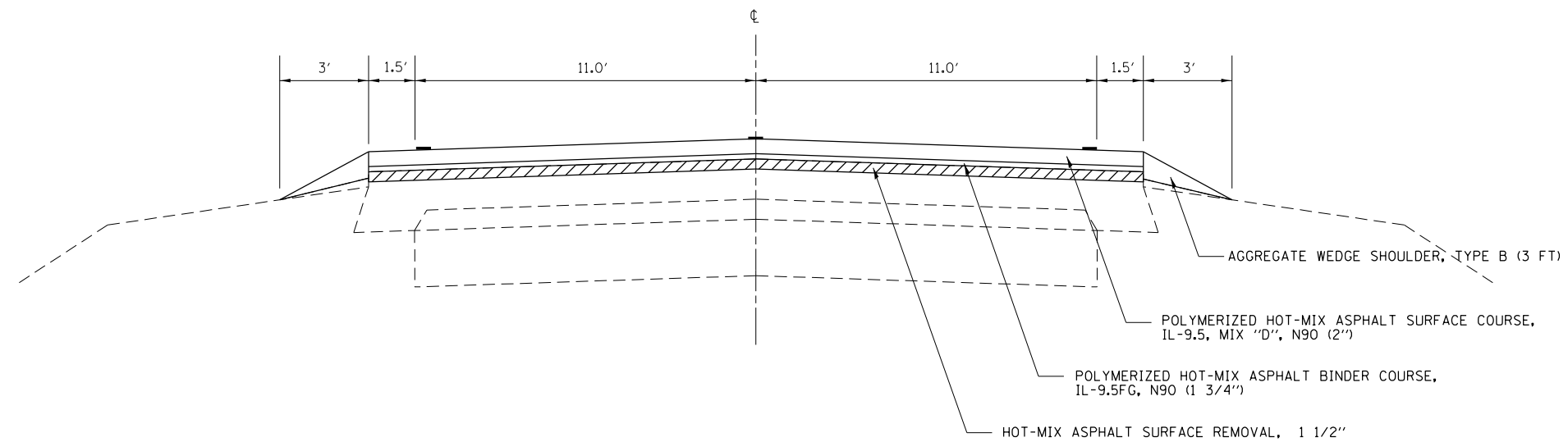
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CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				

PROPOSED TYPICAL CROSS SECTIONS

STA. 847+79.4 TO STA. 865+95



STA. 865+95 TO STA. 1058+57



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

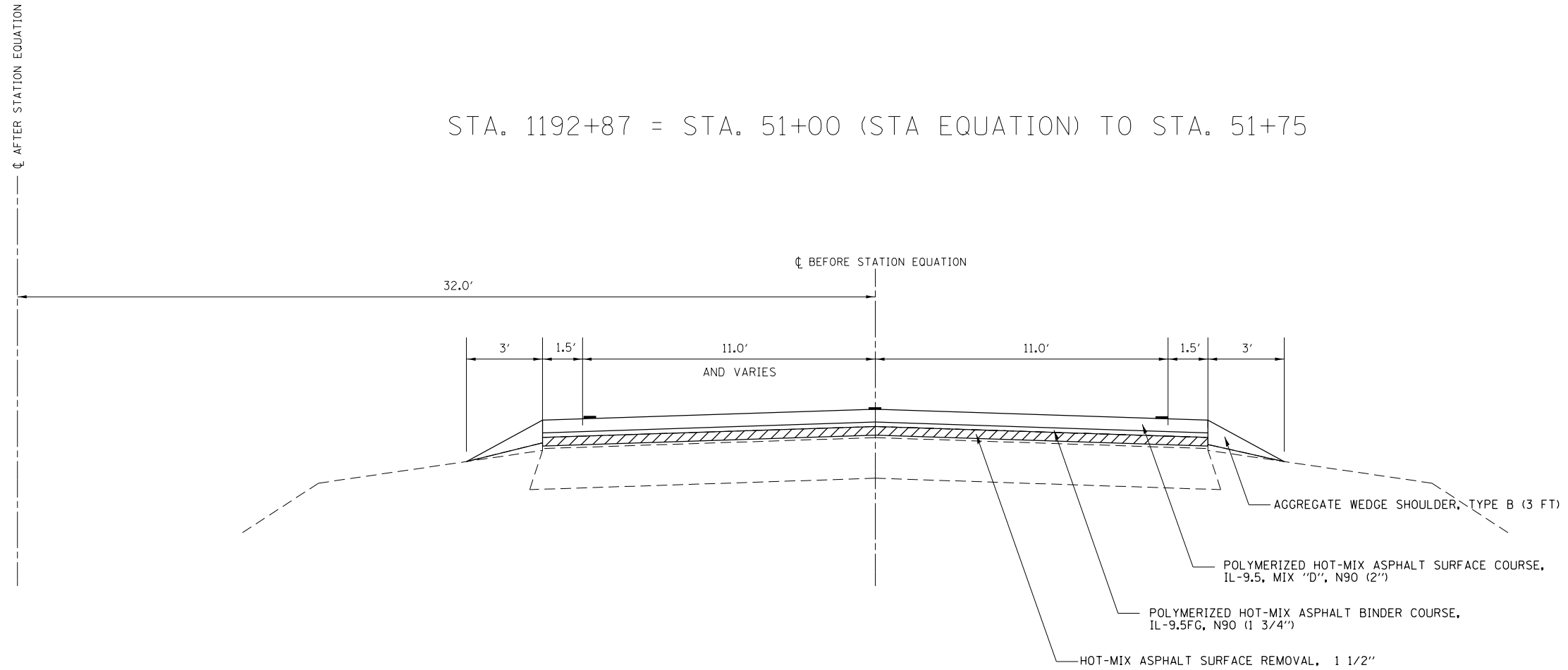
TYPICAL CROSS SECTIONS

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PROPOSED TYPICAL CROSS SECTIONS

STA. 1192+87 = STA. 51+00 (STA EQUATION) TO STA. 51+75



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**STATE OF ILLINOIS
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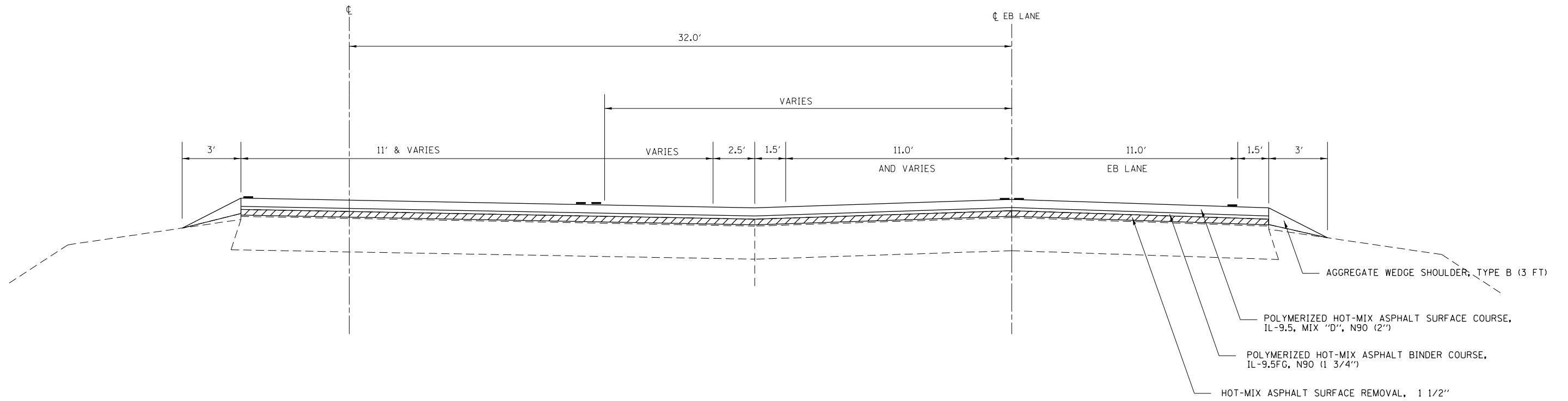
TYPICAL CROSS SECTIONS

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 74917				
		ILLINOIS	FED. AID PROJECT	

PROPOSED TYPICAL CROSS SECTIONS

STA. 51+75 TO STA. 55+04



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**STATE OF ILLINOIS
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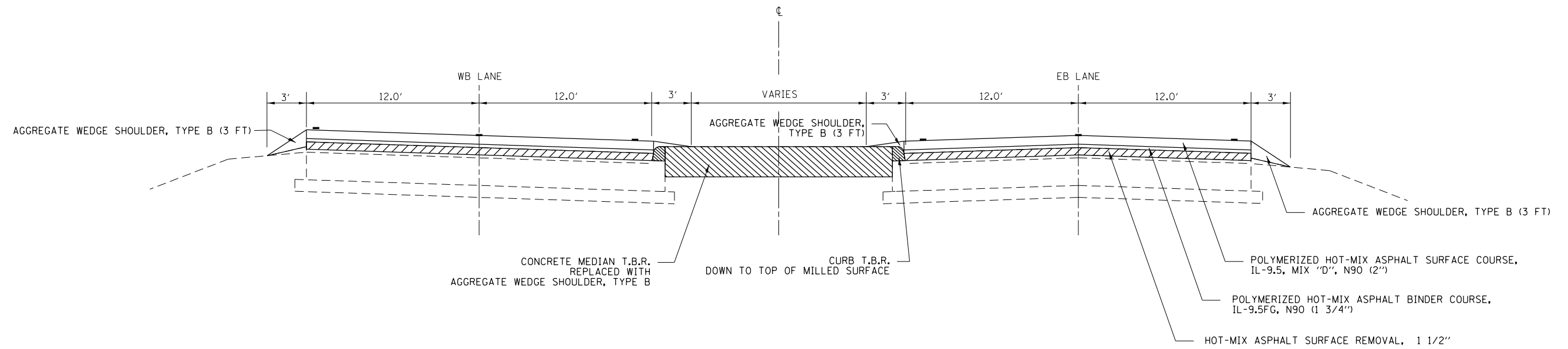
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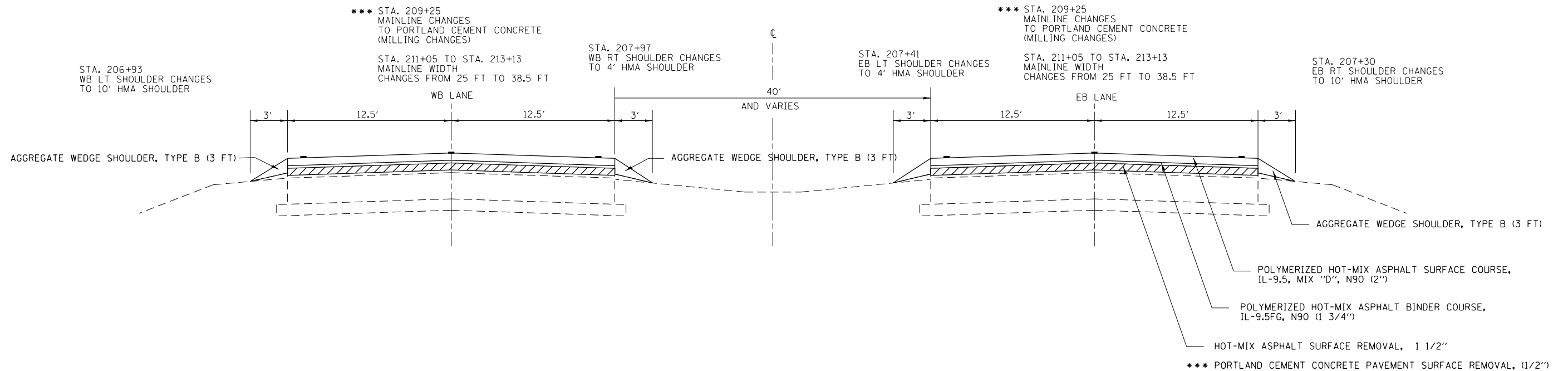
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CONTRACT NO. 74917				
		ILLINOIS	FED. AID PROJECT	

PROPOSED TYPICAL CROSS SECTIONS

STA. 54+05 TO STA. 58+62 (END OF CURB EB AND WB LANES)



STA. 58+62 TO STA. 216+34.2



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	DRAWN -	REVISED -
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PLOT DATE = 2/10/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	14
CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				

SURVEY MARKERS

POINT	STATIONING	OFFSET	NORTHING	EASTING	CODE	DESC.	PROPOSED	PROTECTING OR RESETTING SURVEY MARKERS	PERMANENT SURVEY MARKERS, TYPE 1
							PROTECT & PRESERVE	Z0049799	66700205
1000	+/- 900+29	6.0' LT.	1158387.880	741235.832	809	MAG NAIL FOUND	MAG NAIL	1	
1001	+/- 940+54	13.5' RT.	1158347.134	745255.231	821	1/2" IRON PIN FOUND IN ALUM. VAULT MR 1376303	VAULT	1	
1002	+/- 953+54	8.9' LT.	1158365.504	746558.374	809	MAG NAIL FOUND	MAG NAIL	1	
1003	+/- 1006+15	4.8' LT.	1158342.711	751817.084	809	PK NAIL FOUND MR 1702031	PK NAIL	1	
1004	+/- 1057+88	10.0' RT.	1158395.172	756992.418	821	3/4" IRON PIN FOUND IN ALUM. VAULT MR 1376301	VAULT	1	
1005	+/- 1114+09	0.0'	1158544.652	762598.162	760	2" BOLT FOUND IN ALUM. VAULT MR 1376302	VAULT	1	
RURAL 847+79 TO 1140+83 / URBAN 1140+83 TO 216+34.2									
STATION EQUATION 1192+87 = 51+00									
1007	+/- 182+40	0.0'	1158638.218	783600.265	818	PSM FOUND INSIDE ALUM. VAULT IN ASPHALT TURNAROUND	VAULT	1	
1008	198+41.22	0.0'	1158653.165	785200.676	818	POT PSM FOUND INSIDE ALUM. VAULT IN ASPHALT TURNAROUND	VAULT	1	
1009	213+02.52	54.66'	1158666.948	786661.910	821	P.I. IRON PIN FOUND W/ IDOT CAP +/- 1' LT. OF ASPHALT SHOULDER	IP	1	
1010	216+38.86	0.0'	1158465.784	786958.494	809	P.T. MAG NAIL FOUND IN ASPHALT SHOULDER	ALUM. IDOT DISC		1
TOTAL								9	1

BUTT JOINTS

STA.	LANE	LENGTH FT	WIDTH FT	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT SQ YD	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT SQ YD	NOTES
847+79.00		45.0	25.0	125		RURAL
216+34.2	WB	65.0	14.0	101		URBAN
216+34.3	WB	66.0	25.0		181	URBAN
216+34.2	EB	65.0	14.0	101		URBAN
216+34.3	EB	66.0	38.5		278	URBAN
TOTAL		RURAL		125	0	
TOTAL		URBAN		202	459	

AGG WEDGE SHOULDER (3 FT)

STA.	TO	STA.	LENGTH FT	WIDTH FT	QTY TON	NOTES
847+79.00		1140+83.00	29304.0	3.0	2783.9	RT EOP, LT EOP
RURAL 847+79 TO 1140+83 / URBAN 1140+83 TO 216+34.2						
1140+83.00		1192+87.00	5204.0	3.0	494.4	RT EOP, LT EOP
STATION EQUATION 1192+87 = 51+00						
51+00.00		55+02.00	402.0	3.0	38.2	RT EOP, LT EOP
STATION 55+02 ROADWAY GOES FROM 2W2L TO 2W4L						
55+02		55+77			42.0	MEDIAN REPLACEMENT
EB LANE						
55+02.00		207+41.00	15239.0	3.0	1447.7	MEDIAN EOP, RT EOP
207+41.00		209+25.00	184.0	3.0	17.5	MEDIAN EOP
WB LANE						
55+02.00		207+97.50	15295.5	3.0	1453.1	MEDIAN EOP, LT EOP
207+97.50		209+08.00	110.5	3.0	10.5	MEDIAN EOP
DEDUCTIONS			RURAL	DEDUCTION	119	
			URBAN	DEDUCTION	108	
AFTER DEDUCTIONS TOTALS			RURAL	TOTAL	2665	
			URBAN	TOTAL	3396	

REMOVAL ITEMS

LANE	STA.	TO	STA.	CURB REMOVAL	MEDIAN REMOVAL	NOTES
				44000300	44003100	
				QTY FT	QTY SQ FT	
EB	55+02		58+63	361		URBAN
WB	55+02		58+63	361		URBAN
MEDIAN	55+02		55+77		553	URBAN
TOTAL				722	553	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	16
CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				

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AGG SURFACE

							AGGREGATE SURFACE COURSE, TYPE B		NOTES
							40200800		
LOCATION TYPE	STA.	RT/LT	WIDTH FRONT FT	WIDTH BACK FT	DEPTH FT	AREA SQ YD	QTY TON		
FE	915+64.00	RT	30.0	30.0	10.0	30	3.6		
FE	1136+26.00	LT	34.0	22.0	10.0	32	3.9		
RURAL 847+79 TO 1140+83 / URBAN 1140+83 TO 216+34.2									
RURAL TOTAL							8		
STA. EQ. 1192+87 = 51+00									
FE	51+28.00	LT	32.0	24.0	10.0	31	3.8		
X-OVER	129+86.00	MEDIAN	45.0	19.0	40.0	69	9.8	USING 2.5" INSTEAD OF 2.25" FOR DROP AT CENTER	
X-OVER	142+86.00	MEDIAN	45.0	15.0	40.0	67	9.5	USING 2.5" INSTEAD OF 2.25" FOR DROP AT CENTER	
X-OVER	156+14.00	MEDIAN	40.0	15.0	40.0	67	9.5	USING 2.5" INSTEAD OF 2.25" FOR DROP AT CENTER	
X-OVER	203+94.00	MEDIAN	43.0	18.0	40.0	113	16.1	USING 2.5" INSTEAD OF 2.25" FOR DROP AT CENTER	
URBAN TOTAL							49		

RPM

					RPM INSTALLATION		NOTES
					78100100		
STA.	TO	STA.	LENGTH	QTY/FT	EACH		
847+79.00		1140+83.00	29304.0	1/80	367	AMBER	
RURAL 847+79 TO 1140+83 / URBAN 1140+83 TO 216+34.2							
1140+83.00		1192+87.00	5204.0	1/80	66	AMBER	
STATION EQUATION 1192+87 = 51+00							
51+00.00		52+08.00	108.0	1/80	2	AMBER	
52+08.00		55+02.00	294.0	2/40	16	AMBER	
52+08.00		55+02.00	294.0	1/20	15	EOP (LT) CRYSTAL	
STATION 55+02 ROADWAY GOES FROM 2W2L TO 2W4L							
EASTBOUND LANES							
55+02.00		55+32.00	30.0	1/40	1	AMBER	
55+32.00		200+91.00	14559.0	1/80	182	AMBER	
213+13.00		216+34.20	321.2	1/40	9	AMBER	
WEST BOUND LANES							
58+48.00		216+34.20	15786.2	1/80	198	AMBER	
55+02.00		66+50.00	1148.0	1/20	58	EOP (LT) CRYSTAL	
182+56.00		184+21.00	165.0	1/40	5	TURN LANE DIVIDER CRYSTAL	
198+66.00		200+34.00	168.0	1/40	5	TURN LANE DIVIDER CRYSTAL	
TOTAL					RURAL	367	
TOTAL					URBAN	557	

TEMP RAMPS

							TEMPORARY RAMP, SPECIAL	TEMPORARY RAMP	
							X4060995	40600990	
			WIDTH FRONT	RISE FRONT	WIDTH BACK	DROP BACK	QTY SQ YD	QTY SQ YD	
BUTT	MAIN	847+79.00	25	1.5	----	----		13.9	
PRA	LT	900+33.00	65.0	2.25	22.0	1.5	19.3		
PRA	RT	900+33.00	63.0	2.25	24.0	1.5	19.3		
PD	RT	952+07.00	66.0	2.25	47.0	1.5	25.1		
PRA	LT	966+88.00	76.0	2.25	23.0	1.5	22.0		
PRA	RT	966+79.00	45.0	2.25	21.0	1.5	14.7		
PD	RT	981+01.00	85.0	2.25	18.0	1.5	22.9		
PD	LT	981+21.00	25.0	2.25	19.0	1.5	9.8		
PD	LT	982+37.00	20.0	2.25	12.0	1.5	7.1		
PRA	LT	1006+11.00	90.0	2.25	32.0	1.5	27.1		
PD	RT	1006+11.00	30.0	2.25	21.0	1.5	11.3		
PRA	RT	1019+06.00	95.0	2.25	26.0	1.5	26.9		
PRA	RT	1044+94.00	40.0	2.25	20.0	1.5	13.3		
PRA	LT	1057+68.00	56.0	2.25	19.0	1.5	16.7		
PD	RT	1097+23.00	75.0	2.25	25.0	1.5	22.2		
PD	RT	1099+91.00	90.0	2.25	22.0	1.5	24.9		
PRA	RT	1114+06.00	50.0	2.25	17.0	1.5	14.9		
PD	LT	1138+15.00	25.0	2.25	16.0	1.5	9.1		
PD	RT	1138+79.00	60.0	2.25	0.0	1.5	13.3		
RURAL 847+79 TO 1140+83 / URBAN 1140+83 TO 216+34.2									
PD	RT	1153+40.00	85.0	2.25	25.0	1.5	24.4		
PD	LT	1153+81.00	30.0	2.25	15.0	1.5	10.0		
PD	LT	1165+06.00	66.0	2.25	40.0	1.5	23.6		
PD	LT	1166+22.00	58.0	2.25	43.0	1.5	22.4		
PRA	LT	1166+93.00	70.0	2.25	29.0	1.5	22.0		
PRA	RT	1166+93.00	70.0	2.25	22.0	1.5	20.4		
CE	LT	1170+21.00	36.0	2.25	30.0	1.5	14.7		
CE	RT	1171+03.00	35.0	2.25	16.0	1.5	11.3		
CE	LT	1173+03.00	55.0	2.25	35.0	1.5	20.0		
STA. EQ. 1192+87 = 51+00									
PRA	EB RT	78+00.00	110.0	2.25	90.0	1.5	44.4		
PRA	WB LT	78+00.00	110.0	2.25	90.0	1.5	44.4		
PRA	EB RT	182+20.00	100.0	2.25	29.0	1.5	28.7		
PRA	WB LT	182+20.00	100.0	2.25	36.0	1.5	30.2		
PD	WB LT	194+88.00	58.0	2.25	18.0	1.5	16.9		
PRA	EB RT	198+36.00	95.0	2.25	22.0	1.5	26.0		
BUTT	EB MAIN	216+34.20	30.0	2.0				22.2	
BUTT	WB MAIN	216+34.20	30.0	2.0				22.2	
TYPE	LT/RT	STA.	WIDTH (WB EOP)	RISE (FRONT)	WIDTH (EB EOP)	RISE (FRONT)	QTY SQ YD		
X-OVER	MEDIAN	62+16.00	85.0	2.25	85.0	2.25	37.8		
X-OVER	MEDIAN	78+00.00	120.0	2.25	120.0	2.25	53.3		
X-OVER	MEDIAN	182+20.00	100.0	2.25	64.0	2.25	36.4		
X-OVER	MEDIAN	198+36.00	100.0	2.25	38.0	2.25	30.7		
TOTAL							RURAL	320	14
TOTAL							URBAN	518	45

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PLOT DATE = 2/10/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	17
CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				

RURAL PAVEMENT MARKING

STA.	•	STA.	LENGTH FT	APPLICATIONS OR REMOVALS	78000200	78000400	78000600	78000650	X7830070	X7830074	X7830078	X7830090	70300100	70300150	NOTES
					QTY FT	QTY FT	QTY FT	QTY FT	QTY FT	QTY FT	QTY FT	QTY FT	QTY FT	QTY SQ FT	
847+79.00		1140+83.00	29304.0	1	7330				7330						SKIPS YELLOW
847+79.00		1140+83.00	29304.0	1	58608				58608						EOP LT/RT WHITE
885+93.00		894+45.00	852.0	1	852				852						NPZ YELLOW
895+20.00		901+65.00	645.0	1	645				645						NPZ YELLOW
847+79.00		1140+83.00	29304.0	3									8796		SKIPS YELLOW
1006+11.00	LT		14.0	2									84		12" STOP BAR WHITE (3 LINE OF 4")
1019+06.00	RT		16.0	2									96		12" STOP BAR WHITE (3 LINE OF 4")
847+79.00		1140+83.00	29304.0	2										1955	SKIPS YELLOW
1006+11.00	LT		14.0	2										28	12" STOP BAR WHITE (3 LINE OF 4")
1019+06.00	RT		16.0	2										32	12" STOP BAR WHITE (3 LINE OF 4")
1006+11.00	LT		14.0	1				14				14			24" STOP BAR WHITE
1019+06.00	RT		16.0	1				16				16			24" STOP BAR WHITE
TOTAL				RURAL	67435	0	0	30	67435	0	0	30	8976	2015	

RURAL 847+79 TO 1140+83 / URBAN 1140+83 TO 216+34.2

PAVEMENT SYMBOLS

LOCATION	TYPE	OCCURANCES	78000100	78000600
			QTY SQ FT	QTY SQ FT
VARIOUS	LT/RT ARROW	14	218.4	218.4
VARIOUS	LANE DROP ARROW	4	166.0	166
	URBAN	TOTAL	385	385

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	19
CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				

URBAN PAVEMENT MARKING

RURAL 847+79 TO 1140+83 / URBAN 1140+83 TO 216+34.2

STA.	•	STA.	LENGTH FT	APPLICATIONS OR REMOVALS	78000200	78000400	78000600	78000650	X7830070	X7830074	X7830078	X7830090	70300100	70300150	NOTES	
					QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY		
					FT	FT	FT	FT	FT	FT	FT	FT	FT	SO FT		
1140+83.00		1191+66.00	5083.0	1	1280				1280						SKIPS YELLOW	
1140+83.00		1192+87.00	5204.0	1	10408				10408						EOP LT/RT WHITE	
1150+48.00		1159+99.00	951.0	1	951				951						NPZ YELLOW	
1161+69.00		1171+44.00	975.0	1	975				975						NPZ YELLOW	
1188+87.00		1191+66.00	279.0	1	279				279						NPZ YELLOW	
1191+66.00		1192+87.00	121.0	1	242				242						DBL NPZ (NO SKIPS) YELLOW	
1140+83.00		1192+87.00	5204.0	3									1572		SKIPS YELLOW	
1166+93.00	RT		12.0	2									72		12" STOP BAR WHITE (3 LINE OF 4")	
1140+83.00		1192+87.00	5204.0	2										349	SKIPS YELLOW	
1166+93.00	RT		12.0	2										24	12" STOP BAR WHITE (3 LINE OF 4")	
1166+93.00	RT		12.0	1				12				12			24" STOP BAR WHITE	
STATION EQUATION 1192+87 = 51+00																
51+00.00		55+02.00	402.0	1	804				804						EOP LT/RT WHITE	
51+00.00		52+08.00	108.0	1	216				216						DBL NPZ (NO SKIPS) YELLOW	
52+08.00		55+02.00	294.0	1	1176				1176						2X DBL NPZ (NO SKIPS) YELLOW	
51+00.00		55+02.00	402.0	3									132		SKIPS YELLOW	
51+00.00		55+02.00	402.0	2										29	SKIPS YELLOW	
53+00.00		56+00.00	-----	1			147				147					
STATION 55+02 ROADWAY GOES FROM 2W2L TO 2W4L																
EASTBOUND LANES																
55+47.00		200+91.00	14544.0	1		3640				3640					SKIPS WHITE	
55+02.00		202+14.00	14712.0	1		14712				14712					EOP YELLOW	
202+14.00		216+34.20	1420.2	1		2840				2840					EOP YELLOW DBL	
55+02.00		216+34.20	16132.2	1		16132				16132					EOP WHITE	
211+05.00		213+13.00	208.0	1		52				52					LANE LINE EXTENSION WHITE	
213+13.00		216+34.20	321.2	1		321				321					TURN LANE DIVIDER WHITE	
55+02.00		55+32.00	30.0	1	60				60						DBL NPZ (NO SKIPS) YELLOW	
55+02.00		200+91.00	14589.0	3									4380		SKIPS WHITE	
207+30.00		216+34.20	904.2	3									240		EOP WHITE (EACH SIDE)	
213+13.00		216+34.20	321.2	3									108		TURN LANE DIVIDER WHITE	
55+02.00		200+91.00	14589.0	2										973	SKIPS WHITE	
207+30.00		216+34.20	904.2	2										53	EOP WHITE (EACH SIDE)	
213+13.00		216+34.20	321.2	2										24	TURN LANE DIVIDER WHITE	
203+50.00		216+34.20	-----	1			585				585					
WEST BOUND LANES																
58+48.00		216+34.20	15786.2	1		3950				3950					SKIPS WHITE	
58+48.00		216+34.20	15786.2	1		15786				15786					EOP YELLOW	
58+48.00		216+34.20	15786.2	1		15786				15786					EOP WHITE	
182+56.00		184+21.00	165.0	1		165				165					TURN LANE DIVIDER WHITE	
198+66.00		200+34.00	168.0	1		168				168					TURN LANE DIVIDER WHITE	
58+48.00		216+34.20	15786.2	3									4740		SKIPS WHITE	
182+56.00		184+21.00	165.0	3									60		TURN LANE DIVIDER WHITE	
198+66.00		200+34.00	168.0	3									60		TURN LANE DIVIDER WHITE	
206+93.50		216+34.20	940.7	3									240		EOP WHITE (EACH SIDE)	
58+48.00		216+34.20	15786.2	2										1053	SKIPS WHITE	
182+56.00		184+21.00	165.0	2										13	TURN LANE DIVIDER WHITE	
198+66.00		200+34.00	168.0	2										13	TURN LANE DIVIDER WHITE	
206+93.50		216+34.20	940.7	2										53	EOP WHITE (EACH SIDE)	
TOTAL					URBAN	16391	73553	732	12	16391	73553	732	12	11604	2587	

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	DRAWN -	REVISED -
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PLOT DATE = 2/10/2020	DATE -	REVISED -

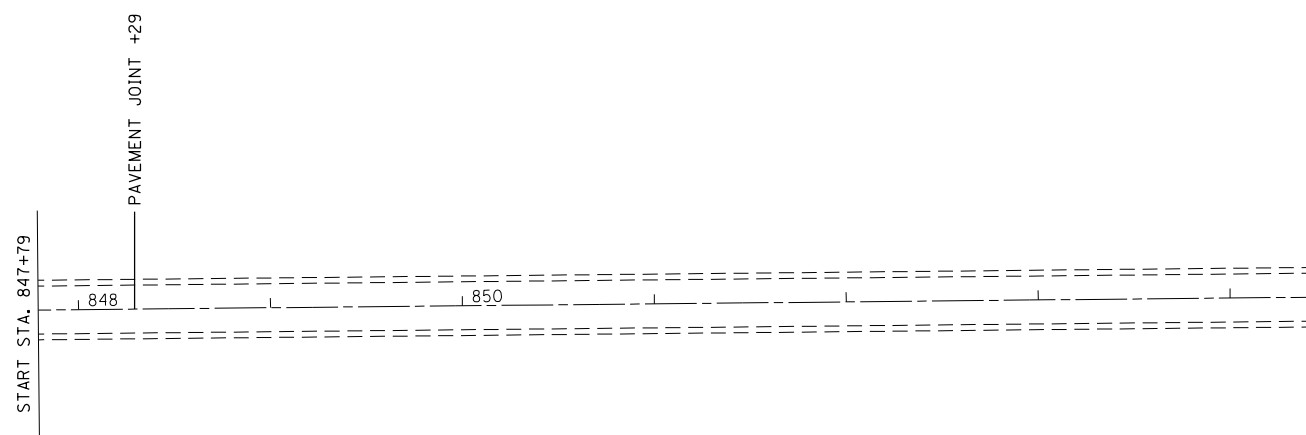
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	20
CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				



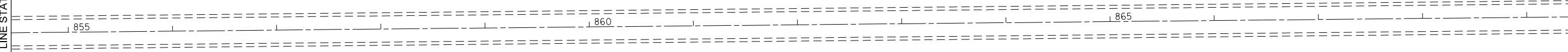
MATCH LINE STATION 854+45



START STA. 847+79

MATCH LINE STATION 869+45

MATCH LINE STATION 854+45



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	DRAWN -	REVISED -
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PLOT DATE = 2/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET OLD 36

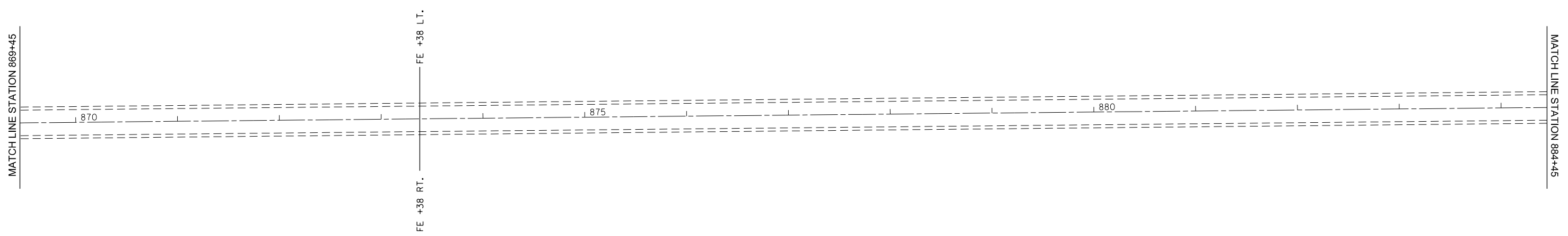
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74917	



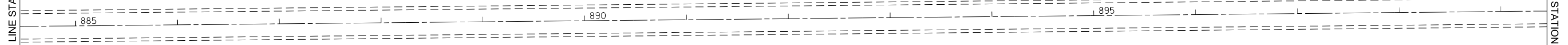
MATCH LINE STATION 869+45

MATCH LINE STATION 884+45



MATCH LINE STATION 884+45

MATCH LINE STATION 899+45



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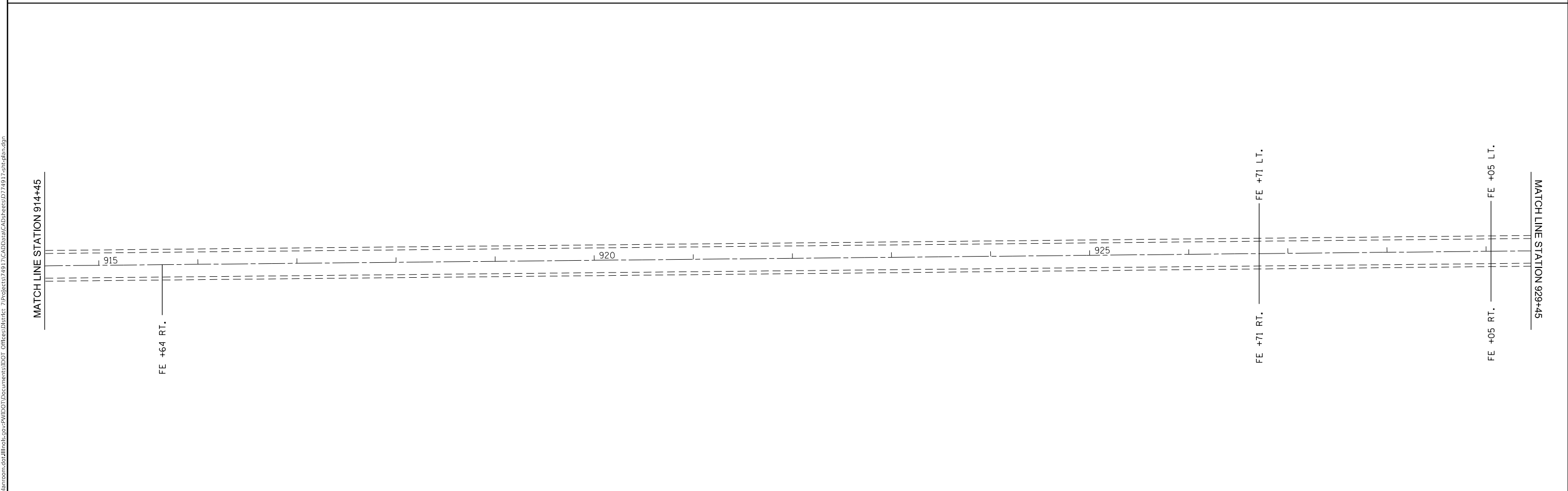
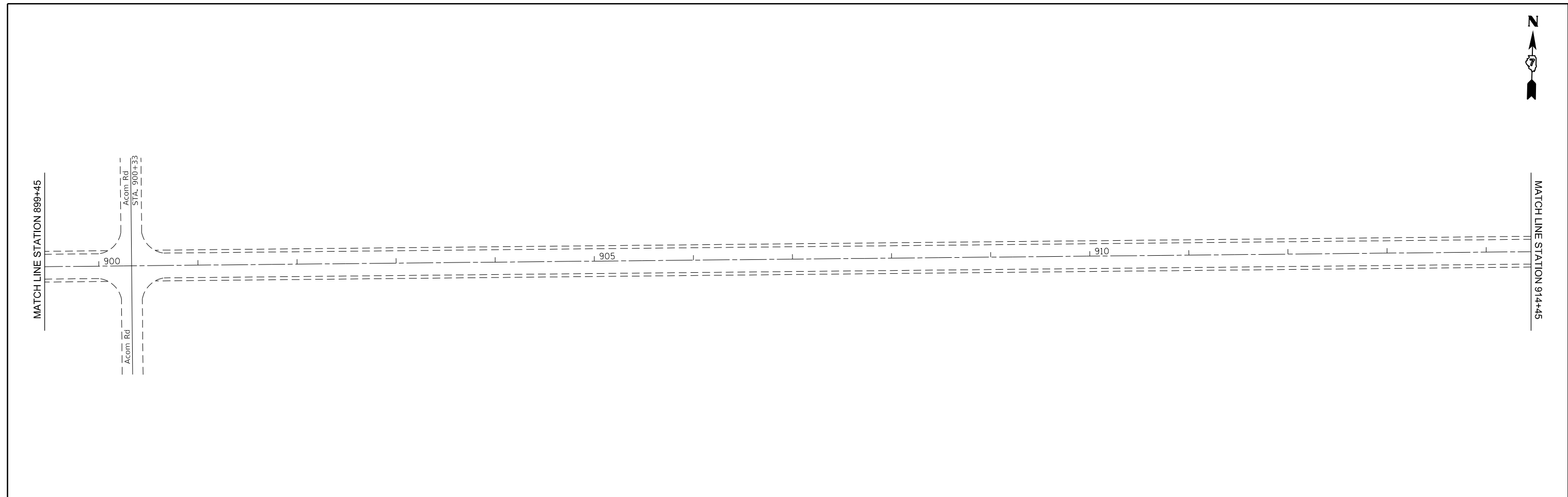
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PLOT DATE = 2/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET OLD 36

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	22
CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				



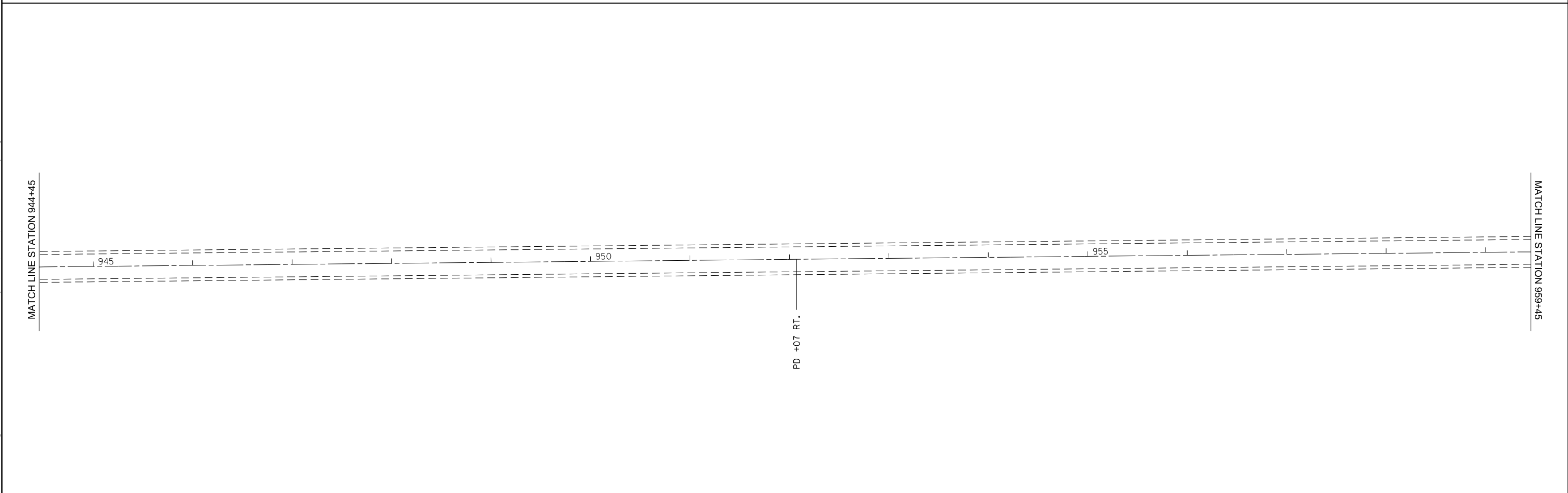
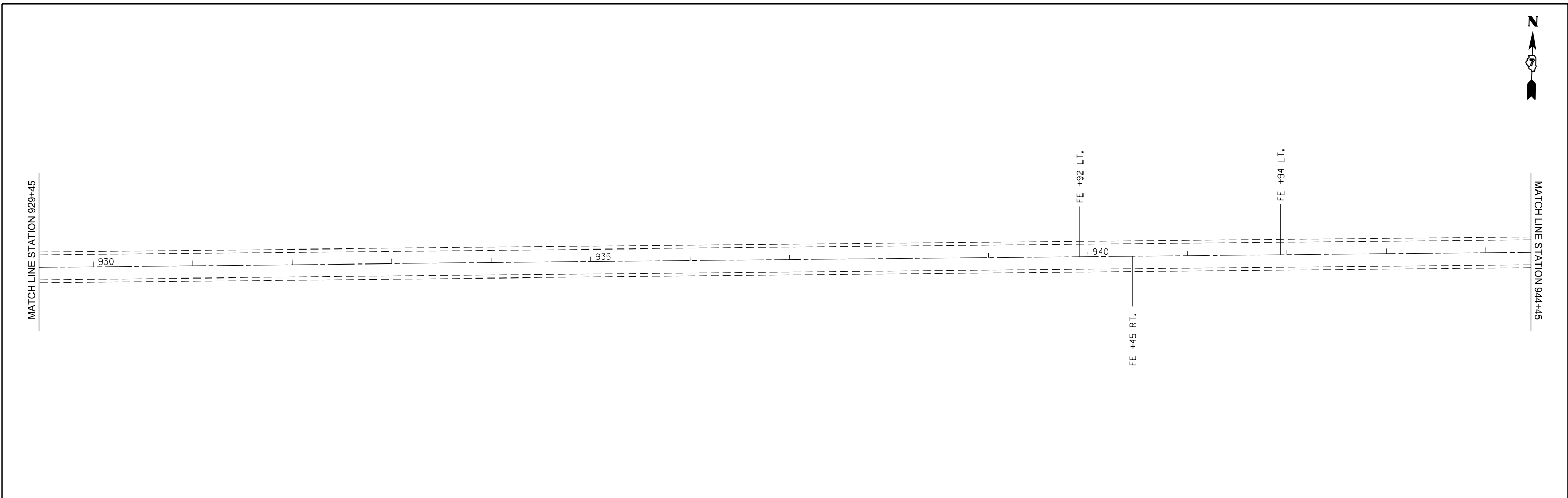
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PLOT DATE = 2/10/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET OLD 36
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	23
CONTRACT NO. 74917				
		ILLINOIS	FED. AID PROJECT	



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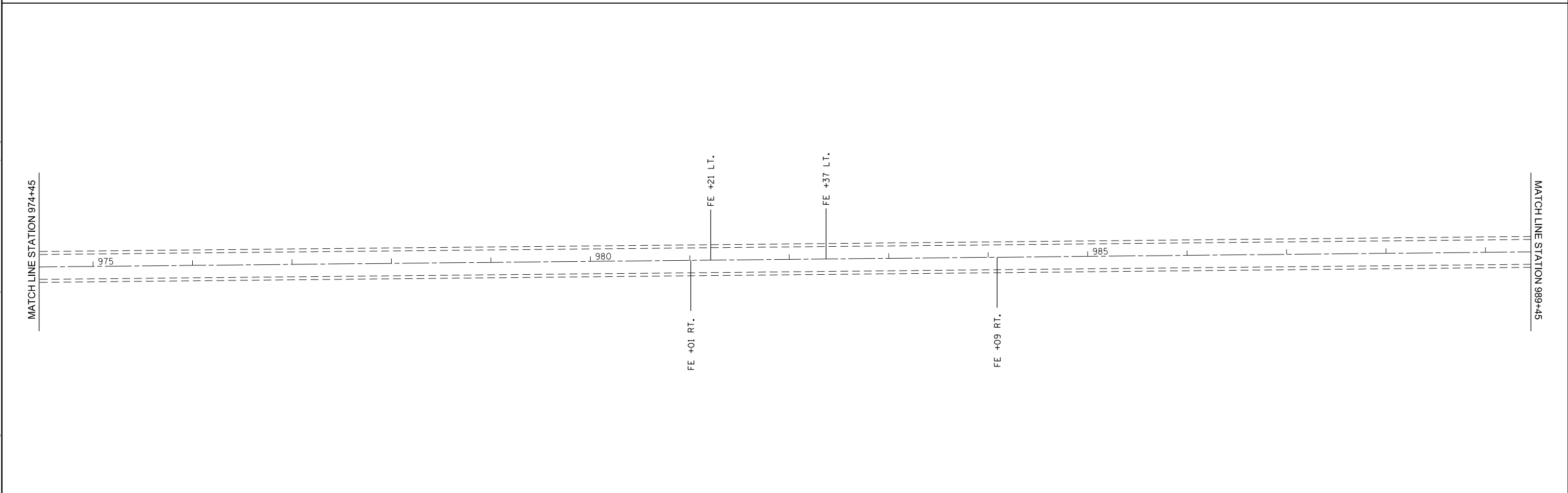
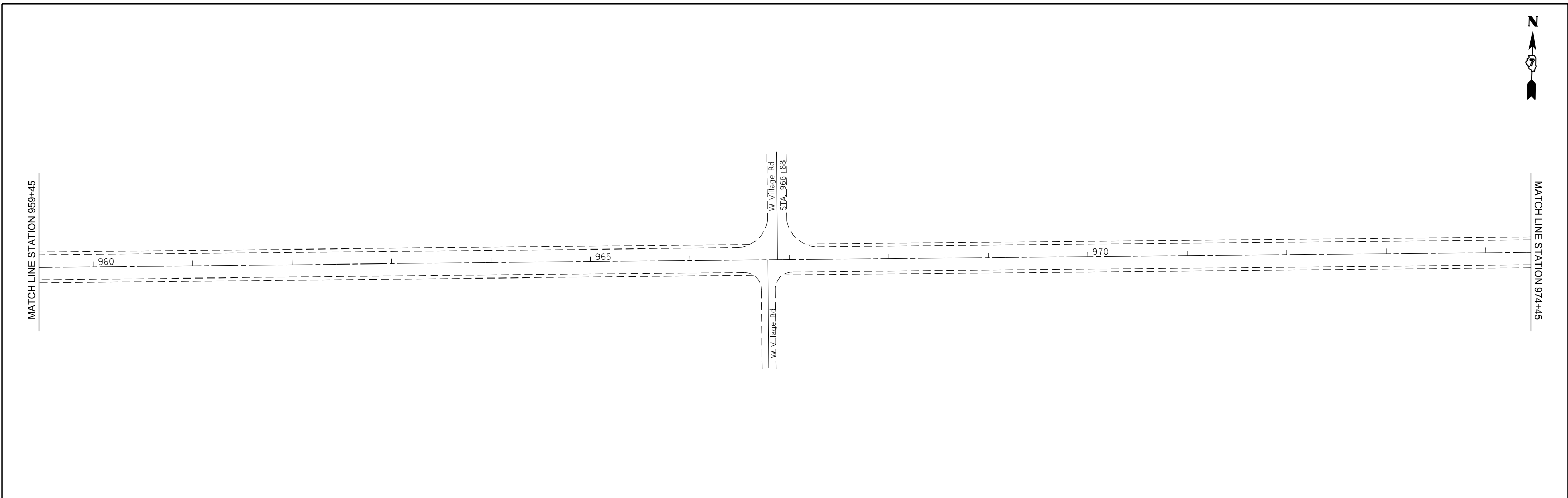
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET OLD 36

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74917	



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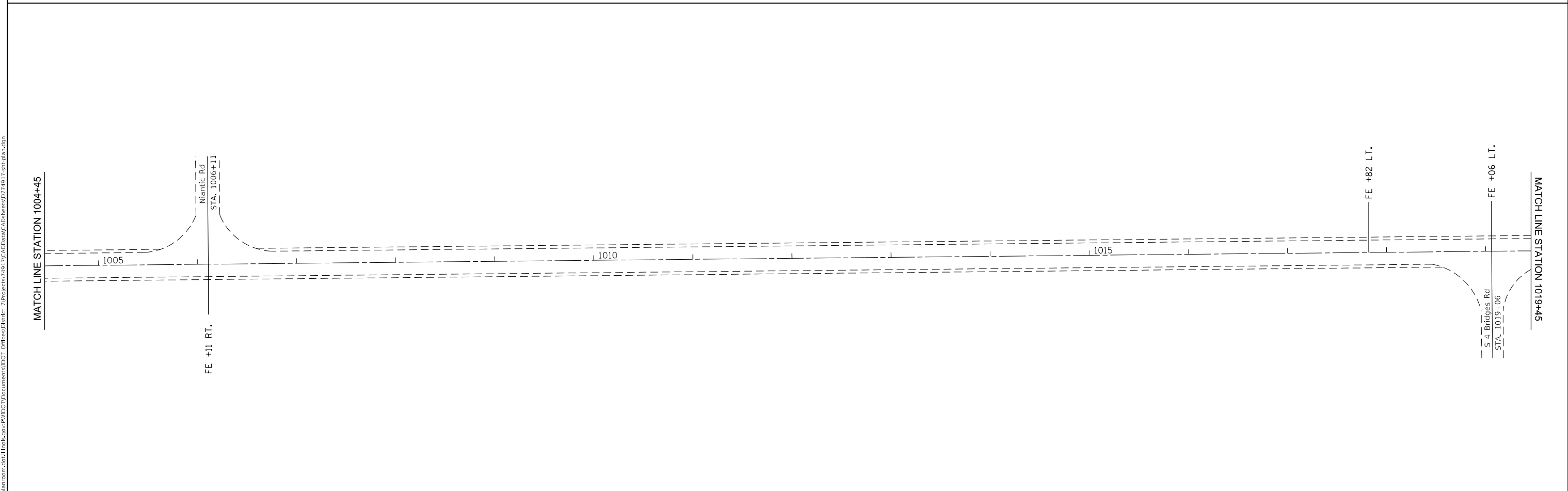
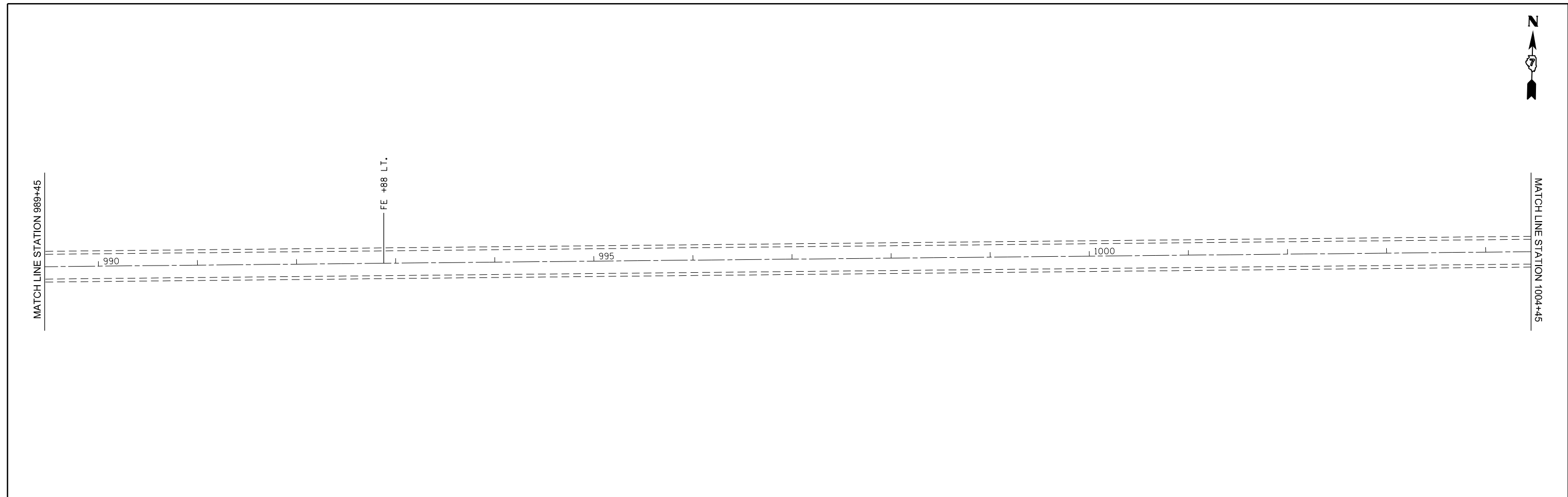
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET OLD 36

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	25
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 74917



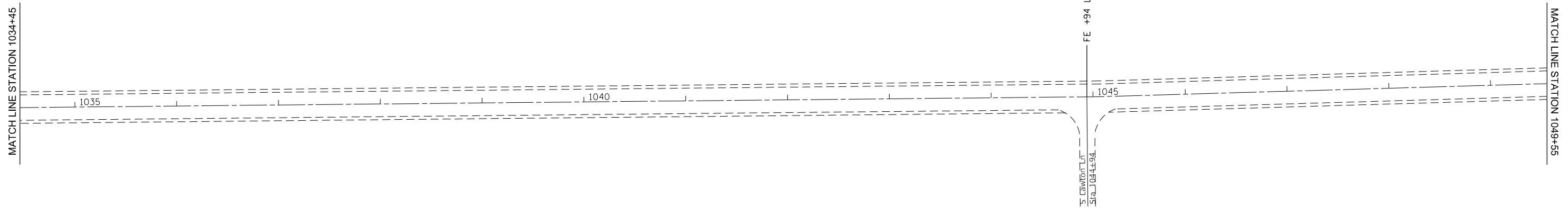
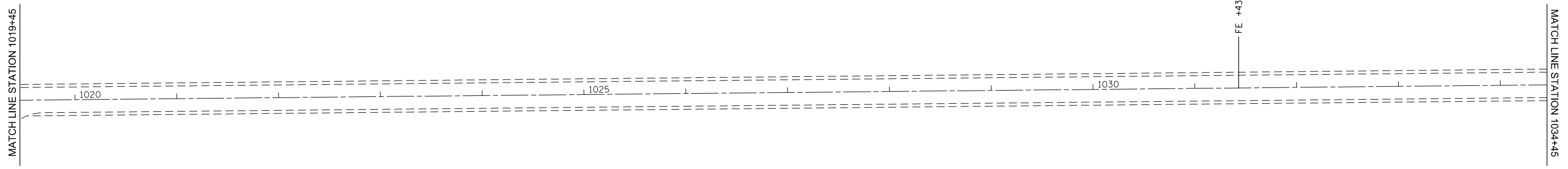
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PLOT DATE = 2/10/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET OLD 36
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	26
CONTRACT NO. 74917				
ILLINOIS		FED. AID PROJECT		



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 DATE: 2/10/2020

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PLOT DATE = 2/10/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET OLD 36

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	27
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74917	



MATCH LINE STATION 1049+55

N 3rd Principal Meridian Rd
STA. 1057+68
FE +68 RT.

MATCH LINE STATION 1079+60

1050

1055

1060

MATCH LINE STATION 1064+58

FE +07 L.T.

FE +40 L.T.

FE +10 RT.

FE +56 L.T.

1065

1070

1075

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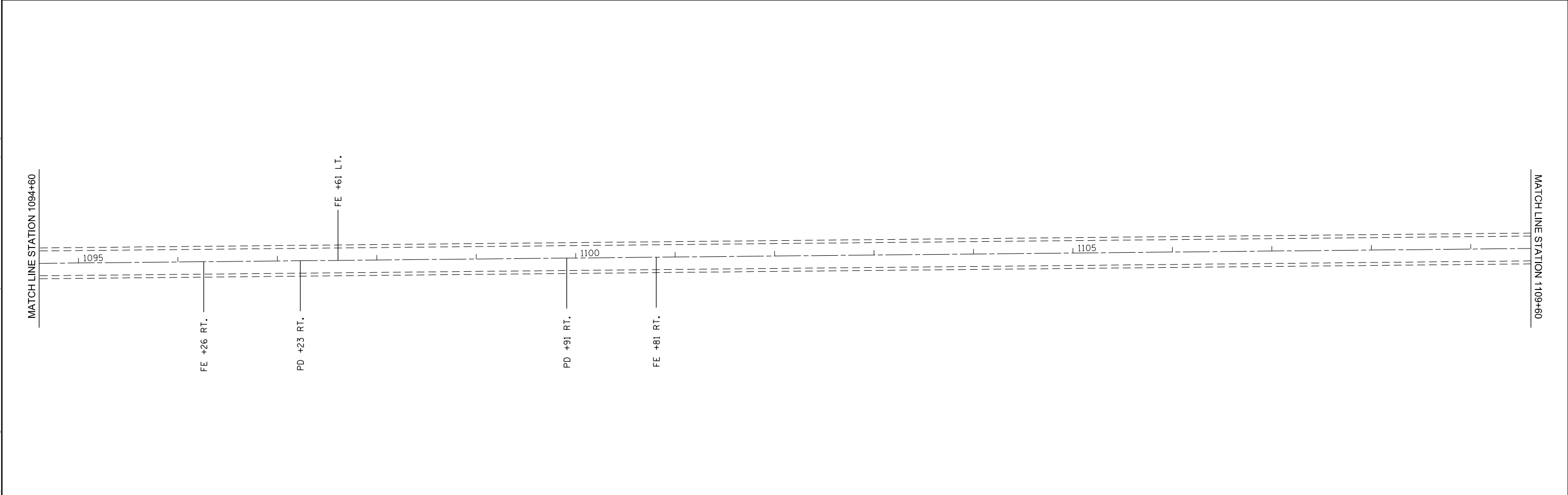
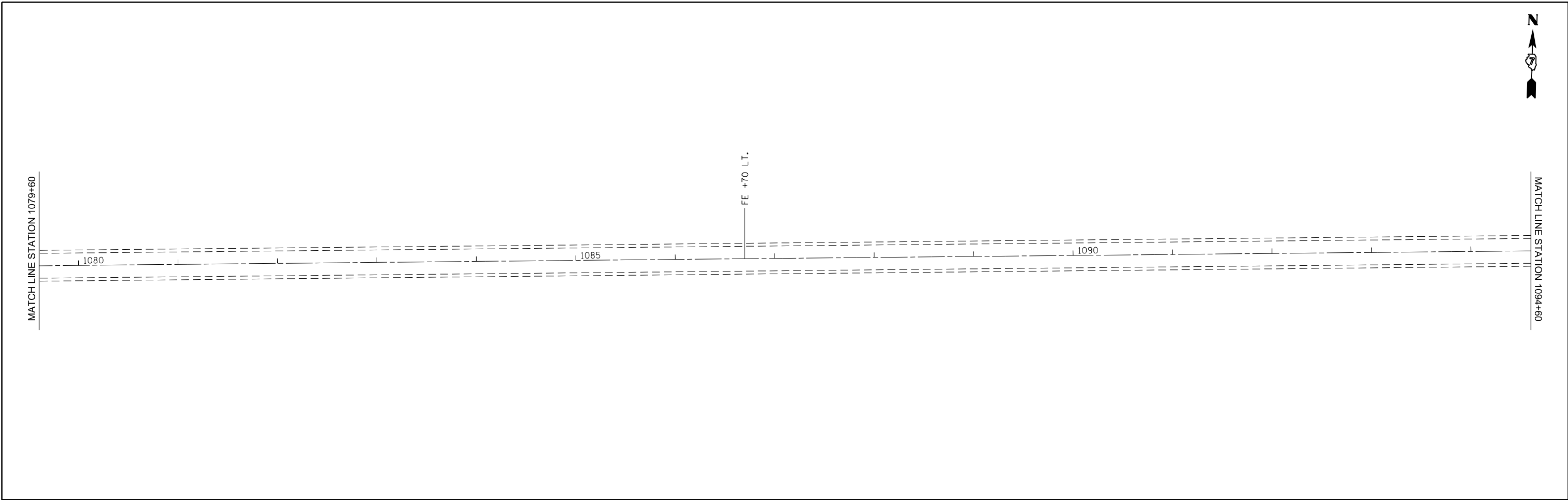
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET OLD 36

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	28
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74917	



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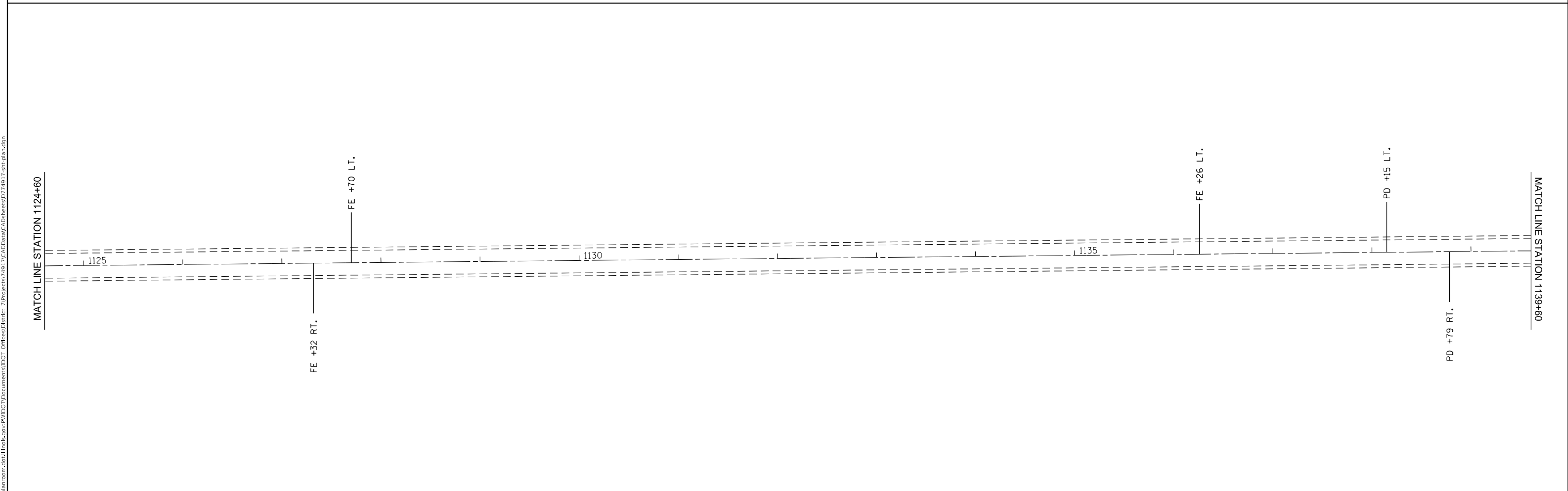
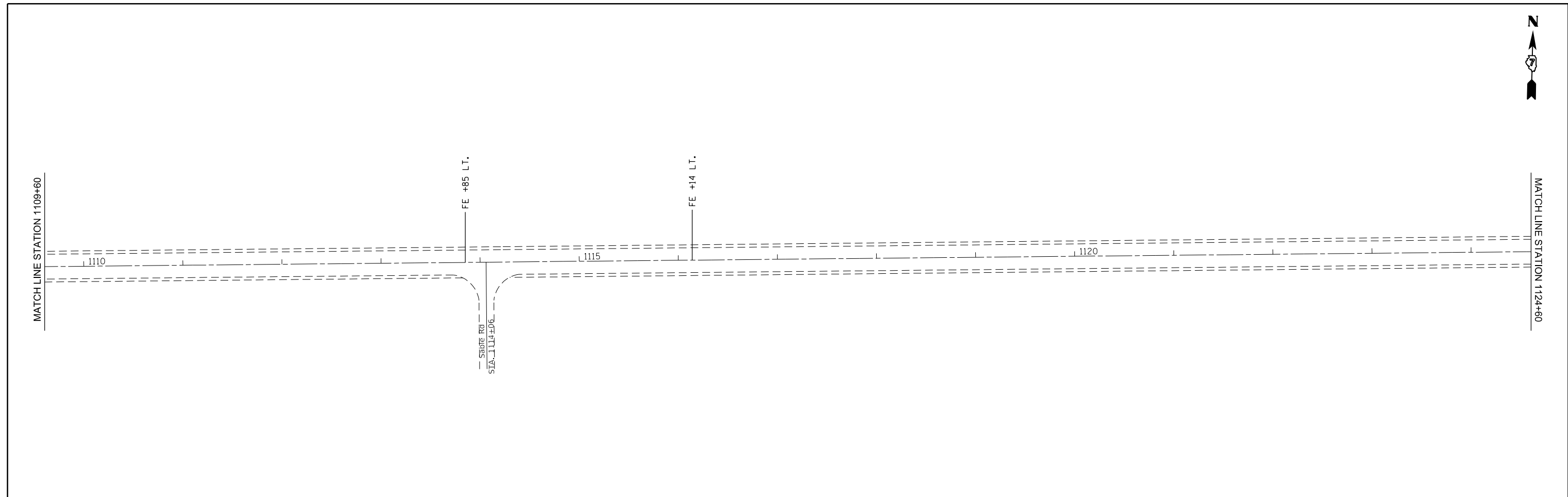
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET OLD 36
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	29
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 74917



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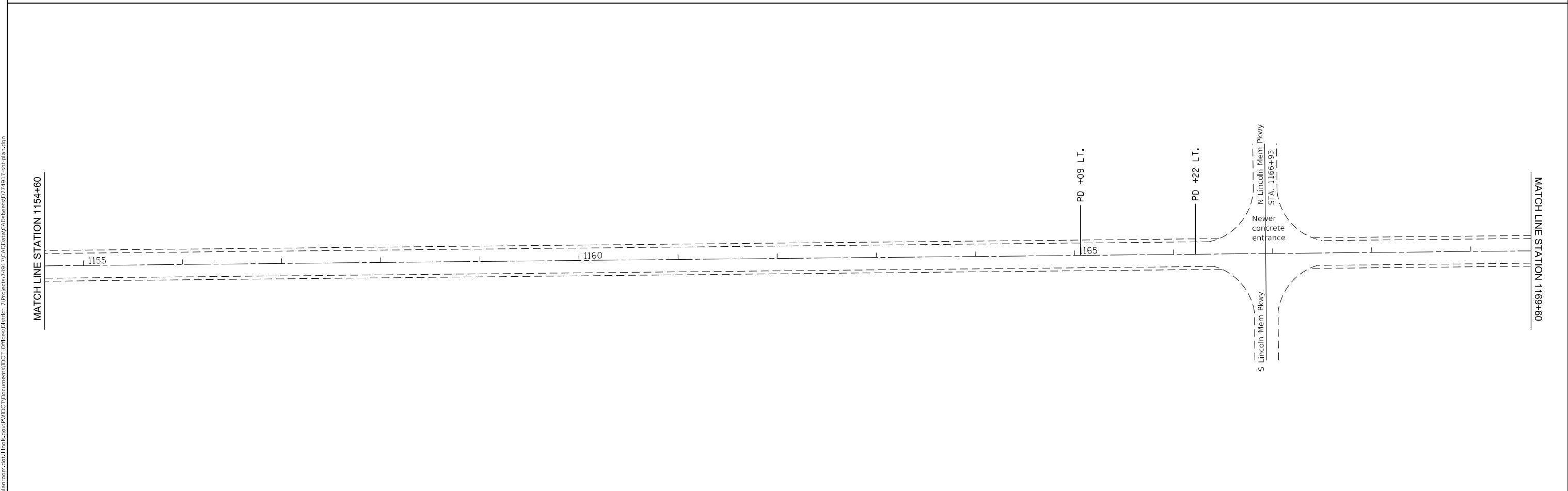
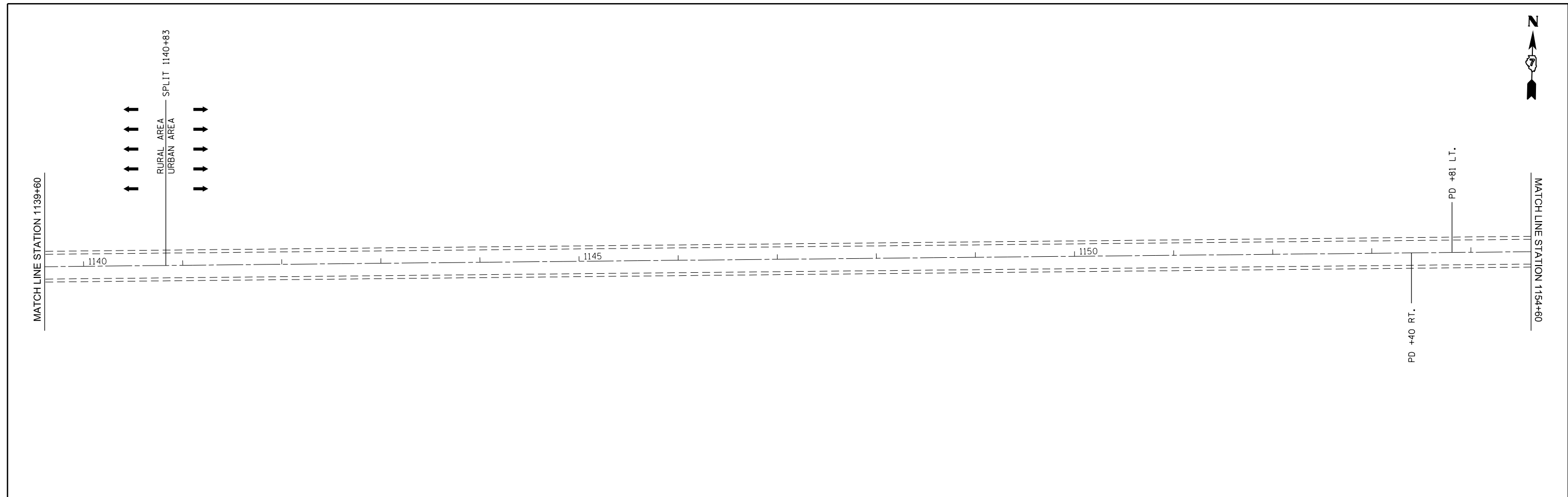
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PLOT DATE = 2/10/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET OLD 36

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	30
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74917	



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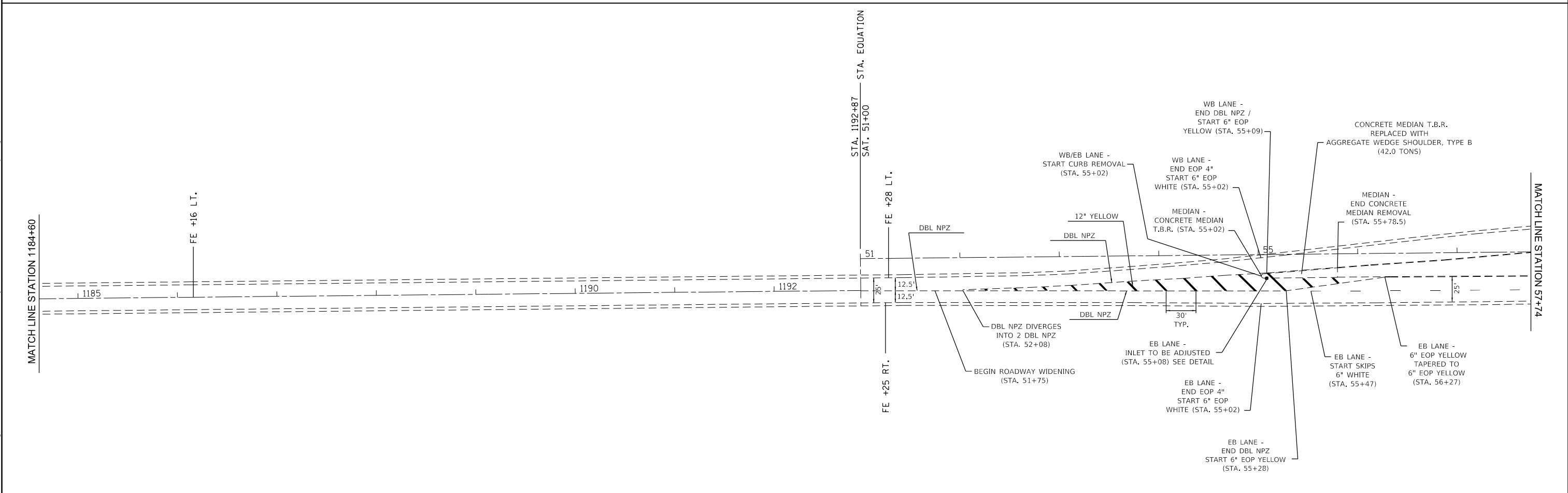
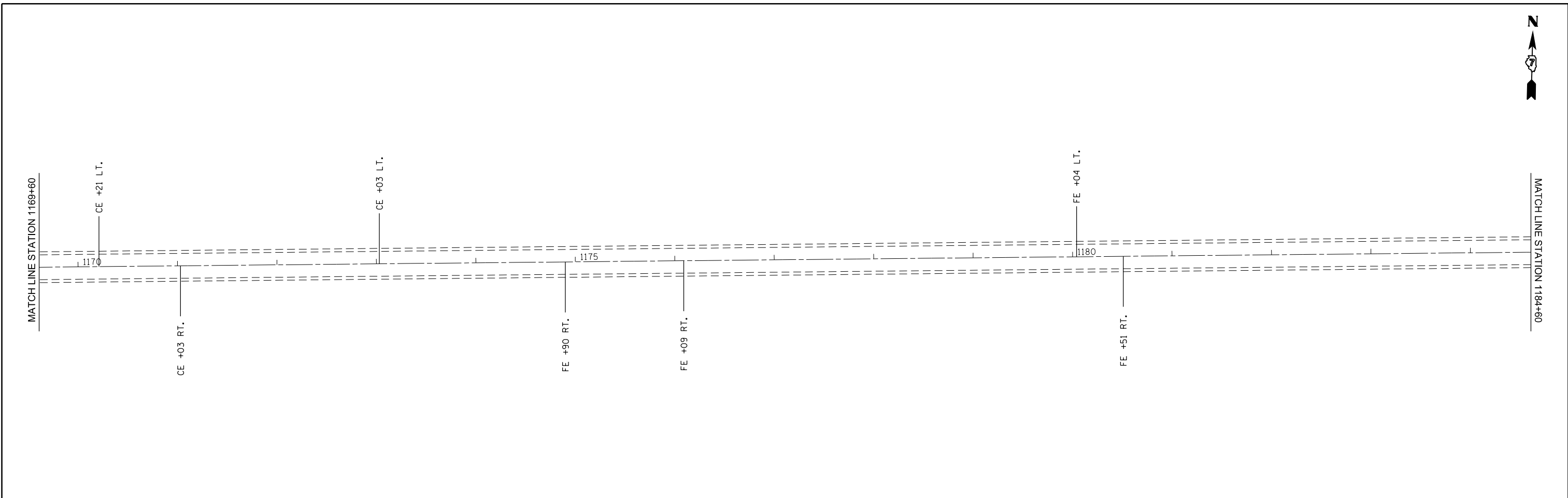
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET OLD 36

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	31
CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				



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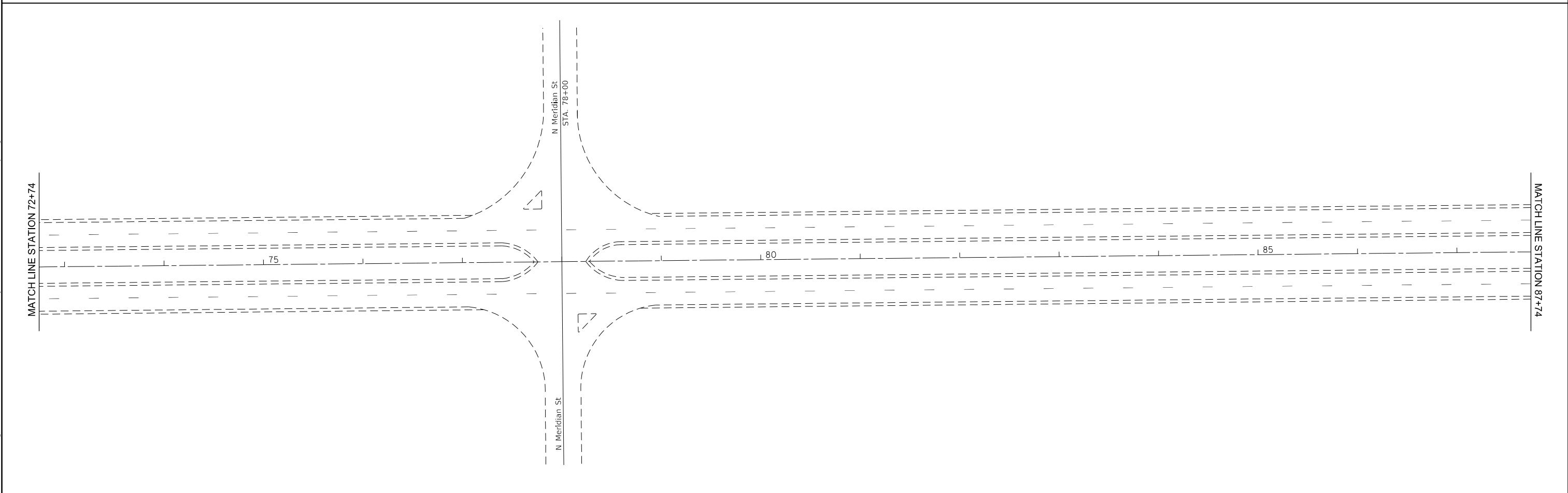
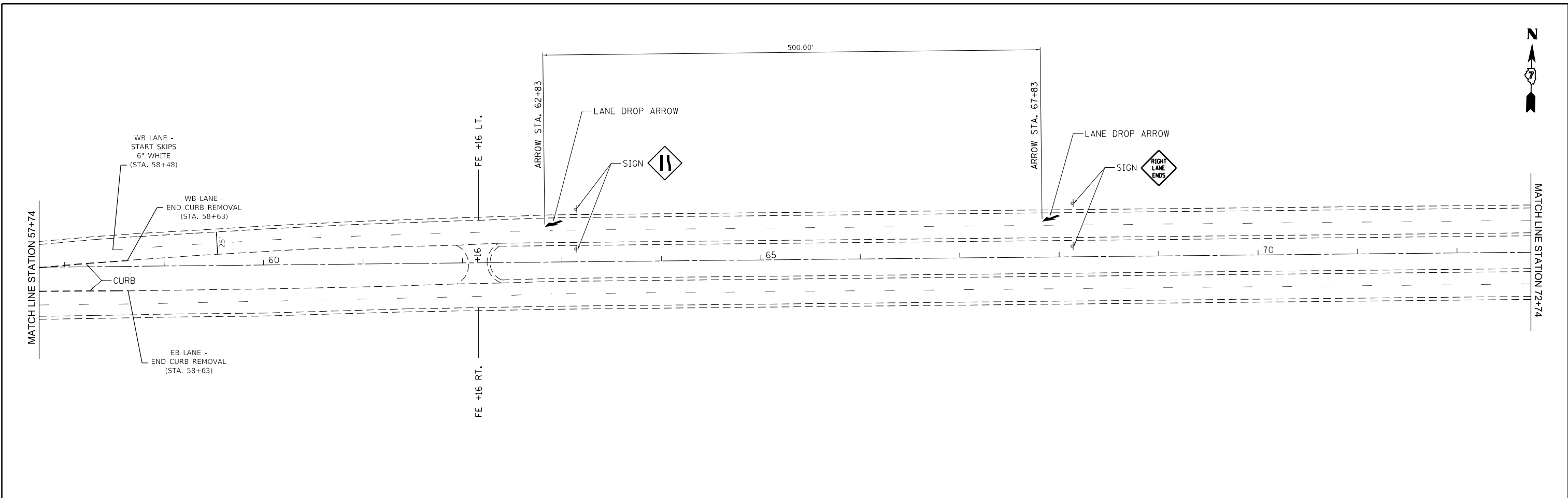
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PLOT DATE = 2/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET OLD 36

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	32
CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET OLD 36

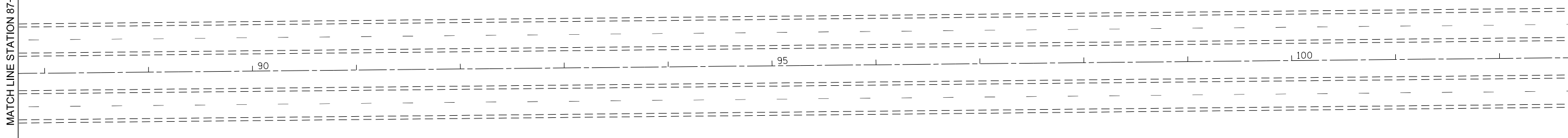
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	33
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74917	



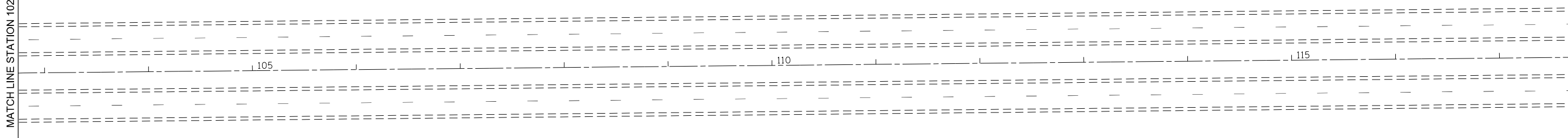
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MATCH LINE STATION 102+74



MATCH LINE STATION 102+74

MATCH LINE STATION 117+74



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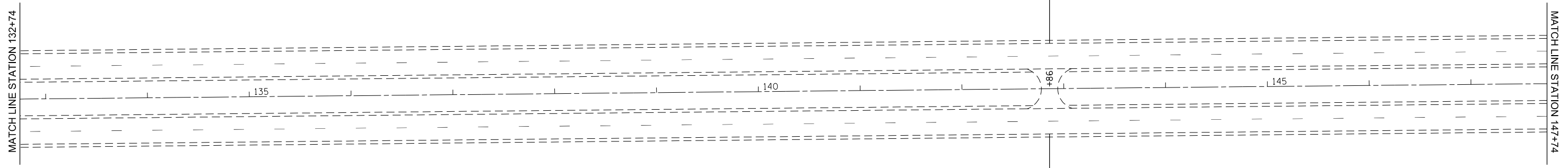
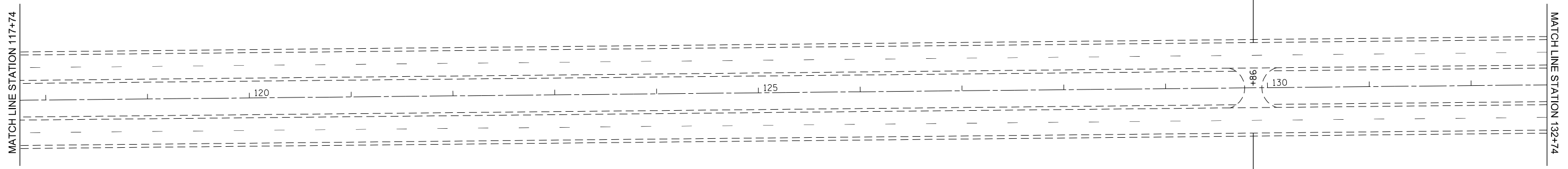
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET OLD 36

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	34
CONTRACT NO. 74917			ILLINOIS FED. AID PROJECT	



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET OLD 36

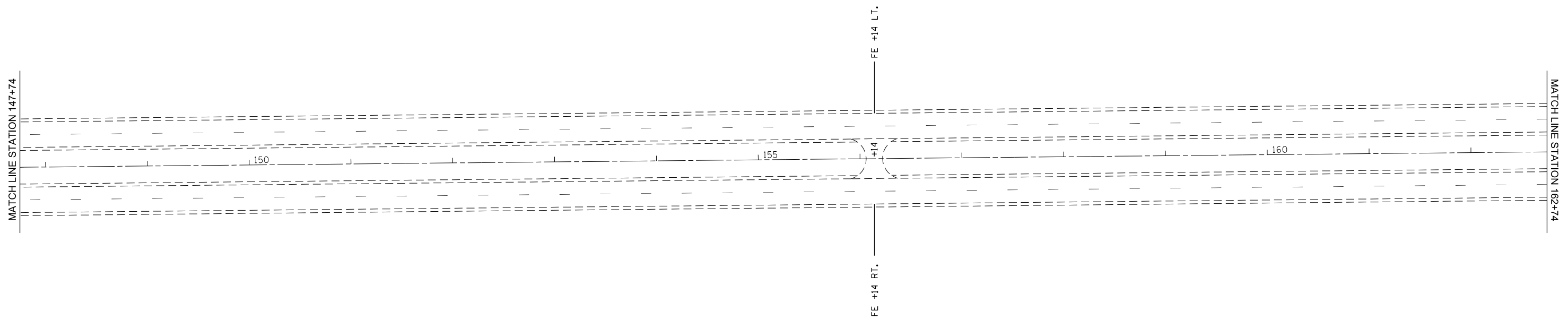
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 74917			ILLINOIS FED. AID PROJECT	



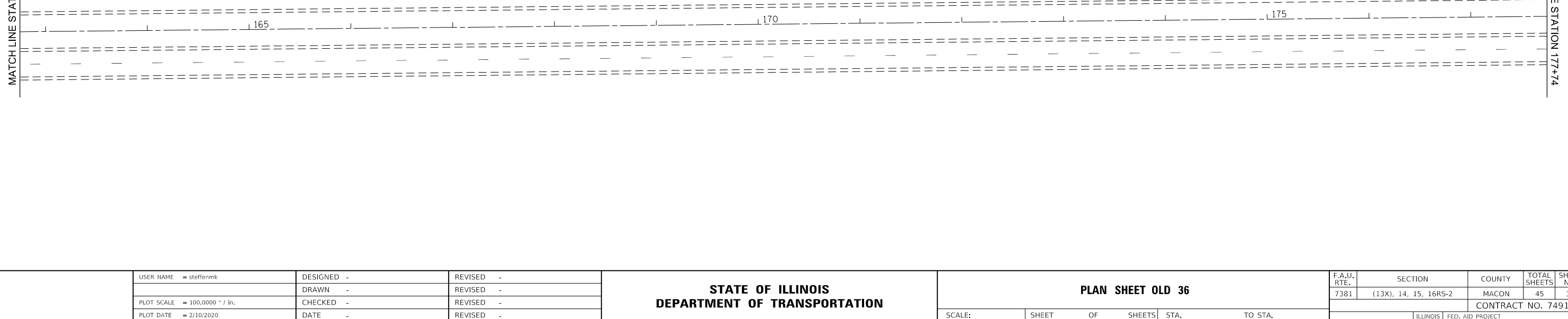
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MATCH LINE STATION 162+74



MATCH LINE STATION 162+74

MATCH LINE STATION 177+74



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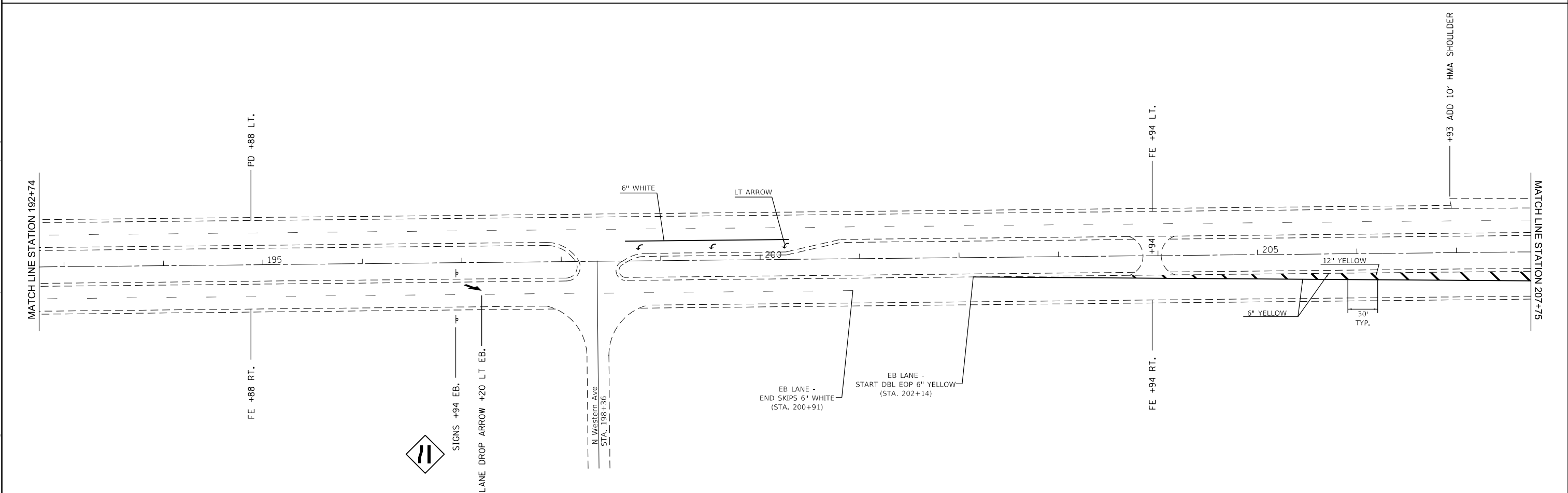
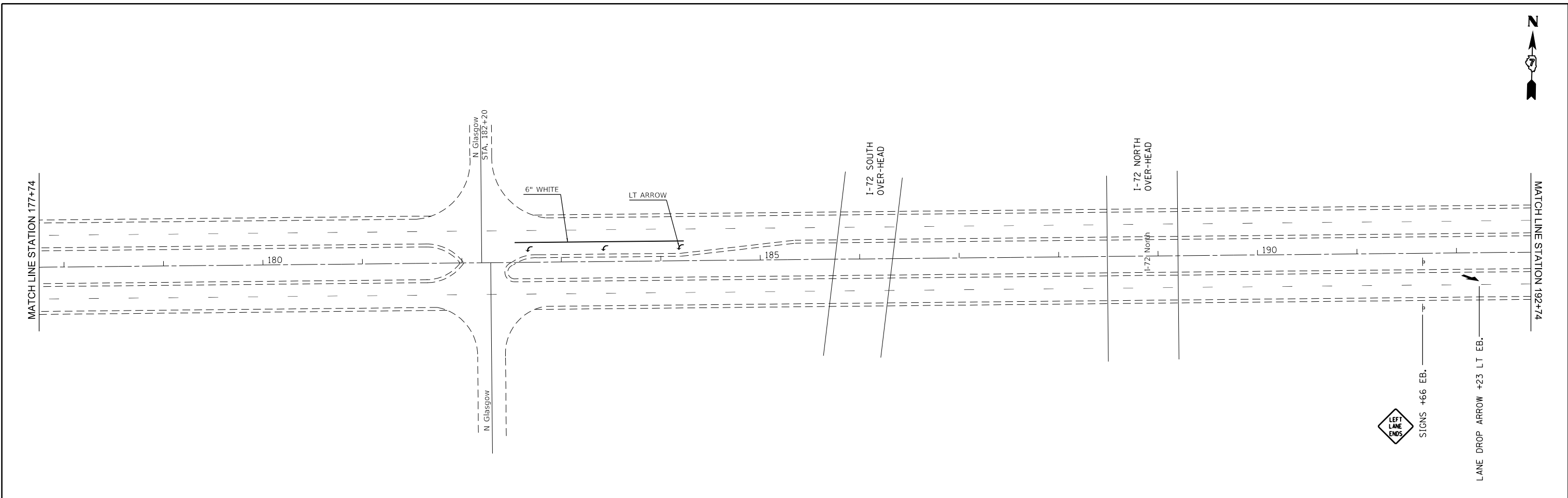
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PLOT DATE = 2/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET OLD 36

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	36
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74917	



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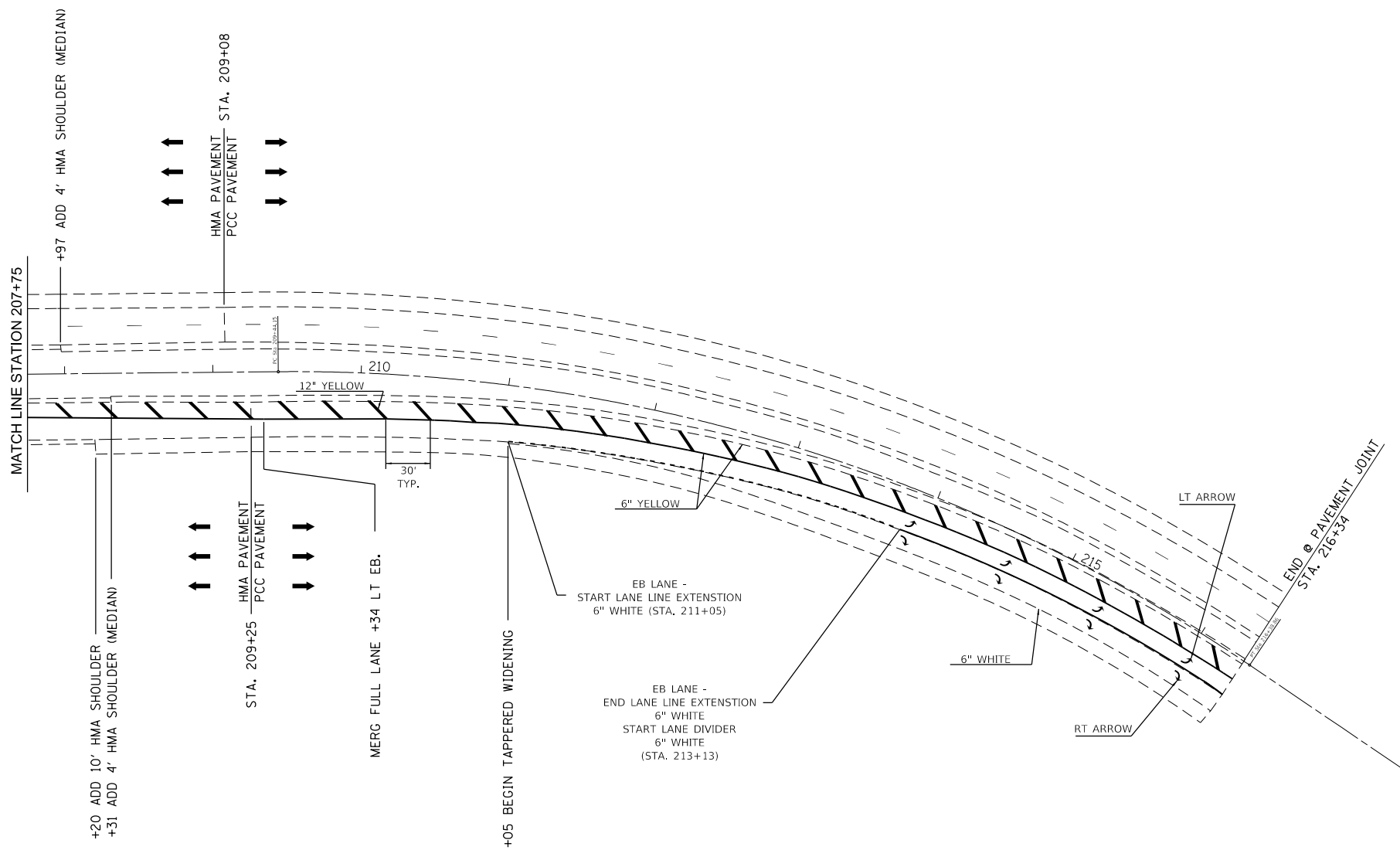
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PLOT DATE = 2/10/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET OLD 36

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	37
CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				



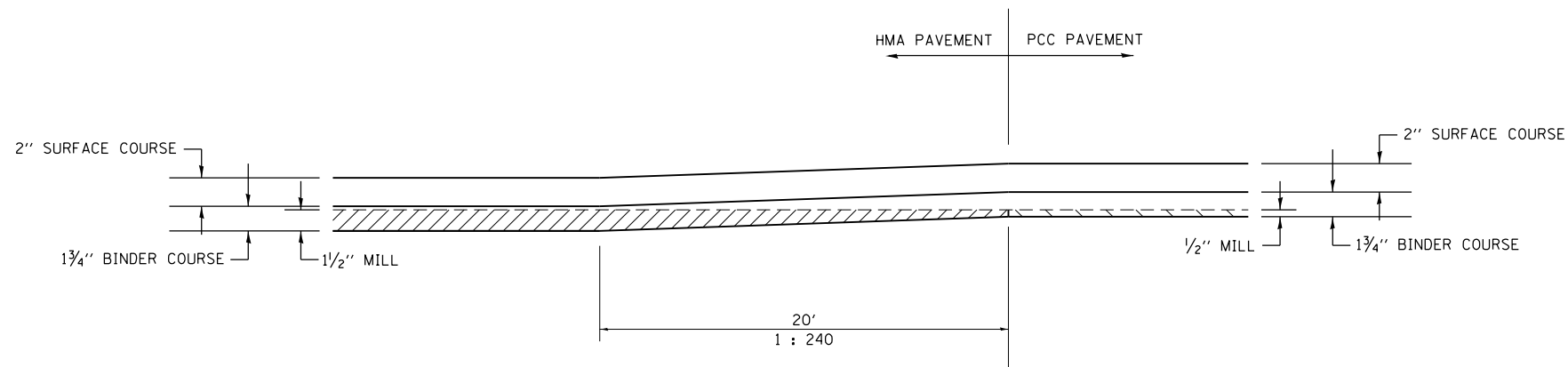
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PLOT DATE = 2/10/2020	DATE -	REVISED -

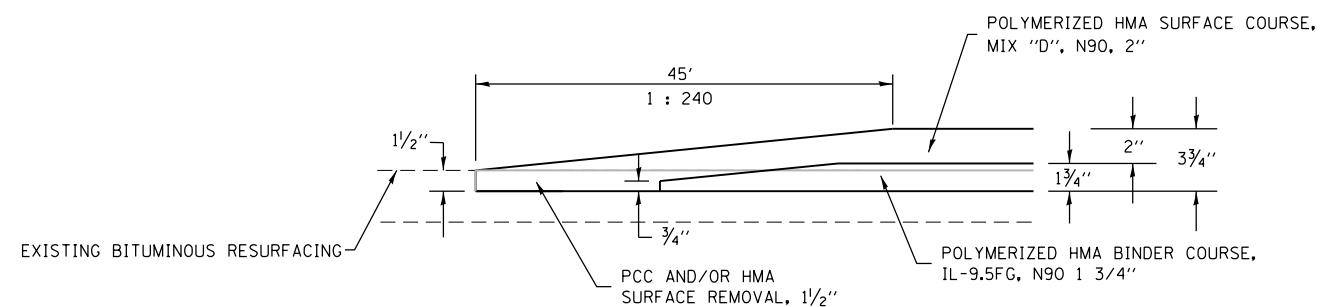
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET OLD 36				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

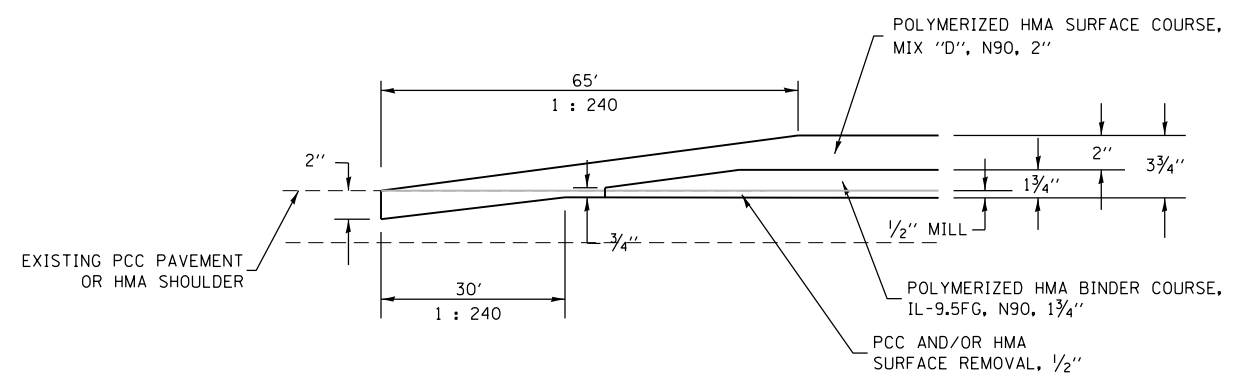
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	38
ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 74917				



MILLING TRANSITION DETAIL
 WB LANE STA 208+78 TO STA 209+08
 EB LANE STA 208+95 TO STA 209+25
 TRANSITION INCLUDED WITH HMA REMOVAL 1/2"



BUTT JOINT DETAIL
 STA 847+79 TO STA 848+24



BUTT JOINT DETAIL
 STA 215+89 TO STA 216+34 ***

*** THE BUTT JOINTS AT THIS LOCATION WILL CONSIST OF COMBINATIONS OF HMA AND PCC BUTT JOINTS.

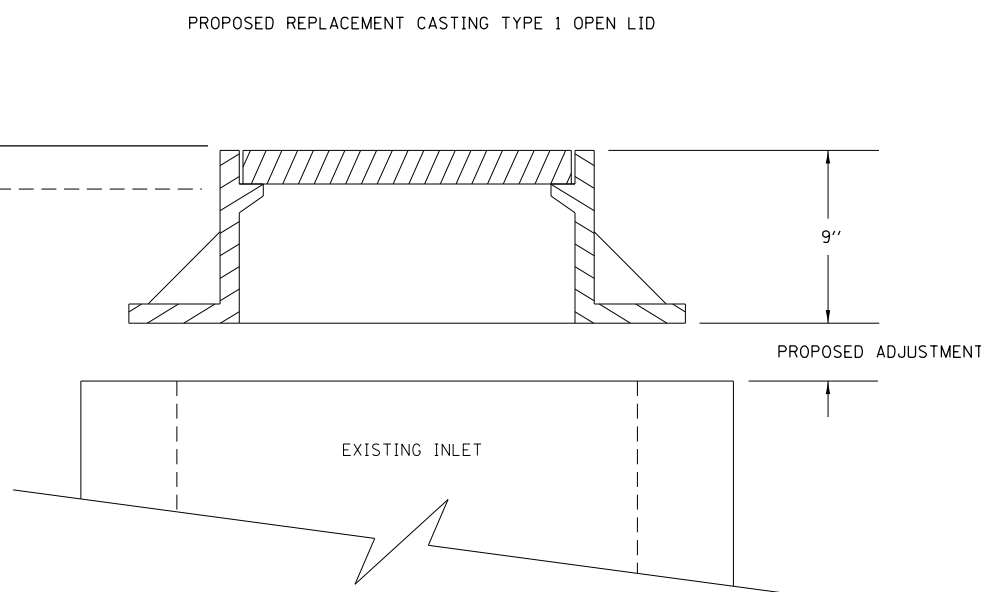
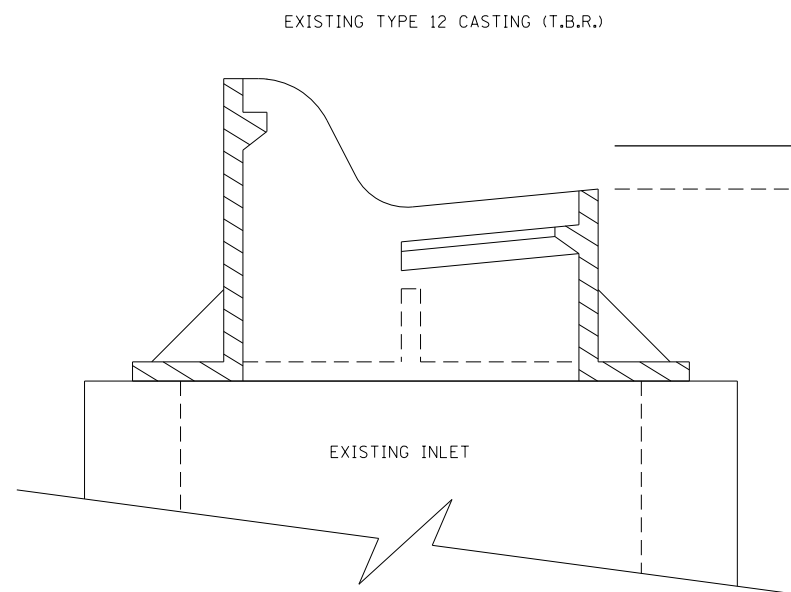
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

BUTT JOINTS & TRANSITION DETAIL			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	40
CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				



THE NEW CASTING SHALL BE THE LOW POINT FOR THE SWALE IN THE ROADWAY UP STATION FROM THE INLET. THE ROADWAY WILL BE CONSTRUCTED IN SUCH A MANNER TO HAVE WATER MOVE OFF THE ROADWAY SURFACE AND INTO THE SWALE AND INTO THE INLET. CASTING SHALL BE 1/2" TO 1/4" LOWER THAN THE FINAL GRADE OF THE ROADWAY TO HELP EXPIDITE THE FLOW OF WATER FROM THE SURFACE.

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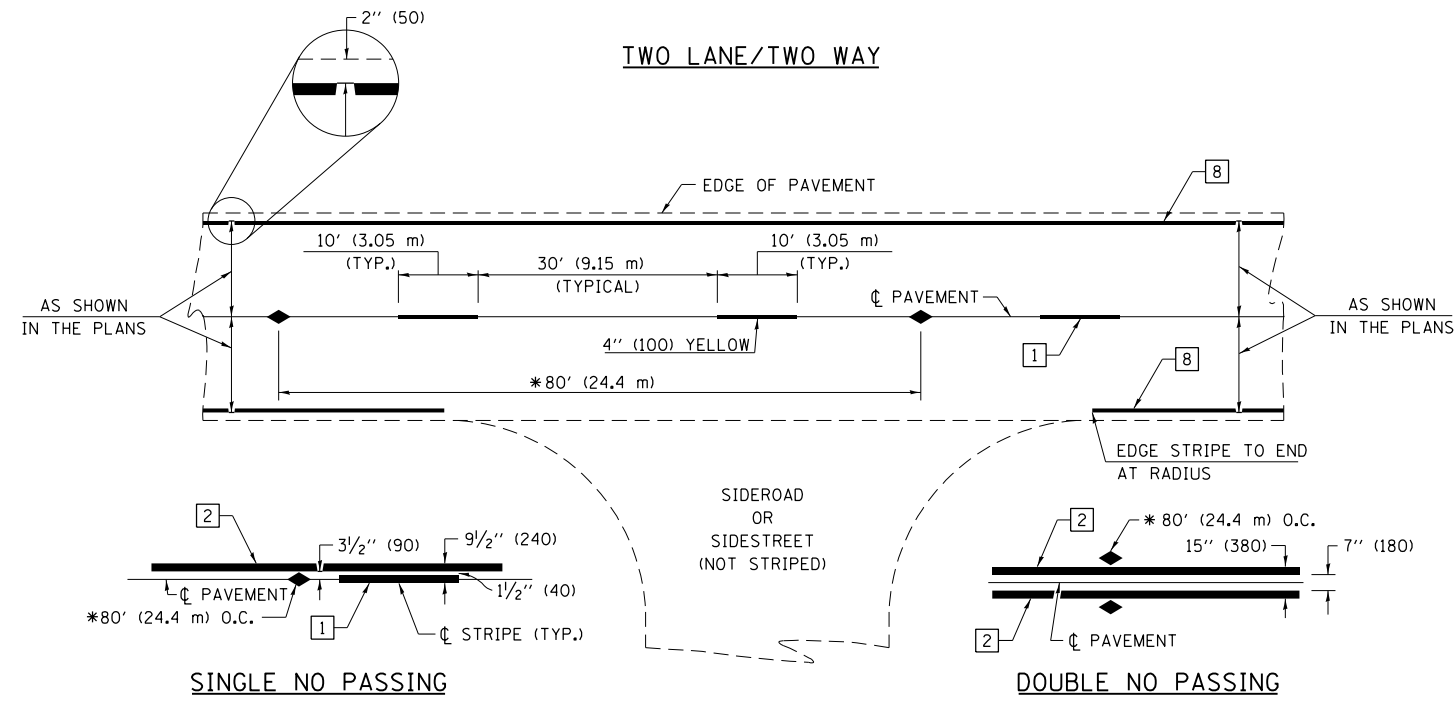
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INLET TO BE ADJUSTED WITH NEW F+G (SPECIAL)
STA. 55+08**

SCALE: SHEET OF SHEETS STA. TO STA.

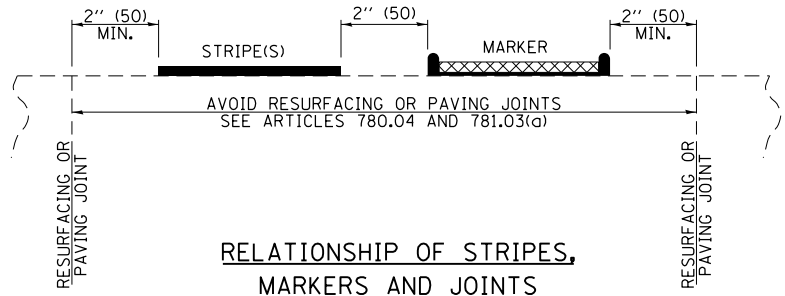
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	41
			CONTRACT NO. 74917	
		ILLINOIS	FED. AID PROJECT	



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

PAVEMENT MARKING LEGEND

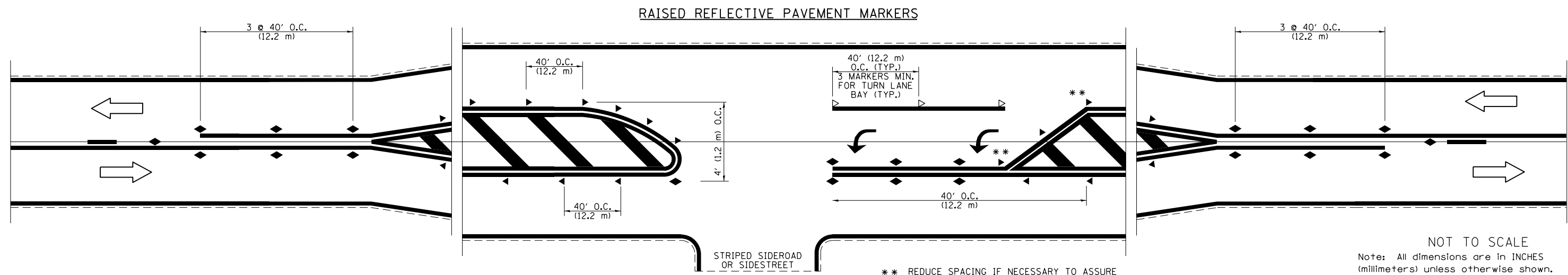
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP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



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

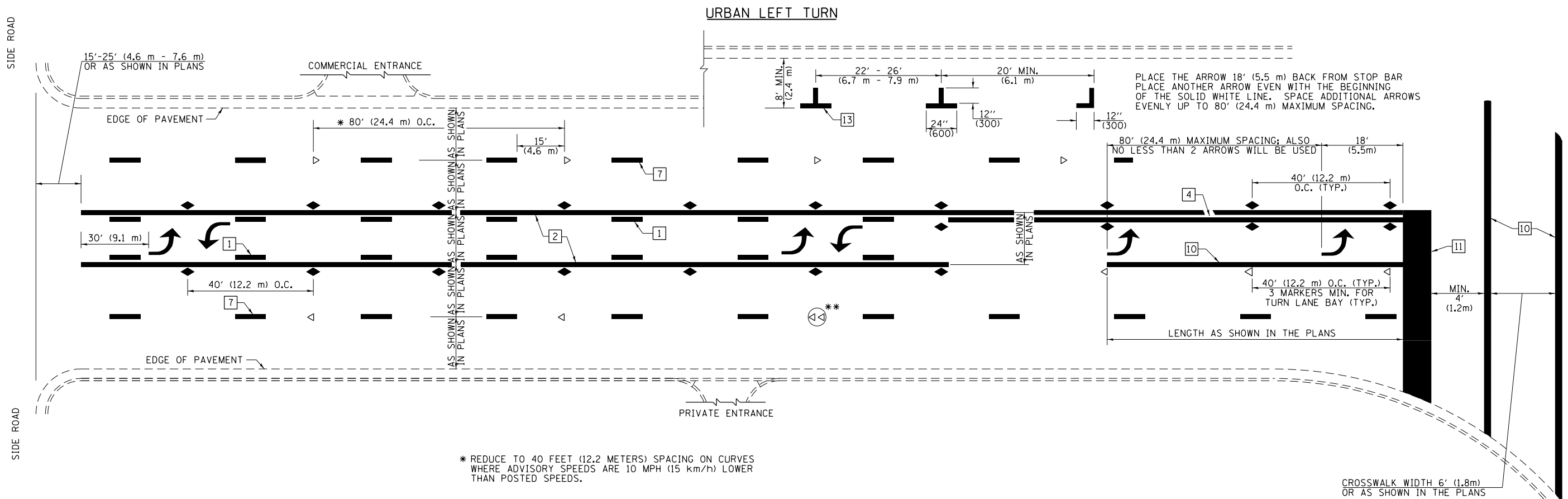
TYPICAL PAVEMENT MARKERS LEGEND

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



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

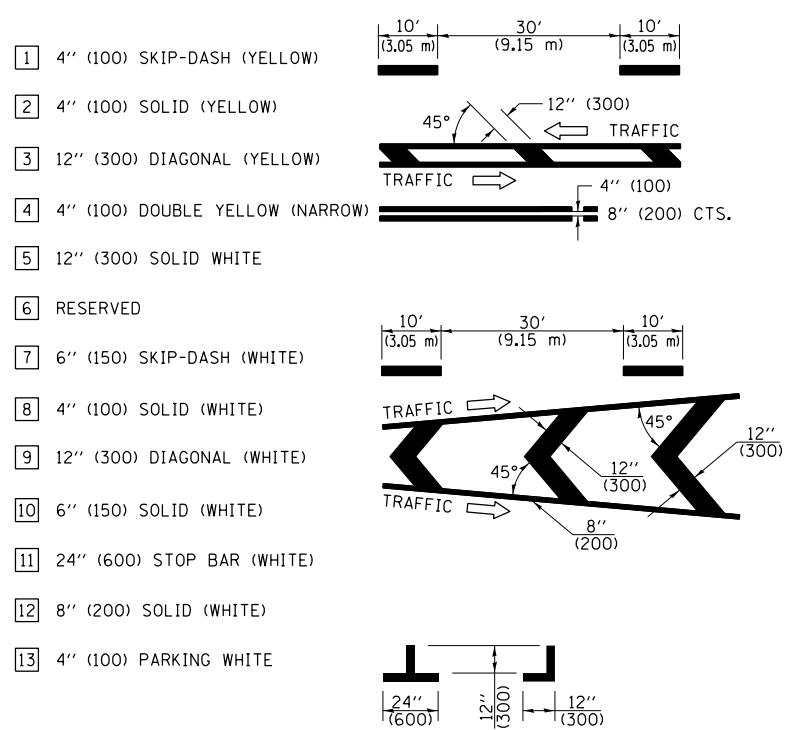
NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.



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

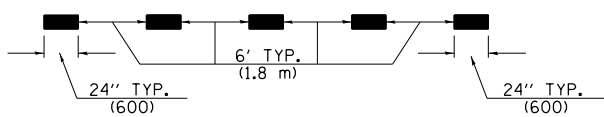
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

PAVEMENT MARKING LEGEND

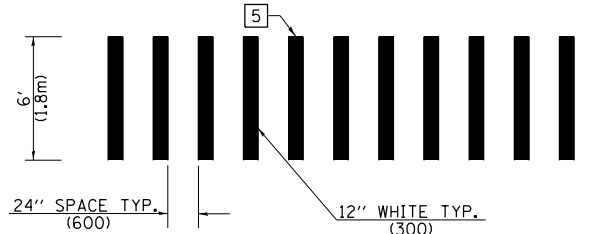


GENERAL NOTES

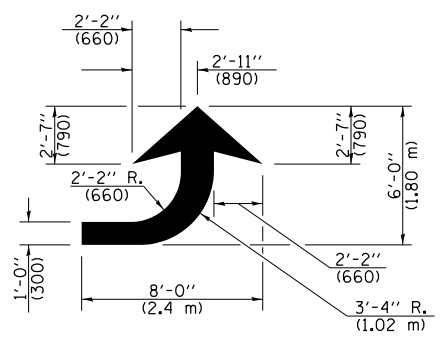
- TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
- THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT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



LANE LINE EXTENSIONS

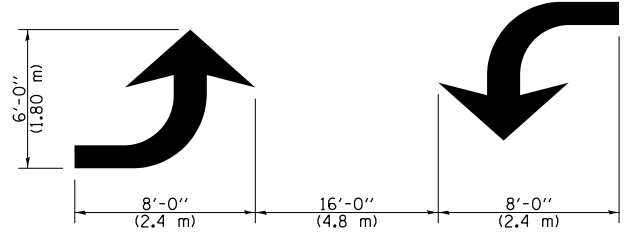


CROSSWALK DETAIL (DECATUR CITY LIMITS ONLY)



LEFT ARROW

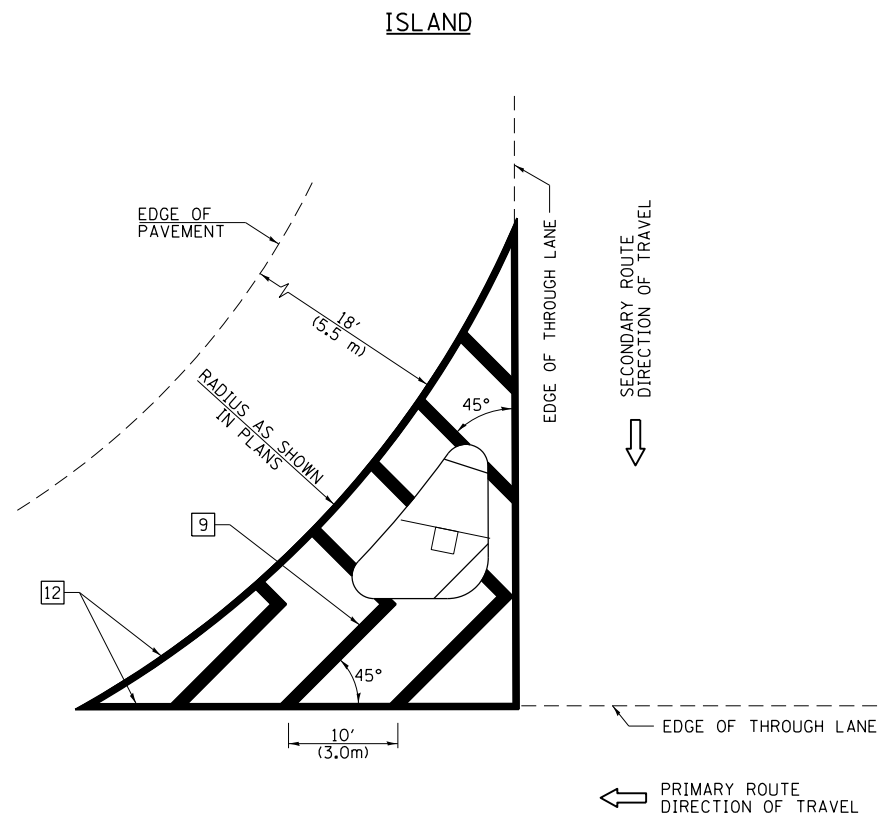
REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)



TYPICAL DOUBLE TURN ARROWS (WHITE)

NOT TO SCALE

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

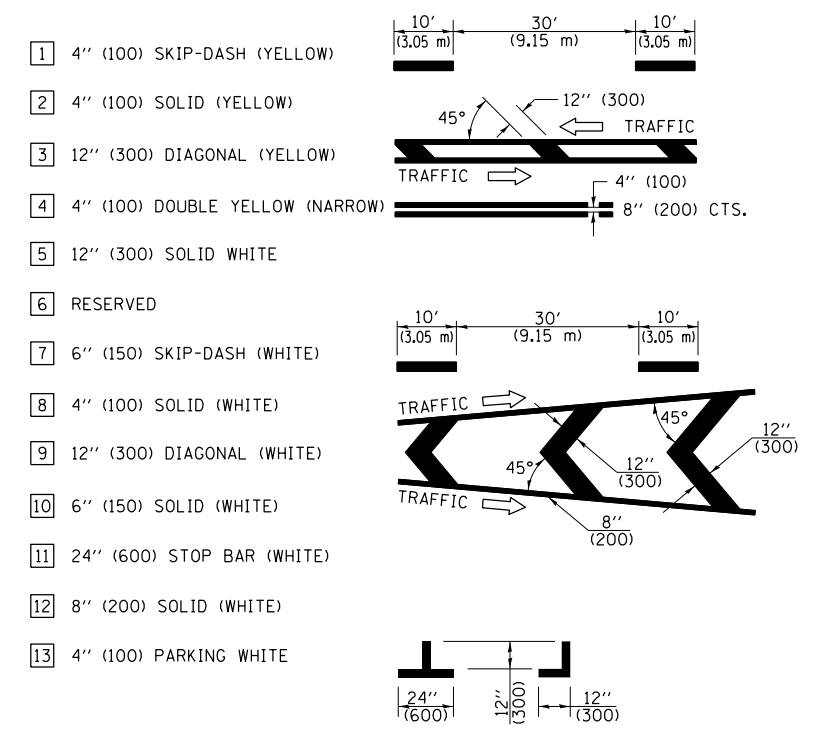


GENERAL NOTES

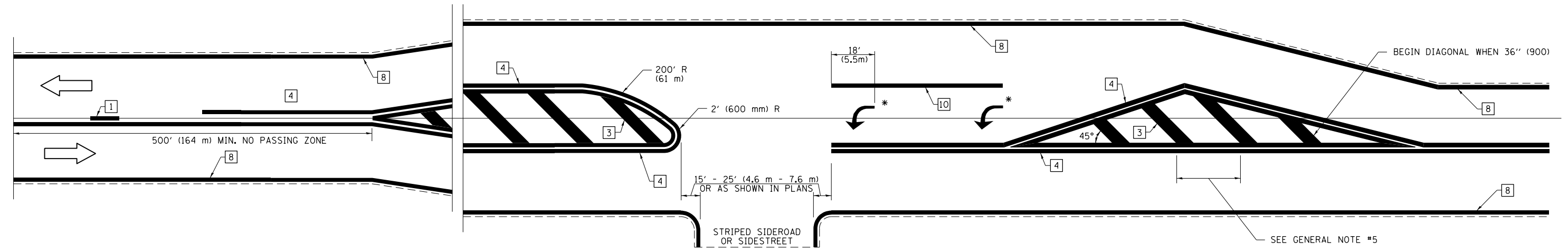
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING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

< 30 MPH (< 50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
> 45 MPH (> 75 km/h)	30' (9.0 m)

PAVEMENT MARKING LEGEND



RURAL LEFT TURN STRIPING



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

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

DISTRICT 7 DETAIL NO. 7800001

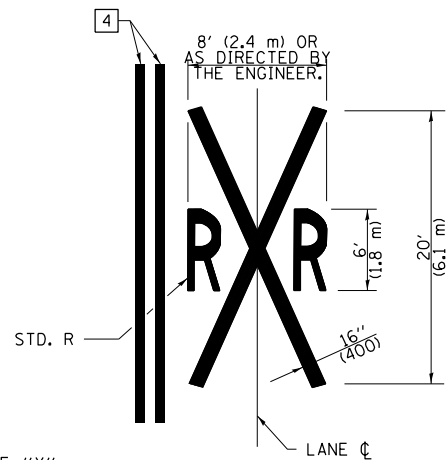
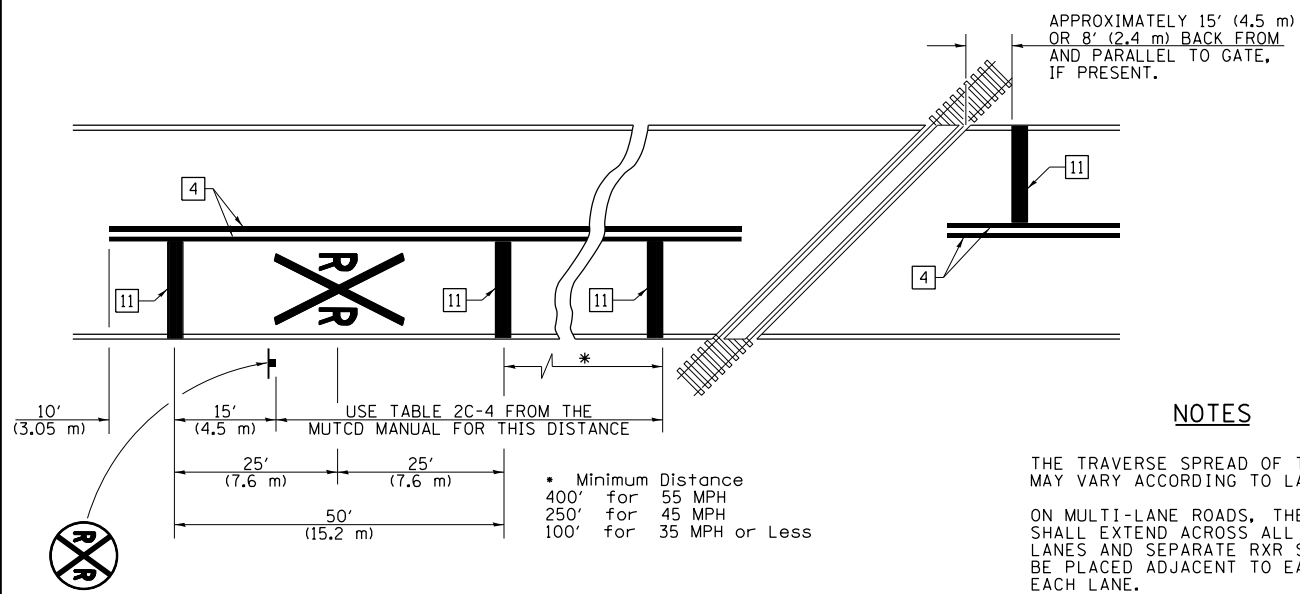
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	44
CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

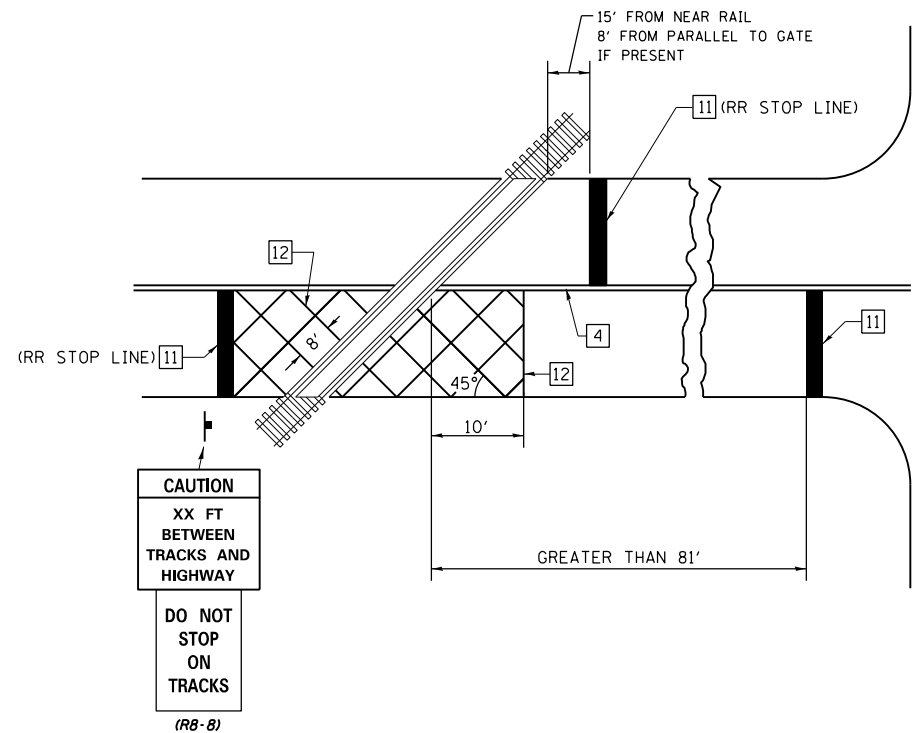
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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

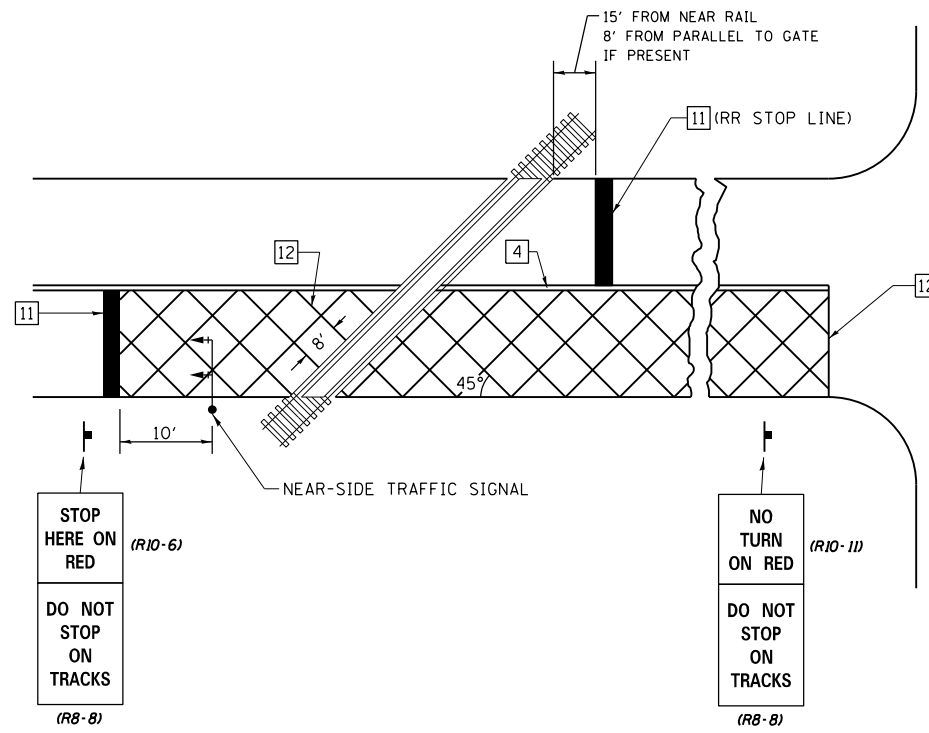
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
 - 2 4" (100) SOLID (YELLOW)
 - 3 12" (300) DIAGONAL (YELLOW)
 - 4 4" (100) DOUBLE YELLOW (NARROW)
 - 5 12" (300) SOLID WHITE
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 - 12 8" (200) SOLID (WHITE)
 - 13 4" (100) PARKING WHITE
-

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

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

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	PLOT DATE = 2/10/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

DISTRICT 7 DETAIL NO. 78000001

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7381	(13X), 14, 15, 16RS-2	MACON	45	45
CONTRACT NO. 74917				
ILLINOIS FED. AID PROJECT				