

030

04-24-2002 LETTING ITEM 030

INDEX OF SHEETS

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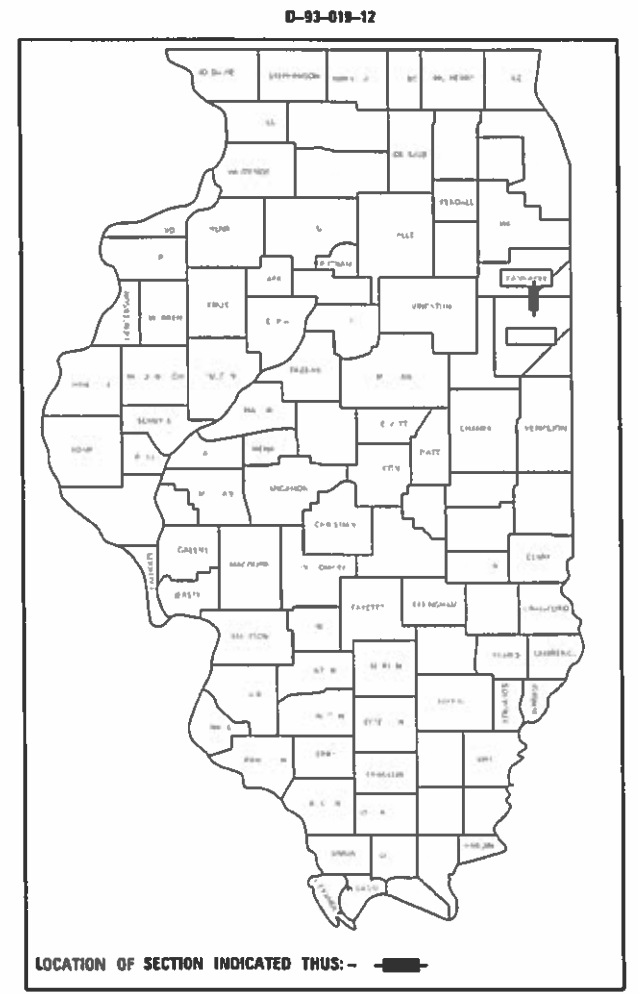
SEE SHEET 2 FOR LIST OF HIGHWAY STANDARDS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAP ROUTE 840 (US45/52)
SECTION 138 RS-4 & 139 RS-6
PROJECT STP-MJ9E(620)
3P MILLING & RESURFACING
KANKAKEE & IROQUOIS COUNTIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/ROO	48	1
		ILLINOIS		CONTRACT NO. 66B75



FUNCTIONAL CLASSIFICATION:
MINOR ARTERIAL
2019 ADT (KANKAKEE) - 6350
P.V. = 86.54% S.U. = 5.77% M.U. = 7.69%
2019 ADT (IROQUOIS) - 3900
P.V. = 84.10% S.U. = 4.36% M.U. = 11.54%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 2-7 2020
Masood Ahmad
REGIONAL ENGINEER

March 20 2020
E.A. Elk
ENGINEER OF DESIGN AND ENVIRONMENT

March 20 2020
James Au
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

C-93-024-12

STATION EQUATION
STA. 147 + 85.84BK = STA. 147 + 50AH

SN 046-0070 OMISSION
STA. 196 + 30

SN 046-2009
STA. 375 + 78

SN 038-2024
STA. 412 + 24

SN 038-2530
STA. 450 + 05

SN 038-2029
STA. 636 + 58

SN 038-2532
STA. 737 + 64

SN 038-2533
STA. 822 + 00

BEGIN IMPROVEMENT
STA. 140 + 79

SN 046-2504
STA. 148 + 14

SN 046-2508
STA. 219 + 23

CO LINE STA. 396 + 77

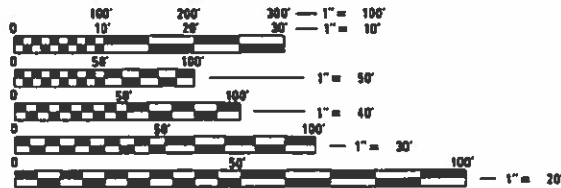
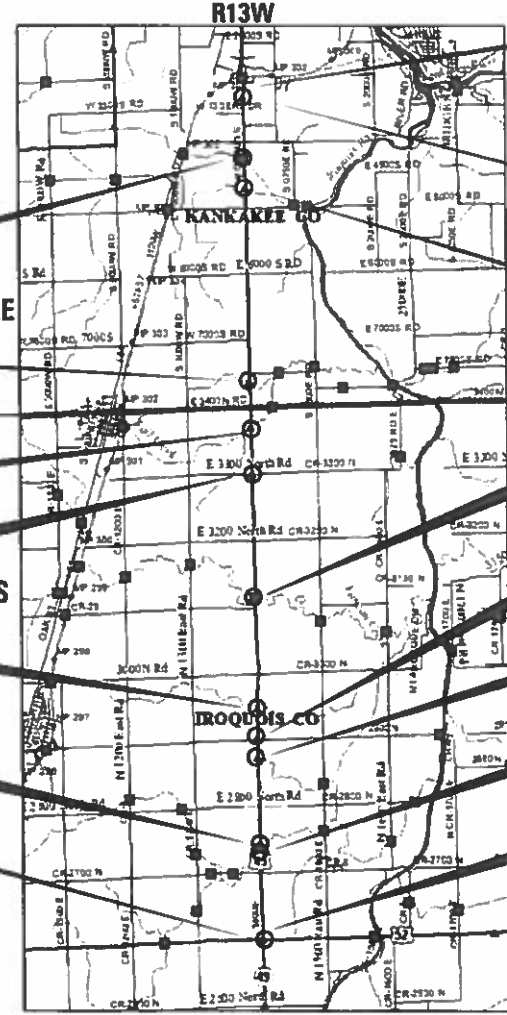
SN 038-0115
STA. 550 + 22

SN 038-2531
STA. 662 + 47

SN 038-2547
STA. 680 + 52

SN 038-0117
STA. 752 + 43

END IMPROVEMENT
STA. 820 + 50



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: BRAD DUNCAN, P.E.
UNIT CHIEF: LUIS CALDERON, P.E.
815-434-6131

CONTRACT NO. 66B75

GROSS LENGTH = 87,877 FT. = 12.86 MILES NET LENGTH = 67,685 FT. = 12.82 MILES

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS UNLESS OTHERWISE STATED IN THE SPECIAL PROVISIONS OR PLANS.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

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

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPlicing OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

- * AT&T
- * COMED
- * AQUA IL
- * NICOR
- * FRONTIER
- * EASTERN ILLINI ELECTRIC CO-OP
- * COMCAST
- * CMS
- * KANKAKEE
- * KINDER MORGAN COCHIN PIPELINE
- * UNITI FIBER
- * METRO COMMUNICATIONS

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION OR DRAINAGE RELATED WORK TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

COMMITMENTS

NO COMMITMENTS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442101-09	CLASS 8 PATCHES
542011-02	CONCRETE END SECTIONS FOR ELLIPTICAL PIPE CULVERTS 15" (375mm) THRU 72" (1800 mm) EQUIVALENT DIAMETER
542311-07	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION
542401-03	METAL FLARED END SECTION FOR PIPE CULVERTS
630001-12	STEEL PLATE BEAM GUARDRAIL
630201-07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631032-09	TRAFFIC BARRIER TERMINAL, TYPE 6A
642006	SHOULDER RUMBLE STRIPS, 8 INCH
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
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
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: Tom Banil
DISTRICT STUDIES & PLANS ENGINEER

DATE: 2-7-2020

EXAMINED BY: Kyle Videman
DISTRICT CONSTRUCTION ENGINEER

Michael A Short
DISTRICT MATERIALS ENGINEER

Tom Hummel
DISTRICT OPERATIONS ENGINEER

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	DRAWN -	REVISED -
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PLOT DATE = 2/6/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
84C	138 RS-4 & 139 RS-6	KANK/IROQ	49	2
			CONTRACT NO. 66B75	
ILLINOIS FED. AID PROJECT				

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* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STP-URB KANKAKEE ROADWAY	STP-RUR KANKAKEE ROADWAY	STP-RUR IROQUOIS ROADWAY
				0005	0005	0005
				URBAN	RURAL	RURAL
20200100	EARTH EXCAVATION	CU YD	90		15	75
20800150	TRENCH BACKFILL	CU YD	6	6		
25100630	EROSION CONTROL BLANKET	SQ YD	822	222	378	222
28100107	STONE RIPRAP, CLASS A4	SQ YD	65		25	40
28200200	FILTER FABRIC	SQ YD	65		25	40
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	167969	26104	38248	103617
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	71.9	10.3	16.4	45.2
40600990	TEMPORARY RAMP	SQ YD	2389	519	791	1079
40602985	HOT-MIX ASPHALT BINDER COURSE, 1L-9.5, N70	TON	26728	3832	6109	16787
40604062	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N70	TON	23427	3353	5345	14729
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	1536	487	468	581
44000100	PAVEMENT REMOVAL	SQ YD	20			20
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	240887	36460	54543	149884
44201063	CLASS B PATCHES, TYPE II, 18 INCH	SQ YD	20	20		

STP FUNDS
80% FED-20% STATE

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	DRAWN -	REVISED -
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PLOT DATE = 2/7/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK / IROQ	52	3
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				

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STP FUNDS
80% FED-20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STP-URB	STP-RUR	STP-RUR
				KANKAKEE	KANKAKEE	IROQUOIS
				ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005
				URBAN	RURAL	RURAL
44201299	DOWEL BARS 1 1/2"	EACH	40	40		
44213200	SAW CUTS	FOOT	94	94		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1266	500	766	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	472	472		
542A5485	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	42	42		
542C0223	PIPE CULVERTS, CLASS C, TYPE 1 18"	FOOT	7			7
54248510	CONCRETE COLLAR	CU YD	0.2			0.2
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	10	10		
54262718	METAL FLARED END SECTIONS 18"	EACH	1			1
54262724	METAL FLARED END SECTIONS 24"	EACH	2		2	
54263330	CONCRETE END SECTION, STANDARD 542011, 30", 1:3	EACH	2	2		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	162.5		162.5	
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	650			650
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	7			7

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 R5-4 & 139 R5-6	KANK / IROQ	52	4
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STP-URB KANKAKEE ROADWAY	STP-RUR KANKAKEE ROADWAY	STP-RUR IROQUOIS ROADWAY
				0005	0005	0005
				URBAN	RURAL	RURAL
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	9		2	7
63200310	GUARDRAIL REMOVAL	FOOT	1313		245	1068
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	132113	17560	30243	84310
* 66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	20	4	6	10
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	1.5	1.5	3
67100100	MOBILIZATION	L SUM	1	0.25	0.25	0.5
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.5		0.5
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.25	0.25	0.5
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	0.5	0.5	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.5	0.5	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	24535	5521	6236	12778
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	5398	1215	1372	2811
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	9		2	7

STP FUNDS
80% FED-20% STATE

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 R5-4 & 139 R5-6	KANK / IROQ	52	5
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				STP-URB KANKAKEE ROADWAY	STP-RUR KANKAKEE ROADWAY	STP-RUR IROQUOIS ROADWAY	
				0005	0005	0005	
				URBAN	RURAL	RURAL	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	218	187	31		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	49583	29841	19090	652	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2814	1693	1121		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1141	996	145		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	986	579	407		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	414	117	93	204	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	218786	416	48878	169492	
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	25042	52	3803	21187	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1025	253	241	531	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	32		4	28	
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1025	253	241	531
* 88600100	DETECTOR LOOP, TYPE I	FOOT	58	58			
X0325893	CLEAN EXISTING END SECTION	EACH	3		2	1	
X0326394	FLOOR DRAINS TO BE CLEANED	EACH	16			16	

STP FUNDS
80% FED-20% STATE

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* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 R5-4 & 139 R5-6	KANK / IROQ	52	6
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				

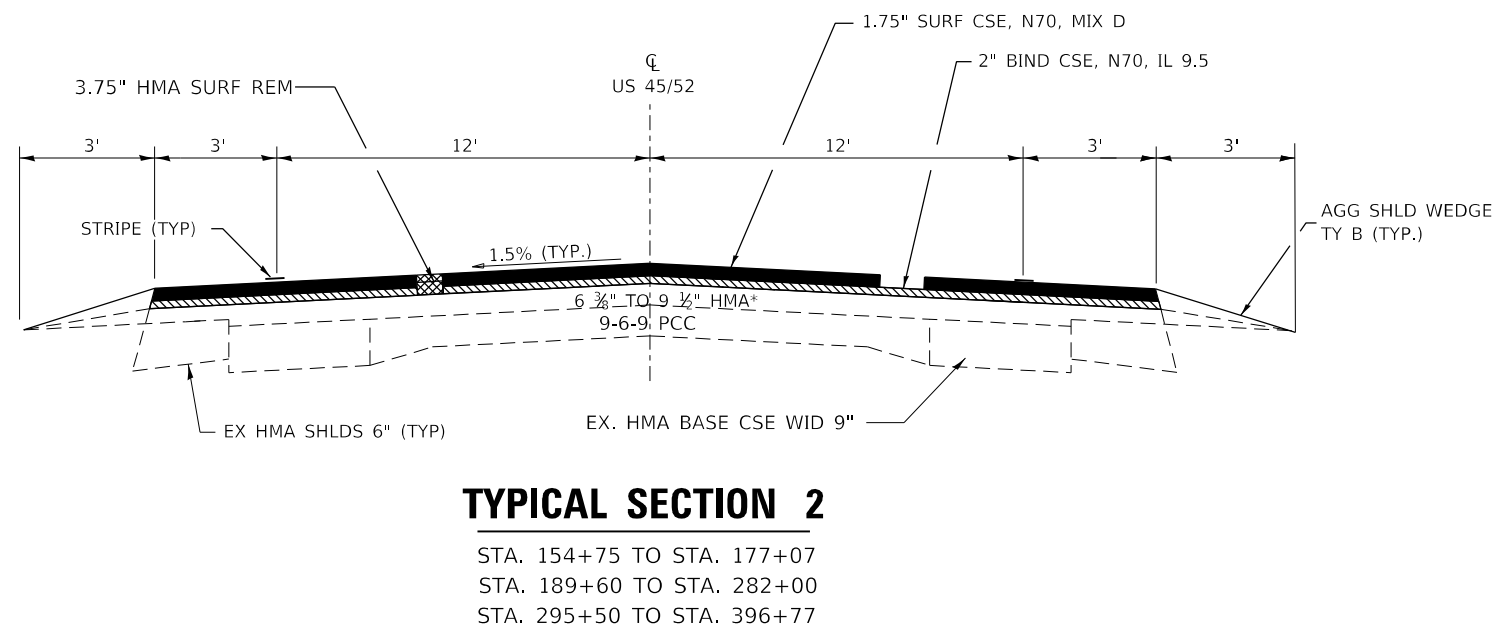
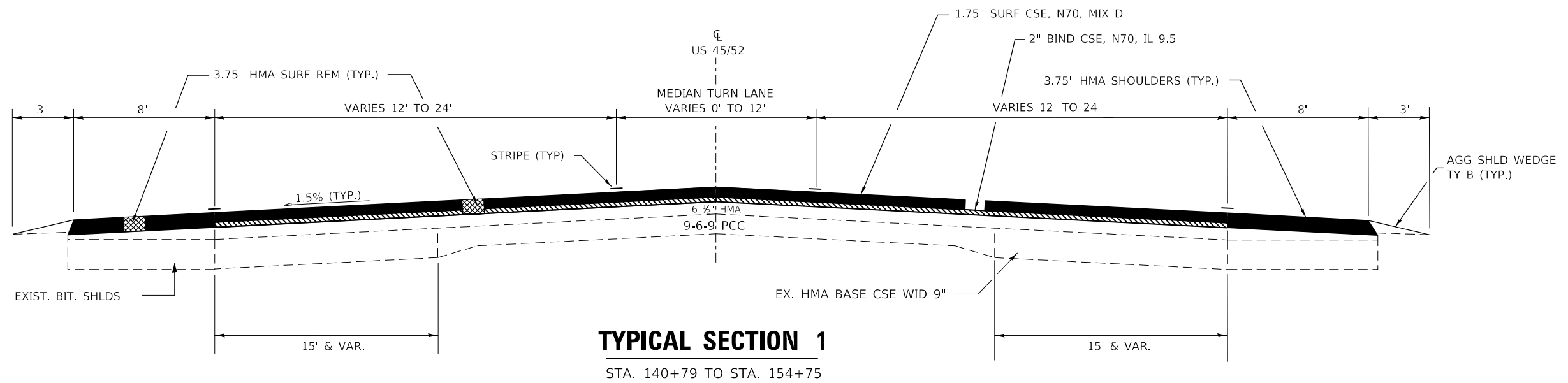
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				0005	0005	0005
				URBAN	RURAL	RURAL
* X0327809	LINEAR DELINEATOR PANELS, 4 INCH	EACH	18		4	14
X2140100	GRADING AND SHAPING DITCHES, SPECIAL	FOOT	740	200	340	200
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	11216	3317	3183	4716
X5430100	INSERTION CULVERT LINER (SPECIAL)	FOOT	54		54	
Z0004556	HOT-MIX ASPHALT SURFACE REMOVAL (DECK)	SQ YD	716			716
Z0005216	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SQ YD	540		92	448
Z0015500	DEBRIS REMOVAL	L SUM	1			1
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	2	1	1	
Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	1	1		
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	21		21
∅ Z0076600	TRAINEES	HOUR	2000	2000		
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	76877	11354	16395	49128
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	2000	2000		
Z0034105	MATERIAL TRANSFER DEVICE	TON	50587	7657	11454	31476

STP FUNDS
80% FED-20% STATE

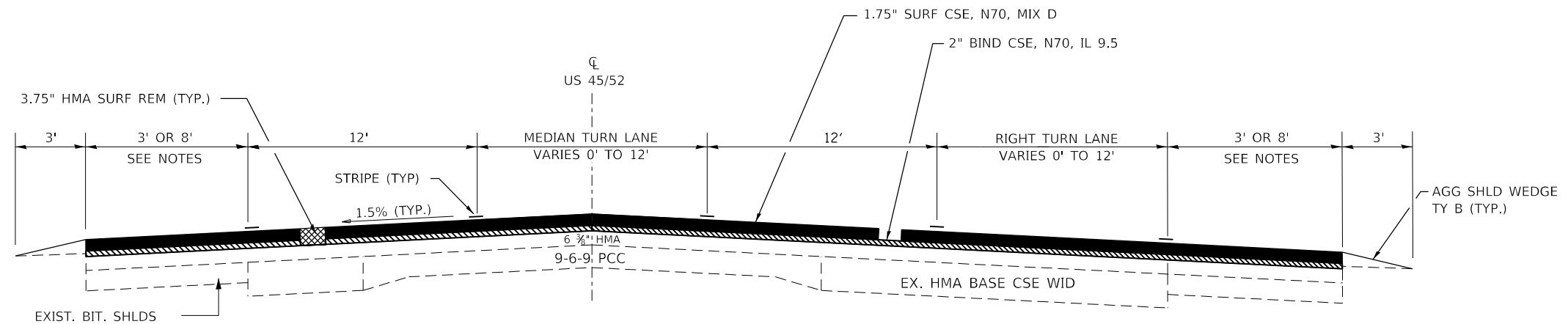
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PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	840	138 R5-4 & 139 R5-6	KANK / IROQ	52	7
PLOT DATE = 2/7/2020	CHECKED -	REVISED -		CONTRACT NO. 66B75										
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										



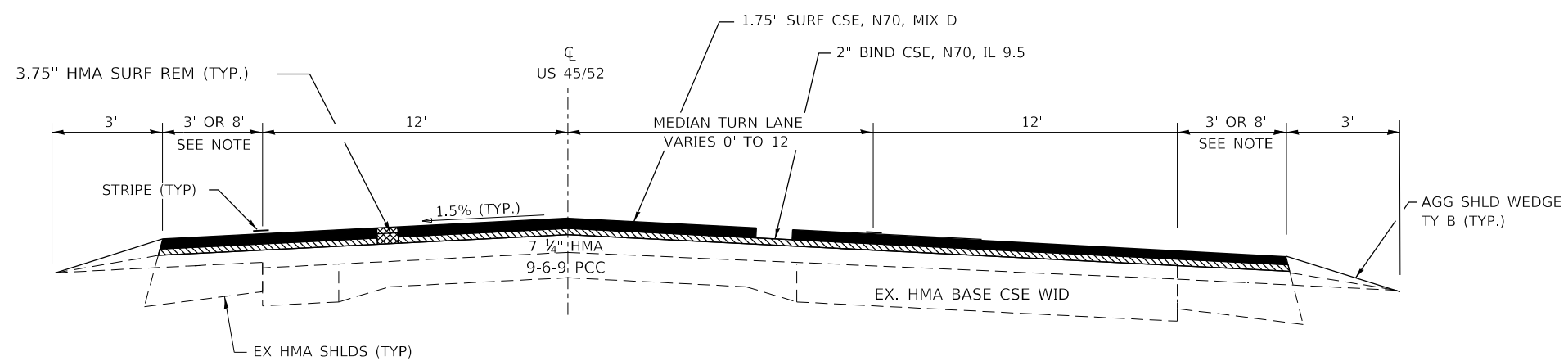
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MODELNAME	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 66B75					
	PLOT DATE = 2/6/2020	DATE -	REVISED -					ILLINOIS FED. AID PROJECT					



NOTES: RIGHT TURN LANE FROM STA. 180+00 TO STA. 182+87 RT AND WHERE SHOULDER IS 8', QUANTITY IS INCLUDED WITH INCIDENTAL HMA

TYPICAL SECTION 3

STA. 177+07 TO STA. 189+60



NOTE: WHERE SHOULDER IS 8', QUANTITY IS INCLUDED WITH INCIDENTAL HMA

TYPICAL SECTION 4

STA. 282+00 TO STA. 295+50

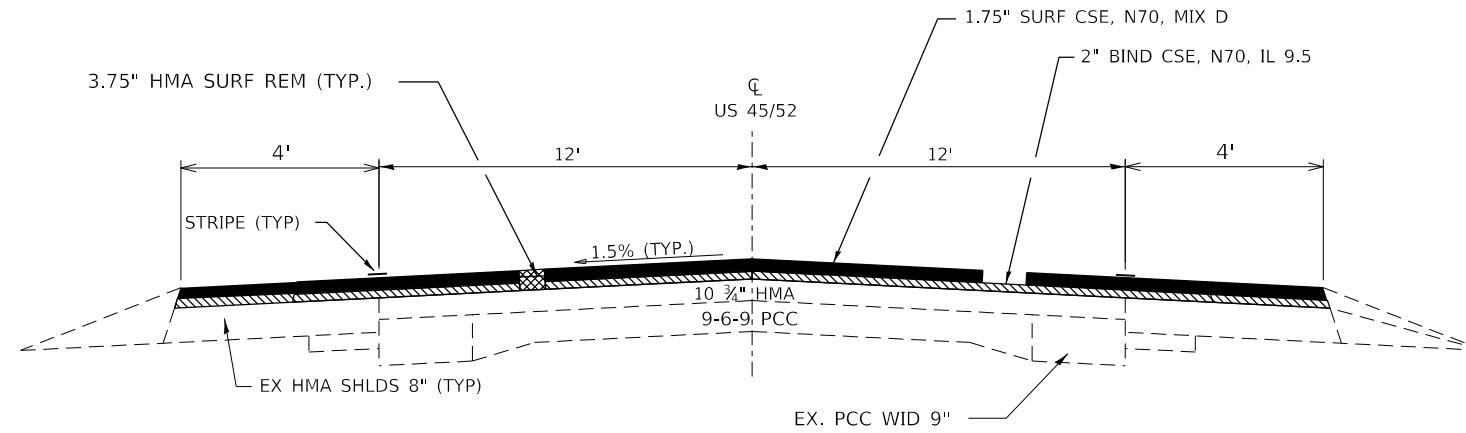
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	9
CONTRACT NO. 66B75			ILLINOIS FED. AID PROJECT	



TYPICAL SECTION 5

STA. 396+77 TO STA. 820+50

HMA MIXTURE REQUIREMENT TABLE

LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA BINDER	HMA SURFACE	HMA INCIDENTAL	HMA SHOULDER (3 3/4") BOTTOM LIFT	HMA SHOULDER (3 3/4") TOP LIFT
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N70	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5	IL 9.5	IL 9.5	IL 19.0	IL 9.5
FRICTION AGGREGATE:		MIXTURE D	MIXTURE C		
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCP	QCP	QCQA	QCQA	QCQA
SUBLOT SIZE:	1000 TONS	1000 TONS	NA	NA	NA
DENSITY TEST METHOD:	CORES	CORES	SATISFACTION OF ENGINEER	CORES/NUCLEAR	CORES/NUCLEAR

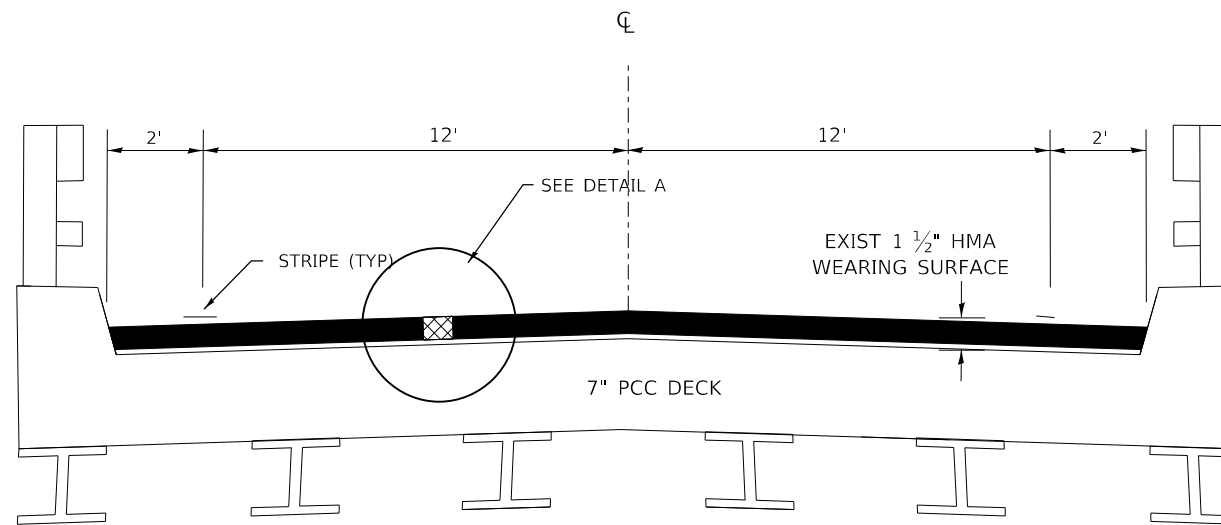
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	PLOT DATE = 2/6/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

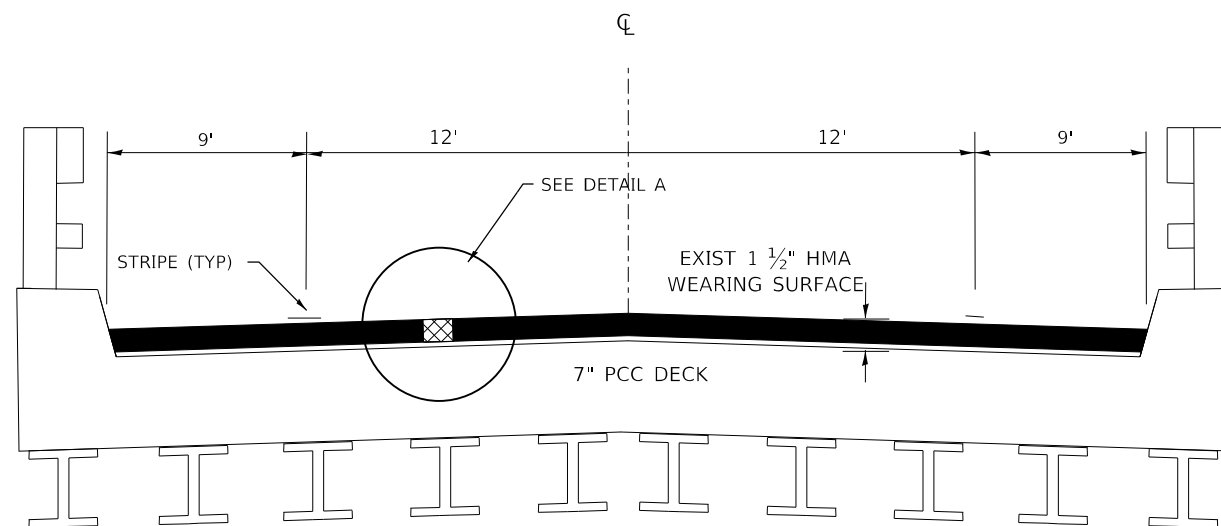
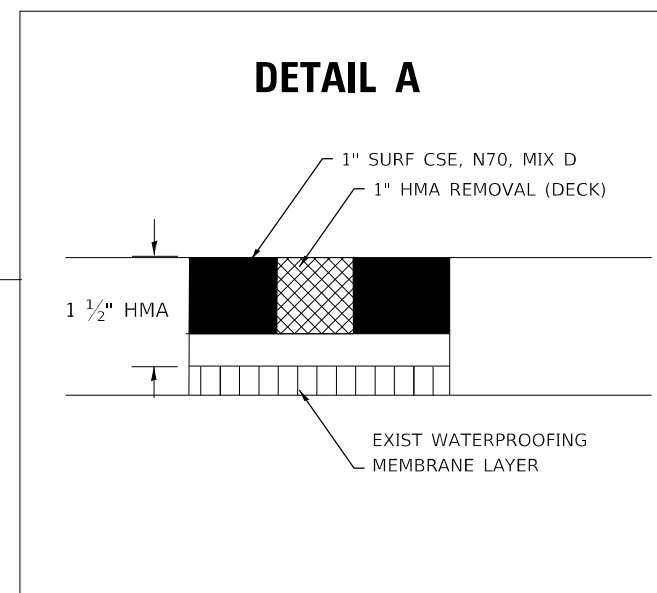
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	10
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				



NOT TO SCALE

SN 038-0115

STA. 549+55 TO STA. 550+89



NOT TO SCALE

SN 038-0117

STA. 751+51 TO STA. 751+11

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	11
CONTRACT NO. 66B75			ILLINOIS FED. AID PROJECT	

US 45 / US 52 - MAINLINE SCHEDULE

LOCATION	LENGTH	WIDTH	HMA SURF REM 3 3/4"	BIT MATL TACK COAT	LONG JOINT SEAL	MIX CR, JT, & FLGWY	HMA SURF CSE N70 MIX D (1.75")	HMA BIND IL-9.5 N70 (2")	AGG WEDGE SHLDS TY B	SHLDR RUMBLE STRIPS 8"	TEMP RAMP
STA TO STA	FOOT	FOOT	SQ YD	POUND	FOOT	TON	TON	TON	TON	FOOT	SQ YD
KANKAKEE COUNTY - URBAN											
140+79 TO 144+61	382	VAR	2,098.0	1,416.2	764	0.6	205.6	235.0	21.8	764	51.4
144+61 TO 147+86	325	38	1,372.2	926.3	650	0.4	134.5	153.7	13.4	470	
STA EQUATION 147+86 BK TO 147+50 AH											
147+50 TO 150+34	284	38	1,199.1	809.4	426	0.4	117.5	134.3	11.6	408	
150+34 TO 154+75	441	VAR	1,454.0	981.5	441	0.4	142.5	162.8	25.1	882	
154+75 TO 177+07	2,232	30	7,440.0	5,022.0	2,232	2.2	729.1	833.3	120.8	4,244	
177+07 TO 180+08	301	VAR	1,204.0	812.7	301	0.4	118.0	134.8	17.1	602	
180+08 TO 186+60	652	VAR	2,794.0	1,886.0	1,304	0.8	273.8	312.9	22.9	806	83.3
186+60 TO 189+60	300	VAR	1,200.0	810.0	600	0.4	117.6	134.4	14.7	516	
189+60 TO 195+78	618	30	2,060.0	1,390.5	618	0.6	201.9	230.7	35.2	1,236	
SN 046-0070 BRIDGE OMISSION 195+78 TO 196+82											
196+82 TO 237+00	4,018	30	13,393.3	9,040.5	4,018	4.0	1,312.5	1,500.1	217.3	7,632	33.3
URBAN TOTALS											
	9,553		34,215	23,095	11,354	10.3	3,353	3,832	500	17,560	168
KANKAKEE COUNTY - RURAL											
237+00 TO 281+84	4,484	30	14,946.7	10,089.0	4,484	4.5	1,464.8	1,674.0	232.6	8,168	
281+84 TO 286+64	480	VAR	1,920.0	1,296.0	480	0.6	188.2	215.0	27.3	960	
286+64 TO 290+82	418	VAR	1,801.3	1,215.9	836	0.5	176.5	201.7	6.0	209	73.6
290+82 TO 295+37	455	VAR	1,820.0	1,228.5	455	0.5	178.4	203.8	24.3	854	
295+37 TO 318+53	2,316	30	7,720.0	5,211.0	2,316	2.3	756.6	864.6	62.7	4,404	
318+53 TO 330+00	1,147	32	4,078.2	2,752.8	1,147	1.2	399.7	456.8	32.7	2,294	
330+00 TO 396+77	6,677	30	22,256.7	15,023.3	6,677	6.7	2,181.2	2,492.7	380.2	13,354	
RURAL TOTALS											
	15,977		54,543	36,816	16,395	16.4	5,345	6,109	766	30,243	74
IROQUOIS COUNTY - RURAL											
396+77 TO 549+58	15,281	32	54,332.4	36,674.4	15,281	16.3	5,324.6	6,085.2		30,562	33.3
SN 038-0115 BRIDGE OMISSION 549+58 TO 550+86											
550+86 TO 557+55	669	32	2,378.7	1,605.6	669	0.7	233.1	266.4		1,338	33.3
557+55 TO 609+95	5,240	32	18,631.1	12,576.0	5,240	5.6	1,825.8	2,086.7		10,480	
609+95 TO 636+45	2,650	32	9,422.2	6,360.0	2,650	2.8	923.4	1,055.3		5,300	33.3
636+45 TO 662+70	2,599	32	9,240.9	6,237.6	2,599	2.8	905.6	1,035.0		5,198	
662+70 TO 716+00	5,330	32	18,951.1	12,792.0	5,330	5.7	1,857.2	2,122.5		10,660	
716+00 TO 752+11	3,611	32	12,839.1	8,666.4	3,611	3.9	1,258.2	1,438.0		7,222	33.3
SN 038-0117 BRIDGE OMISSION 752+11 TO 752+75											
752+75 TO 769+20	1,645	32	5,848.9	3,948.0	1,645	1.8	573.2	655.1		3,290	
769+20 TO 820+50	5,130	32	18,240.0	12,312.0	5,130	5.5	1,787.5	2,042.9		10,260	33.3
RURAL TOTALS											
	42,155		149,884	101,172	48,930	45.0	14,689	16,787	0	84,310	167
GRAND TOTALS											
	67,685		238,642	161,083	76,679	71.7	23,387	26,728	1,266	132,113	409

URBAN RURAL SPLIT - STA 237+00
KANKAKEE / IROQUOIS SPLIT - STA 396+77

US 45 / US 52 - SHLDR SCHEDULE

LOCATION	LENGTH	SHLDR WIDTH		HMA SURF REM 3 3/4"	HMA SHLDR	BIT MATL TACK COAT
STA TO STA	FOOT	LT FOOT	RT FOOT	SQ YD	TON	POUND
KANKAKEE COUNTY - URBAN						
140+79 TO 144+61	382	8	8	679.1	142.6	458.4
145+33 TO 147+86	253	8	8	449.8	94.5	303.6
STA EQUATION 147+86 BK TO 147+50 AH						
147+50 TO 148+40	90	8	8	160.0	33.6	108.0
148+40 TO 150+34	194		8	172.4	36.2	116.4
150+34 TO 154+75	441	8	8	784.0	164.6	529.2
KANKAKEE URBAN TOTALS						
	1,360			2,245	472	1,516

NOTE: SEE MIX TABLE FOR HMA SHOULDER

BRIDGE RESURFACING SCHEDULE

STA. TO STA.	LENGTH	WIDTH	HMA SURF REM DECK (1")	HMA SURF CSE N70 MIX D (1")	LONG JOINT SEAL (1 APP)	MIX JTS, CRACKS & FLGWYS	BIT MAT'L TACK COAT
FROM TO	FT	FT	SQ YD	TONS	FOOT	TON	POUND
RURAL IROQUOIS							
SN 038-0115 BRIDGE OMISSION 549+58 TO 550+86							
549+55 TO 550+89	134	28	416.9	23.3	134	0.13	187.6
SN 038-0117 BRIDGE OMISSION 752+11 TO 752+75							
752+11 TO 752+75	64	42	298.7	16.7	64	0.09	134.4
IROQUOIS - RURAL TOTALS							
	198		716	40	198	0.2	322

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PLOT DATE = 2/6/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 R5-4 & 139 R5-6	KANK / IROQ	49	12
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				

SIDEROAD SCHEDULE										
STA	SIDE	STREET NAME	MATERIAL	LENGTH	WIDTH	AREA	HMA SURF REM VAR DEPTH	BIT MAT TACK COAT	INC HMA SURF	TEMP RAMP
				FOOT	FOOT	SQ YD	SQ YD	POUND	TON	SQ YD
KANKAKEE COUNTY - URBAN										
145+00	RT	Peerbotle Ave	HMA	24	43	180	180	81.0	26	23.9
160+56	RT	W Issert Dr	HMA	40	34	240	240	108.0	35	18.9
171+00	LT	Justice Way	HMA	30	27	143	143	64.4	21	15.0
183+40	LT	Airport Rd	HMA	42	37	483	483	217.4	71	20.6
183+40	RT	Fairgrounds Rd	HMA	50	44	927	927	417.2	136	24.4
236+63	LT	Otto Rd	HMA	30	23	150	150	67.5	22	12.8
236+68	RT	Otto Rd	HMA	30	26	172	172	77.4	25	14.4
KANKAKEE - URBAN TOTALS						2,295	2,295	1,033	337	130
KANKAKEE COUNTY - RURAL										
245+85	RT	Trailer CT	HMA	15	21	61	61	27.5	9	11.7
261+56	LT	MENTIS LN	HMA	10	14	22	22	9.9	3	7.8
289+94	RT	6000 S Rd	HMA	48	22	361	361	162.5	53	12.2
289+94	LT	6000 S Rd	HMA	44	32	404	404	181.8	59	17.8
315+33	RT	Bayberry Acres Rd.	HMA	13	21	36	36	16.2	5	11.7
343+25	RT	W 7000 S Rd	HMA	14	33	68	68	30.6	10	18.3
369+96	LT	E 7500 S Rd	HMA	30	21	130	130	58.5	19	11.7
396+77	RT	E 4100 N Rd	HMA	30	25	143	143	64.4	21	13.9
396+77	LT	E 4100 N Rd	HMA	30	25	144	144	64.8	21	13.9
KANKAKEE - RURAL TOTALS						1,369	1,369	616	201	119
IROQUOIS COUNTY - RURAL										
450+05	RT	Co Rd 3300 N	HMA	30	25	139	139	62.6	20	13.9
450+05	LT	Co Rd 3300 N	HMA	30	25	137	137	61.7	20	13.9
503+50	RT	Co Rd 3200 N	HMA	30	25	137	137	61.7	20	13.9
503+50	LT	Co Rd 3200 N	HMA	30	25	137	137	61.7	20	13.9
543+71	LT	3130 N Rd	HMA	15	35	88	88	39.6	13	19.4
557+50	RT	Co Rd 3100 N	HMA	30	25	137	137	61.7	20	13.9
609+95	RT	E 3000 N Rd	HMA	30	25	147	147	66.2	22	13.9
609+95	LT	E 3000 N Rd	HMA	30	25	159	159	71.6	23	13.9
610+94	RT	WEIGHT STATION	HMA	396	24	1235	1235	555.8	69	13.3
662+70	RT	E 2900 N Rd	HMA	30	25	137	137	61.7	20	13.9
662+70	LT	E 2900 N Rd	HMA	30	25	138	138	62.1	20	13.9
716+00	RT	Co Rd 2800 N	HMA	30	25	138	138	62.1	20	13.9
716+00	LT	Co Rd 2800 N	HMA	30	25	137	137	61.7	20	13.9
769+20	RT	Co Rd 2700 N	HMA	30	25	162	162	72.9	24	13.9
769+20	LT	Co Rd 2700 N	HMA	30	25	140	140	63.0	21	13.9
IROQUOIS - RURAL TOTALS						3,168	3,168	1,426	353	213
GRAND TOTALS						6,832	6,832	3,075	891	462

URBAN RURAL SPLIT - STA 237+00
KANKAKEE / IROQUOIS SPLIT - STA 396+77

CULVERT REPLACEMENT SCHEDULE													
LOCATION	FUND CODE	DRAINAGE STR TO BE REMOVED	PIPE CULV 30" EQRS CL A TY 1	CONC END SECT 1:3 STND 542001 30"	PIPE CULV TY C CL 1 18"	METAL FLRD END SECT 18"	CONC COLLAR	TRAVERSE PIPE GRATE FOR CONC END SECT	TRENCH BACKFILL	DOWEL BARS	SAW CUTS	CL B PATCH TY 2 18" **	STA
													STA
KANKAKEE - URBAN													
* CULVERT # 937	231+82	URBAN	1	42	2				9.5	5.7	40	94	20
IROQUOIS - RURAL													
* CULVERT #2722	715+78	RURAL				7	1	0.20					
KANKAKEE - URBAN TOTAL			1	42	2				10	6	40	94	20
IROQUOIS - RURAL TOTAL						7	1	0.2					

* LEFTOVER EARTHEN MATERIAL FROM THIS TYPE OF WORK CAN BE REMOVED FROM PROJECT LIMITS
** QUANTITY COMBINED TO PATCH AREA IN TWO STAGES

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/6/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 R5-4 & 139 R5-6	KANK / IROQ	49	13
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				

ENTRANCE SCHEDULE

STA	SIDE	ENTRANCE	MATERIAL	LENGTH	WIDTH	HMA SURF REM VAR DEPTH	BIT MAT TACK COAT	INC HMA SURF	TEMP RAMP
				FOOT	FOOT	SQ YD	POUND	TON	SQ YD
KANKAKEE COUNTY - URBAN									
144+96	LT	CE	HMA	15	47	110	50	16	26
149+14	LT	CE	HMA	15	118	272	122	40	66
156+92	LT	PE	HMA	9	18	23	10	3	10
159+06	LT	PE	HMA	9	15	22	10	3	8
161+77	LT	PE/MB	HMA	10	10	38	17	6	6
164+08	LT	PE	HMA	10	15	19	9	3	8
160+56	LT	CE	HMA	10	30	52	23	8	17
176+67	RT	CE	HMA	10	48	80	36	12	27
187+17	RT	PE	HMA	10	17	61	27	9	9
206+60	RT	PE/MB	HMA	12	10	53	24	8	6
207+47	RT	PE/MB	HMA	21	21	119	54	17	12
207+98	RT	PE/MB	HMA	21	18	91	41	13	10
209+44	RT	PE	HMA	10	14	25	11	4	8
227+02	RT	PE	HMA	18	17	57	26	8	9
KANKAKEE - URBAN TOTALS						1,022	460	150	221
KANKAKEE COUNTY - RURAL									
237+30	RT	PE/MB	HMA	11	10	24	11	4	6
239+44	RT	PE/MB	HMA	12	14	25	11	4	8
239+82	RT	PE	HMA	13	14	27	12	4	8
240+47	RT	PE	HMA	13	12	21	9	3	7
241+40	RT	PE/MB	HMA	13	12	27	12	4	7
242+99	RT	PE	HMA	13	14	28	13	4	8
244+63	RT	PE/MB	HMA	13	13	23	10	3	7
245+01	RT	PE	HMA	16	8	17	8	2	4
246+88	RT	PE	HMA	13	14	23	10	3	8
251+34	LT	PE	HMA	11	15	24	11	4	8
251+64	RT	PE/MB	HMA	10	20	26	12	4	11
251+84	RT	PE/MB	HMA	10	15	21	9	3	8
253+92	RT	PE/MB	HMA	13	11	25	11	4	6
254+54	RT	PE/MB	HMA	10	13	25	11	4	7
254+83	LT	PE	HMA	11	12	25	11	4	7
255+14	LT	PE	HMA	10	12	20	9	3	7
255+14	RT	PE/MB	HMA	11	13	23	10	3	7
256+39	RT	PE	HMA	10	13	21	9	3	7
256+41	LT	PE	HMA	10	14	22	10	3	8
256+80	RT	PE/MB	HMA	10	13	21	9	3	7
257+12	LT	PE	HMA	10	12	19	9	3	7
257+73	RT	PE/MB	HMA	10	21	29	13	4	12
257+78	LT	PE	HMA	10	12	19	9	3	7
258+99	RT	PE/MB	HMA	10	24	33	15	5	13
259+12	LT	PE	HMA	10	14	20	9	3	8
259+74	LT	PE	HMA	10	13	19	9	3	7
260+08	RT	PE/MB	HMA	10	13	23	10	3	7
261+48	RT	PE/MB	HMA	10	10	19	9	3	6
262+20	RT	PE/MB	HMA	10	13	20	9	3	7
262+35	LT	PE	HMA	10	15	22	10	3	8
263+14	RT	PE/MB	HMA	10	11	21	9	3	6
263+19	LT	PE	HMA	10	11	18	8	3	6
294+43	RT	PE/MB	HMA	10	13	45	20	7	7
303+69	LT	CE	HMA	24	35	109	49	16	19
303+69	RT	MB	HMA	7	30	24	11	4	17
305+38	RT	PE/MB	HMA	10	23	23	10	3	13
306+33	RT	PE	HMA	10	15	23	10	3	8
306+76	LT	CE	HMA	25	34	104	47	15	19
318+96	RT	PE/MB	HMA	12	22	28	13	4	12
319+70	LT	PE	HMA	10	12	21	9	3	7
321+42	RT	PE/MB	HMA	12	13	24	11	4	7
322+42	RT	PE/MB	HMA	12	13	24	11	4	7
323+60	RT	PE/MB	HMA	12	12	22	10	3	7
324+80	RT	PE/MB	HMA	12	14	27	12	4	8
325+58	RT	PE/MB	HMA	13	14	28	13	4	8
326+13	RT	PE	HMA	13	10	21	9	3	6
326+88	LT	PE	HMA	10	13	21	9	3	7
327+84	RT	PE/MB	HMA	12	13	28	13	4	7
328+50	RT	PE/MB	HMA	15	10	35	16	5	6
329+39	RT	PE/MB	HMA	14	13	35	16	5	7
331+32	LT	PE	HMA	10	13	21	9	3	7
331+32	RT	MB	HMA	7	30	31	14	5	17
333+32	RT	MB	HMA	6	35	27	12	4	19
333+39	LT	PE	HMA	10	17	23	10	3	9
335+70	RT	MB	HMA	7	30	31	14	5	17

ENTRANCE SCHEDULE (CONT.)

STA	SIDE	ENTRANCE	MATERIAL	LENGTH	WIDTH	HMA SURF REM VAR DEPTH	BIT MAT TACK COAT	INC HMA SURF	TEMP RAMP
				FOOT	FOOT	SQ YD	POUND	TON	SQ YD
336+01	LT	PE	HMA	10	20	26	12	4	11
337+76	RT	MB	HMA	6	41	33	15	5	23
337+99	LT	PE	HMA	14	12	32	14	5	7
339+26	RT	MB	HMA	7	22	27	12	4	12
339+61	LT	PE	HMA	11	14	25	11	4	8
342+45	LT	PE	HMA	10	17	27	12	4	9
365+87	RT	CE	HMA	13	28	51	23	7	16
367+23	RT	CE	HMA	12	33	46	21	7	18
368+42	LT	PE	HMA	11	24	42	19	6	13
KANKAKEE - RURAL TOTALS						1,814	816	267	598
IROQUOIS COUNTY - RURAL									
403+68	RT	MB	HMA	6	55	29	13	4	31
404+88	LT	PE	HMA	10	21	40	18	6	12
429+70	RT	PE/MB	HMA	12	44	63	28	9	24
435+90	LT	PE	HMA	11	15	26	12	4	8
435+90	RT	MB	HMA	5	58	46	21	7	32
469+65	RT	PE/MB	HMA	10	15	100	45	15	8
472+05	LT	PE	HMA	12	15	26	12	4	8
472+05	RT	MB	HMA	7	154	112	50	16	86
500+77	LT	PE	HMA	10	15	21	9	3	8
500+77	RT	MB	HMA	5	25	19	9	3	14
531+70	LT	CE	HMA	10	15	22	10	3	8
532+79	LT	MB	HMA	7	215	156	70	23	119
547+03	LT	PE	HMA	10	15	49	22	7	8
553+27	LT	PE/MB	HMA	10	15	50	23	7	8
564+97	LT	PE	HMA	10	20	24	11	4	11
608+17	RT	PE	HMA	12	15	24	11	4	8
629+95	LT	PE/MB	HMA	10	19	49	22	7	11
641+40	LT	PE/MB	HMA	10	22	37	17	5	12
679+15	RT	PE	HMA	10	20	24	11	4	11
708+65	LT	PE/MB	HMA	10	20	37	17	5	11
726+50	RT	PE	HMA	12	15	27	12	4	8
733+90	RT	PE	HMA	12	15	26	12	4	8
733+90	LT	MB	HMA	5	65	37	17	5	36
756+64	LT	PE/MB	HMA	10	21	38	17	6	12
765+50	RT	PE	HMA	12	15	27	12	4	8
766+35	LT	MB	HMA	5	67	38	17	6	37
767+05	RT	PE	HMA	12	15	27	12	4	8
771+06	RT	PE	HMA	12	15	25	11	4	8
771+75	RT	PE	HMA	12	15	27	12	4	8
772+75	RT	PE	HMA	12	15	27	12	4	8
773+83	RT	PE	HMA	12	15	27	12	4	8
774+88	RT	PE	HMA	12	15	27	12	4	8
775+90	RT	PE	HMA	12	15	27	12	4	8
777+18	RT	PE	HMA	12	15	27	12	4	8
779+30	RT	PE	HMA	12	15	27	12	4	8
803+80	LT	PE/MB	HMA	10	15	39	18	6	8
806+60	LT	PE/MB	HMA	10	15	36	16	5	8
818+60	LT	MB	HMA	5	88	58	26	9	49
818+60	RT	PE	HMA	12	15	27	12	4	8
IROQUOIS - RURAL TOTALS						1,548	697	228	699
GRAND TOTALS						4,384	1,973	645	1,518

URBAN RURAL SPLIT - STA 237+00
KANKAKEE / IROQUOIS SPLIT - STA 396+77

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

USER NAME = calderoni	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/6/2020	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 R5-4 & 139 R5-6	KANK / IROQ	49	14
CONTRACT NO. 66B75				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.
ILLINOIS FED. AID PROJECT				

DRAINAGE SCHEDULE

CULV OR STR #	STA	STRUCTURE TYPE	FUND CODE	FLOOR DRAINS TO BE CLEANED	DEBRIS REMOVAL	CLEAN EXIST END SECTION	STONE RIPRAP CL A4 (16")	FILTER FABRIC	INSERT CULV LINER SPL	METAL FLARED END SEC 24"	DRAINAGE STRUCTURES TO BE CLEANED	COMMENTS
				EACH	L SUM	EACH	SQ YD	SQ YD	FOOT	EACH	EACH	
046-2508 (**)	219+25	DBL 7'X7' PRC BOX 10 DEG SKEW LENGTH = 62'	KANK-URBAN								1	CLEAN APPROX 2.5' OF SEDIMENT INSIDE BARREL
CULV# 647 (**)	252+34 (LT)	54" PRC CULV LENGTH 72'	KANK-RURAL			1						CLEAN SILT AND DEBRIS FROM EAST END SECTION
SS INLET (*)	263+60 (LT)	42" SS PIPE WITH END GRATED SECTION	KANK-RURAL			1	8	8				CLEAN UPSTREAM INLET (EAST) AND INSTALL 12'X6' RIPRAP
CULV# 768 (**)	331+07	4'X3' CIP BOX LENGTH 46'	KANK-RURAL						54	2		LINE CULVERT WITH 24" CMP & METAL END SECTIONS (SEE SPECIAL PROV). FLOW IS TO THE EAST.
CULV# 936 (**)	339+39	3'X2' PRC BOX WITH EXTENDED 36" CMP EQRS. LENGTH 48'	KANK-RURAL								1	CLEAN APPROX 2' OF SEDIMENT INSIDE BARREL
046-2009 (**)	375+78	DLB 8'X6' PRC BOX WITH PRC END SEC LENGTH 65'	KANK-RURAL				17	17				PLACE RIPRAP AT UPSTREAM (TOEWALL) END OF CULVERT (26'X6')
038-0115 (*)	550+86	2-SPAN BRIDGE 134' @ 45 DEG SKEW	IROQ-RURAL	16	1		16	16				DEBRIS REMOVAL: SEE SPECIAL PROV / FLOOR DRAIN TO BE CLEANED: CLEAN & UNPLUG FLOOR DRAINS ON BRIDGE DECK.
CULV# 645 (**)	559+66	4'X3' BOX CULV LENGTH 78'	IROQ-RURAL				12	12				PLACE RIPRAP AT EAST OUTLET (12'X9')
038-2531 (**)	662+47	6'X3' BOX CULV LENGTH 102'	IROQ-RURAL			1						REMOVE DEBRIS AT UPSTREAM (WEST) END SECTION
038-2532 (**)	737+64	6'X4' CIP BOX CULV LENGTH 60'	IROQ-RURAL				12	12				PLACE RIPRAP AT EACH END SECTION (9'X6')
KANKAKEE - URBAN TOTAL											1	
KANKAKEE - RURAL TOTAL						2	25	25	54	2	1	
IROQUOIS - RURAL TOTAL				16	1	1	40	40				
TOTALS				16	1	3	65	65	54	2	2	

BEDDING IS INCLUDED IN THE COST OF RIPRAP CL 4A
URBAN/RURAL SPLIT AT STA 237+00

(*) DUE TO ENVIRONMENTAL RESTRICTIONS ALL EARTHEN MATERIAL OR SILT MUST REMAIN WITHIN PROJECT LIMITS
(**) LEFTOVER EARTHEN MATERIAL IN THIS AREA CAN BE REMOVED FROM PROJECT LIMITS.

GRADING & SHAPING DITCHES

LOCATION	SIDE LT/RT	FUND CODE	LENGTH	GRAD & SHAPE DITCHES (SPL)	EROSION CNTRL BLANKET	(FOR ESTIMATING ONLY)*				DIRECTION OF FLOW	
						SEED CL 2A	FERTILIZER NUTRIENTS				
FROM	TO			FOOT	SQ YD	ACRE	NITRO POUND	PHOS POUND	POT POUND		
** 230+00	232+00	LT (EAST)	KANK-URBAN	200	200	222	0.046	4.1	4.1	4.1	NORTH
** 263+60	265+00	RT (WEST)	KANK-RURAL	140	140	156	0.032	2.9	2.9	2.9	NORTH
** 331+00	333+00	LT (EAST)	KANK-RURAL	200	200	222	0.046	4.1	4.1	4.1	SOUTH
** 607+80	609+80	LT (EAST)	IROQ-RURAL	200	200	222	0.046	4.1	4.1	4.1	SOUTH
KANKAKEE - URBAN TOTAL				200	200	222	0.05	4	4	4	
KANKAKEE - RURAL TOTAL				340	340	378	0.08	7	7	7	
IROQUOIS - RURAL TOTAL				200	200	222	0.05	4	4	4	
GRAND TOTAL				740	740	822	0.17	15	15	15	

URBAN/RURAL SPLIT AT STA 237+00

KANKAKEE/IROQUOIS SPLIT AT STA 396+77

* SEE GRADING & SHAPING DITCHES (SPL) SPECIAL PROV

** LEFTOVER EARTHEN MATERIAL OR SILT CAN BE REMOVED FROM PROJECT LIMITS.

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USER NAME = calderon	DESIGNED -	REVISED -
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PLOT DATE = 2/6/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 R5-4 & 139 R5-6	KANK / IROQ	49	15
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				

GUARDRAIL SCHEDULE

LOCATION	DIRECTION	FUND CODE	REQ'D LENGTH OF NEED	PAVT REM **	TBT TY 1 (SPL) TANGENT	TBT TY 6A	GR REM	SPBGR		HMA STAB AT SPBGR 6"	TERM MARKER DIRECT APPLIED	EARTH EX (6") *	GR REFL TY A	LIN DEL PANEL 4"	
								TY A 6-FT POST	TY A 9-FT POST						
FROM	TO		FOOT	SQ YD	EACH	EACH	FOOT	FOOT	FOOT	SQ YD	EACH	CU YD	EACH	EACH	
STA 252+34															
251+81.50	252+19.00	NB DEPARTING	KANK-RURAL	237.5	1		245	162.5		91.8	1	15	4	4	
252+19.00	254+19.00	NB APPROACHING	KANK-RURAL		1				1						
SN 038-0115															
547+90.00	549+40.00	NB DEPARTING (NE QUAD)	IROQ-RURAL	150.0	10.0	1	1	128		75.0	60.4	1	10	4	2
550+67.00	552+67.00	NB APPROACHING (SE QUAD)	IROQ-RURAL	200.0	16.2	1	1	128		125.0	77.1	1	13	4	2
551+05.00	549+55.00	SB DEPARTING (SW QUAD)	IROQ-RURAL	150.0	3.6	1	1	128		75.0	60.4	1	10	4	2
SN 038-0117															
750+73.50	752+11.00	NB DEPARTING (NE QUAD)	IROQ-RURAL	137.5		1	1	128		62.5	52.1	1	9	4	2
752+75.00	754+75.00	NB APPROACHING (SE QUAD)	IROQ-RURAL	200.0		1	1	214		125.0	73.0	1	12	4	2
750+11.00	752+11.00	SB APPROACHING (NW QUAD)	IROQ-RURAL	200.0		1	1	214		125.0	73.0	1	12	4	2
752+75.00	754+12.50	SB DEPARTING (SW QUAD)	IROQ-RURAL	137.5		1	1	128		62.5	52.1	1	9	4	2
KANKAKEE RURAL TOTAL				238	0	2	0	245	162.5	0	92	2	15	4	4
IROQUOIS RURAL TOTAL				1,175	30	7	7	1,068	0	650.0	448	7	75	28	14
GRAND TOTAL				1,413	30	9	7	1,313	162.5	650.0	540	9	90	32	18

FOR SPACING OF GUARDRAIL REFLECTORS SEE HWY STND 782006

SEE SP FOR LINEAR DELINATOR PANEL (4")

* DUE TO ENVIRONMENTAL RESTRICTIONS ALL EXCAVATED MATERIAL MUST REMAIN WITHIN PROJECT LIMITS

HOWEVER, SURPLUS MATERIAL MAY BE USED AS SIDEROAD FURNISHED EX (SEE DETAIL), REGRADED BEHIND THE GUARDRAIL, OR AT BACKSLOPES

** PAVT REMOVAL TO EXTEND THE GUARDRAIL TO PROPOSED LENGTH OF NEED

US 45 / US 52 - SHORT TERM PAVEMENT MARKING

LOCATION	LENGTH	INSTALL	REMOVAL
		(3 APPS)	(2 APPS)
STA TO STA	FOOT	FOOT	SQ FT
KANKAKEE COUNTY - URBAN			
140+79 TO 144+60	381	404	89
145+23 TO 147+86	263		
STA EQUATION 147+86 BK TO 147+50 AH		633	139
147+50 TO 148+65	115		
148+65 TO 154+75	610	980	216
154+75 TO 172+09	1,734	520	114
172+09 TO 183+40	1,131	919	202
183+40 TO 189+60	620	655	144
189+60 TO 196+82	722	204	45
196+82 TO 237+00	4,018	1,205	265
KANK-URBAN TOTALS	9,594	5,521	1,215
KANKAKEE COUNTY - RURAL			
237+00 TO 276+84	3,984	1,195	263
276+84 TO 289+94	1,310	1,178	259
289+94 TO 295+37	543	627	138
295+37 TO 320+71	2,534	300	66
320+71 TO 331+62	1,091	982	216
331+62 TO 343+25	1,163	349	77
343+25 TO 370+00	2,675	803	177
370+00 TO 396+77	2,677	803	177
KANK-RURAL TOTALS	15,977	6,236	1,372
IROQUOIS COUNTY - RURAL			
396+77 TO 450+05	5,328	1,598	352
450+05 TO 503+50	5,345	1,604	353
503+50 TO 543+71	4,021	1,206	265
543+71 TO 556+50	1,279	384	84
556+50 TO 609+95	5,345	1,604	353
609+95 TO 662+70	5,275	1,583	348
662+70 TO 716+00	5,330	1,599	352
716+00 TO 769+20	5,320	1,596	351
769+20 TO 820+50	5,130	1,605	353
IROQ-RURAL TOTALS	42,373	12,778	2,811
GRAND TOTAL	67,944	24,535	5,398

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 R5-4 & 139 R5-6	KANK / IROQ	49	16
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				

US 45 / US 52 - MAINLINE PAVEMENT MARKING

LOCATION	LENGTH FOOT	PAINT PAVT MARK (2 APPS)		THERMOPLASTIC PAVT MARKING										RRPM																
		4"		6"		4"		6"		8"		12"		24"		LTRS & SYMB WHITE ARROWS	RAISED REFLECT PAVT MARKERS		RAISED REFLECT PVMT MRK MARKER REMOVAL											
		Y	W	Y	W	W	Y	Y	W	W	W	Y	W	W	AMBER		CRYSTAL	EACH		EACH	EACH									
		NP ZONE	EOP	CL SKIPS	EOP LINE	MEDIAN LINE	NP ZONE LINE	CL SKIPS	TURN LANE	ISLAND	ISLAND	DIAG LINE	STOP BARS	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT									
KANKAKEE COUNTY - URBAN																														
140+79 TO 144+60	381							598	1,022					219					32		47	12	5	17						
PEERBOTLE AVE																														
145+23 TO 147+86	263																			16										
STA EQUATION 147+86 BK TO 147+50 AH																														
147+50 TO 148+65	115							756	1,780					222						63		47	26	5	31					
148+65 TO 154+75	610							1,070	3,268											132			40		40					
ISSERT DR																														
154+75 TO 172+09	1,734							3,309														32			30					
172+09 TO 183+40	1,131							2,262	2,198	400	434			260	132	61	145					62			42	5	47			
AIRPORT RD (4000 RD)																														
183+40 TO 189+60	620							56	124											18		45				26	3	29		
189+60 TO 195+78	618							1,240	1,986					145							146		31			8		8		
195+78 TO 196+82	104	416				52																			1		1			
OTTO RD (5000 RD)																														
196+82 TO 237+00	4,018							8,036			1,005											24						50		50
KANK-URBAN TOTALS		9,594		416		52			29,841		1,693		996		579		117		187					253		253				
KANKAKEE COUNTY - RURAL																														
237+00 TO 276+84	3,984							7,968			996												50		50					
276+84 TO 289+94	1,310							2,620	2,826	500	125			145							232		31	35	3	38				
6000 RD																														
289+94 TO 295+37	543							1,086	2,090													175			26		26			
295+37 TO 320+71	2,534	8,136	8,136					1,000	1,000																32		32			
320+71 TO 331+62	1,091	2,182	4,364	546																					14		14			
331+62 TO 343+25	1,163		4,652	582																					15		15			
7000 RD																														
343+25 TO 370+00	2,675		10,700	1,338																		14			33		33			
7500 RD																														
CH 37 (4100 RD)																														
370+00 TO 396+77	2,677		10,708	1,339																		28			33		33			
KANK-RURAL TOTALS		15,977		48,878		3,803			19,090		1,121		145		407		93		31					33		241				
IROQUOIS COUNTY - RURAL																														
396+77 TO 450+05	5,328		21,312	2,664																				67		67				
3300 RD																														
450+05 TO 503+50	5,345		21,380	2,673																			24		67					
3200 RD																														
503+50 TO 543+71	4,021		16,084	2,011																			28		50					
3130 RD																														
543+71 TO 556+50	1,279		5,116	640																			14		16					
CH 29 / 3100 RD																														
556+50 TO 609+95	5,345		21,380	2,673																			16		67					
3000 RD																														
609+95 TO 662+70	5,275		21,100	2,638																			32		66					
2900 RD																														
662+70 TO 716+00	5,330		21,320	2,665																			32		67					
2800 RD																														
716+00 TO 769+20	5,320		21,280	2,660																			22		67					
2700 RD																														
769+20 TO 820+50	5,130		20,520	2,565																			24		65					
820+50 TO 822+00	150																						11	12		65				
IROQ-RURAL TOTALS		42,523		169,492		21,187			652															204		531				
GRAND TOTALS		68,094		218,786		25,042			49,583		2,814		1,141		986		414		218					1,025		1,025				

URBAN/RURAL SPLIT - STA 237+00
KANKAKEE/IROQUOIS SPLIT - 396+77

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.
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SCHEDULES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK / IROQ	49	17
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				

PERMANENT SURVEY MARKER SCHEDULE

US RTE. 45/52 LOCATION: 0.2 MI S OF I-57 IN KANKAKEE TO IL 49, 4.5 MI E OF ASHKUM KANKAKEE AND IROQUOIS COUNTIES

GPS NUMBER	DESCRIPTION	APPROXIMATE LOCATION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY	FUND CODE
KANKAKEE COUNTY - URBAN							
045399	E QTR CORNER SECTION 19, T30N, R13W, 2ND PM	2500'+/- SOUTH OF CENTER OF I-57	MAG NAIL	TYPE 1	YES	1	KANK-URBAN
A045399	E QTR CORNER SECTION 19, T30N, R13W, 2ND PM	2425'+/- SOUTH OF CENTER OF I-57 (SECOND OPINION)	MISSING	MAG NAIL	YES, WITH 045399	2	
045398	NW CORNER SECTION 29, T30N, R13W, 2ND PM	4000 S. RD.	DISK STEM	TYPE 1	YES	1	KANK-URBAN
B045397	W QTR CORNER SECTION 29, T30N, R13W, 2ND PM	1/2 MILE SOUTH OF 4000 S. RD.	MAG NAIL	TYPE 1	YES	1	KANK-URBAN
A045397	W QTR CORNER SECTION 29, T30N, R13W, 2ND PM	1/2 MILE SOUTH OF 4000 S. RD. (SECOND OPINION)	PIN IN HOLE	MAG NAIL	YES WITH B045397	2	
4552301	SW CORNER SECTION 29, T30N, R13W, 2ND PM	OTTO ROAD, 5000 S. RD.	MAG NAIL / DISK	TYPE 1	YES	1	KANK-URBAN
KANKAKEE COUNTY - RURAL							
A045395	E QTR CORNER SECTION 31, T30N, R13W, 2ND PM	1/2 MILE SOUTH OF OTTO ROAD, 145' +/- SOUTH OF MH PARK ENTRANCE	DISK	TYPE 1	YES	1	KANK-RURAL
045394	NW CORNER SECTION 5, T29N, R13W, 2ND PM	6000 S. RD.	DISK	TYPE 1	YES	1	KANK-RURAL
A045393	E QTR CORNER SECTION 6, T29N, R13W, 2ND PM	1/2 MILE SOUTH OF 6000S. RD.	MAG NAIL	TYPE 1	YES	1	KANK-RURAL
045392	SE CORNER SECTION 6, T29N, R13W, 2ND PM	7000 S. RD.	MISSING	TYPE 1	YES	1	KANK-RURAL
045391	E QTR CORNER SECTION 7, T29N, R13W, 2ND PM	7500 S. RD.	PLAQUE STEM	TYPE 1	YES	1	KANK-RURAL
045390	NW CORNER SECTION 17, T29N, R13W, 2ND PM	4100 N. RD. / COUNTY HIGHWAY 37	MISSING	TYPE 1	YES	1	KANK-RURAL
IROQUOIS COUNTY - RURAL							
045389	W QTR CORNER SECTION 17, T29N, R13W, 2ND PM	1/2 MILE SOUTH OF 4100 N. RD.	MAG NAIL	TYPE 1	YES	1	IROQ-RURAL
045388	SW CORNER SECTION 17, T29N, R13W, 2ND PM	3300 N. RD.	PK NAIL	TYPE 1	YES	1	IROQ-RURAL
A045388	SW CORNER SECTION 17, T29N, R13W, 2ND PM	3300 N. RD. (SECOND OPINION)	MAG NAIL	MAG NAIL	YES WITH 045388	2	
045387	NW CORNER SECTION 29, T29N, R13W, 2ND PM	3200 N. RD.	DISK	TYPE 1	YES	1	IROQ-RURAL
045385	SW CORNER SECTION 29, T29N, R13W, 2ND PM	3100 N. RD.	REBAR	TYPE 1	YES	1	IROQ-RURAL
045058	SW CORNER SECTION 5, T29N, R13W, 2ND PM	2900 N. RD	DISK	TYPE 1	NO, A GOOD MONUMENT RECORD EXISTS	1	IROQ-RURAL
045379	E QTR CORNER SECTION 7, T29N, R13W, 2ND PM	1/2 MILE SOUTH OF 2900 N. RD	DISK	TYPE 1	YES	1	IROQ-RURAL
045378	SE CORNER SECTION 7, T29N, R13W, 2ND PM	2800 N. RD	PIN	TYPE 1	YES	1	IROQ-RURAL
045377	W QTR CORNER SECTION 17, T28N, R13W, 2ND PM	1/2 MILE SOUTH OF 2800 N. RD	MAG NAIL	TYPE 1	YES BY KRAUSE	1	IROQ-RURAL
045376	SW CORNER SECTION 17, T28N, R13W, 2ND PM	2700 N. RD.	MAG NAIL	TYPE 1	YES	1	IROQ-RURAL
045375	E QTR CORNER SECTION 19, T28N, R13W, 2ND PM	1/2 MILE SOUTH OF 2700 N. RD.	DISK	TYPE 1	YES	1	IROQ-RURAL

COORDINATES ON THE LISTED MONUMENTS ARE KNOWN. PRE CONSTRUCTION TIES BY THE R.E. ARE NOT REQUIRED. UNKNOWN MONUMENTS SET BY OTHERS MAY EXIST. IF FOUND, THE R.E. MUST TIE AND REQUEST PLATS AND PLANS PERSONNEL TO GPS ANY MONUMENT(S) SUBJECT TO DAMAGE OR DESTRUCTION FROM THE RESURFACING WORK, AND INFORM THEM TO RESET THE MONUMENT(S) WHEN RESURFACING IS COMPLETE. THE R.E. IS TO INFORM THE PLATS AND PLANS SECTION TO SEARCH FOR ADDITIONAL MONUMENTS IF THE JOB LIMITS ARE EXPANDED DURING CONSTRUCTION. UPON PAVING COMPLETION, THE R.E. WILL DIRECT PLATS AND PLANS PERSONNEL TO STAKE THE LOCATIONS FOR TYPE 1 MONUMENT CORING. PLATS AND PLANS WILL PREPARE AND RECORD THE REQUIRED MONUMENT RECORDS.

RESPONSIBILITY:
 1) RESIDENT TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED. PERMANENT SURVEY MARKER, TYPE 1)
 2) PLATS AND PLANS TO RE-ESTABLISH MONUMENT

MODEL: \\MODELMARKETS\FILE MARKETS\corp\work\shidob\calderoni\0382773\0366875-shr-schedule.dgn

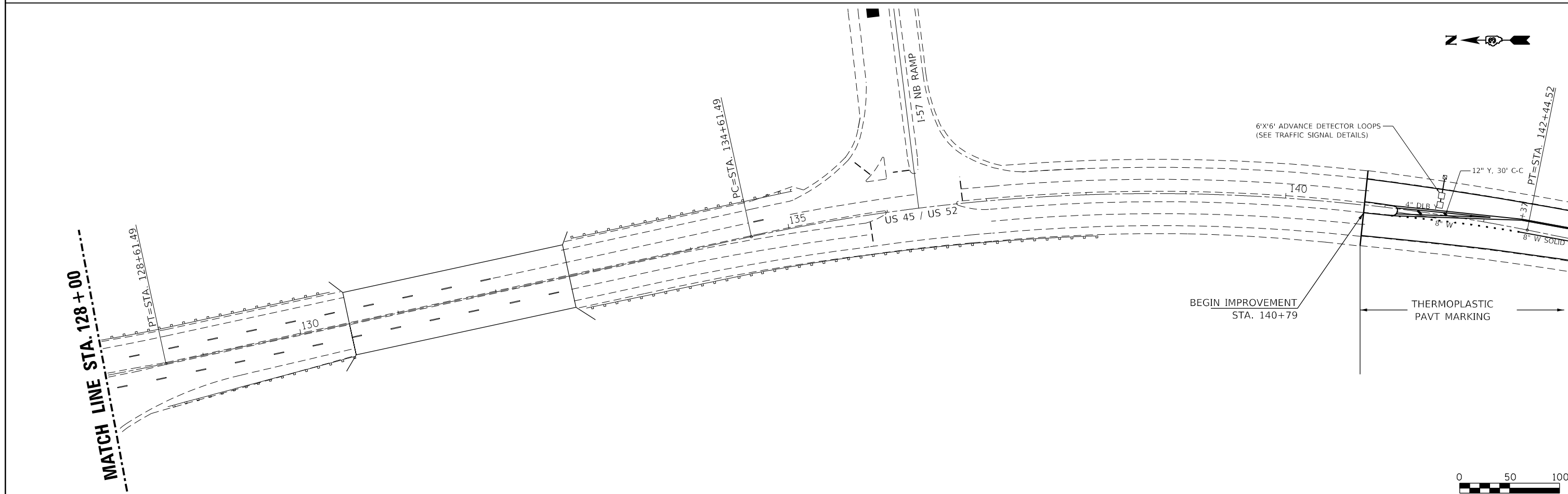
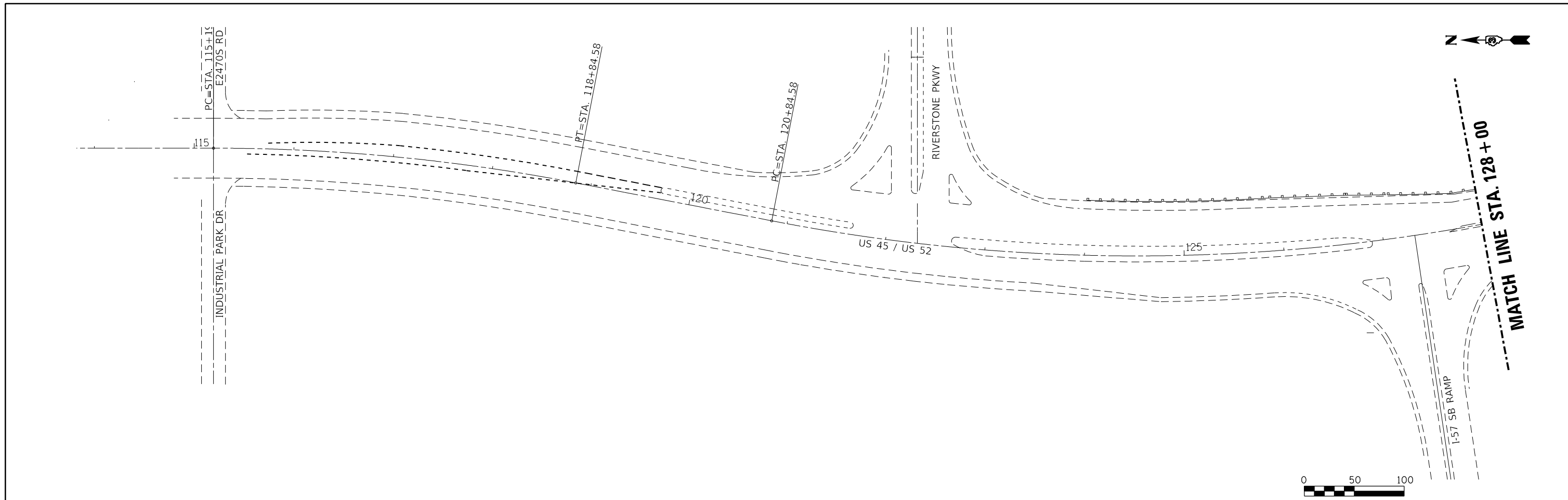
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

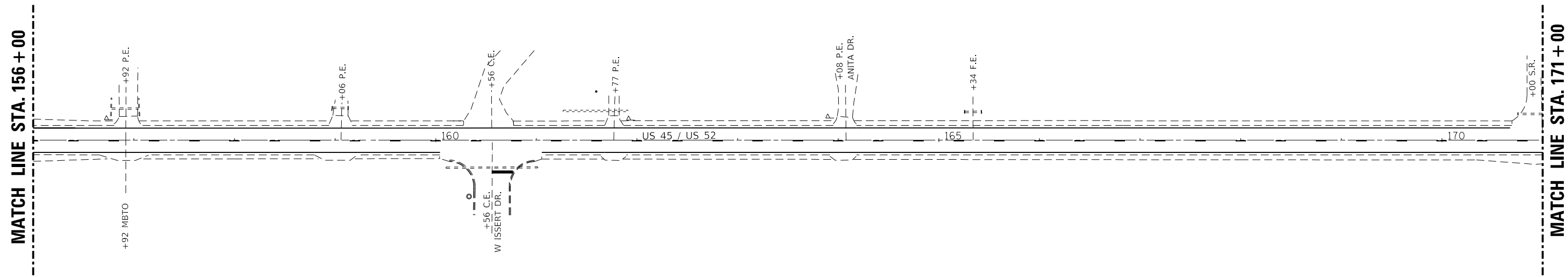
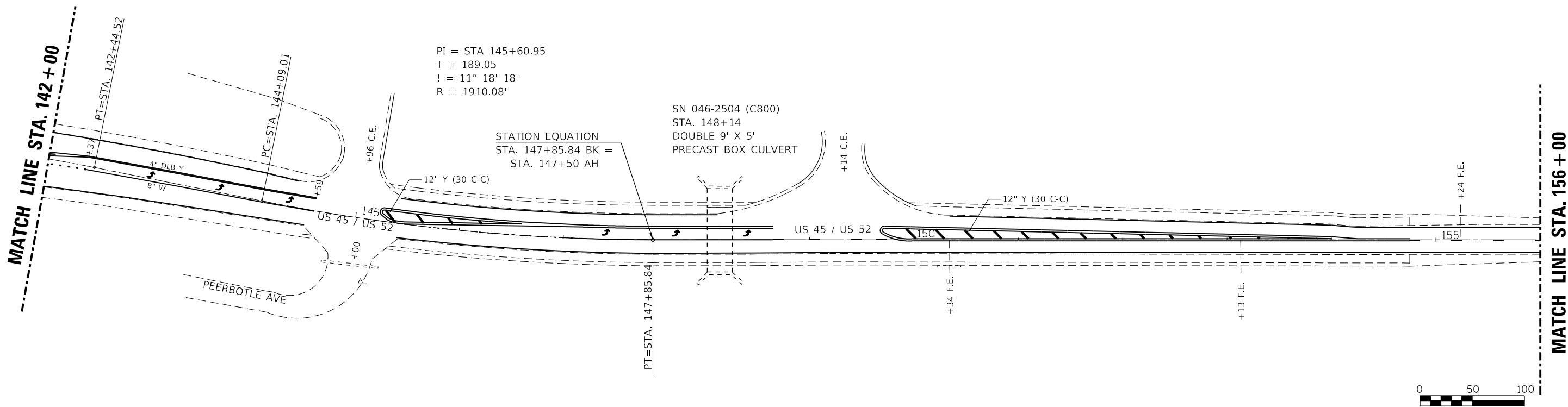
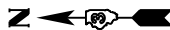
SCHEDULES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 R5-4 & 139 R5-6	KANK / IROQ	49	18
CONTRACT NO. 66B75				
		ILLINOIS	FED. AID PROJECT	



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	PLOT DATE = 2/6/2020	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



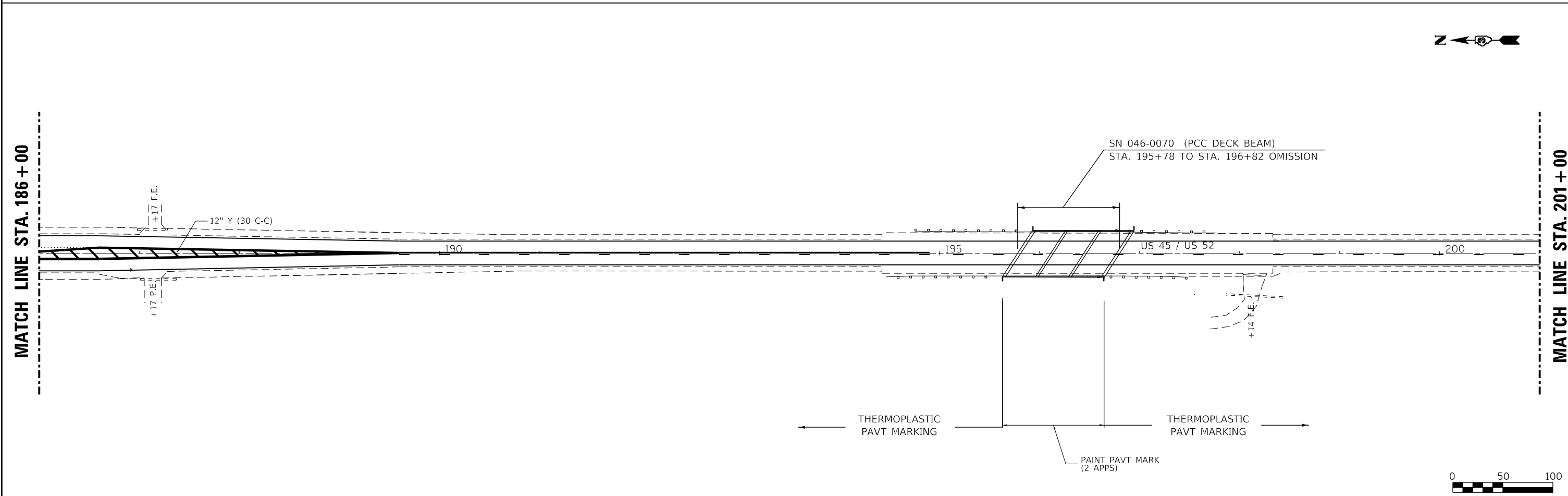
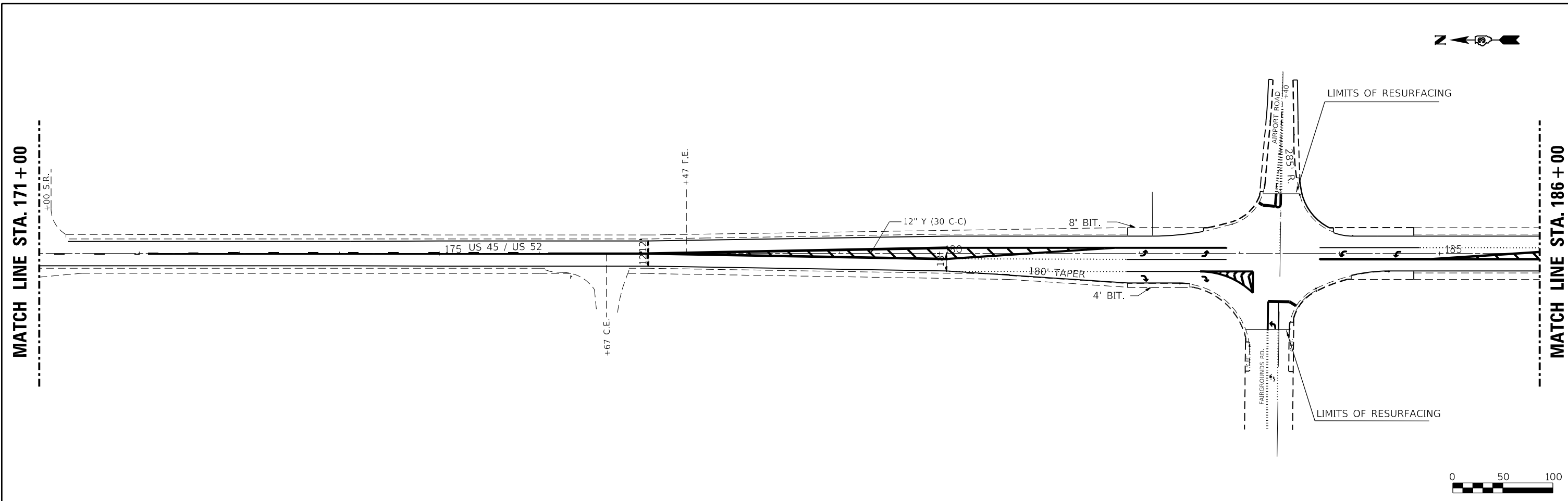
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PLOT DATE = 2/6/2020		DATE -	REVISED -

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PLAN VIEWS

SCALE: 50 SHEET 2 OF 24 SHEETS STA. 142+00 TO STA. 171+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	20
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				

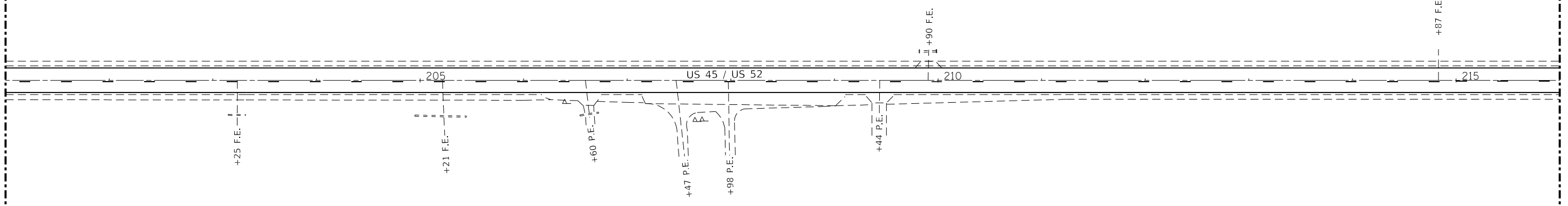


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	PLOT SCALE = 100.000 / in.	CHECKED -	REVISED -		CONTRACT NO. 66B75							
	PLOT DATE = 2/6/2020	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



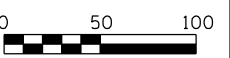
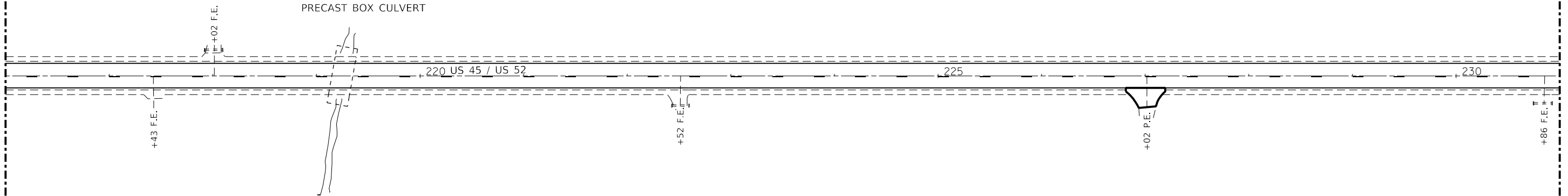
MATCH LINE STA. 201+00

MATCH LINE STA. 216+00



MATCH LINE STA. 216+00

MATCH LINE STA. 231+00



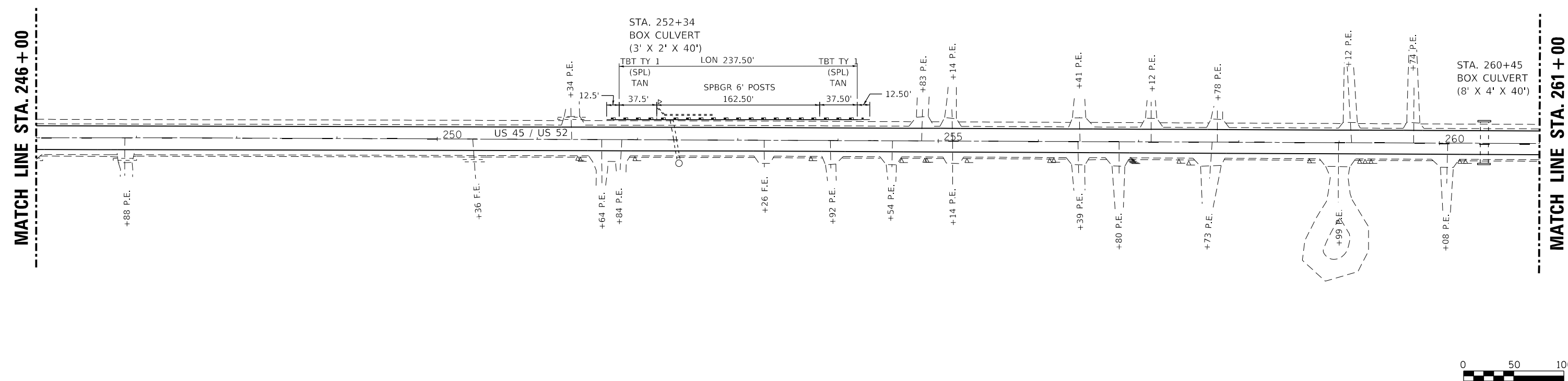
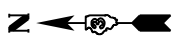
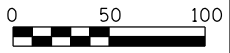
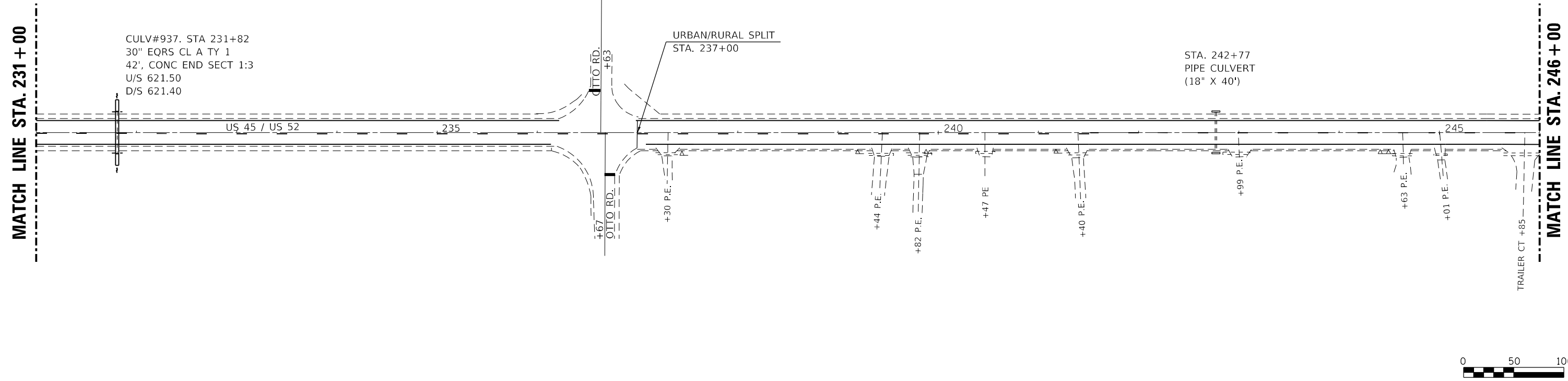
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PLOT DATE = 2/6/2020		DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION**

PLAN VIEWS

SCALE: 50 SHEET 4 OF 24 SHEETS STA. 201+00 TO STA. 231+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	22
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				



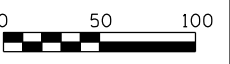
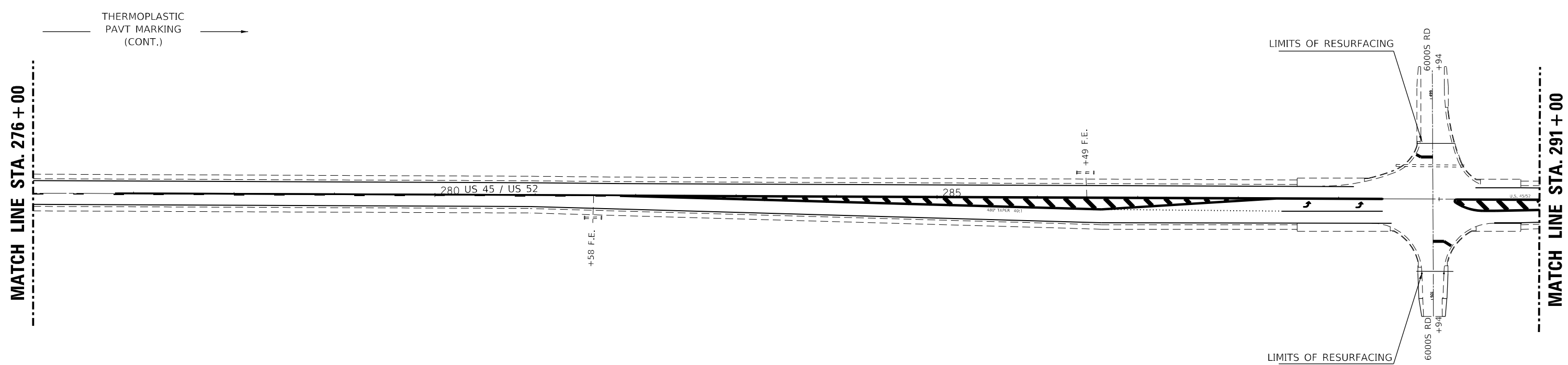
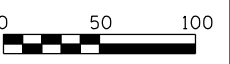
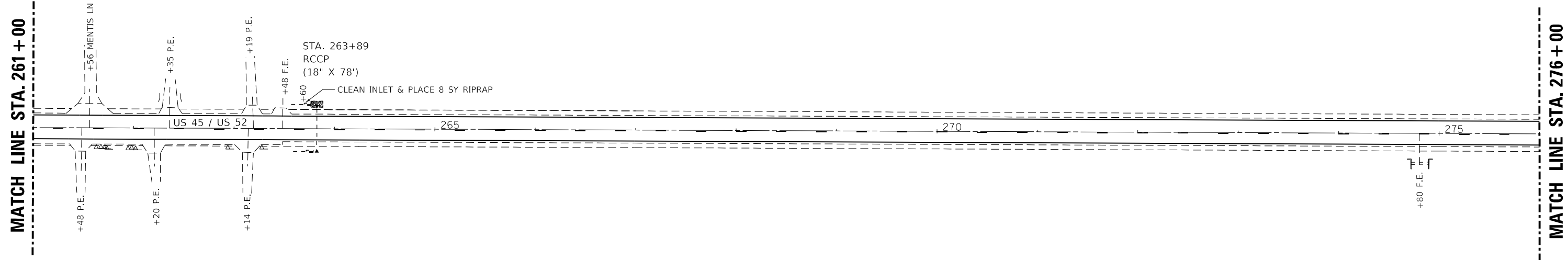
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PLAN VIEWS

SCALE: 50 SHEET 5 OF 24 SHEETS STA. 231+00 TO STA. 261+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	23
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				



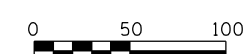
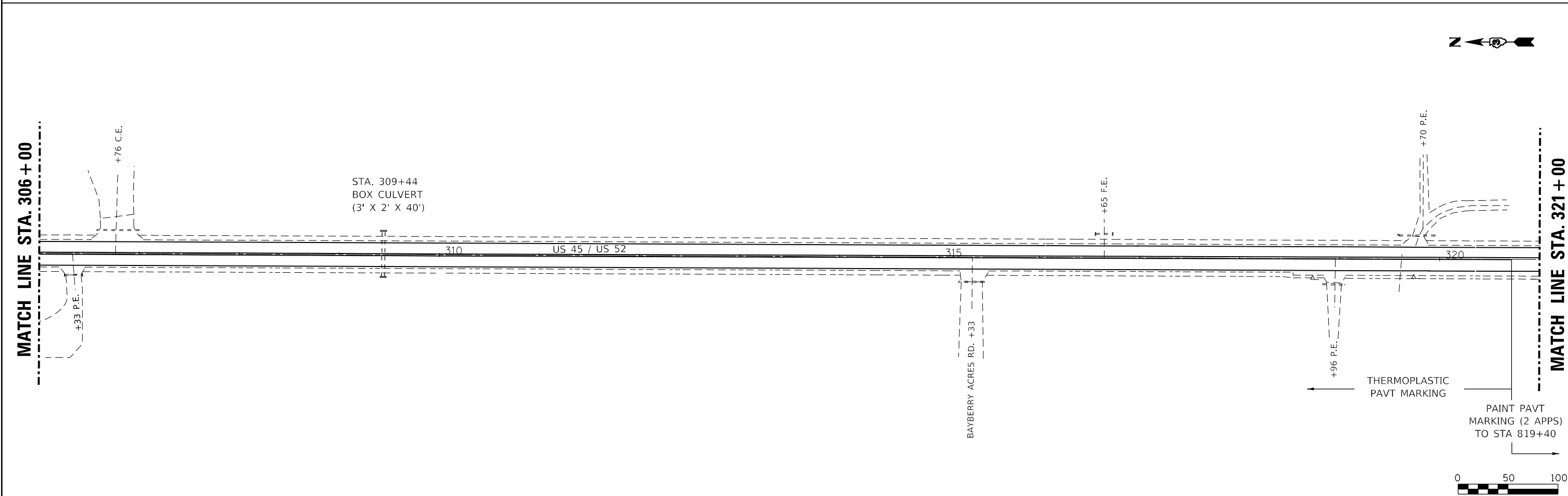
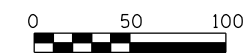
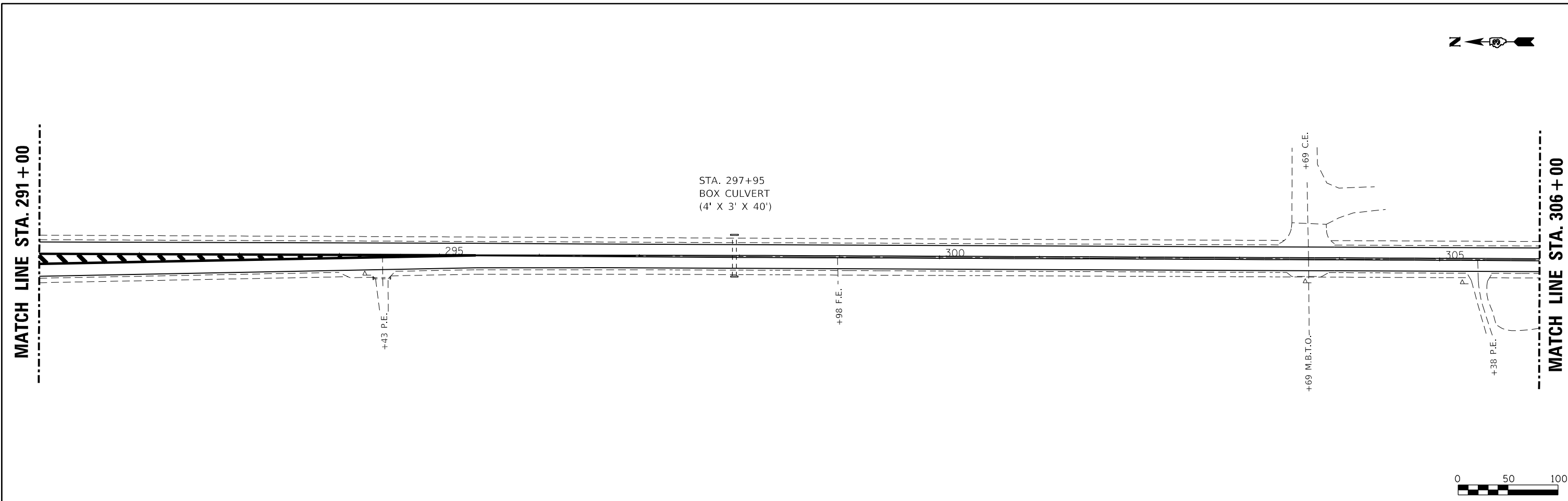
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	PLOT DATE = 2/6/2020	DATE -	REVISED -

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PLAN VIEWS

SCALE: 50 SHEET 6 OF 24 SHEETS STA. 261+00 TO STA. 291+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	24
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				



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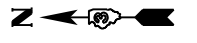
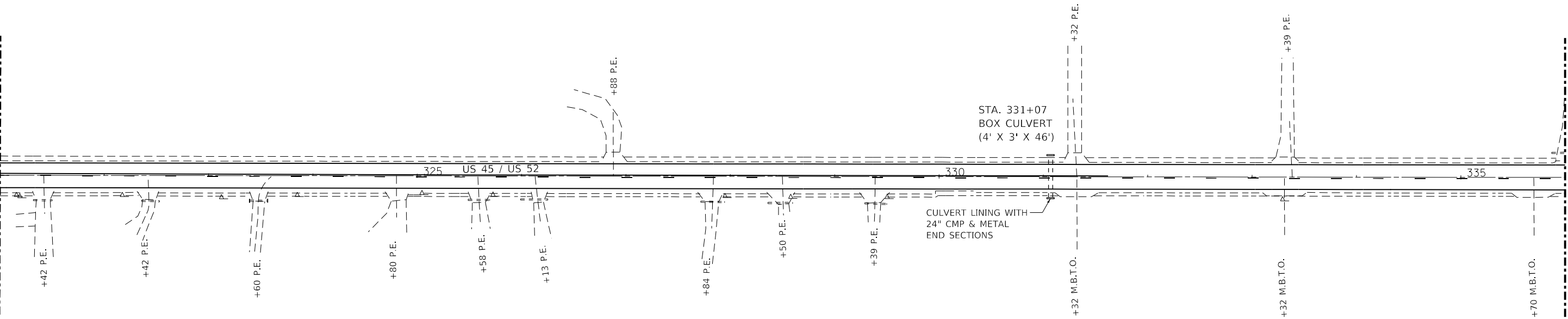
**STATE OF ILLINOIS
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PLAN VIEWS

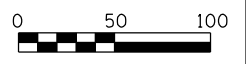
SCALE: 50 SHEET 7 OF 24 SHEETS STA. 291+00 TO STA. 321+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	25
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				

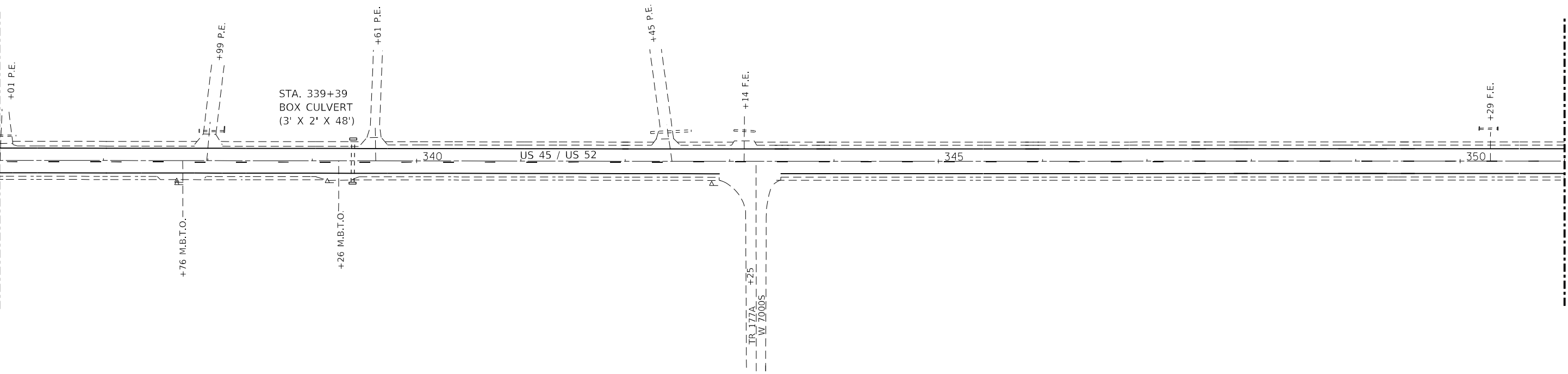
MATCH LINE STA. 321+00



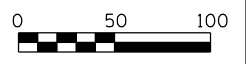
MATCH LINE STA. 336+00



MATCH LINE STA. 336+00



MATCH LINE STA. 351+00



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PLAN VIEWS

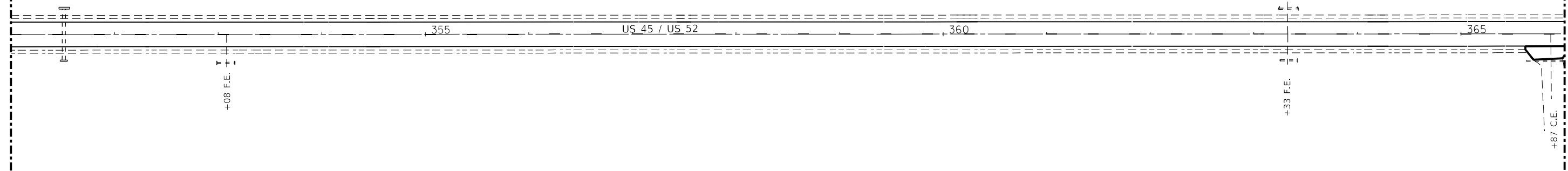
SCALE: 50 SHEET 8 OF 24 SHEETS STA. 321+00 TO STA. 351+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	26
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				

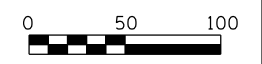


MATCH LINE STA. 351+00

STA. 351+51
BOX CULVERT
(3' X 2' X 48')

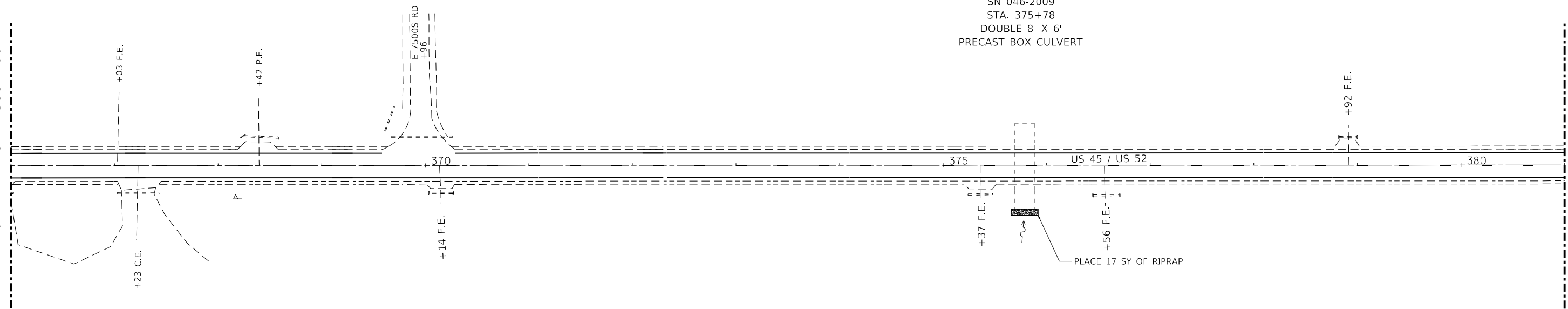


MATCH LINE STA. 366+00



MATCH LINE STA. 366+00

SN 046-2009
STA. 375+78
DOUBLE 8' X 6'
PRECAST BOX CULVERT



MATCH LINE STA. 381+00



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PLOT DATE = 2/6/2020		DATE -	REVISED -

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PLAN VIEWS

SCALE: 50 SHEET 9 OF 24 SHEETS STA. 351+00 TO STA. 381+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	27
CONTRACT NO. 66875				

ILLINOIS FED. AID PROJECT

MATCH LINE STA. 381 + 00

MATCH LINE STA. 396 + 00



MATCH LINE STA. 396 + 00

MATCH LINE STA. 411 + 00



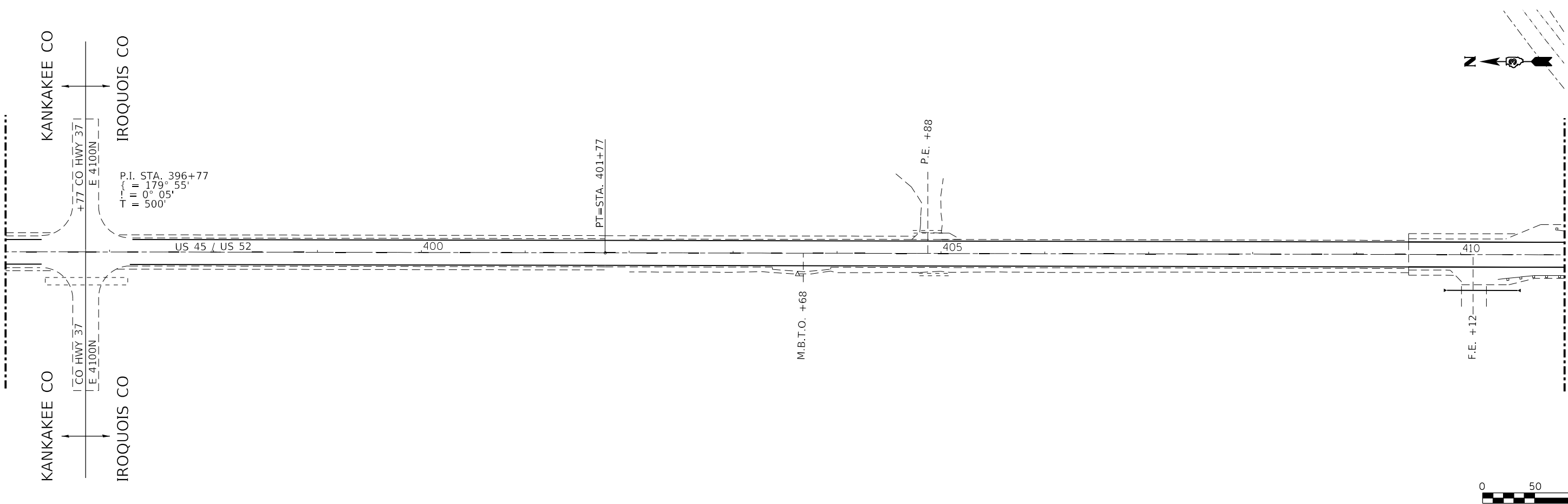
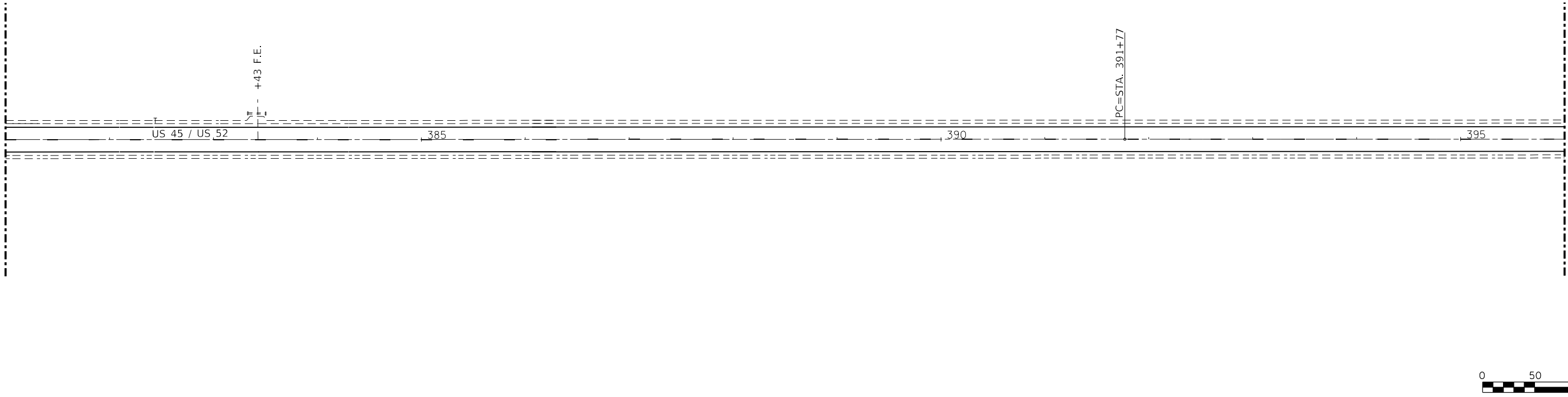
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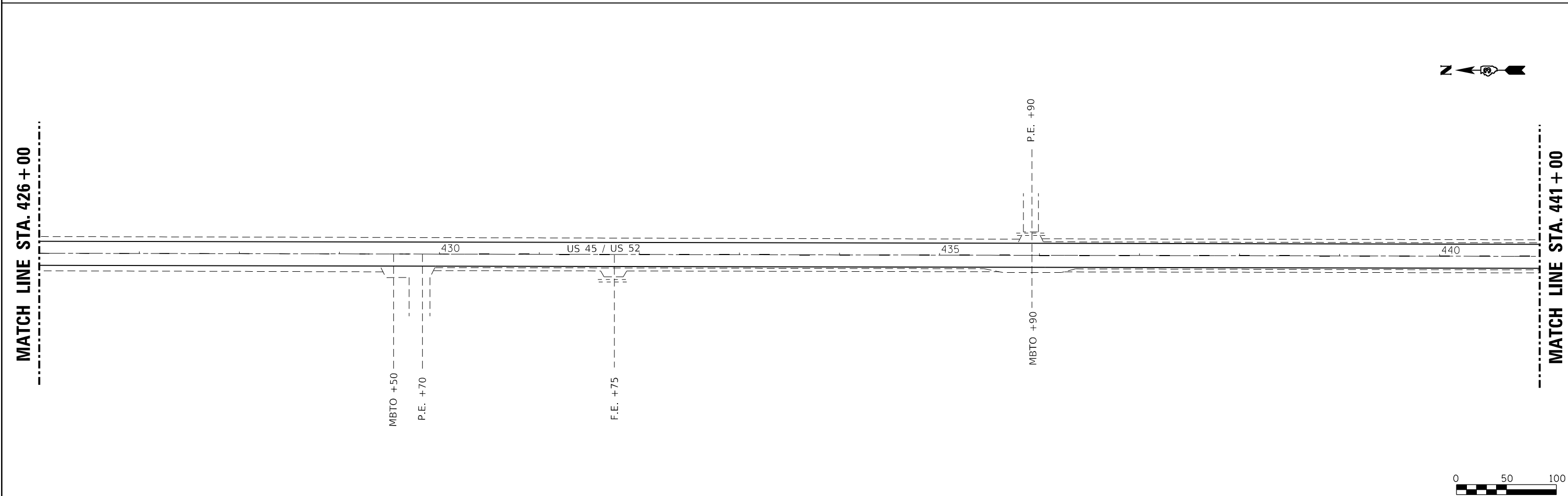
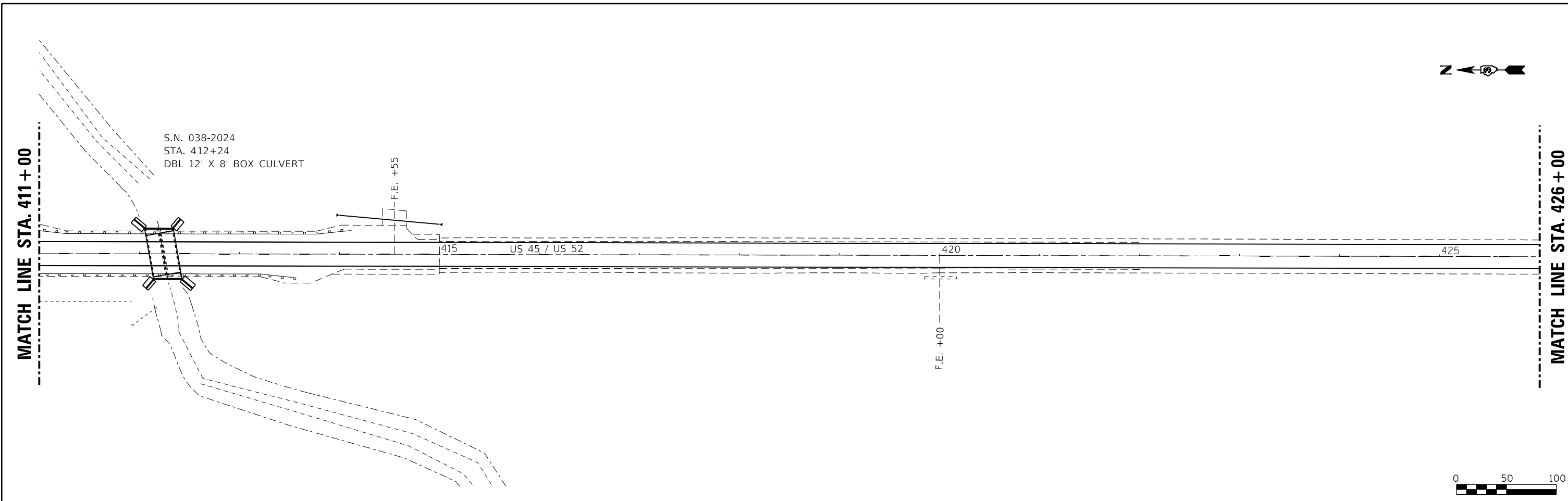
**STATE OF ILLINOIS
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PLAN VIEWS

SCALE: 50 SHEET 10 OF 24 SHEETS STA. 381+00 TO STA. 411+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROQ	49	28
CONTRACT NO. 66875				
ILLINOIS FED. AID PROJECT				





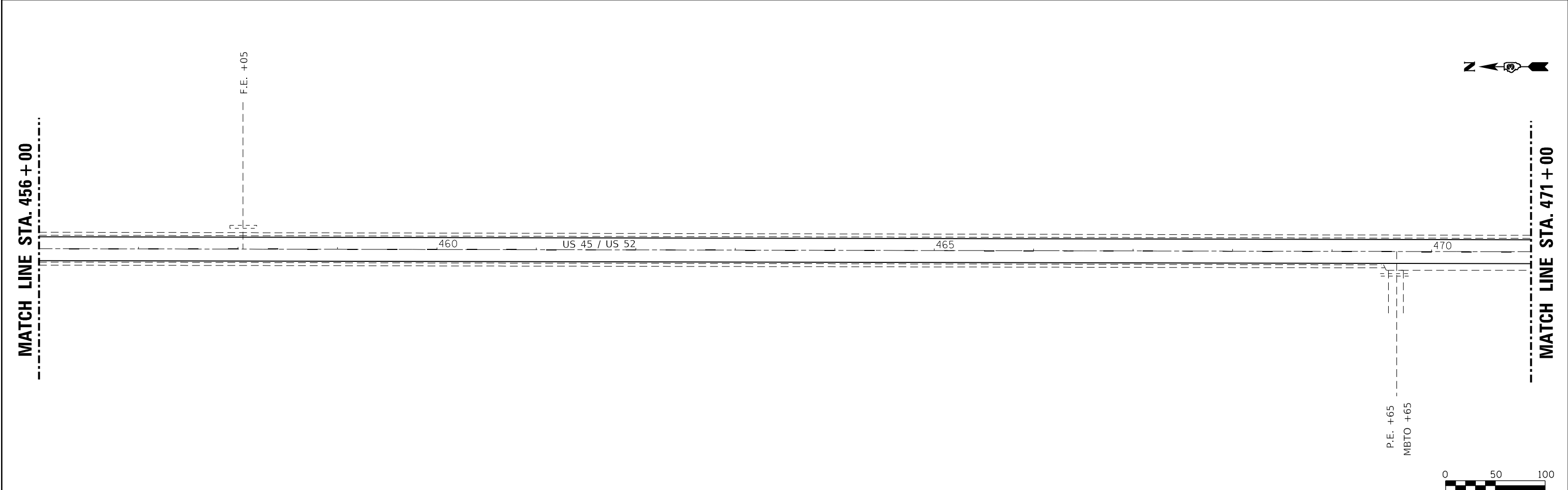
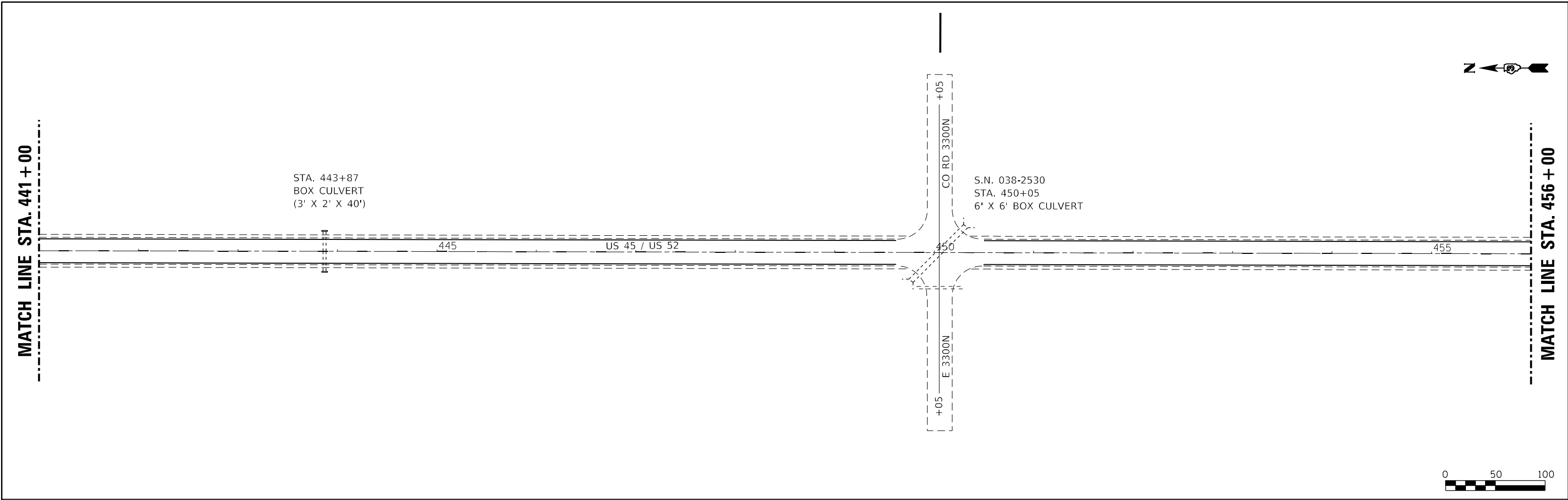
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**STATE OF ILLINOIS
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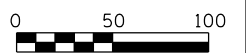
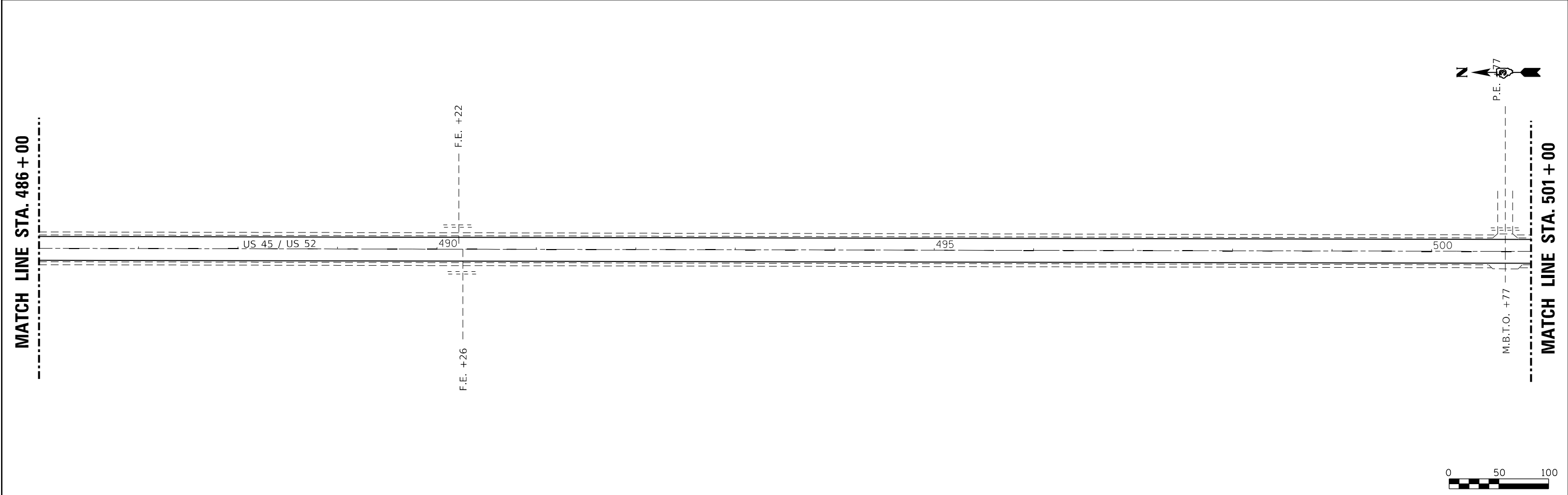
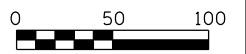
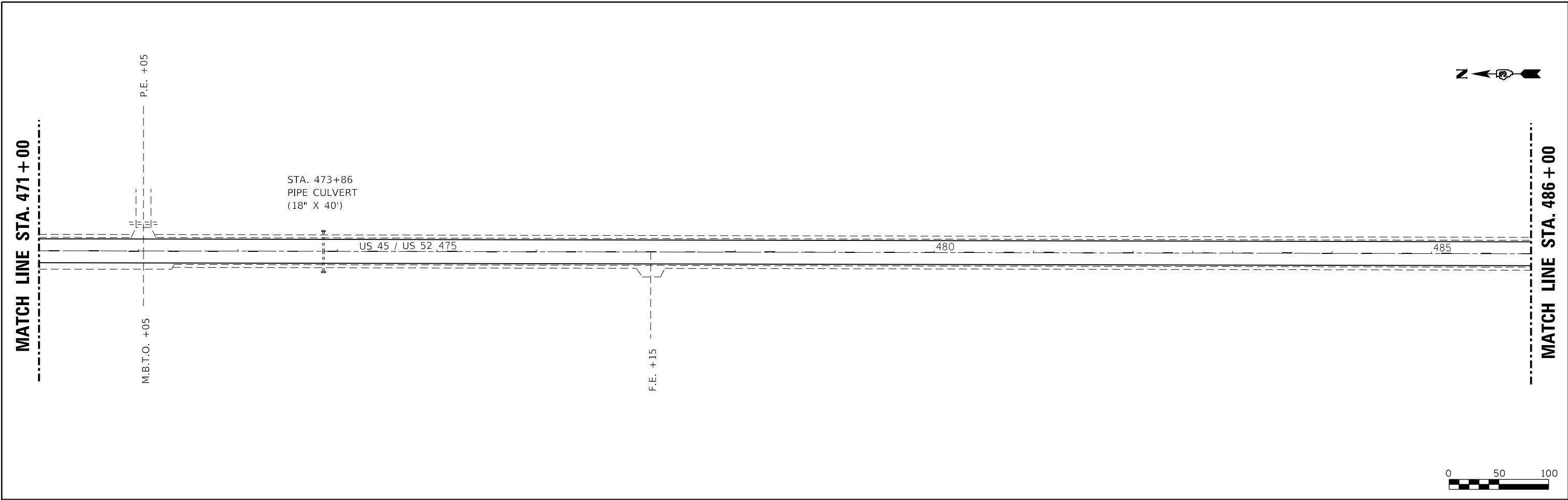
PLAN VIEWS

SCALE: 50 SHEET 11 OF 24 SHEETS STA. 411+00 TO STA. 441+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	29
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = calderon1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEWS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CHECKED -	REVISED -		CONTRACT NO. 66875							
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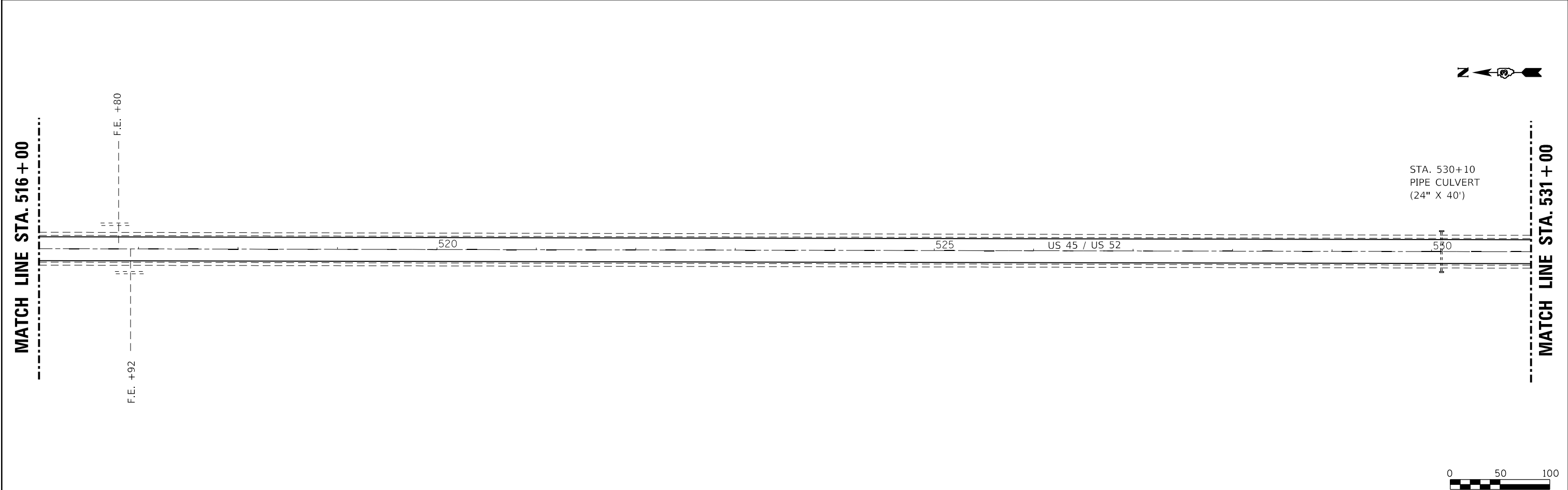
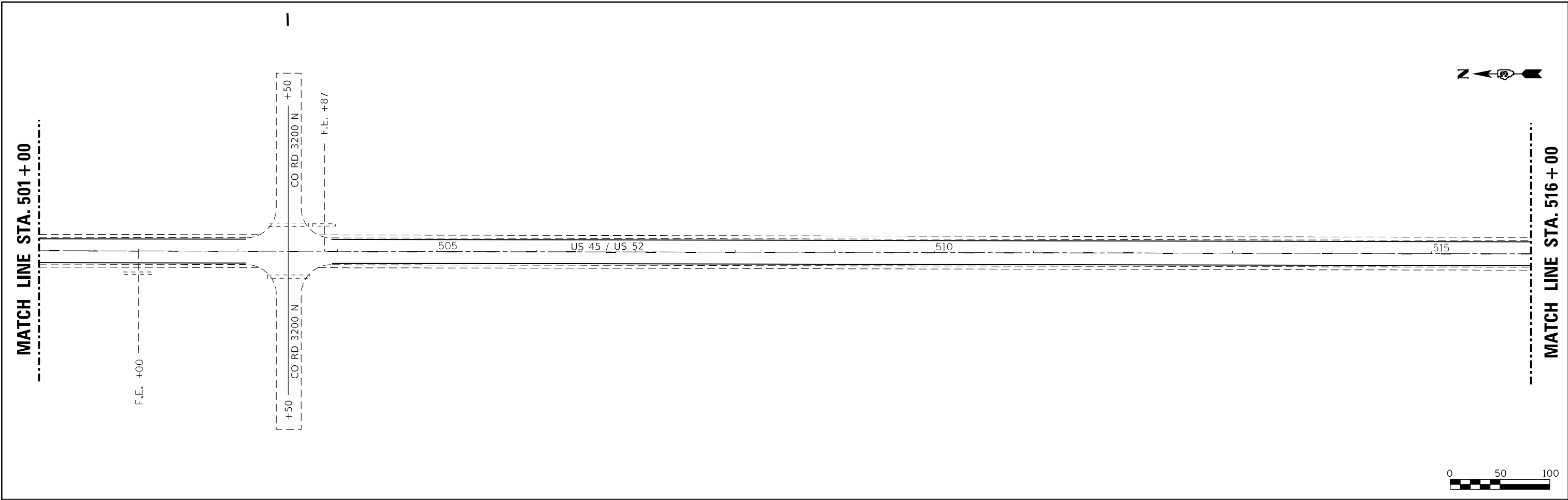
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PLAN VIEWS

SCALE: 50 SHEET 13 OF 24 SHEETS STA. 471+00 TO STA. 501+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	31
CONTRACT NO. 66875				
ILLINOIS FED. AID PROJECT				



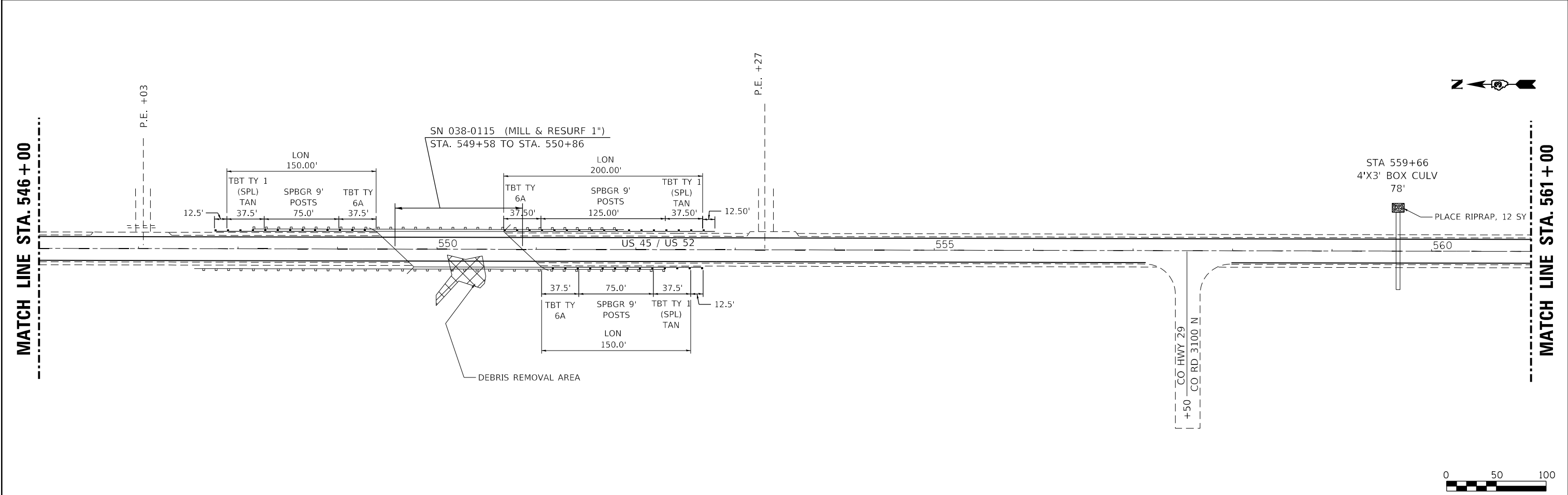
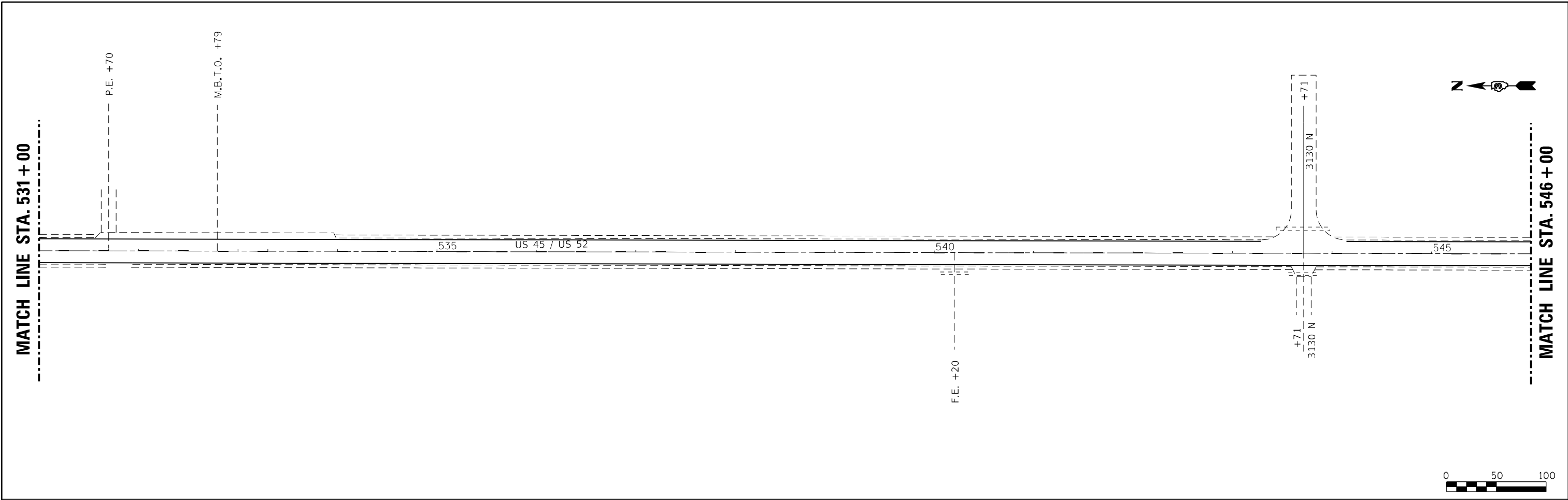
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PLOT DATE = 2/6/2020		DATE -	REVISED -

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PLAN VIEWS

SCALE: 50 SHEET 14 OF 24 SHEETS STA. 501+00 TO STA. 531+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	32
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				



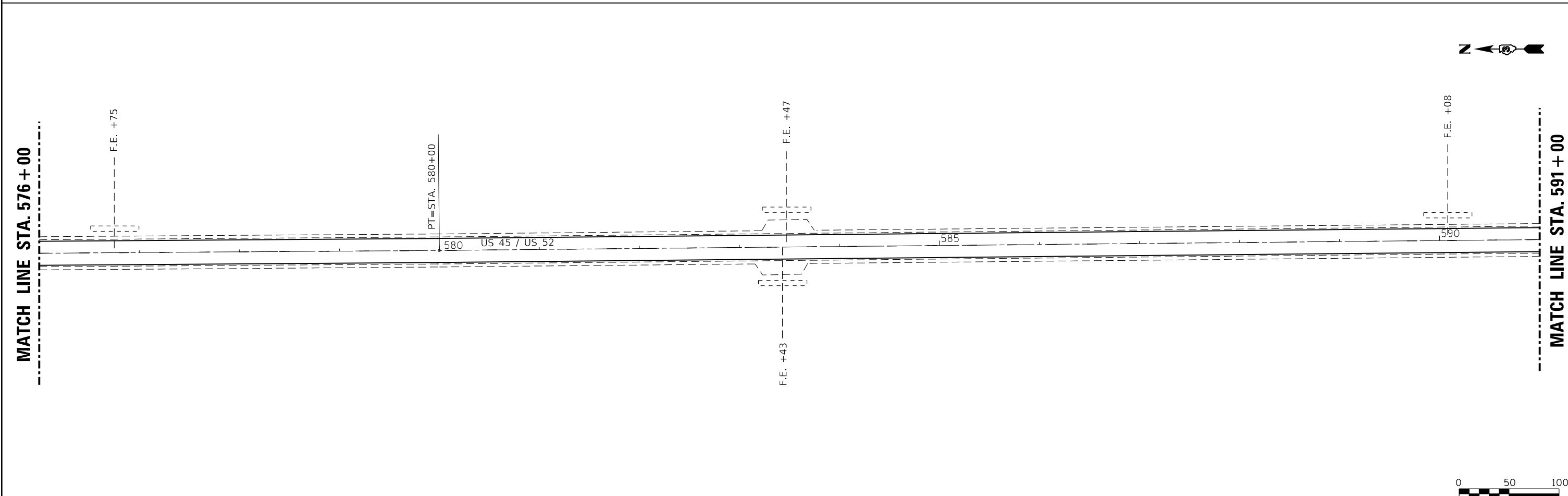
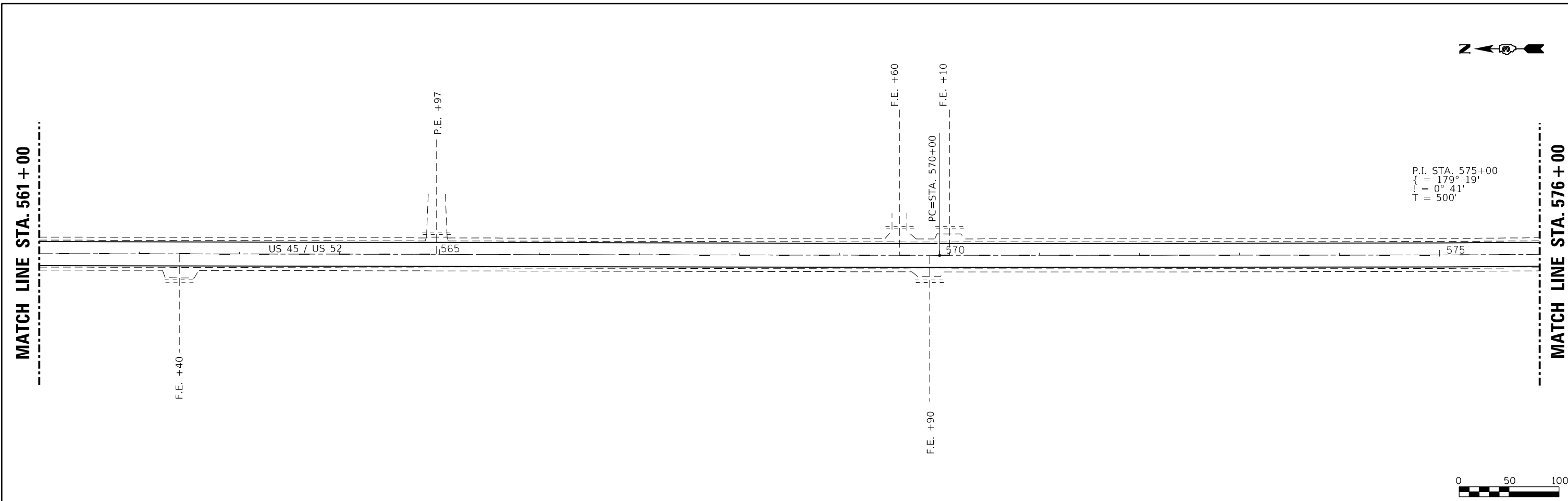
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PLAN VIEWS

SCALE: 50 SHEET 15 OF 24 SHEETS STA. 531+00 TO STA. 561+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	33
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

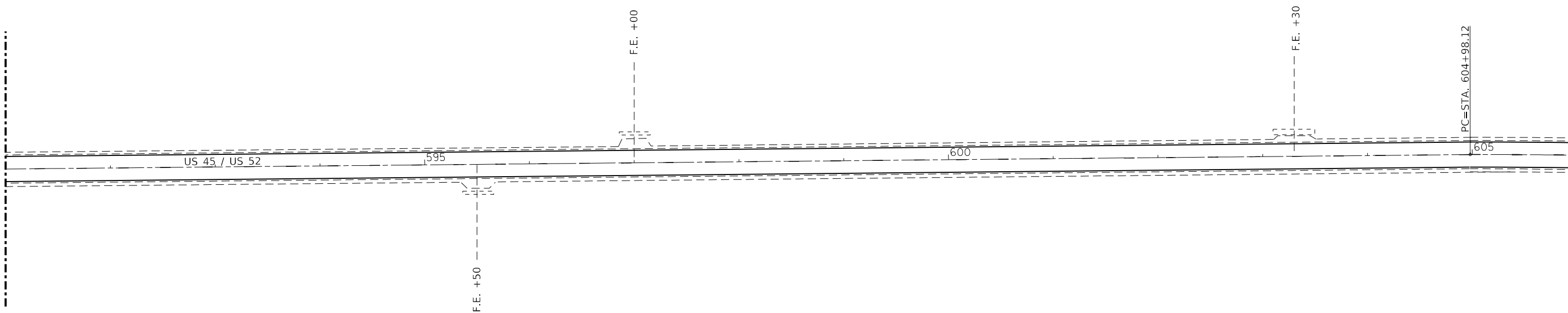
PLAN VIEWS

SCALE: 50 SHEET 16 OF 24 SHEETS STA. 561+00 TO STA. 591+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	34
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				

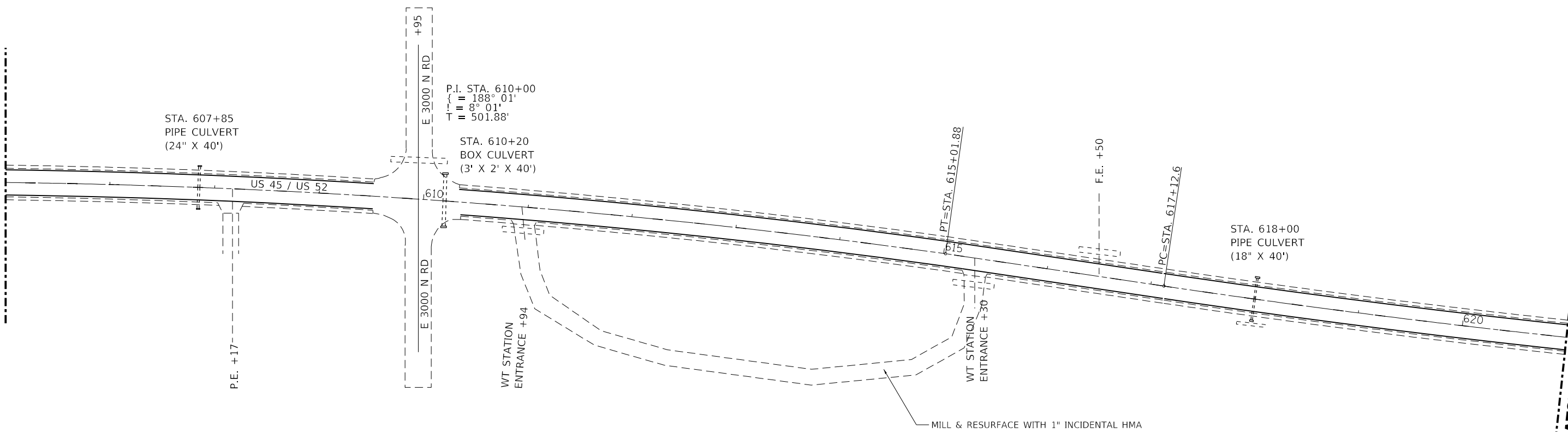
MATCH LINE STA. 591 + 00

MATCH LINE STA. 606 + 00



MATCH LINE STA. 606 + 00

MATCH LINE STA. 621 + 00



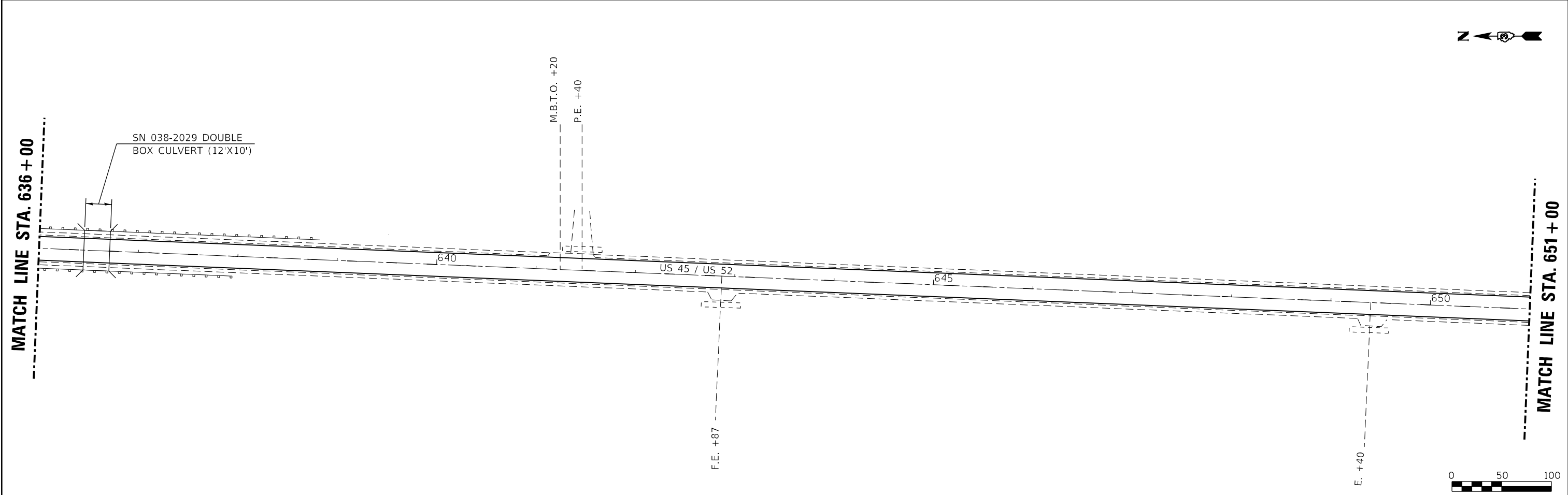
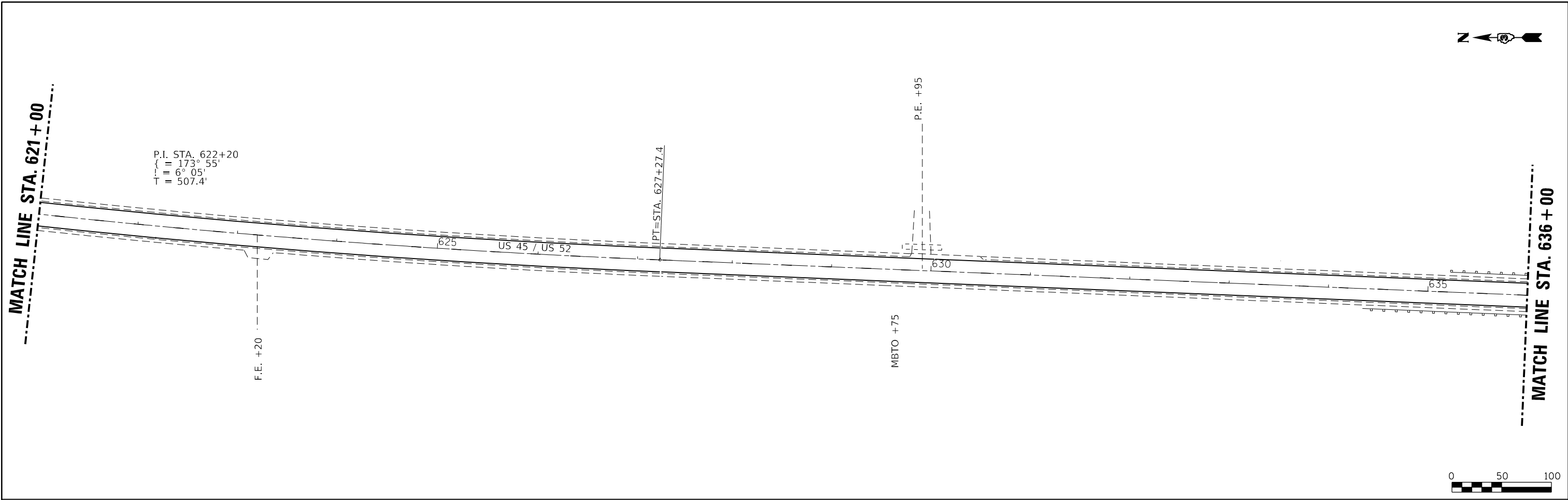
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PLOT DATE = 2/6/2020		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

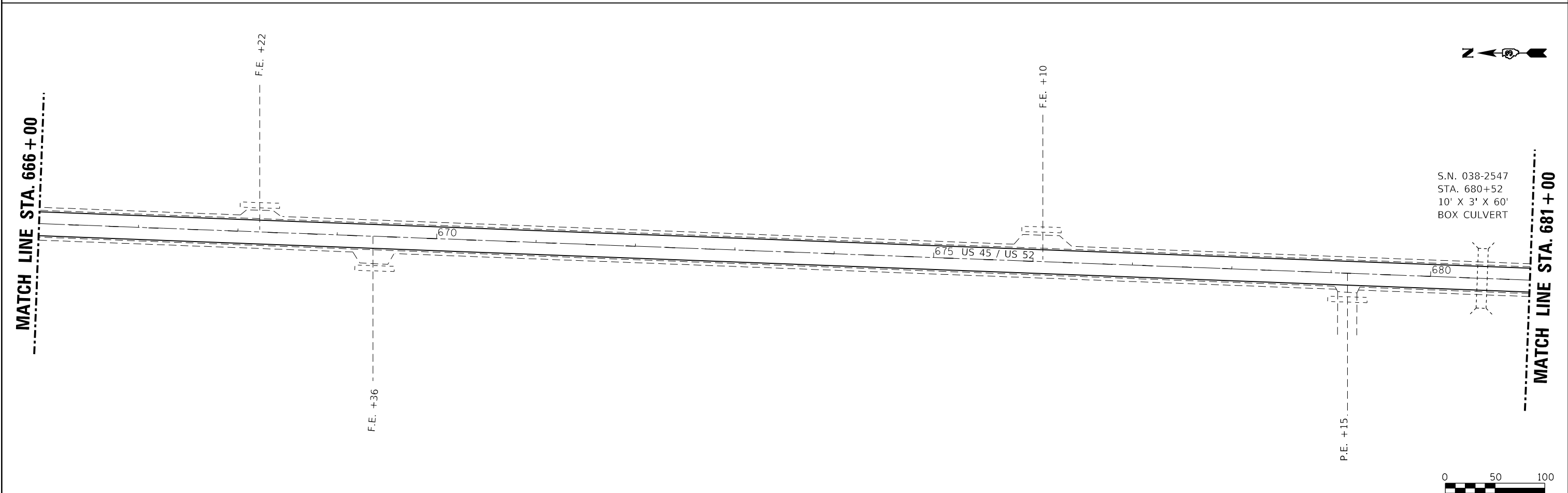
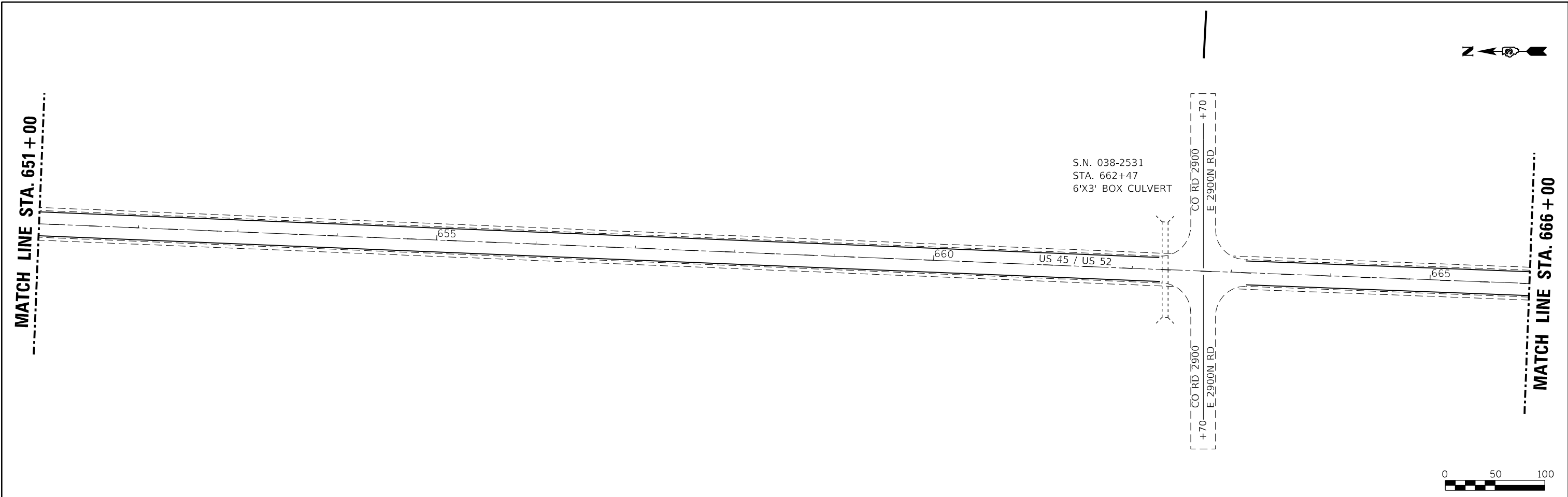
PLAN VIEWS

SCALE: 50 SHEET 17 OF 24 SHEETS STA. 591+00 TO STA. 621+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	35
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				



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	PLOT SCALE = 100.000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66B75							
	PLOT DATE = 2/6/2020	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



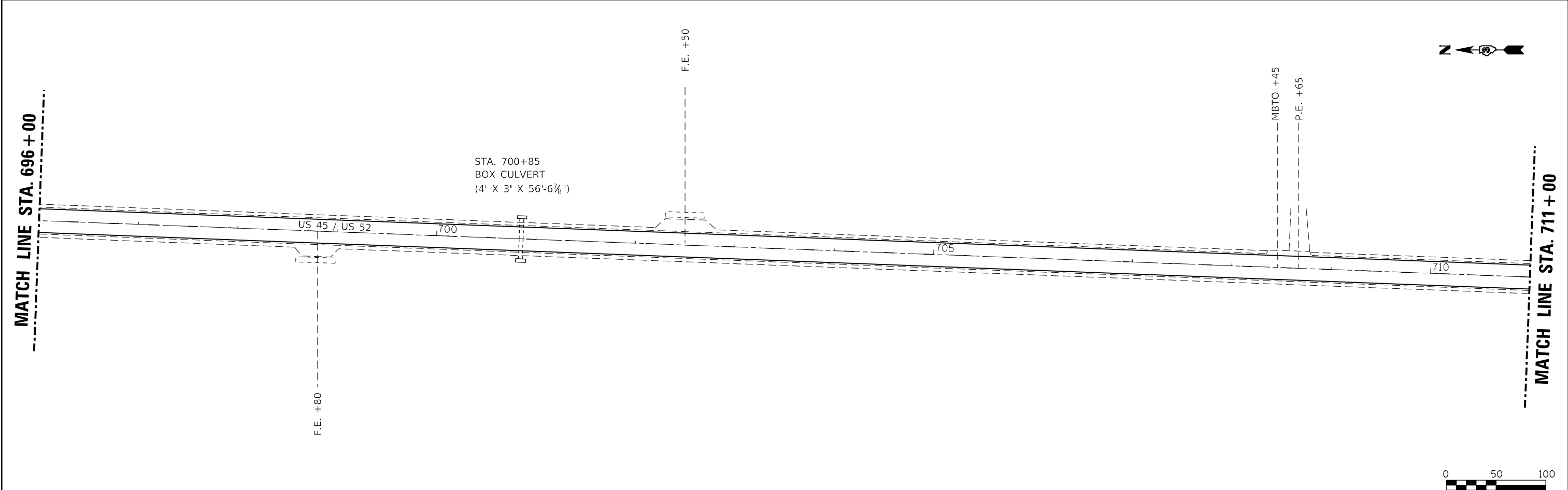
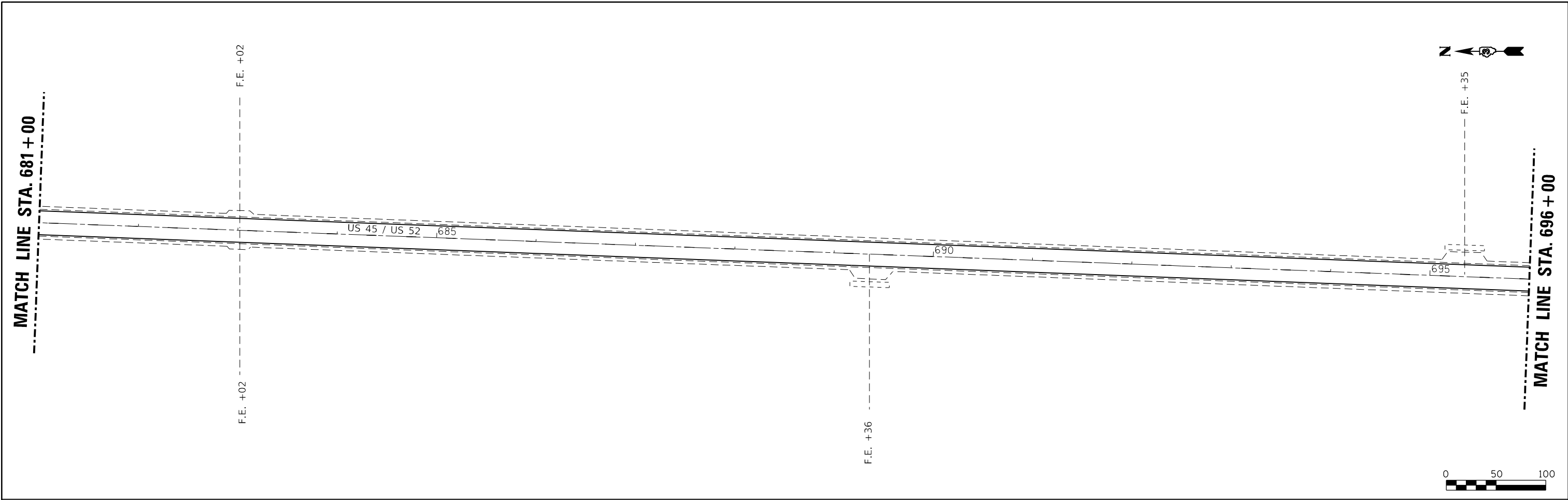
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PLOT DATE = 2/6/2020		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEWS

SCALE: 50 SHEET 19 OF 24 SHEETS STA. 651+00 TO STA. 681+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	37
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				



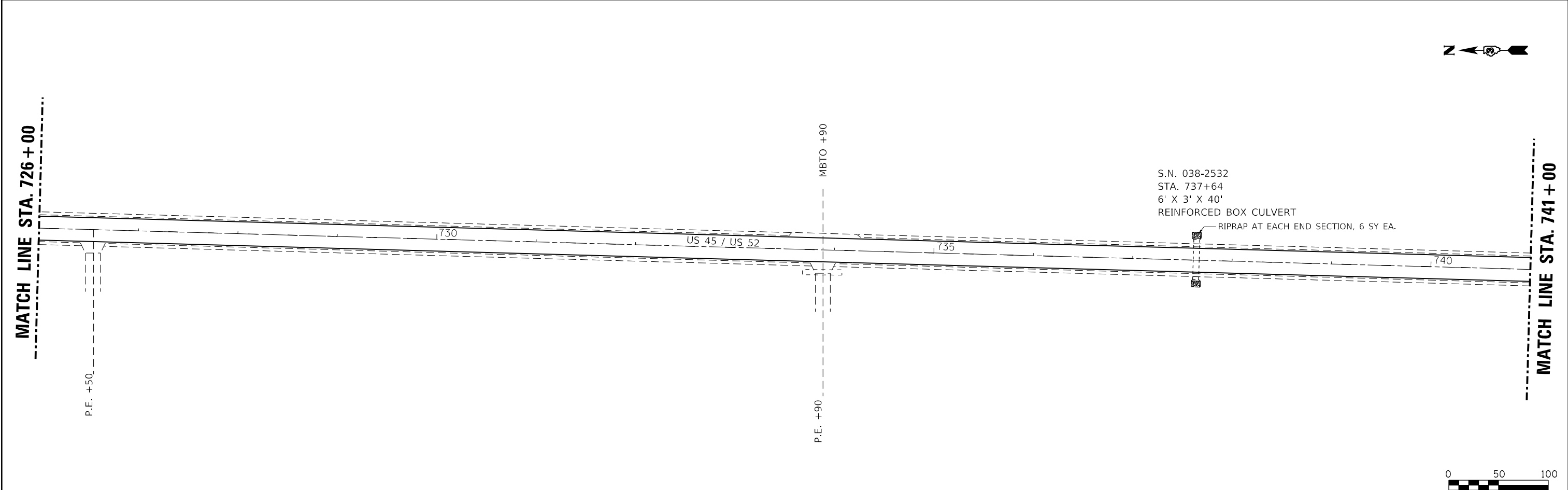
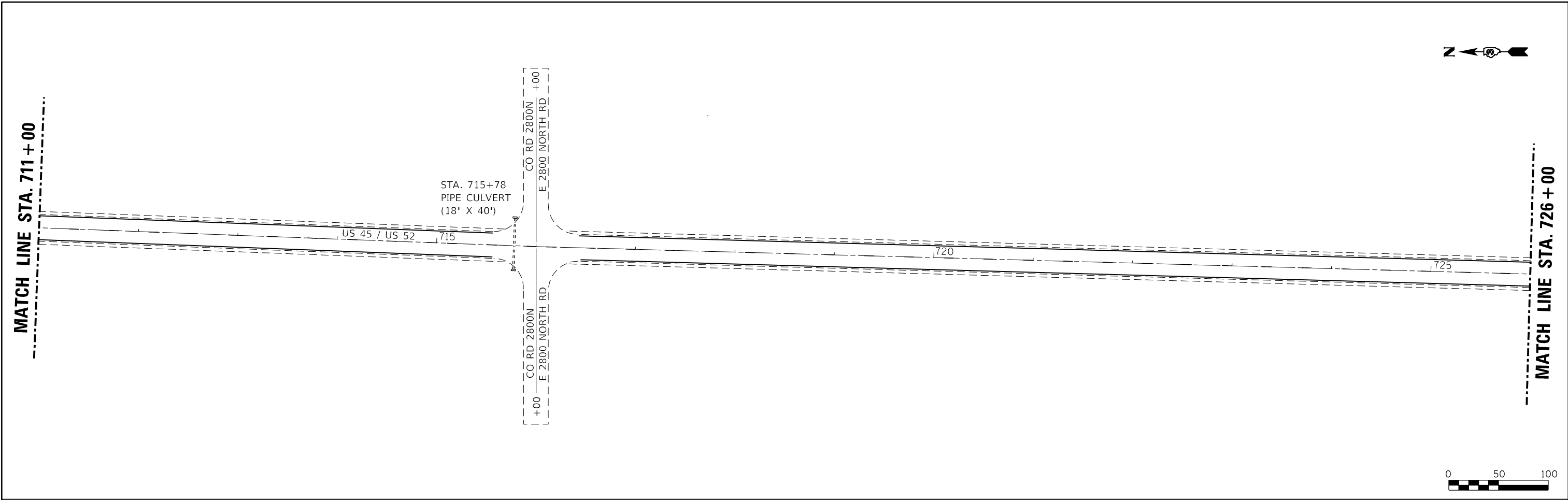
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEWS

SCALE: 50 SHEET 20 OF 24 SHEETS STA. 681+00 TO STA. 711+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	38
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				



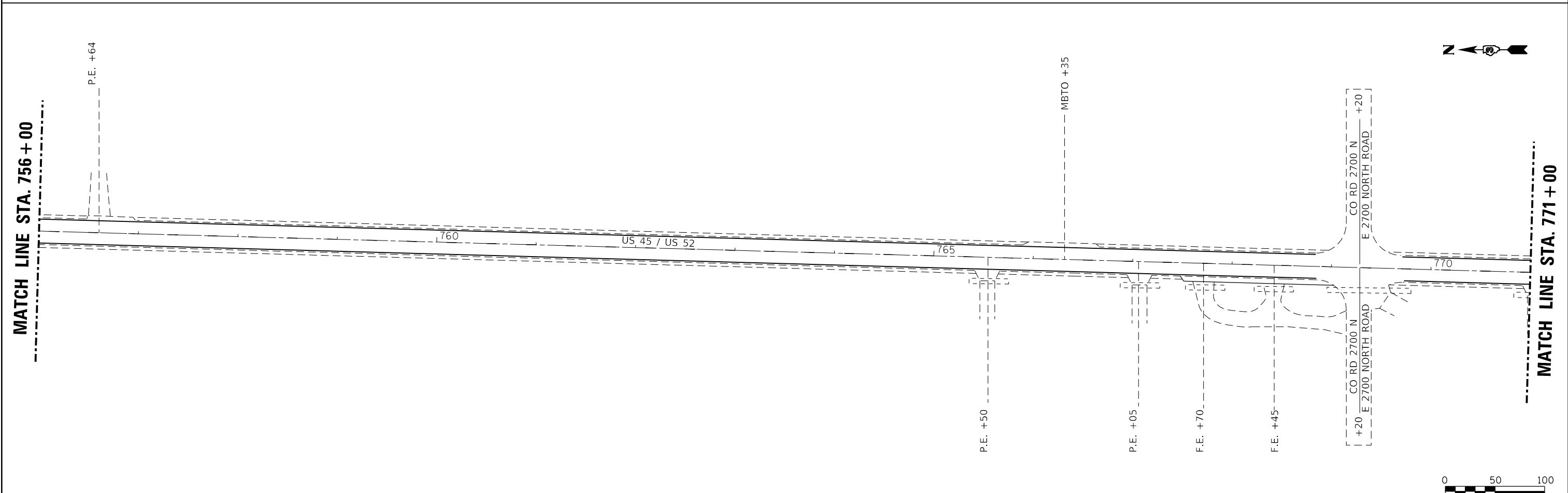
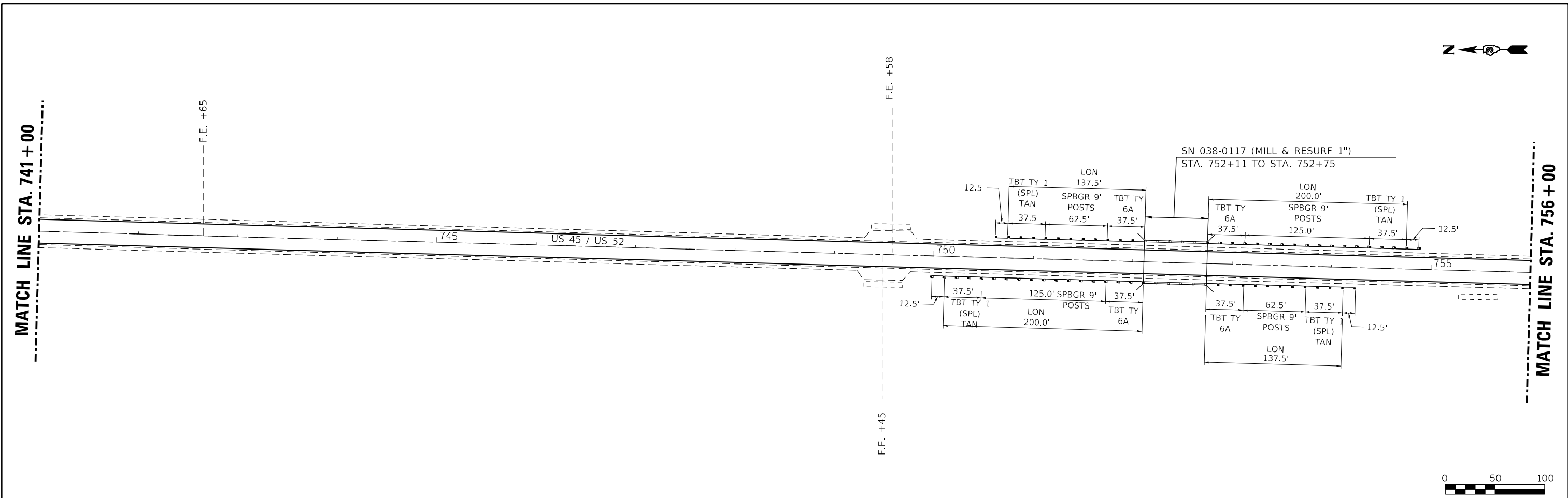
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

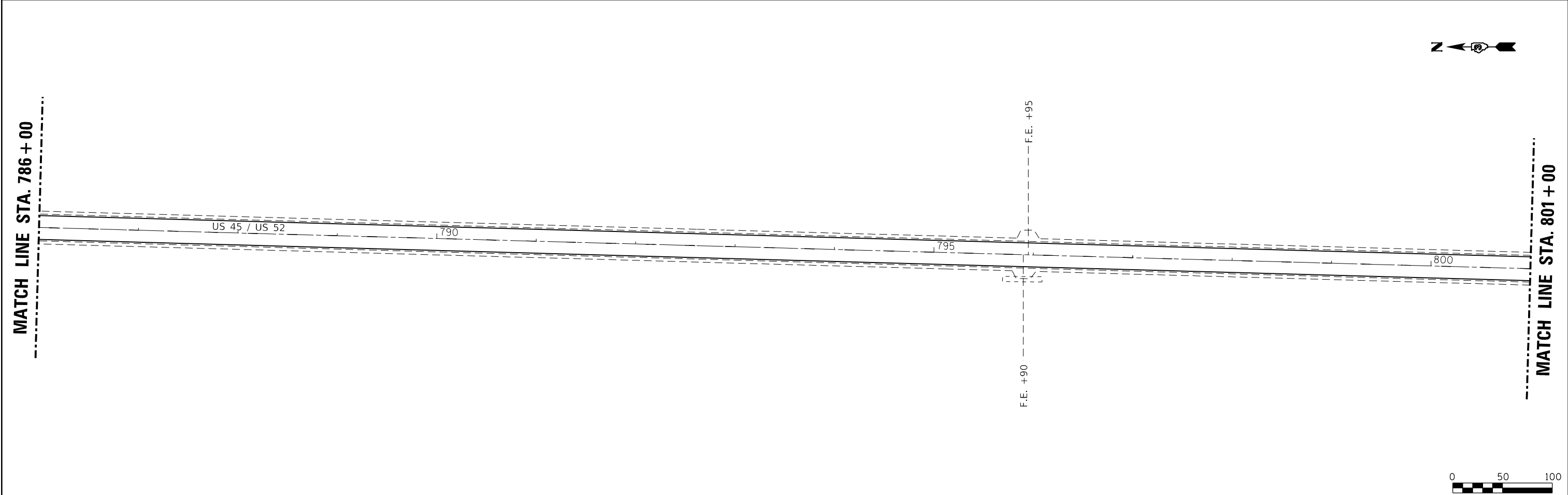
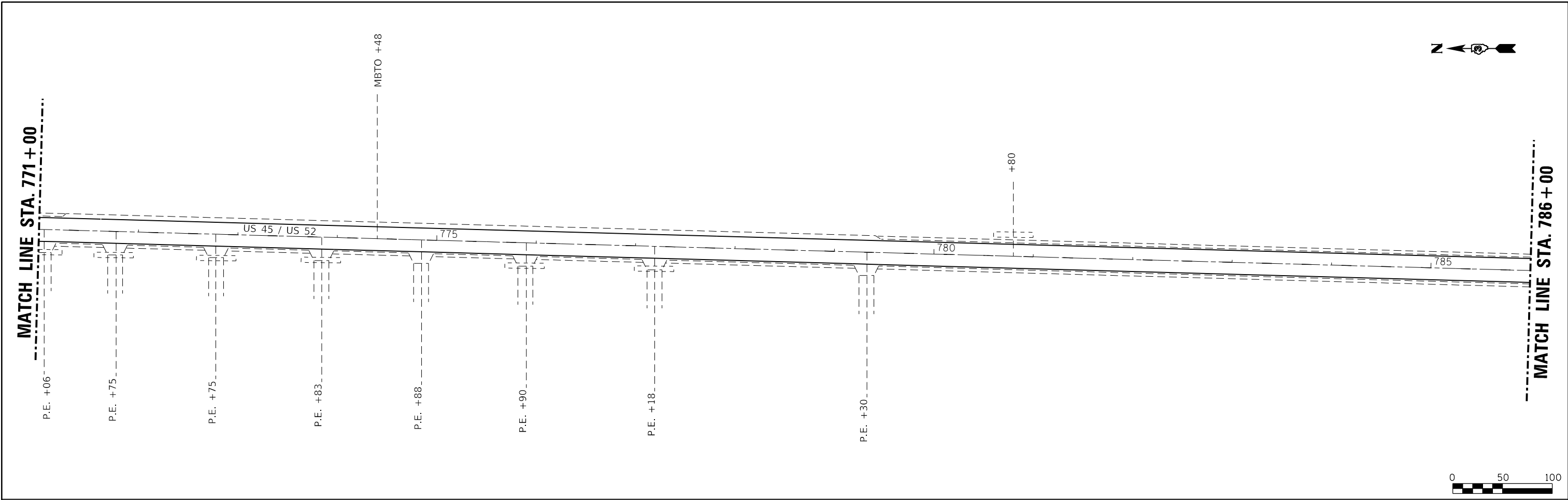
PLAN VIEWS

SCALE: 50 SHEET 21 OF 24 SHEETS STA. 711+00 TO STA. 741+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	39
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				



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		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



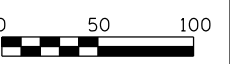
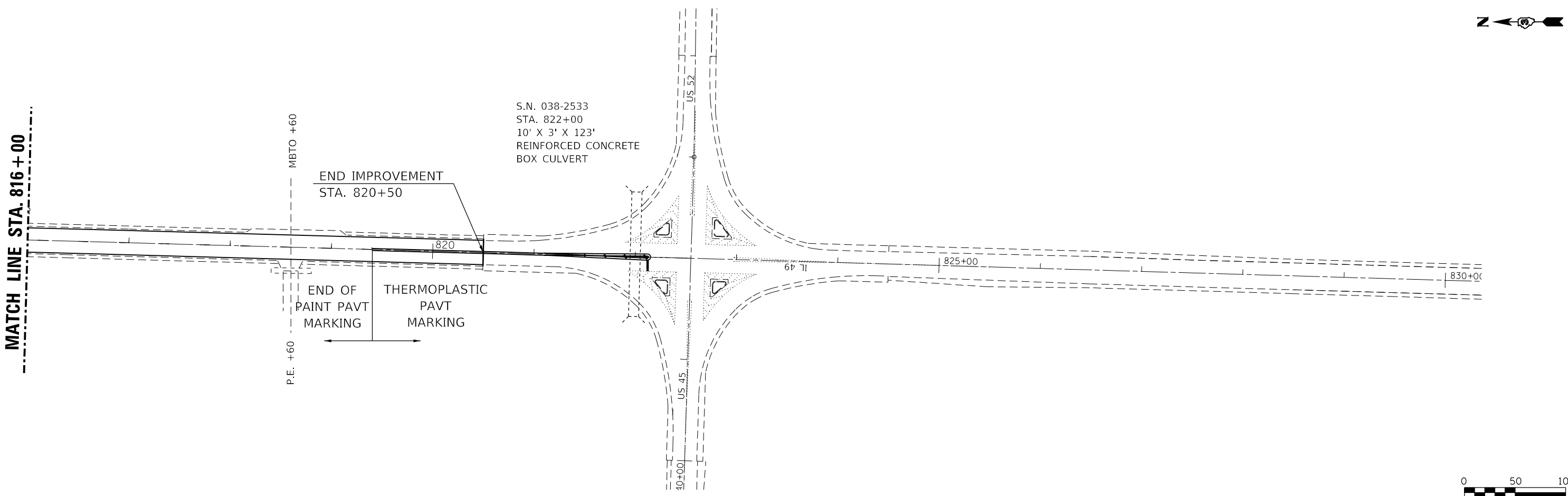
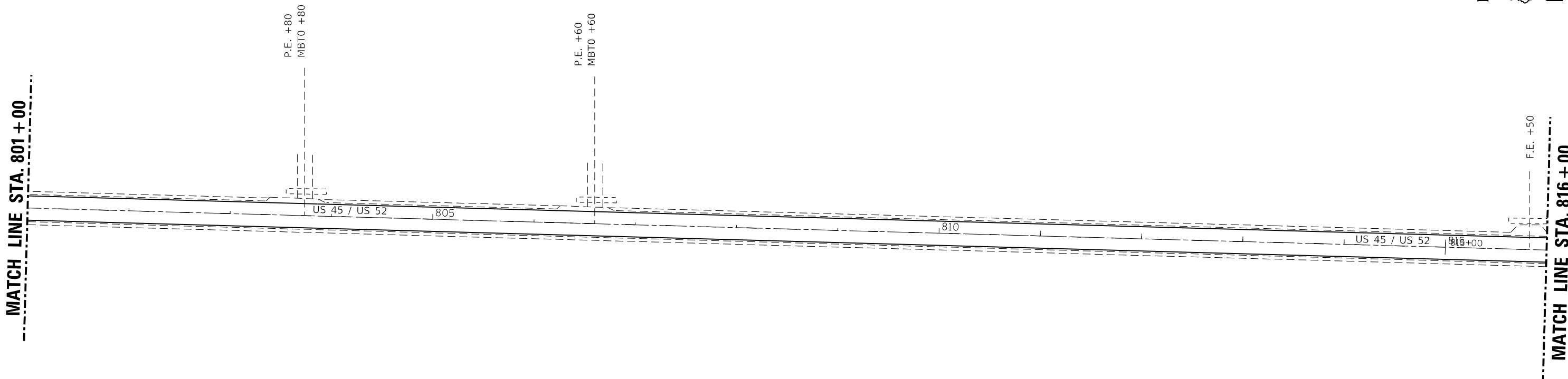
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEWS

SCALE: 50 SHEET 23 OF 24 SHEETS STA. 771+00 TO STA. 801+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	41
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				



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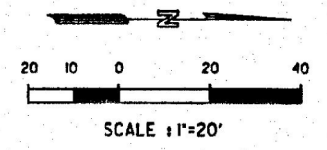
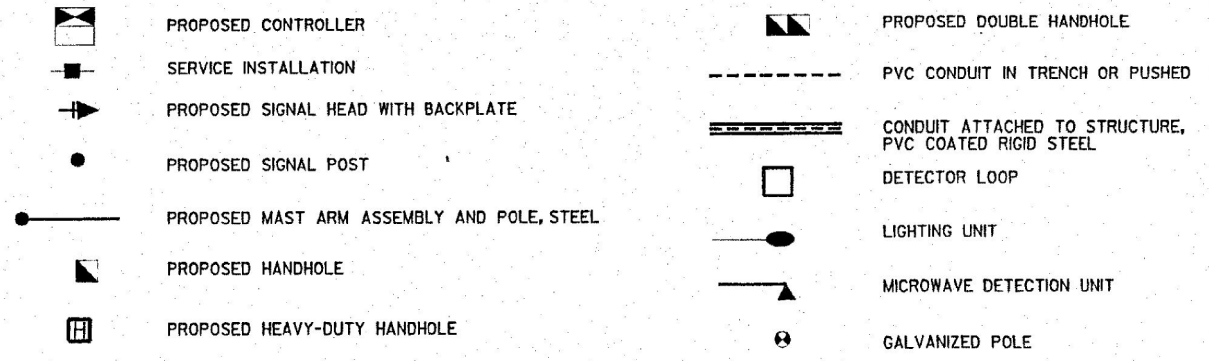
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEWS

SCALE: 50 SHEET 24 OF 24 SHEETS STA. 801+00 TO STA. 822+50

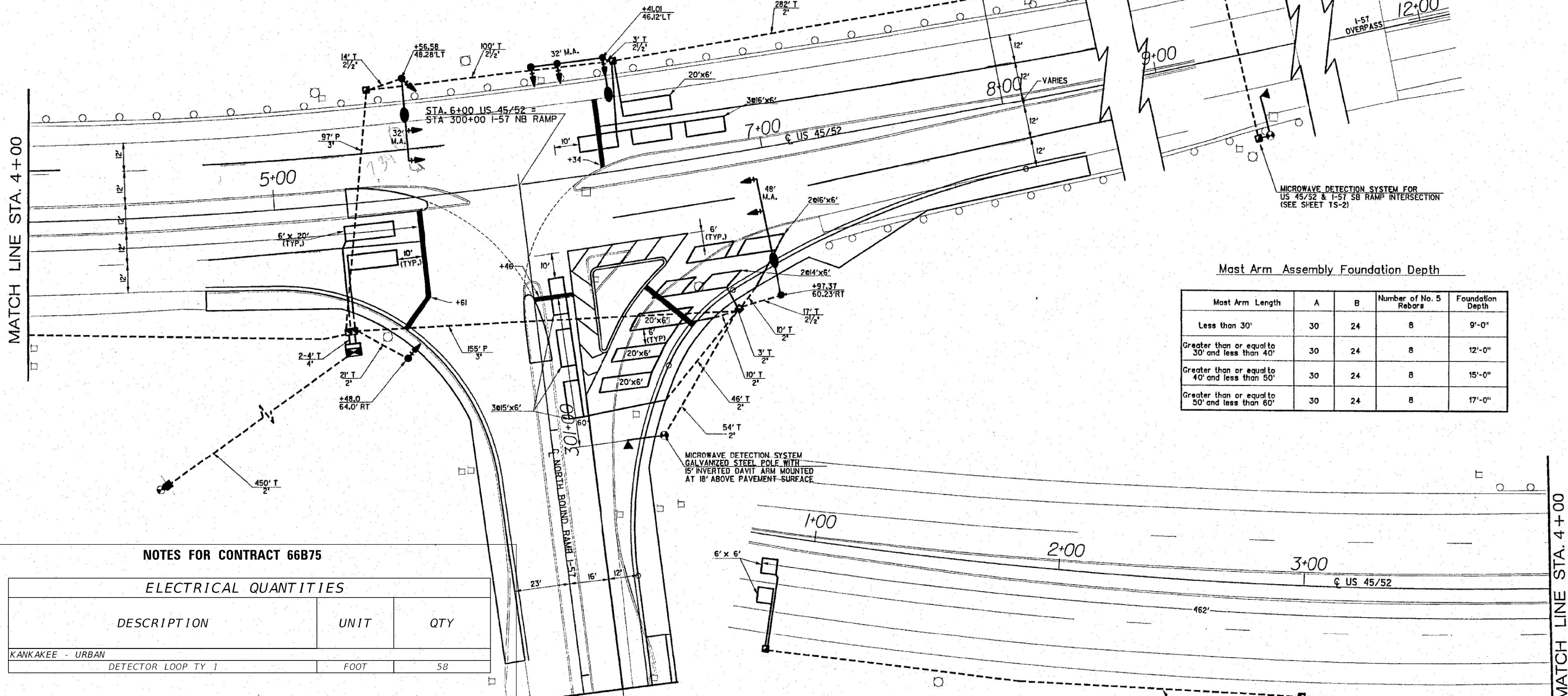
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK/IROO	49	42
				CONTRACT NO. 66875
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND



FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 7777	*	KANKAKEE	40	34
STA 1+00 TO STA 12+00		FED. ROAD DIST. NO. 7 ILLINOIS PROJECT		



Mast Arm Assembly Foundation Depth

Most Arm Length	A	B	Number of No. 5 Rebars	Foundation Depth
Less than 30'	30	24	8	9'-0"
Greater than or equal to 30' and less than 40'	30	24	8	12'-0"
Greater than or equal to 40' and less than 50'	30	24	8	15'-0"
Greater than or equal to 50' and less than 60'	30	24	8	17'-0"

NOTES FOR CONTRACT 66B75

ELECTRICAL QUANTITIES

DESCRIPTION	UNIT	QTY
KANKAKEE - URBAN		
DETECTOR LOOP TY 1	FOOT	58

TRAFFIC SIGNAL NOTES

1. THE DISTRICT 3 TRAFFIC SIGNAL UNIT IN THE BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS.
2. SAW CUT EXISTING DETECTOR LOOPS TO BE ABANDONED.
3. 4 TURNS REQUIRED ON ALL DETECTOR LOOPS, EXCEPT 6 TURNS FOR ADVANCE 6' X 6' DETECTOR LOOPS.
4. PLACE DETECTOR LOOPS IN LEVEL BINDER.
5. 6' X 20' TYPICAL DETECTOR LOOPS WITH 6' SPACING 10' FROM PROJECTED EDGE LINE OR STOP BARS.
6. 6' X 6' TYPICAL DETECTOR FOR ADVANCE LOOPS.

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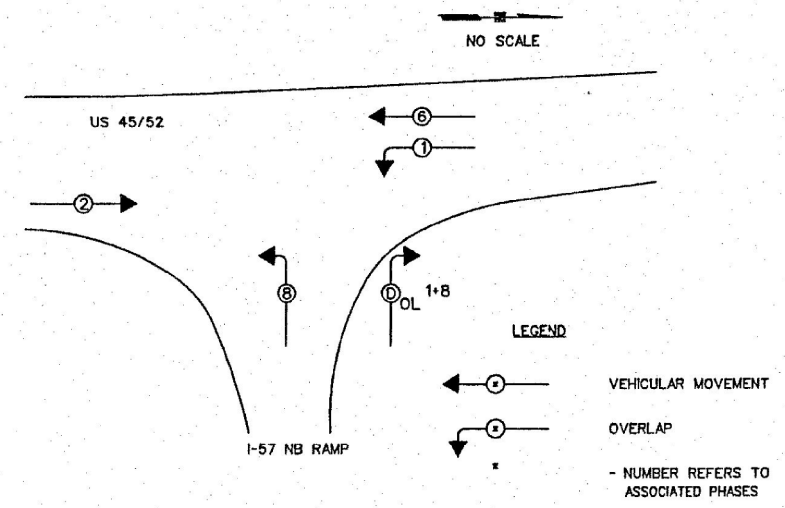
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FOR INFORMATION ONLY
DETECTOR LOOPS**

SCALE: N/A SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 RS-4 & 139 RS-6	KANK./IROO	49	43
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



CONTROLLER SEQUENCE
 REFERRING TO STANDARD 857001, THE VEHICULAR PHASES USED ARE DESIGNATED ABOVE.

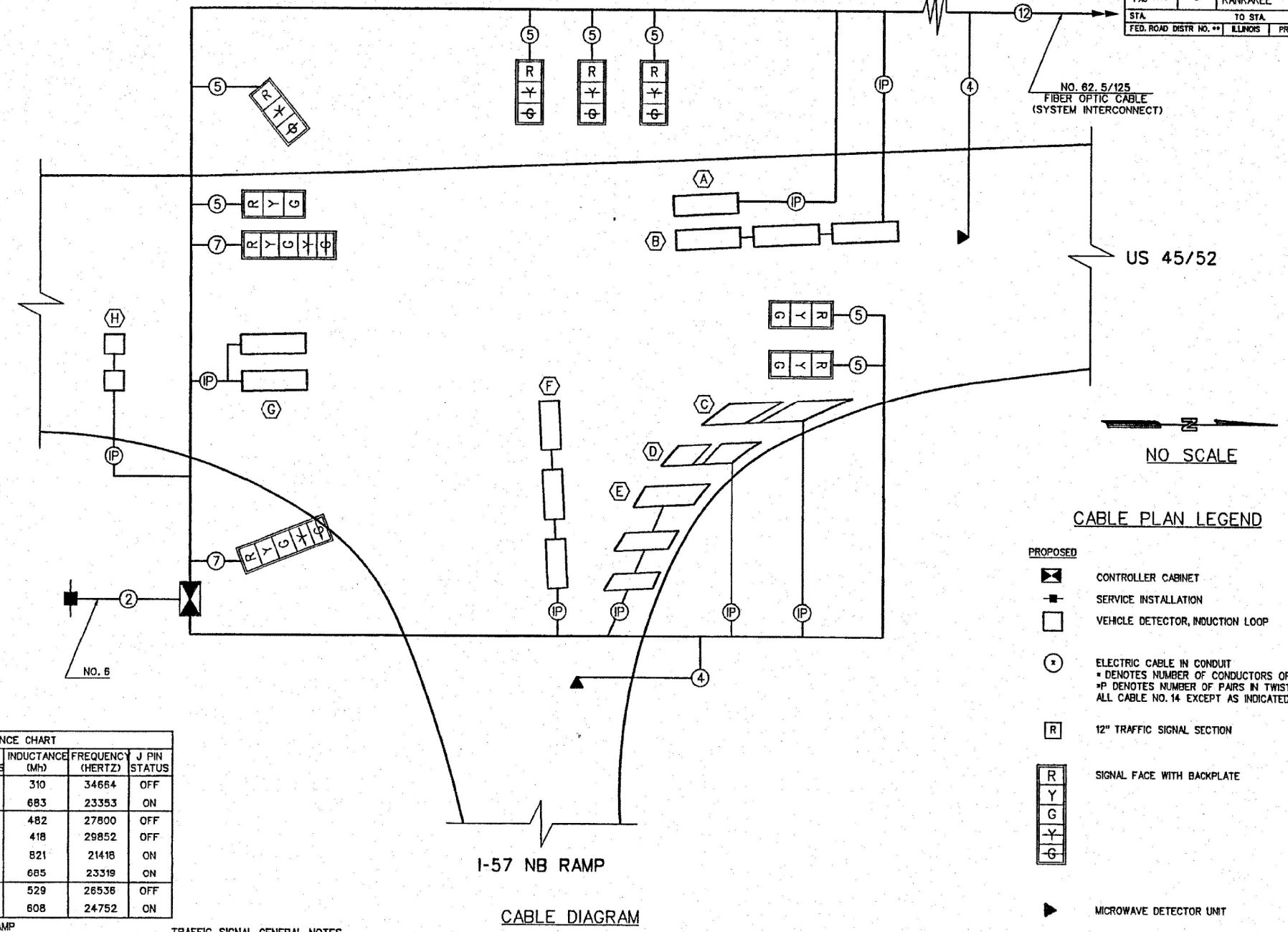
N.B. RAMP			
CODE NO.	ITEM	UNIT	QUANTITY
70101700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	0.33
72000100	SIGN PANEL TYPE 1	SQ FT	5
81012600	CONDUIT IN TRENCH, 2" DIA, PVC	FOOT	1302
81012700	CONDUIT IN TRENCH, 2 1/2" DIA, PVC	FOOT	134
81013000	CONDUIT IN TRENCH, 4" DIA, PVC	FOOT	8
81021350	CONDUIT PUSHED, 3" DIA, PVC	FOOT	252
81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6"x6"x1/2"	EACH	4
81400400	CONCRETE HANDHOLE	EACH	5
81400600	CONCRETE DOUBLE HANDHOLE	EACH	1
82401240	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1580
82401250	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	215
82401300	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1760
82401800	ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 2C	FOOT	450
82500140	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 12F	FOOT	796
83202520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18"	EACH	2
83402890	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32'	EACH	2
83402970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48'	EACH	1
83800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
83800200	CONCRETE FOUNDATION, TYPE D	FOOT	3
83800400	CONCRETE FOUNDATION, TYPE E 30" DIAMETER	FOOT	39
84020160	SIGNAL HEAD, POLYCARBONATE, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
84020170	SIGNAL HEAD, POLYCARBONATE, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5
84020270	SIGNAL HEAD, POLYCARBONATE, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
84020280	SIGNAL HEAD, POLYCARBONATE, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
84200400	TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	9
84400250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250W	EACH	3
84600105	INDUCTION LOOP DETECTOR (SPECIAL)	EACH	10
84700100	DETECTOR LOOP, TYPE I	FOOT	850
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86400100	TRANSCEIVER-FIBER OPTIC	EACH	1
86700200	SERVICE INSTALLATION, TYPE B	EACH	1
86800100	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1449
	MICROWAVE DETECTION UNIT	EACH	2
	CONDUIT ATTACHED TO STRUCTURE, 2" DIA, PVC COATED RIGID STEEL	FOOT	273

DETECTOR LOOP INDUCTANCE CHART						
LOOP SYSTEM	LABEL	PHASE	NUMBER OF TURNS	INDUCTANCE (mH)	FREQUENCY (HERTZ)	J PIN STATUS
A	SB STBR	6	4	310	34664	OFF
B	SB LT	1	4	683	23353	ON
C	WBRT FR	8	4	482	27800	OFF
D	WBRT MID	8	4	418	29852	OFF
E	WBRT BK	8	4	821	21418	ON
F	WBLT	8	4	665	23319	ON
G	NB STBR	2	4	529	26536	OFF
H	NB FAR	2	6	608	24752	ON

J PIN STATUS:
 'ON' MEANS STANDARD DETECTOR SETUP
 'OFF' MEANS THE J WIRE HAS BEEN DISCONNECTED, BUT INTACT AT THE HARMLESS PANEL WITH THE NECESSARY SPADE CONNECTION, ATTACHED, MARKED, AND INSULATED.

ELECTRICAL LOAD CHART			
U.S. ROUTE 45/52			
	NUMBER	WATTAGE	BURN TIME (2)
RED	5	135	61.7
YELLOW	5	135	6.7
GREEN	5	135	31.7
YELLOW ARROW	2	135	6.7
GREEN ARROW	2	135	29.2
I-57 NORTHBOUND RAMP			
	NUMBER	WATTAGE	BURN TIME (2)
RED	4	135	76.7
YELLOW ARROW	4	135	6.7
GREEN ARROW	4	135	45.8
TRAFFIC SIGNAL CABINET			
	NUMBER	WATTAGE	BURN TIME (2)
CONTROLLER LOOP DETECTOR	1	6	100
	8	4	100

- TRAFFIC SIGNAL GENERAL NOTES**
- THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. (I.U.L.E. 800-892-0123)
 - ALL DETECTOR AMPLIFIERS SHALL BE SINGLE CHANNEL AND SHELF MOUNTED.
 - ALL SIGNAL BASES SHALL BE LOCATED A MINIMUM OF 15 FEET FROM THE EDGE OF PAVEMENT OR 6 FEET FROM THE EDGE OF SHOULDER UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 - A 1/4" DIAMETER CONTINUOUS NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER AS INCIDENTAL TO THE RESPECTIVE CONDUIT PAY ITEM.
 - THE PROPOSED TRAFFIC SIGNAL CONTROL CABINET SHALL BE FURNISHED WITH A MANUAL CONTROL SWITCH AND MANUAL CONTROL CORD WITHIN THE POLICE DOOR COMPARTMENT AS INCIDENTAL TO THE CONTROL CABINET PAY ITEM.
 - THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNAL IS TURNED ON, INCIDENTAL TO THE CONTROLLER PAY ITEM.
 - THE DEPARTMENT OF TRANSPORTATION (815-434-8506) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE TURNING ON OF THE CONTROLLER UNIT.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNAL AND STREET LIGHTING. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO BEGINNING WORK TO OBTAIN THE UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION.
 - NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FEET MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
 - ALL MAST ARM MOUNTED SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE RED INDICATIONS ARE LEVEL WITH EACH OTHER.
 - THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
 - ALL DETECTOR LOOP HARNESSES SHALL BE FURNISHED WITH PLASTIC TAGS LABELED WITH RESPECTIVE PHASES AND DIRECTION AS LISTED IN THE DETECTOR LOOP CHART. MINIMUM TAG SIZE OF 3/8" BY 3/4". ALL DETECTOR AMPLIFIERS SHALL BE LABELED THE SAME AS THE HARNESS WITH A REMOVABLE TAG. TAGS SHALL BE MADE OF A MATERIAL THAT DOES NOT ALLOW WRITING TO FADE OVER TIME.
 - THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY, INCIDENTAL TO THE CONDUIT OR FOUNDATION PAY ITEM.
 - ALL THREADS OF BOLTS USED IN ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.
 - THE LENGTH OF DETECTOR LOOP CABLE FROM THE SHOULDER TO THE HANDHOLE IS INCIDENTAL TO THE DETECTOR LOOP PAY ITEM.
 - DOUBLE FUSED FUSE HOLDERS AND SURGE ARRESTORS ARE TO BE SUPPLIED AND INSTALLED BY THE CONTRACTOR IN THE BASE OF THE COMBINATION MAST ARM AS INCIDENTAL TO THE LIGHT FIXTURE PAY ITEM. THE LIGHT FIXTURE ON THE COMBINATION MAST ARM SHALL BE ATTACHED TO AN 16 FOOT ARM AS SHOWN IN THE STANDARD DRAWINGS, UNLESS SPECIFICALLY STATED OTHERWISE ELSEWHERE IN THE PLANS.
 - THE ENGINEER SHALL APPROVE THE LOCATION OF THE DETECTOR LOOPS BEFORE SLOTS ARE SAWS IN THE PAVEMENT.



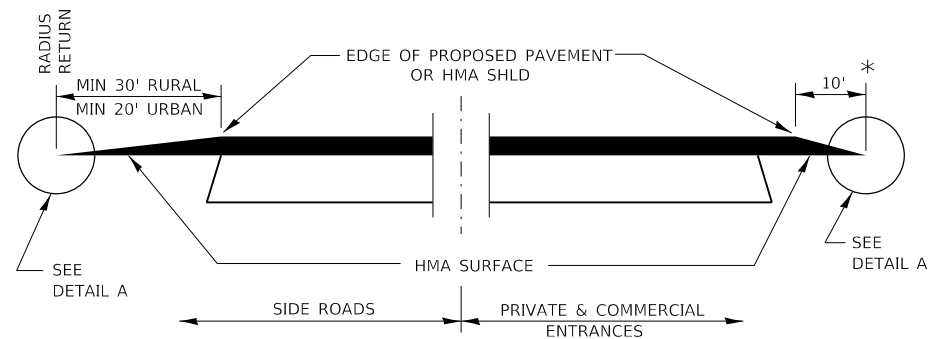
CABLE PLAN LEGEND

- PROPOSED**
- CONTROLLER CABINET
 - SERVICE INSTALLATION
 - VEHICLE DETECTOR, INDUCTION LOOP
 - ELECTRIC CABLE IN CONDUIT
 - * DENOTES NUMBER OF CONDUCTORS OR FIBERS
 - +P DENOTES NUMBER OF PAIRS IN TWISTED SHIELDED CABLE
 - ALL CABLE NO. 14 EXCEPT AS INDICATED
 - 12" TRAFFIC SIGNAL SECTION
 - SIGNAL FACE WITH BACKPLATE
 - MICROWAVE DETECTOR UNIT
 - THE CONTROLLER SHALL BE ORIENTED SUCH THAT INTERSECTION OPERATION AND CONTROLLER COMPONENTS CAN BE VIEWED SIMULTANEOUSLY.
 - DIVE HOLES FOR ALL CONDUITS FOR DETECTOR TAILS SHALL BE SEPARATED BY A MINIMUM OF SIX INCHES.

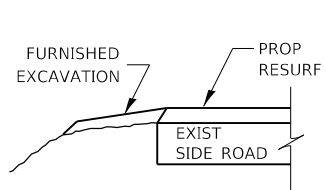
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

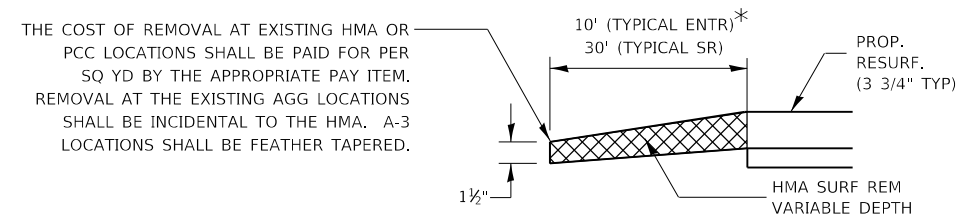
**FOR INFORMATION ONLY
 DETECTOR LOOPS**



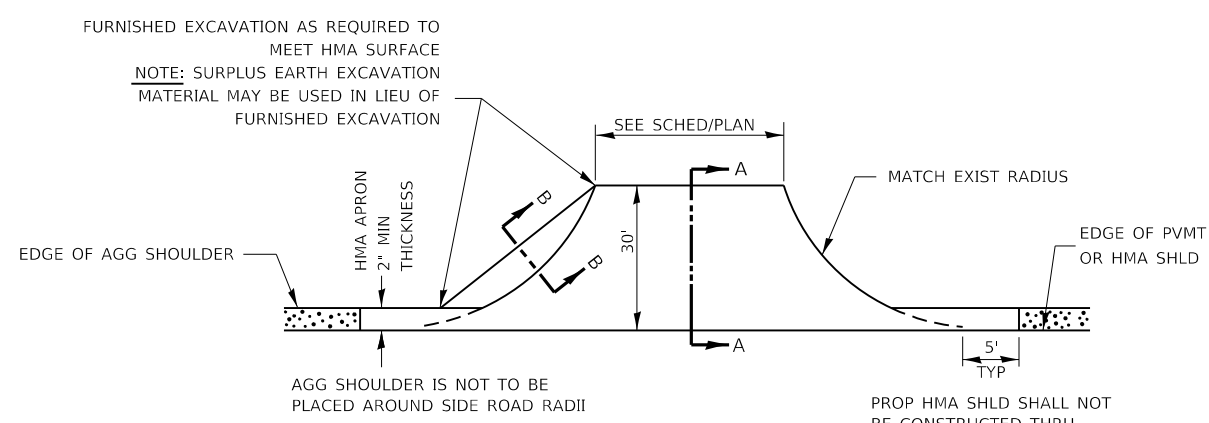
SECTION A-A
DETAILS AT ENTRANCES & SIDE ROADS



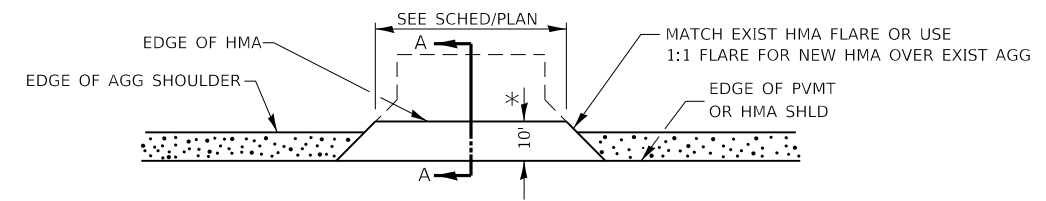
SECTION B-B



DETAIL A



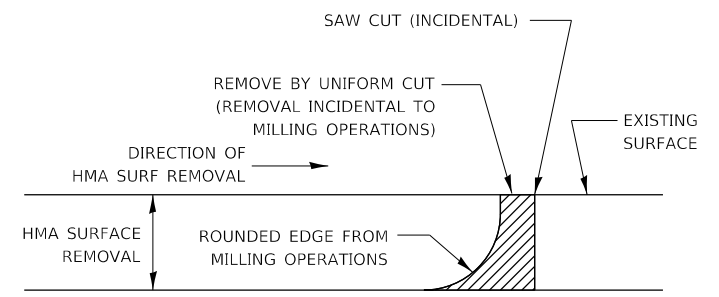
PLAN AT SIDE ROADS



PLAN AT PRIVATE & COMMERCIAL ENTRANCES

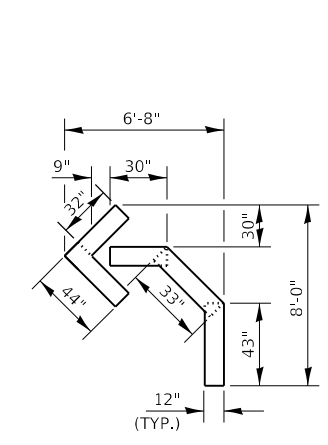
(DO NOT RESURFACE FIELD ENTRANCES)

* PROPOSED HMA RESURFACING AT PUBLIC EDUCATIONAL FACILITY ENTRANCES SHALL BE EXTENDED TO THE RIGHT-OF-WAY LIMITS.

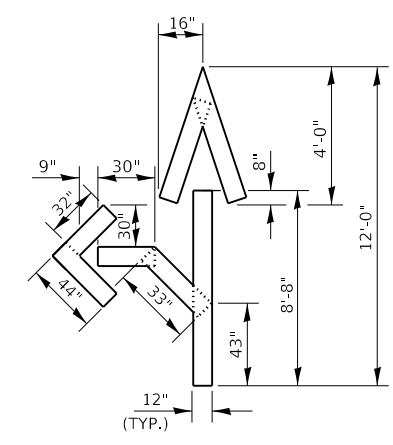


NOTE:
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

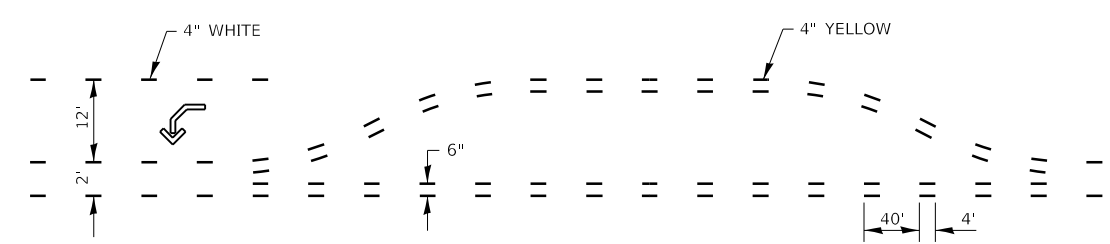
HMA DETAIL AT BUTT JOINTS



QUANTITY
12" LINE = 16 LIN FT
OR 4" LINE = 48 LIN FT



QUANTITY
12" LINE = 29 LIN FT
OR 4" LINE = 87 LIN FT



SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS

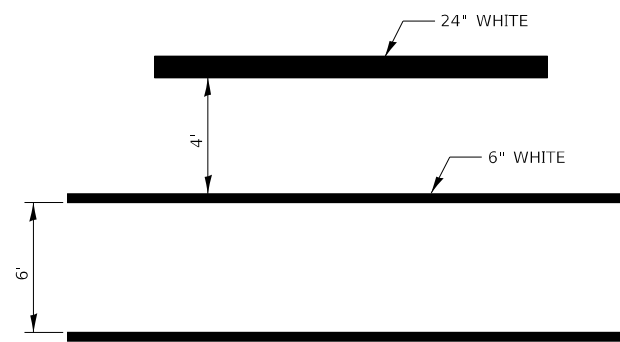
MODEL: I:\MODELS\MAR15... FILE: MAR15... CALDERON\0382773\0366875-shc-dwg.dgn

USER NAME = calderon1	DESIGNED -	REVISED -
DRAWN -	REVISIONS -	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/6/2020	DATE -	REVISED -

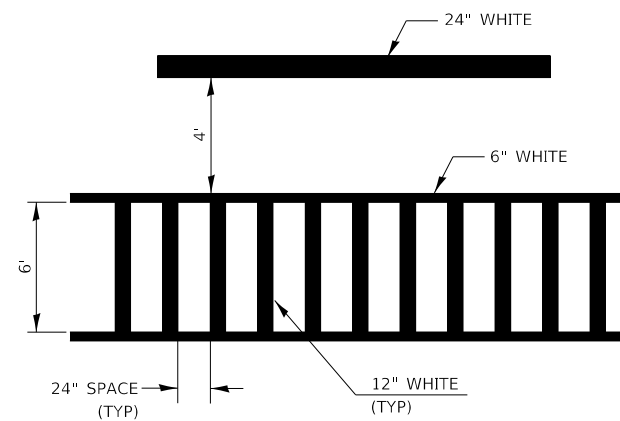
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS	
SCALE:	SHEET OF SHEETS STA. TO STA.

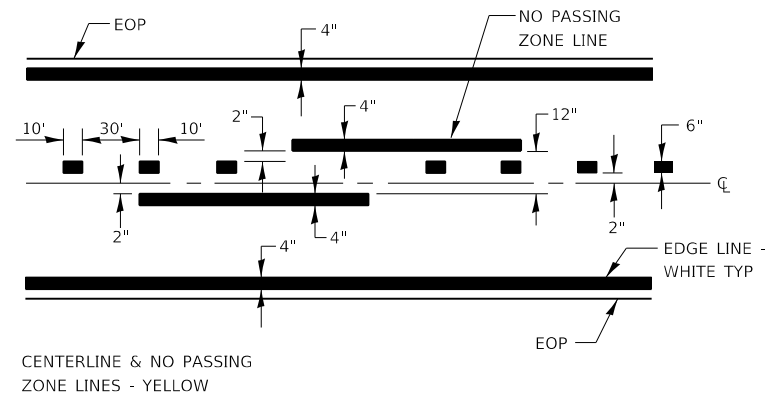
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 R5-4 & 139 R5-6	KANK / IROQ	49	45
CONTRACT NO. 66B75			ILLINOIS FED. AID PROJECT	



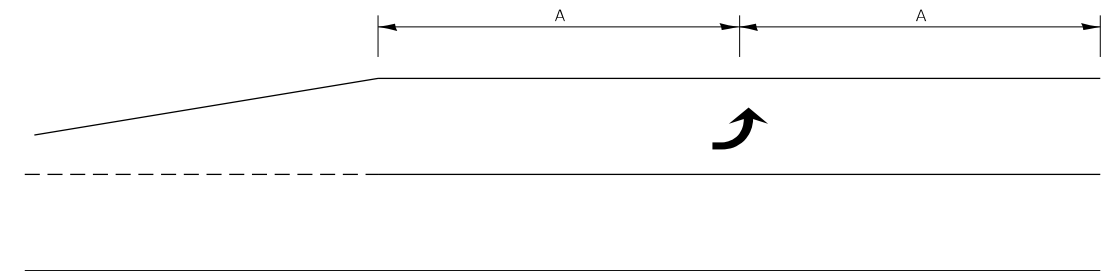
TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS



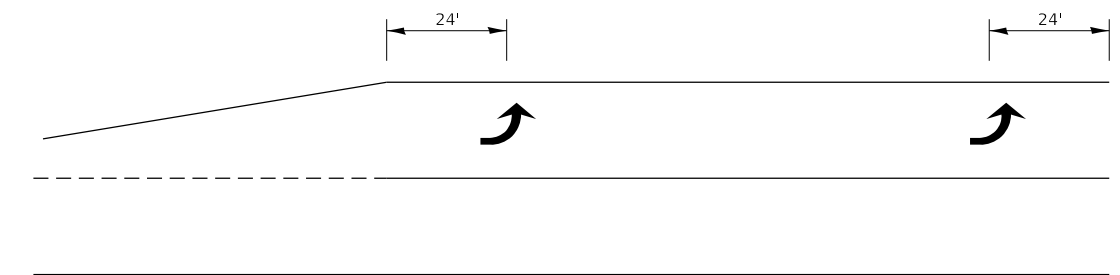
TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS



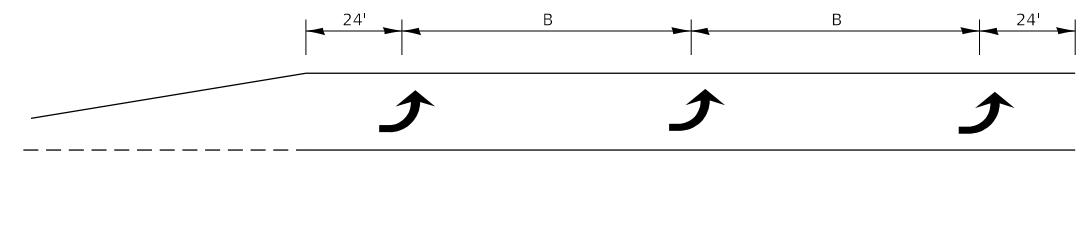
PAVEMENT MARKING



99' AND UNDER



100' TO 149'



150' AND LONGER

TYPICAL PLACEMENT OF ARROWS IN TURN LANES

URBAN PAVEMENT MARKING

MODEL: \\MODELMARKETS
FILE: \\marks_cad\work\spdbld\calderon\60382773\0366875-shc-cad\blk.dgn

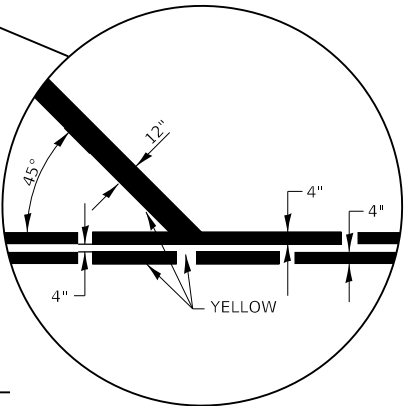
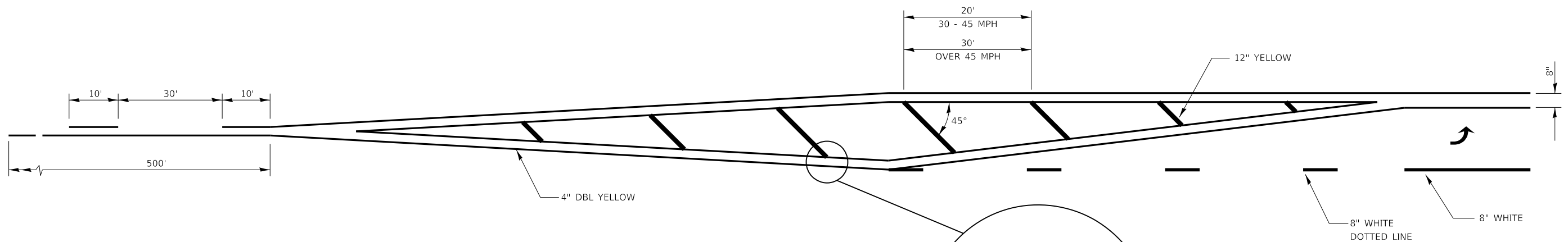
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISIED -
PLOT DATE = 2/6/2020	CHECKED -	REVISIED -
	DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

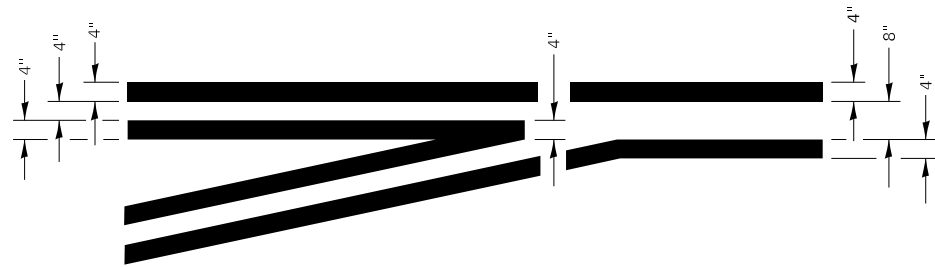
DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

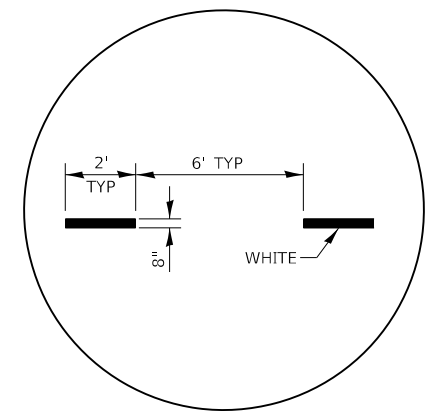
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 R5-4 & 139 R5-6	KANK / IROQ	49	46
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				



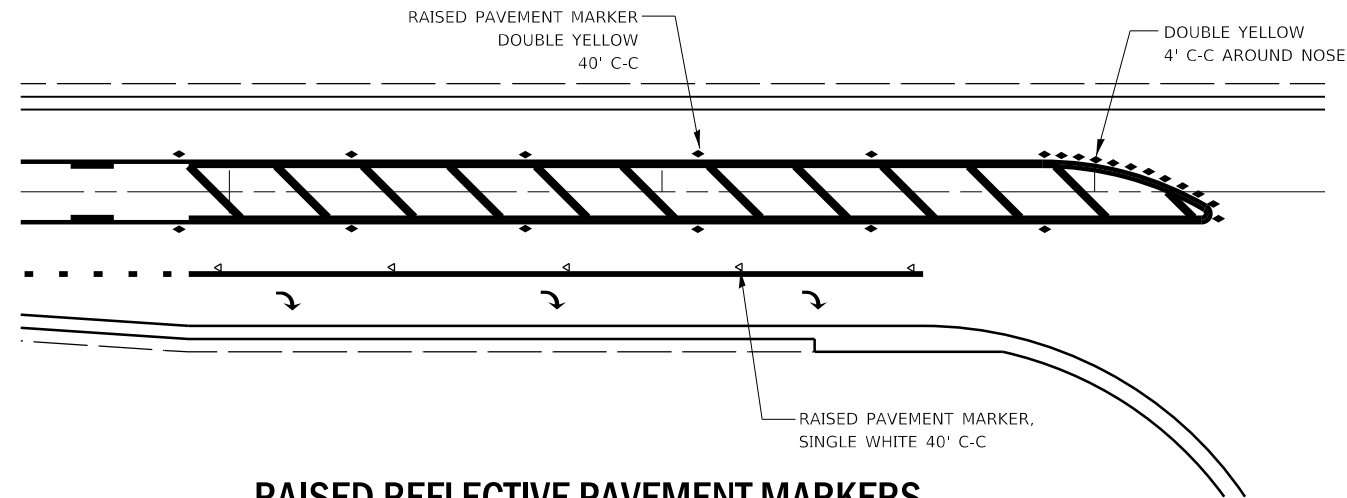
LEFT TURN LANE WITH APPROACH MEDIAN



**LEFT TURN LANE
TYPICAL APPLICATION**



**ADVANCE AND INTERSECTION LANE
DIVIDER LINES**



**RAISED REFLECTIVE PAVEMENT MARKERS
@ RIGHT TURN LANE**

MODEL: MODEL\MARTE
 FILE: MARTE.dwg
 USER: calderoni
 DATE: 2/6/2020

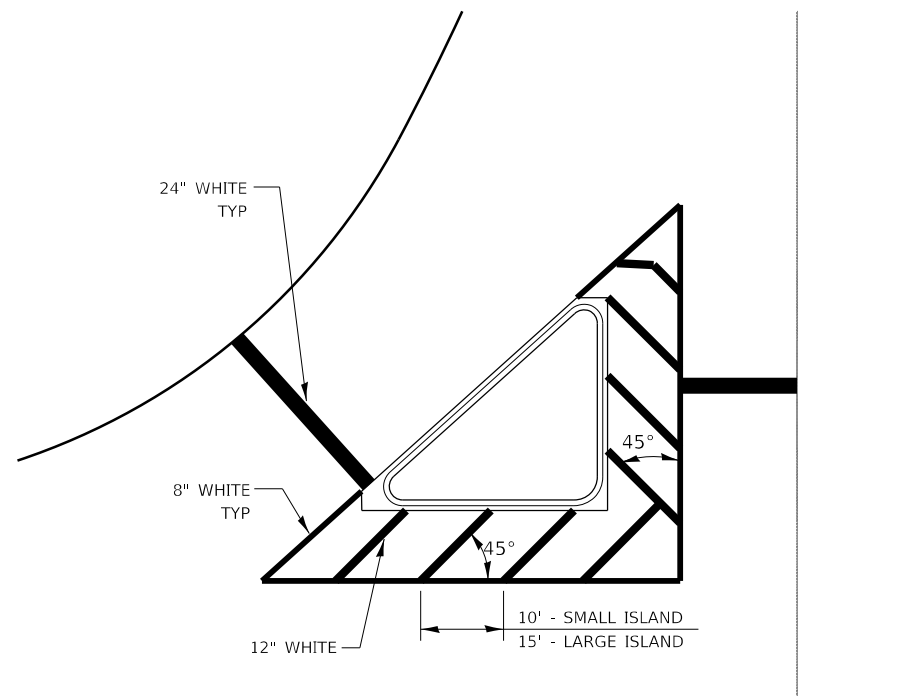
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PLOT DATE = 2/6/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

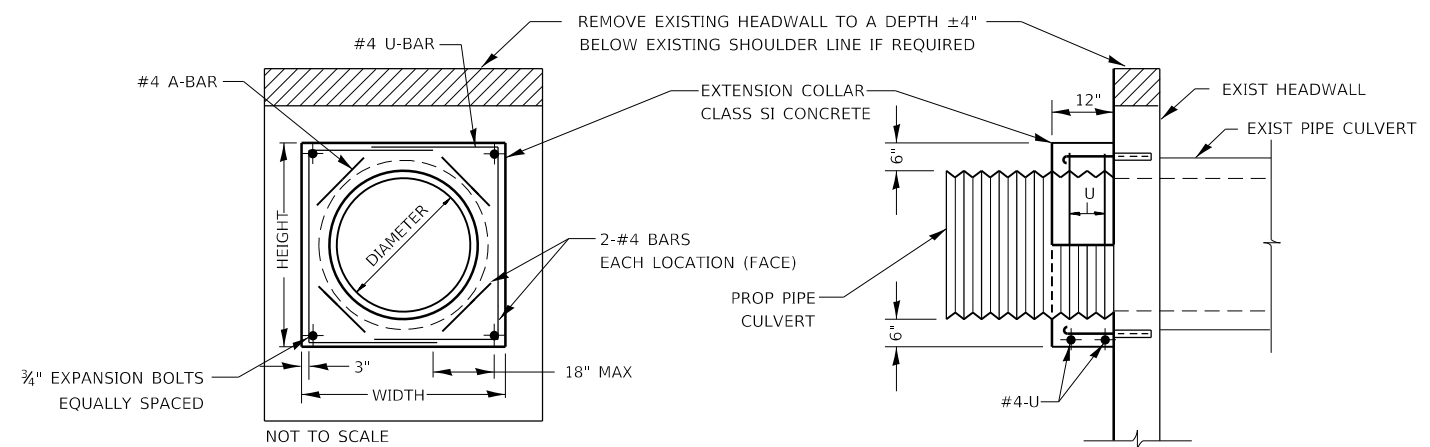
DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

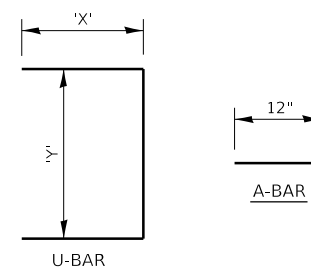
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 R5-4 & 139 R5-6	KANK / IROQ	49	47
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				



TYPICAL ISLAND



EXPANSION BOLTS SHALL CONSIST OF SELF DRILLING EXPANSION SHIELDS AND 3/4" DIA HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO NEW CONCRETE.
MINIMUM CERTIFIED PROOF LOAD = 4,080 LBS



LOCATION	EXISTING CULVERT SIZE	PIPE DIMENSION	PIPE AREA	EXTENSION COLLAR		A-BAR		U-BAR		CLASS SI CONC COLLAR	REINFORCEMENT BARS	3/4" DIA EXPANSION BOLTS
				WIDTH	HEIGHT	12	'X'	'Y'	CU YD			
715+18	18	18	1.8	32	32	12	18	24	0.20	32.1	4	

QUANTITIES ARE FOR ONE SIDE ONLY

COLLAR DETAILS (CMP EXTENSION OF PIPE CULVERT)

MODEL: \\MODELM\A\MS FILES
FILE: \\MODELM\A\MS\work\spw\idb\calderon\10382773\20266875-shc-detaile.dgn

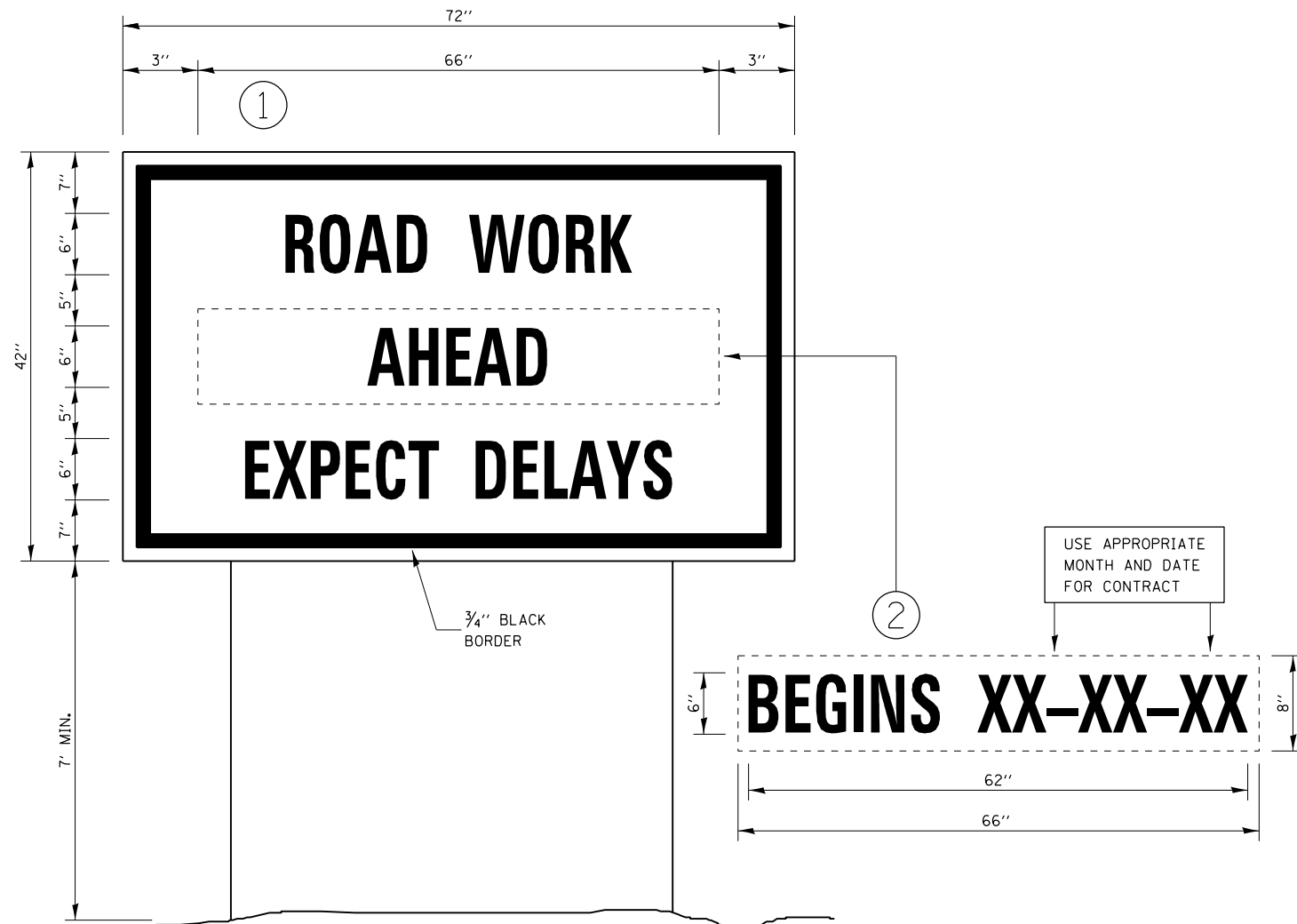
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISIED -
PLOT DATE = 2/6/2020	CHECKED -	REVISIED -
	DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

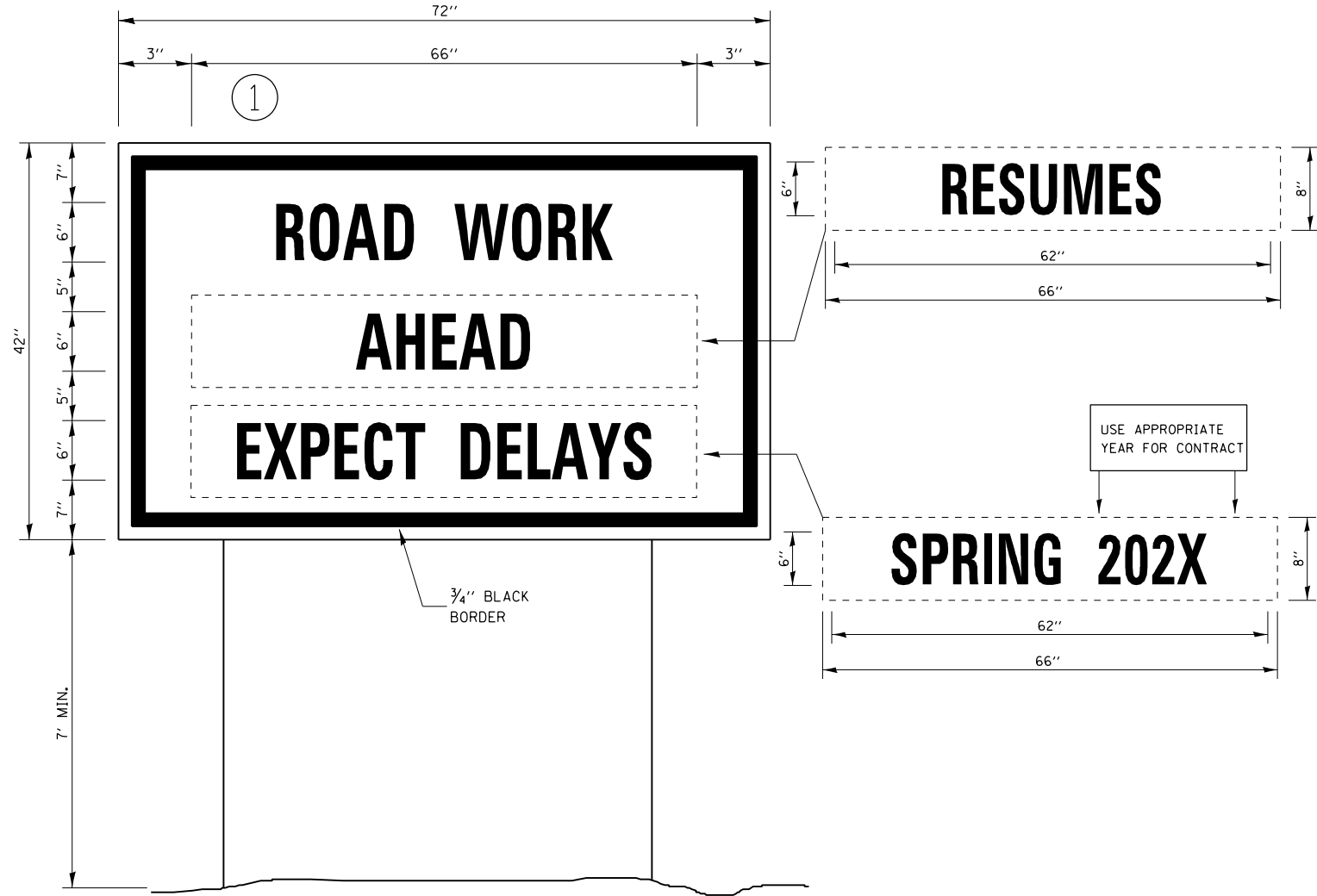
DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 R5-4 & 139 R5-6	KANK / IROQ	49	48
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				



TEMPORARY INFORMATION SIGNING



WINTER CLOSURE SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

MODEL: \\MODELS\MJMFES
 FILE: \\models_csp\work\spw\calderon\0383773\0366875-sh-cdot\sk.dgn

USER NAME = calderonl	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/6/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	138 R5-4 & 139 R5-6	KANK / IROQ	49	49
CONTRACT NO. 66B75				
ILLINOIS FED. AID PROJECT				