

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 322 (U.S. RTE. 51)
SECTION (20RS-4-1), 20RS-3
PROJECT NHPP-1WTV(706)
RESURFACING (3P)
FAYETTE COUNTY

C-97-100-10

FOR INDEX OF SHEETS, SEE SHEET NO. 2

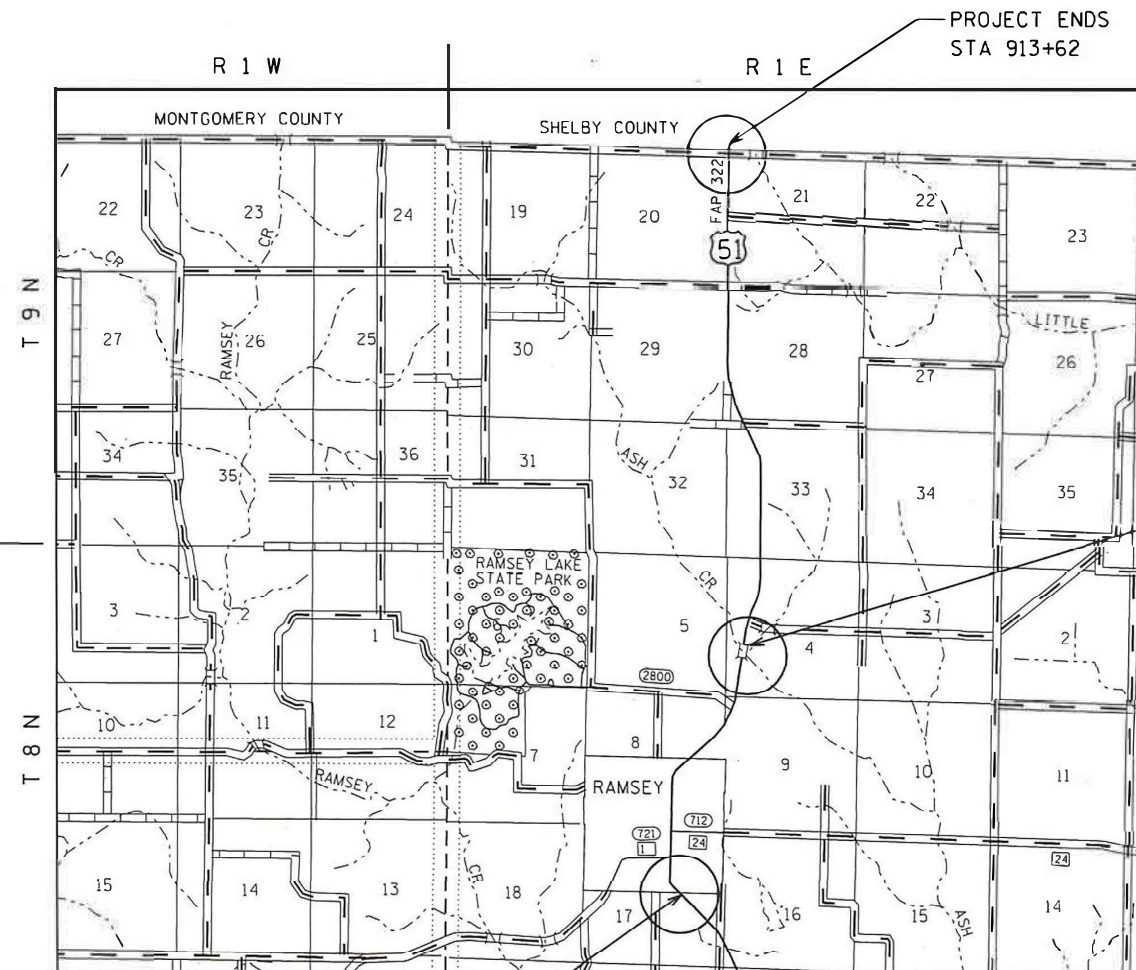
ADT = 3100 (2021)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	1
		ILLINOIS	CONTRACT NO. 74458	

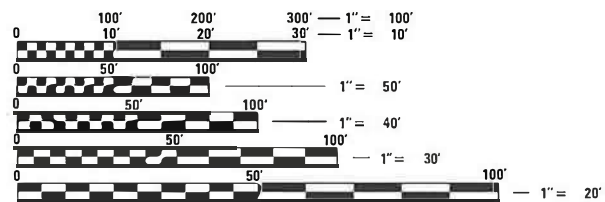
D-97-041-10



LOCATION OF SECTION INDICATED THIS: - [black bar]



SN 026-0095



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

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

PROJECT ENGINEER: MATT BOWER (217) 342-8359
PROJECT MANAGER: REID TORBECK (217) 342-8257

CONTRACT NO. 74458

GROSS LENGTH = 29,314 FT. = 5.55 MILE
NET LENGTH = 30,820 FT. = 5.84 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED FEBRUARY 7 2024
Jeffrey P. Murphy
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 22, 2024
Scott A. Eck
ENGINEER OF DESIGN AND ENVIRONMENT

March 22, 2024
Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS & GENERAL NOTES
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76-87	PAVEMENT MARKING PLANS
88-95	BRIDGE REPAIR PLANS
96-102	SPECIAL DETAILS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING FINAL NUMBERED SHEET.

STD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND A FOOT
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
606001-08	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
667101-02	PERMANENT SURVEY MARKERS
701006-05	OFF ROAD OPERATIONS, 2L, 2W, 15' TO EDGE OF PAVEMENT
701011-04	OFF ROAD MOVING OPERATIONS-2L, 2W-DAY ONLY
701201-05	LANE CLOSURE 2L2W- DAY ONLY
701301-04	LANE CLOSURE - SHORT TERM OPERATIONS
701311-03	LANE CLOSURE - MOVING OPERATIONS - DAY ONLY
701316-13	LANE CLOSURE 2L2W-BRIDGE REPAIR FOR SPEEDS > 45 MPH
701321-18	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES FOR SPEEDS >45 MPH
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-09	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
420001-10	PAVEMENT JOINTS
420101-07	24' JOINTED PCC PAVEMENT
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
728001-01	TELESCOPING STEEL SIGN SUPPORT
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES:

THE WORK INCLUDED IN SECTION (20RS-4-1), 20RS-3 CONSISTS OF BRIDGE REHABILITATION, PAVEMENT PATCHING, HMA RESURFACING, AGGREGATE SHOULDERS, ADA IMPROVEMENTS AND OTHER WORK NECESSARY TO COMPLETE THE SECTION.

THE PROPOSED PROJECT BEGINS 0.2 MILES SOUTH OF 9TH STREET IN RAMSEY AND RUNS 5.55 MILES NORTH TO THE SHELBY COUNTY LINE.

THE MATERIAL USED FOR AGGREGATE WEDGE SHOULDERS, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE. THE MATERIAL USED FOR AGGREGATE SURFACE COURSE, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

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

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON TOP OF THE HOT MIX ASPHALT BINDER COURSE, IL-9.5FG, N90 AT ALL CENTERLINE AND TURN LANE JOINTS.

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

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

AGGREGATE WEDGE SHOULDERS	2.05 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.10 GAL/SQ YD
HOT-MIX ASPHALT	112 LBS/SQ YD/INCH

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

LOCATION(S)	MIXTURE USE(S)	PG	DESIGN AIR Voids	MIXTURE COMPOSITION	FRICTION AGGREGATE	MIXTURE WEIGHT	QUALITY MANAGEMENT PROGRAM	SUBLOT SIZE	MATERIAL TRANSFER DEVICE (REQUIRED?)
MAINLINE	HMA SURFACE COURSE, IL-9.5, MIX "C", N70 (2.0")	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	PPF	1000	N/A
MAINLINE	HMA SURFACE COURSE, IL-9.5FG, N70 (1.75")	PG 64-22	4.0% @ N=70	IL - 9.5FG	N/A	N70	PPF	1000	N/A
PATCHING	HMA BINDER COURSE, IL-19.0, N70	PG 64-22	4.0% @ N=70	IL - 19.0	N/A	N70	QC/QA	3000	N/A
INCIDENTAL	HMA SURFACE COURSE, IL-9.5, MIX "C", N70	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QC/QA	3000	N/A
SHOULDER	HMA SURFACE COURSE, IL-9.5, MIX "C", N70 (2.0" TOP LIFT)	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QC/QA	3000	N/A
SHOULDER	HMA SURFACE COURSE, IL-9.5FG, N70 (1.75" BOTTOM LIFT)	PG 64-22	4.0% @ N=70	IL - 9.5FG	N/A	N70	QC/QA	3000	N/A
PARTIAL DEPTH PATCHING	HMA BINDER COURSE, IL-19.0, N70	PG 64-22	4.0% @ N=70	IL - 19.0	N/A	N70	QC/QA	3000	N/A

REV. - MS

FILE NAME =	USER NAME = Mono.Steffen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISIONS	DATE			CONTRACT NO. 74458					
PLOT DATE = 2/13/2024	DATE -	REVISED -	SCALE: NA			SHEET NO. 1 OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE								
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE 0005	STRUCTURE 80% FEDERAL 20% STATE 0047	80% FEDERAL 10% STATE 10% VILLAGE PARKING LANES 0005	80% FEDERAL 20% COUNTY W 6TH ENTRANCE 0005	80% FEDERAL 20% VILLAGE ENTRANCES CURB 0005				
21400100	GRADING AND SHAPING DITCHES	FOOT	100	100								
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	273	244				29				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	20410	19642		768						
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	40.4	40.4								
40600990	TEMPORARY RAMP	SQ YD	49	49								
40602970	HOT-MIX ASPHALT BINDER COURSE, 1L-9.5FG, N70	TON	9957	9581		376						
40604052	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	11428	10998		430						
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	383	284			8	91				
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	273	244				29				
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	3625	3467				158				
42400800	DETECTABLE WARNINGS	SQ FT	318	298				20				
44000100	PAVEMENT REMOVAL	SQ YD	280	260				20				
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	87518	87518								
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	15985	12146		3839						

REV. - MS

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE								
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE 0005	STRUCTURE 80% FEDERAL 20% STATE 0047	80% FEDERAL 10% STATE 10% VILLAGE PARKING LANES 0005	80% FEDERAL 20% COUNTY W 6TH ENTRANCE 0005	80% FEDERAL 20% VILLAGE ENTRANCES CURB 0005				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	624	463				161				
44000600	SIDEWALK REMOVAL	SO FT	3211	3090				121				
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SO YD	4097	4097								
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SO YD	856	856								
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SO YD	337	337								
44213200	SAW CUTS	FOOT	307	262				45				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3027	3027								
48203100	HOT-MIX ASPHALT SHOULDERS	TON	3992	3992								
50102400	CONCRETE REMOVAL	CU YD	9.5	9.5								
50105220	PIPE CULVERT REMOVAL	FOOT	36	36								
50300255	CONCRETE SUPERSTRUCTURE	CU YD	10.2	10.2								
50300260	BRIDGE DECK GROOVING	SO YD	413	413								
50300300	PROTECTIVE COAT	SO YD	457	457								
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1280	1280								

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE								
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50800515	BAR SPLICERS	EACH	12		12							
52000110	PREFORMED JOINT STRIP SEAL	FOOT	95		95							
542C0229	PIPE CULVERTS, CLASS C, TYPE 1 24"	FOOT	40	40								
60261300	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	9	9								
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	20	20								
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	6	6								
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1								
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1								
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5	5								
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12								
67100100	MOBILIZATION	L SUM	1	1								
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	1	1								
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1		1							
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1								

* SPECIALTY ITEM

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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 1 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(2ORS-4-1), 2ORS-3	FAYETTE	102	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74458	

REV. - MS

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE								
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE	STRUCTURE 80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE PARKING LANES	80% FEDERAL 20% COUNTY W 6TH ENTRANCE	80% FEDERAL 20% VILLAGE ENTRANCES CURB				
				0005	0047	0005	0005	0005				
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1								
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1								
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1								
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	15								
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	2		2							
70300100	SHORT TERM PAVEMENT MARKING	FOOT	9231	9231								
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	76950	76950								
70400100	TEMPORARY CONCRETE BARRIER	FOOT	462.5		462.5							
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	462.5		462.5							
70600240	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2	EACH	2		2							
70600340	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 2	EACH	2		2							
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	96	80				16				
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	62	62								
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	24289	24289								

* SPECIALTY ITEM

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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 1 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(2ORS-4-1), 2ORS-3	FAYETTE	102	6
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

REV. - MS

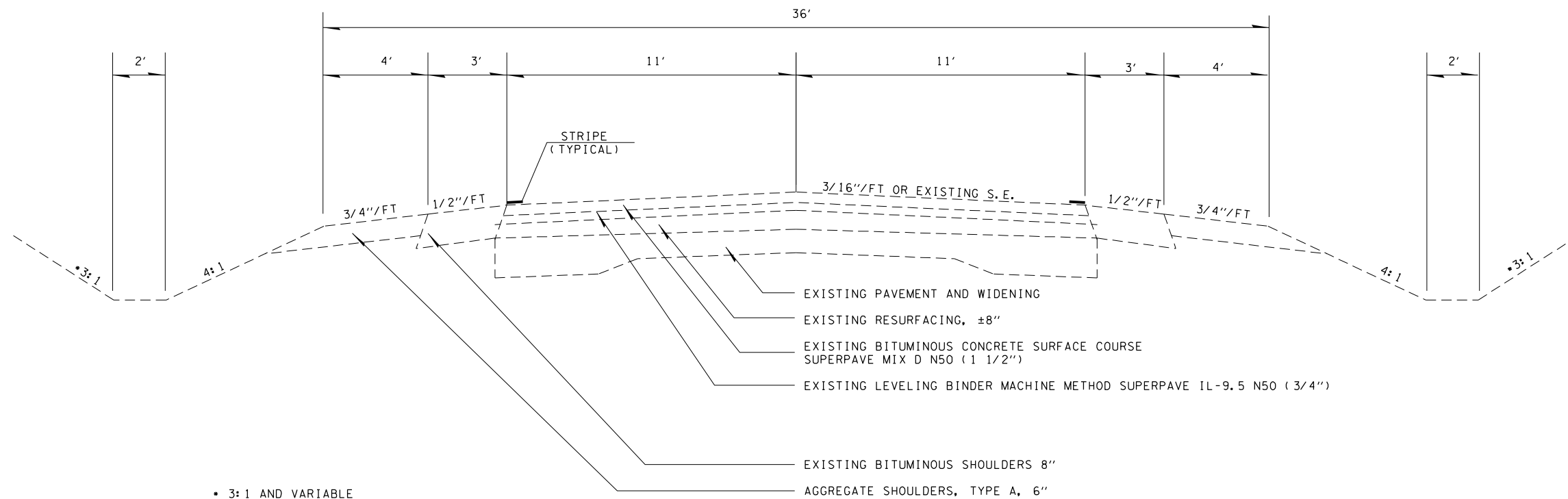
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE										
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80% FEDERAL 20% STATE	STRUCTURE 80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE PARKING LANES	80% FEDERAL 20% COUNTY W 6TH ENTRANCE	80% FEDERAL 20% VILLAGE ENTRANCES CURB						
				0005	0047	0005	0005	0005						
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1220	1220										
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	220	220										
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	74	74										
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	53161	53161										
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SO FT	62	62										
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	24289	24289										
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1220	1220										
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	220	220										
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	74	74										
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	442	442										
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	442	442										
* X2600012	REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY	EACH	6	5				1						
X4060995	TEMPORARY RAMP, SPECIAL	SO YD	597	597										

* SPECIALTY ITEM

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PLOT SCALE = 100.0000' / in.	DATE -	REVISED -	SCALE: NA SHEET NO. 1 OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT				
PLOT DATE = 2/13/2024	DATE -	REVISED -	CONTRACT NO. 74458							

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE								
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X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	743				60	683				
X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	728	570				158				
70107025	CHANGEABLE MESSAGE SIGN	CAL DAY	28	28								
Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SO YD	3.9		3.9							
Z0012110	BRIDGE DECK FLY ASH OR GGBF SLAG CONCRETE OVERLAY, 2 1/4"	SO YD	431		431							
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SO YD	431		431							
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SO YD	2		2							
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SO YD	2		2							
40600370	LONGITUDINAL JOINT SEALANT	FOOT	30693	30693								
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	22	22								
Ø Z0076600	TRAINEES	HOUR	500	500								
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500								
Ø 0042												

REV. - MS



• 3:1 AND VARIABLE
 LT & RT STA 620+00.00 TO STA 636+55.00

EXISTING TYPICAL SECTION

STA. 619+86.00 TO STA. 636+55.00

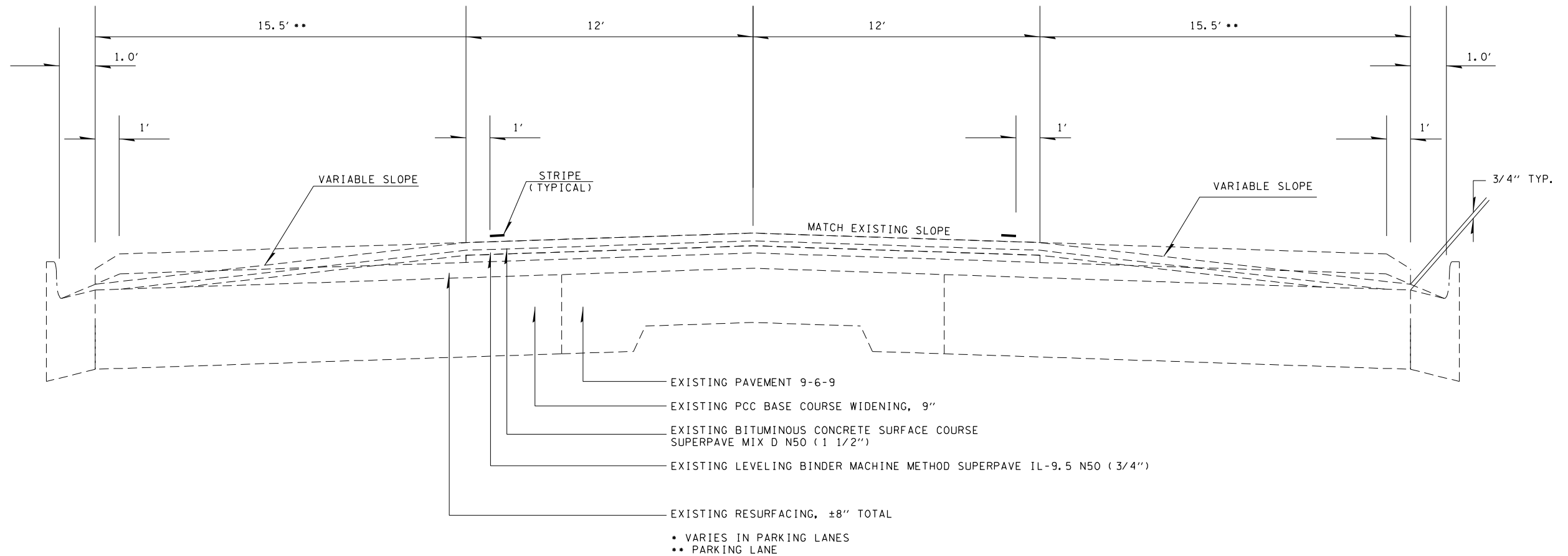
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		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

SCALE: NA SHEET NO. 1 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	10
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

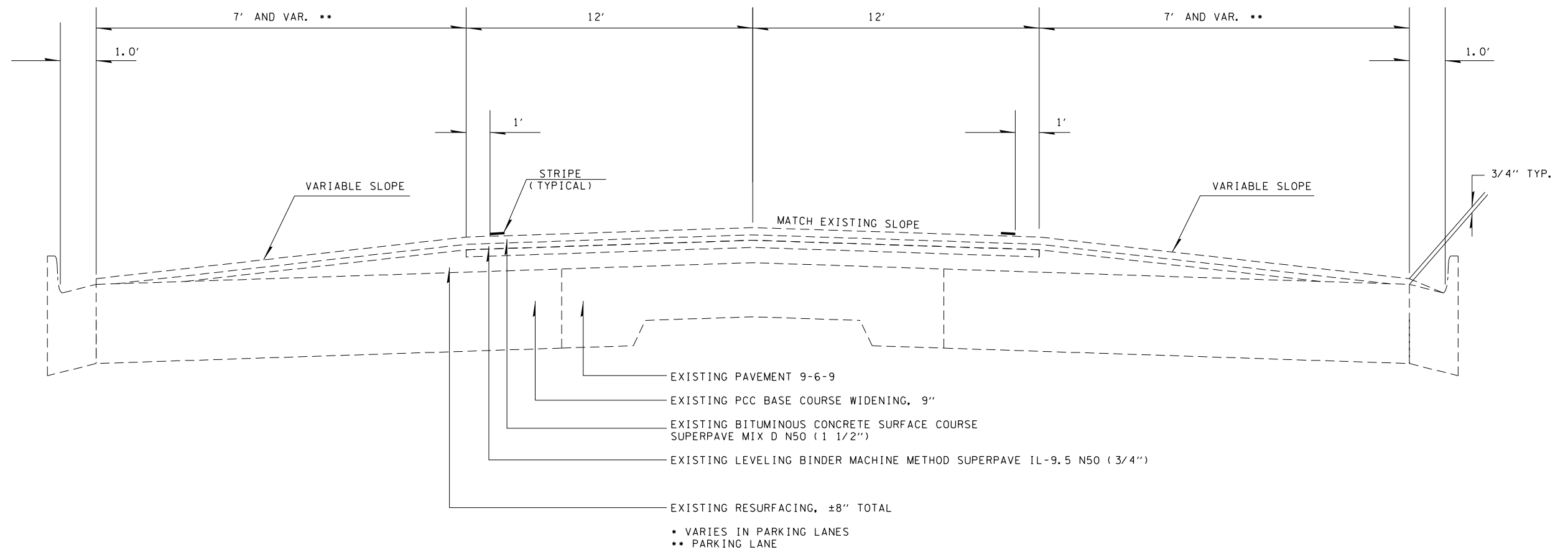


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		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS			
SCALE: NA	SHEET NO. 2 OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(2ORS-4-1), 2ORS-3	FAYETTE	102	11
CONTRACT NO. 74458			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION
 STA. 647+47.20 TO STA. 669+04.00

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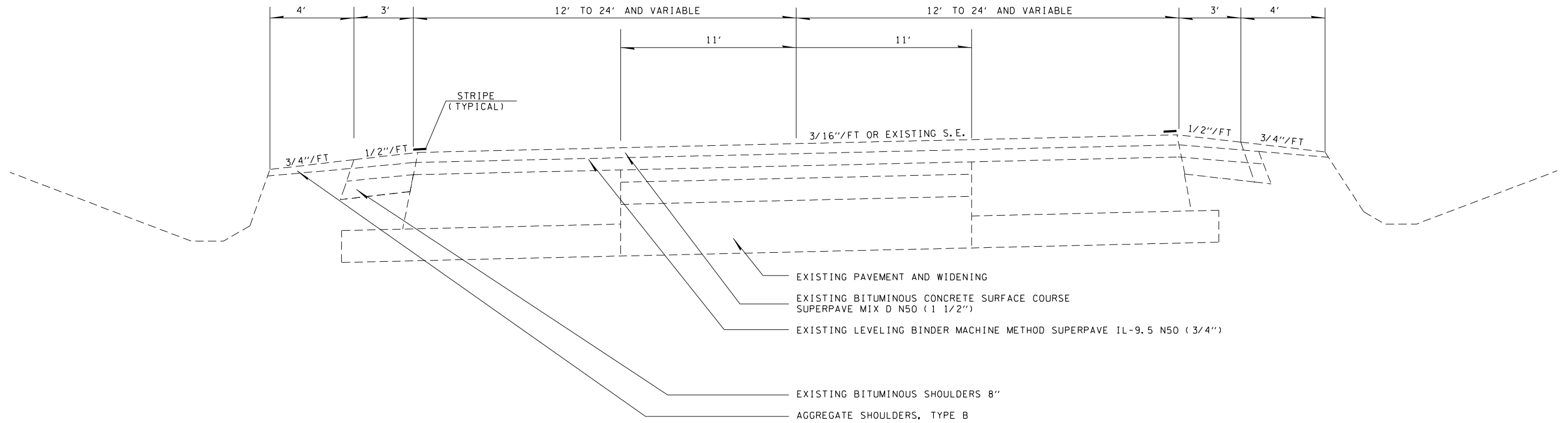
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

SCALE: NA SHEET NO. 3 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	12
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

STA. 647+47.20 TO STA. 669+04.60



EXISTING TYPICAL SECTION

STA. 669+04.00 TO STA. 703+37.46
 STA. 698+00.00 TO STA. 913+62.00

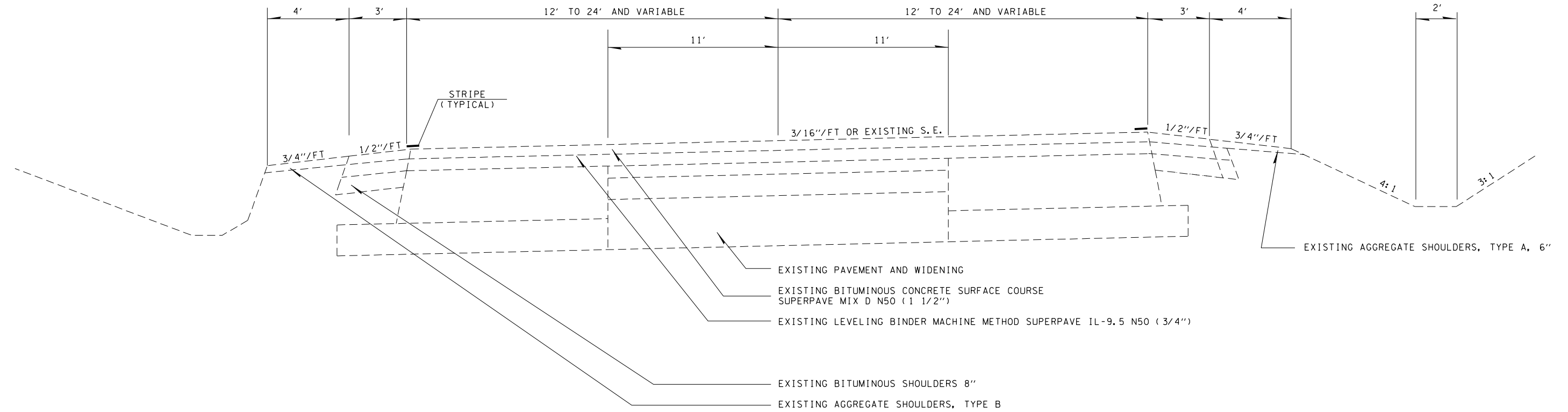
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		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

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

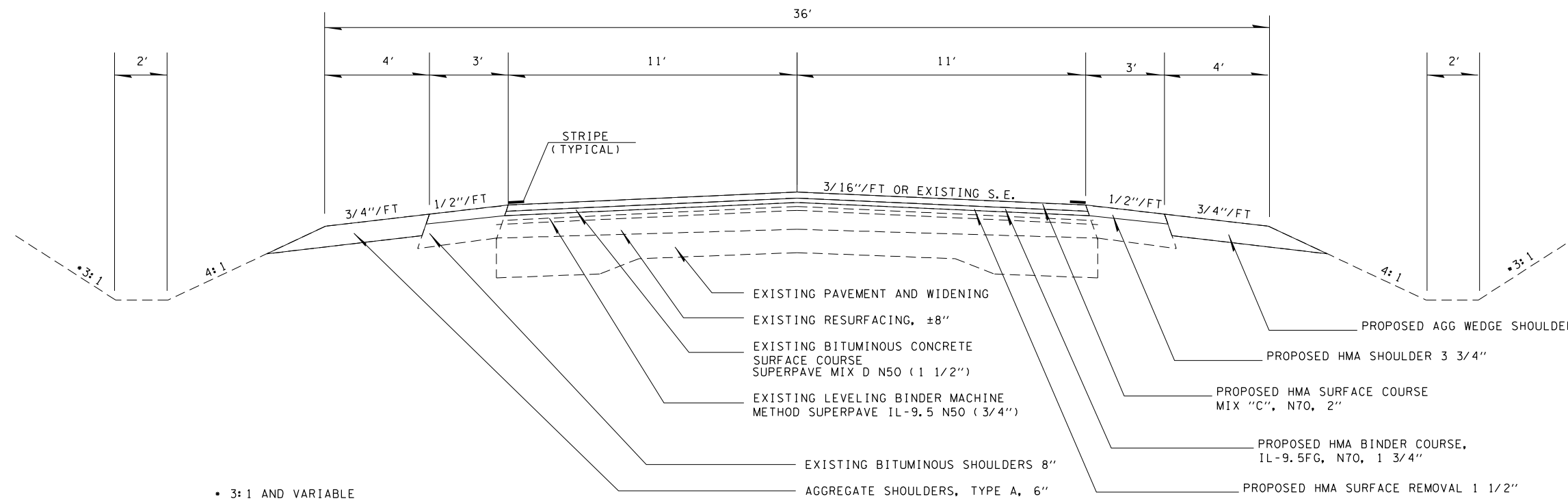
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	13
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION

STA. 703+37.46 TO STA. 694+50

FILE NAME =	USER NAME = mono.steffen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 7\Projects\74458\CAD\Drawings\Drawings\74458-shr-typical.dgn		CHECKED -	REVISED -					322	(20RS-4-1), 20RS-3	FAYETTE	102	14
		PLOT SCALE = 100.0000' / in.	REVISIONS -		SCALE: NA			SHEET NO. 5 OF	SHEETS	STA.	TO STA.	CONTRACT NO. 74458
		PLOT DATE = 2/9/2024	DATE -		ILLINOIS FED. AID PROJECT							

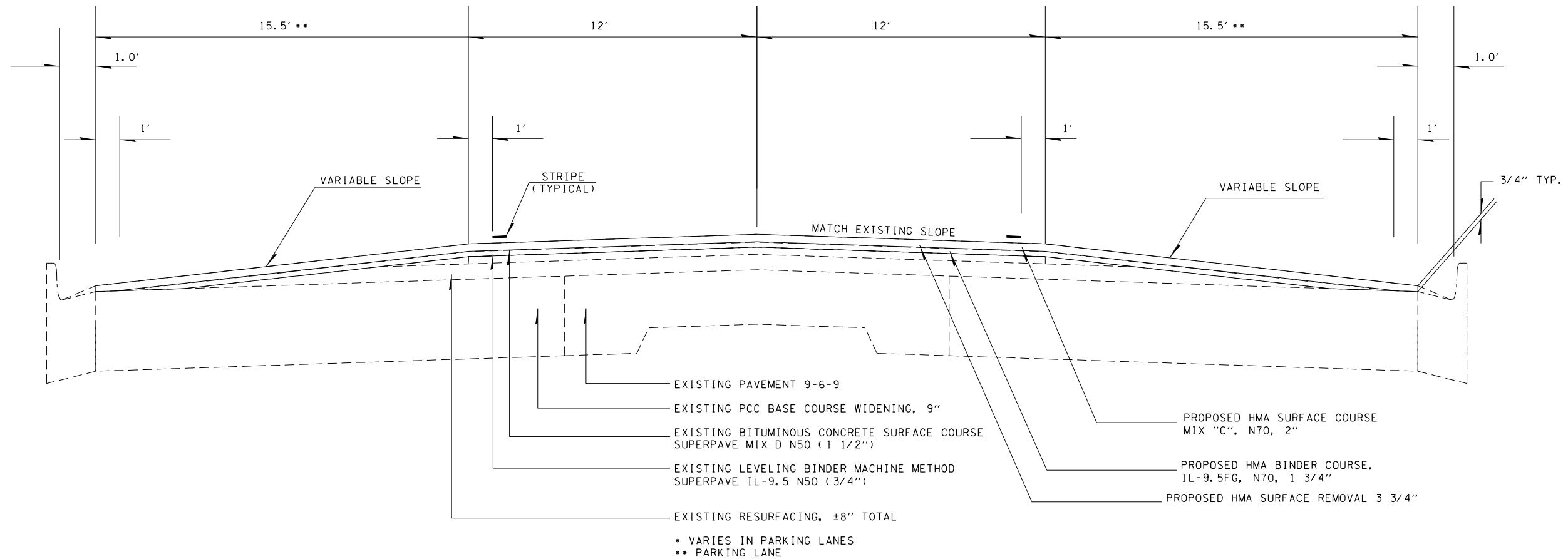


• 3:1 AND VARIABLE
 LT & RT STA 620+00.00 TO STA 636+55.00

PROPOSED TYPICAL SECTION

STA. 619+86.00 TO STA. 636+55.00

FILE NAME =	USER NAME = mono.steffen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\dot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 7\Projects\74458\CADD\Drawings\Drawings\74458-shr-typicals.dgn	DRAWN	REVISIONS	REVISIONS					322	(20RS-4-1), 20RS-3	FAYETTE	102	15
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISIONS	REVISIONS		CONTRACT NO. 74458							
PLOT DATE = 2/9/2024	DATE -	REVISIONS	REVISIONS		SCALE: NA	SHEET NO. 1 OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION
 STA. 636+55 TO STA. 647+47.20

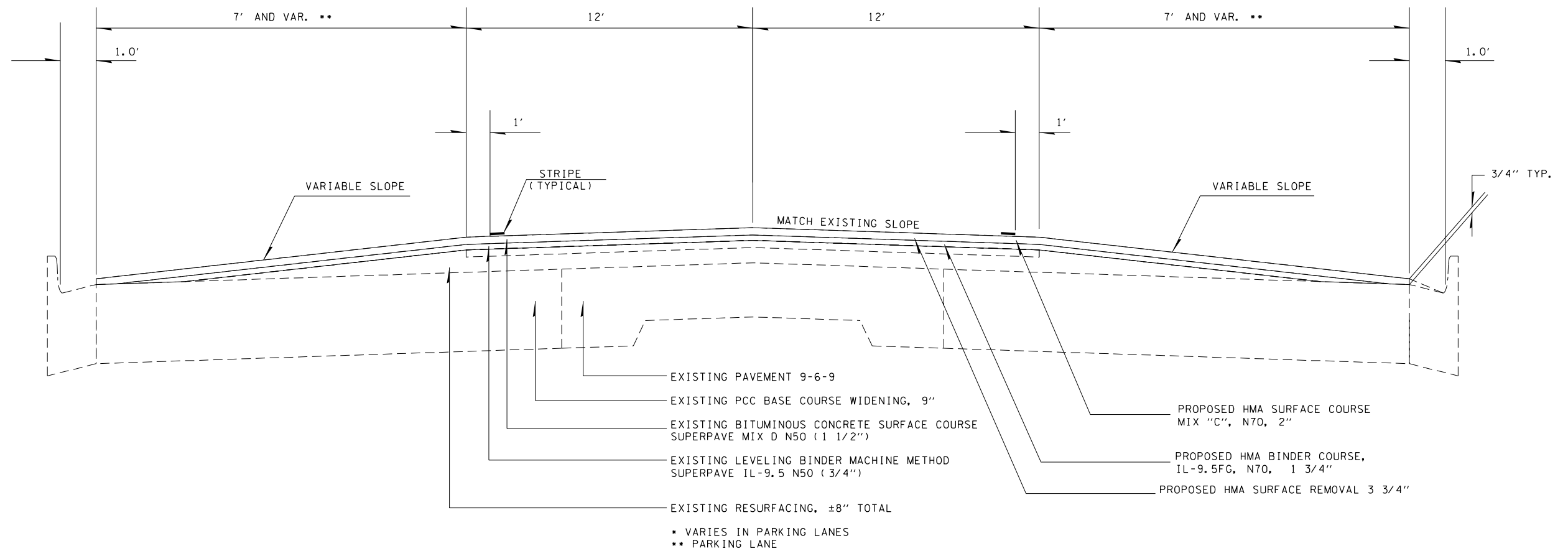
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PLOT SCALE = 100.0000' / in.	DATE -	REVISIONS	
PLOT DATE = 2/9/2024			

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

SCALE: NA SHEET NO. 2 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(2ORS-4-1), 2ORS-3	FAYETTE	102	16
CONTRACT NO. 74458			ILLINOIS FED. AID PROJECT	



PROPOSED TYPICAL SECTION

STA. 647+47.20 TO STA. 669+04.00

FILE NAME =	USER NAME = mono.steffen	DESIGNED -	REVISED -
p:\dot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 7\Projects\74458\CADD\Drawings\Drawings\74458-sh-typical.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

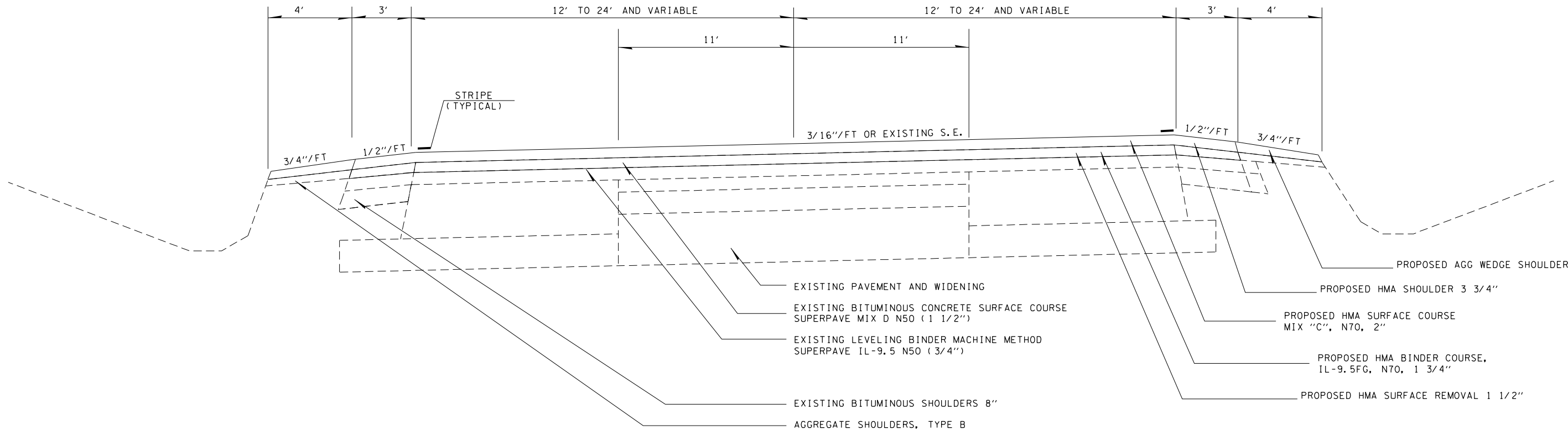
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

SCALE: NA SHEET NO. 3 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	17
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

STA. 647+47.20 TO STA. 669+04.60



PROPOSED TYPICAL SECTION

STA. 669+04.00 TO STA. 703+37.46
 STA. 698+00.00 TO STA. 913+62.00

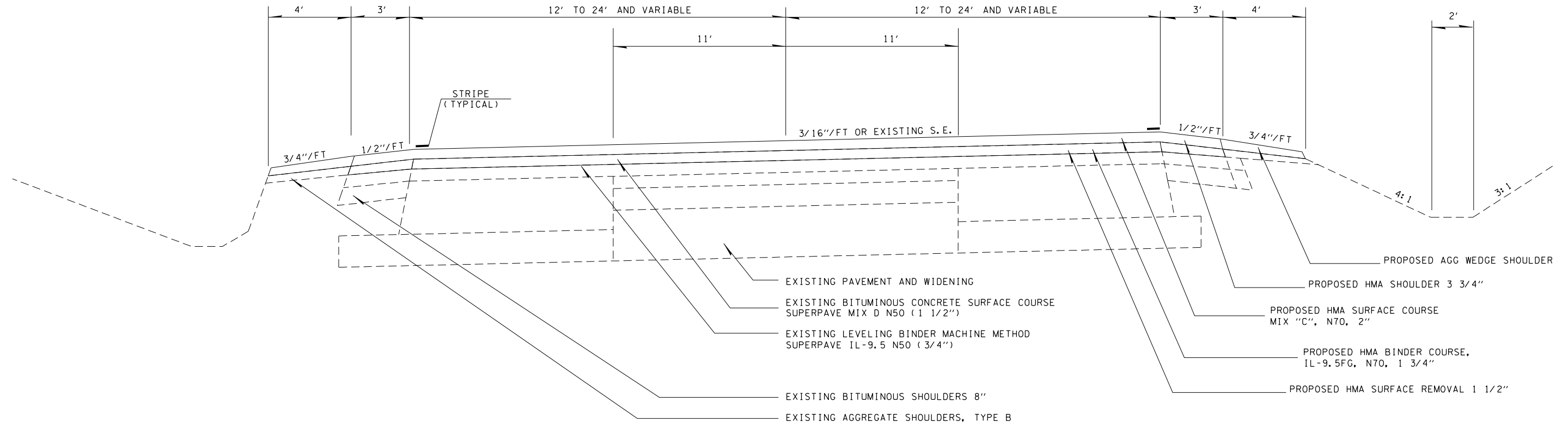
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		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	18
CONTRACT NO. 74458			ILLINOIS FED. AID PROJECT	



PROPOSED TYPICAL SECTION

STA. 703+37.46 TO STA. 694+50

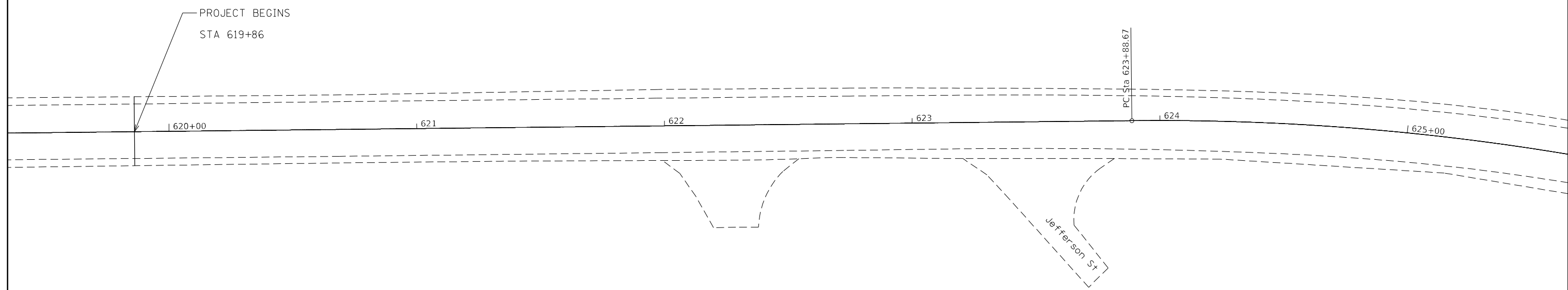
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

SCALE: NA SHEET NO. 5 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	19
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



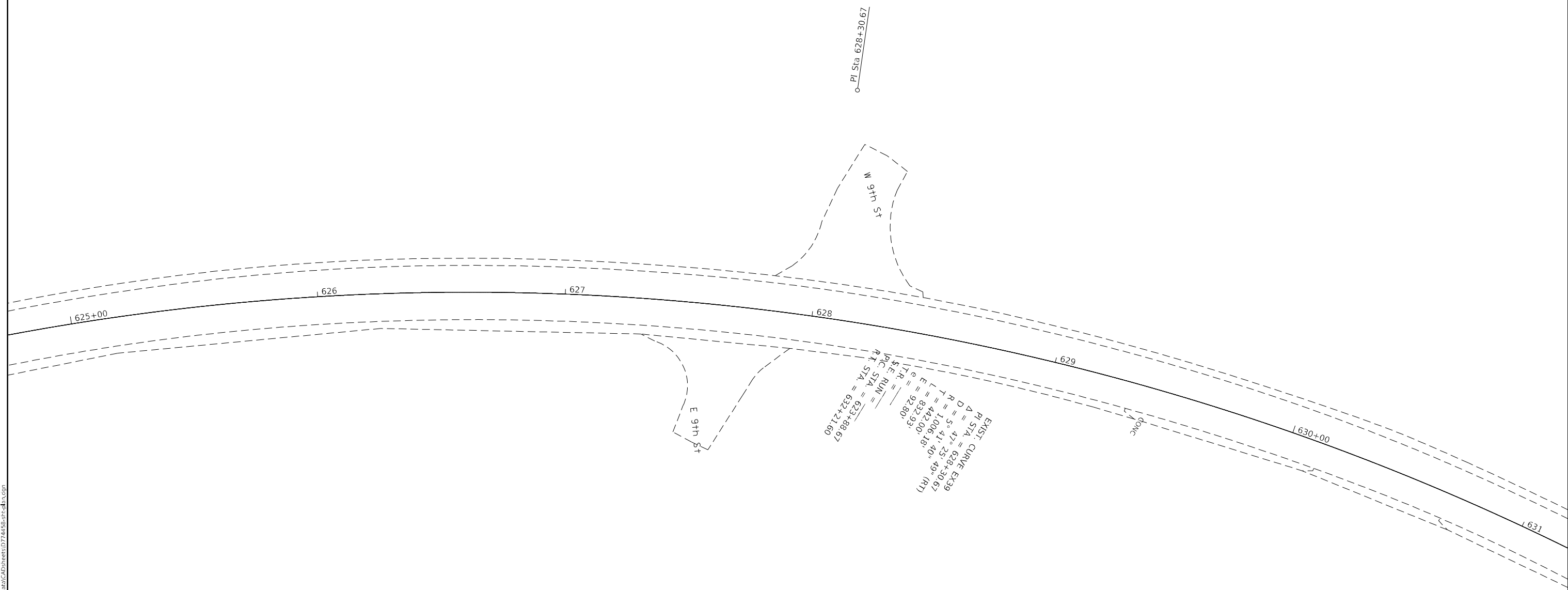
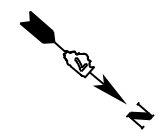
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USER NAME = mona.steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 PLAN SHEETS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	23
				CONTRACT NO. 74458
ILLINOIS FED. AID PROJECT				



EXIST. CURVE EX39
 Δ = 47° 25' 49" (RT)
 D = 628+30.67
 R = 1,006.18'
 L = 442.00'
 E = 832.93'
 T.R. = 92.80'
 S.E. =
 P.C. RUN =
 P.I. STA = 628+30.67
 P.T. STA = 632+21.60

MODEL: Default
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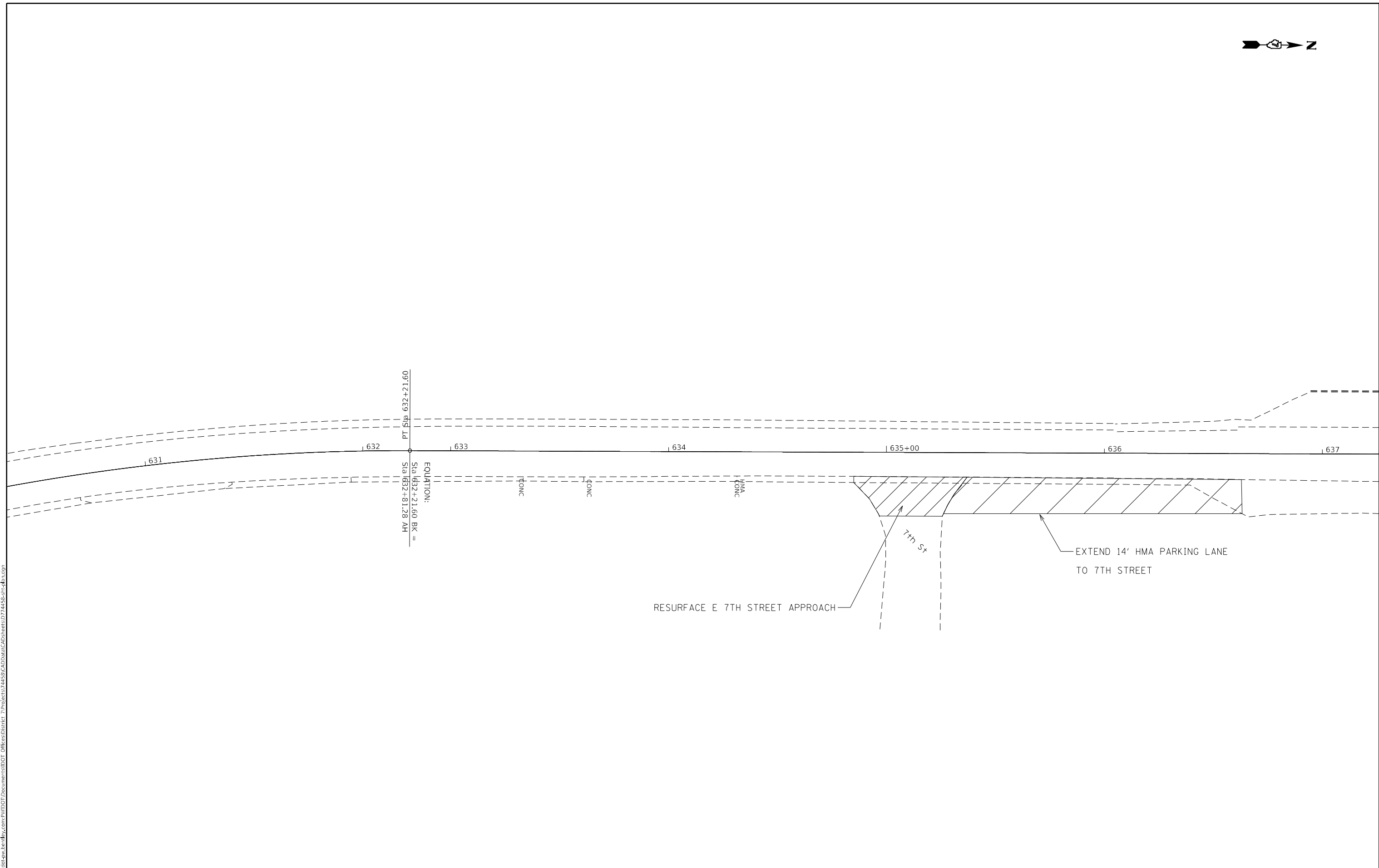
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PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 PLAN SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	24
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



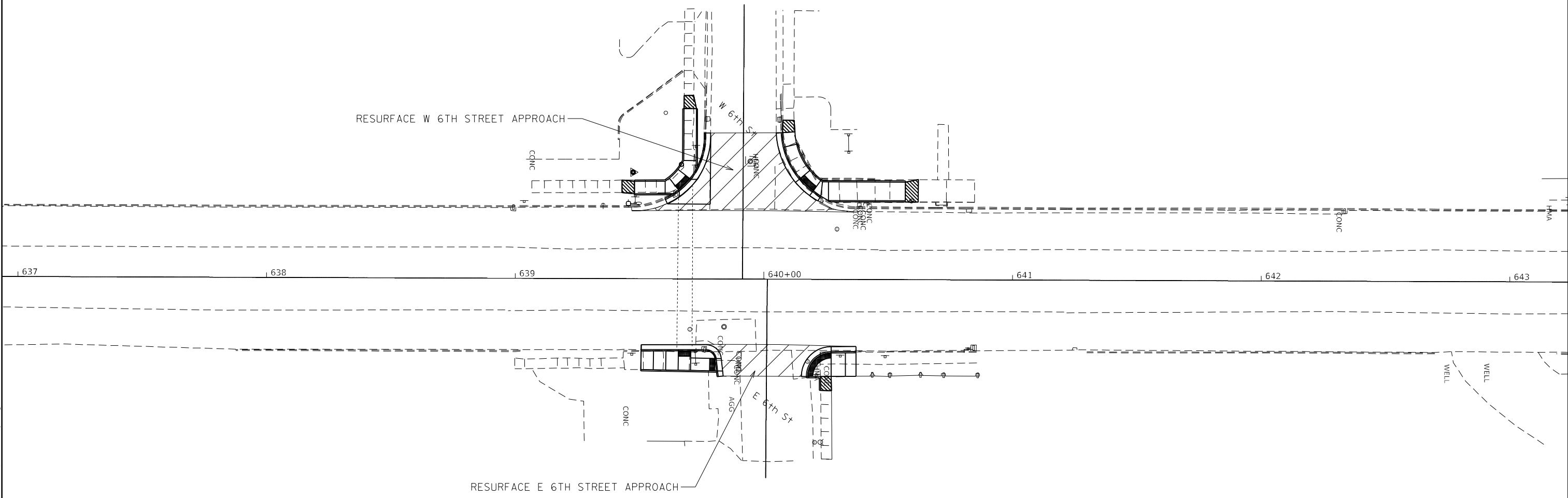
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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 PLAN SHEETS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	25
				CONTRACT NO. 74458
		ILLINOIS	FED. AID PROJECT	



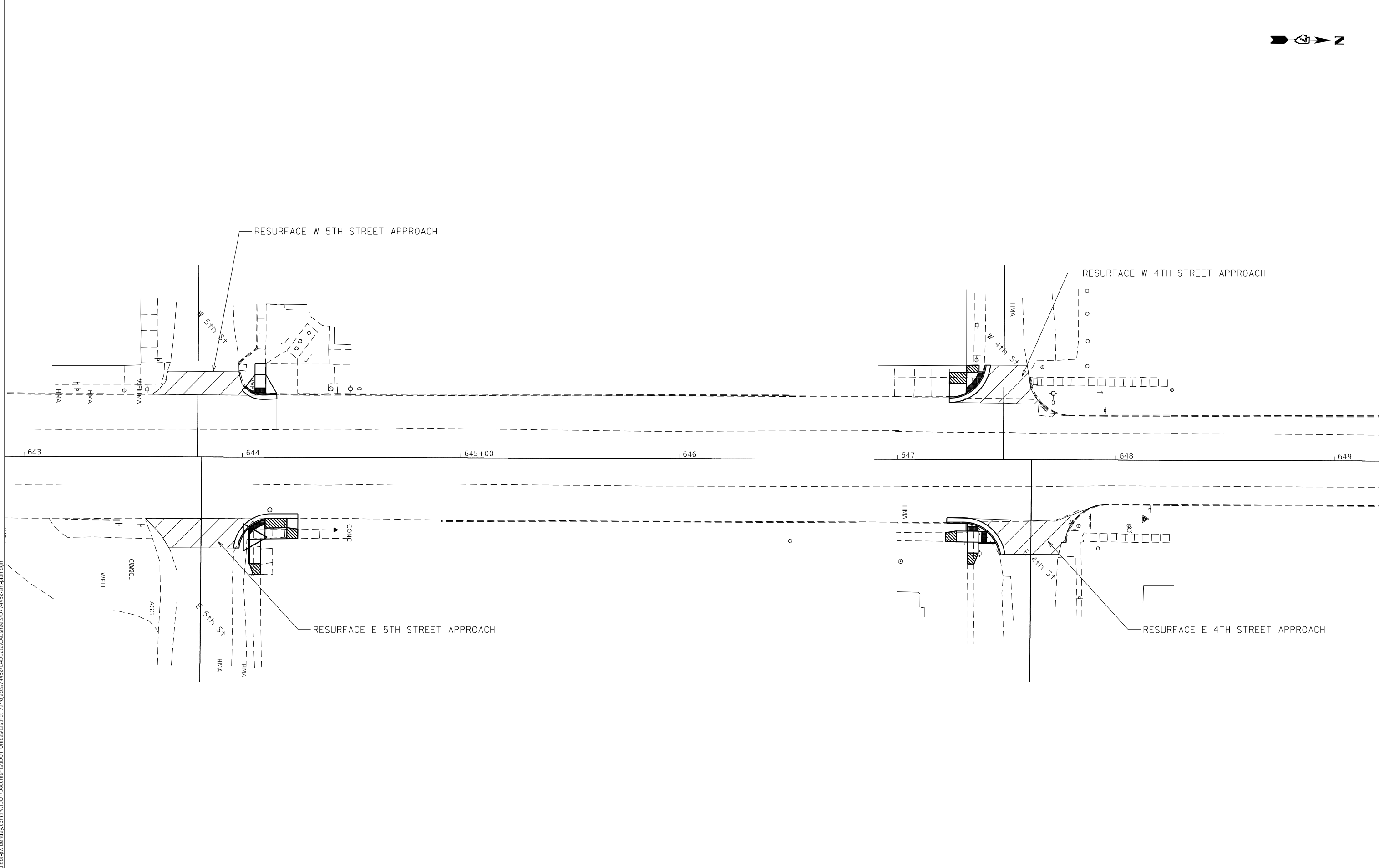
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USER NAME = mona.steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 PLAN SHEETS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	26
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



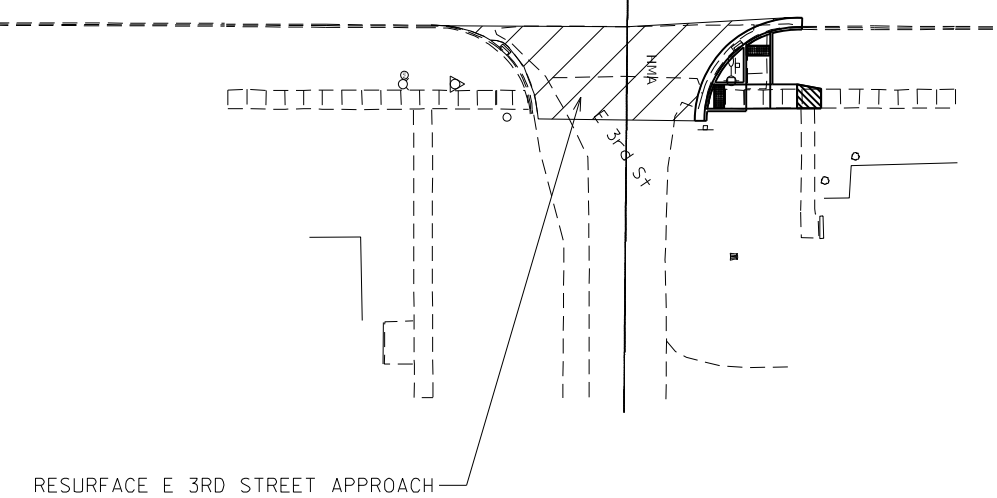
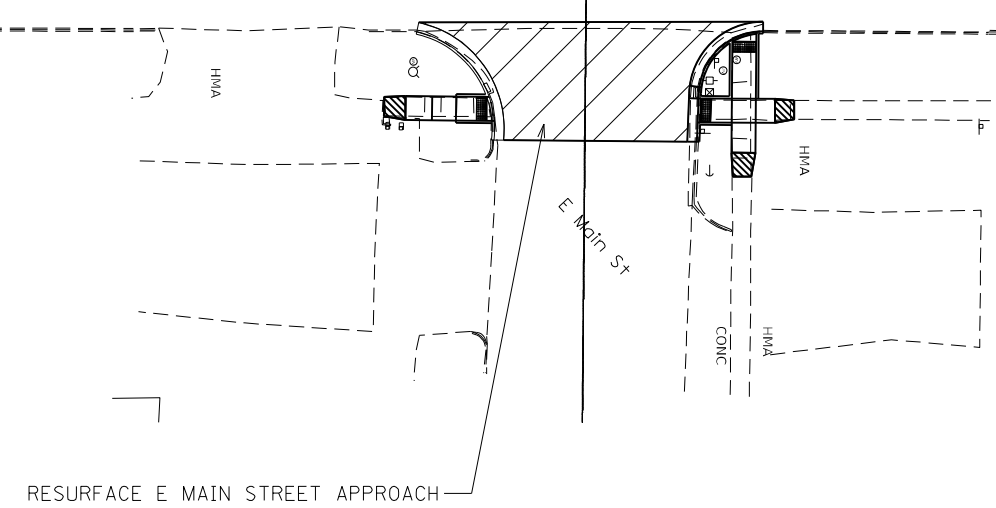
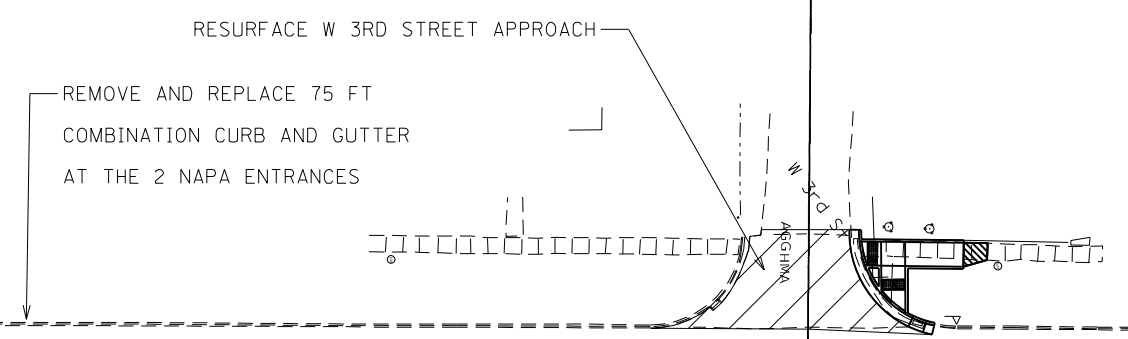
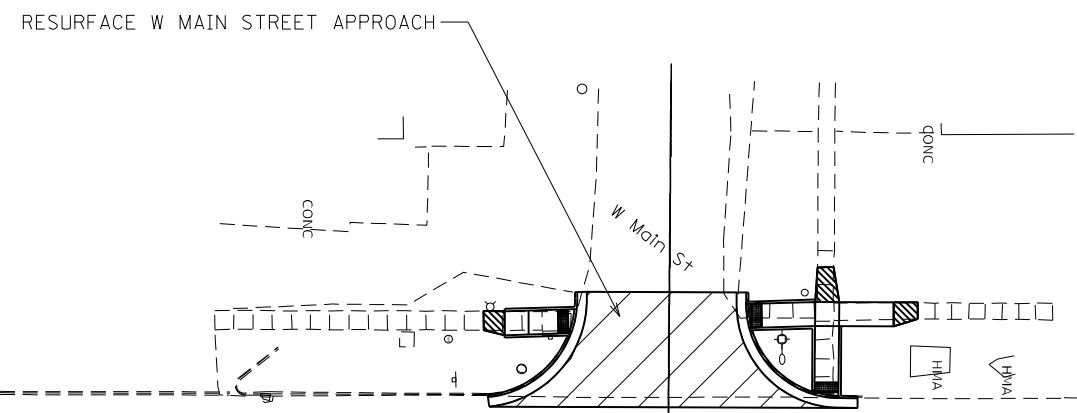
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USER NAME = mona.steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 PLAN SHEETS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	27
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



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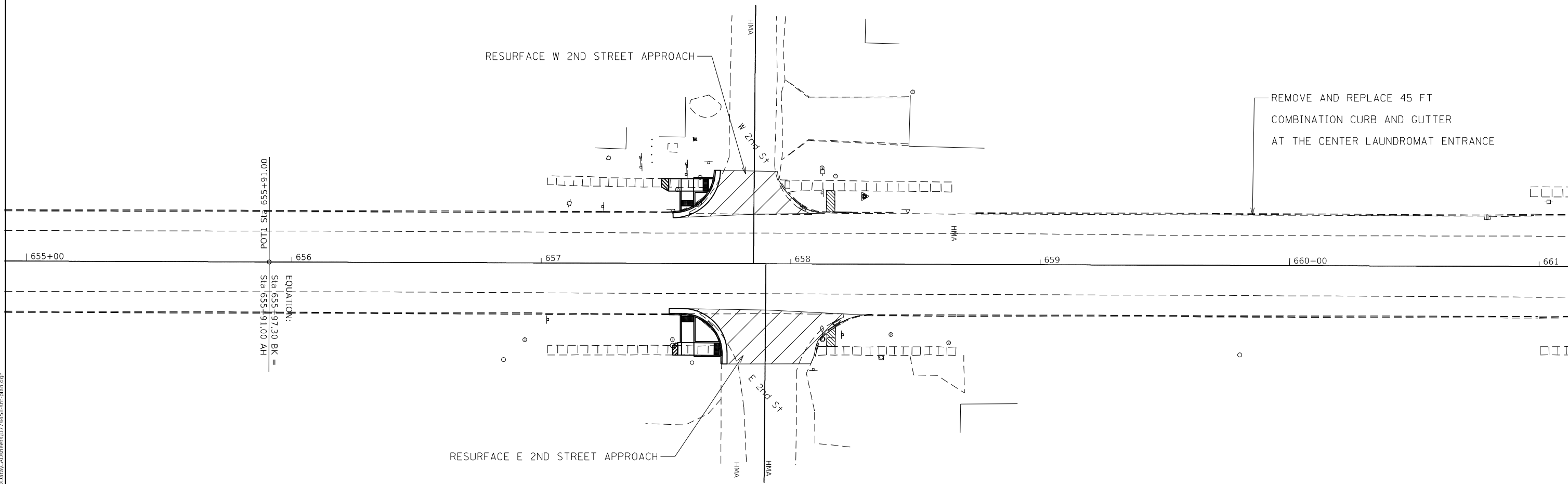
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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 PLAN SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	28
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



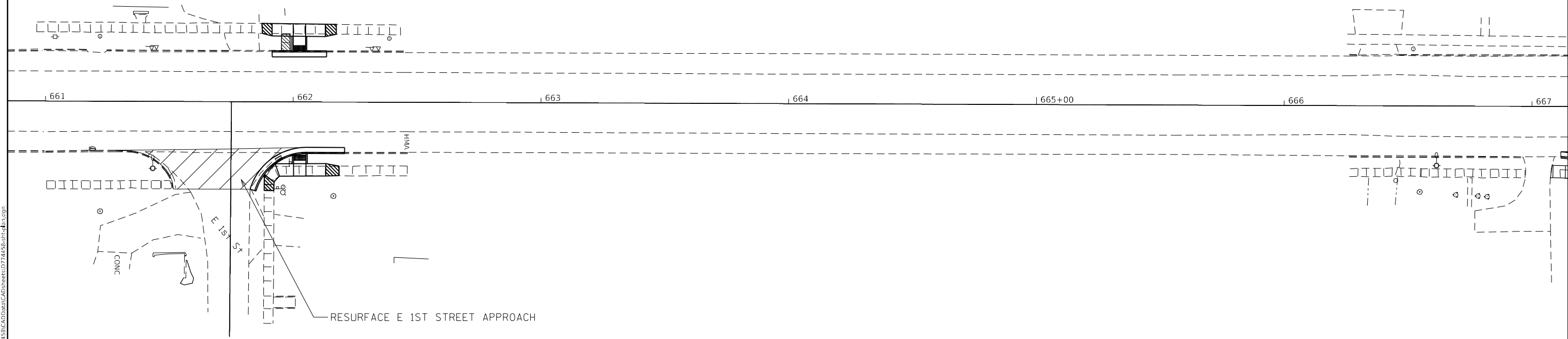
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USER NAME = mona.steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 PLAN SHEETS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	29
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74458	



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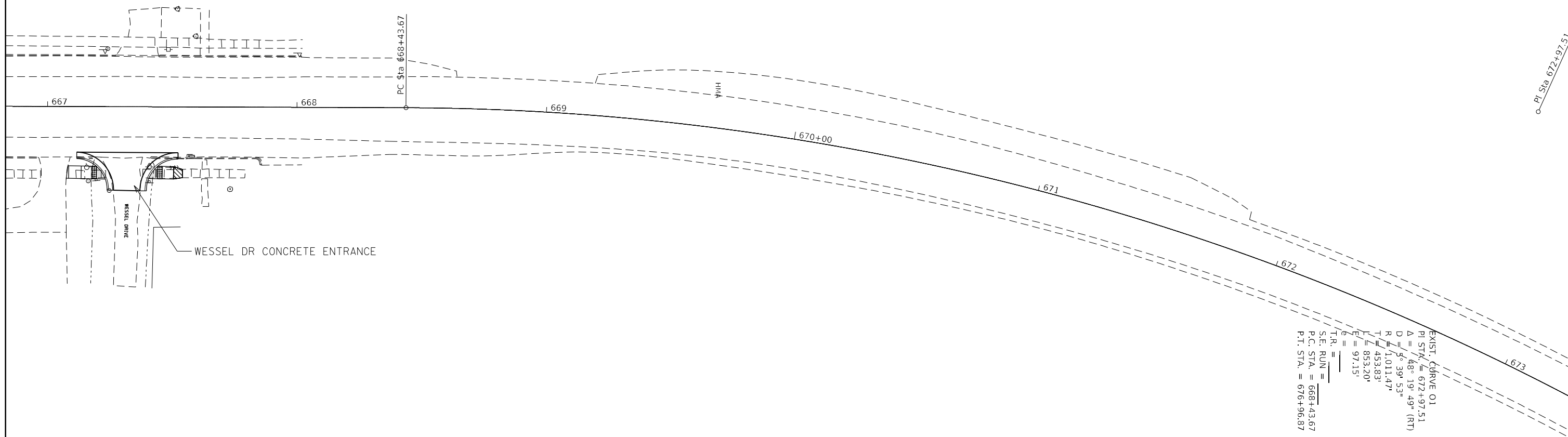
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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 PLAN SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	30
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



O. PI Sta 672+97.51

EXIST. CURVE 01
 PI STA. = 672+97.51
 $\Delta = 48^\circ 19' 49''$ (RT)
 $D = 5' 39'' 53''$
 $R = 1,011.47'$
 $T = 453.83'$
 $L = 853.20'$
 $E = 97.15'$
 $T.R. =$
 S.E. RUN = 668+43.67
 P.C. STA. = 676+96.87
 P.T. STA. = 676+96.87

MODEL: Default
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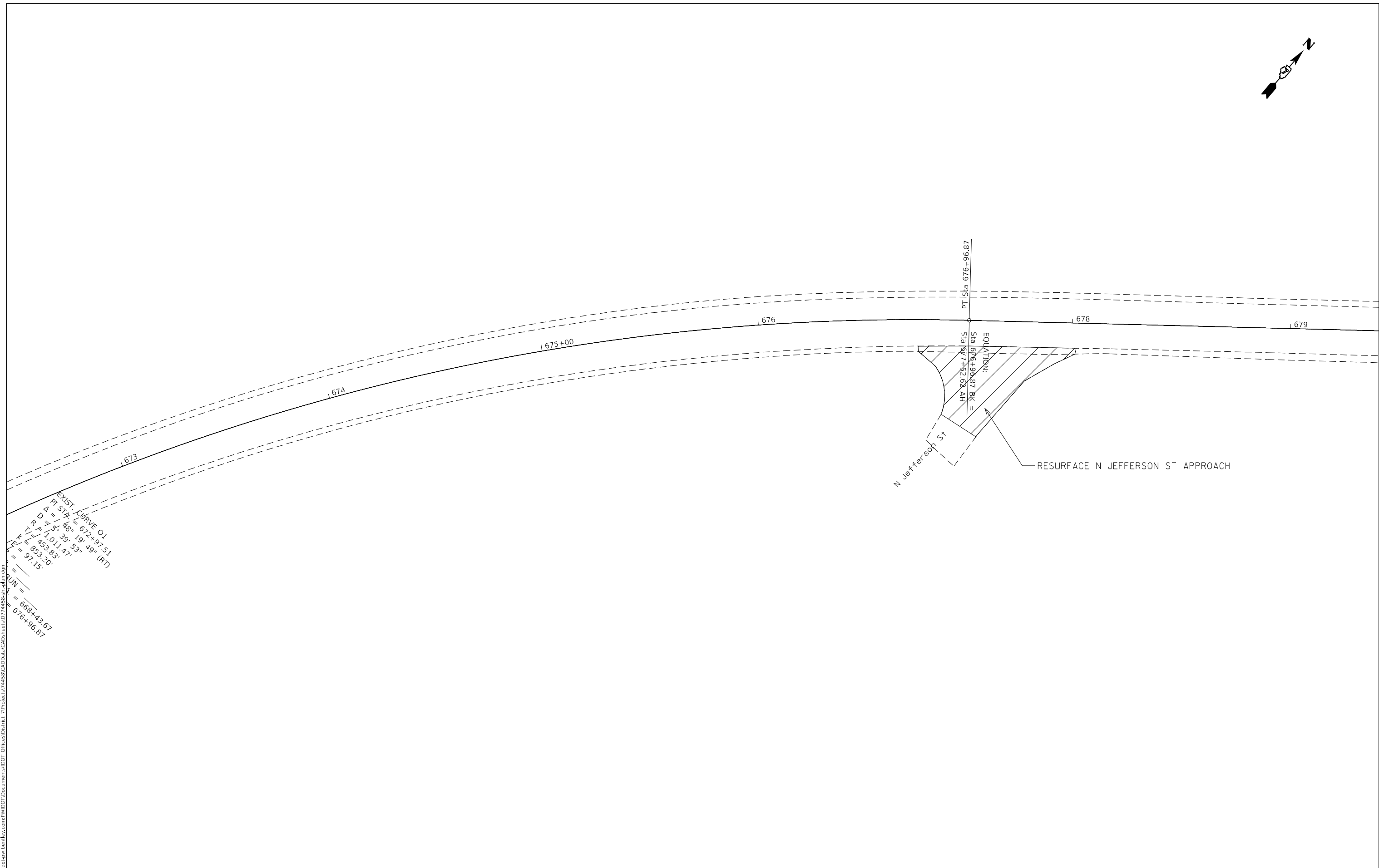
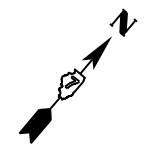
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PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 51 PLAN SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	31
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE 01
 PI STA = 672+97.51
 $\Delta = 48^{\circ} 39' 53''$ (RT)
 $R = 1,011.47'$
 $L = 453.83'$
 $TE = 97.15'$
 $UN = 668+43.67$
 $TA = 676+96.87$

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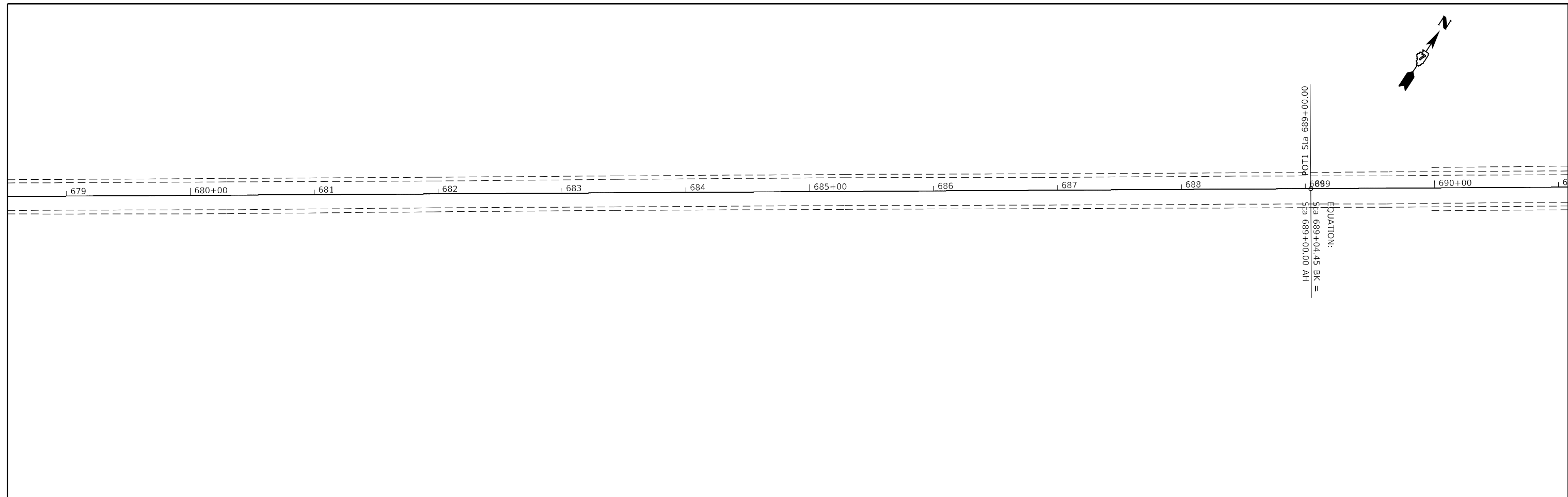
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PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 PLAN SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	32
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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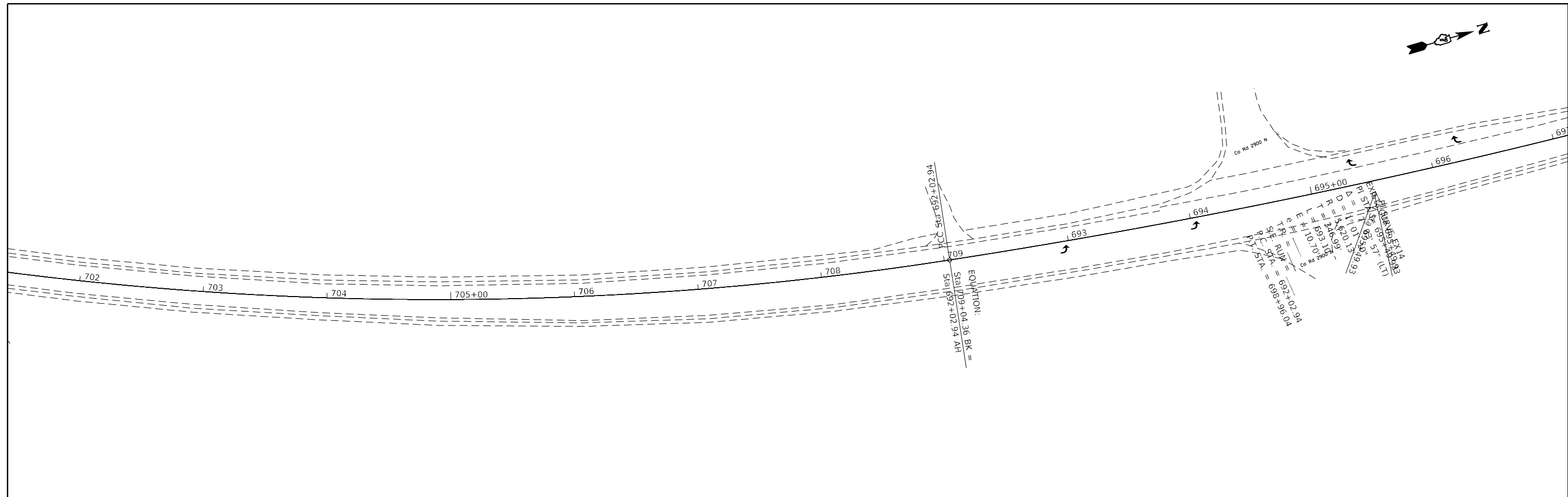
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 PLAN SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	33
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

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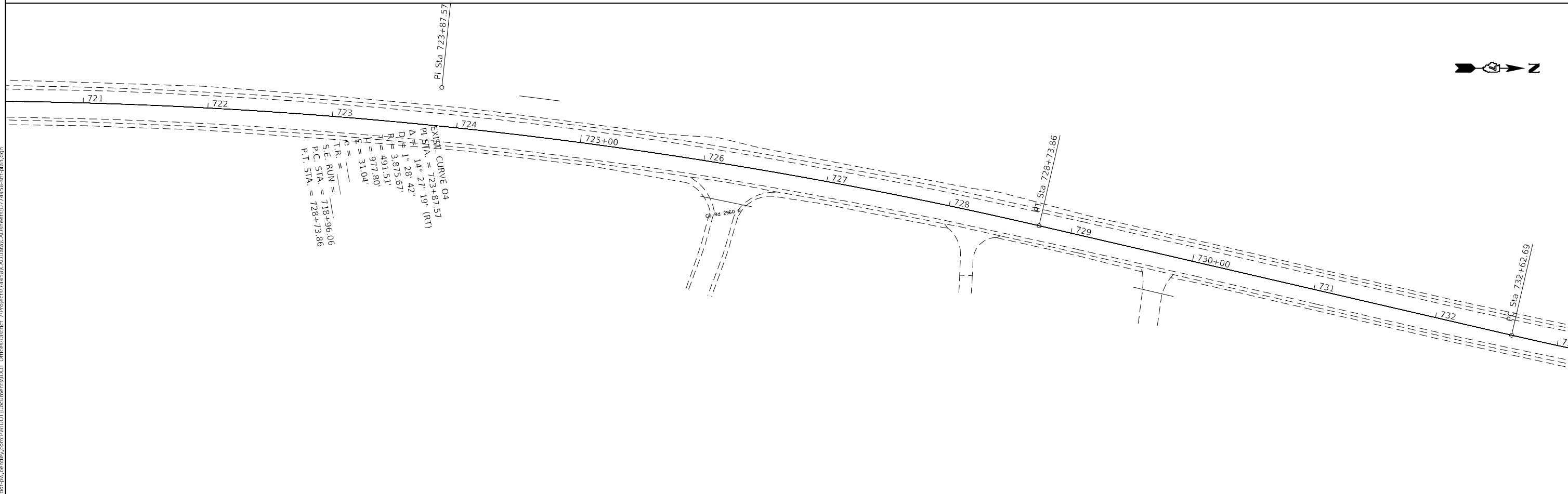
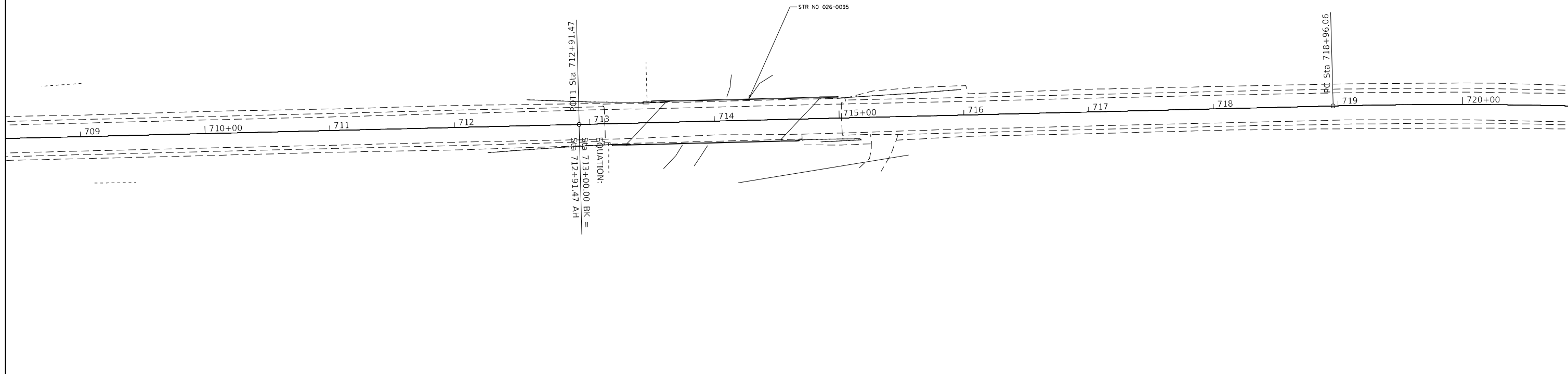


USER NAME = mona.steffen	DESIGNED -	REVISED -
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PLOT DATE = 2/9/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 51 PLAN SHEETS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	34
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE O4
 P.I. STA. = 723+87.57
 Δ/I = 14° 27' 19" (RT)
 D/I = 1° 28' 42"
 R/I = 3,875.67'
 T/I = 491.51'
 L/I = 977.80'
 I/E = 31.04'
 T.R. = _____
 S.E. RUN = 718+96.06
 P.C. STA. = 728+73.86
 P.T. STA. = 728+73.86

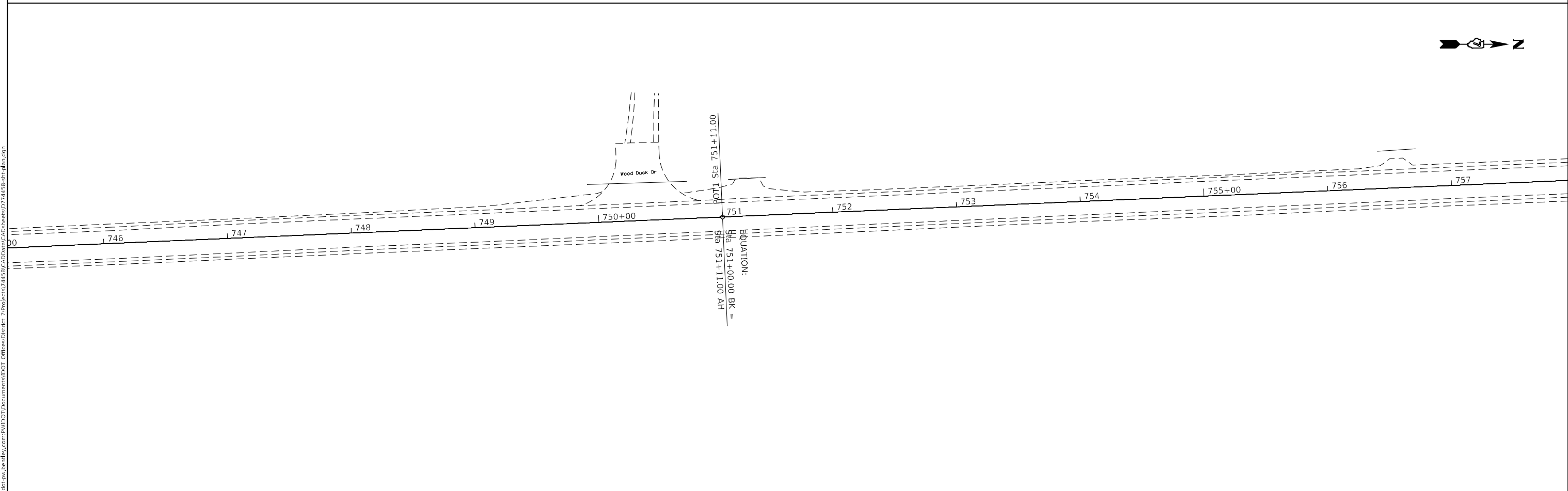
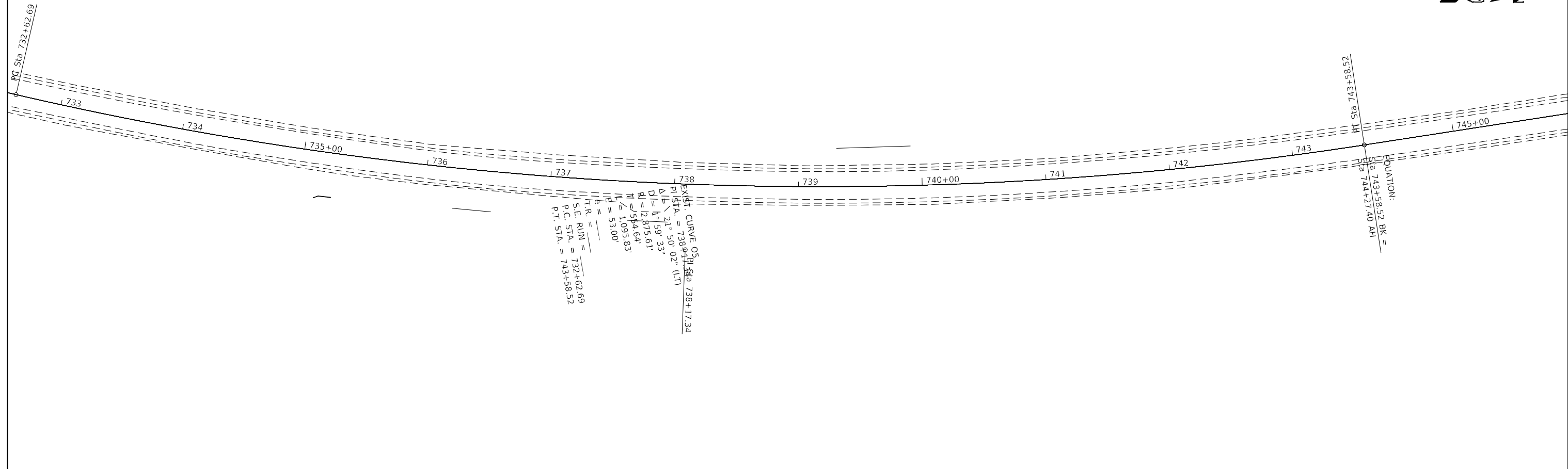
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USER NAME = mona.steffen	DESIGNED -	REVISED -
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PLOT DATE = 2/9/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 PLAN SHEETS			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	35
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



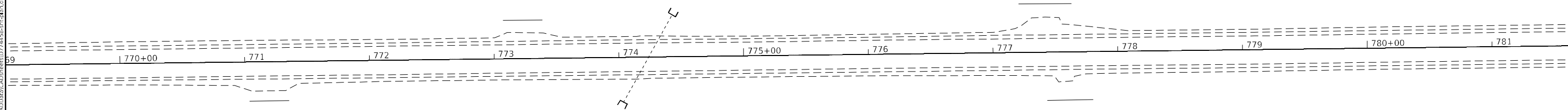
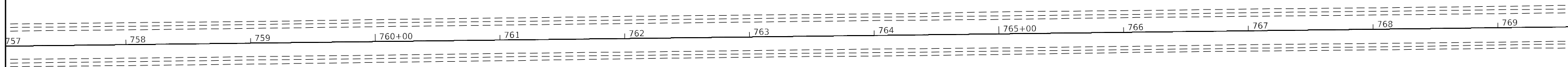
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USER NAME = mona.steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 80,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 51 PLAN SHEETS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	36
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



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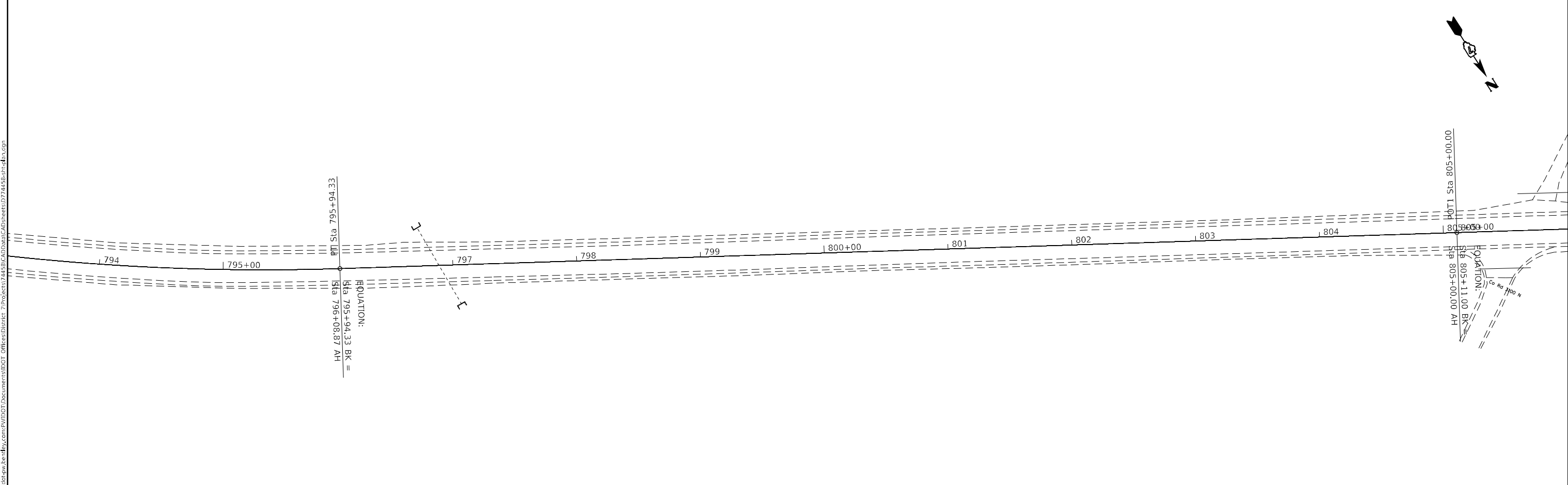
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PLOT DATE = 2/9/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 51 PLAN SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	37
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



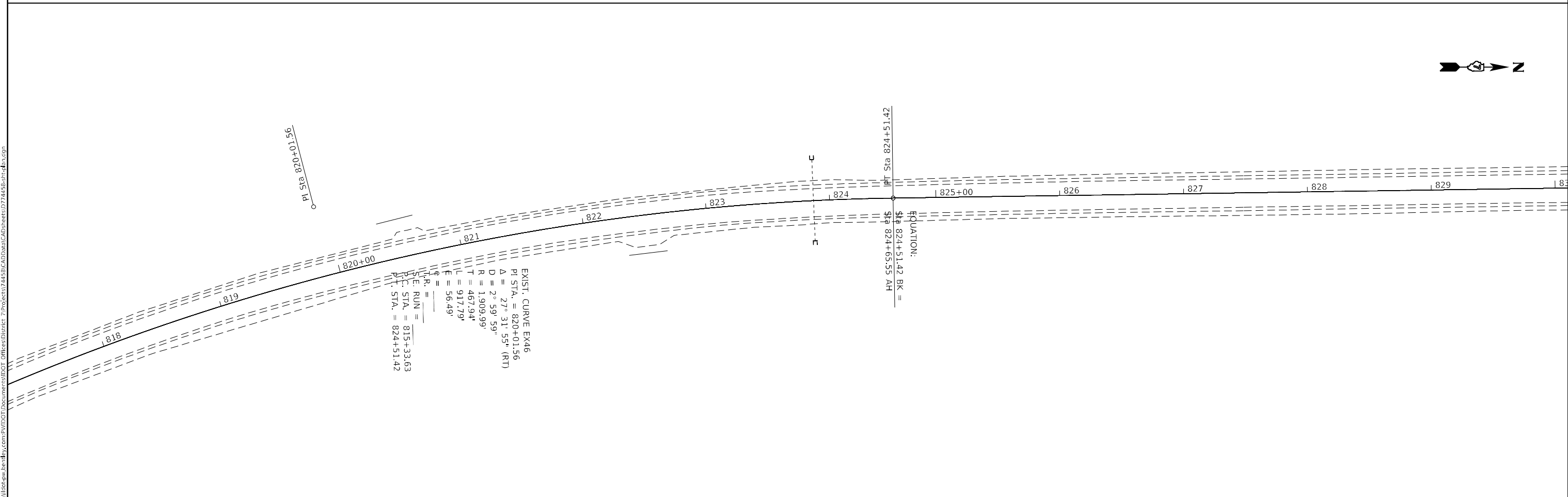
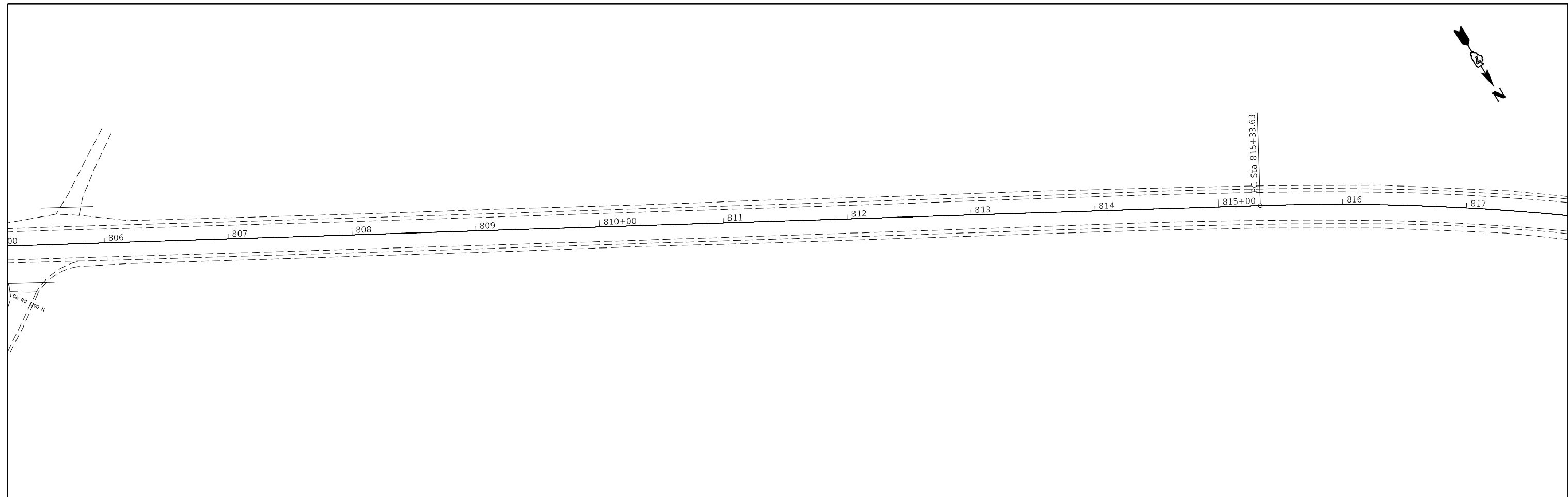
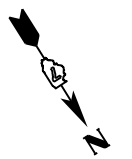
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PLOT SCALE = 80,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 2/9/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 PLAN SHEETS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	38
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



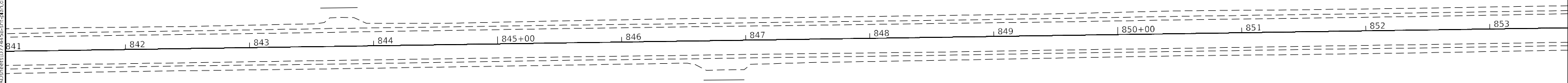
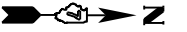
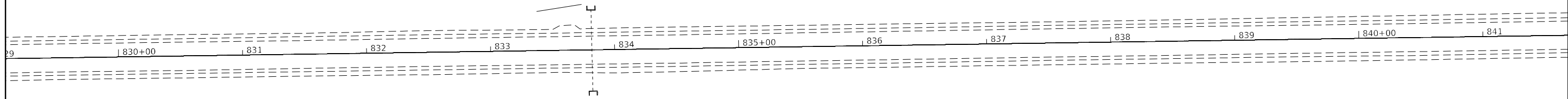
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PLOT DATE = 2/9/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 51 PLAN SHEETS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	39
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



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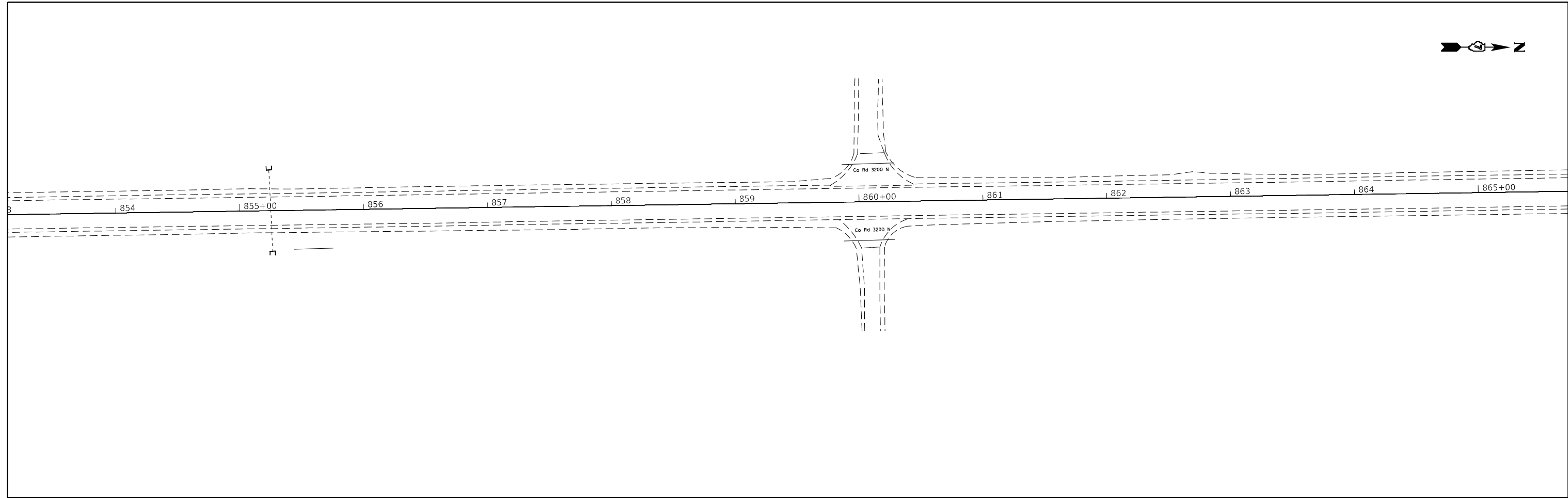
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PLOT DATE = 2/9/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 51 PLAN SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	40
				CONTRACT NO. 74458
		ILLINOIS	FED. AID PROJECT	



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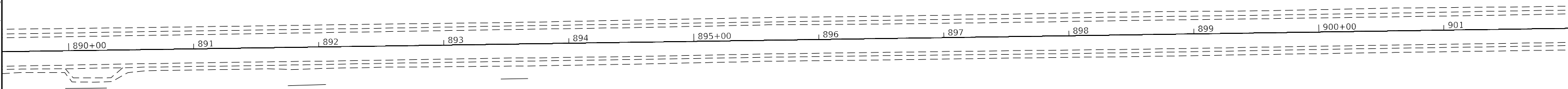
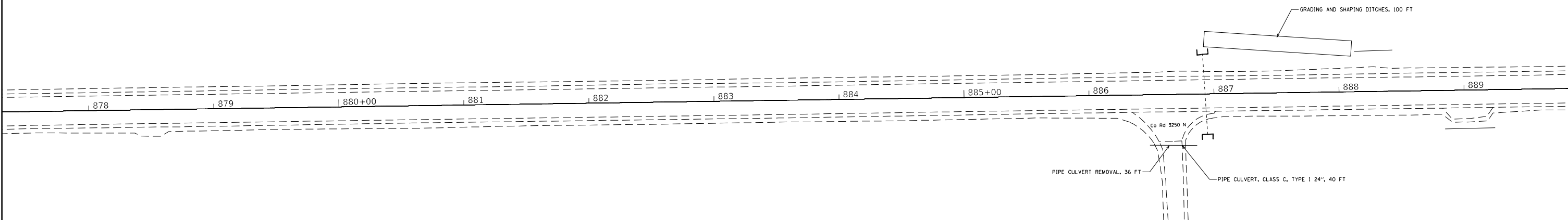
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 51 PLAN SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	41
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 74458



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PLOT DATE = 2/9/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 51 PLAN SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	42
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

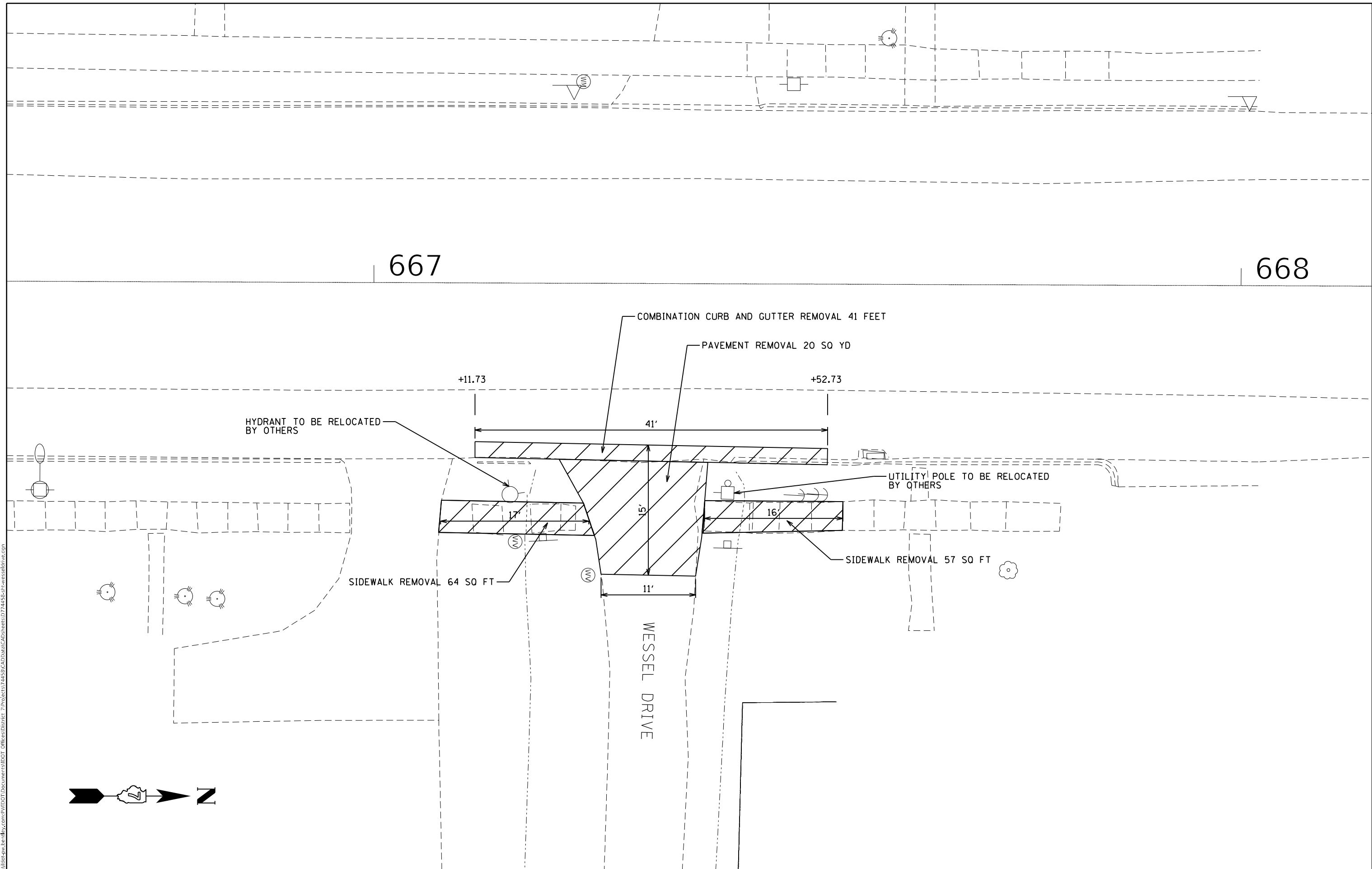
US 51 PLAN SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	43
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

667

668



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PLOT DATE = 2/13/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WESSEL DRIVE
REMOVALS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	44
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

667

668

+11.73

+52.73

41'

ME

ME 611.315

ME 611.53

ME

R= 15'

R= 15'

ME

611.375

611.60

ME

611.40

611.63

611.38

14.6'

611.65

WESSEL DRIVE



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PLOT DATE =	2/13/2024

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DATE -	

REVISED -	
REVISED -	
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REVISED -	

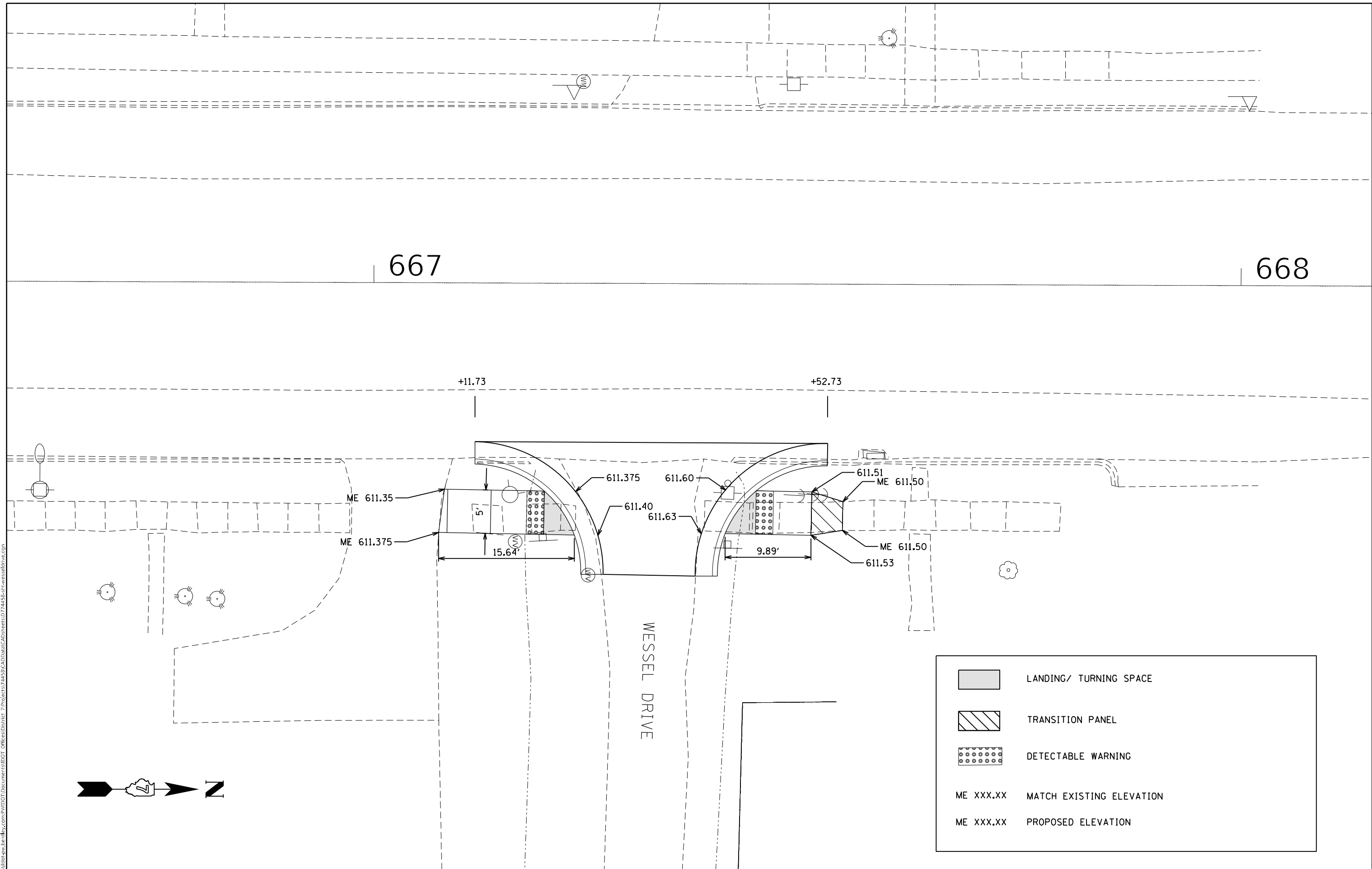
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




**WESSEL DRIVE
ENTRANCE PLAN SHEET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	45
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

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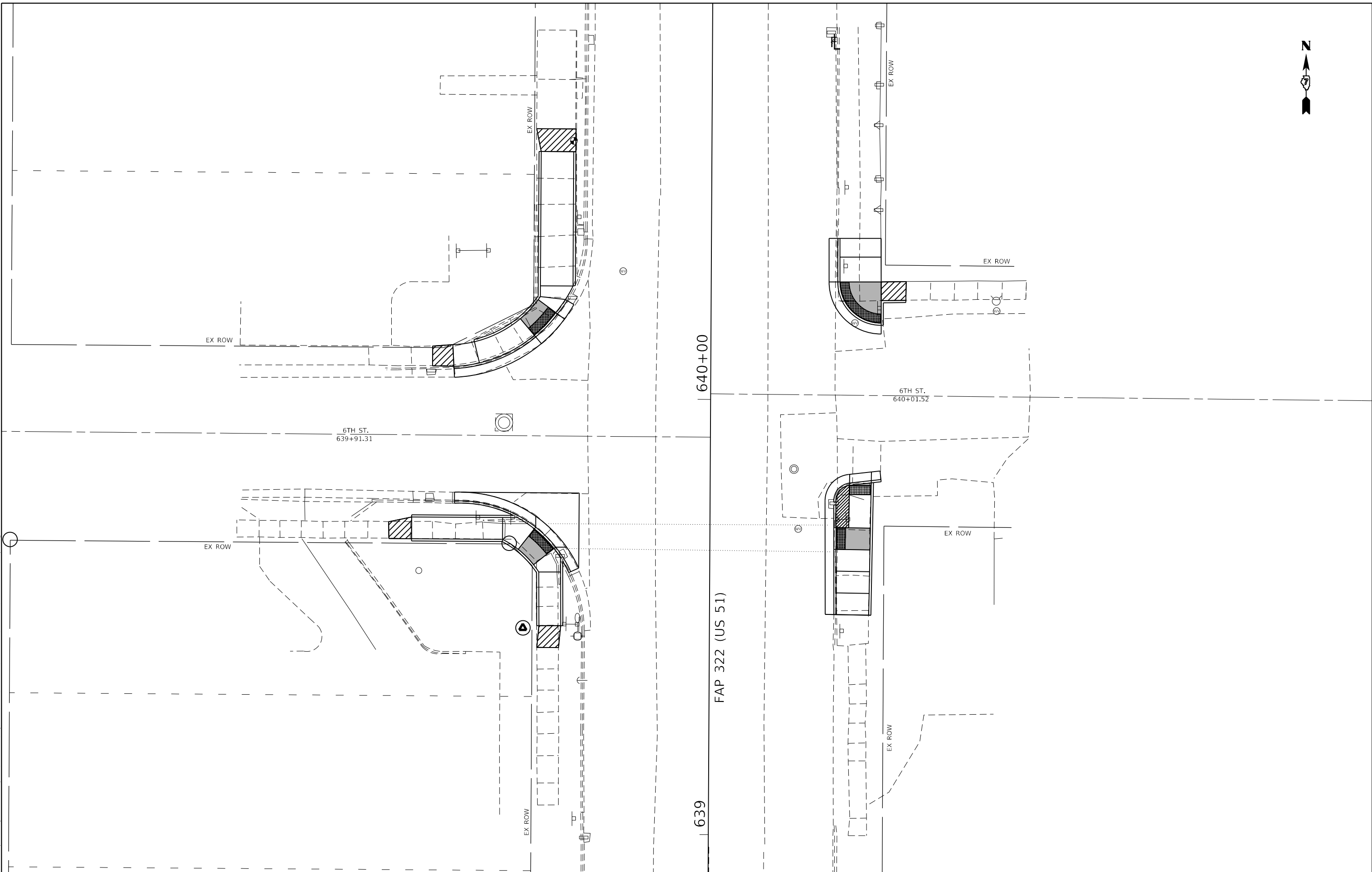
	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XX	MATCH EXISTING ELEVATION
ME XXX.XX	PROPOSED ELEVATION

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PLOT SCALE = 10,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 2/13/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WESSEL DRIVE			
ADA PLAN SHEET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	46
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 2/7/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PLAN SHEET			
STA. 640 + 00 6TH STREET - INTERSECTION			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	47
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

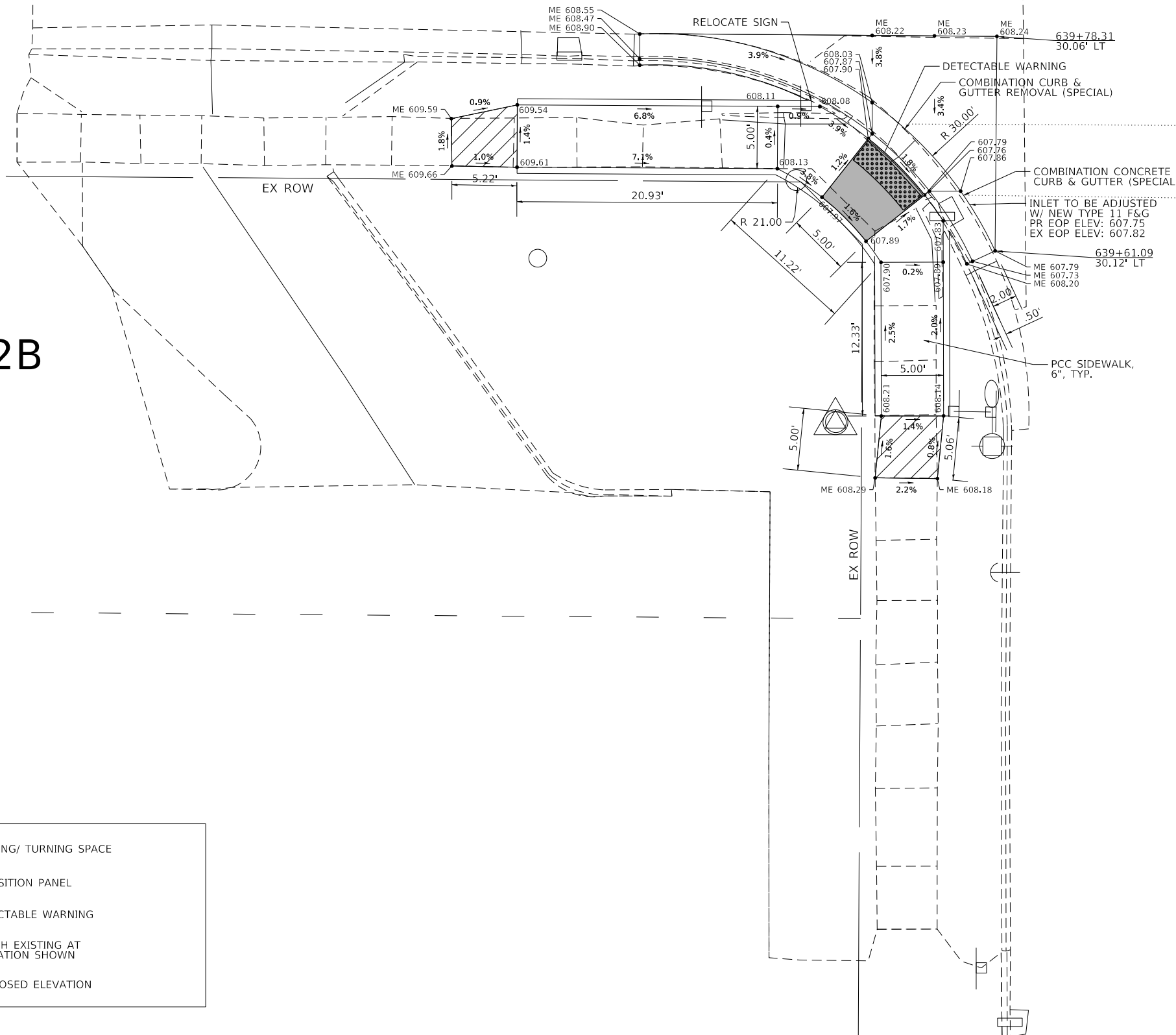


6TH ST.
639+91.31

TRACT 12B

FAP 322 (US 51)

639



	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

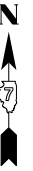
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	DATE -	REVISIED -

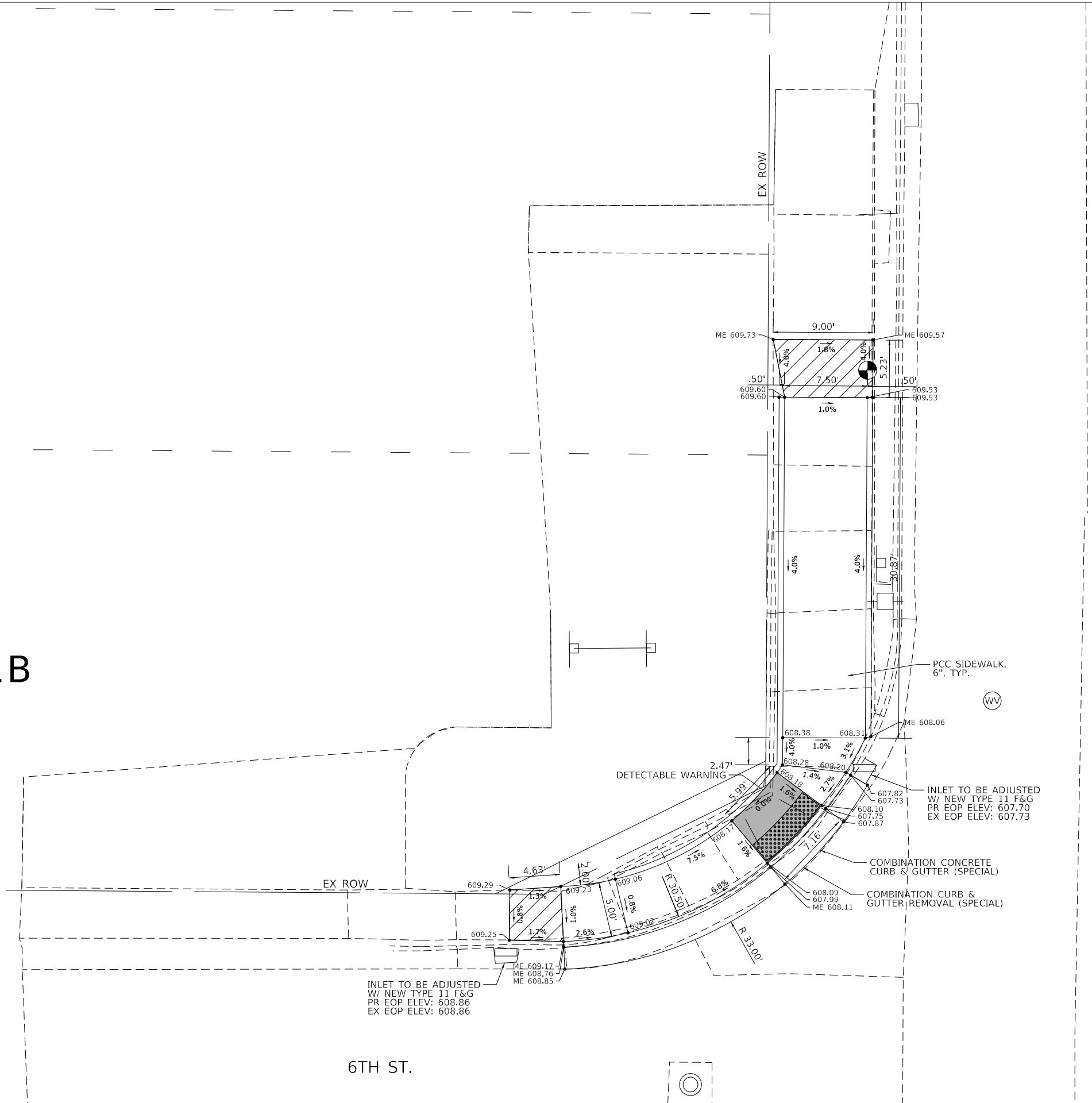
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PLAN SHEET			
STA. 640+00 SW QUADRANT OF 6TH ST.			
SCALE:	SHEET	OF	SHEETS
	TO STA.		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	48
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



TRACT 11B



FAP 322 (US 51)

	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

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PLOT DATE = 2/7/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

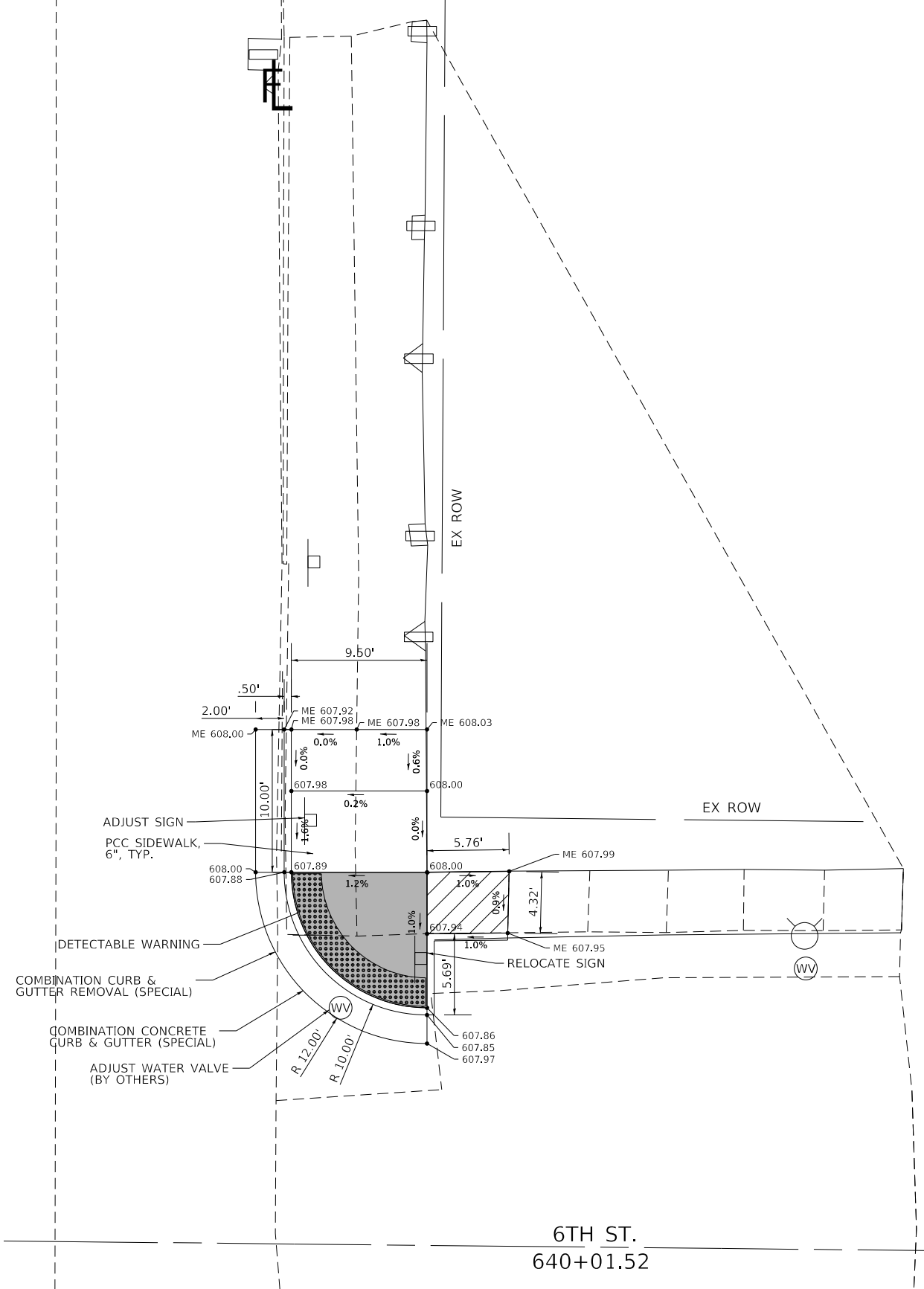
**ADA PLAN SHEET
 STA. 640+00 NW QUADRANT OF 6HT ST.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	49
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74458	



640+00
 FAP 322 (US 51)



	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

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PLOT DATE = 2/7/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PLAN SHEET			
STA. 640+00 NE QUADRANT OF 6TH ST.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

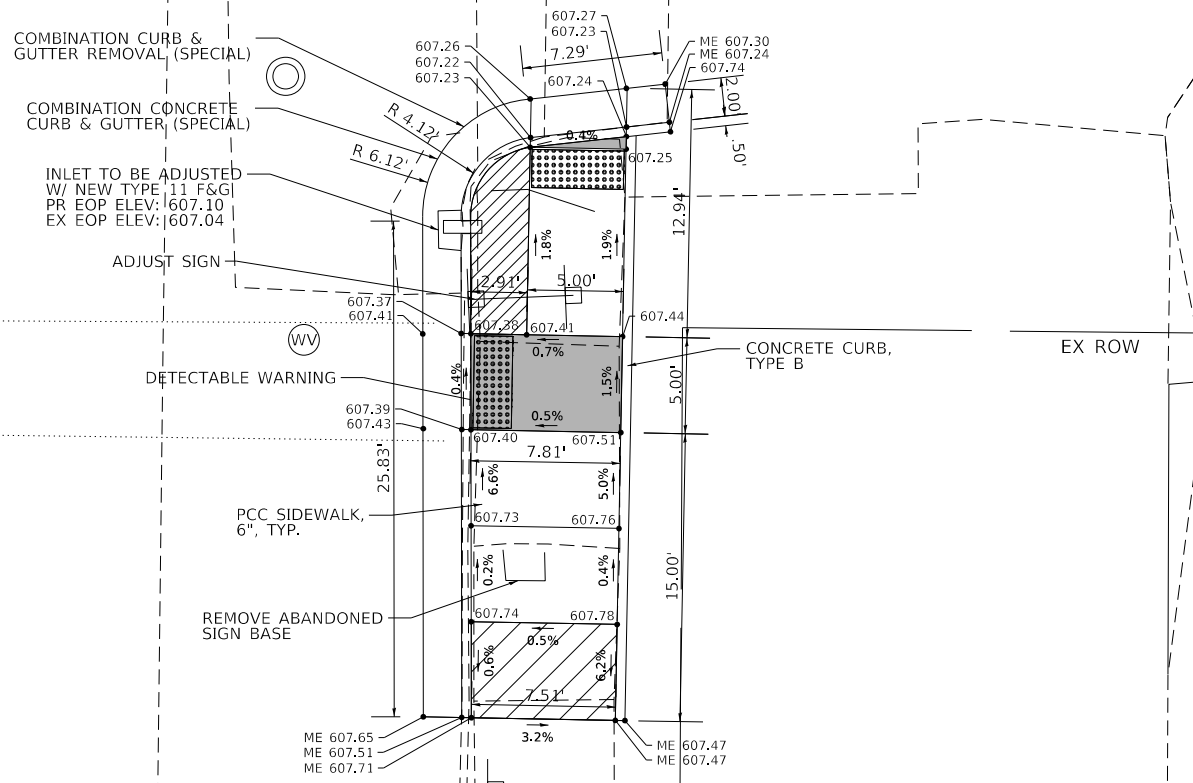
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322	(20RS-4-1), 20RS-3	FAYETTE	102	50
CONTRACT NO. 74458				
		ILLINOIS	FED. AID PROJECT	



640+00

6TH ST.
640+01.52

FAP 322 (US 51)



	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

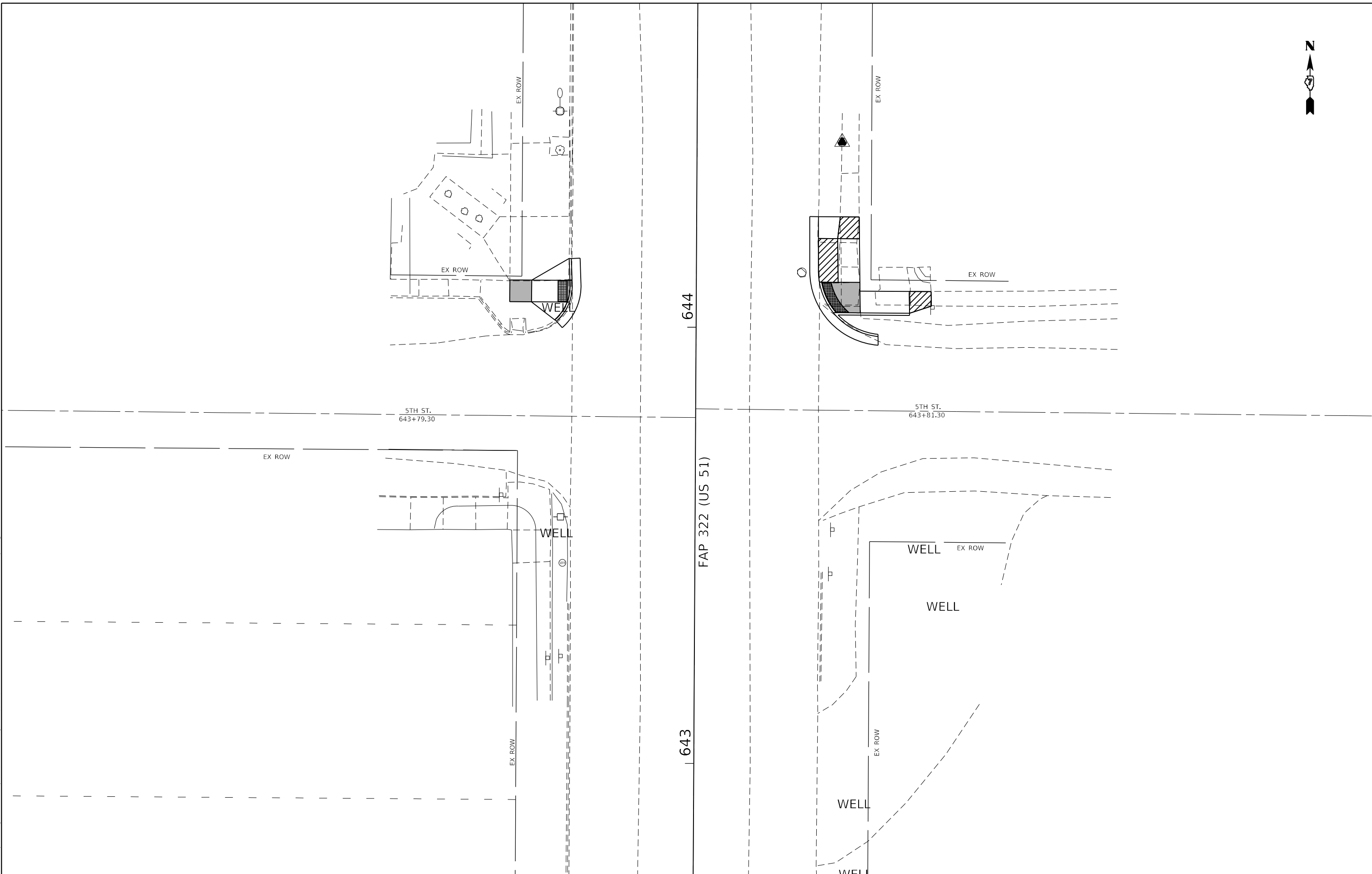
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PLOT DATE = 2/7/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PLAN SHEET			
STA. 640+00 SE QUADRANT OF 6TH ST.			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	51
CONTRACT NO. 74458				
		ILLINOIS	FED. AID PROJECT	



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

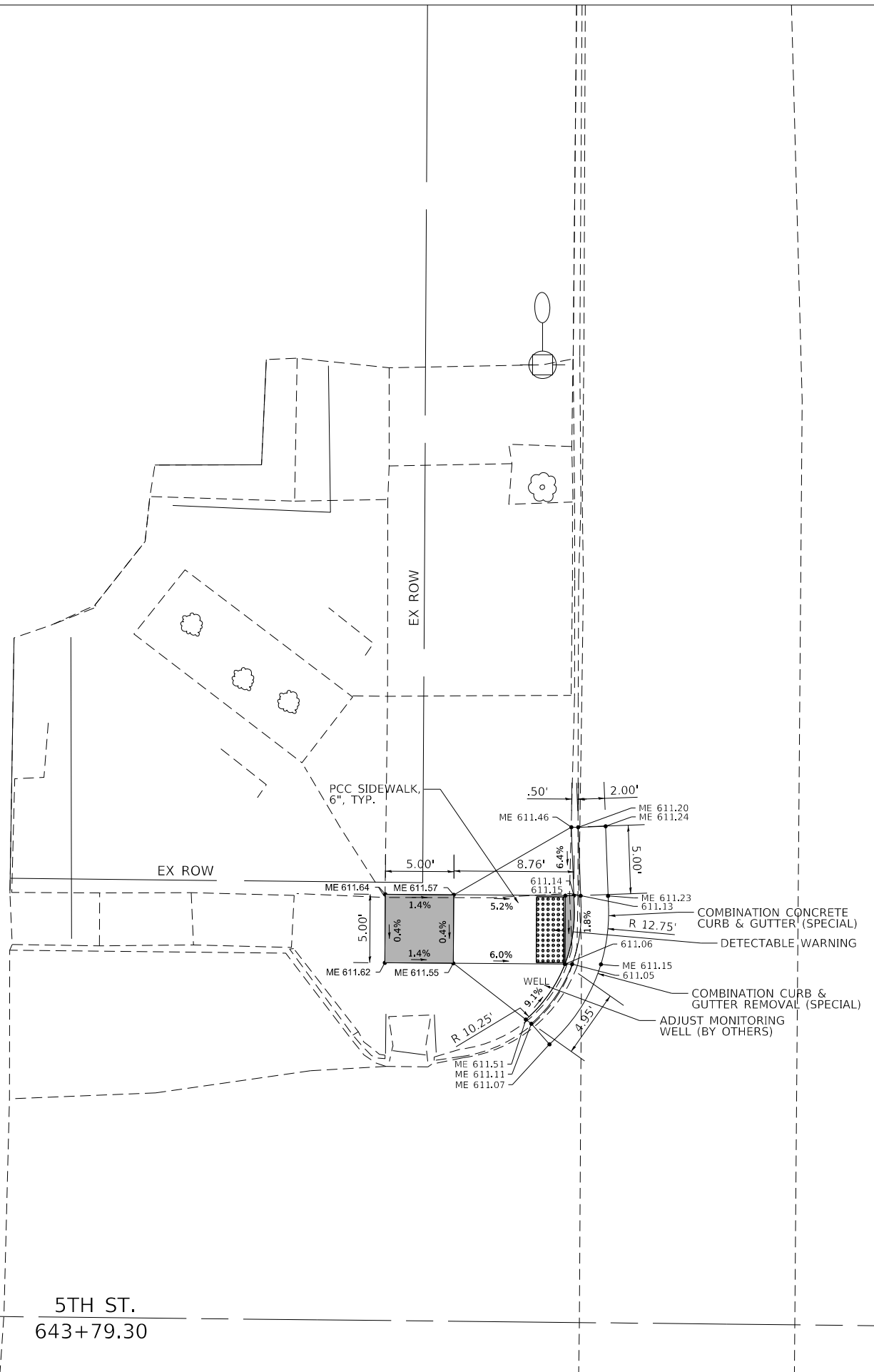
ADA PLAN SHEET			
STA. 643+92 5TH STREET - INTERSECTION			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	52
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



FAP 322 (US 51)

644



5TH ST.
643+79.30

	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA PLAN SHEET
STA. 644+00 NW QUADRANT OF 5TH ST.

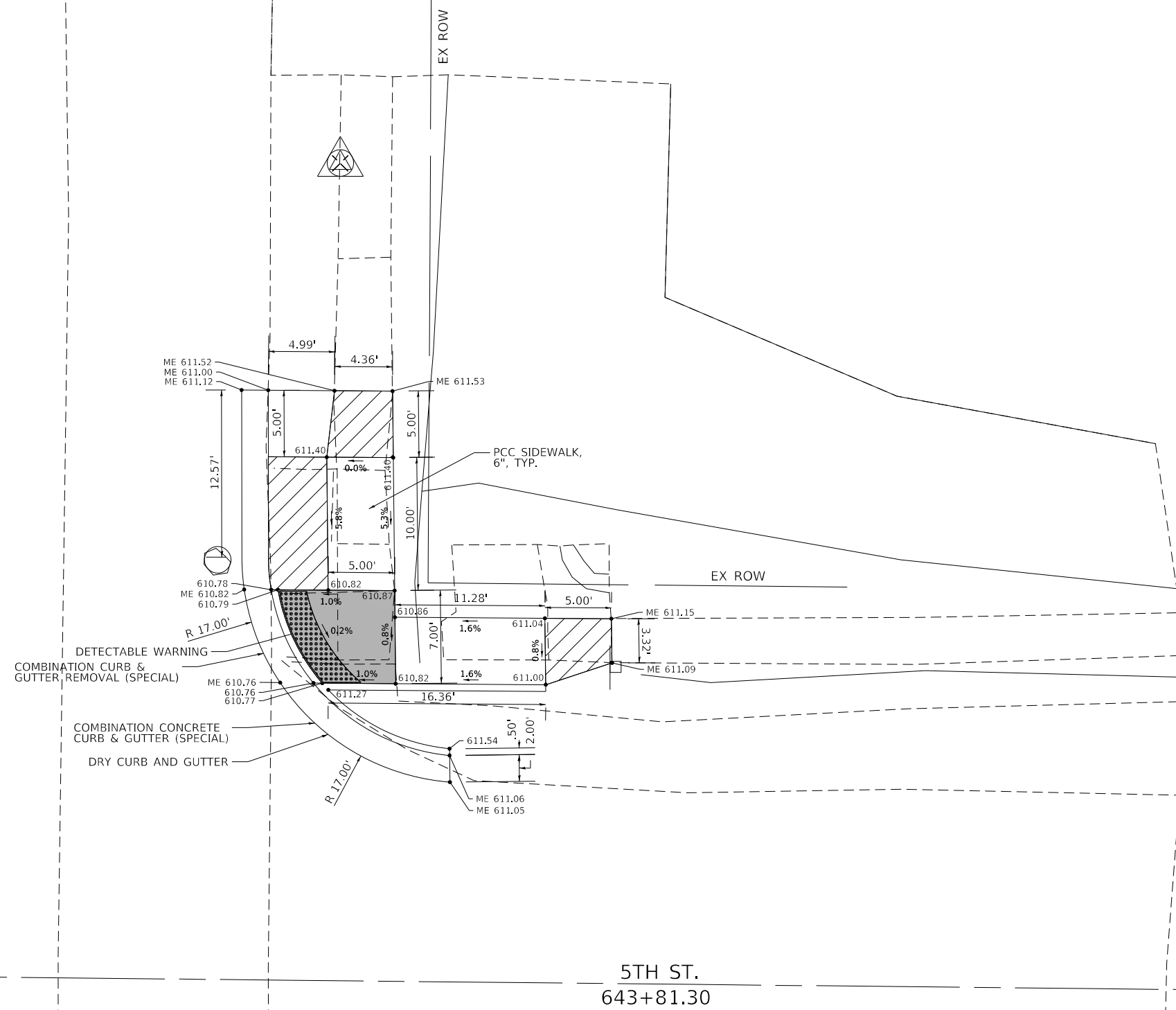
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	53
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74458	



FAP 322 (US 51)

644



	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

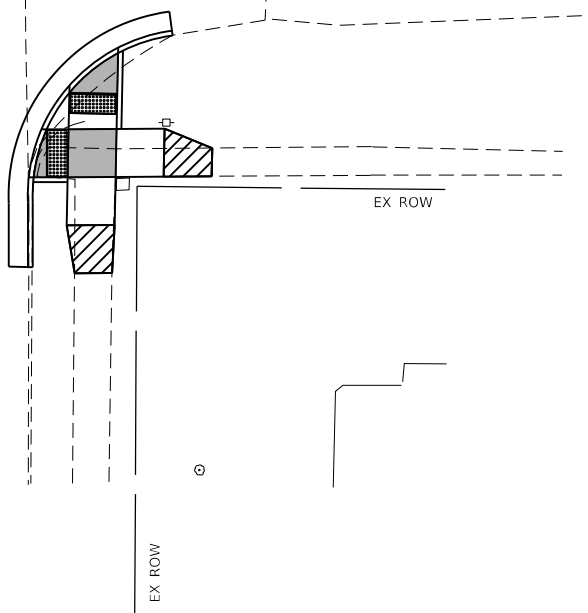
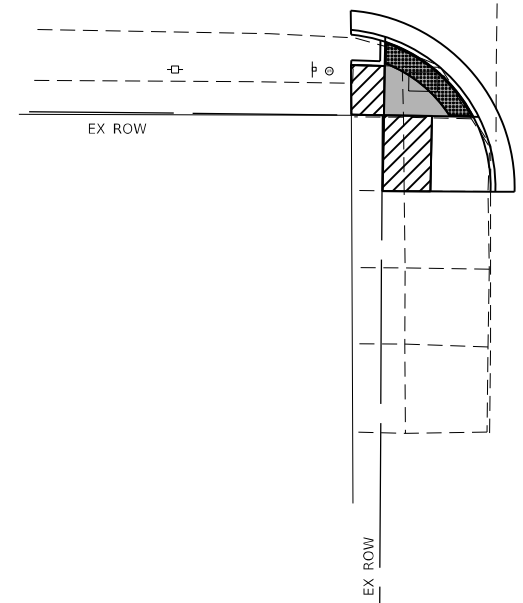
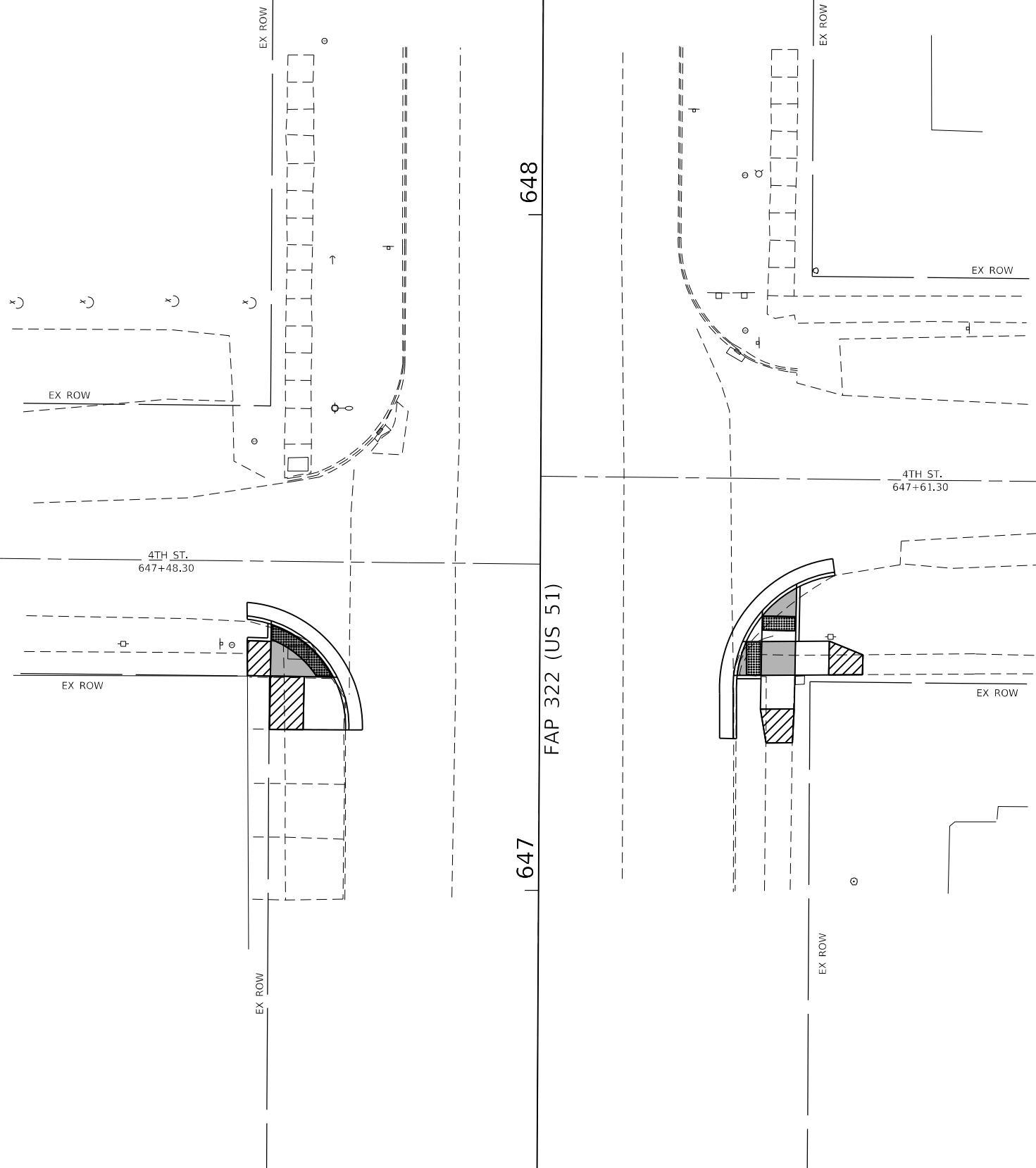
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PLOT DATE = 2/7/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA PLAN SHEET			
STA. 644 + 00 NE QUADRANT OF 5TH ST.			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	54
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



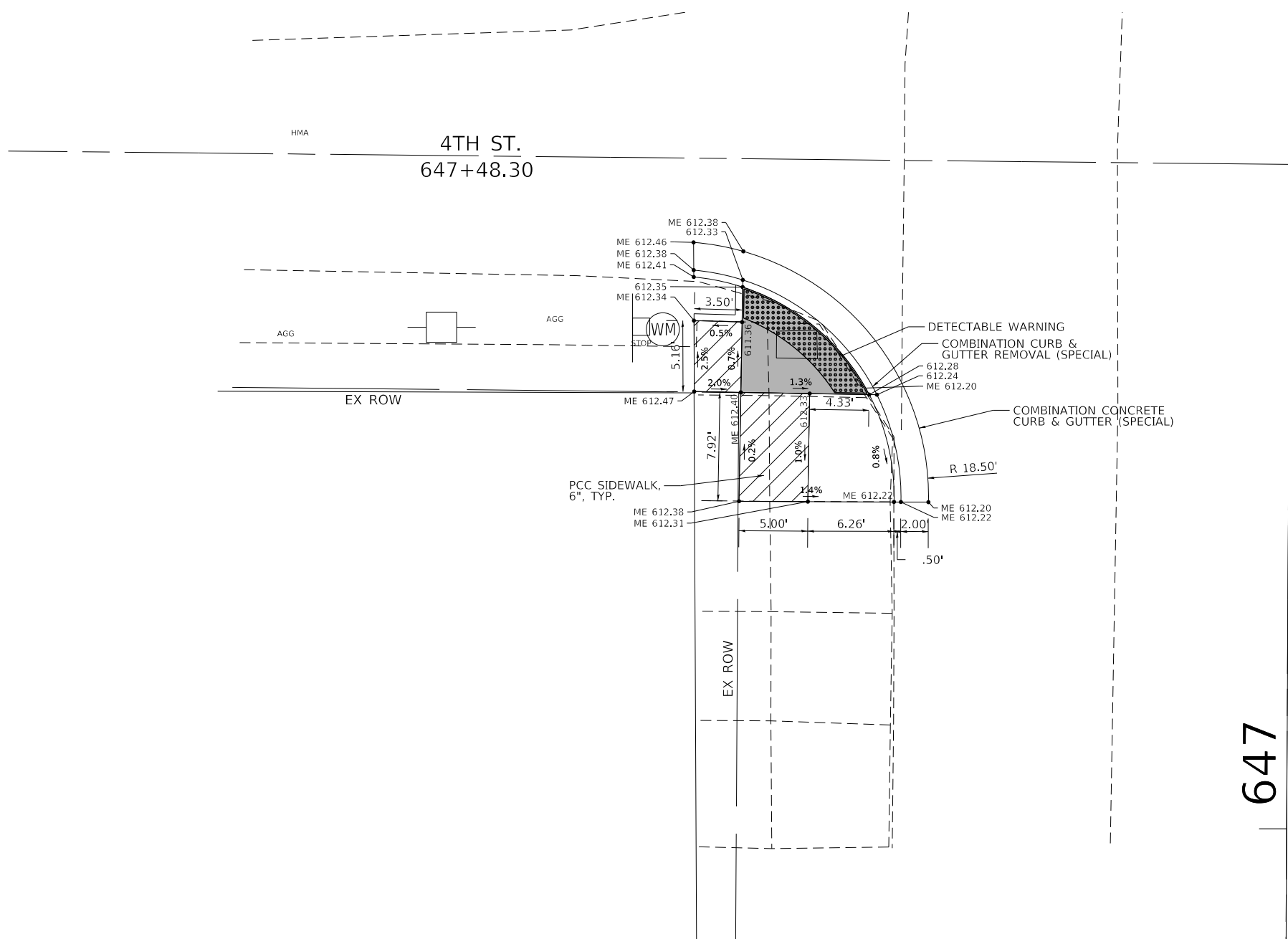
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PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/7/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PLAN SHEET			
STA. 647 + 51 4TH STREET - INTERSECTION			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	55
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



FAP 322 (US 51)

647

	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

MODEL: Default
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PLOT DATE = 2/7/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PLAN SHEET
STA. 647 + 50 SW QUADRANT OF 4TH ST.

SCALE: SHEET OF SHEETS STA. TO STA.

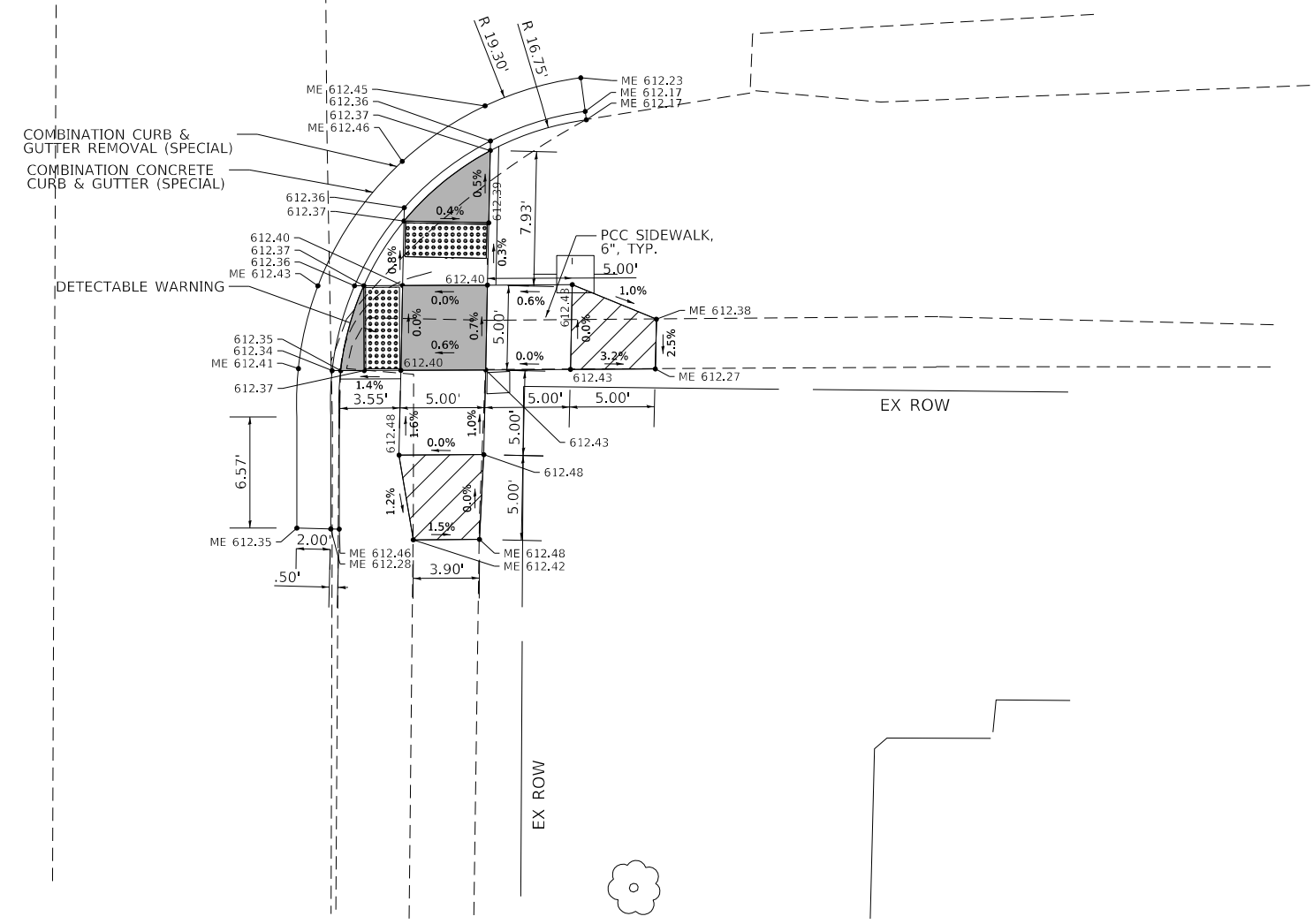
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	56
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74458	


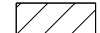



4TH ST.
647+61.30

FAP 322 (US 51)

647



	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

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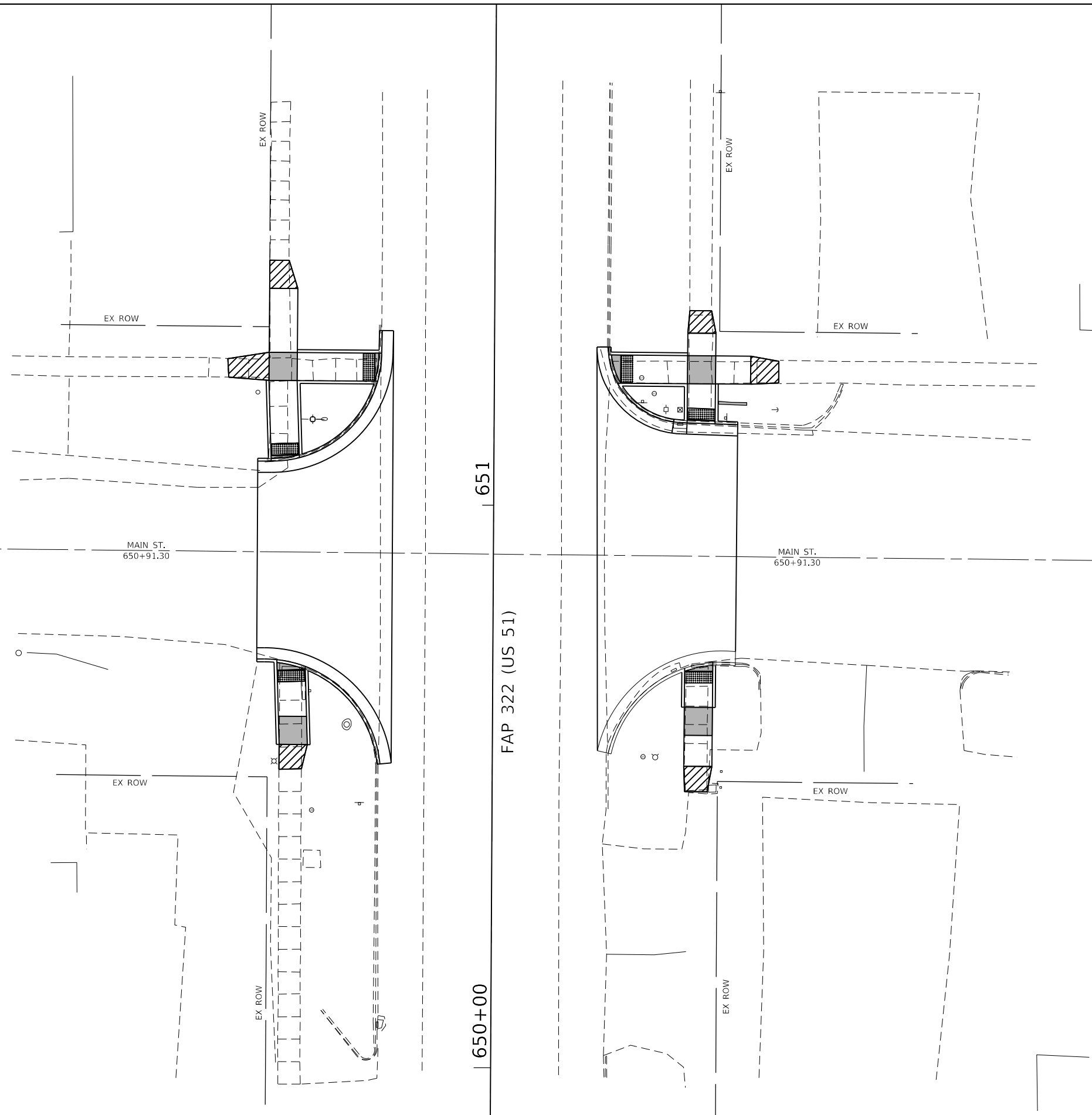
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PLOT DATE = 2/7/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PLAN SHEET
STA. 647 + 50 SE QUADRANT OF 4TH ST.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	57
			CONTRACT NO. 74458	
		ILLINOIS	FED. AID PROJECT	



651

650+00

FAP 322 (US 51)

MAIN ST.
650+91.30

MAIN ST.
650+91.30

EX ROW

EX ROW

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PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 2/7/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA PLAN SHEET
STA. 651+00 MAIN STREET - INTERSECTION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	58
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



MAIN ST.
650+91.30

24.00'

DETECTABLE WARNING

ME 612.93
612.87
612.88
ME 612.94
ME 612.93
ME 612.93

612.88
612.82
612.83

COMBINATION CURB &
GUTTER REMOVAL (SPECIAL)

COMBINATION CONCRETE
CURB & GUTTER (SPECIAL)

ME 612.75
ME 612.71
ME 613.05

ME 612.93

612.90

613.33

613.33

613.40

613.40

ME 613.50

613.40

613.40

ME 613.46

613.40

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3.6%

5.1%

0.0%

1.4%

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1.0%

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AGG

EX ROW

EX ROW

PCC

AGG

WM

51

FAP 322 (US 51)

650+00

	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

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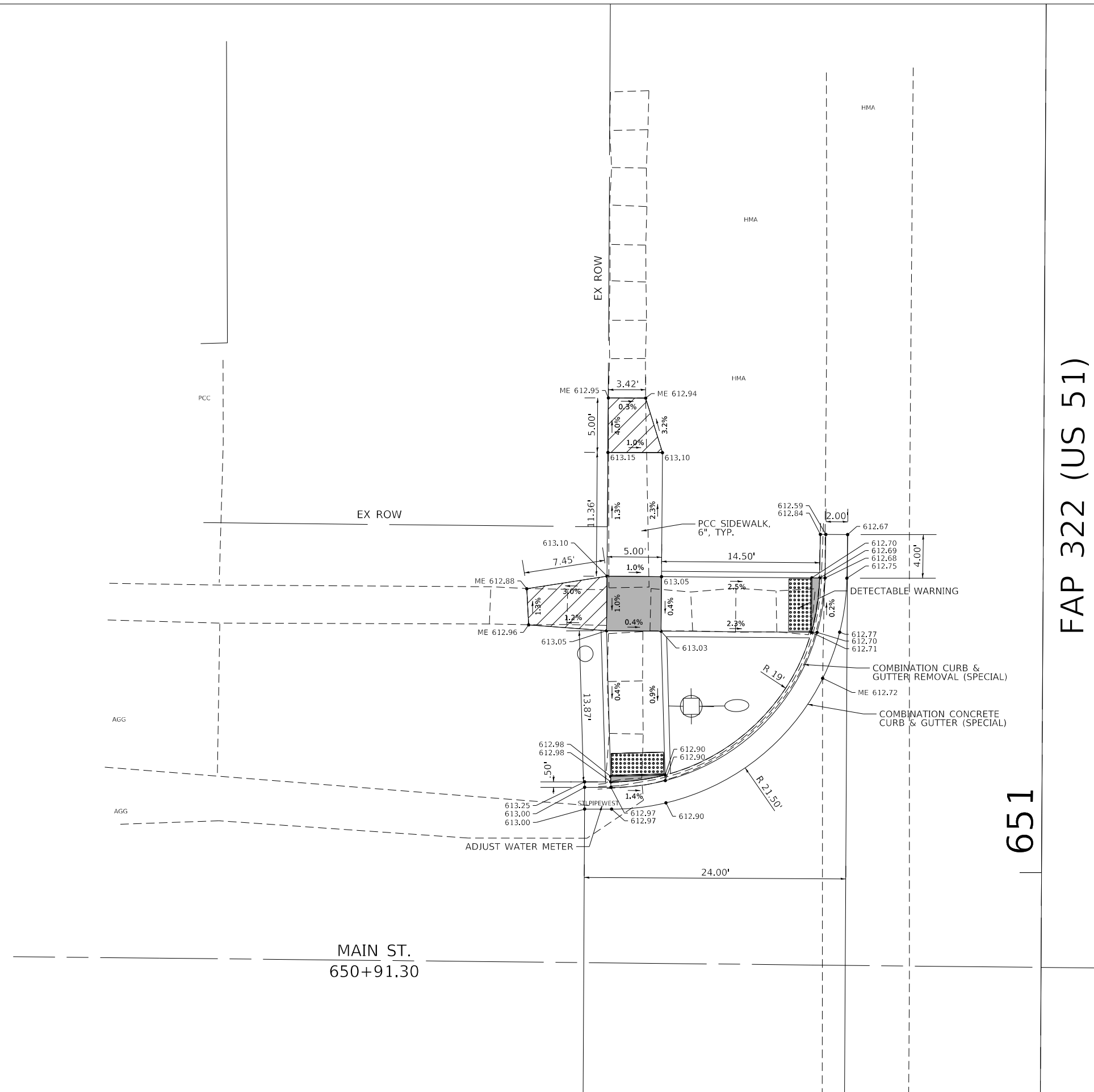
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PLAN SHEET
STA. 651+00 SW QUADRANT OF MAIN ST.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	59
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



FAP 322 (US 51)

651

	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

MODEL: Default
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PLOT DATE = 2/7/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA PLAN SHEET			
STA. 651+00 NW QUADRANT OF MAIN ST.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	60
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



FAP 322 (US 51)

651

EX ROW

EX ROW

MAIN ST.
650+91.30

DETECTABLE WARNING
EXISTING WATER VALVE
TO BE ADJUSTED
PR EOP ELEV: 612.79
EX EOP ELEV: 613.02

COMBINATION CURB &
GUTTER REMOVAL (SPECIAL)

COMBINATION CONCRETE
CURB & GUTTER (SPECIAL)

INLET TO BE ADJUSTED
W/ NEW TYPE 11 F&G
PR EOP ELEV: 612.60
EX EOP ELEV: 612.64

PCC SIDEWALK,
6", TYP.

	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

MO:EL:\Default
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	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/7/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PLAN SHEET
STA. 651+00 NE QUADRANT OF MAIN ST.

SCALE: SHEET OF SHEETS STA. TO STA.

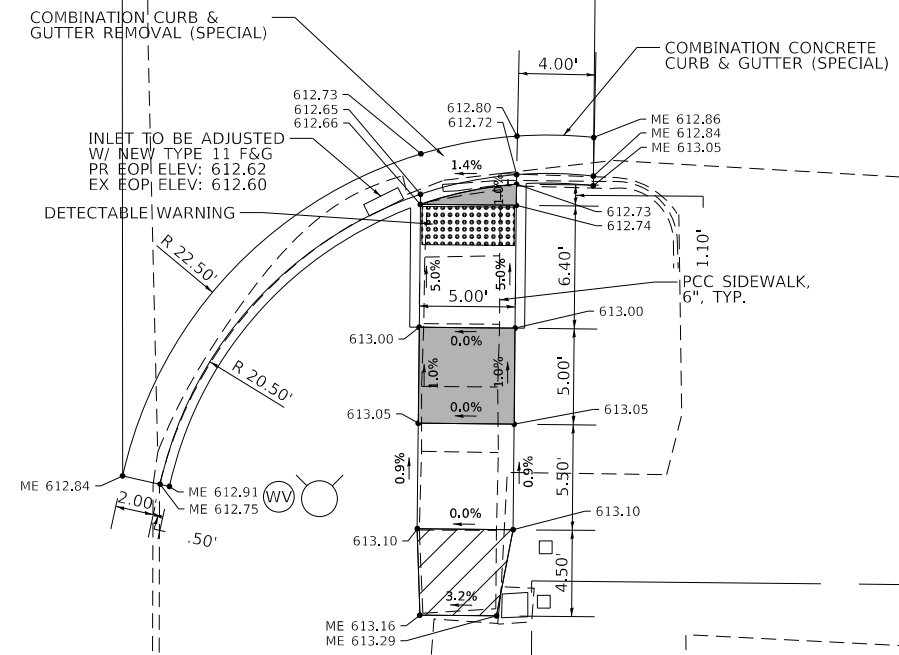
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	61
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



651

FAP 322 (US 51)

MAIN ST.
650+91.30



	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

MODEL: Default
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

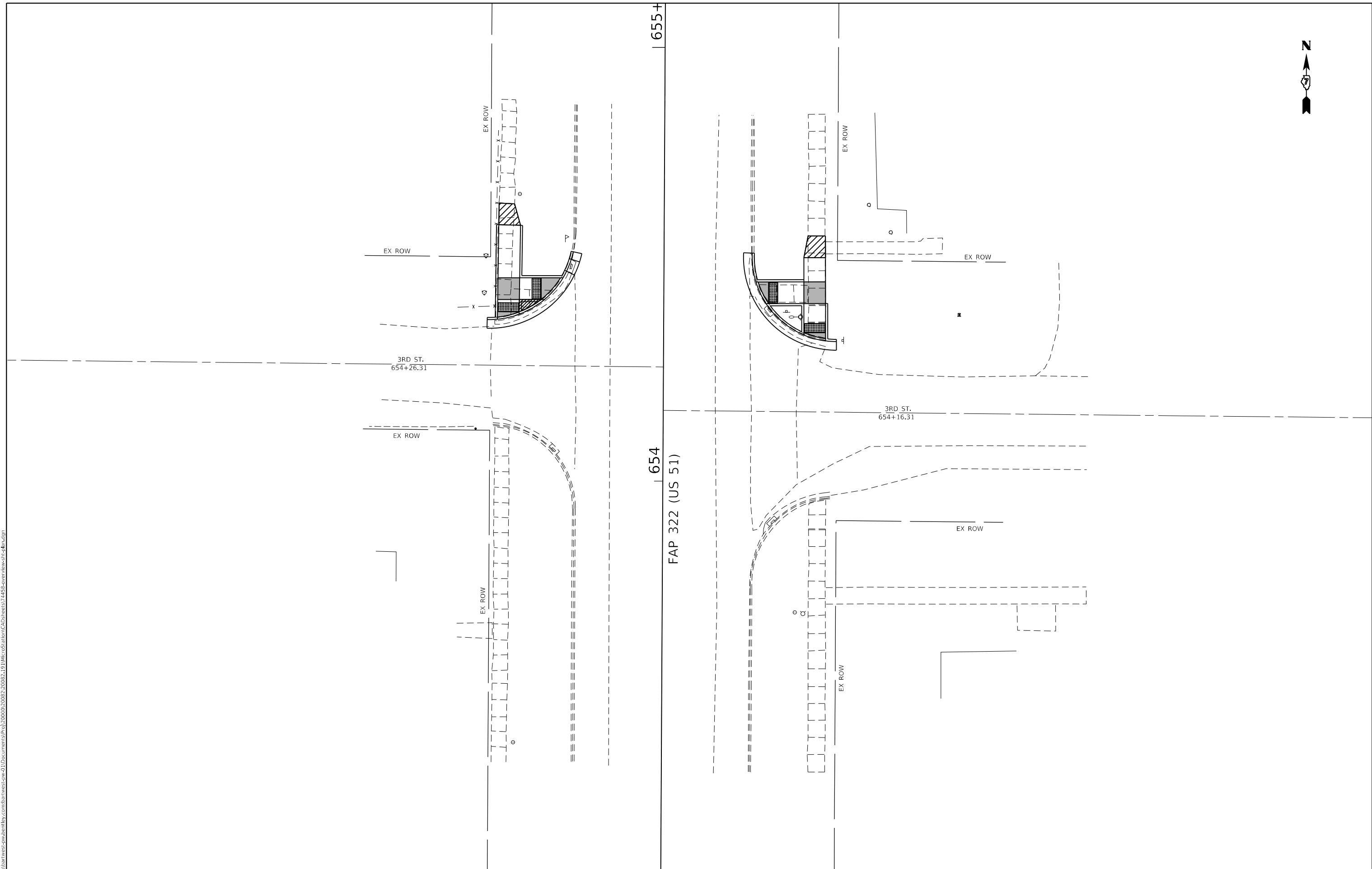
ADA PLAN SHEET
STA. 651+00 SE QUADRANT OF MAIN ST.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	62
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74458	



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PLOT DATE = 2/7/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PLAN SHEET
STA. 654 + 31 3RD STREET - INTERSECTION

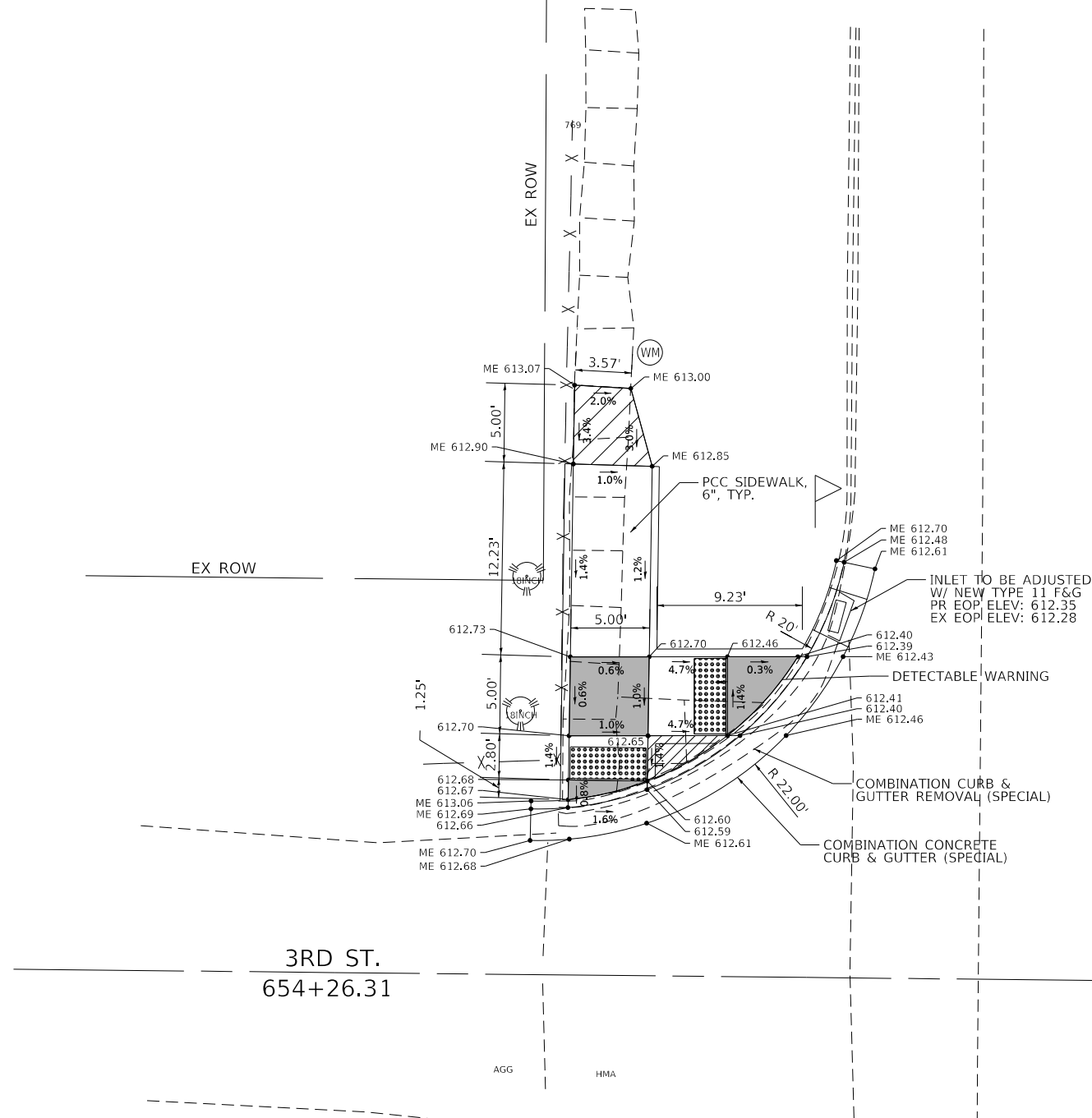
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	63
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



655+00

FAP 322 (US 51)



3RD ST.
654+26.31

	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

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PLOT DATE = 2/7/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA PLAN SHEET
STA. 654+40 NW QUADRANT OF 3RD ST.**

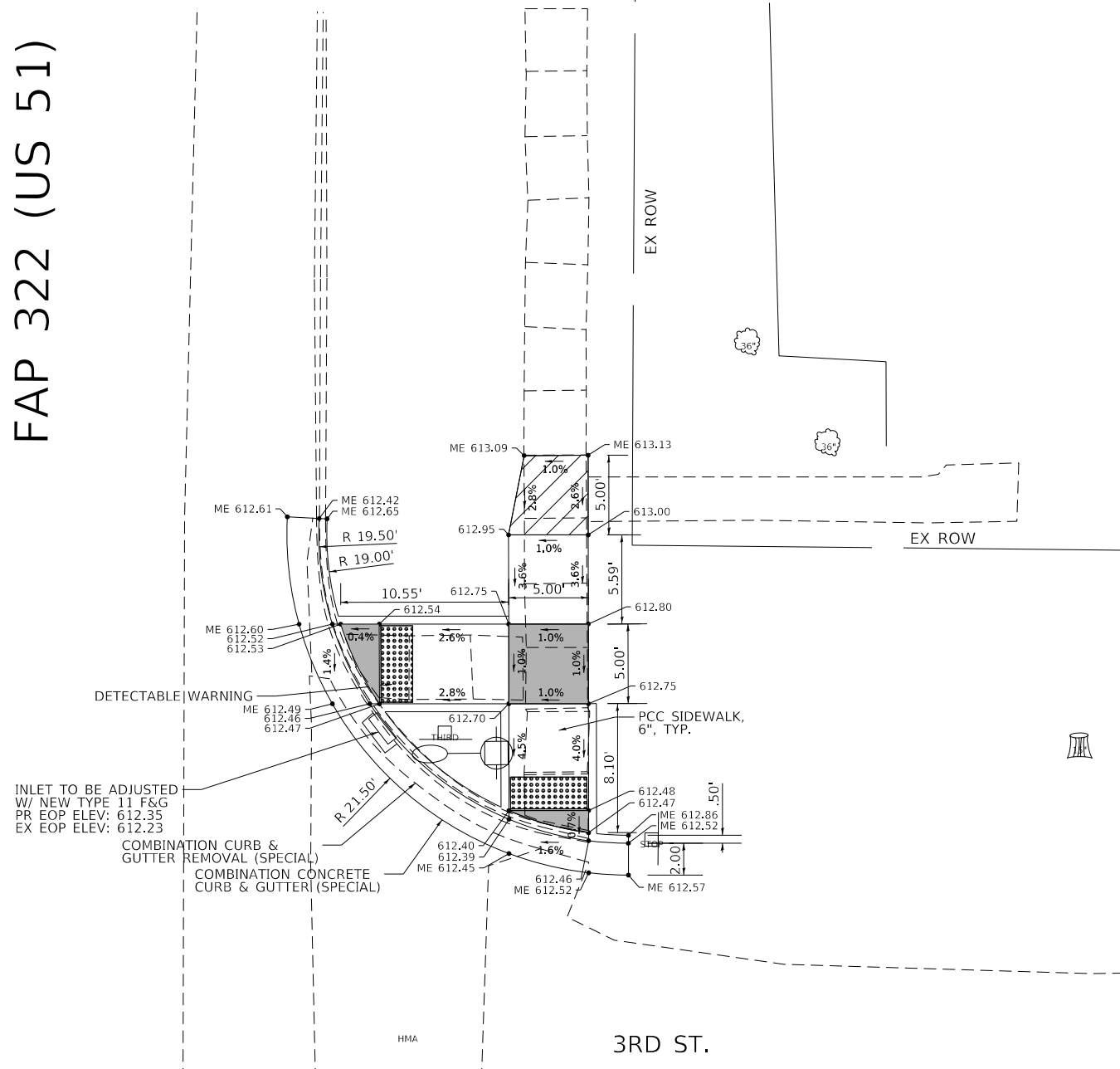
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	64
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74458	



655+00

FAP 322 (US 51)



	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

MODEL: Default
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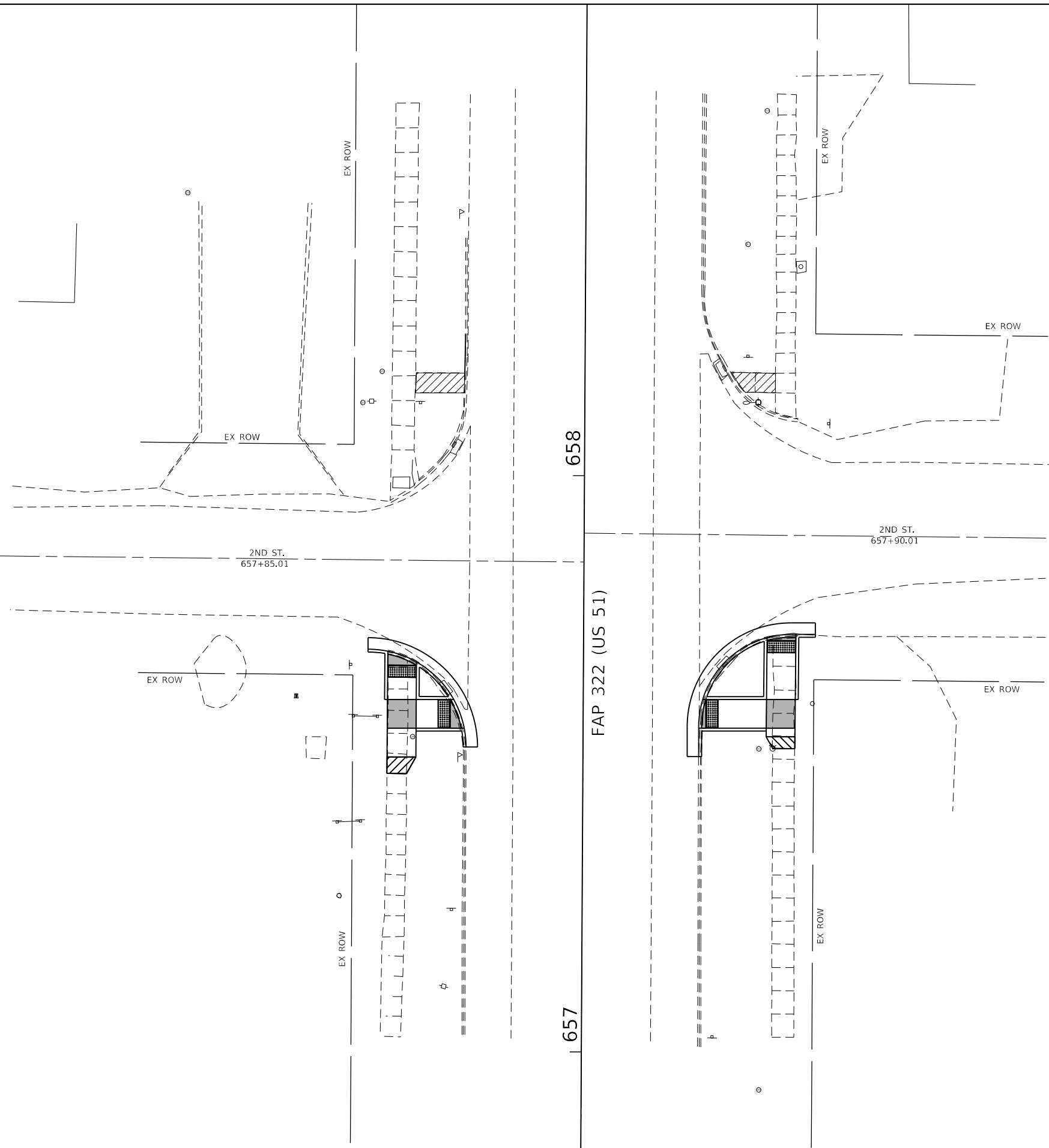
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PLOT DATE = 2/7/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA PLAN SHEET
STA. 654 + 40 NE QUADRANT OF 3RD ST.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	65
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



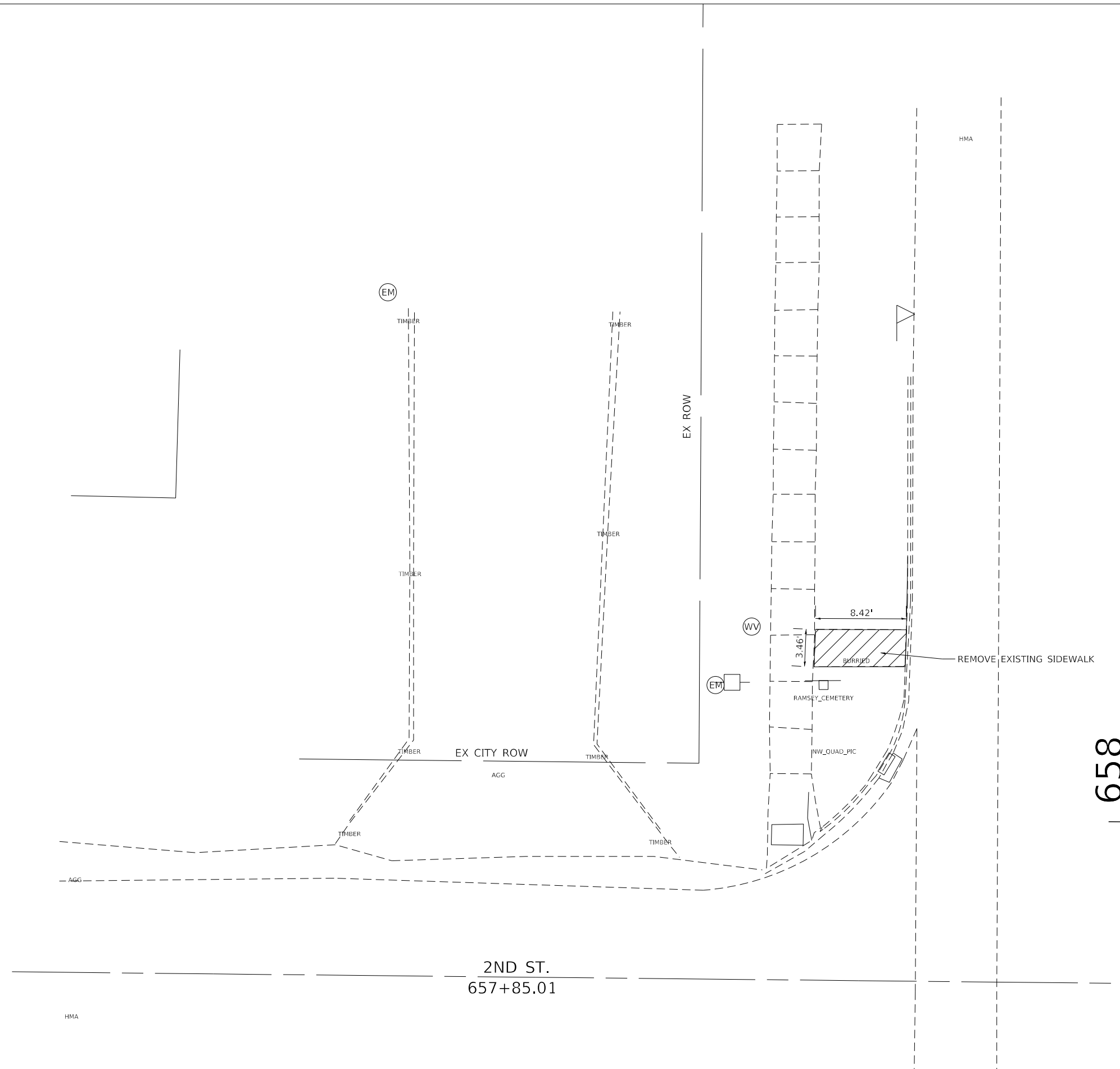
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PLOT DATE = 2/7/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PLAN SHEET			
STA. 658 + 00 2ND STREET - INTERSECTION			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	66
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



FAP 322 (US 51)

658

2ND ST.
657+85.01

	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

MODEL: Default
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	DRAWN -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA PLAN SHEET
STA. 658+00 NW QUADRANT OF 2ND ST.**

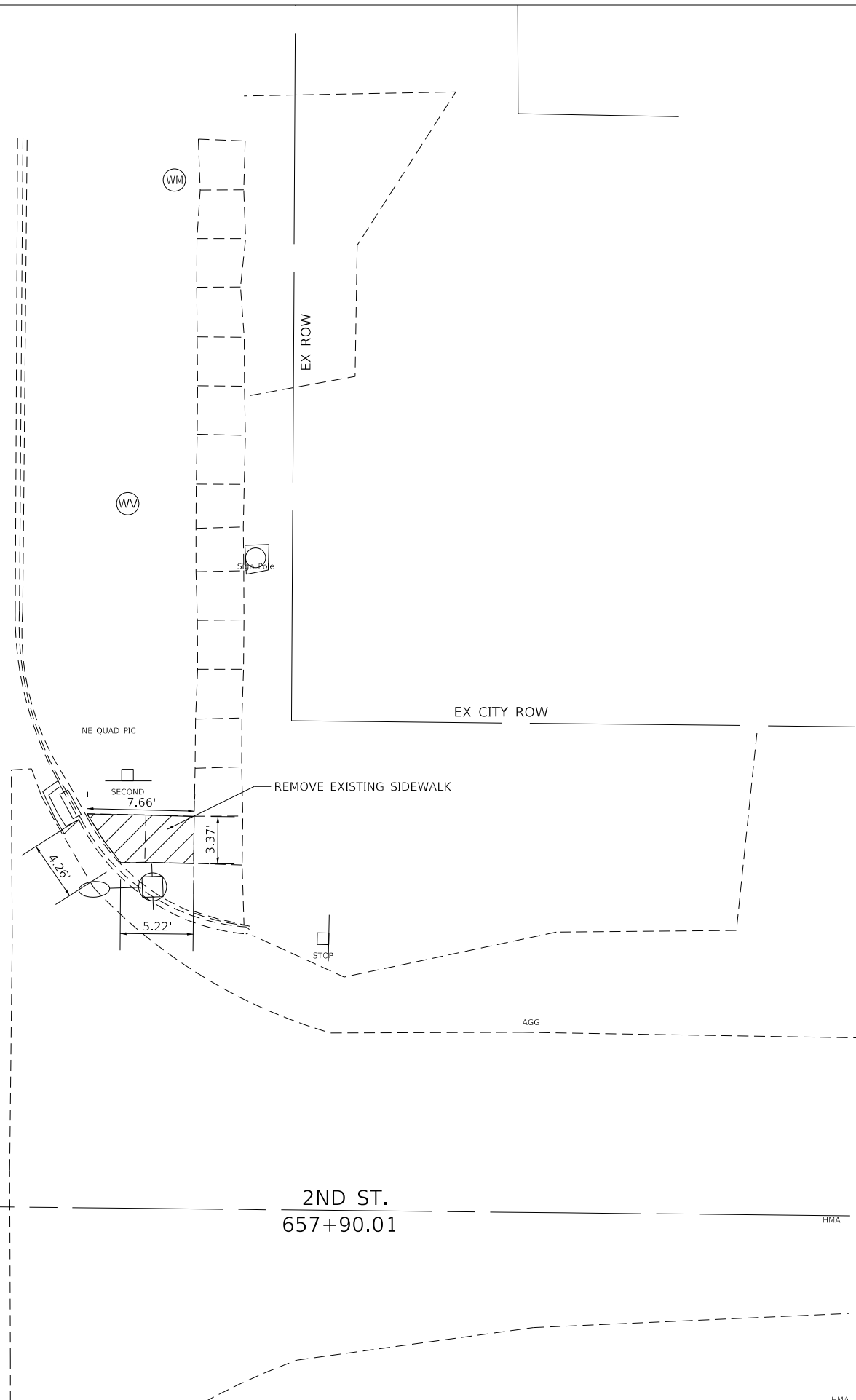
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	67
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



FAP 322 (US 51)

658



	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

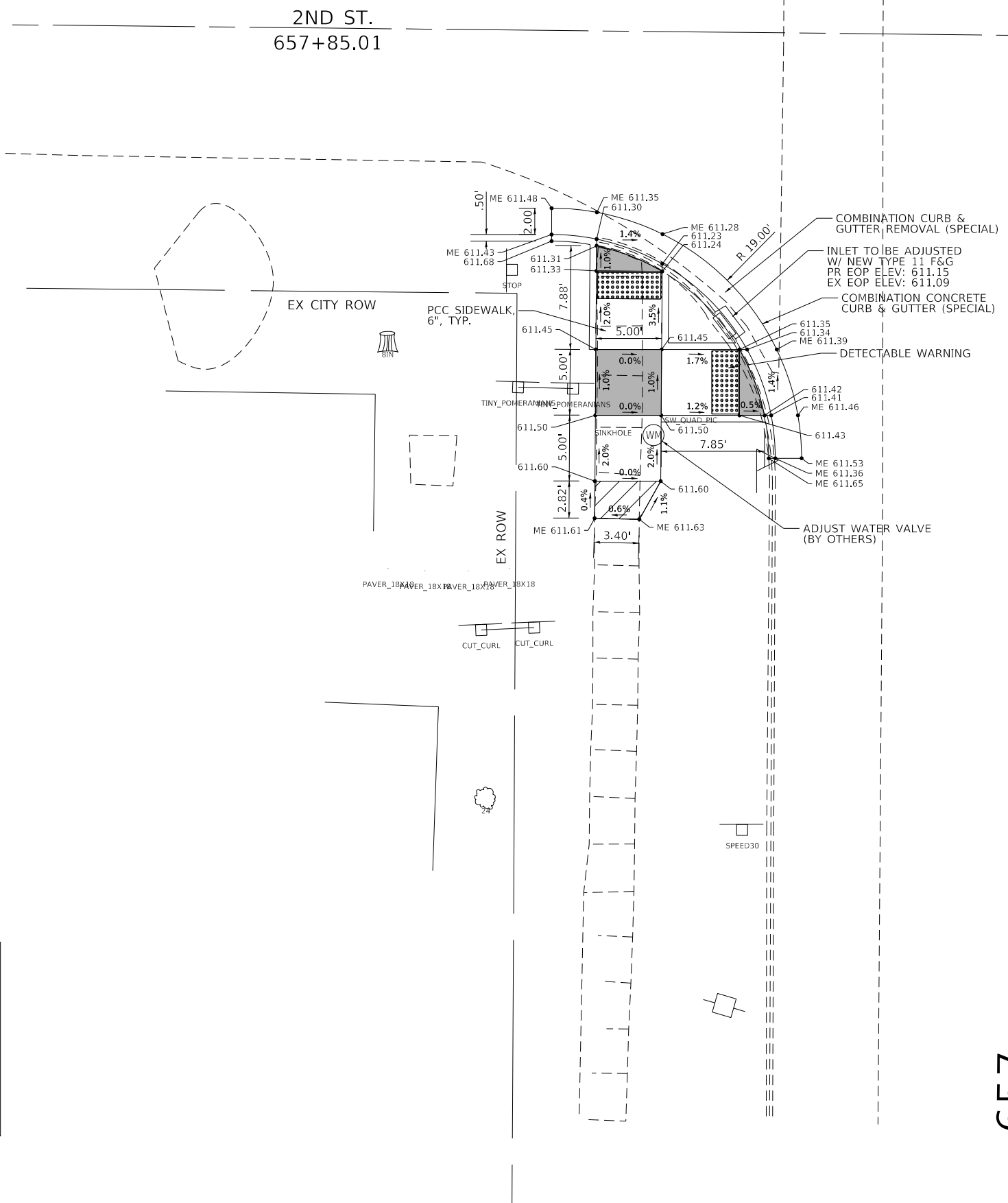
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PLOT DATE = 2/7/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




ADA PLAN SHEET			
STA. 658+00 NE QUADRANT OF 2ND ST.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	68
CONTRACT NO. 74458				
		ILLINOIS	FED. AID PROJECT	



FAP 322 (US 51)

657

	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

MODEL: Default
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PLOT DATE = 2/7/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA PLAN SHEET
STA. 658 +00 SW QUADRANT OF 2ND ST.

SCALE: SHEET OF SHEETS STA. TO STA.

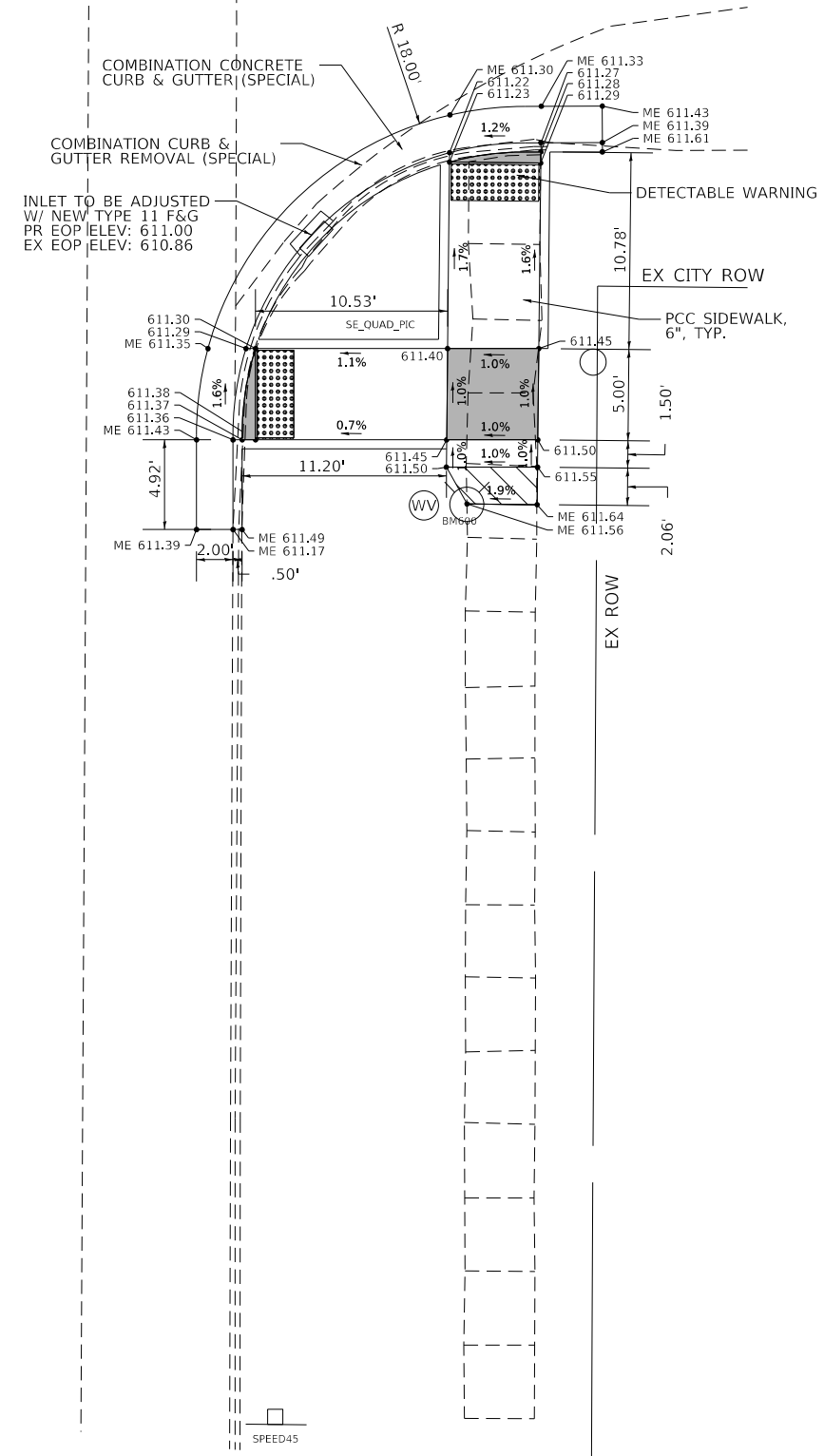
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322	(20RS-4-1), 20RS-3	FAYETTE	102	69
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



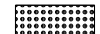


2ND ST.
657+90.01

FAP 322 (US 51)

657



	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

MODEL: Default
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

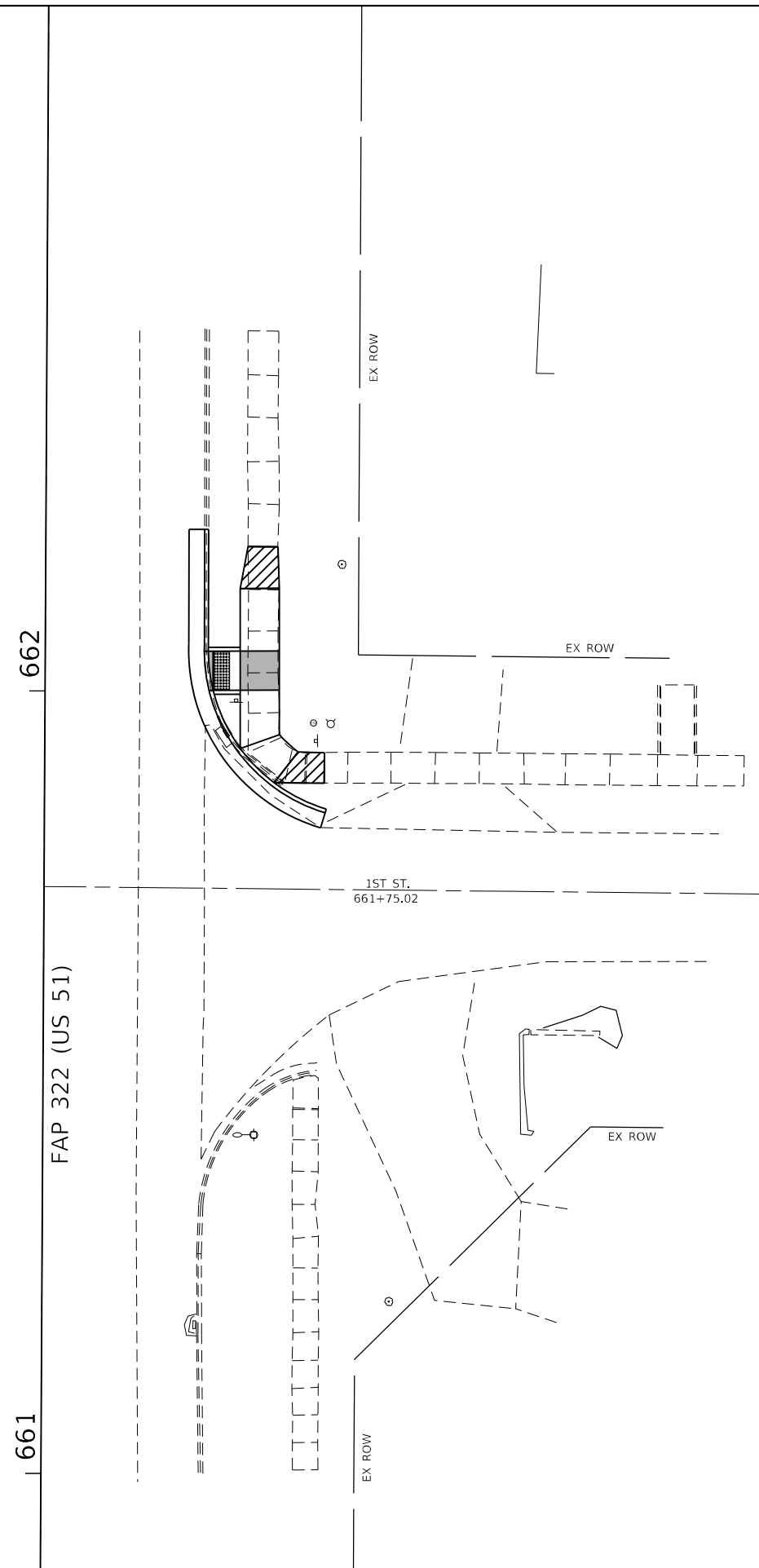
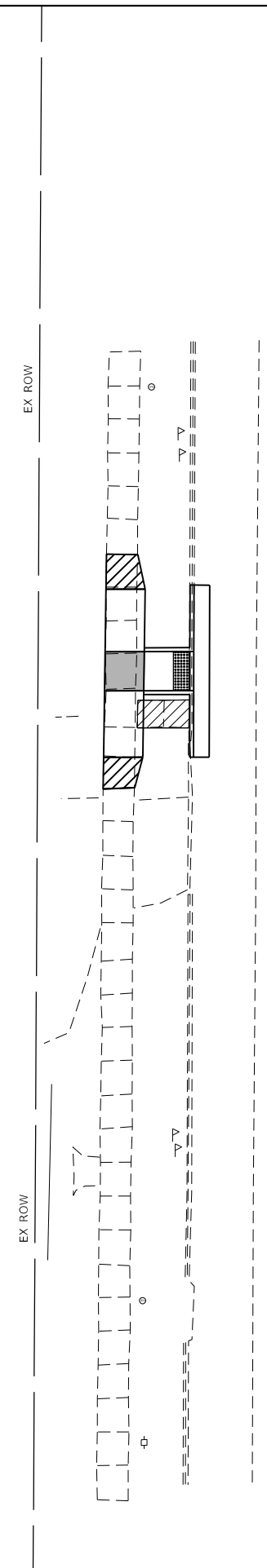
ADA PLAN SHEET
STA. 658 + 00 SE QUADRANT OF 2ND ST.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	70
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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662

661

FAP 322 (US 51)

1ST ST.
661+75.02

EX ROW

EX ROW

EX ROW

EX ROW

EX ROW

EX ROW

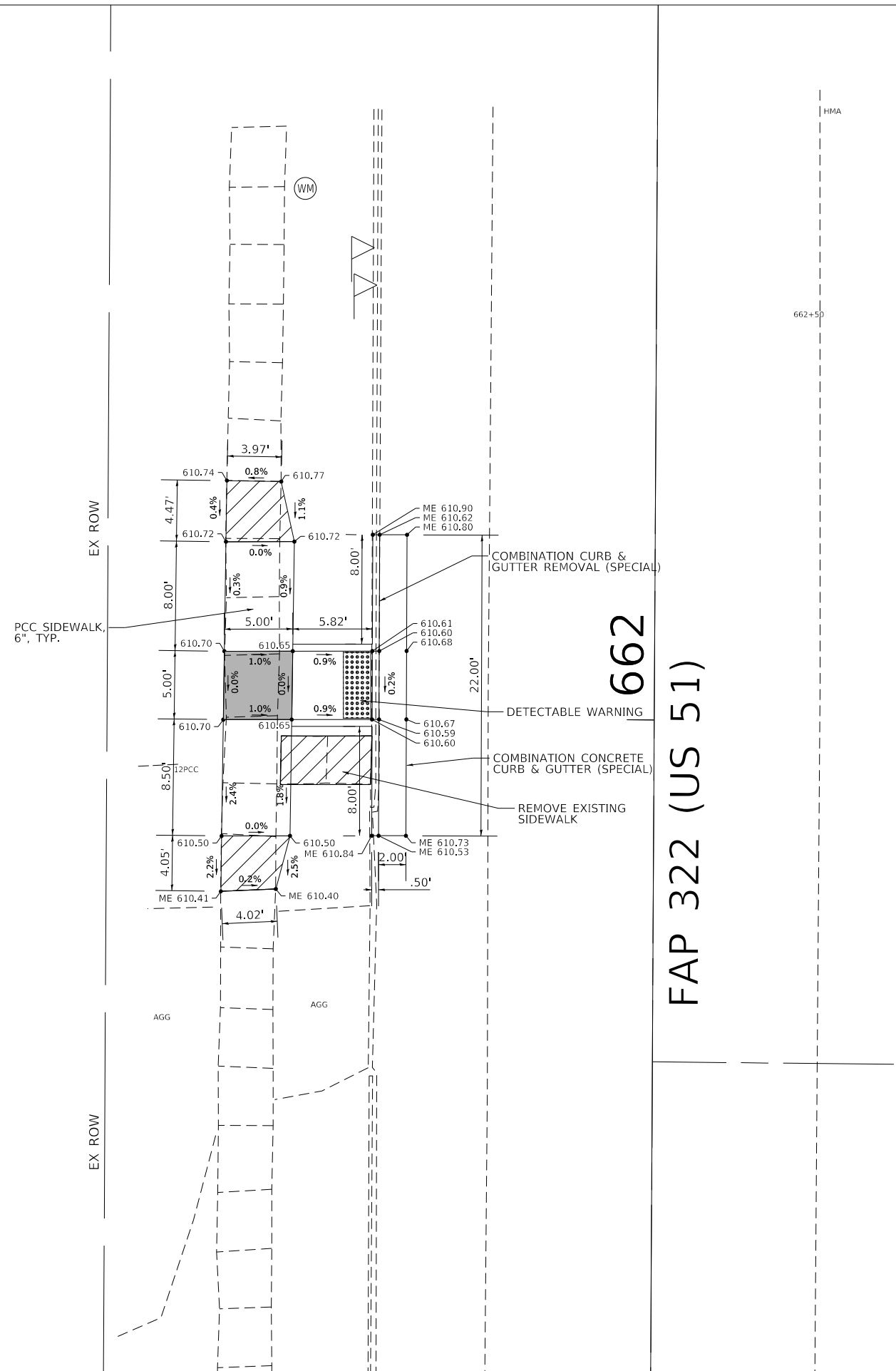
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PLOT DATE = 2/7/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA PLAN SHEET
STA. 662+00 1ST STREET - INTERSECTION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	71
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



662
FAP 322 (US 51)

	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

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

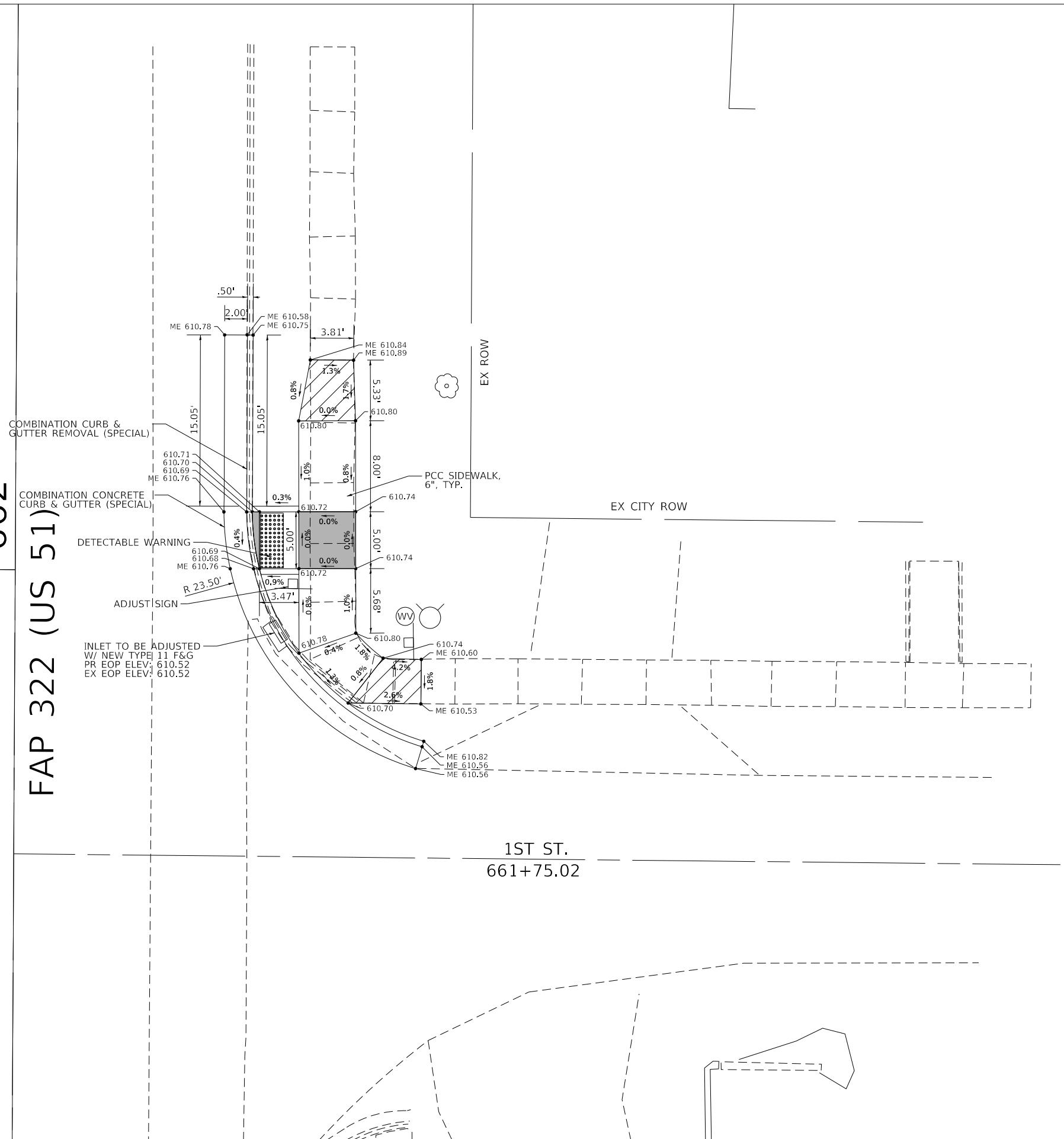
**ADA PLAN SHEET
STA. 662+00 NW QUADRANT OF 1ST ST.**




SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	72
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



662
 FAP 322 (US 51)



	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

Model: Default
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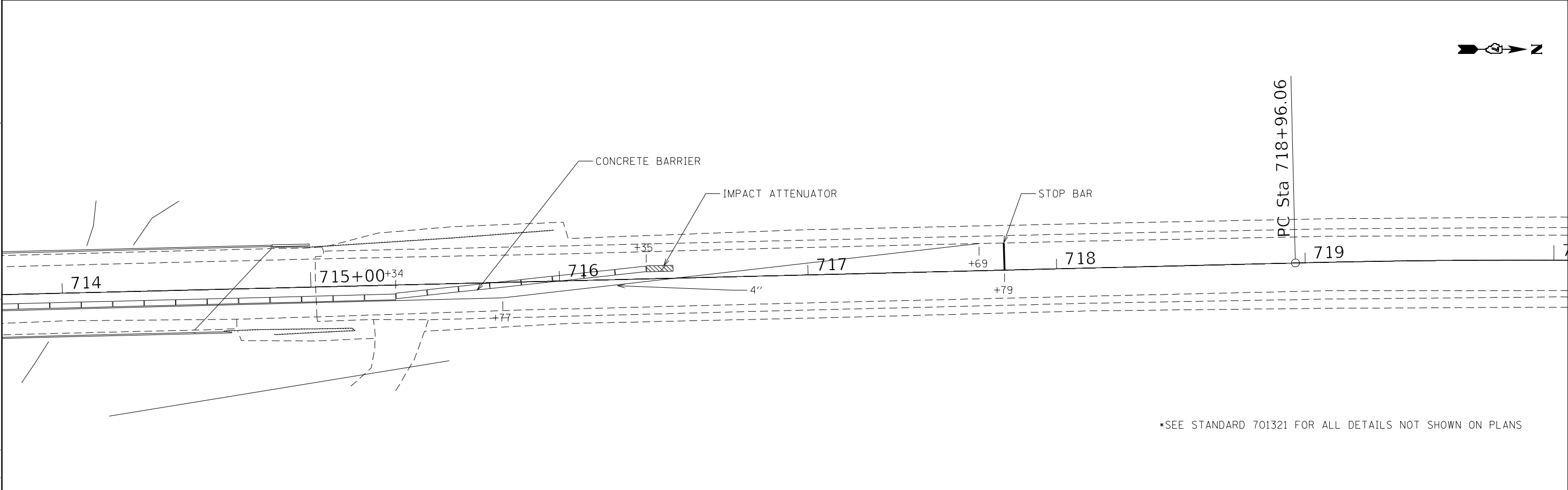
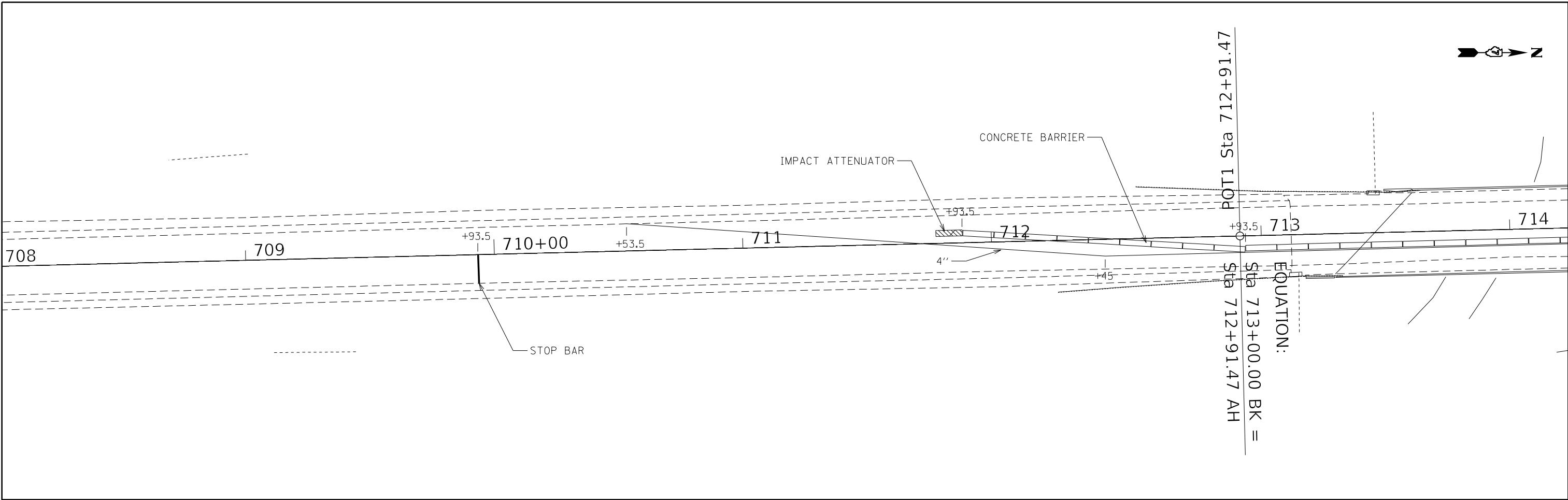
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DRAWN -	REVISOR -	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/7/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PLAN SHEET
STA. 662+00 NE QUADRANT OF 1ST ST.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	73
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



*SEE STANDARD 701321 FOR ALL DETAILS NOT SHOWN ON PLANS

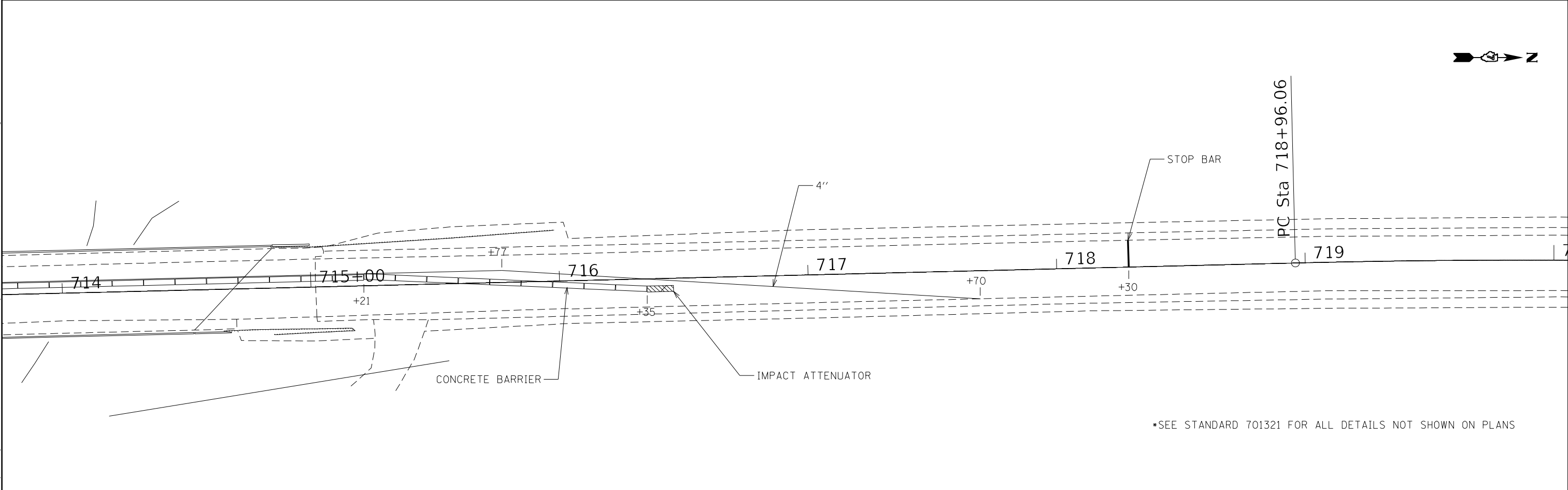
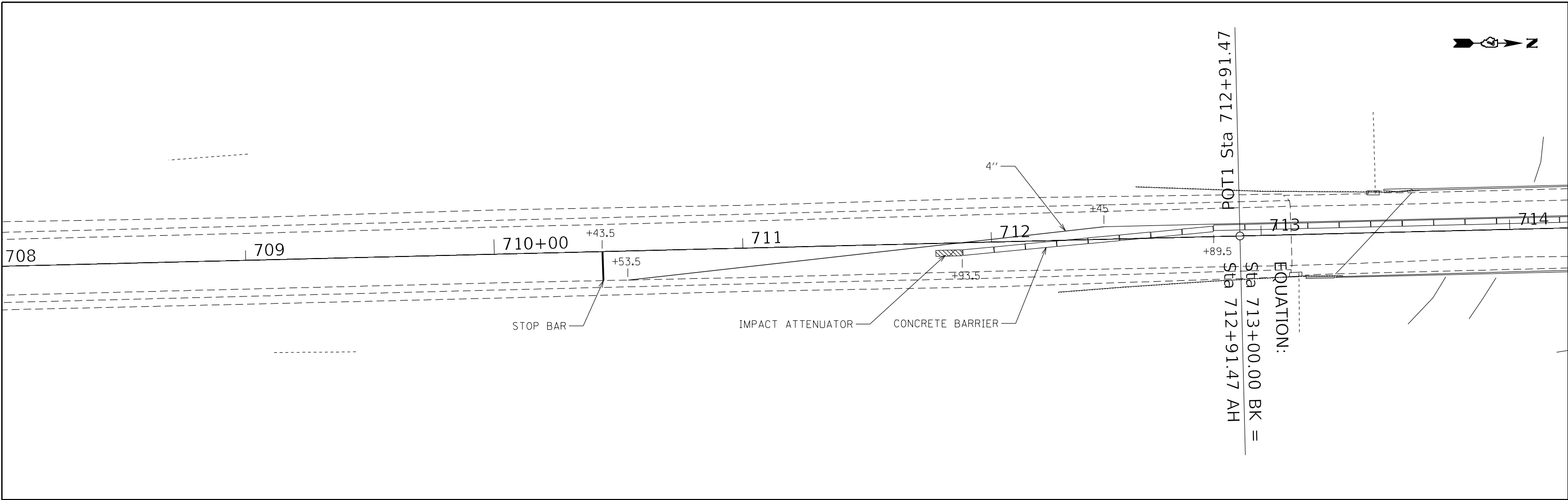
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USER NAME = Mona.Steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1				
TRAFFIC CONTROL				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	74
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



*SEE STANDARD 701321 FOR ALL DETAILS NOT SHOWN ON PLANS

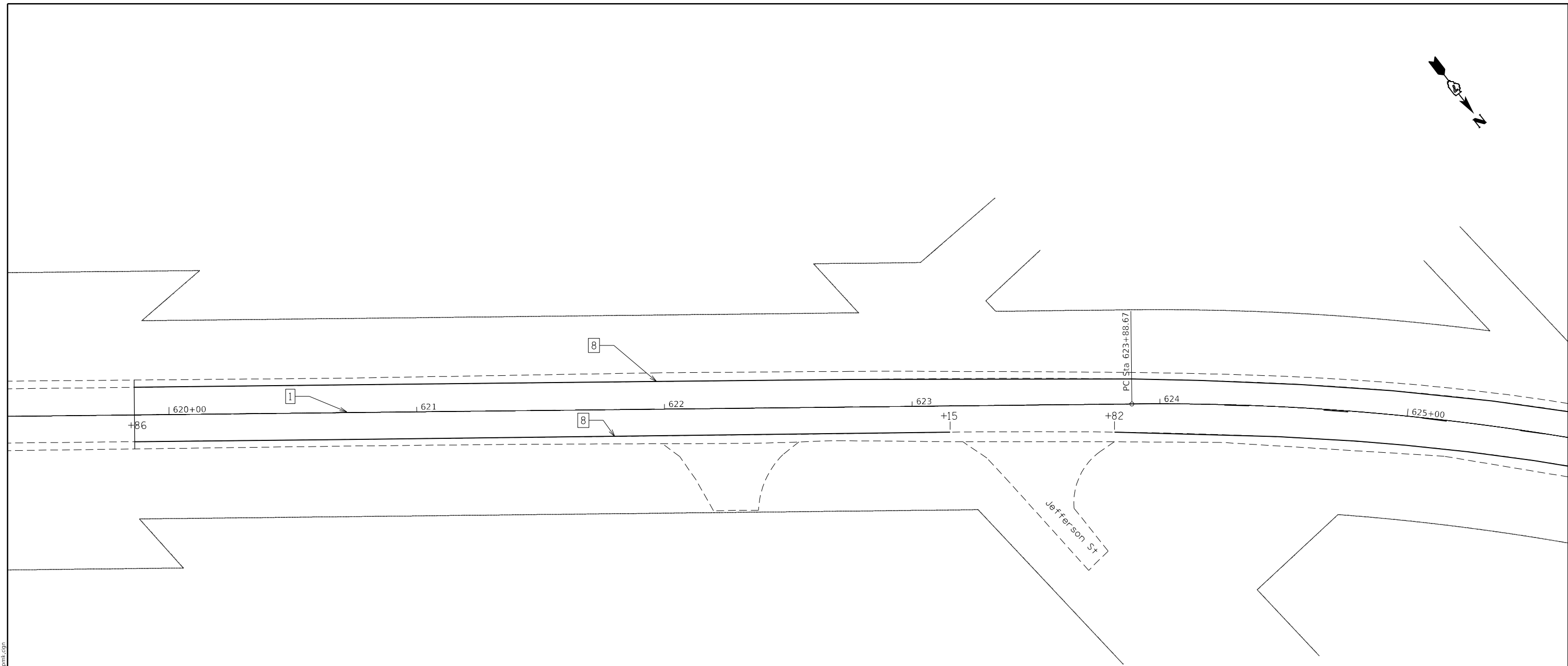
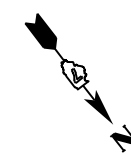
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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 2 TRAFFIC CONTROL				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	75
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

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

*SEE DISTRICT STANDARD 78000001 FOR DETAILS NOT SHOWN ON THE PLANS

*THERMOPLASTIC PAVEMENT MARKINGS TO BE USED THROUGH TOWN AND AT TURN LANES

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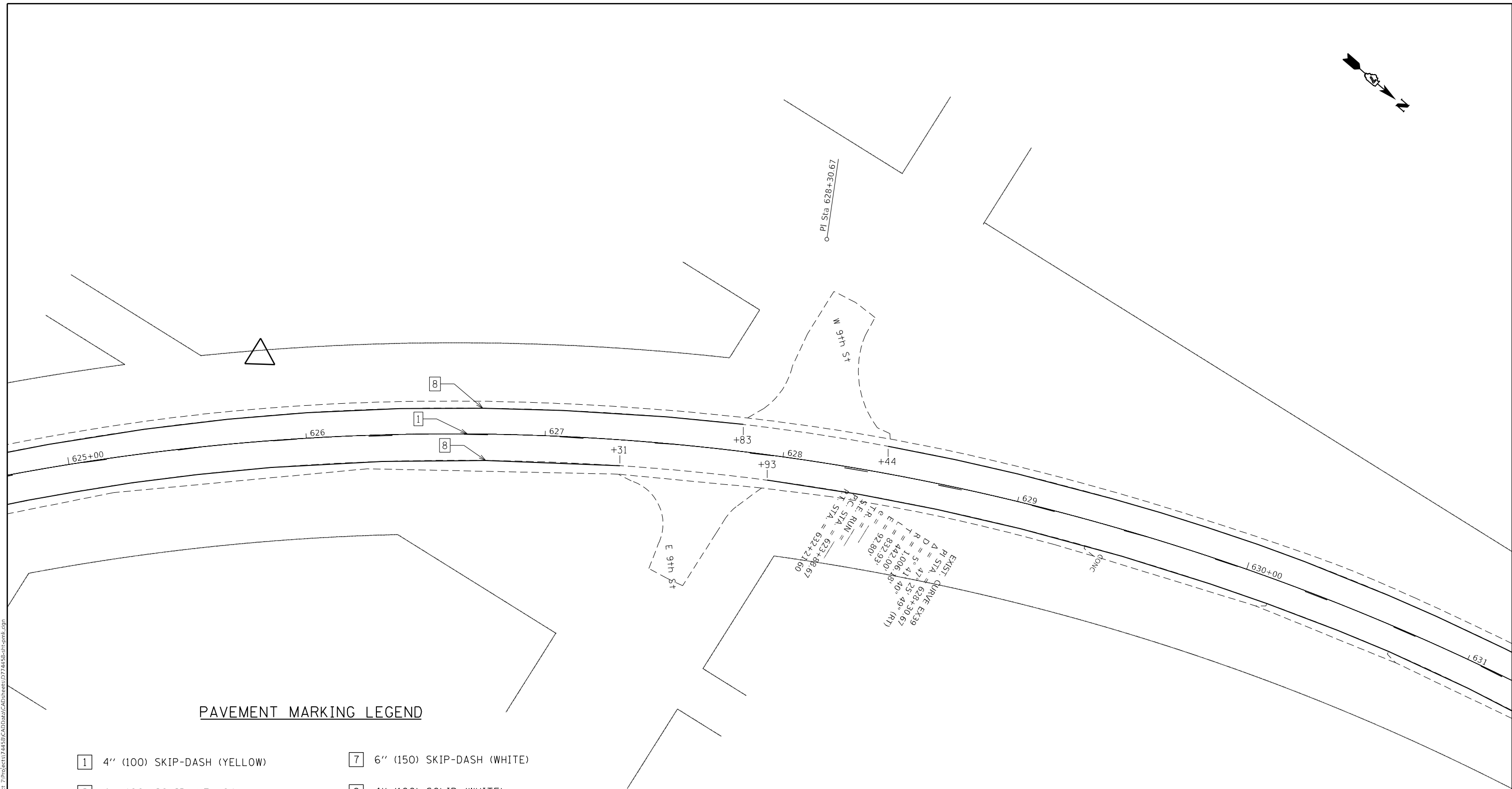
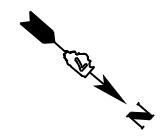
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	DRAWN -	REVISED -
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PLOT DATE = 2/13/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS
US 51**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	76
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE EX39
 P.I. STA. = 628+30.67
 Δ = 5° 41' 25" 49" (RT)
 D = 1,006.16'
 L = 442.00'
 E = 832.00'
 T.R. = 92.80'
 S.E. RUN =
 P.C. STA. = 623+88.67
 P.T. STA. = 632+21.60

PAVEMENT MARKING LEGEND

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

*SEE DISTRICT STANDARD 78000001 FOR
 DETAILS NOT SHOWN ON THE PLANS

 *THERMOPLASTIC PAVEMENT MARKINGS TO
 BE USED THROUGH TOWN AND AT TURN LANES

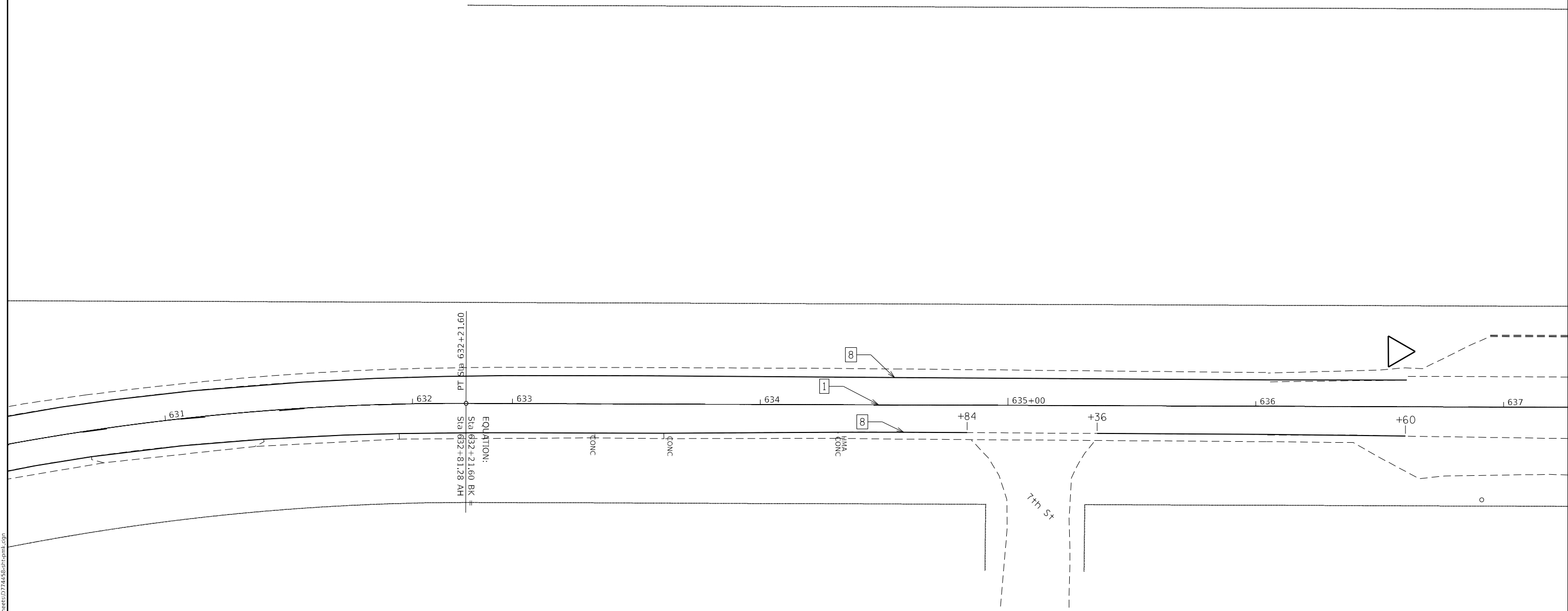
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PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS			
US 51			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	77
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

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

•SEE DISTRICT STANDARD 78000001 FOR DETAILS NOT SHOWN ON THE PLANS

•THERMOPLASTIC PAVEMENT MARKINGS TO BE USED THROUGH TOWN AND AT TURN LANES

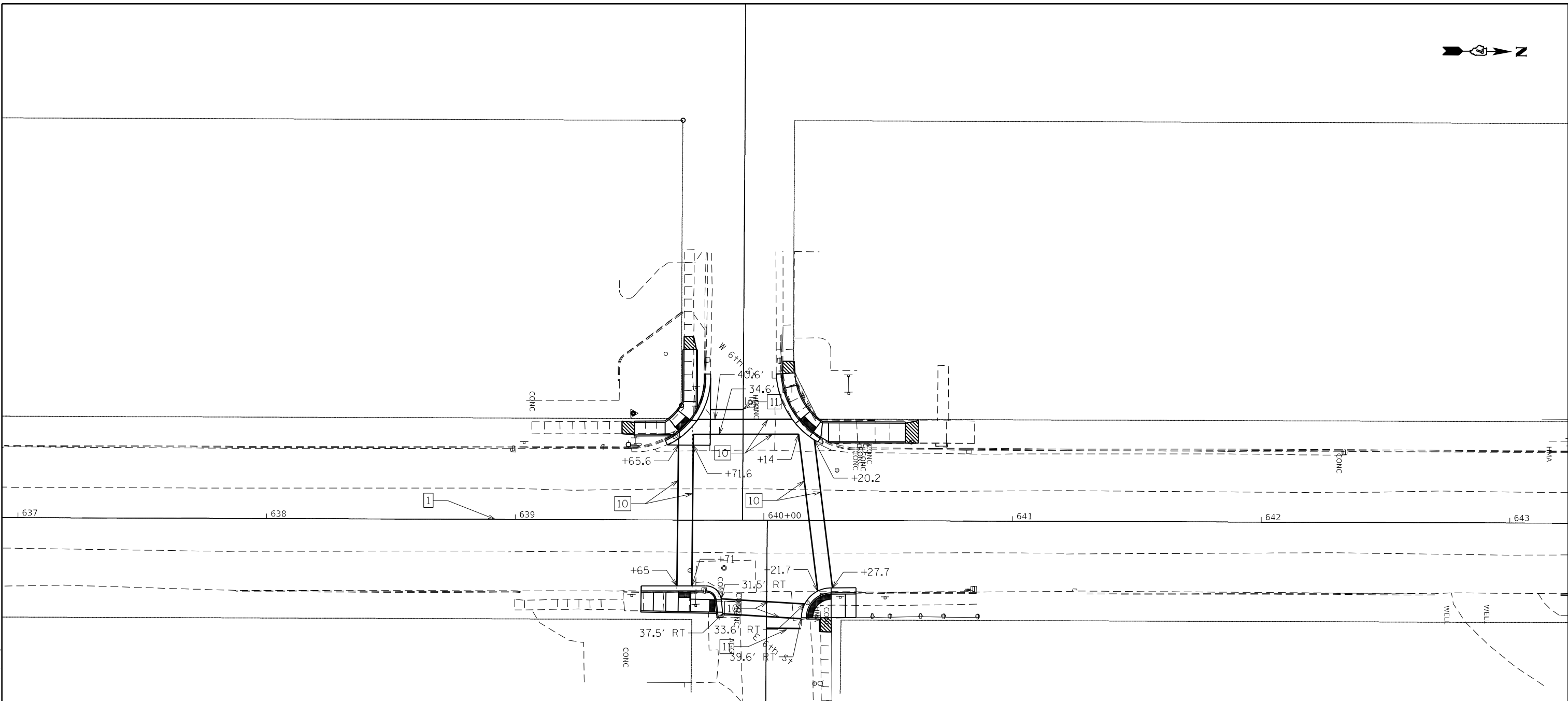
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PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS			
US 51			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	78
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74458	



PAVEMENT MARKING LEGEND

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

*SEE DISTRICT STANDARD 78000001 FOR DETAILS NOT SHOWN ON THE PLANS

*THERMOPLASTIC PAVEMENT MARKINGS TO BE USED THROUGH TOWN AND AT TURN LANES

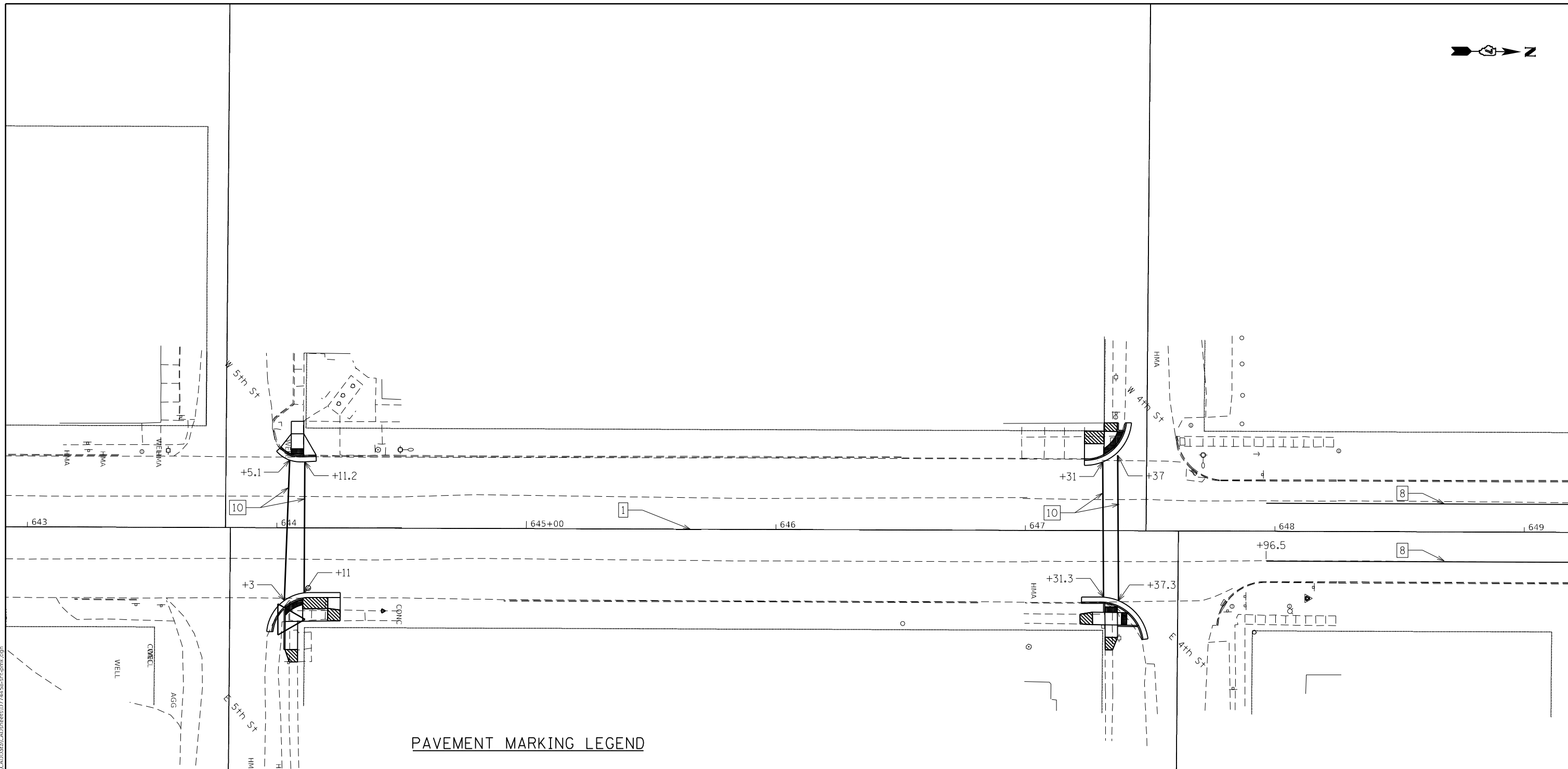
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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS			
US 51			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	79
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

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

*SEE DISTRICT STANDARD 78000001 FOR DETAILS NOT SHOWN ON THE PLANS

*THERMOPLASTIC PAVEMENT MARKINGS TO BE USED THROUGH TOWN AND AT TURN LANES

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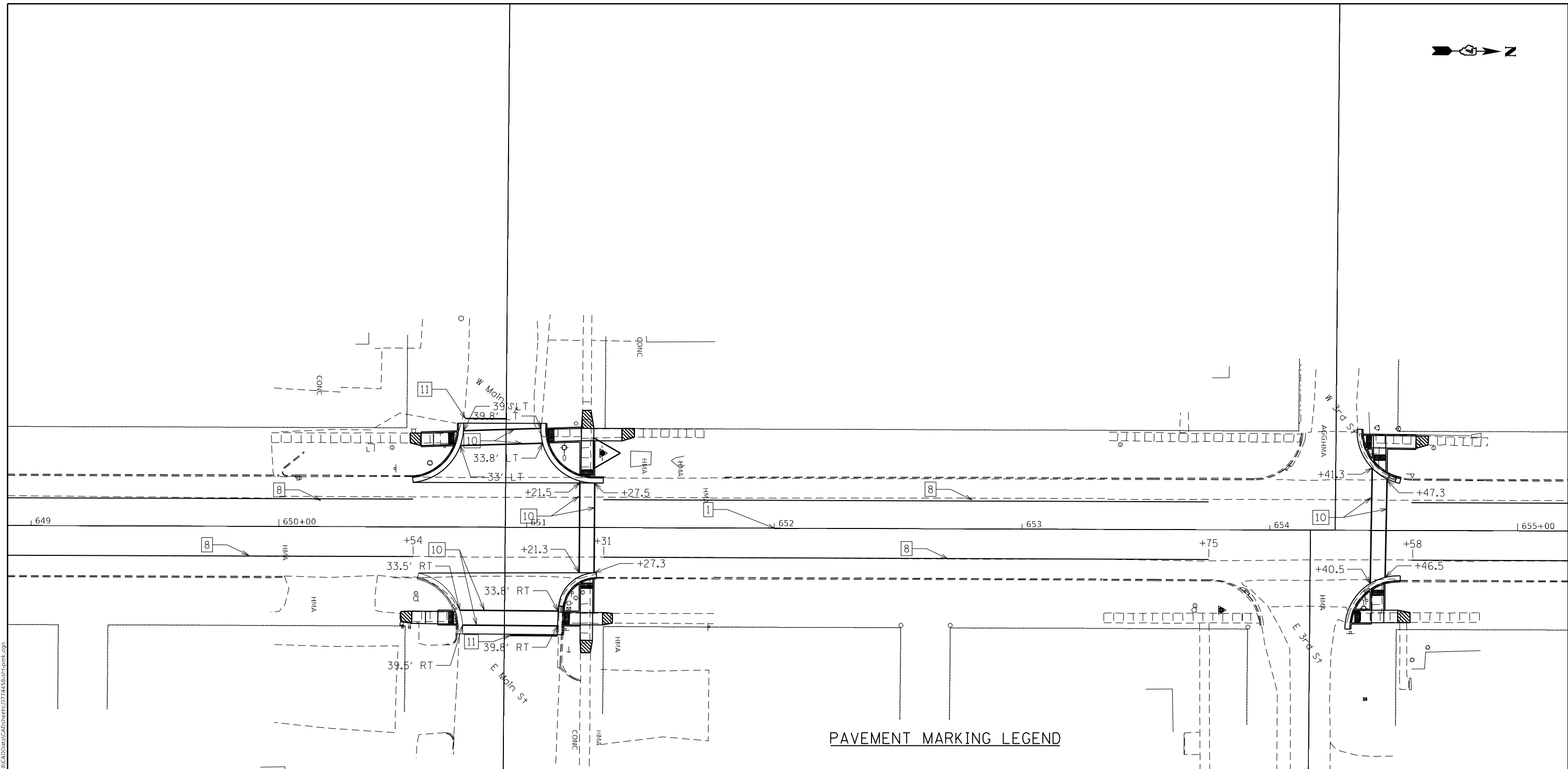
USER NAME = Mona.Steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS
US 51**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	80
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

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

•SEE DISTRICT STANDARD 78000001 FOR DETAILS NOT SHOWN ON THE PLANS

•THERMOPLASTIC PAVEMENT MARKINGS TO BE USED THROUGH TOWN AND AT TURN LANES

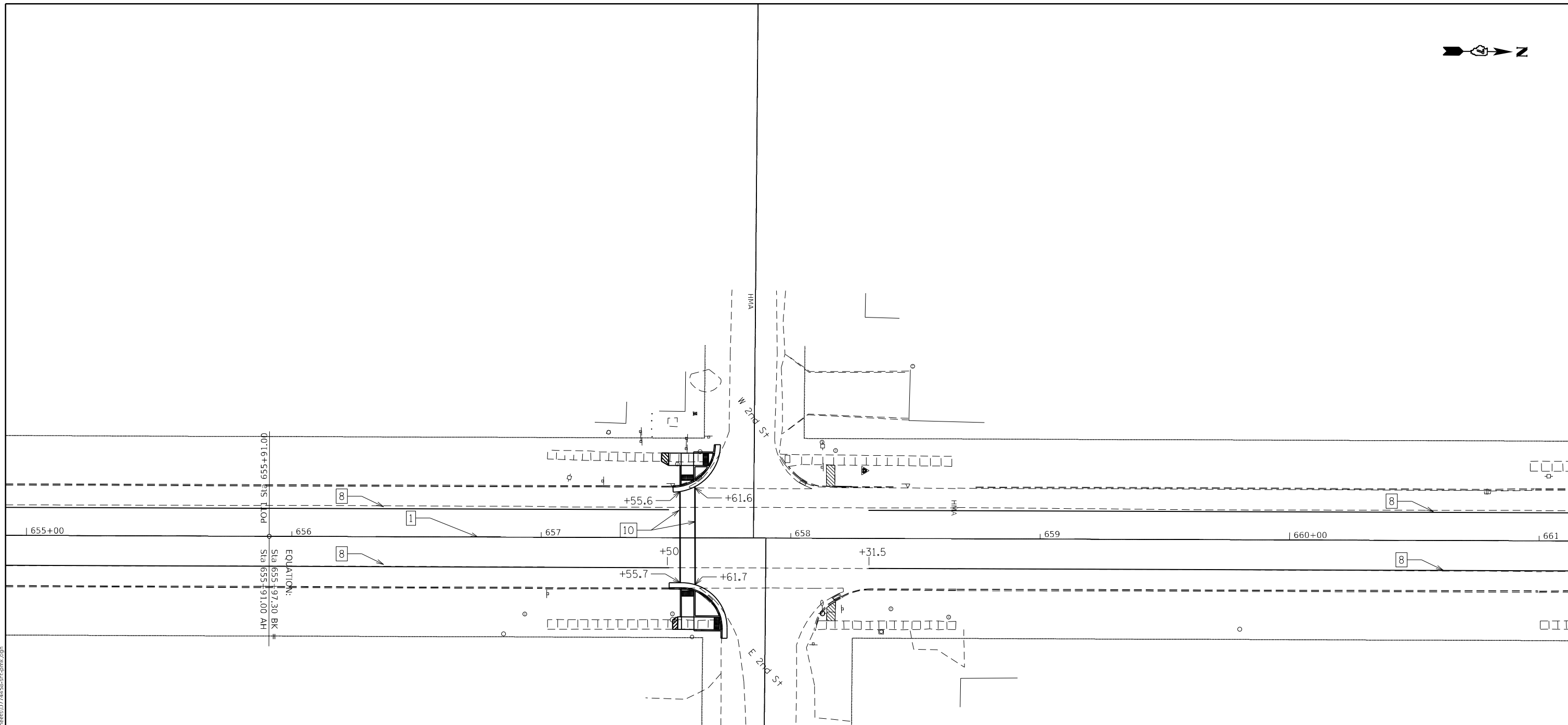
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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS			
US 51			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	81
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

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

•SEE DISTRICT STANDARD 78000001 FOR
DETAILS NOT SHOWN ON THE PLANS

•THERMOPLASTIC PAVEMENT MARKINGS TO
BE USED THROUGH TOWN AND AT TURN LANES

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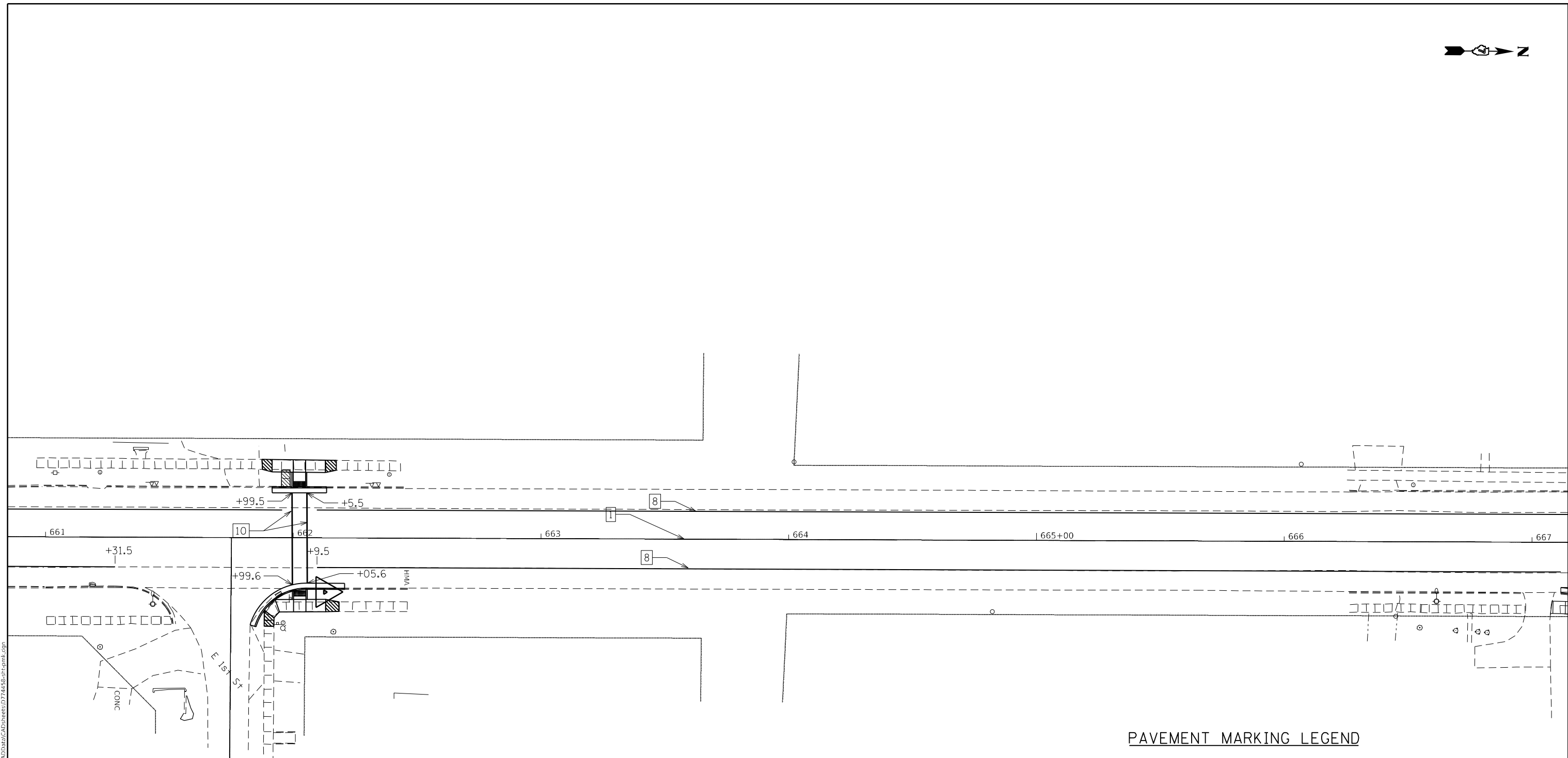
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	DRAWN -	REVISED -
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PLOT DATE = 2/13/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS
US 51**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	82
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

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

•SEE DISTRICT STANDARD 78000001 FOR DETAILS NOT SHOWN ON THE PLANS

•THERMOPLASTIC PAVEMENT MARKINGS TO BE USED THROUGH TOWN AND AT TURN LANES

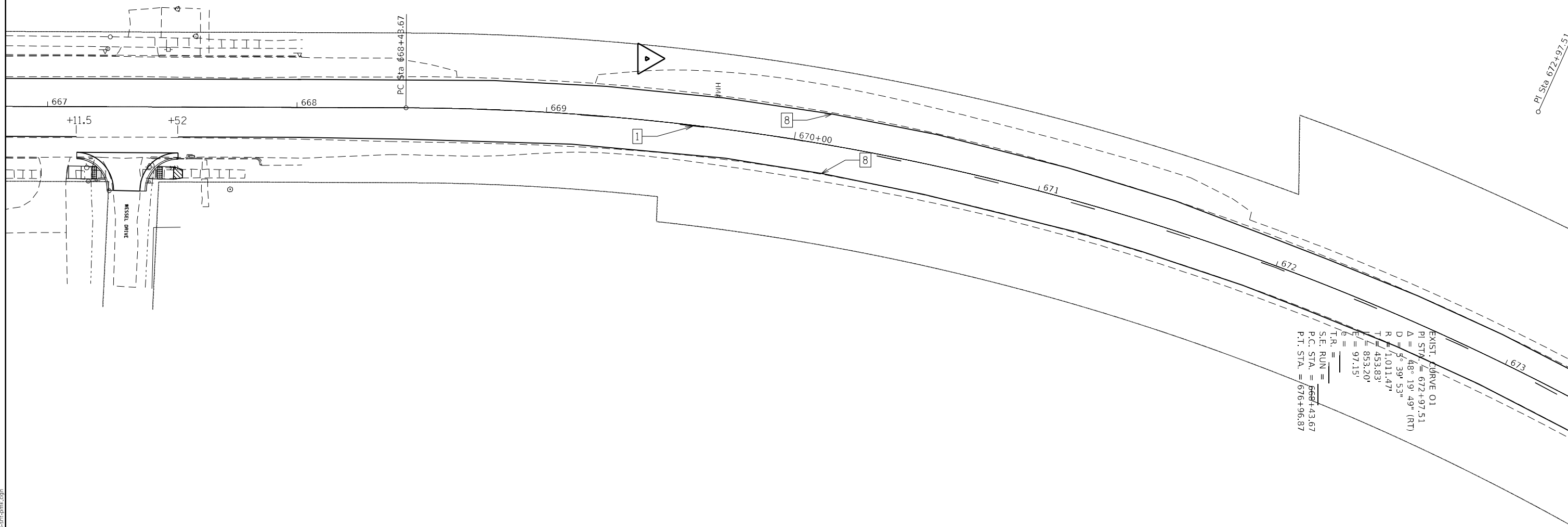
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PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 2/13/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS			
US 51			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	83
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE 01
 P.I. STA. = 672+97.51
 $\Delta = 48^\circ 19' 49''$ (RT)
 $D = 5' 39'' 53''$
 $R = 1,011.47'$
 $T = 453.83'$
 $L = 853.20'$
 $E = 97.15'$
 $T.R. =$
 S.E. RUN = 568+43.67
 P.C. STA. = 668+43.67
 P.T. STA. = 676+96.87

PAVEMENT MARKING LEGEND

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

•SEE DISTRICT STANDARD 78000001 FOR
 DETAILS NOT SHOWN ON THE PLANS

•THERMOPLASTIC PAVEMENT MARKINGS TO
 BE USED THROUGH TOWN AND AT TURN LANES

MODEL: Default
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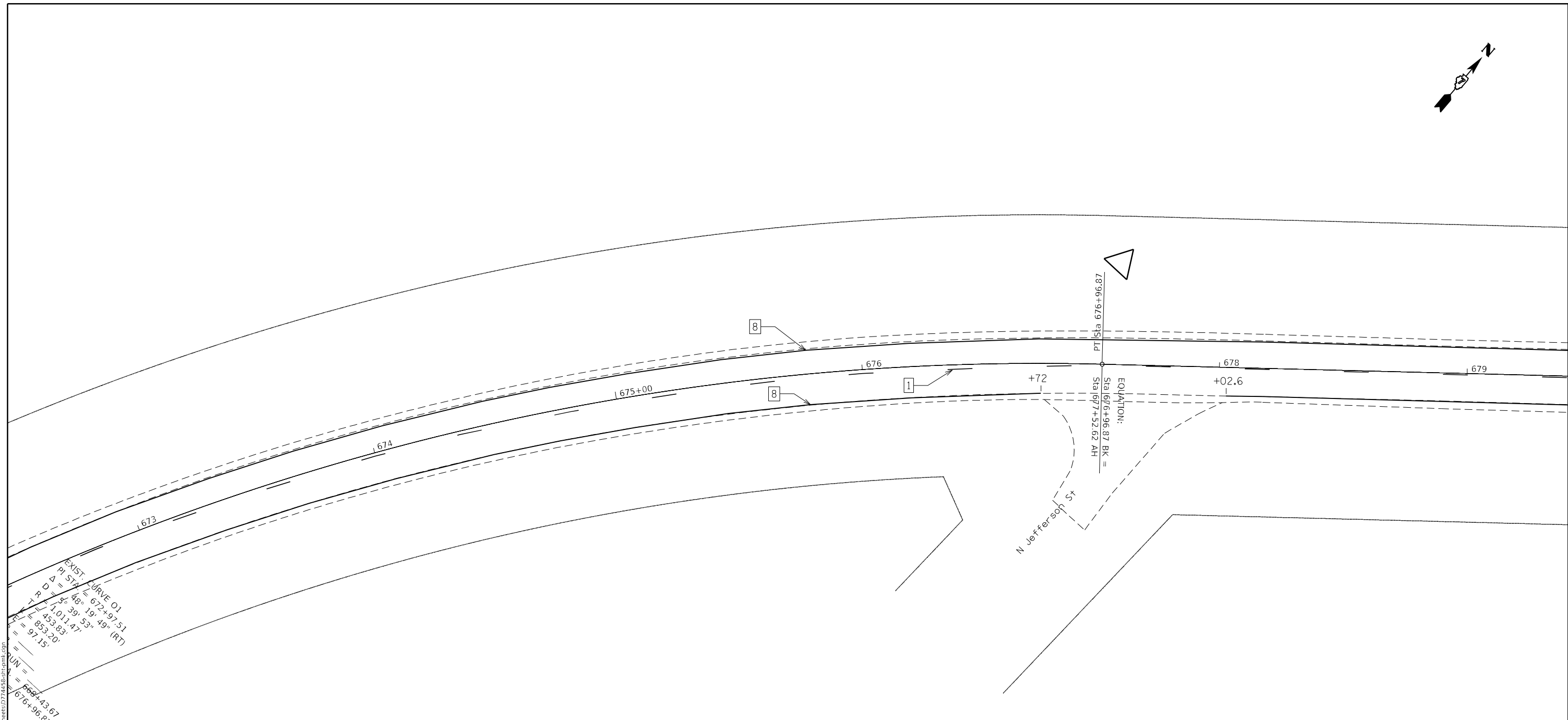
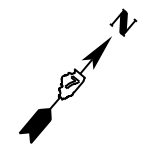
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	DRAWN -	REVISED -
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PLOT DATE = 2/13/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS
 US 51**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	84
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE 01
 PI STA = 672+97.51
 $\Delta = 48^\circ 39' 53"$ (RT)
 $L = 1,011.47'$
 $E = 453.83'$
 $A = 97.15'$
 TUN =
 $668+43.67$
 $676+96.87$

PAVEMENT MARKING LEGEND

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

•SEE DISTRICT STANDARD 78000001 FOR
 DETAILS NOT SHOWN ON THE PLANS

•THERMOPLASTIC PAVEMENT MARKINGS TO
 BE USED THROUGH TOWN AND AT TURN LANES

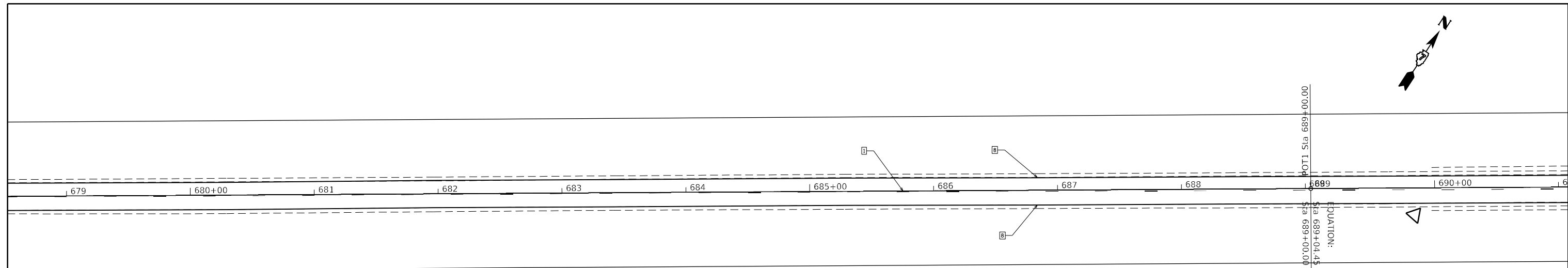
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USER NAME = Mona.Steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2024	DATE -	REVISED -

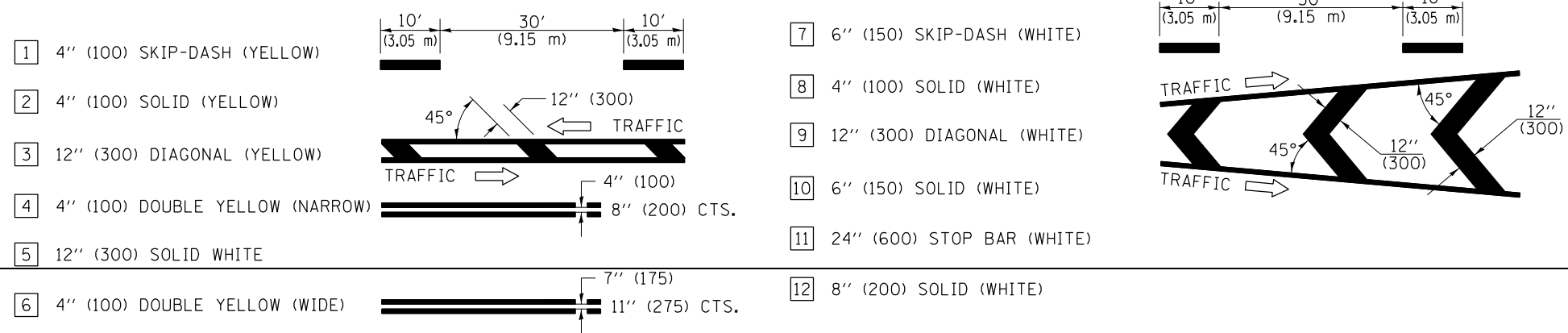
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS			
US 51			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	85
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

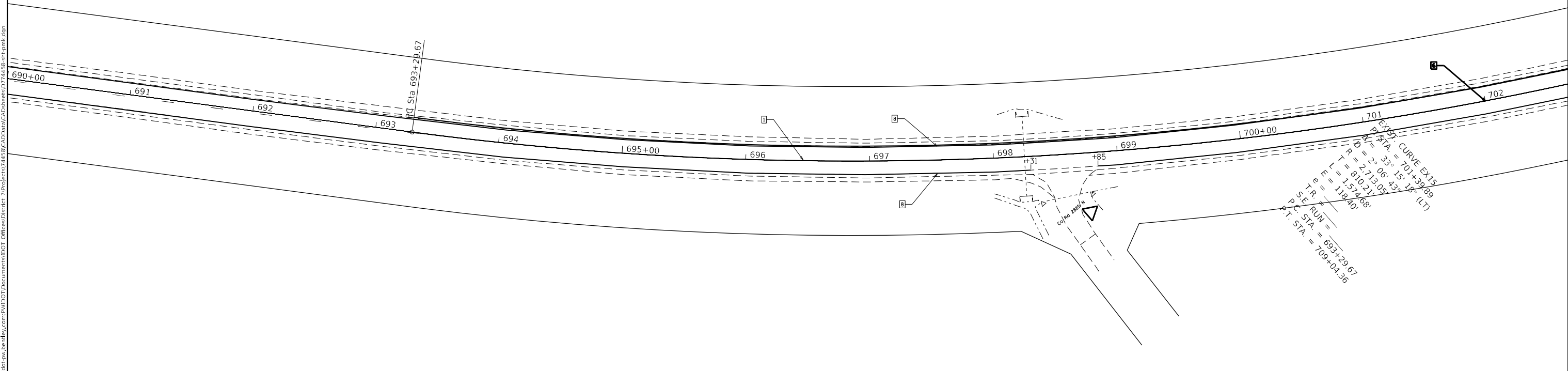


PAVEMENT MARKING LEGEND



*SEE DISTRICT STANDARD 78000001 FOR DETAILS NOT SHOWN ON PLANS

*THERMOPLASTIC PAVEMENT MARKINGS TO BE USED THROUGH TOWN AND AT TURN LANES



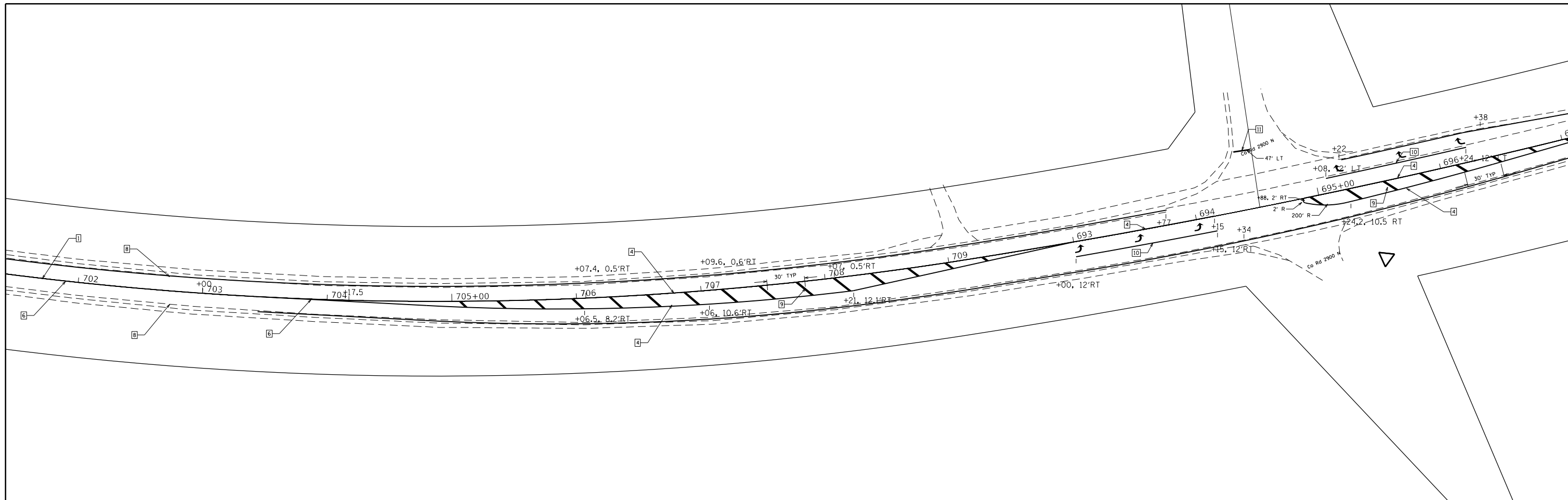
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	DRAWN -	REVISED -
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PLOT DATE = 2/13/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

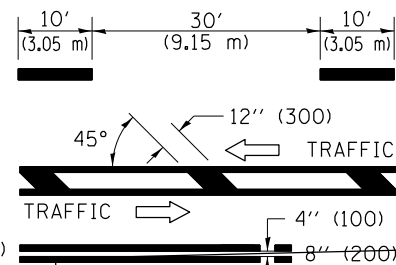
PAVEMENT MARKING DETAILS			
US 51			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

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CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

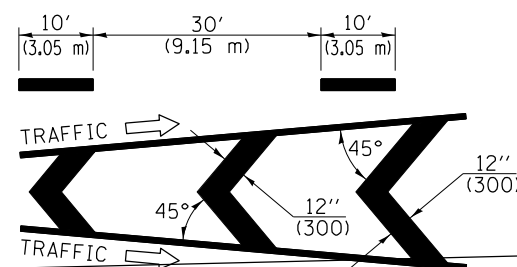


PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 4" (100) DOUBLE YELLOW (WIDE)



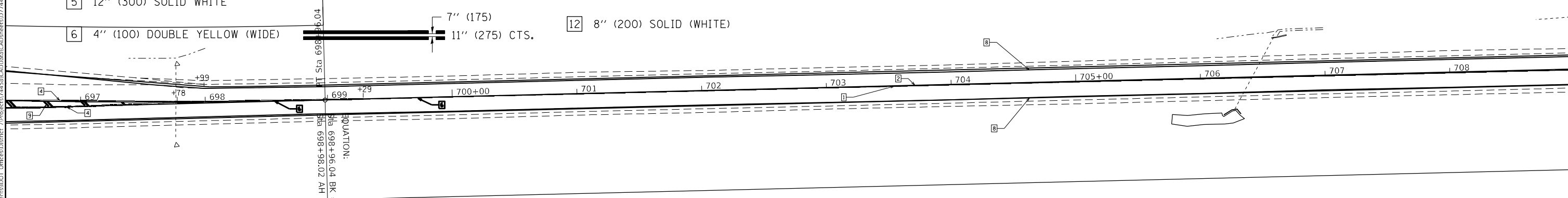
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)



*SEE DISTRICT STANDARD 78000001 FOR DETAILS NOT SHOWN ON PLANS

*THERMOPLASTIC PAVEMENT MARKINGS TO BE USED THROUGH TOWN AND AT TURN LANES

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 SHEET: 102



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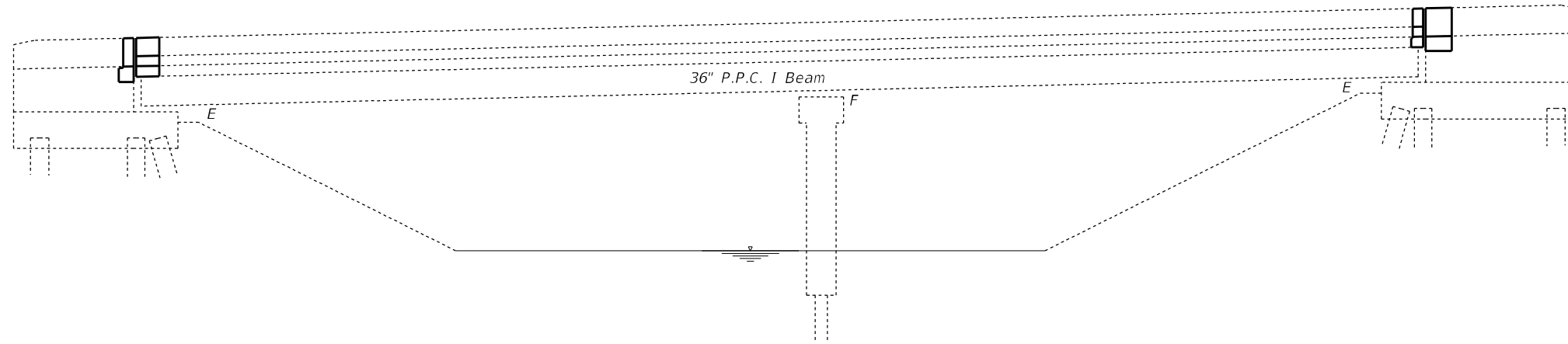
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS
US 51**

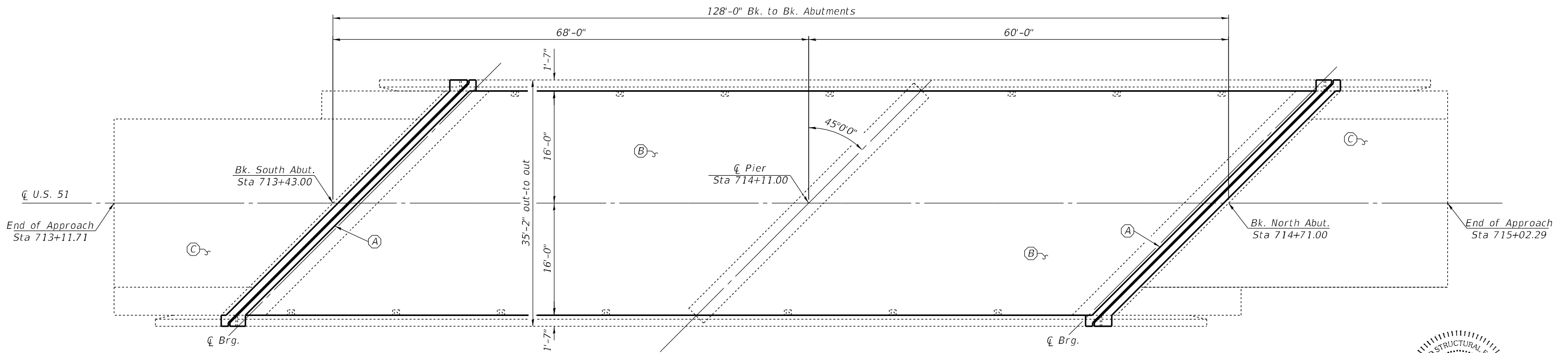
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322	(20RS-4-1), 20RS-3	FAYETTE	102	87
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

SN. 026-0095 carries U.S. Rte 51 (FAP 322) over Ash Creek. The existing two span superstructure with P.P.C I beams was constructed in 1988. The proposed project consists of replacement of the expansion joints with new strip seals, bridge deck scarification, deck & approach patching, and bridge deck overlay.

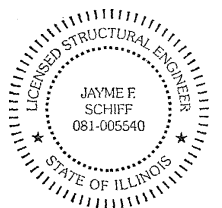


ELEVATION



PLAN

- (A) - Remove Existing Joints and Construct Strip Seal Expansion Joint
- (B) - Bridge Deck Scarification, 3/4", Deck Patching, & Bridge Deck Fly Ash or GGBF Slag Concrete Overlay, 2-1/4
- (C) - Approach Patching



EXPIRES 11-30-2024

Jayme F. Schiff

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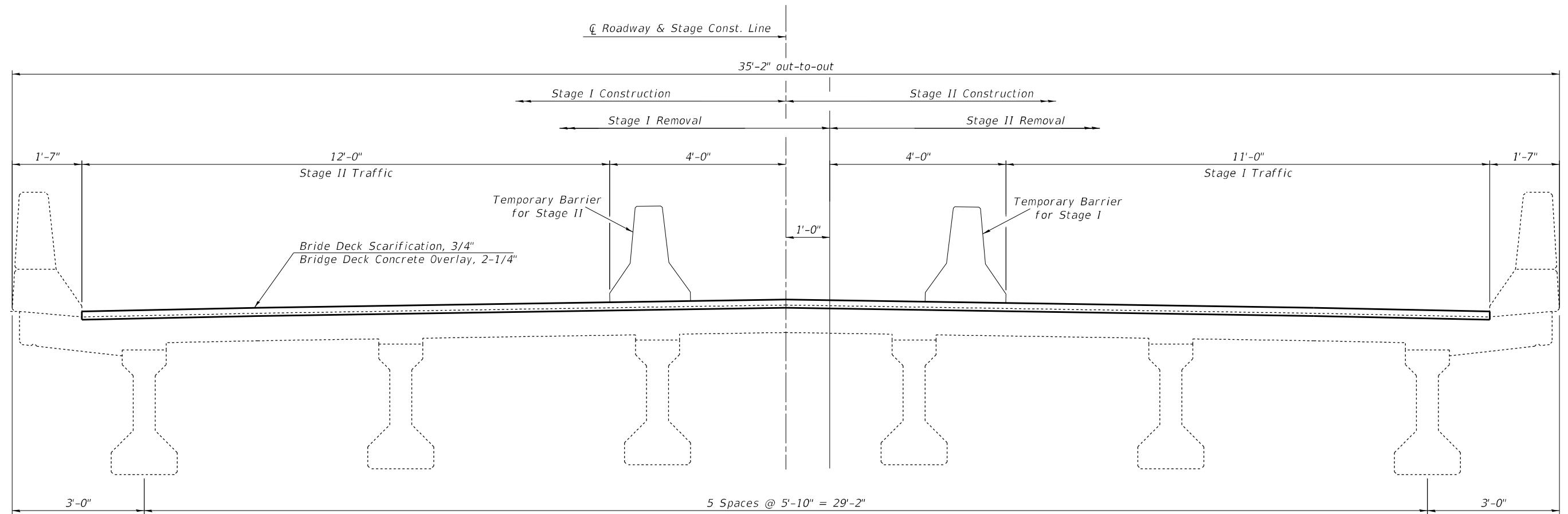
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PLOT DATE = 2/9/2024	DATE - April 2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN & ELEVATION
S.N. 026-0095**

SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	88
CONTRACT NO. 74458				
ILLINOIS		FED. AID PROJECT		



STAGE CONSTRUCTION DETAIL
Looking North

GENERAL NOTES

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

Reinforcement Bars designated (E) shall be epoxy coated.

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

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

Protective Coat to be applied to areas of new concrete only, including bridge deck concrete overlay.

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

Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on as-built plans.

The Contractor shall use extreme care during removal so as not to damage the PPC I-Beams.

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	9.5
Concrete Superstructure	Cu. Yd.	10.2
Reinforcement Bars, Epoxy Coated	Pound	1,280
Bar Splicers	Each	12
Bridge Deck Grooving	Sq. Yd.	413
Bridge Deck Scarification, 3/4"	Sq. Yd.	431
Bridge Deck Fly Ash or GGBF Slag Concrete Overlay, 2-1/4"	Sq. Yd.	431
Preformed Joint Strip Seal	Foot	95
Protective Coat	Sq. Yd.	457
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	2.0
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	2.0
Approach Slab Repair (Partial Depth)	Sq. Yd.	3.9

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	DATE - April 2021	REVISED -

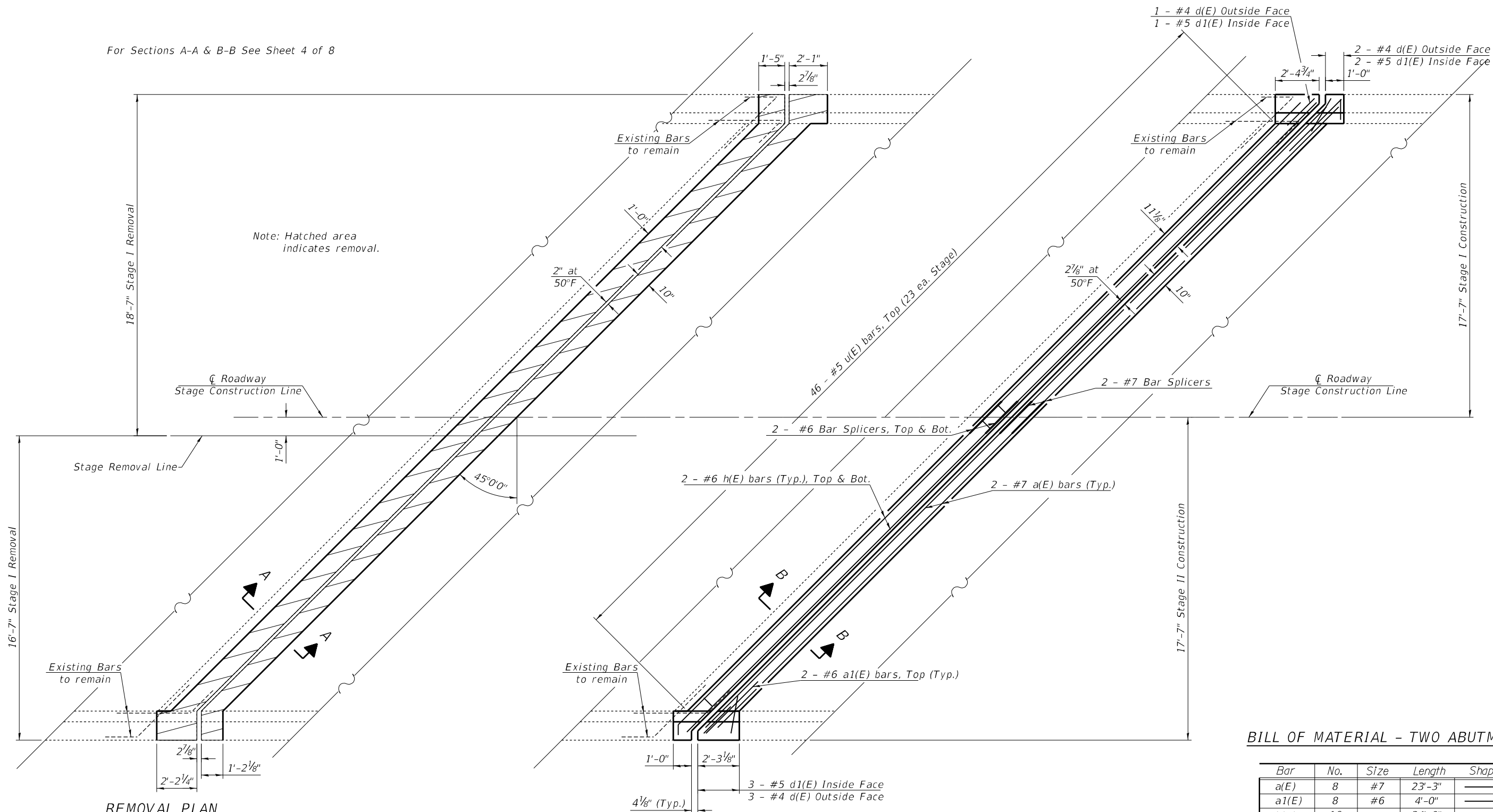
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE CONSTRUCTION, GENERAL NOTES, &
BILL OF MATERIALS S.N. 026-0095**

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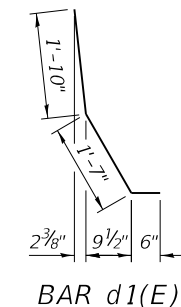
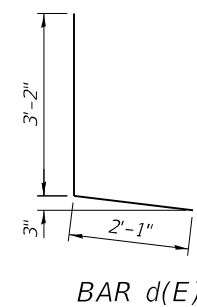
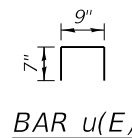
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322	(20RS-4-1), 20RS-3	FAYETTE	102	89
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

For Sections A-A & B-B See Sheet 4 of 8



REMOVAL PLAN
South Abutment Shown
North Abutment Similar by Rotation

REINFORCEMENT PLAN
South Abutment Shown
North Abutment Similar by Rotation



BILL OF MATERIAL - TWO ABUTMENTS

Bar	No.	Size	Length	Shape	
a(E)	8	#7	23'-3"	—	
a1(E)	8	#6	4'-0"	—	
h(E)	16	#6	24'-0"	—	
d(E)	12	#4	5'-3"	J	
d1(E)	12	#5	3'-11"	J	
u(E)	92	#5	1'-11"	U	
ITEM				UNIT	QUANTITY
Concrete Removal				Cu. Yd.	9.5
Concrete Superstructure				Cu. Yd.	10.2
Reinforcement Bars, Epoxy Coated				Pound	1,280
Bar Splicers				Each	12

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	DATE - April 2021	REVISED -

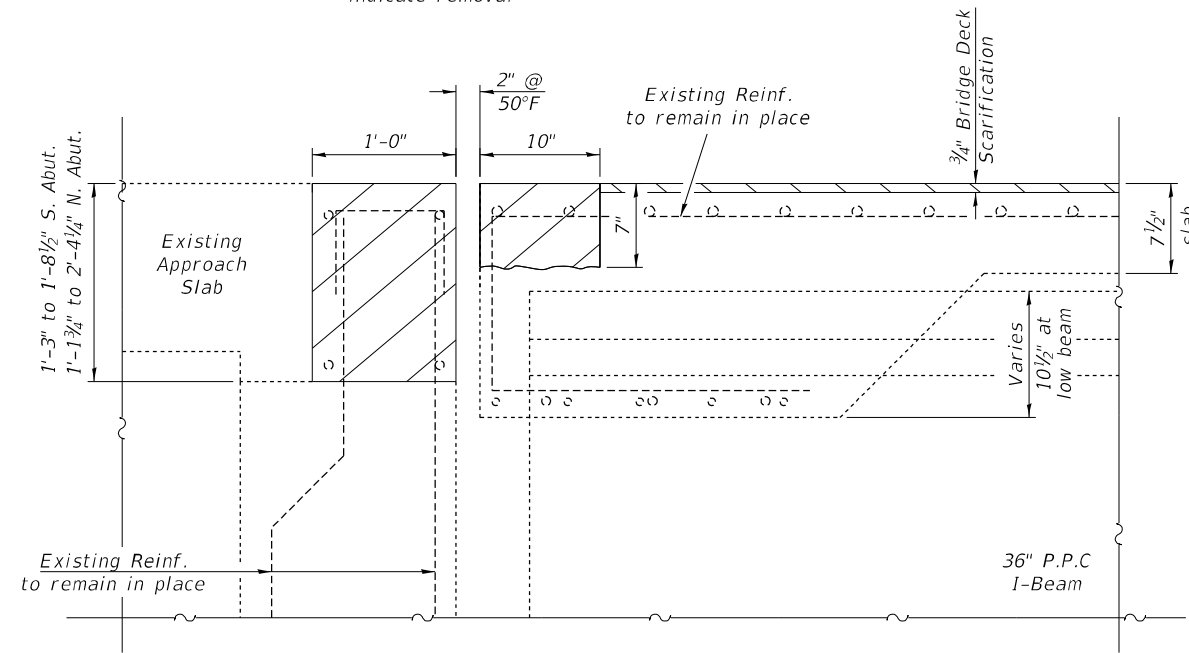
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXPANSION JOINT REPLACEMENT DETAILS
S.N. 026-0095**

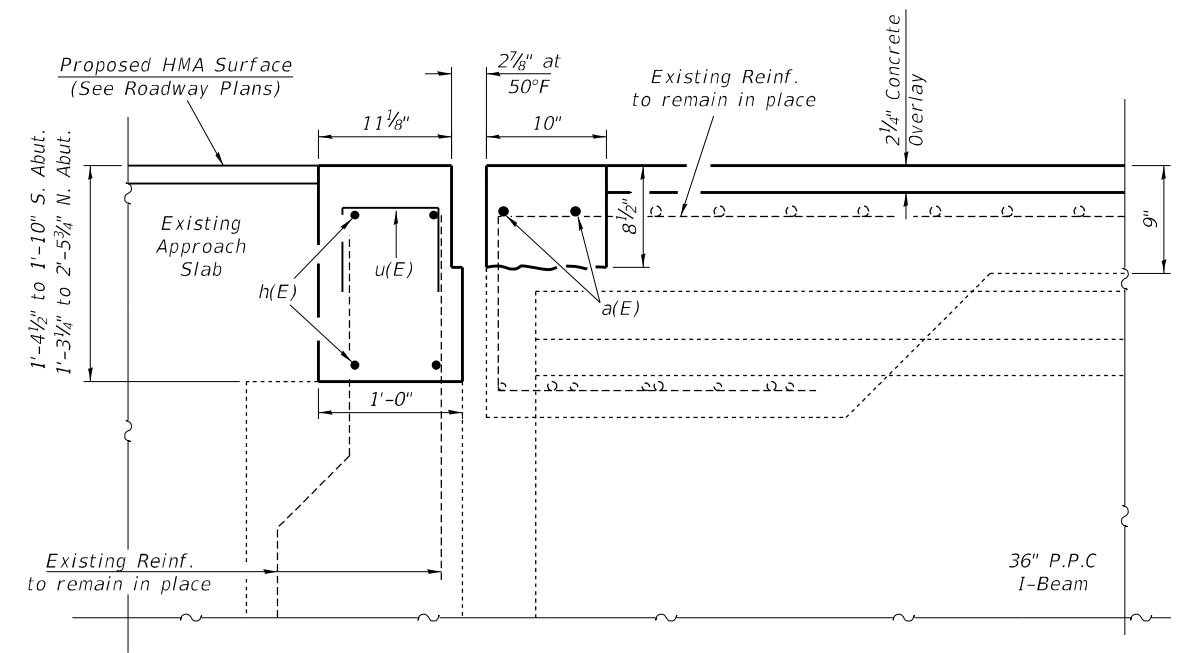
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CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

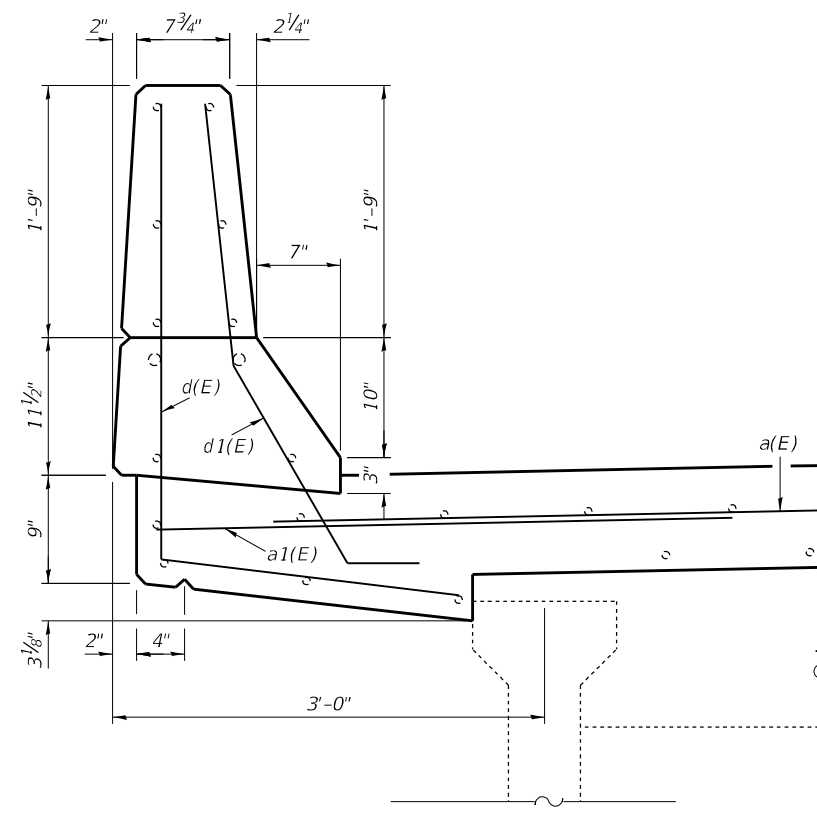
Note: Hatched areas indicate removal



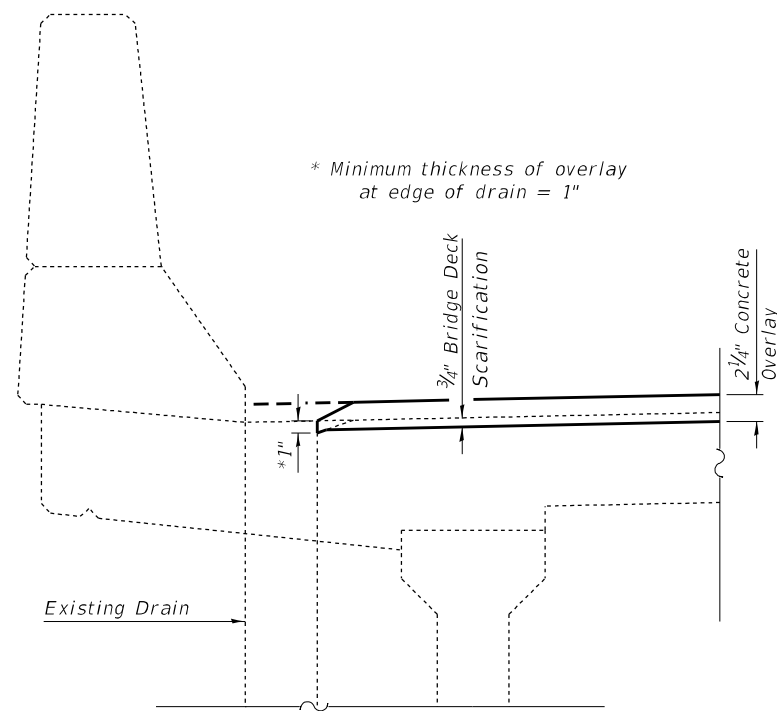
SECTION A-A



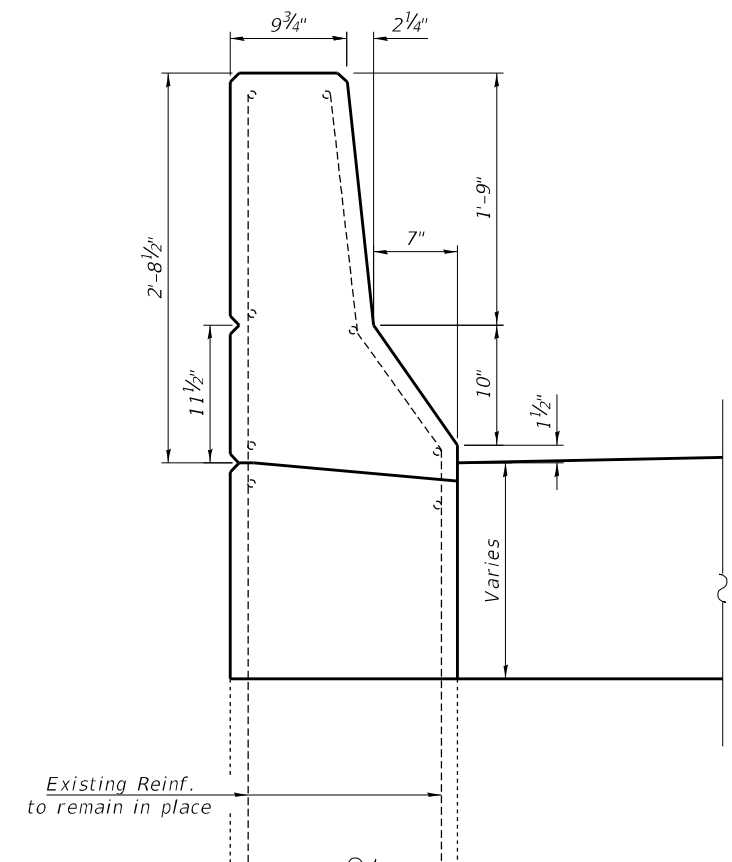
SECTION B-B



SECTION THRU DECK PARAPET



FLOOR DRAIN PRESERVATION



SECTION THRU APPROACH PARAPET

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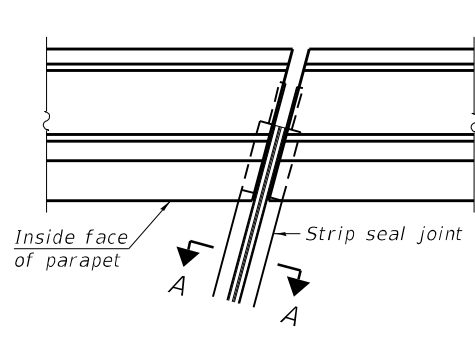
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PLOT DATE = 2/9/2024	DATE - April 2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

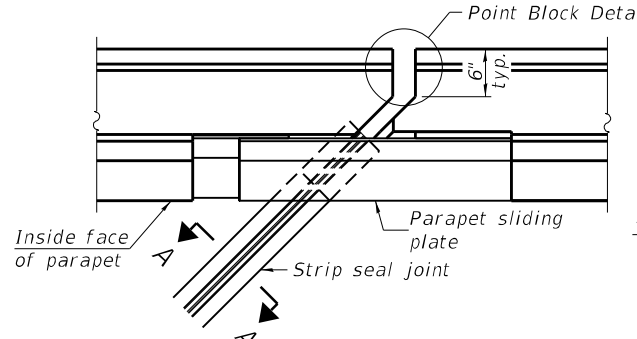
EXPANSION JOINT REPLACEMENT DETAILS
S.N. 026-0095

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CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

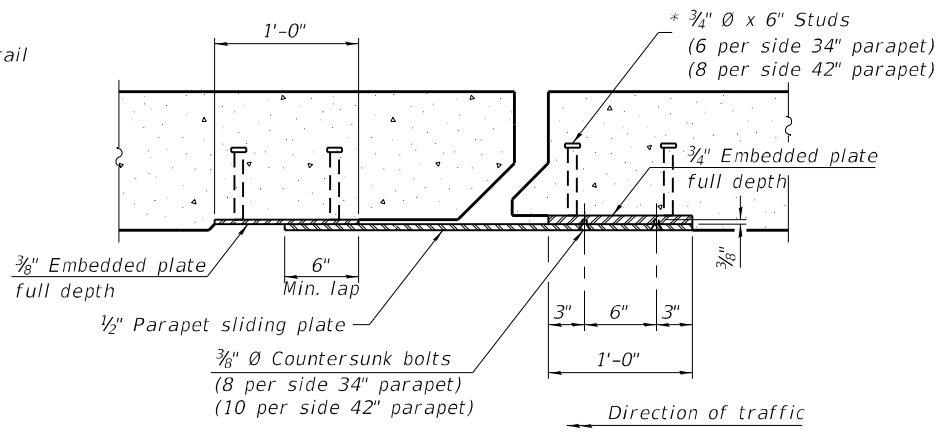


FOR SKEWS $\leq 30^\circ$



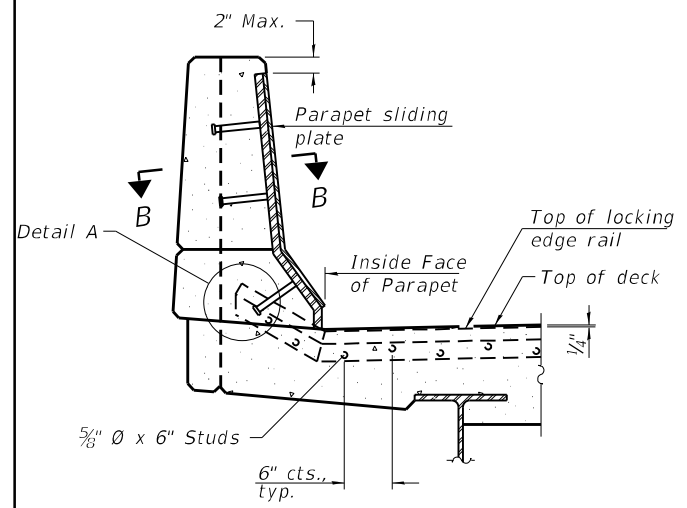
FOR SKEWS $> 30^\circ$

PLAN AT PARAPET



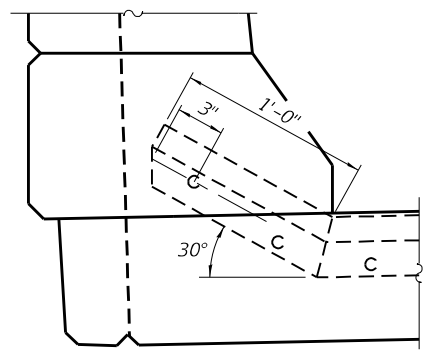
SECTION B-B

Notes:
 The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.
 The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4 1/2" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.
 The manufacturer's recommended installation methods shall be followed.
 All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.
 The Maximum space between locking edge rail segments shall be 3/16" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.

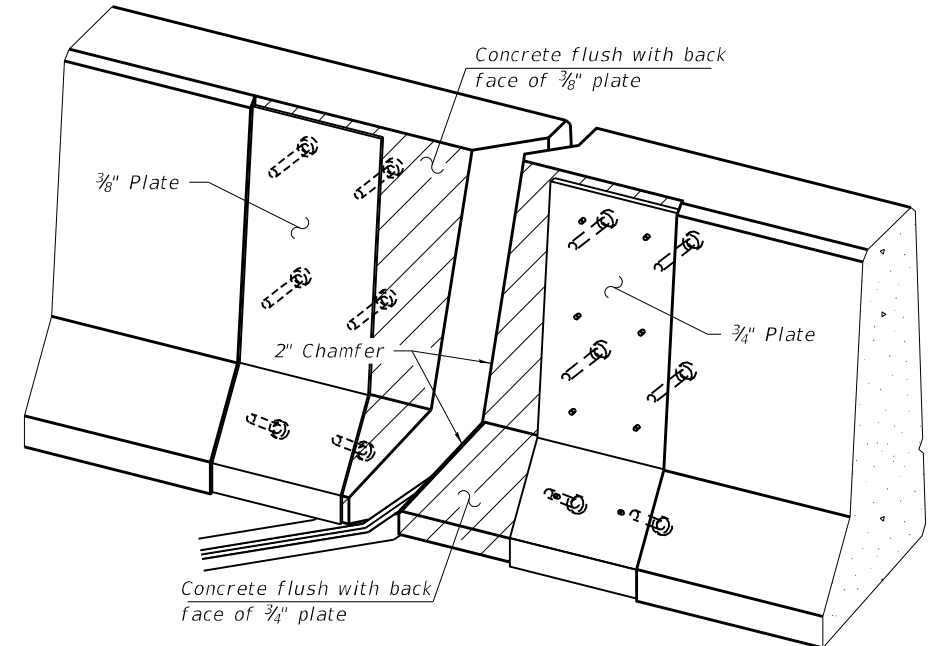


ELEVATION AT PARAPET

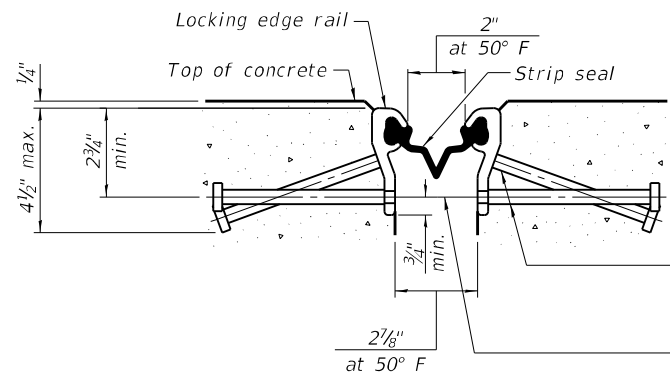
(Skews $> 30^\circ$ shown. Skews $\leq 30^\circ$ similar except as shown in plan view.)



DETAIL A



TRIMETRIC VIEW
(Showing embedded plates only)



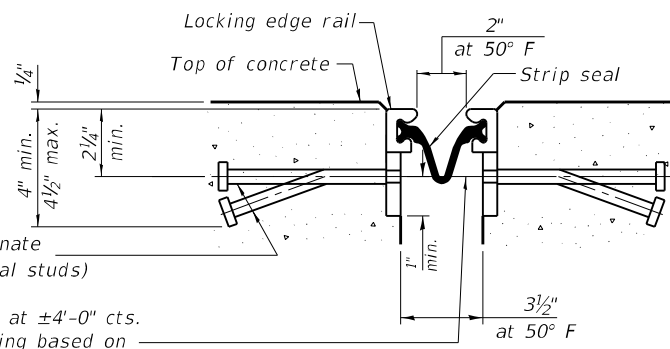
SHOWING ROLLED RAIL JOINT

* 5/8" Ø x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)

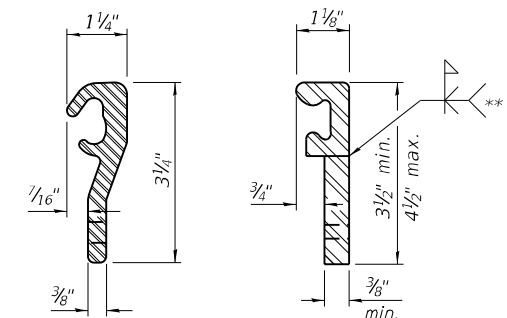
3/8" Ø threaded rods in 7/16" Ø holes at ±4'-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

SECTION A-A

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

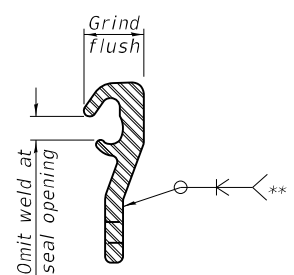


SHOWING WELDED RAIL JOINT



LOCKING EDGE RAILS

** Back gouge not required if complete joint penetration is verified by mock-up.



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	95

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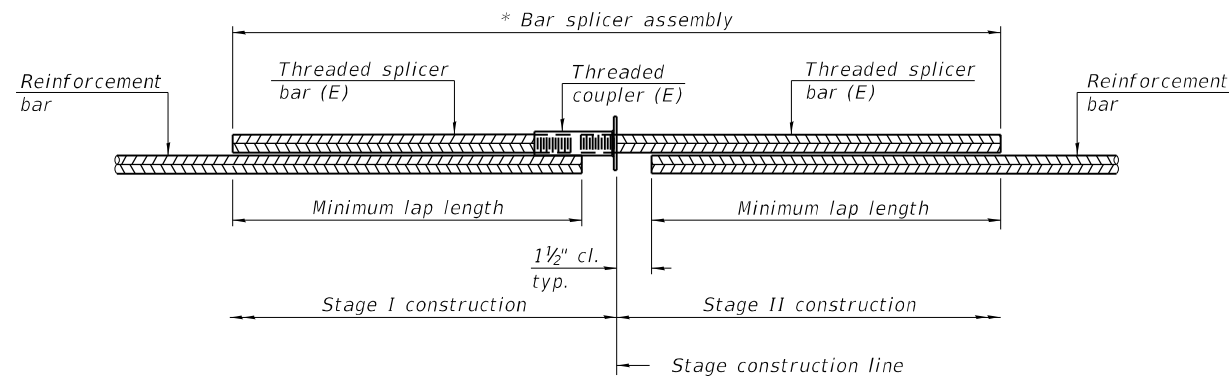
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	DATE - April 2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PREFORMED JOINT STRIP SEAL
S.N. 026-0095**

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 322	SECTION (20RS-4-1), 20RS-3	COUNTY FAYETTE	TOTAL SHEETS 102	SHEET NO. 92
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74458	

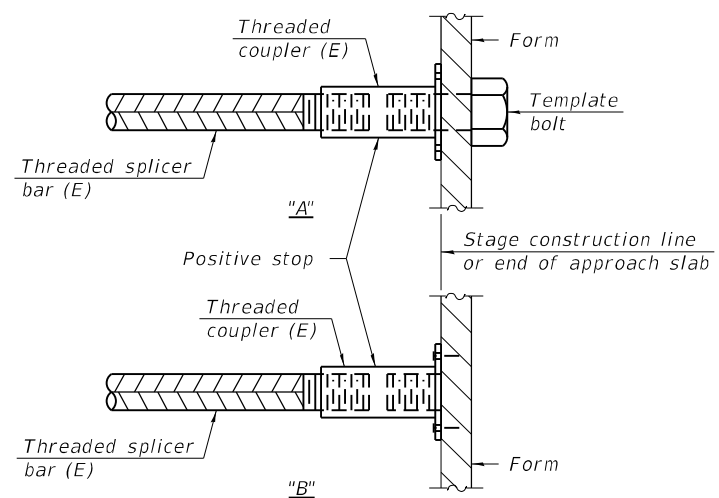


STANDARD BAR SPLICER ASSEMBLY PLAN
 (All components shall be provided from one supplier)

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Deck	#7	4	4-8"
Approach	#6	8	4'-0"

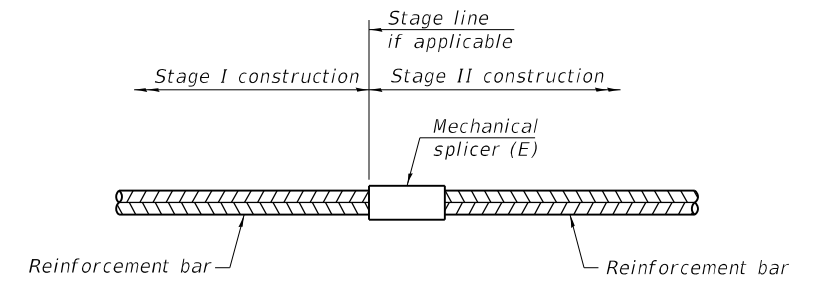


INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.

"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

Notes:

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

All reinforcement shall be lapped and tied to the splicer bars.

Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.

See approved list of bar splicer assemblies and mechanical splicers for alternatives.

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BSD-1

1-1-2020

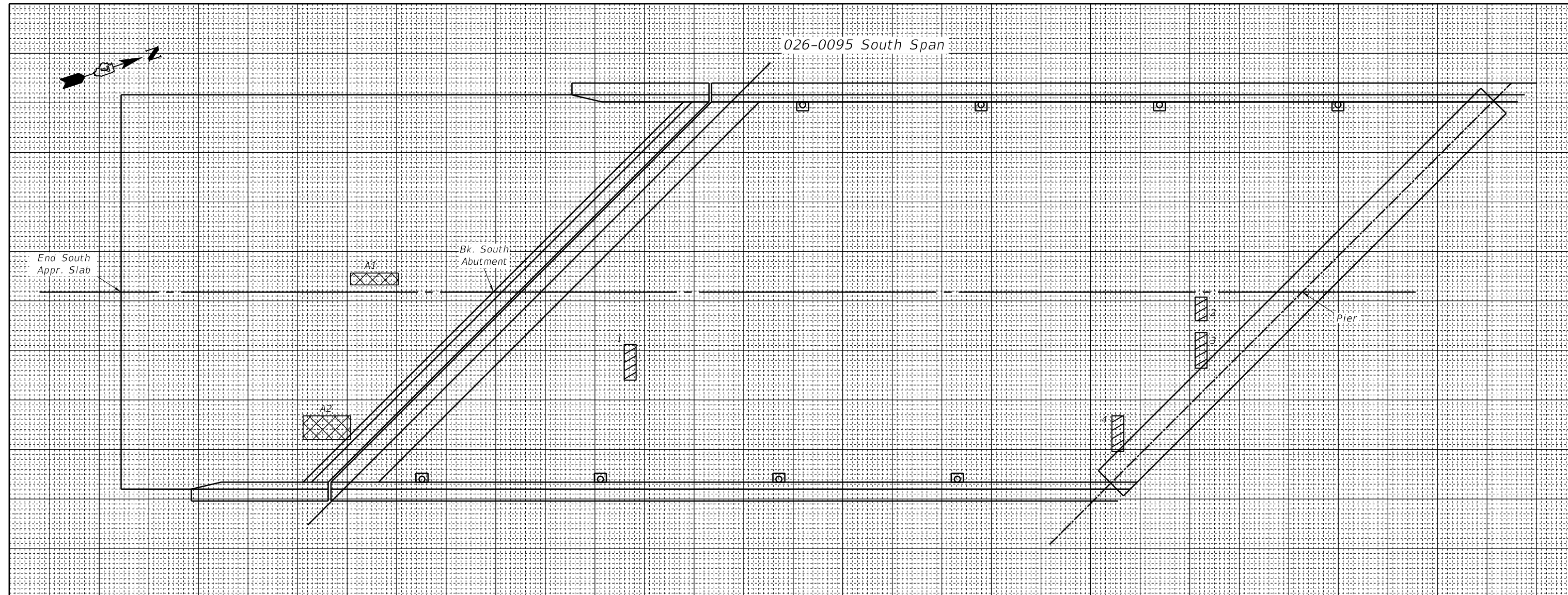
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PLOT DATE = 2/9/2024	DATE - April 2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
S.N. 026-0095

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

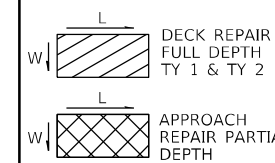
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322	(20RS-4-1), 20RS-3	FAYETTE	102	93
CONTRACT NO. 74458			ILLINOIS FED. AID PROJECT	



PATCH NO.	SIZE		DECK SLAB REPAIR (FD TY I)	DECK SLAB REPAIR (FD TY II)
	LENGTH	WIDTH	SQ YD	SQ YD
1	1.0	3.0	0.3	
2	1.0	2.0	0.2	
3	1.0	3.0	0.3	
4	1.0	3.0	0.3	
TOTALS			1.2	0
ROUND UP			2.0	0

PATCH NO.	SIZE		APPROACH SLAB REPAIR (PARTIAL DEPTH)
	LENGTH	WIDTH	SQ YD
A1	4.0	1.0	0.4
A2	4.0	2.0	0.9
TOTALS			1.3

THE LOCATIONS AND SIZES SHOWN GRAPHICALLY ABOVE ARE APPROXIMATE. SEE THIS TABLE FOR ACTUAL SIZES.



DATE OF SURVEY: 5-13-2021
 SURVEY BY: DPM & TMW
 METHOD OF SURVEY: VISUAL

ESTIMATED PAY QUANTITIES:

DECK SLAB REPAIR (FULL DEPTH TYPE I)
 2.0 SQ YD

DECK SLAB REPAIR (FULL DEPTH TYPE II)
 0 SQ YD

APPROACH SLAB REPAIR (PARTIAL DEPTH)
 1.3 SQ YD

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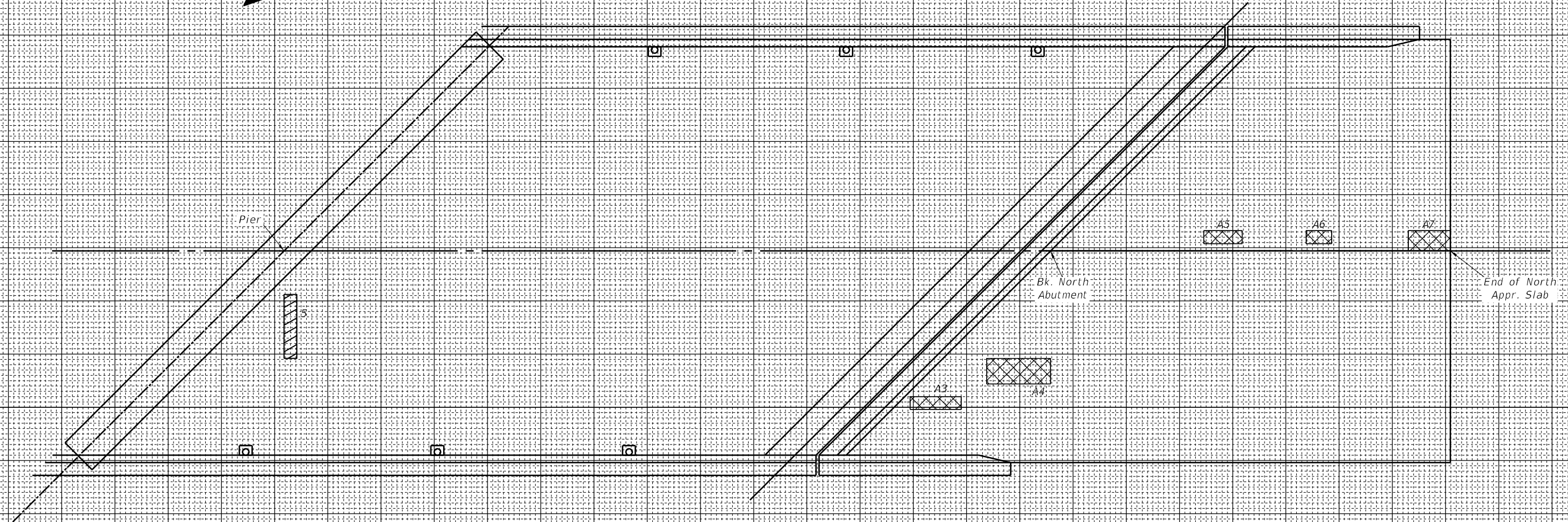
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BRIDGE DECK & APPROACH PATCHING, SOUTH SPAN
 SN. 026-0095

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	94
CONTRACT NO. 74458			ILLINOIS FED. AID PROJECT	

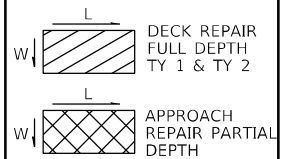
026-0095 North Span



PATCH NO.	SIZE		DECK SLAB REPAIR (FD TY I)	DECK SLAB REPAIR (FD TY II)
	LENGTH	WIDTH	SQ YD	SQ YD
5	1.0	5.0		0.6
TOTALS			0	0.6
ROUND UP			0	2.0

PATCH NO.	SIZE		APPROACH SLAB REPAIR (PARTIAL DEPTH)
	LENGTH	WIDTH	SQ YD
A3	4.0	1.0	0.4
A4	5.0	2.0	1.0
A5	1.0	3.0	0.3
A6	1.0	2.0	0.2
A7	1.5	3.0	0.5
TOTALS			2.6

THE LOCATIONS AND SIZES SHOWN GRAPHICALLY ABOVE ARE APPROXIMATE. SEE THIS TABLE FOR ACTUAL SIZES.



DATE OF SURVEY: 5-13-2021
 SURVEY BY: DPM & TMW
 METHOD OF SURVEY: VISUAL

ESTIMATED PAY QUANTITIES:

DECK SLAB REPAIR (FULL DEPTH TYPE I)
 0 SQ YD

DECK SLAB REPAIR (FULL DEPTH TYPE II)
 2.0 SQ YD

APPROACH SLAB REPAIR (PARTIAL DEPTH)
 2.6 SQ YD

MODEL: SMOBELNAMES
 FILE NAME: SPLIT5

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	DRAWN - T. Walk	REVISED -
PLOT SCALE = \$SCALES	CHECKED - D. Macklin	REVISED -
PLOT DATE = \$DATES	DATE - April 2021	REVISED -

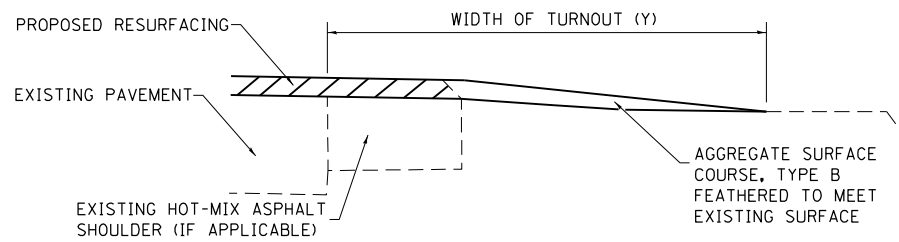
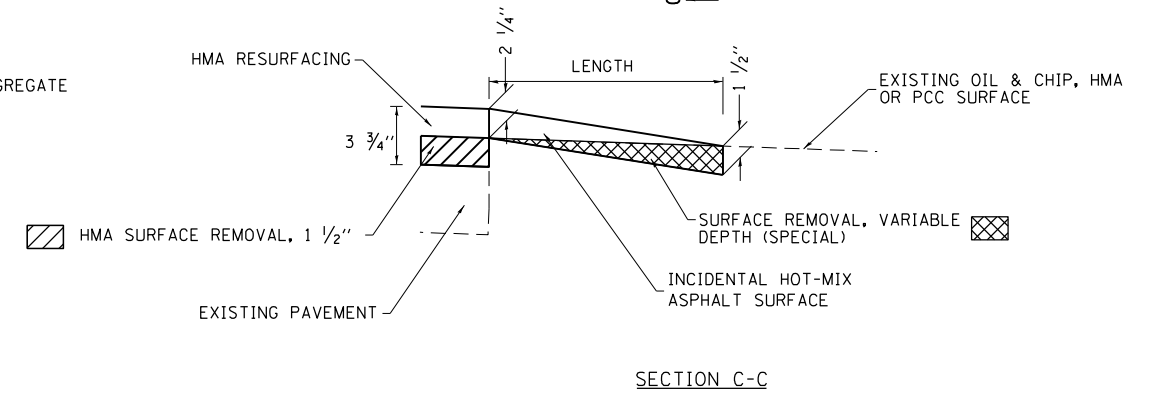
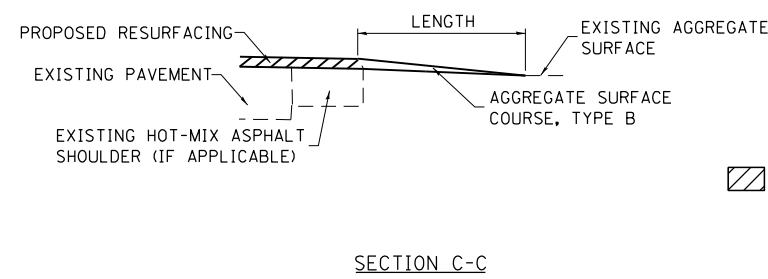
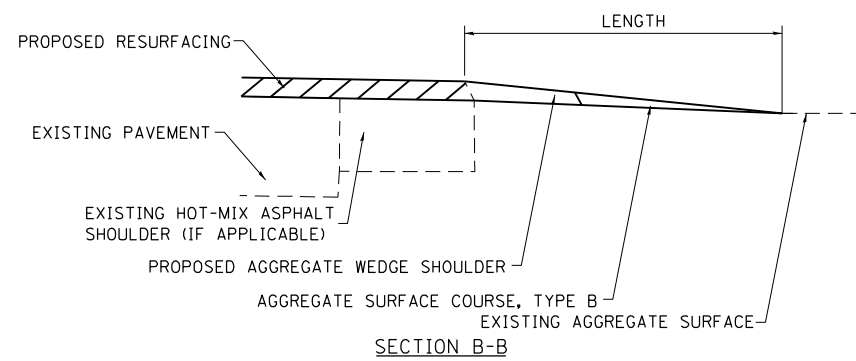
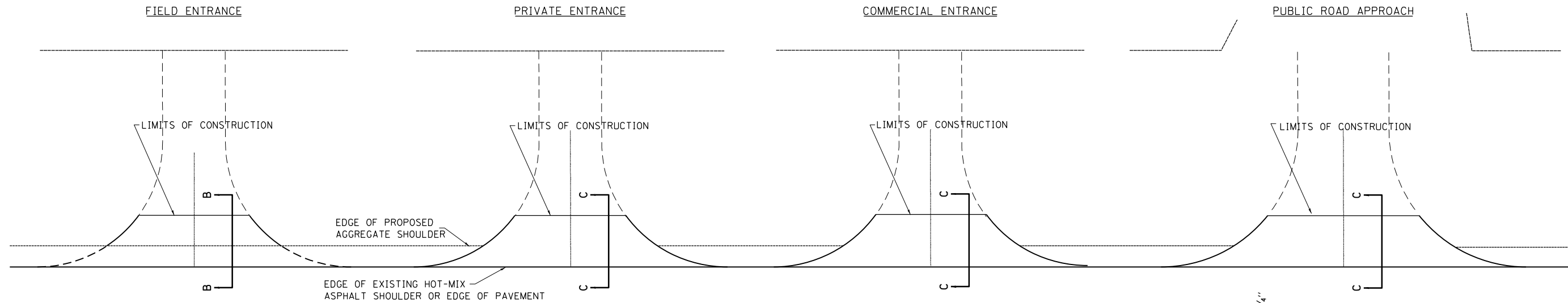
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BRIDGE DECK & APPROACH PATCHING, NORTH SPAN
 SN. 026-0095

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	95
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

BRIDGE DECK PATCHING



TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS

NOTES

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

THE COST OF THE BITUMINOUS MATERIALS (TACK COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

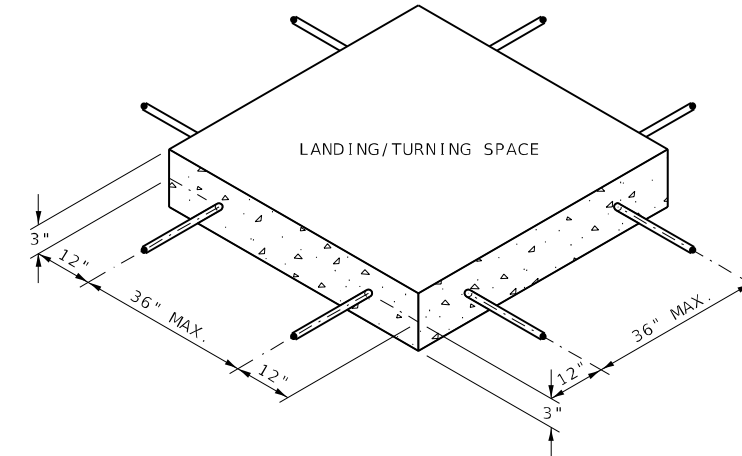
**RURAL ENTRANCE AND MAILBOX TURNOUT DETAILS
WITH SHOULDERS**

SCALE: SHEET 1 OF SHEETS STA. TO STA.

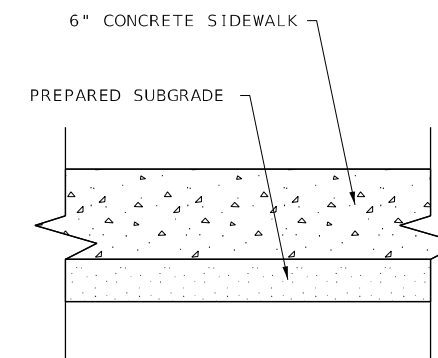
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	96
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74458	

MODEL: Default
 FILE: Mailbox_turnout.dwg
 PROJECT: 74458
 SHEET: 102
 DATE: 2/9/2024

NOTE: TIE BARS SHALL BE OMITTED BETWEEN PROPOSED LANDING/TURNING SPACES AND PROPOSED TRANSITIONAL SEGMENTS.



SIDEWALK REINFORCEMENT



TYPICAL SIDEWALK SECTION WITHIN INTERSECTION CORNER

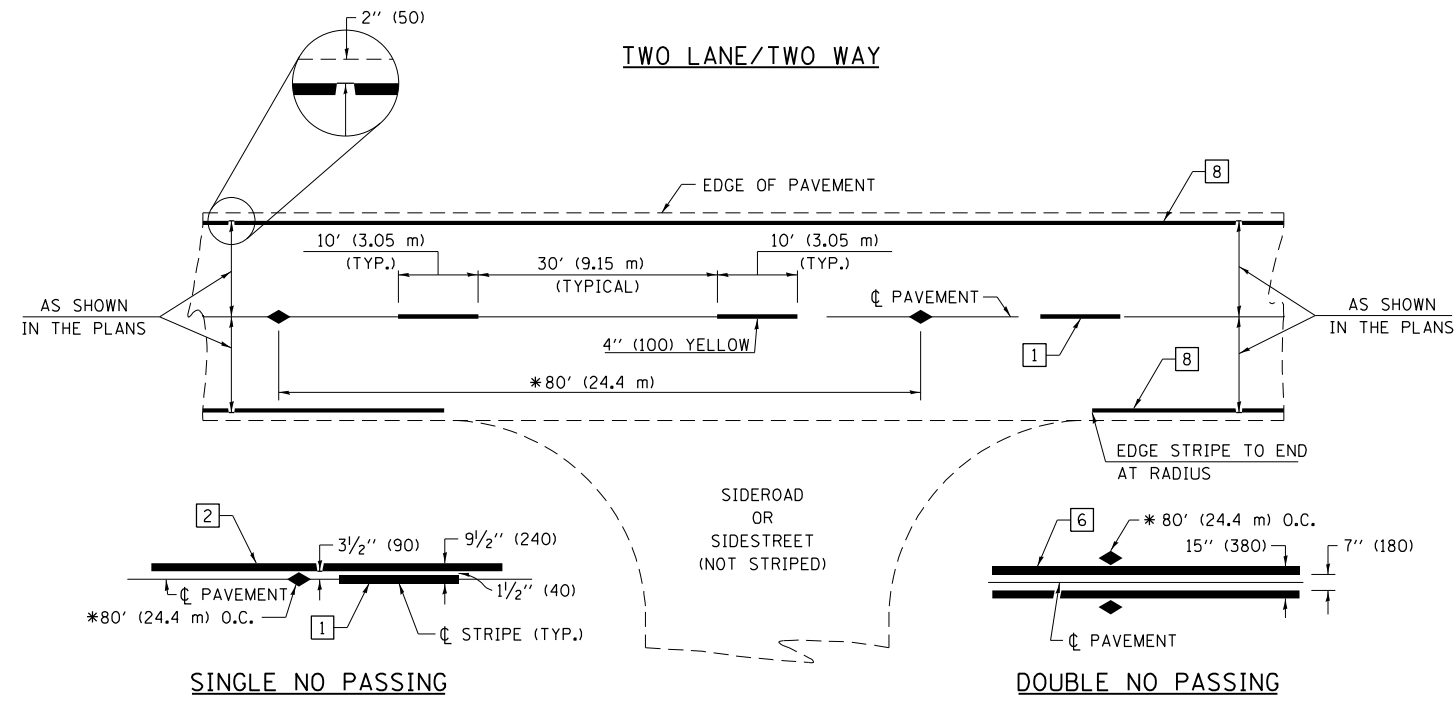
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

JOB DETAILS

SCALE: NA SHEET NO. 1 OF SHEETS STA. TO STA.

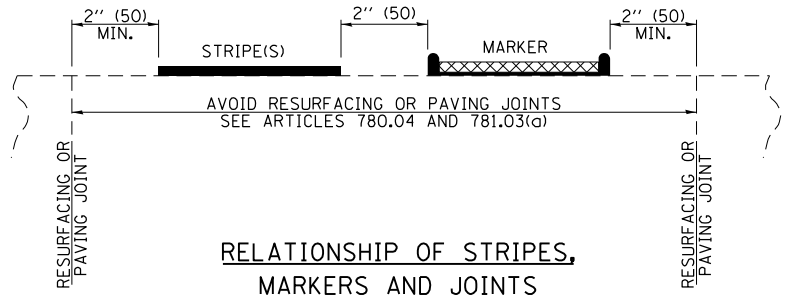
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	97
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				



* 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

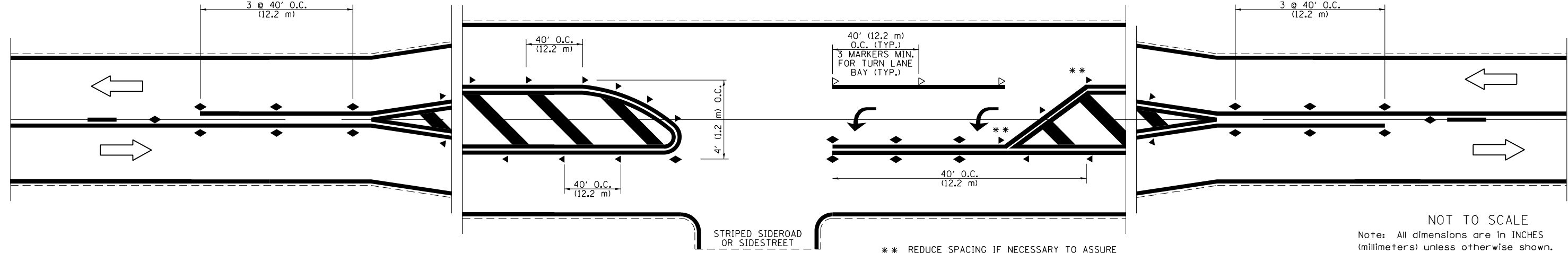
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 4" (100) DOUBLE YELLOW (WIDE)
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)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



TYPICAL PAVEMENT MARKERS LEGEND

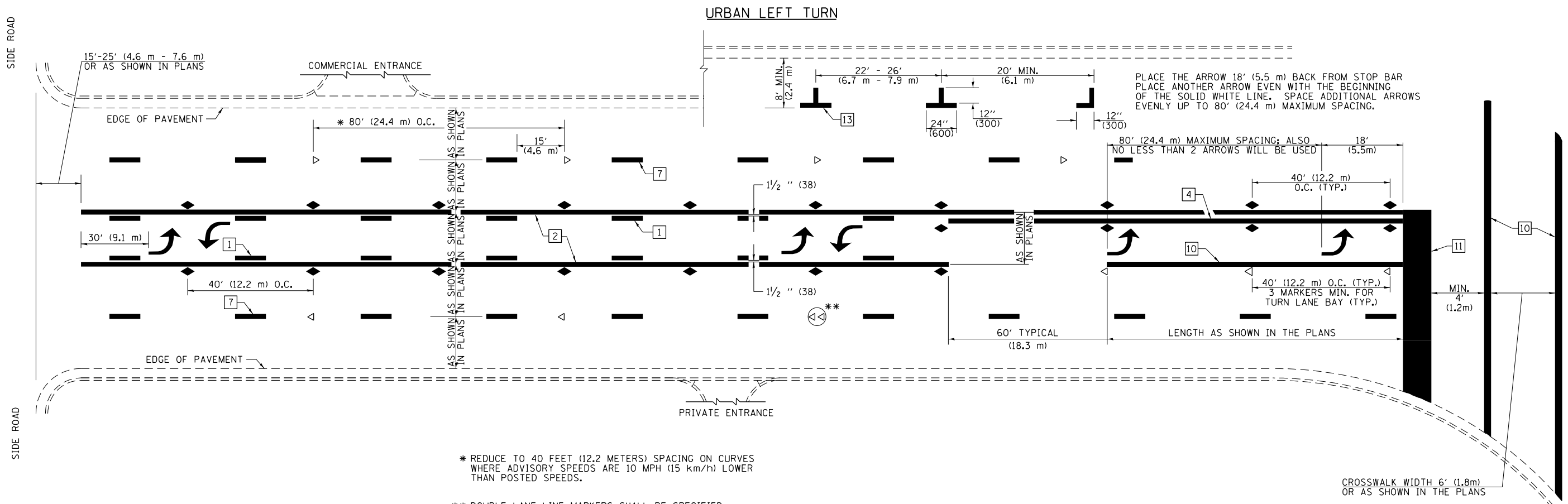
- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RAISED REFLECTIVE PAVEMENT MARKERS



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

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



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

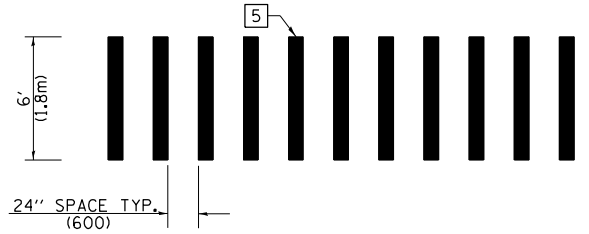
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

PAVEMENT MARKING LEGEND

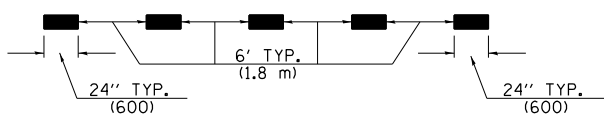
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 4" (100) DOUBLE YELLOW (WIDE)
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)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

GENERAL NOTES

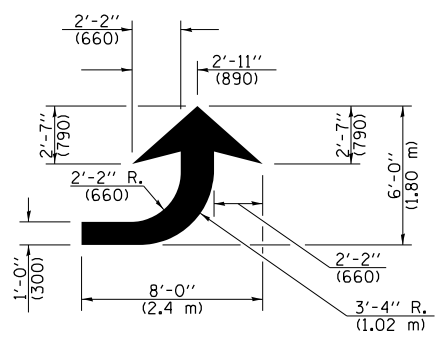
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT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



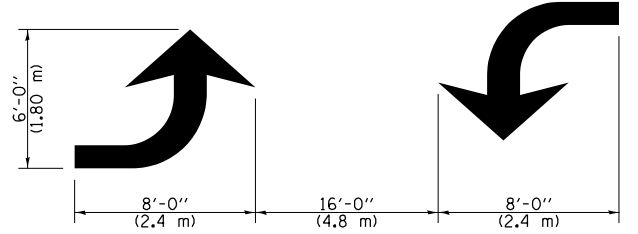
**CROSSWALK DETAIL
(DECATUR CITY LIMITS ONLY)**



LANE LINE EXTENSIONS



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



**TYPICAL DOUBLE
TURN ARROWS (WHITE)**

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = monasteffen	DESIGNED -	REVISED - NAS 06/22
pw:\idot-pw\bentley.com\PWIDOT\Documents\IDOT Offices\District 7\Projects\74458\CADD\Drawings\74458-shd-details.dgn		CHECKED -	REVISED -
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PLOT DATE = 2/9/2024			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

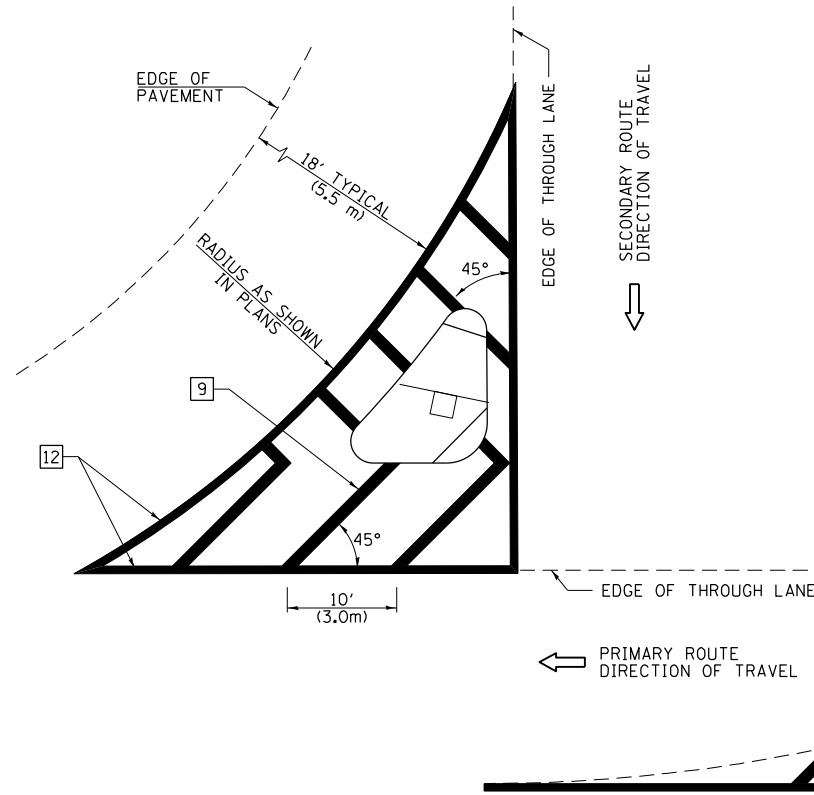
**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(2ORS-4-1), 2ORS-3	FAYETTE	102	99
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

ISLANDS

OPTION 1

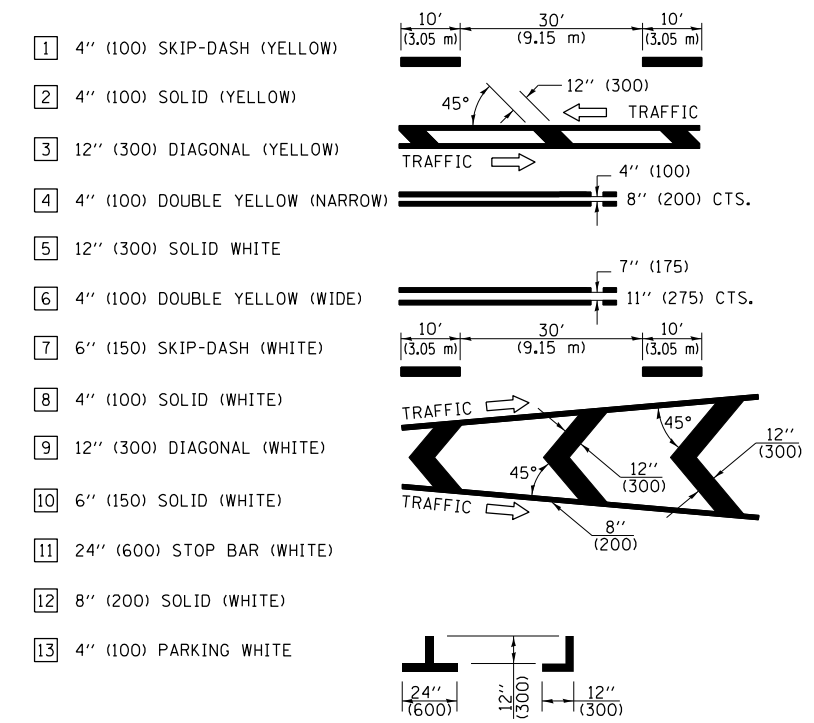


GENERAL NOTES

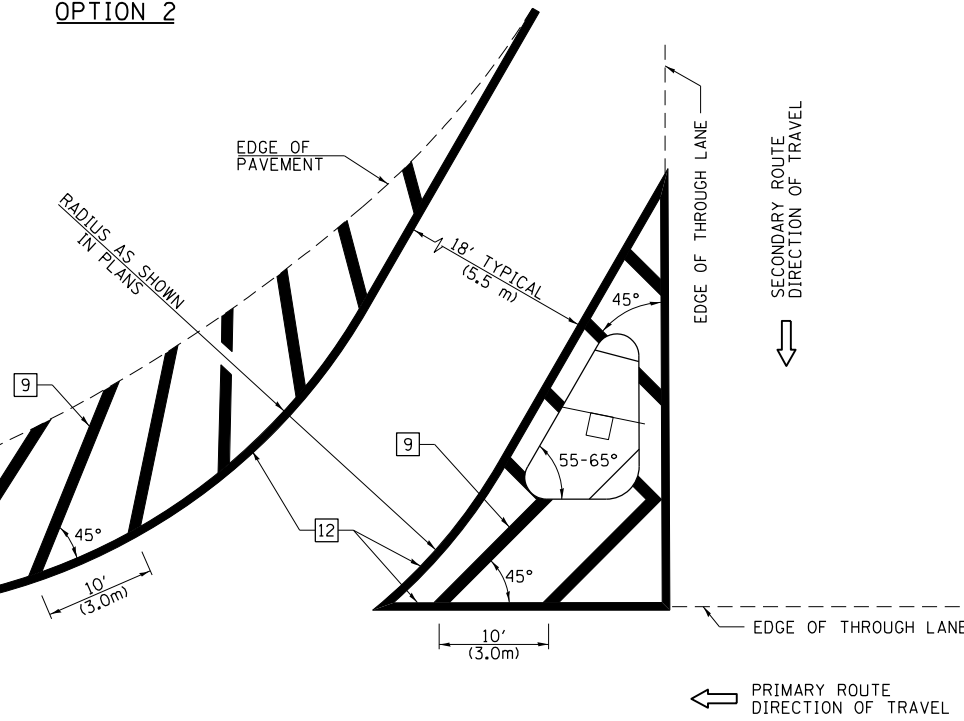
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2].
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED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

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

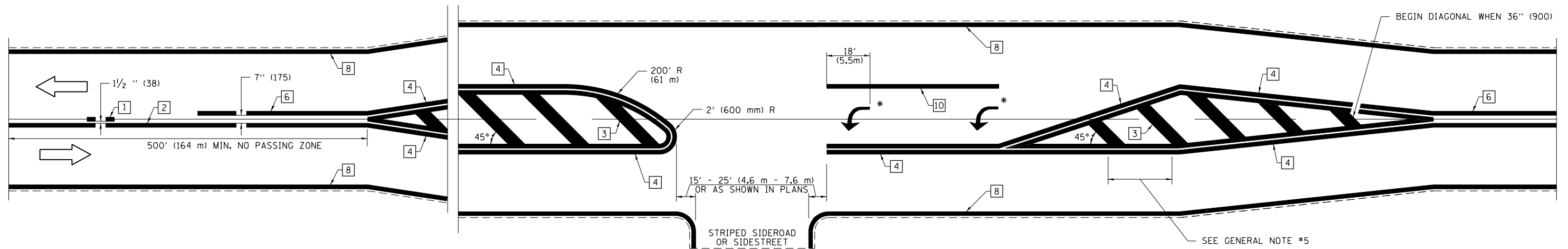
PAVEMENT MARKING LEGEND



OPTION 2



RURAL LEFT TURN STRIPING



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

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = mono.steffen	DESIGNED -	REVISED - NAS 06/22
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		DATE -	REVISED -

**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.

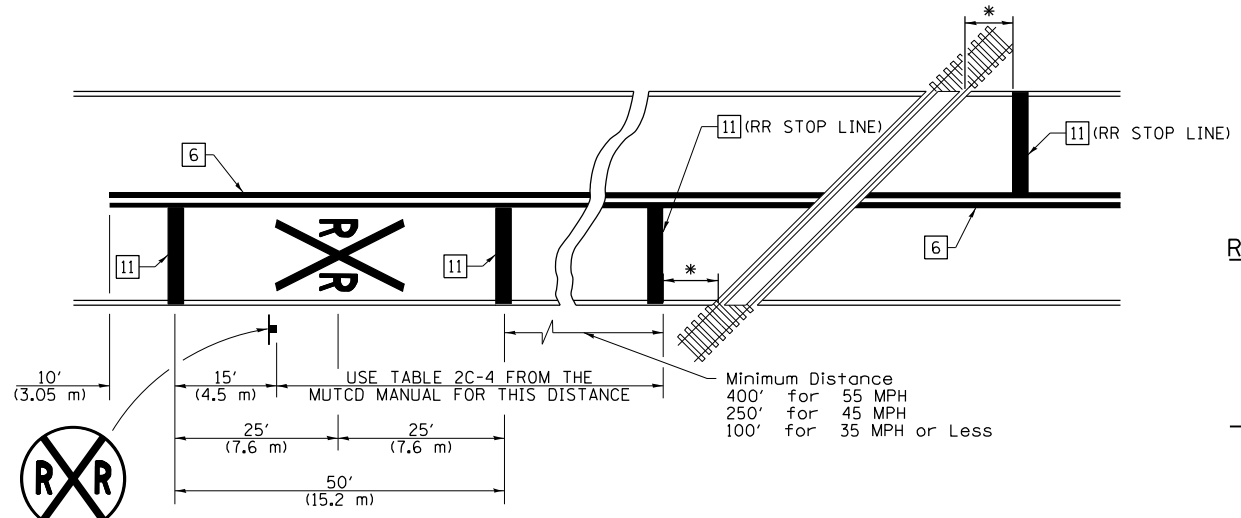
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(2ORS-4-1), 2ORS-3	FAYETTE	102	100
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

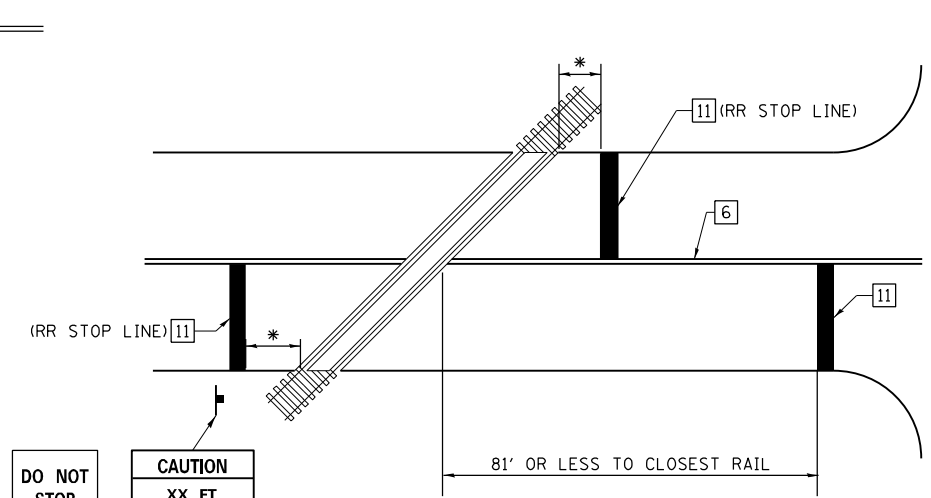
PAVEMENT MARKING LEGEND

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

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



RAILROAD CROSSING WITH NON-SIGNALIZED INTERSECTION

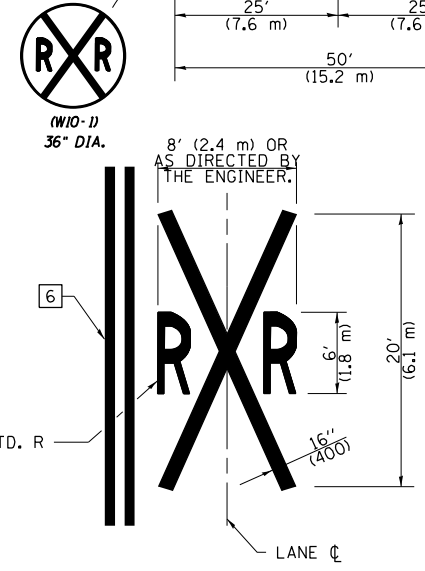


NOTES

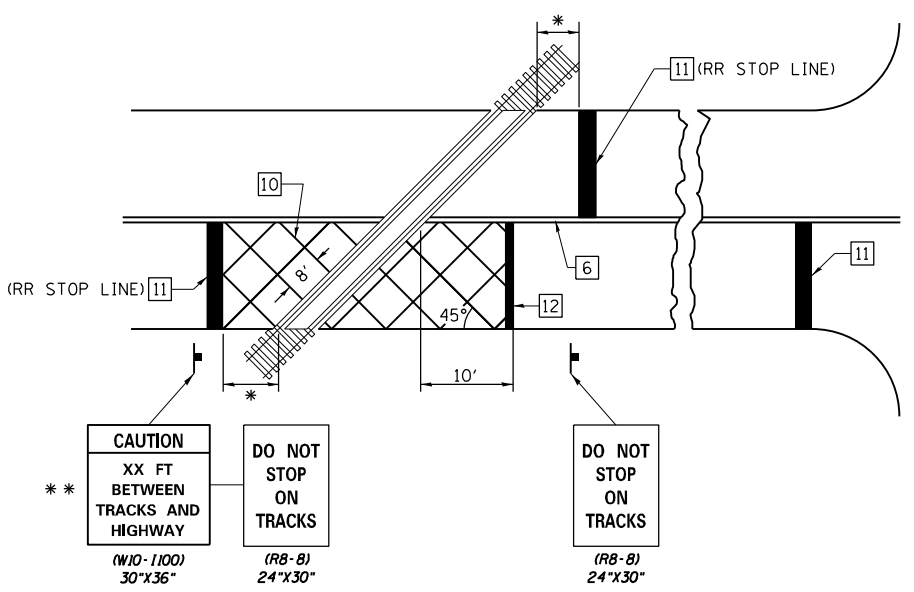
THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

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

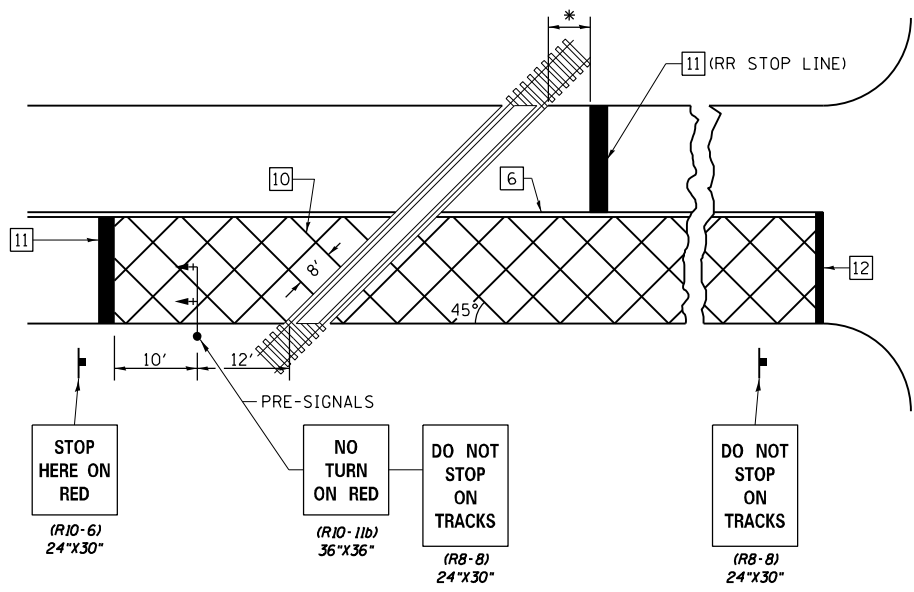
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



RAILROAD CROSSING WITH INTERCONNECT ONLY

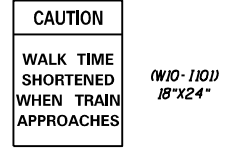


RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

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



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

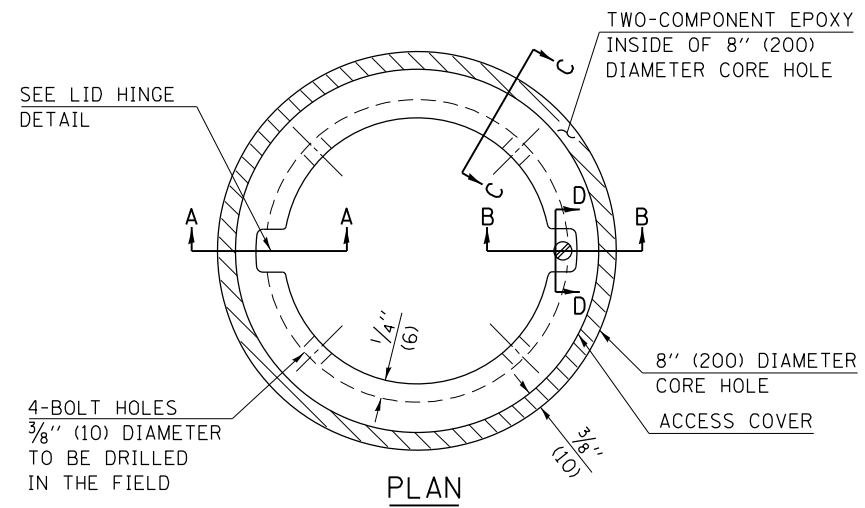
NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(2ORS-4-1), 2ORS-3	FAYETTE	102	101
CONTRACT NO. 74458				
ILLINOIS FED. AID PROJECT				

FILE NAME =	USER NAME = monasteffen	DESIGNED -	REVISED - NAS 06/22
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PLOT SCALE = 100.0000' / in.		DATE -	REVISED -
PLOT DATE = 2/9/2024			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

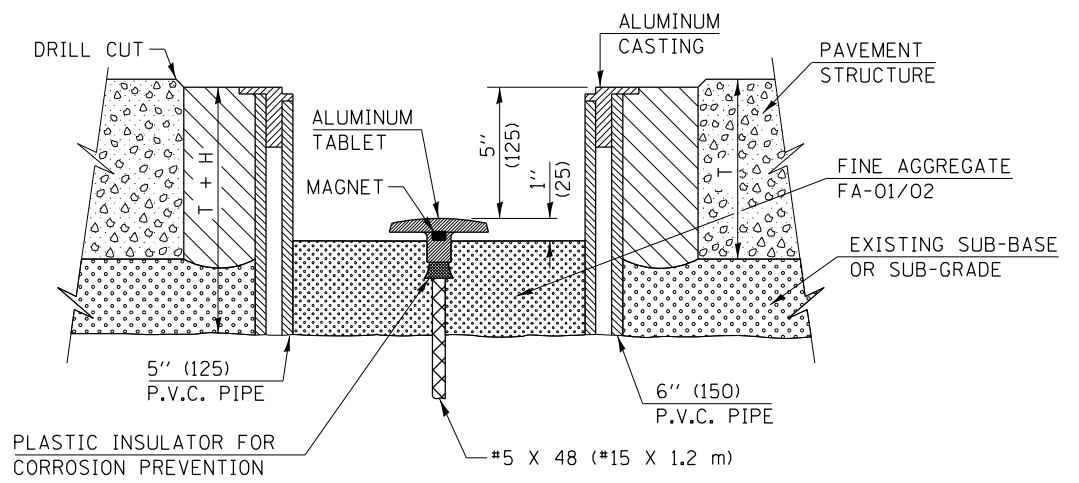
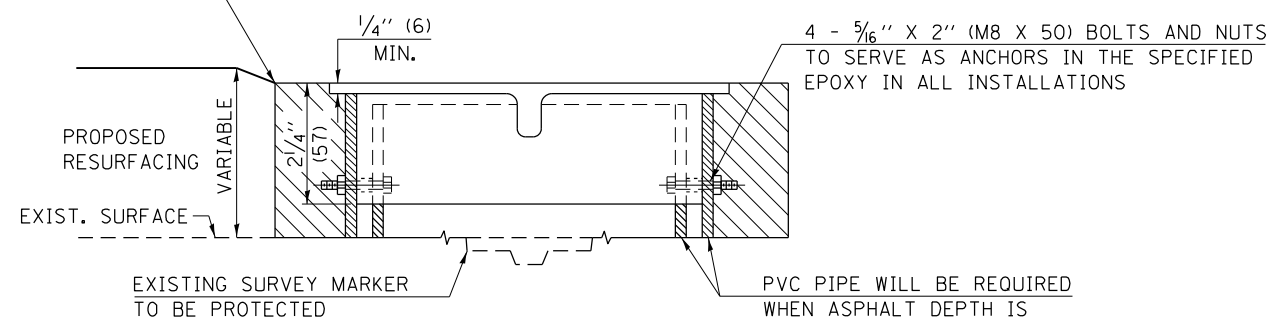
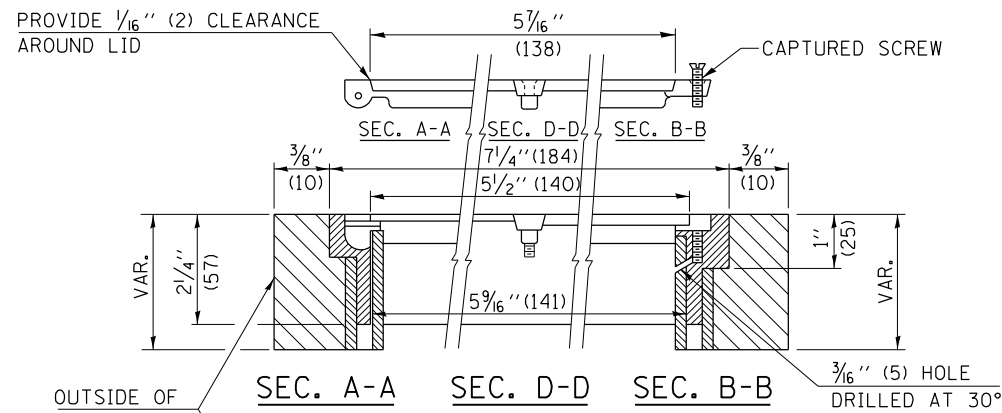
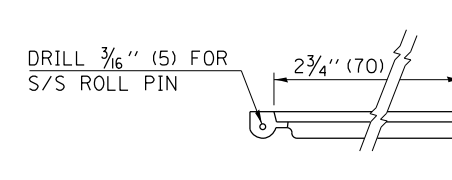
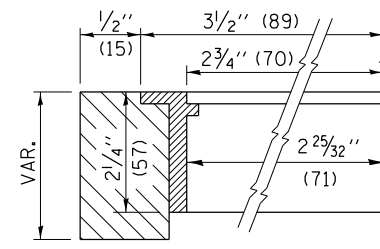
PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)
SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.



LEGEND

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

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



PROPOSED SURVEY MARKER

NOT TO SCALE

FILE NAME =	USER NAME = mono.steffen	DESIGNED -	REVISED - MAD 6-11
p:\dot-pw\bentley.com\PWIDOT\Documents\DOT Offices\District 7\Projects\74458\CADD\Drawings\Drawings\74458-shd-details.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

DISTRICT 7 DETAIL NO. 20070202

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(20RS-4-1), 20RS-3	FAYETTE	102	102
CONTRACT NO. 74458				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				