

Larry D. Anderson 03/26/2025
LARRY D. ANDERSON DATE
LICENSE EXPIRES 11/30/2026
SHEETS: 1 - 58, 70-83

Ryan G. Hagerty 03/26/2025
RYAN G. HAGERTY DATE
LICENSE EXPIRES 11/30/2026
SHEETS: 59-69



06-13-2025 LETTING ITEM 097

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAI ROUTE 72 (I-72)
SECTION (86-10RS-5; 69-6RS-3)BRR-1,BP

RESURFACING AND PAVEMENT REPLACEMENT
SCOTT/MORGAN COUNTY

C-96-058-24

TOWNSHIPS

WINCHESTER NO. 1
LYNNVILLE - MARKHAM

TRAFFIC DATA

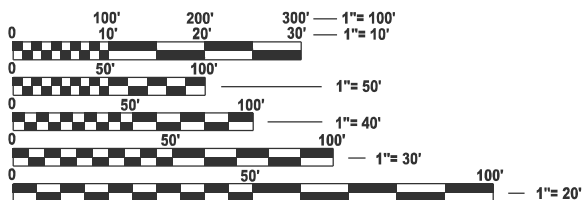
I-72 TRAFFIC DATA

2023 ADT = 8800

MU: 32.4%

SU: 3.1%

PV: 64.5%

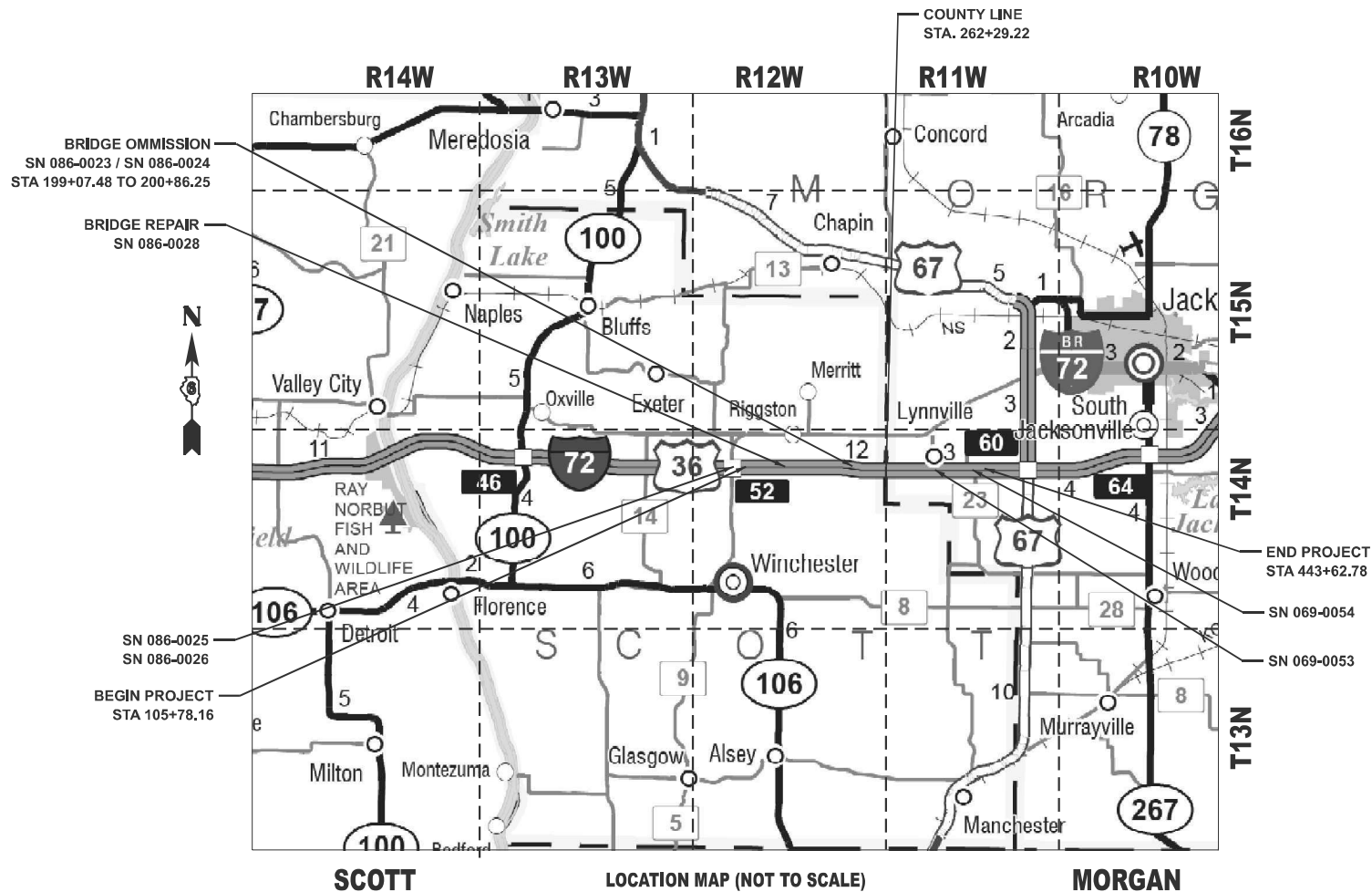


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: ED KERN (217)-524-7547
PROJECT MANAGER: JON KELLEY (217)-785-2739

CONTRACT NO. 72A58



LOCATION MAP (NOT TO SCALE)

GROSS LENGTH = 33,786.791 FT. = 6.399 MILE
NET LENGTH = 33,608.021 FT. = 6.365 MILE

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	1
		ILLINOIS	CONTRACT NO. 72A58	

D-96-038-24



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 27, 2025
Lora Renshaw REGIONAL ENGINEER
May 9, 2025
Scott A. Etkin ENGINEER OF DESIGN AND ENVIRONMENT
May 9, 2025
Ed Kern DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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REV - MS

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001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
421001-03	BAR REINFORCEMENT FOR CRC PAVEMENT
421201-07	24' CRC PAVEMENT
442001-04	CLASS A PATCHES
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542526-03	INLET BOX TYPE 24 F
542531-04	INLET BOX TYPE 26 G
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAIN
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
610001-09	SHOULDER INLET WITH CURB
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-02	DELINEATORS
642001-03	SHOULDER RUMBLE STRIPS, 16 IN.
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24' FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-12	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS \geq 45 MPH
701901-10	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
BLR 21-9	TYPICAL APP. OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

1. FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

HMA RESURFACING	112 LBS/SQ YD/IN
GRANULAR MATERIALS (AGG SHOULDERS)	1.6 TONS/CU. YD.
BITUMINOUS MATERIALS (TACK COAT):	0.025 LBS/SQ FT (FOG COAT BETWEEN LIFTS) 0.05 LBS/SQ FT (MILLED/AGED SURFACE) 0.25 LBS/SQ FT (AGGREGATE BASE)
SHORT TERM PAVEMENT MARKING	4 FT/40 FT CENTERLINE 4 FT/100FT FOR PAVED SHOULDERS GREATER THAN 4 FT WIDE
FERTILIZER NUTRIENTS	90 LBS/ACRE
2. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 BUREAU OF OPERATIONS AT (217) 785-5306 THREE WEEKS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.
3. EXISTING PIPE UNDERDRAIN OUTLETS WITHIN THE PROJECT LIMITS ARE UNKNOWN; THE CONTRACTOR IS TO VERIFY THE EXISTING LOCATIONS PRIOR TO CONSTRUCTION. TO DEVELOP NOMINAL QUANTITIES, IT WAS ASSUMED OUTLETS ARE PLACED EVERY 500 FEET.

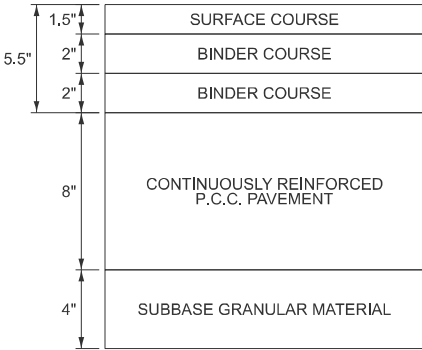
SN & CENTERLINE STATION ROUTE (I-72)	STRUCTURE TYPE	MAXIMUM GROSS WEIGHT RESTRICTIONS	MTD CROSSING RESTRICTIONS
		TONS	
SCOTT COUNTY			
SN 086-0023 (STA. 199+78)	BRIDGE	40	MTD UNLOADED*
SN 086-0024 (STA. 200+15)	BRIDGE	40	MTD UNLOADED*
SN 086-0025 (STA. 105+83)	BRIDGE	40	MTD UNLOADED*
SN 086-0026 (STA. 106+16)	BRIDGE	40	MTD UNLOADED*
SN 086-7004 (APPROX. STA. 125+87)	BOX CULVERT (6'X5')	40	MTD UNLOADED*
SN 086-7005 (APPROX. STA. 165+59)	BOX CULVERT (6'X5')	40	MTD UNLOADED*
SN 086-7006 (APPROX. STA. 180+00)	BOX CULVERT (7'X4')	40	MTD UNLOADED*

10"	3.5"	1.5"	HMA SHOULDERS (TOP LIFT)
		2"	HMA SHOULDERS (TOP LIFT)
	6.5"	2.5"	HMA SHOULDERS (LOWER LIFT)
		4"	HMA SHOULDERS (LOWER LIFT)

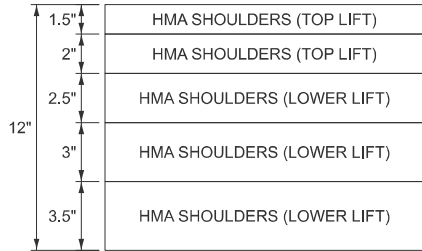
3.5"	1.5"	HMA SHOULDERS (TOP LIFT)
	2"	HMA SHOULDERS (TOP LIFT)

1.5"	SURFACE COURSE
2"	BINDER COURSE
2"	BINDER COURSE
5.5"	

3.75" MILL - MAINLINE



PAVEMENT REPLACEMENT - MAINLINE



LOCATIONS	I-72 MAINLINE
MIXTURE USE(S):	SURFACE COURSE
AC/PG:	SBS PG 76-28
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	SMA 9.5
FRICTION AGGREGATE	MIX D
MIXTURE WEIGHT:	112 LBS/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	PFP
SUBLOT SIZE:	1000 TONS
MATERIAL TRANSFER DEVICE (REQUIRED?):	YES

LOCATIONS	I-72 SHOULDERS
MIXTURE USES(S):	HMA SHOULDERS (TOP 2 LIFTS)
AC/PG:	PG 58-28
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5
FRICTION AGGREGATE	MIX C
MIXTURE WEIGHT:	112 LBS/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	N/A
MATERIAL TRANSFER DEVICE (REQUIRED?):	NO

LOCATIONS	PAVEMENT REPLACEMENT SHOULDERS
MIXTURE USE(S):	HMA SHOULDERS (LOWER LIFTS)
AC/PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0
FRICTION AGGREGATE	N/A
MIXTURE WEIGHT:	112 LBS/SQ YD*IN
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	N/A
MATERIAL TRANSFER DEVICE (REQUIRED?):	NO

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6**

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INDEX OF SHEETS, GENERAL NOTES, MIX TABLES & HIGHWAY STANDARDS

SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	2
CONTRACT NO. 72A58				
ILLINOIS		FED. AID PROJECT		

100% STATE

SUMMARY OF QUANTITIES				CONSTRUCTION CODE					
				PPS# 6-01153-0000		PPS# 6-01153-0100			
				SCOTT COUNTY	MORGAN COUNTY	SCOTT COUNTY		MORGAN COUNTY	
				ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE
				0005	0005	0048	0047	0048	0047
				RURAL	RURAL	RURAL	RURAL	RURAL	RURAL
CODE NO	ITEM	UNIT	TOTAL			SN 086-0028	SN 086-0023/24	SN 069-0053	SN 069-0054
20200100	EARTH EXCAVATION	CU YD	1280	470	810				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	4707	1858	2849				
25000200	SEEDING, CLASS 2	ACRE	1.25	0.50	0.75				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	94	41	53				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	94	41	53				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	94	41	53				
25000700	AGRICULTURAL GROUND LIMESTONE	TON	2	1	1				
25100115	MULCH, METHOD 2	ACRE	1.25	0.50	0.75				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	105	46	59				
28000500	INLET AND PIPE PROTECTION	EACH	2	1	1				
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	3534	1174	2360				
35501332	HOT-MIX ASPHALT BASE COURSE, 12"	SQ YD	6530	2134	4396				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	246919	113188	133731				
40600372	LONGITUDINAL JOINT SEALANT, HALF-WIDTH	FOOT	134619	62088	72531				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	3
		CONTRACT NO. 72A58		
		ILLINOIS FED. AID PROJECT		

100% STATE

SUMMARY OF QUANTITIES				CONSTRUCTION CODE					
				PPS# 6-01153-0000		PPS# 6-01153-0100			
				SCOTT COUNTY	MORGAN COUNTY	SCOTT COUNTY		MORGAN COUNTY	
				ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE
				0005	0005	0048	0047	0048	0047
				RURAL	RURAL	RURAL	RURAL	RURAL	RURAL
CODE NO	ITEM	UNIT	TOTAL			SN 086-0028	SN 086-0023/24	SN 069-0053	SN 069-0054
40600405	MATERIAL TRANSFER DEVICE	TON	55198	25362	29836				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	535		535				
40600990	TEMPORARY RAMP	SQ YD	285	218	67				
40605010	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT 12.5, N50	TON	40125	18411	21714				
40605022	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "D", N50	TON	15073	6951	8122				
42100100	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	3534	1174	2360				
42100615	PAVEMENT REINFORCEMENT	SQ YD	3534	1174	2360				
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 13/4"	SQ YD	113223	53271	59952				
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	175038	81063	93975				
44004250	PAVED SHOULDER REMOVAL	SQ YD	6530	2134	4396				
44200573	CLASS A PATCHES, TYPE I, 12 INCH	SQ YD	472	258	214				
44200577	CLASS A PATCHES, TYPE II, 12 INCH	SQ YD	420	371	49				
44200581	CLASS A PATCHES, TYPE III, 12 INCH	SQ YD	79	60	19				
44200583	CLASS A PATCHES, TYPE IV, 12 INCH	SQ YD	132	102	30				
44213000	PATCHING REINFORCEMENT	SQ YD	1103	791	312				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	4
			CONTRACT NO. 72A58	
		ILLINOIS	FED. AID PROJECT	

100% STATE

SUMMARY OF QUANTITIES				CONSTRUCTION CODE					
				PPS# 6-01153-0000		PPS# 6-01153-0100			
				SCOTT COUNTY	MORGAN COUNTY	SCOTT COUNTY		MORGAN COUNTY	
				ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE
				0005	0005	0048	0047	0048	0047
CODE NO	ITEM	UNIT	TOTAL	RURAL	RURAL	RURAL	RURAL	RURAL	RURAL
						SN 086-0028	SN 086-0023/24	SN 069-0053	SN 069-0054
44213200	SAW CUTS	FOOT	7892	5320	2572				
44213204	TIE BARS 3/4"	EACH	106	90	16				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	7990	3673	4317				
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	780	281	499				
48203100	HOT-MIX ASPHALT SHOULDERS	TON	22086	10900	11186				
48300700	PORTLAND CEMENT CONCRETE SHOULDERS 12"	SQ YD	98	98					
50102400	CONCRETE REMOVAL	CU YD	1.6						1.6
50104000	BRIDGE RAIL REMOVAL	FOOT	18.0				18		
50300225	CONCRETE STRUCTURES	CU YD	12.3			3.2	1	4	4.1
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1510			380	240	420	470
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	6	6					
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	12	4	8				
60100945	PIPE DRAINS 12"	FOOT	114	114					
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	210	70	140				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	5
			CONTRACT NO. 72A58	
		ILLINOIS	FED. AID PROJECT	

100% STATE

SUMMARY OF QUANTITIES				CONSTRUCTION CODE					
				PPS# 6-01153-0000		PPS# 6-01153-0100			
				SCOTT COUNTY	MORGAN COUNTY	SCOTT COUNTY		MORGAN COUNTY	
				ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE
				0005	0005	0048	0047	0048	0047
CODE NO	ITEM	UNIT	TOTAL	RURAL	RURAL	RURAL	RURAL	RURAL	RURAL
						SN 086-0028	SN 086-0023/24	SN 069-0053	SN 069-0054
60108104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	2650	880	1770				
60500060	REMOVING INLETS	EACH	6	6					
60600605	CONCRETE CURB, TYPE B	FOOT	57	57					
61000050	CONCRETE THRUST BLOCKS	EACH	6	6					
61000225	TYPE F INLET BOX, STANDARD 610001	EACH	3	3					
61000335	TYPE G INLET BOX, STANDARD 610001	EACH	3	3					
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	3275	2325	950				
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	6	2	4				
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	6	6					
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	12	8	4				
63500105	DELINEATORS	EACH	86	40	46				
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	131884	61194	70690				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	12	12				
67100100	MOBILIZATION	L SUM	1	0.5	0.5				

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	6
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

100% STATE

SUMMARY OF QUANTITIES				CONSTRUCTION CODE					
				PPS# 6-01153-0000		PPS# 6-01153-0100			
				SCOTT COUNTY	MORGAN COUNTY	SCOTT COUNTY		MORGAN COUNTY	
				ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE
				0005	0005	0048	0047	0048	0047
CODE NO	ITEM	UNIT	TOTAL	RURAL	RURAL	RURAL	RURAL	RURAL	RURAL
						SN 086-0028	SN 086-0023/24	SN 069-0053	SN 069-0054
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	3	1	2				
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.5	0.5				
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	90	30	60				
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	60	30	30				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	45168	20989	24179				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	135505	62967	72538				
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	202574	93771	108803				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2476	763	1713				
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2300	812.5	1487.5				
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	1	2				
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	1	2				
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	12	8	4				
* 78004630	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 6"	FOOT	16882	7815	9067				
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	135048	62513	72535				
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	151929	70328	81601				

* SPECIALTY ITEM

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PLOT DATE = 3/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	7
			CONTRACT NO. 72A58	
		ILLINOIS	FED. AID PROJECT	

100% STATE

SUMMARY OF QUANTITIES				CONSTRUCTION CODE					
				PPS# 6-01153-0000		PPS# 6-01153-0100			
				SCOTT COUNTY	MORGAN COUNTY	SCOTT COUNTY		MORGAN COUNTY	
				ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE
				0005	0005	0048	0047	0048	0047
CODE NO	ITEM	UNIT	TOTAL	RURAL	RURAL	RURAL	RURAL	RURAL	RURAL
						SN 086-0028	SN 086-0023/24	SN 069-0053	SN 069-0054
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	845	391	454				
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	58	42	16				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	845	391	454				
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	33763	15629	18134				
X2503000	MAINTENANCE MOWING	ACRE	186	86	100				
X4201410	BRIDGE APPROACH PAVEMENT CONNECTOR (SPECIAL)	SQ YD	192	192					
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1713	1129	584				
X4404400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	3534	1174	2360				
X5051206	STRUCTURAL STEEL REPAIR	POUND	2440						2440
X5060704	CLEANING AND PAINTING EXPOSED REBAR	SQ FT	17.1						17.1
X6010003	PIPE DRAIN REMOVAL	FOOT	150	150					
X6010100	CLEANING UNDERDRAIN OUTLETS	EACH	276	128	148				
X6013700	PIPE UNDERDRAIN REMOVAL (SPECIAL)	FOOT	2755	915	1840				
X6015000	REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	6	2	4				

* SPECIALTY ITEM

REV - MS

MODEL: SOQ-5 [Sheet]
FILE NAME: c:\pwp\p\bc\timmermann\horner\shifrin.com\id\odms\23782\0672A58-sh-SOQ.dgn

100% STATE

[illegible]

Ø 0042

REV - MS



STA. 105+78.16 TO STA. 191+75.00
STA. 198+64.60 TO STA. 199+17.34 (EB)
STA. 199+17.81 TO STA. 199+72.20 (WB)
STA. 200+24.12 TO STA. 200+82.53 (EB)
STA. 200+77.27 TO STA. 201+33.78 (WB)
STA. 206+67.00 TO STA. 442+90.81



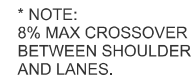
STA. 105+78.16 TO STA. 141+70.00 (EB)
STA. 105+78.16 TO STA. 191+75.00 (WB)
STA. 146+10.10 TO STA. 191+75.00 (EB)
STA. 198+64.60 TO STA. 199+17.34 (EB)
STA. 199+17.81 TO STA. 199+72.20 (WB)
STA. 200+24.12 TO STA. 200+82.53 (EB)
STA. 200+77.27 TO STA. 201+33.78 (WB)
STA. 206+67.00 TO STA. 332+35.00 (EB)
STA. 206+67.00 TO STA. 333+00.00 (WB)
STA. 336+80.00 TO STA. 442+90.81 (WB)
STA. 337+40.00 TO STA 442+90.81 (EB)

LEGEND

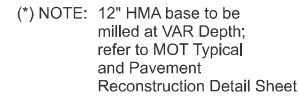
- 1 EXISTING 8" P.C.C. SHOULDER WITH 3 3/4" HMA RESURFACING
- 2 EXISTING 4" STABILIZED SUB-BASE ON EARTH BASE
- 3 EXISTING 8" C.R.P.C.C. PAVEMENT WITH 3 3/4" HMA RESURFACING
- 4 EXISTING AGGREGATE SHOULDER
- 5 PROPOSED HOT-MIX ASPHALT SHOULDER, 3.5" (1 LIFT AT 2.0", 1 LIFT AT 1.5")
- 6 PROPOSED POLYMERIZED HMA BINDER COURSE, SMA 12.5, N50, 4" (2-2" LIFTS)
- 7 PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA 9.5, MIX "D", N50, 1.5"
- 8 HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"
- 9 HOT-MIX ASPHALT SURFACE REMOVAL 1 3/4"
- 10 PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- 11 PROPOSED SHOULDER RUMBLE STRIPS, 16"
- 12 PROPOSED PIPE UNDERDRAIN, TYPE 1, 4"
- 13 PROPOSED CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 8"
- (*) 14 PROPOSED HOT -MIX ASPHALT BASE COURSE, 12"
- 15 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B 4"
- 16 LONGITUDINAL JOINT SEALANT HALF-WIDTH

NOTE:
SEE DISTRICT STANDARDS
1) OVERHEAD STRUCTURE RAMPING DETAIL
2) EMERGENCY CROSSOVER DETAIL
3) FULL DEPTH PAVEMENT REPLACEMENT DETAIL

TRAFFIC VOLUME:
8,800 ADT (2023)
PV - 64.5%
MU - 32.4%
SU - 3.1%



STA. 191+75.00 TO STA. 194+15.00
STA. 194+15.00 TO STA. 199+17.81 (WB)
STA. 194+15.00 TO STA. 198+64.60 (EB)
STA. 200+82.53 TO STA. 204+27.00 (EB)
STA. 201+33.78 TO STA. 204+27.00 (WB)
STA. 204+27.00 TO STA. 206+67.00



STA. 141+70.00 TO STA. 146+10.00 (EB)
STA. 332+35.00 TO STA. 337+40.00 (EB)
STA. 333+00.00 TO STA. 336+80.00 (WB)

STA 138+73.00 TO STA 149+22.00 EB LEFT
STA 137+61.00 TO STA 150+22.00 EB RIGHT

STA 329+86.00 TO STA 339+73.00 WB LEFT
STA 328+38.00 TO STA 341+05.00 WB RIGHT

- 1 EXISTING 8" P.C.C. SHOULDER WITH 3 3/4" HMA RESURFACING
- 2 EXISTING 4" STABILIZED SUB-BASE ON EARTH BASE
- 3 EXISTING 8" C.R.P.C.C. PAVEMENT WITH 3 3/4" HMA RESURFACING
- 4 EXISTING AGGREGATE SHOULDER
- 5 PROPOSED HOT-MIX ASPHALT SHOULDER, 3.5" (1 LIFT AT 2.0", 1 LIFT AT 1.5")
- 6 PROPOSED POLYMERIZED HMA BINDER COURSE, SMA 12.5, N50, 4" (2-2" LIFTS)
- 7 PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA 9.5, MIX "D", N50, 1.5"
- 8 HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"
- 9 HOT-MIX ASPHALT SURFACE REMOVAL 1 3/4"
- 10 PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- 11 PROPOSED SHOULDER RUMBLE STRIPS, 16"
- 12 PROPOSED PIPE UNDERDRAIN, TYPE 1, 4"
- 13 PROPOSED CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 8"
- 14 PROPOSED HOT -MIX ASPHALT BASE COURSE, 12"
- 15 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B 4"
- 16 LONGITUDINAL JOINT SEALANT HALF-WIDTH

TRAFFIC VOLUME:
8,800 ADT (2023)
PV - 64.5%
MU - 32.4%
SU - 3.1%

PAVEMENT REMOVALS									
LOCATION				HOT-MIX ASPHALT SURFACE REMOVAL, 13/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	PAVED SHOULDER REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	PAVEMENT REMOVAL (SPECIAL)
STATION	TO	STATION	SIDE	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
SCOTT COUNTY									
WESTBOUND									
106+31.21	TO	106+57.68	BOTH SHLDS / DL				121.4		
106+46.51	TO	199+29.40	INSIDE SHOULDER	6199.7					
106+51.47	TO	199+35.07	DL		24764.5				
106+54.83	TO	199+45.35	OUTSIDE SHOULDER	10546.3					
199+26.55	TO	199+80.09	BOTH SHLDS / DL				144.5		
BRIDGE OMISSION									
200+69.71	TO	201+22.12	BOTH SHLDS / DL				155.6		
201+04.52	TO	262+29.22	INSIDE SHOULDER	4172.4					
201+12.51	TO	262+29.22	DL		16322.3				
201+17.74	TO	262+29.22	OUTSIDE SHOULDER	6823.9					
EASTBOUND									
105+81.49	TO	106+26.25	BOTH SHLDS / DL				122.4		
106+13.26	TO	137+61.25	OUTSIDE SHOULDER	3497.2					
106+20.40	TO	141+70.00	DL		9467.9				
106+24.30	TO	138+73.14	INSIDE SHOULDER	2163.4					
137+61.25	TO	150+52.22	OUTSIDE SHOULDER			1434.4			
138+73.14	TO	149+22.00	INSIDE SHOULDER			699.2			
141+70.00	TO	146+10.10	DL						1173.3
141+70.00	TO	146+10.10	INSIDE SHOULDER				293.4		
146+10.00	TO	198+81.53	DL		14048.5				
149+22.00	TO	198+89.83	INSIDE SHOULDER	3309.3					
150+52.22	TO	198+75.75	OUTSIDE SHOULDER	5351.2					
198+70.66	TO	199+25.53	BOTH SHLDS / DL				136.0		
BRIDGE OMISSION									
200+15.98	TO	200+69.97	BOTH SHLDS / DL				155.6		
200+51.11	TO	262+29.22	OUTSIDE SHOULDER	6882.1					
200+61.11	TO	262+29.22	DL		16459.1				
200+67.18	TO	262+29.22	INSIDE SHOULDER	4100.0					
260+59.12	TO	261+08.81	MEDIAN	225.4					
SCOTT COUNTY TOTAL				53271	81063	2134	1129	0	1174
MORGAN COUNTY									
WESTBOUND									
262+29.22	TO	328+28.00	OUTSIDE SHOULDER	7353.0					
262+29.22	TO	329+86.00	INSIDE SHOULDER	4445.0					
262+29.22	TO	333+00.00	DL		18856.4				
328+38.00	TO	341+05.00	OUTSIDE SHOULDER			1407.7			
329+86.00	TO	339+73.00	INSIDE SHOULDER			658.0			
333+00.00	TO	336+80.00	DL						1013.3
333+00.00	TO	336+80.00	INSIDE SHOULDER				246.7		
336+80.00	TO	442+92.79	DL		28300.6				
339+73.00	TO	442+92.72	INSIDE SHOULDER	6870.7					
341+05.00	TO	442+92.72	OUTSIDE SHOULDER	11322.6					
443+02.78	TO	443+62.78	DL / SHOULDERS					266.9	
EASTBOUND									
262+29.22	TO	327+90.00	OUTSIDE SHOULDER	7245.6					
262+29.22	TO	329+42.00	INSIDE SHOULDER	4478.0					
262+29.22	TO	332+35.00	DL		18682.1				
327+90.00	TO	342+14.00	OUTSIDE SHOULDER			1582.2			
329+86.00	TO	339+73.00	INSIDE SHOULDER			747.9			
332+35.00	TO	337+40.00	DL						1346.7
332+35.00	TO	337+40.00	INSIDE SHOULDER				336.6		
337+40.00	TO	442+90.83	DL		28135.5				
340+64.00	TO	442+90.83	INSIDE SHOULDER	6808.8					
342+14.00	TO	442+90.83	OUTSIDE SHOULDER	11195.9					
434+43.62	TO	435+03.61	MEDIAN	231.9					
443+02.78	TO	443+62.78	DL / SHOULDERS					267.15	
MORGAN COUNTY TOTAL				59952	93975	4396	584	535	2360
PROJECT TOTAL				113223	175038	6530	1713	535	3534

 HORNER SHIFFRIN WWW.HORNERSHIFFRIN.COM	USER NAME = bctimmermann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -						72	86-10RS-5/6/9-6RS-3	SCOTT/MORGAN	83	12	
		CHECKED -	REVISED -						CONTRACT NO. 72A58					
	PLOT DATE = 2/13/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 9 SHEETS	STA.	TO STA.					
					ILLINOIS FED. AID PROJECT									

MODEL: Schedules - Schedule2 [Sheet]
FILE NAME: c:\p\p\p\o\bc\lmmrmann\homerst\frin.com\idol\dms23782\0672A58_shh-schedules.dgn

PAVEMENT - MAINLINE											
LOCATION				SUBBASE GRANULAR MATERIAL, TYPE B 4"	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 8"	BITUMINOUS MATERIALS - TACK COAT	LONGITUDINAL JOINT SEALANT, HALF-WIDTH	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT 12.5, N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT 9.5, MIX "D", N50	BRIDGE APPROACH PAVEMENT CONNECTOR (SPECIAL)	MATERIAL TRANSFER DEVICE
STATION	TO	STATION	SIDE	SQ YD	SQ YD	POUND	FOOT	TON	TON	FOOT	TON
SCOTT COUNTY											
WESTBOUND											
106+13.21	TO	199+75.43	DL			22375.9	18718.8	5548.2	2096.3		7644.5
107+16.42			DL / SHOULDERS							32	
198+71.52			DL / SHOULDERS							32	
BRIDGE OMISSION											
200+72.38	TO	262+29.22	DL			14687.2	12294.7	3645.0	1374.7		5019.7
201+82.13			DL / SHOULDERS							32	
EASTBOUND											
105+81.50	TO	199+22.62	DL			22301.2	18657.3	5529.6	2089.3		7618.9
106+85.12			DL / SHOULDERS							32	
141+70.00	TO	146+10.00	DL	1173.3	1173.3						
198+17.28			DL / SHOULDERS							32	
BRIDGE OMISSION											
200+20.70	TO	262+29.22	DL			14857.5	12416.3	3687.4	1390.6		5078.0
201+27.43			DL / SHOULDERS							32	
SCOTT COUNTY TOTAL				1174	1174	74222	62088	18411	6951	192	25362
MORGAN COUNTY											
WESTBOUND											
262+92.22	TO	443+62.78	DL			43391.6	36267.0	10789.93	4057.7		14847.6
333+00.00	TO	336+80.00	DL	1013.3	1013.3						
EASTBOUND											
262+29.22	TO	443+62.78	DL			43449.1	36263.5	10923.3	4063.3		14986.6
332+35.00	TO	337+40.00	DL	1346.7	1346.7						
MORGAN COUNTY TOTAL				2360	2360	86841	72531	21714	8122	0	29836
PROJECT TOTAL				3534	3534	161063	134619	40125	15073	192	55198

TEMPORARY RAMP				
LOCATION				TEMPORARY RAMP
STATION	SIDE	LENGTH (FT)	WIDTH (FT)	SQ YD
SCOTT COUNTY				
WESTBOUND				
106+16.59	WB LANE	12.5	24.9	34.6
199+69.82	WB LANE	12.5	26.6	36.9
200+77.87	WB LANE	12.5	26.3	36.5
EASTBOUND				
105+85.40	EB LANE	12.5	25.2	35.1
199+16.78	EB LANE	12.5	26.7	37.1
200+26.35	EB LANE	12.5	26.5	36.8
SCOTT COUNTY TOTAL				218
MORGAN COUNTY				
WESTBOUND				
442+90.82	WB LANE	12.5	24.0	33.3
EASTBOUND				
442+90.82	EB LANE	12.5	24.0	33.3
MORGAN COUNTY TOTAL				67
PROJECT TOTAL				285

CONCRETE CURB				
LOCATION				CONCRETE CURB, TYPE B
STATION	TO	STATION	SIDE	FOOT
SCOTT COUNTY				
WESTBOUND				
106+20.08	TO	106+31.18	INSIDE SHOULDER	11.1
106+31.06	TO	106+40.74	OUTSIDE SHOULDER	9.7
199+46.30	TO	199+54.10	INSIDE SHOULDER	7.8
EASTBOUND				
105+87.28	TO	105+99.50	OUTSIDE SHOULDER	12.2
105+99.47	TO	106+07.34	INSIDE SHOULDER	7.9
198+90.74	TO	198+99.17	OUTSIDE SHOULDER	8.3
SCOTT COUNTY TOTAL				57
PROJECT TOTAL				57

GUARDRAIL										
LOCATION				GUARDRAIL REMOVAL (SPECIAL)	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 6	TERMINAL MARKER DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A
STATION	TO	STATION	SIDE	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH
SCOTT COUNTY										
WESTBOUND										
106+17.50	TO	111+17.50	INSIDE SHOULDER		437.5	1		1	1	6
106+20.10	TO	110+54.82	INSIDE SHOULDER	434.8						
106+28.50	TO	110+66.00	OUTSIDE SHOULDER		375.0	1		1	1	6
106+31.09	TO	109+28.71	OUTSIDE SHOULDER	297.6						
143+50.00	TO	145+00.00	MEDIAN		87.5	1	1		1	4
143+78.49	TO	145+22.39	MEDIAN	143.9						
200+74.00	TO	204+97.00	INSIDE SHOULDER		362.5	1		1	1	6
200+76.36	TO	204+98.11	INSIDE SHOULDER	423.9						
200+92.50	TO	204+51.00	OUTSIDE SHOULDER		300.0	1		1	1	5
200+93.78	TO	203+90.18	OUTSIDE SHOULDER	299.5						
EASTBOUND										
142+72.78	TO	144+04.18	MEDIAN	131.4						
142+83.00	TO	144+33.00	MEDIAN		87.5	1	1		1	4
194+94.00	TO	199+21.00	INSIDE SHOULDER		362.5	1		1	1	6
194+94.49	TO	199+18.52	INSIDE SHOULDER	422.0						
195+23.00	TO	199+02.00	OUTSIDE SHOULDER		312.5	1		1	1	5
195+98.90	TO	198+99.15	OUTSIDE SHOULDER	297.2						
SCOTT COUNTY TOTAL				2451	2325.0	8	2	6	8	42
MORGAN COUNTY										
WESTBOUND										
334+84.00	TO	337+84.00	MEDIAN		237.5	1	1		1	4
334+87.59	TO	337+81.21	MEDIAN	293.6						
393+92.00	TO	396+92.00	MEDIAN		237.5	1	1		1	4
393+97.72	TO	396+91.30	MEDIAN	293.6						
EASTBOUND										
331+93.00	TO	334+93.00	MEDIAN		237.5	1	1		1	4
331+97.52	TO	334+91.27	MEDIAN	293.8						
391+06.00	TO	394+06.00	MEDIAN		237.5	1	1		1	4
391+06.20	TO	394+00.23	MEDIAN	294.0						
MORGAN COUNTY TOTAL				1175	950.0	4	4	0	4	16
PROJECT TOTAL				3626	3275.0	12	6	6	12	58



USER NAME = bc\lmmrmann

PLOT DATE = 2/13/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	86-10RS-5/69-6RS-3	SCOTT/MORGAN	83	13
CONTRACT NO. 72A58				
		ILLINOIS	FED. AID PROJECT	

MODEL: Schedules - Schedule-3 [Sheet]
FILE NAME: c:\p\p\p\scott\morganshifrin.com\id\tdms23782\0672A58_sh-schedules.dgn

PAVEMENT - SHOULDERS									
LOCATION				HOT-MIX ASPHALT BASE COURSE, 12"	BITUMINOUS MATERIALS - TACK COAT	AGGREGATE WEDGE SHOULDER, TYPE B	HOT-MIX ASPHALT SHOULDERS, 6.5"	HOT-MIX ASPHALT SHOULDERS	PORTLAND CEMENT CONCRETE SHOULDERS 12"
STATION	TO	STATION	SIDE	SQ YD	POUND	TON	SQ YD	TON	SQ YD
SCOTT COUNTY									
WESTBOUND									
106+20.08	TO	199+54.11	INSIDE SHOULDER			547.0			
106+40.74	TO	199+77.76	OUTSIDE SHOULDER		6994.0			2034.5	
106+11.54	TO	106+31.21	INSIDE SHOULDER						12.5
106+31.19	TO	199+46.30	INSIDE SHOULDER		4188.1			1217.6	
106+19.90	TO	106+40.74	OUTSIDE SHOULDER						21.6
106+31.06	TO	199+73.51	OUTSIDE SHOULDER			549.0			
199+46.30	TO	199+64.19	INSIDE SHOULDER						11.0
BRIDGE OMISSION									
200+76.32	TO	260+63.85	INSIDE SHOULDER			354.3			
200+71.08	TO	262+29.22	INSIDE SHOULDER		2778.8			808.5	
200+85.27	TO	262+29.22	OUTSIDE SHOULDER		4593.7			1336.4	
200+94.91	TO	262+29.22	OUTSIDE SHOULDER			361.6			
260+93.85	TO	262+29.22	INSIDE SHOULDER			15.5			
261+08.85	TO	262+29.22	INSIDE SHOULDER		36.1		53.5	10.5	
EASTBOUND									
105+99.50	TO	198+90.75	OUTSIDE SHOULDER		6955.0			2021.9	
105+78.25	TO	105+99.50	OUTSIDE SHOULDER						21.8
105+78.25	TO	198+99.16	OUTSIDE SHOULDER			545.9			
105+89.30	TO	106+07.34	INSIDE SHOULDER						11.4
106+07.32	TO	199+24.08	INSIDE SHOULDER		4183.3			1217.0	
105+91.26	TO	199+18.52	OUTSIDE SHOULDER			546.9			
137+61.25	TO	150+52.22	OUTSIDE SHOULDER	1434.4	968.2				
138+73.14	TO	149+22.00	INSIDE SHOULDER	699.2	472.0				
198+90.74	TO	199+10.92	OUTSIDE SHOULDER						19.4
BRIDGE OMISSION									
200+22.95	TO	262+29.22	OUTSIDE SHOULDER			363.9			
200+18.34	TO	262+29.22	OUTSIDE SHOULDER		4655.0			1354.2	
200+33.39	TO	262+29.22	INSIDE SHOULDER		2786.7			810.7	
200+42.21	TO	260+63.85	OUTSIDE SHOULDER			373.2			
256+19.85	TO	260+71.20	INSIDE SHOULDER		153.3		227.1	44.5	
260+93.85	TO	262+29.22	OUTSIDE SHOULDER			15.6			
260+58.96	TO	261+08.85	MEDIAN		201.7			43.9	
SCOTT COUNTY TOTAL				2134	38966	3673	281	10900	98
MORGAN COUNTY									
WESTBOUND									
262+29.22	TO	265+37.83	INSIDE SHOULDER		73.8		109.4	21.4	
262+29.22	TO	443+62.78	INSIDE SHOULDER		8119.6			3941.1	
262+29.22	TO	443+62.78	OUTSIDE SHOULDER		13557.8			2360.3	
262+29.22	TO	434+58.62	INSIDE SHOULDER			1020.1			
262+29.22	TO	443+62.78	OUTSIDE SHOULDER			1060.1			
328+38.00	TO	341+05.00	OUTSIDE SHOULDER	1407.7	950.2				
329+86.00	TO	339+73.00	INSIDE SHOULDER	658.0	444.1				
434+80.57	TO	439+37.30	INSIDE SHOULDER		153.9		228.0	44.7	
434+88.62	TO	443+62.78	INSIDE SHOULDER			70.8			
EASTBOUND									
262+29.22	TO	443+62.78	OUTSIDE SHOULDER			1063.3			
262+29.22	TO	434+58.62	INSIDE SHOULDER			1047.9			
262+29.22	TO	443+62.78	OUTSIDE SHOULDER		13553.1			2371.8	
262+29.22	TO	443+62.78	INSIDE SHOULDER		8154.8			2370.5	
327+90.00	TO	342+14.00	OUTSIDE SHOULDER	1582.2	1068.0				
329+42.00	TO	340+64.00	INSIDE SHOULDER	747.9	504.8				
430+24.75	TO	434+58.26	INSIDE SHOULDER		108.8		161.2	31.6	
434+43.62	TO	435+00.00	MEDIAN		200.1			43.6	
434+88.62	TO	443+62.78	INSIDE SHOULDER			54.5			
MORGAN COUNTY TOTAL				4396	46890	4317	499	11186	0
PROJECT TOTAL									
PROJECT TOTAL				6530	85856	7990	780	22086	98



USER NAME = bclimmermann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/13/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	86-10RS-5/69-6RS-3	SCOTT/MORGAN	83	14
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

SHORT TERM AND TEMPORARY PAVEMENT MARKING												
LOCATION				SHORT TERM PAVEMENT MARKING		TEMPORARY PAVEMENT MARKING - PAINT		TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY	IMPACT ATTENUATORS, RELOCATE	PAVEMENT MARKING REMOVAL - GRINDING
						6 INCH						
STATION	TO	STATION	SIDE/OFFSET	FOOT	FOOT	WHITE FOOT	YELLOW FOOT	FOOT	FOOT	EACH	EACH	SQ FT
SCOTT COUNTY												
WESTBOUND												
105+78.02	TO	262+29.23	OUTSIDE	15651.1								
105+78.02	TO	262+29.23	INSIDE		15651.1							
EASTBOUND												
105+78.02	TO	122+61.15	OUTSIDE	1862.8								
105+78.02	TO	122+61.15	INSIDE		1862.8							
122+61.20	TO	151+52.15	OUTSIDE	2891.2								1445.5
122+61.20	TO	151+52.15	INSIDE		2892.1							1445.5
122+61.00	TO	151+52.00	CENTER									722.8
138+73.02	TO	149+22.01	INSIDE				1049.0					
138+73.02	TO	149+22.01	OUTSIDE			1049.0						
138+83.64	TO	146+95.23	DL						812.5			
139+28.00			DL							1		
138+78.00			DL								1	
139+33.42	TO	146+95.19	DL					762.5				
151+52.15	TO	262+29.21	OUTSIDE	11077.2								
151+52.15	TO	262+29.21	INSIDE		11077.2							
SCOTT COUNTY TOTAL				31483	31484	1049	1049	763	813	1	1	3614
MORGAN COUNTY												
WESTBOUND												
262+29.21	TO	327+38.00	OUTSIDE	6508.8								
262+29.21	TO	327+38.00	INSIDE		6508.8							
327+38.00	TO	356+05.00	OUTSIDE	2867.2								1433.5
327+38.00	TO	356+05.00	INSIDE		2868.0							1433.5
327+38.00	TO	356+05.00	CENTER									716.8
329+86.00	TO	339+73.00	OUTSIDE			987.2						
329+86.00	TO	339+73.00	INSIDE				987.1					
329+72.00			DL									
329+93.00			DL							1		
332+05.00	TO	339+04.42	DL					700.0				
332+05.00	TO	333+80.00	DL					175.0				
332+05.00	TO	339+66.59	DL						587.5			
356+05.00	TO	443+19.49	OUTSIDE	8757.7								
356+05.00	TO	443+19.49	INSIDE		8757.7							
EASTBOUND												
262+29.21	TO	312+90.00	OUTSIDE	5060.8								
262+29.21	TO	312+90.00	INSIDE		5060.8							
312+90.00	TO	343+14.00	OUTSIDE	3024.2								1512.0
312+90.00	TO	343+14.00	INSIDE		3025.0							1512.0
312+90.00	TO	343+14.00	CENTER									756.0
329+42.00	TO	340+64.00	OUTSIDE			1122.2						
329+42.00	TO	340+64.00	INSIDE				1122.1					
329+98.24	TO	338+35.00	DL					837.5				
329+44.00			DL							1		
329+48.41	TO	338+47.49	DL						900.0			
339+10.00			DL								1	
343+14.00	TO	443+19.49	OUTSIDE	10048.8								
343+14.00	TO	443+19.49	INSIDE		10048.8							
MORGAN COUNTY TOTAL				36268	36270	2110	2110	1713	1488	2	2	7364
PROJECT TOTAL				135505		6318		2476	2300	3	3	10978

MODEL: Schedules - Schedule-4 [Sheet]
FILE NAME: c:\p\p\p\j\bclimmermann@hornershifrin.com\id\tdms23782\0672A58_sh-schedules.dgn



HORNER

SHIFRIN

WWW.HORNERSHIFRIN.COM

USER NAME = bclimmermann	DESIGNED -	REVISED -
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	CHECKED -	REVISED -
PLOT DATE = 2/13/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 4	OF 9 SHEETS	STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	86-10RS-5/69-6RS-3	SCOTT/MORGAN	83	15
		CONTRACT NO. 72A58		
		ILLINOIS	FED. AID PROJECT	

MODEL: Schedules - Schedule.s [Sheet]
FILE NAME: c:\p\p\p\scott\morganshifrin.com\id\tdms23782\0672A58_sh-schedules.dgn

PIPE UNDERDRAINS										
LOCATION				PIPE UNDERDRAIN REMOVAL (SPECIAL)	REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS	PIPE UNDERDRAINS, TYPE 1, 4"	PIPE UNDERDRAIN 4" SPECIAL	CONCRETE HEADWALLS FOR PIPE UNDERDRAINS	CLEANING UNDERDRAIN OUTLETS	OUTLET MARKER
STATION	TO	STATION	SIDE	FOOT	EACH	FOOT	FOOT	EACH	EACH	EACH
SCOTT COUNTY										
WESTBOUND										
105+78	TO	262+29	INSIDE SHOULDER						32	32
105+78	TO	262+29	OUTSIDE SHOULDER						32	32
EASTBOUND										
105+78	TO	262+29	INSIDE SHOULDER						32	32
105+78	TO	262+29	OUTSIDE SHOULDER						32	32
141+70	TO	146+10	INSIDE SHOULDER	455	1	440				
141+70	TO	146+10	OUTSIDE SHOULDER	460	1	440				
141+70			INSIDE SHOULDER				15	1		
141+70			OUTSIDE SHOULDER				20	1		
146+10			INSIDE SHOULDER				15	1		
146+10			OUTSIDE SHOULDER				20	1		
SCOTT COUNTY TOTAL				915	2	880	70	4	128	128
MORGAN COUNTY										
WESTBOUND										
262+29	TO	442+92	INSIDE SHOULDER						37	37
262+29	TO	442+92	OUTSIDE SHOULDER						37	37
333+00	TO	336+80	INSIDE SHOULDER	395	1	380				
333+00	TO	336+80	OUTSIDE SHOULDER	400	1	380				
333+00			INSIDE SHOULDER				15	1		
333+00			OUTSIDE SHOULDER				20	1		
336+80			INSIDE SHOULDER				15	1		
336+80			OUTSIDE SHOULDER				20	1		
EASTBOUND										
262+29	TO	442+92	INSIDE SHOULDER						37	37
262+29	TO	442+92	OUTSIDE SHOULDER						37	37
332+35	TO	337+40	INSIDE SHOULDER	520	1	505				
332+35	TO	337+40	OUTSIDE SHOULDER	525	1	505				
332+35			INSIDE SHOULDER				15	1		
332+35			OUTSIDE SHOULDER				20	1		
337+40			INSIDE SHOULDER				15	1		
337+40			OUTSIDE SHOULDER				20	1		
MORGAN COUNTY TOTAL				1840	4	1770	140	8	148	148
PROJECT TOTAL				2755	6	2650	210	12	276	276

DRAINAGE											
LOCATION				INLET AND PIPE PROTECTION	PIPE DRAIN REMOVAL	REMOVING INLETS	TYPE F INLET BOX, STANDARD 610001	TYPE G INLET BOX, STANDARD 610001	PIPE DRAINS, 12"	CONCRETE THRUST BLOCKS	PRC FLARED END SECTIONS, 12"
STATION	TO	STATION	SIDE	EACH	FOOT	EACH	EACH	EACH	FOOT	EACH	EACH
SCOTT COUNTY											
WESTBOUND											
106+06.77	TO	106+26.19	INSIDE SHOULDER		25	1		1	19	1	1
106+30.96	TO	106+35.72	OUTSIDE SHOULDER		25	1	1		19	1	1
199+51.27	TO	199+53.37	INSIDE SHOULDER		25	1		1	19	1	1
261+15.71			MEDIAN	1							
EASTBOUND											
105+75.00	TO	105+94.50	OUTSIDE SHOULDER		25	1	1		19	1	1
105+92.89	TO	106+02.34	INSIDE SHOULDER		25	1		1	19	1	1
198+95.79	TO	198+97.74	OUTSIDE SHOULDER		25	1	1		19	1	1
SCOTT COUNTY TOTAL				1	150	6	3	3	114	6	6
MORGAN COUNTY											
MEDIAN CROSSOVER											
434+39.26			MEDIAN	1							
MORGAN COUNTY TOTAL				1	0	0	0	0	0	0	0
PROJECT TOTAL				2	150	6	3	3	114	6	6



USER NAME = bclimmermann	DESIGNED -	REVISED -
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PLOT DATE = 2/13/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	86-10RS-5/69-6RS-3	SCOTT/MORGAN	83	17
		CONTRACT NO. 72A58		
		ILLINOIS	FED. AID PROJECT	

PATCHING										
LOCATION				CLASS A PATCHES, TYPE I, 12 INCH	CLASS A PATCHES, TYPE II, 12 INCH	CLASS A PATCHES, TYPE III, 12 INCH	CLASS A PATCHES, TYPE IV, 12 INCH	PATCHING REINFORCEMENT	SAW CUTS	TIE BARS 3/4"
STATION	LANE	LENGTH	WIDTH	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH
SCOTT COUNTY										
WESTBOUND										
108+75	DL	8	6		5.3			5.3	40	
110+75	DL	15	6		10.0			10.0	54	
113+68	DL	30	6			20.0		20.0	84	11
128+89	DL	5	6	3.3				3.3	34	
131+06	DL	15	6		10.0			10.0	54	
131+29	DL	5	6	3.3				3.3	34	
133+23	DL	20	6		13.3			13.3	64	
133+56	DL	15	6		10.0			10.0	54	
150+19	DL	5	6	3.3				3.3	34	
156+68	DL	30	6			20.0		20.0	84	11
160+50	DL	5	6	3.3				3.3	34	
163+70	DL	5	6	3.3				3.3	34	
167+88	DL	10	6		6.7			6.7	44	
168+64	DL	10	6		6.7			6.7	44	
168+82	DL	10	12		13.3			13.3	68	
169+09	DL	20	6		13.3			13.3	64	
170+74	DL	5	6	3.3				3.3	34	
177+62	DL	5	6	3.3				3.3	34	
179+86	DL	8	6		5.3			5.3	40	
185+82	DL	5	6	3.3				3.3	34	
207+22	DL	6	6	4.0				4.0	36	
208+40	DL	6	6	4.0				4.0	36	
210+20	DL	5	6	3.3				3.3	34	
211+18	DL	5	6	3.3				3.3	34	
242+79	DL	5	6	3.3				3.3	34	
246+82	DL	5	6	3.3				3.3	34	
247+50	DL	7	6	4.7				4.7	38	
249+45	DL	10	6		6.7			6.7	44	
249+62	DL	10	12		13.3			13.3	68	
250+61	DL	5	6	3.3				3.3	34	
251+83	DL	10	12		13.3			13.3	68	
255+23	DL	5	6	3.3				3.3	34	
255+66	DL	5	6	3.3				3.3	34	
257+94	DL	5	6	3.3				3.3	34	
EASTBOUND							40.0	40.0	108	22
107+00	PL	30	12							
107+16	DL	5	6	3.3				3.3	34	
108+21	DL	8	6		5.3			5.3	40	
109+80	DL	6	6	4.0				4.0	36	
111+00	DL	20	6		13.3			13.3	64	
113+80	DL	10	6		6.7			6.7	44	
114+00	DL	5	6	3.3				3.3	34	
120+33	DL	6	12		8.0			8.0	60	
123+15	DL	8	6		5.3			5.3	40	
123+70	DL	7	6	4.7				4.7	38	
125+28	DL	5	6	3.3				3.3	34	
125+80	DL	9	6		6.0			6.0	42	
126+16	DL	7	6	4.7				4.7	38	
126+98	DL	5	6	3.3				3.3	34	
127+15	DL	5	6	3.3				3.3	34	
127+65	DL	8	12		10.7			10.7	64	
129+15	DL	10	6		6.7			6.7	44	
129+60	DL	10	6		6.7			6.7	44	
130+22	DL	5	6	3.3				3.3	34	
130+72	DL	5	6	3.3				3.3	34	
133+75	DL	10	6		6.7			6.7	44	
137+57	DL	5	6	3.3				3.3	34	
138+97	DL	10	6		6.7			6.7	44	
150+00	DL	20	6		13.3			13.3	64	
150+50	DL	20	6		13.3			13.3	64	
152+10	DL	5	6	3.3				3.3	34	
153+46	DL	5	6	3.3				3.3	34	
153+70	DL	5	6	3.3				3.3	34	
154+79	DL	7	6	4.7				4.7	38	
155+37	DL	7	6	4.7				4.7	38	
156+55	DL	15	6		10.0			10.0	54	
157+12	DL	8	6		5.3			5.3	40	
159+39	DL	5	6	3.3				3.3	34	
160+35	DL	7	6	4.7				4.7	38	
160+82	DL	5	6	3.3				3.3	34	
160+94	DL	5	6	3.3				3.3	34	
162+18	DL	5	6	3.3				3.3	34	
163+90	DL	10	6		6.7			6.7	44	
164+45	DL	6	6	4.0				4.0	36	
164+95	DL	8	6		5.3			5.3	40	
166+70	DL	5	6	3.3				3.3	34	
167+05	DL	5	12		6.7			6.7	58	
167+80	DL	5	6	3.3				3.3	34	
170+00	DL	5	6	3.3				3.3	34	
170+22	DL	8	6		5.3			5.3	40	
170+62	DL	5	6	3.3				3.3	34	
171+40	DL	5	6	3.3				3.3	34	
175+37	DL	5	6	3.3				3.3	34	

USER NAME = bclimmermann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		72	86-10RS-5/69-6RS-3	SCOTT/MORGAN	83	18				
	CHECKED -	REVISED -						CONTRACT NO. 72A58				
PLOT DATE = 2/13/2025	DATE -	REVISED -		SCALE:	SHEET 7	OF 9	SHEETS	STA.	TO STA.			

PATCHING										
LOCATION				CLASS A PATCHES, TYPE I, 12 INCH	CLASS A PATCHES, TYPE II, 12 INCH	CLASS A PATCHES, TYPE III, 12 INCH	CLASS A PATCHES, TYPE IV, 12 INCH	PATCHING REINFORCEMENT	SAW CUTS	TIE BARS 3/4"
STATION	LANE	LENGTH	WIDTH	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH
179+68	DL	6	6	4.0				4.0	36	
180+88	DL	5	6	3.3				3.3	34	
181+20	DL	10	6		6.7			6.7	44	
192+30	DL	6	6	4.0				4.0	36	
192+83	DL	5	6	3.3				3.3	34	
196+18	DL	6	6	4.0				4.0	36	
196+30	DL	5	6	3.3				3.3	34	
196+72	DL	5	6	3.3				3.3	34	
201+80	DL	5	6	3.3				3.3	34	
203+50	DL	10	6		6.7			6.7	44	
204+79	DL	5	6	3.3				3.3	34	
213+95	DL	5	6	3.3				3.3	34	
214+42	DL	5	6	3.3				3.3	34	
233+12	DL	5	6	3.3				3.3	34	
235+72	DL	6	6	4.0				4.0	36	
235+93	DL	15	6		10.0			10.0	54	
236+35	DL	5	6	3.3				3.3	34	
236+67	DL	5	6	3.3				3.3	34	
237+06	DL	5	6	3.3				3.3	34	
237+56	DL	5	6	3.3				3.3	34	
241+95	DL	5	6	3.3				3.3	34	
245+70	DL	47	6				31.3	31.3	118	18
246+93	DL	15	6		10.0			10.0	54	
248+34	DL	6	6	4.0				4.0	36	
250+00	DL	6	6	4.0				4.0	36	
250+41	DL	15	6		10.0			10.0	54	
251+06	DL	5	6	3.3				3.3	34	
252+20	DL	45	6				30.0	30.0	114	17
253+15	DL	14	6		9.3			9.3	52	
253+68	DL	16	6		10.7			10.7	56	
255+45	DL	5	6	3.3				3.3	34	
255+90	DL	5	6	3.3				3.3	34	
256+30	DL	8	6		5.3			5.3	40	
256+39	DL	10	6		6.7			6.7	44	
256+93	DL	5	6	3.3				3.3	34	
257+28	DL	6	12		8.0			8.0	60	
257+78	DL	30	6			20.0		20.0	84	11
258+12	DL	5	6	3.3				3.3	34	
261+00	DL	18	6		12.0			12.0	60	
261+87	DL	5	6	3.3				3.3	34	
SCOTT COUNTY TOTAL				258	371	60	102	791	5320	90
MORGAN COUNTY										
WESTBOUND										
261+59	DL	5	6	3.3				3.3	34	
267+77	DL	5	6	3.3				3.3	34	
273+63	DL	6	6	4.0				4.0	36	
276+12	DL	6	6	4.0				4.0	36	
276+70	DL	5	6	3.3				3.3	34	
276+83	DL	5	6	3.3				3.3	34	
277+37	DL	5	6	3.3				3.3	34	
277+90	DL	6	6	4.0				4.0	36	
278+25	DL	6	6	4.0				4.0	36	
278+95	DL	7	6	4.7				4.7	38	
287+69	DL	5	6	3.3				3.3	34	
291+27	DL	5	6	3.3				3.3	34	
294+15	DL	15	6		10.0			10.0	54	
295+54	DL	5	6	3.3				3.3	34	
300+82	DL	7	6	4.7				4.7	38	
306+06	DL	5	6	3.3				3.3	34	
306+32	DL	5	6	3.3				3.3	34	
397+86	DL	10	6		6.7			6.7	44	
399+45	DL	22	12				29.3	29.3	92	16
399+88	DL	7	6	4.7				4.7	38	
401+14	DL	14	12			18.7		18.7	76	
441+60	DL	8	6		5.3			5.3	40	
409+20	DL	7	6	4.7				4.7	38	
411+31	DL	5	6	3.3				3.3	34	
416+02	DL	5	6	3.3				3.3	34	
416+48	DL	7	6	4.7				4.7	38	
417+47	DL	7	6	4.7				4.7	38	
418+90	DL	5	6	3.3				3.3	34	
419+71	DL	5	6	3.3				3.3	34	
420+58	DL	5	6	3.3				3.3	34	
439+71	DL	5	6	3.3				3.3	34	
441+60	DL	7	12		9.3			9.3	62	
EASTBOUND										
265+10	DL	5	6	3.3				3.3	34	
268+80	DL	5	6	3.3				3.3	34	
274+80	DL	5	6	3.3				3.3	34	
290+85	DL	5	6	3.3				3.3	34	
294+17	DL	5	6	3.3				3.3	34	
295+50	DL	5	6	3.3				3.3	34	
297+22	DL	5	6	3.3				3.3	34	

 HORNER SHIFFRIN WWW.HORNERSHIFFRIN.COM	USER NAME = bclimmemann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						72	86-10RS-5/69-6RS-3	SCOTT/MORGAN	83	19
		CHECKED -	REVISED -						CONTRACT NO. 72A58				
	PLOT DATE = 2/13/2025	DATE -	REVISED -		SCALE:	SHEET 8	OF 9 SHEETS	STA.	TO STA.				
					ILLINOIS FED. AID PROJECT								

PATCHING										
LOCATION				CLASS A PATCHES, TYPE I, 12 INCH	CLASS A PATCHES, TYPE II, 12 INCH	CLASS A PATCHES, TYPE III, 12 INCH	CLASS A PATCHES, TYPE IV, 12 INCH	PATCHING REINFORCEMENT	SAW CUTS	TIE BARS 3/4"
STATION	LANE	LENGTH	WIDTH	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH
299+11	DL	5	6	3.3				3.3	34	
299+26	DL	5	6	3.3				3.3	34	
303+13	DL	5	6	3.3				3.3	34	
303+60	DL	5	6	3.3				3.3	34	
308+93	DL	5	6	3.3				3.3	34	
312+07	DL	5	6	3.3				3.3	34	
312+40	DL	5	6	3.3				3.3	34	
321+13	DL	5	6	3.3				3.3	34	
323+60	DL	5	6	3.3				3.3	34	
353+80	DL	5	6	3.3				3.3	34	
357+96	DL	6	6	4.0				4.0	36	
365+42	DL	6	6	4.0				4.0	36	
368+52	DL	6	6	4.0				4.0	36	
371+31	DL	5	6	3.3				3.3	34	
373+20	DL	5	6	3.3				3.3	34	
375+40	DL	5	6	3.3				3.3	34	
378+05	DL	5	6	3.3				3.3	34	
382+45	DL	6	6	4.0				4.0	36	
385+07	DL	5	6	3.3				3.3	34	
397+89	DL	5	6	3.3				3.3	34	
398+06	DL	5	6	3.3				3.3	34	
401+05	DL	10	6		6.7			6.7	44	
401+33	DL	8	6		5.3			5.3	40	
401+70	DL	5	6	3.3				3.3	34	
408+60	DL	5	6	3.3				3.3	34	
417+00	DL	5	6	3.3				3.3	34	
421+82	DL	5	6	3.3				3.3	34	
428+57	DL	5	6	3.3				3.3	34	
429+97	DL	5	6	3.3				3.3	34	
432+80	DL	8	6		5.3			5.3	40	
MORGAN COUNTY TOTAL				214	49	19	30	312	2572	16
PROJECT TOTAL				472	420	79	132	1103	7892	106

NOTE: ACTUAL NEED FOR ADDITIONAL PATCHING AT LOCATIONS NOT LISTED IN SCHEDULE WILL BE DETERMINED IN FIELD AT TIME OF CONSTRUCTION BY THE ENGINEER. ANY QUANTITY NOT NEEDED FOR PATCHING AT TIME OF CONSTRUCTION SHALL BE DELETED FROM THE CONTRACT.

EARTHWORK									
LOCATION			EARTH EXCAVATION	AVERAGE SHRINKAGE FACTOR	EARTH EXCAVATION (ADJUSTED)	EMBANKMENT	EARTHWORK BALANCE		REMARKS
							EXCAVATION REQUIRED TO COMPLETE	EXCESS EXCAVATION	
STATION	TO	STATION	CU YD	%	CU YD	CU YD	CU YD	CU YD	
SCOTT COUNTY									
STAGE 1									
141+70.00	TO	146+10.00	135	15%	114	0	0	114	EXCESS EXCAVATION TO BE USED AS FILL AT MEDIAN CROSSTOVS
STAGE 2									
141+70.00	TO	146+10.00	96	15%	81	0	0	81	EXCESS EXCAVATION TO BE USED AS FILL AT MEDIAN CROSSTOVS
256+19.85	TO	262+29.22	236	15%	201	214	-13	0	USE EXCESS EXCAVATION FROM STAGE 1 & 2
SCOTT COUNTY TOTAL			470						
MORGAN COUNTY									
STAGE 1									
333+00.00	TO	336+80.00	128.45	15%	109	0	0	109	EXCESS EXCAVATION TO BE USED AS FILL AT MEDIAN CROSSTOVS
332+35.00	TO	337+40.00	154.68	15%	131	0	0	131	EXCESS EXCAVATION TO BE USED AS FILL AT MEDIAN CROSSTOVS
STAGE 2									
262+29.22	TO	265+37.85	44.56	15%	38	68	-30	0	USE EXCESS EXCAVATION FROM STAGE 1 & 2 AS BASE FOR TOPSOIL
332+35.00	TO	337+40.00	109.19	15%	93	0	0	93	EXCESS EXCAVATION TO BE USED AS FILL AT MEDIAN CROSSTOVS
333+00.00	TO	336+80.00	90.67	15%	77	0	0	77	EXCESS EXCAVATION TO BE USED AS FILL AT MEDIAN CROSSTOVS
430+24.61	TO	439+37.63	281.38	15%	239	196	0	43	EXCESS EXCAVATION TO BE USED AS FILL AT MEDIAN CROSSTOVS
MORGAN COUNTY TOTAL			810						
PROJECT TOTAL			1280						

 HORNER SHIFFRIN WWW.HORNERSHIFFRIN.COM	USER NAME = bclimmermann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						72	86-10RS-5/69-6RS-3	SCOTT/MORGAN	83	20
		CHECKED -	REVISED -		CONTRACT NO. 72A58								
	PLOT DATE = 2/13/2025	DATE -	REVISED -										
					SCALE:	SHEET 9	OF 9	SHEETS	STA.	TO STA.			

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		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 3/19/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS
I-72 RESURFACING

SCALE: 1"=200' SHEET 1 OF 4 SHEETS STA. 0+00.00 TO STA. 120+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	21
CONTRACT NO. 72A58				
ILLINOIS			FED. AID PROJECT	

MATCHLINE STA. 60+00.00

0+00.1 2 3 4 5+00.8 6 7 8 9 10+00.1 11 12 13 14 15+00.1 16 17 18 19 20+00.2 21 22 23 24 25+00.2 26 27 28 29 30+00.3 31 32 33 34 35+00.3 36 37 38 39 40+00.4 41 42 43 44 45+00.4 46 47 48 49 50+00.5 51 52 53 54 55+00.5 56 57 58 59

I-72 MAINLINE			
POINT TYPE	STATION	NORTHING	EASTING
POT	0+00.000	1097836.446	2212386.210
PI	5+36.085	1097844.876	2212922.229
PI	22+12.748	1097870.849	2214598.691
PI	39+22.575	1097897.680	2216308.307
PC	54+35.178	1097921.389	2217820.725
PI	59+78.128	1097929.899	2218363.608
PT	65+21.045	1097928.043	2218906.555
PI	78+09.177	1097923.640	2220194.679
PI	91+64.523	1097919.023	2221550.017
PI	104+34.877	1097914.418	2222820.363
PI	120+08.764	1097909.322	2224394.242
PI	147+78.533	1097899.930	2227163.995
PI	157+16.238	1097896.864	2228101.695
PC	193+34.545	1097885.098	2231719.982
PI	199+21.951	1097883.188	2232307.385
PT	205+07.039	1097791.294	2232887.558
PC	219+42.372	1097566.749	2234305.219
PI	225+42.832	1097472.812	2234898.286
PT	231+40.818	1097472.889	2235498.746
PI	242+17.162	1097473.027	2236575.090
PI	262+28.877	1097472.893	2238586.805
PI	295+38.731	1097473.334	2241896.659
PI	334+60.506	1097473.217	2245818.434
PI	361+23.742	1097473.329	2248481.670
PI	390+02.009	1097473.672	2251359.937
PI	408+56.670	1097473.613	2253214.598
PI	427+11.882	1097473.921	2255069.810
POT	443+19.490	1097475.242	2256677.417

PT STA 65+21.05

PI STA 78+09.18

PI STA 91+64.52

PI STA 104+34.88

PI STA 120+08.76

MATCHLINE STA. 120+00.00

0 200 400
SCALE IN FEET



0 200 400
SCALE IN FEET



EX CURVE
PI STA = 59+78.13
Δ = 01°05'38" (RT)
D = 00°06'03"
R = 56,871.62'
T = 542.95'
L = 1085.87'
E = 2.59'
PC STA = 54+35.18
PT STA = 65+21.05

MATCHLINE STA. 60+00.00

PI STA 59+78.13

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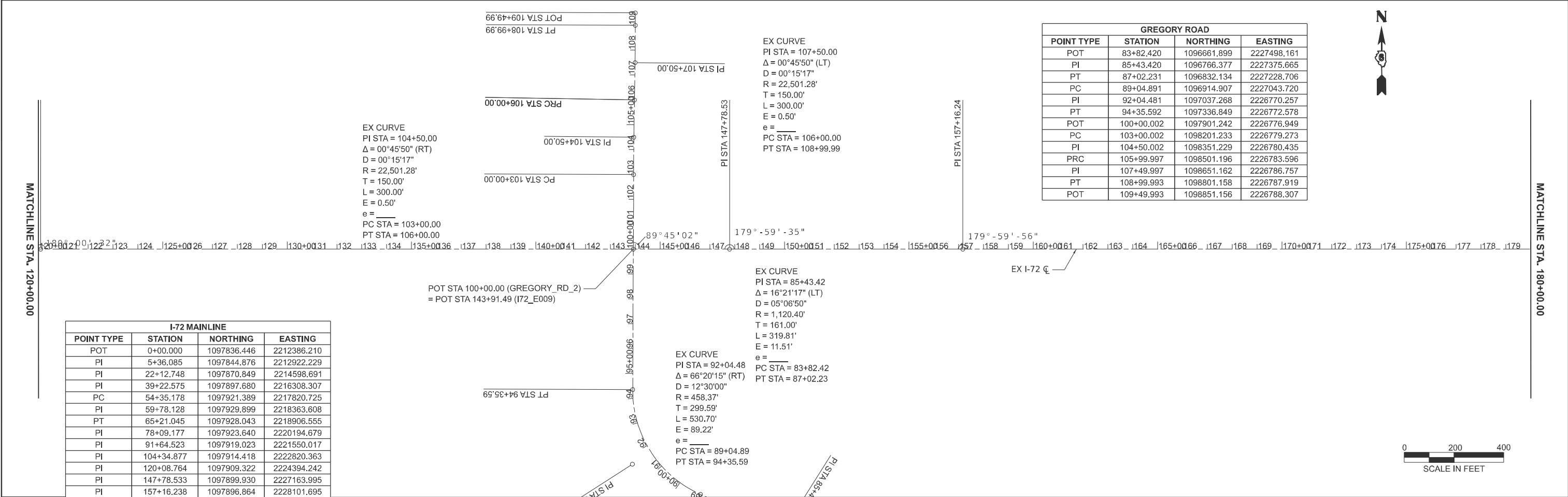
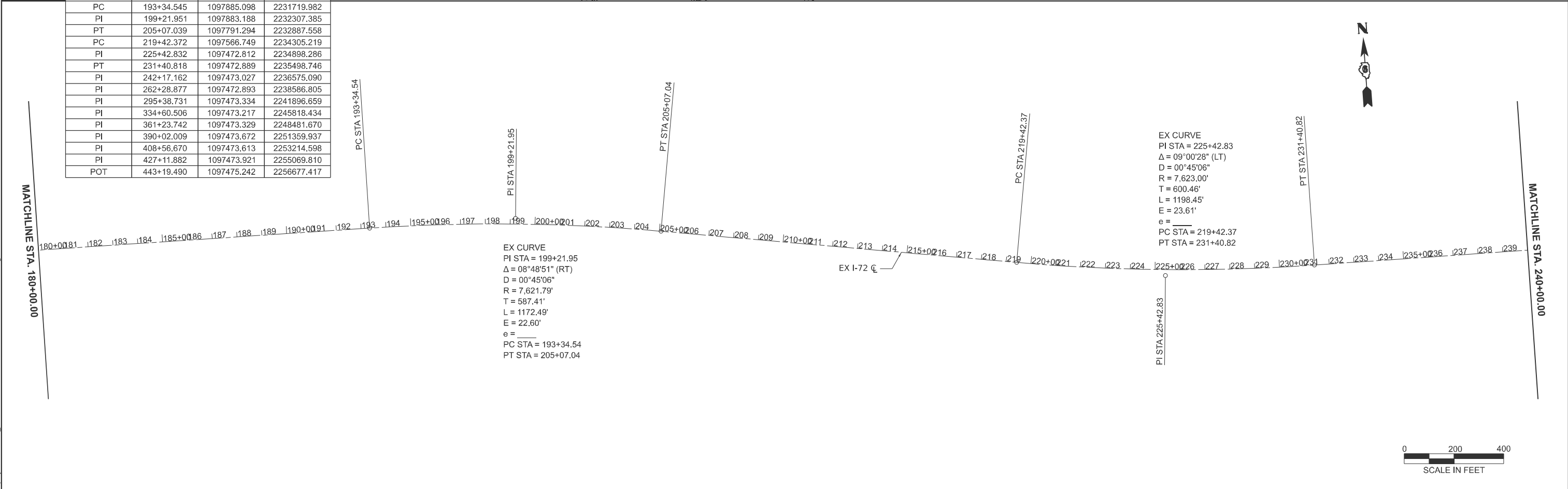


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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/19/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS			
SCALE: 1"=200'	SHEET 2	OF 4 SHEETS	STA. 120+00.00 TO STA. 240+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	22
				CONTRACT NO. 72A58
				ILLINOIS FED. AID PROJECT



I-72 MAINLINE			
POINT TYPE	STATION	NORTHING	EASTING
POT	0+00.000	1097836.446	2212386.210
PI	5+36.085	1097844.876	2212922.229
PI	22+12.748	1097870.849	2214598.691
PI	39+22.575	1097897.680	2216308.307
PC	54+35.178	1097921.389	2217820.725
PI	59+78.128	1097929.899	2218363.608
PT	65+21.045	1097928.043	2218906.555
PI	78+09.177	1097923.640	2220194.679
PI	91+64.523	1097919.023	2221550.017
PI	104+34.877	1097914.418	2222820.363
PI	120+08.764	1097909.322	2224394.242
PI	147+78.533	1097899.930	2227163.995
PI	157+16.238	1097896.864	2228101.695
PC	193+34.545	1097885.098	2231719.982
PI	199+21.951	1097883.188	2232307.385
PT	205+07.039	1097791.294	2232887.558
PC	219+42.372	1097566.749	2234305.219
PI	225+42.832	1097472.812	2234898.286
PT	231+40.818	1097472.889	2235498.746
PI	242+17.162	1097473.027	2236575.090
PI	262+28.877	1097472.893	2238586.805
PI	295+38.731	1097473.334	2241896.659
PI	334+60.506	1097473.217	2245818.434
PI	361+23.742	1097473.329	2248481.670
PI	390+02.009	1097473.672	2251359.937
PI	408+56.670	1097473.613	2253214.598
PI	427+11.882	1097473.921	2255069.810
POT	443+19.490	1097475.242	2256677.417

GREGORY ROAD			
POINT TYPE	STATION	NORTHING	EASTING
POT	83+82.420	1096661.899	2227498.161
PI	85+43.420	1096766.377	2227375.665
PT	87+02.231	1096832.134	2227228.706
PC	89+04.891	1096914.907	2227043.720
PI	92+04.481	1097037.268	2226770.257
PT	94+35.592	1097336.849	2226772.578
POT	100+00.002	1097901.242	2226776.949
PC	103+00.002	1098201.233	2226779.273
PI	104+50.002	1098351.229	2226780.435
PRC	105+99.997	1098501.196	2226783.596
PI	107+49.997	1098651.162	2226786.757
PT	108+99.993	1098801.158	2226787.919
POT	109+49.993	1098851.156	2226788.307

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		CHECKED	-	REVISED	-
PLOT DATE	= 3/19/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS
I-72 RESURFACING

SCALE: 1"=200' SHEET 3 OF 4 SHEETS STA. 240+00.00 TO STA. 360+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	23
				CONTRACT NO. 72A58
		ILLINOIS	FED. AID PROJECT	

MATCHLINE STA. 240+00.00

PI STA 242+17.16

PI STA 262+28.88

PI STA 295+38.73

I-72 MAINLINE			
POINT TYPE	STATION	NORTHING	EASTING
POT	0+00.000	1097836.446	2212386.210
PI	5+36.085	1097844.876	2212922.229
PI	22+12.748	1097870.849	2214598.691
PI	39+22.575	1097897.680	2216308.307
PC	54+35.178	1097921.389	2217820.725
PI	59+78.128	1097929.899	2218363.608
PT	65+21.045	1097928.043	2218906.555
PI	78+09.177	1097923.640	2220194.679
PI	91+64.523	1097919.023	2221550.017
PI	104+34.877	1097914.418	2222820.363
PI	120+08.764	1097909.322	2224394.242
PI	147+78.533	1097899.930	2227163.995
PI	157+16.238	1097896.864	2228101.695
PC	193+34.545	1097885.098	2231719.982
PI	199+21.951	1097883.188	2232307.385
PT	205+07.039	1097791.294	2232887.558
PC	219+42.372	1097566.749	2234305.219
PI	225+42.832	1097472.812	2234898.286
PT	231+40.818	1097472.889	2235498.746
PI	242+17.162	1097473.027	2236575.090
PI	262+28.877	1097472.893	2238586.805
PI	295+38.731	1097473.334	2241896.659
PI	334+60.506	1097473.217	2245818.434
PI	361+23.742	1097473.329	2248481.670
PI	390+02.009	1097473.672	2251359.937
PI	408+56.670	1097473.613	2253214.598
PI	427+11.882	1097473.921	2255069.810
POT	443+19.490	1097475.242	2256677.417



MATCHLINE STA. 300+00.00

EX I-72 CL

POT STA 100+00.00 (LYNNVILLE_LN)
= POT STA 334+88.49 (I72_E009)

EX CURVE
PI STA = 105+37.92
Δ = 03°18'39" (RT)
D = 00°45'00"
R = 7,636.44'
T = 220.78'
L = 441.43'
E = 3.19'
e = 0'
PC STA = 103+17.14
PT STA = 107+58.57

PI STA 109+79.35
PI STA 334+60.51
PI STA 105+37.92
PC STA 103+17.14

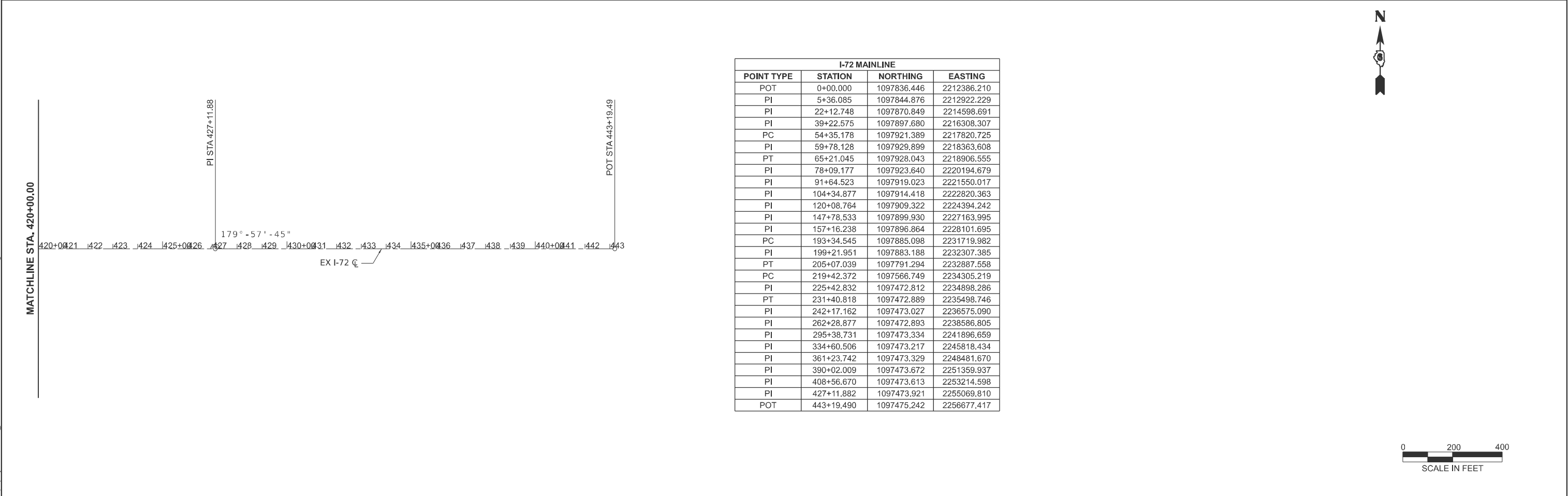
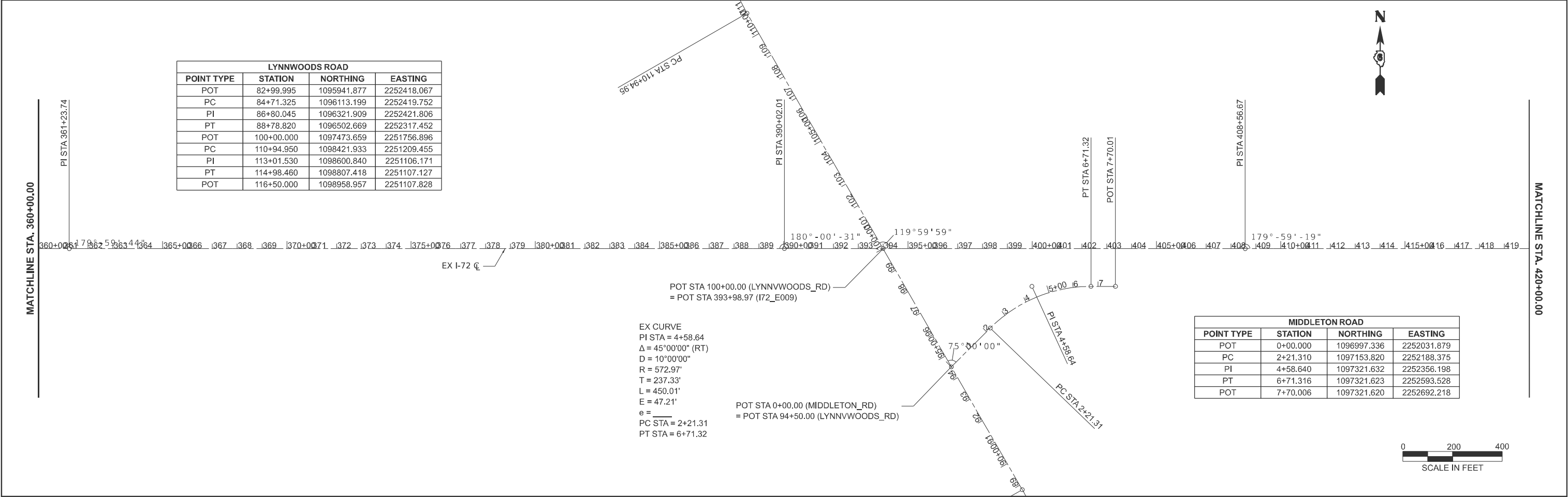
179°-59'45" 89°18'56"

LYNNVILLE LANE			
POINT TYPE	STATION	NORTHING	EASTING
POT	88+00.000	1096273.303	2245832.136
POT	100+00.000	1097473.218	2245846.420
PC	103+17.144	1097790.340	2245850.196
PI	105+37.920	1098011.100	2245852.824
PRC	107+58.573	1098231.340	2245868.196
PI	109+79.349	1098451.580	2245883.569
PT	112+00.002	1098672.341	2245886.197
POT	114+79.226	1098951.545	2245889.521



MATCHLINE STA. 300+00.00

MATCHLINE STA. 360+00.00



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PLOT DATE = 3/19/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

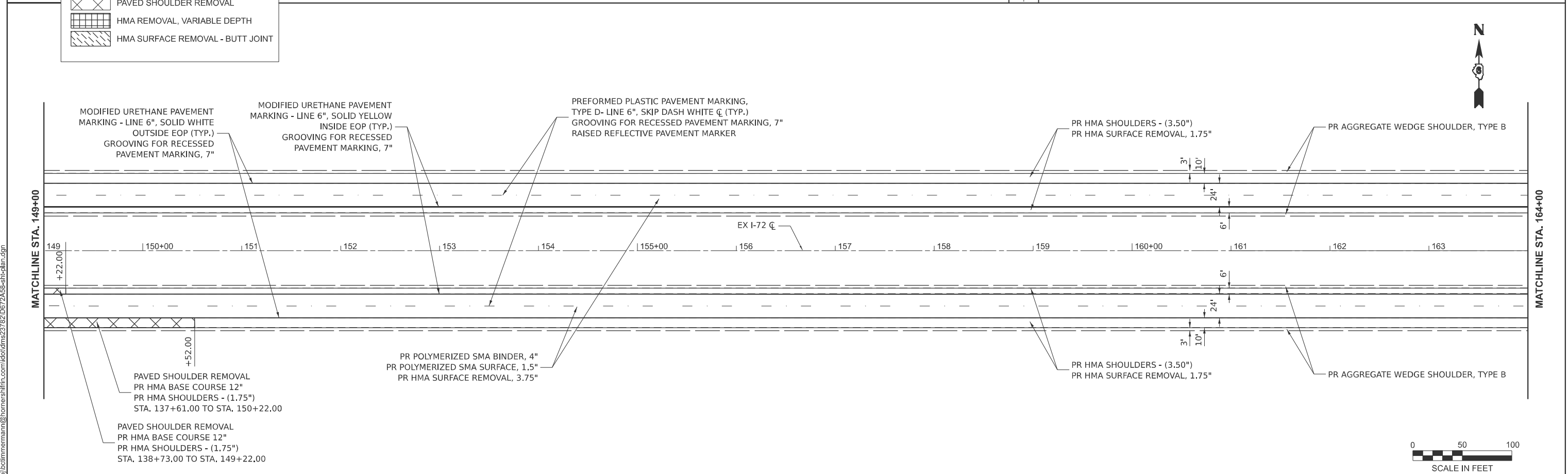
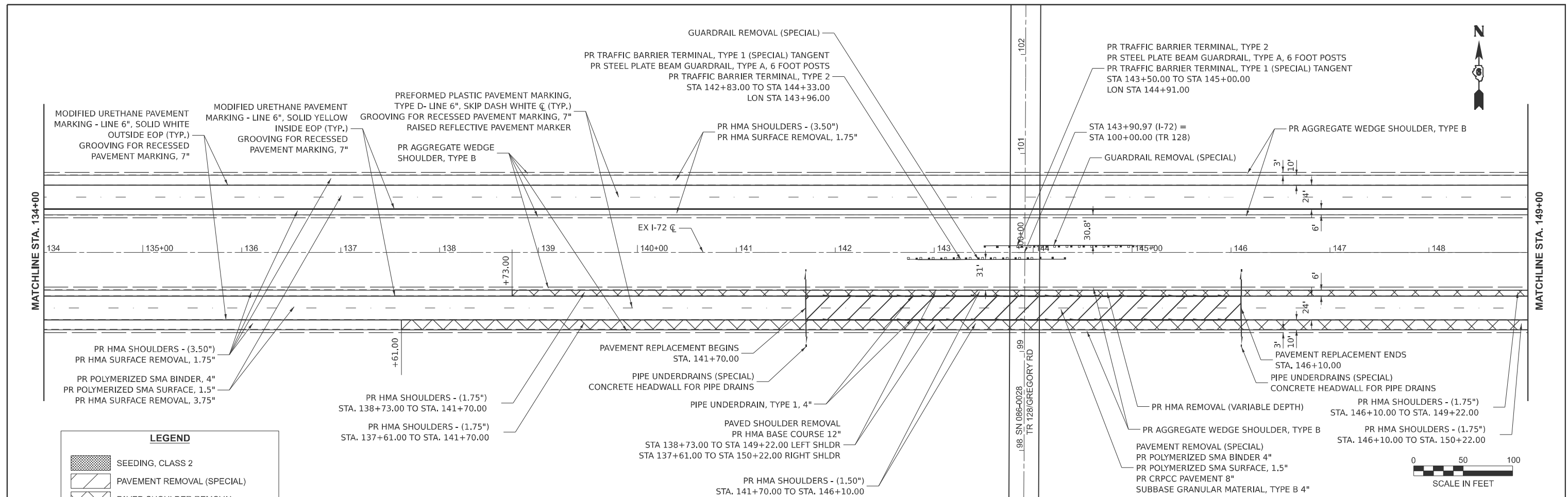
ALIGNMENT, TIES, AND BENCHMARKS			
I-72 RESURFACING			
SCALE: 1"=200'	SHEET 4	OF 4 SHEETS	STA. 360+00.00 TO STA. 480+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	24
				CONTRACT NO. 72A58
				ILLINOIS FED. AID PROJECT

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BENCHMARKS			
BENCHMARK	DESCRIPTION	STATION	OFFSET
189	PERMANENT SURVEY MARKER @ PI	5+36.09	0.00
BM RK-19	CHSLD X NE BOLT LIGHT POLE S SIDE I-72, 1ST POLE ALONG EBL OFF RAMP AT WINCHESTER INTERCHANGE	11+66.82	122.23 RT
188	PERMANENT SURVEY MARKER @ PI	22+12.75	0.00
BM RK-18	CHSLD [] N EDGE BASE OF PIER STR # 086-0027 AT OLD RT 36 OVERPASS	26+15.60	0.00
187	PERMANENT SURVEY MARKER @ PI	39+22.58	0.00
BM RK-17	CHSLD X SE BOLT LIGHT POLE N SIDE I-72, 1ST POLE ALONG WBL OFF RAMP AT WINCHESTER INTERCHANGE	41+16.52	123.67 LT
186	PERMANENT SURVEY MARKER @ PC	54+35.38	0.13 RT
185	PERMANENT SURVEY MARKER @ PT	65+20.85	0.00
184	PERMANENT SURVEY MARKER @ PI	78+09.18	0.00
183	PERMANENT SURVEY MARKER @ POT	91+64.52	0.00
BM RK-16	CHSLD [] TOP NW PARAPET APPROACH WALL STR # 086-0025 OVER RAILROAD EBL, APPROX 1.5 MILE E OF WINCHESTER INTERCHANGE	104+26.03	36.72 RT
BM RK-15	CHSLD [] TOP SE PARAPET APPROACH WALL STR # 086-0026 OVER RAILROAD WBL, APPROX 1.5 MILE E OF WINCHESTER INTERCHANGE	106+19.89	37.22 LT
181	PERMANENT SURVEY MARKER @ PI	120+08.76	0.00
BM RK-14	CHSLD [] TOP PIER BASE STR # 069-0028 AT GREGORY RD OVERPASS	143+91.49	0.00
180	PERMANENT SURVEY MARKER @ PI	147+78.53	0.00
178	PERMANENT SURVEY MARKER @ PI	157+16.24	0.00
BM RK-13	CHSLD [] CENTER N HDWL CULVERT	172+87.64	121.56 LT
BM RK-12	CHSLD [] CENTER N HDWL CULVERT, JUST E OF MILE MARKER 55	187+44.73	113.13 LT
PSM189	PERMANENT SURVEY MARKER @ POT	189+88.88	0.12 LT
177	PERMANENT SURVEY MARKER @ PC	193+34.56	0.14 LT
BM RK-11	CHSLD [] NEAR NW END PARAPET APPROACH WALL STR # 086-0023 EBL I-72 OVER WALNT CREEK	199+20.63	37.09 RT
BM RK-10	CHSLD [] NEAR SE END PARAPET APPROACH WALL STR # 086-0024 WBL I-72 OVER WALNT CREEK	200+76.58	37.48 LT
174	PERMANENT SURVEY MARKER @ POT	207+20.96	0.01 RT
RK173	PERMANENT SURVEY MARKER @ SEC CORNER	209+63.081	0.69 RT
171	PERMANENT SURVEY MARKER @ PC	219+43.87	0.03 LT
170	PERMANENT SURVEY MARKER @ PI	225+41.60	23.61 RT
169	PERMANENT SURVEY MARKER @ PT	231+43.06	0.04 LT
168	PERMANENT SURVEY MARKER @ PI	242+17.16	0.00
BM RK-9	CHSLD [] TOP CENTER GRATED MEDIAN INLET	248+05.11	1.14 LT
167	PERMANENT SURVEY MARKER @ PI	262+28.88	0.00
BM RK-8	CHSLD [] ON TOP CENTER W END OF GRATED MEDIAN INLET (E INLET)	274+02.78	0.16 RT
166	PERMANENT SURVEY MARKER @ POT	295+38.73	0.00
BM RK-7	CHSLD [] ON TOP CENTER W END OF GRATED MEDIAN INLET (E INLET)	305+03.97	0.31 LT
RK165	PERMANENT SURVEY MARKER @ SEC CORNER	308+52.60	17.10 RT
164	PERMANENT SURVEY MARKER @ PI	334+60.51	0.00
BM RK-6	CHSLD [] BASE OF PIER STR # 069-0053 TO LYNNVILLE LN OVERPASS	334+88.49	0.00
BM RK-5	CHSLD [] N LEG CONC FOUNDATION ALTON/JVILLE 2 MILE SIGN S SIDE I-72	352+04.59	103.41 RT
162	PERMANENT SURVEY MARKER @ PI	361+23.74	0.00
161	PERMANENT SURVEY MARKER @ PI	390+02.01	0.00
BM ZD-305	CHSLD [] NW COR MEDIAN INLET I-72 E OF BRIDGE STR # 069-0054	394+57.51	18.78 LT
PSM408	PERMANENT SURVEY MARKER @ PI	408+56.67	0.00
34	PERMANENT SURVEY MARKER @ PI	427+11.88	0.00
BM ZD-307	CHSLD [] S END OF 24" PIPE S SIDE I-72 & ACROSS FROM MEDIAN TURNAROUND	434+47.29	109.93 RT
BM ZP-501	CHSLD [] FOUNDATION E LEG SPRINGFIELD/QUINCY SIGN N SIDE W BOUND ON RAMP, 0.15 MILE N OF I-72/WINCH OVERHEAD	359+50.19	44.85 RT
BM ZP-502	CHSLD [] NW PARAPET WALL STR# 086-0027 TO OLD RT 36 OVERPASS	366+37.19	33.19 RT
BM ZP-503	CHSLD [] FOUNDATION W LEG I-72 SPRINGFIELD SIGN N SIDE E BOUND OFFRAMP, 0.125 MILE S OF I-72/WINCH OVERHEAD	374+30.600	53.11 RT

	USER NAME = ahernandez	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES, AND BENCHMARKS I-72 RESURFACING		F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	25
		CHECKED -	REVISED -				CONTRACT NO. 72A58				
	PLOT DATE = 3/19/2025	DATE -	REVISED -		SCALE: 1"=200'	SHEET 5	OF 5	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT



MODEL: I72_E009 - Plan 3 [Sheet]
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USER NAME	= bcclimmermann
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DRAWN	-
CHECKED	-
DATE	-
PLOT DATE	= 3/25/2025

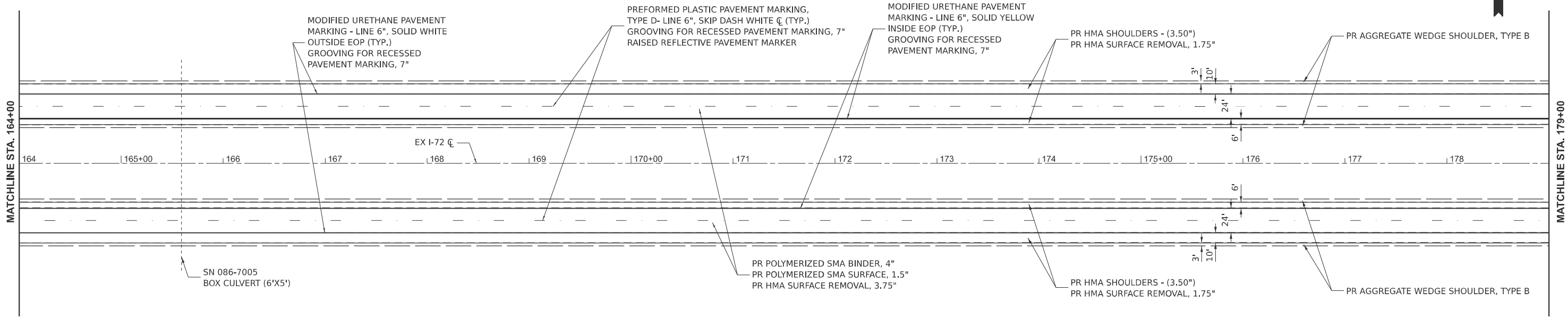
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DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

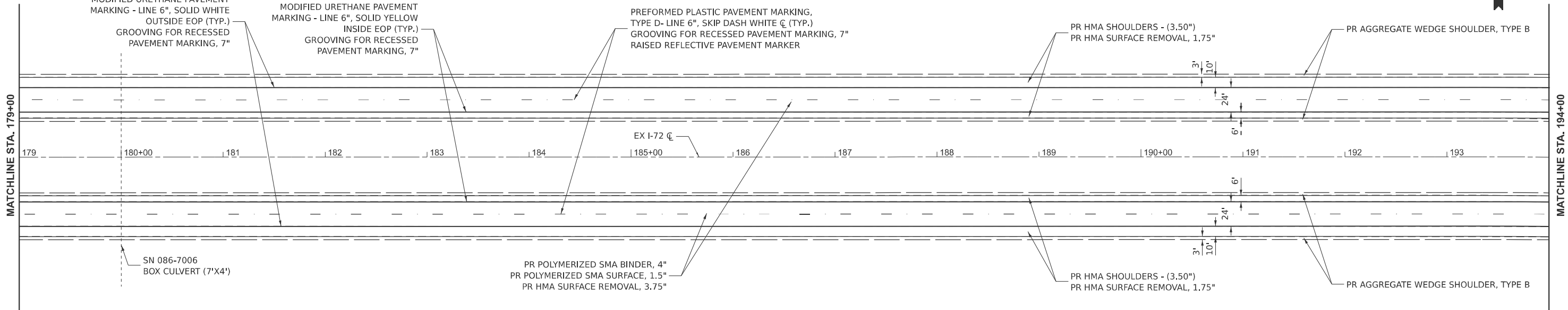
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

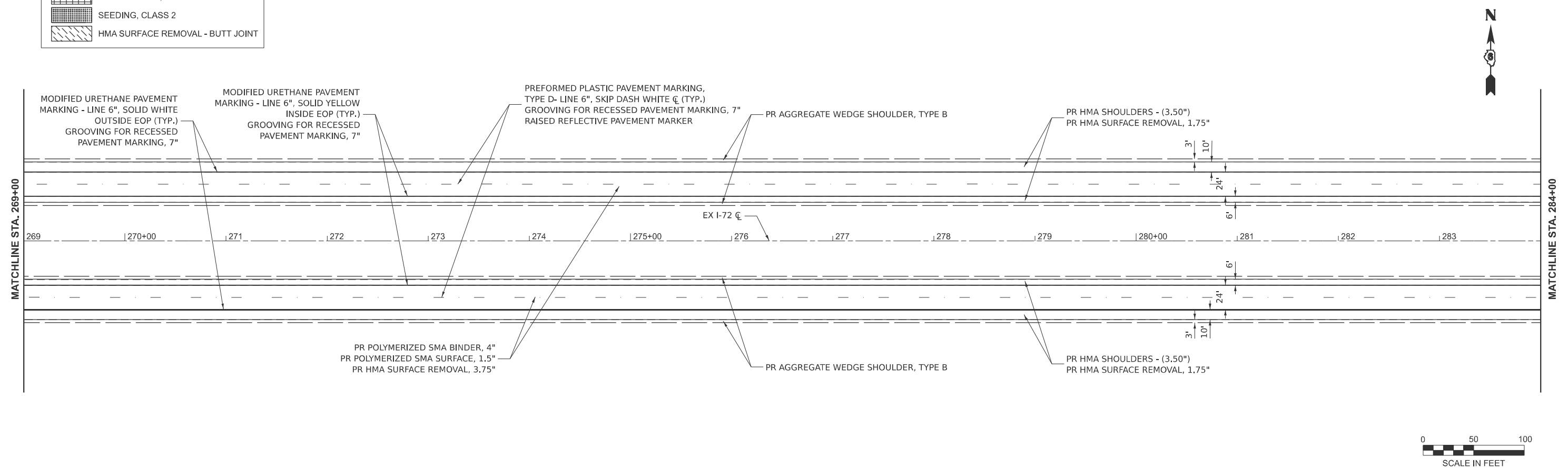
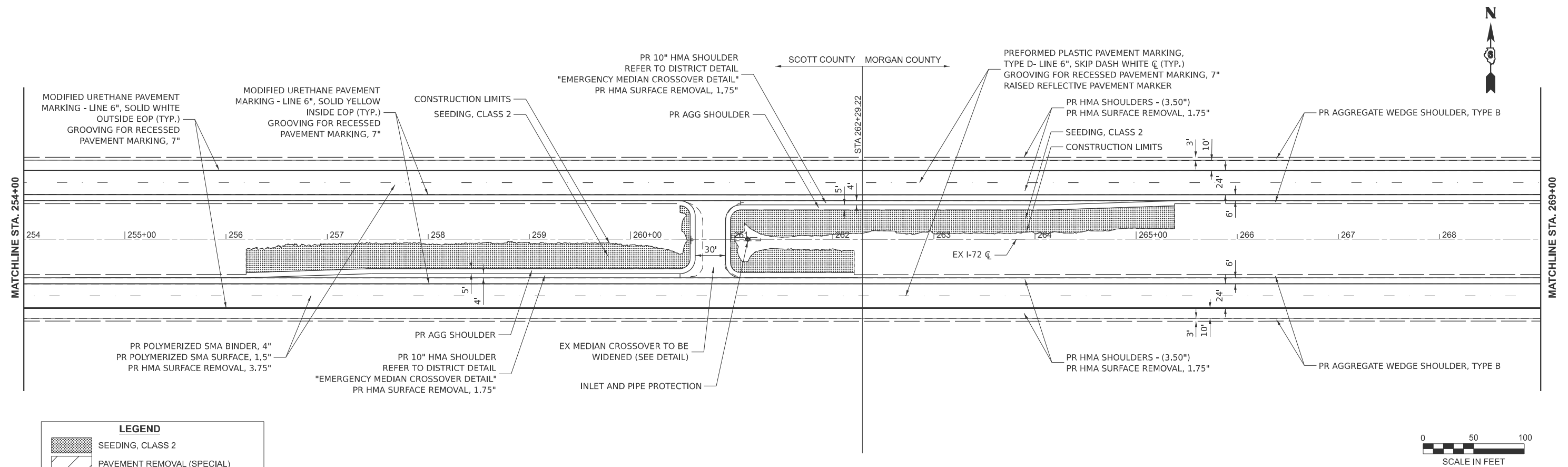
PLAN SHEET I-72 RESURFACING			
SCALE: 1"=50'	SHEET 3	OF 12 SHEETS	STA. 164+00.00 TO STA. 194+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	28
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				



LEGEND	
	SEEDING, CLASS 2
	PAVEMENT REMOVAL (SPECIAL)
	PAVED SHOULDER REMOVAL
	HMA REMOVAL, VARIABLE DEPTH
	HMA SURFACE REMOVAL - BUTT JOINT





MODEL: I72_E009 - Plan 8(Sheet)
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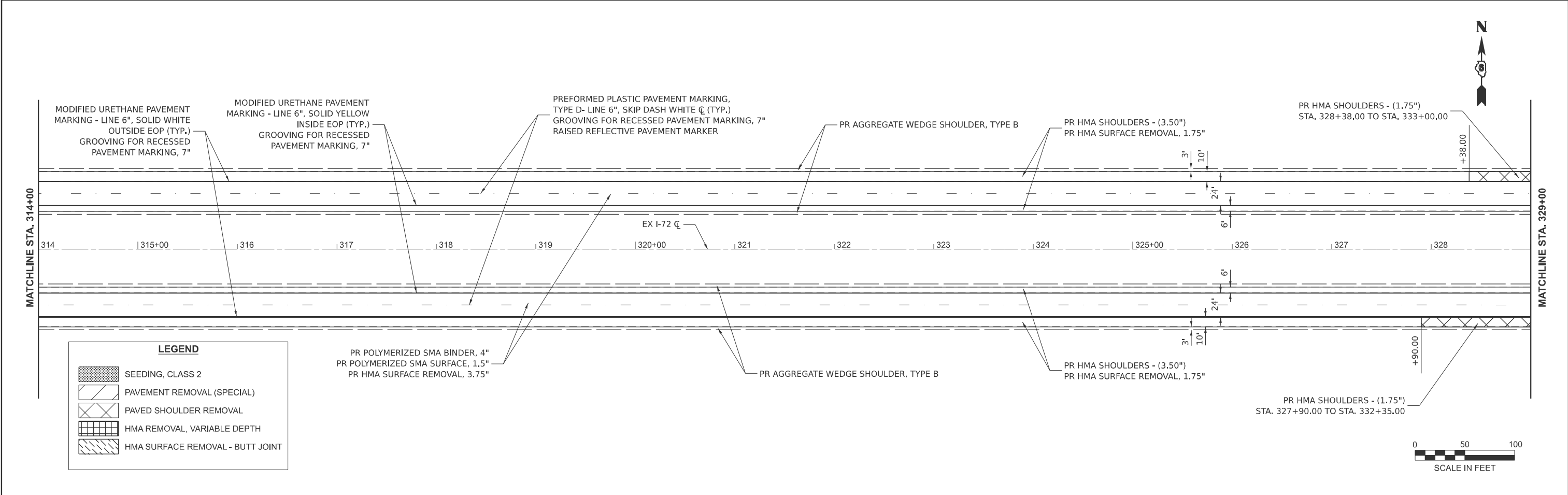
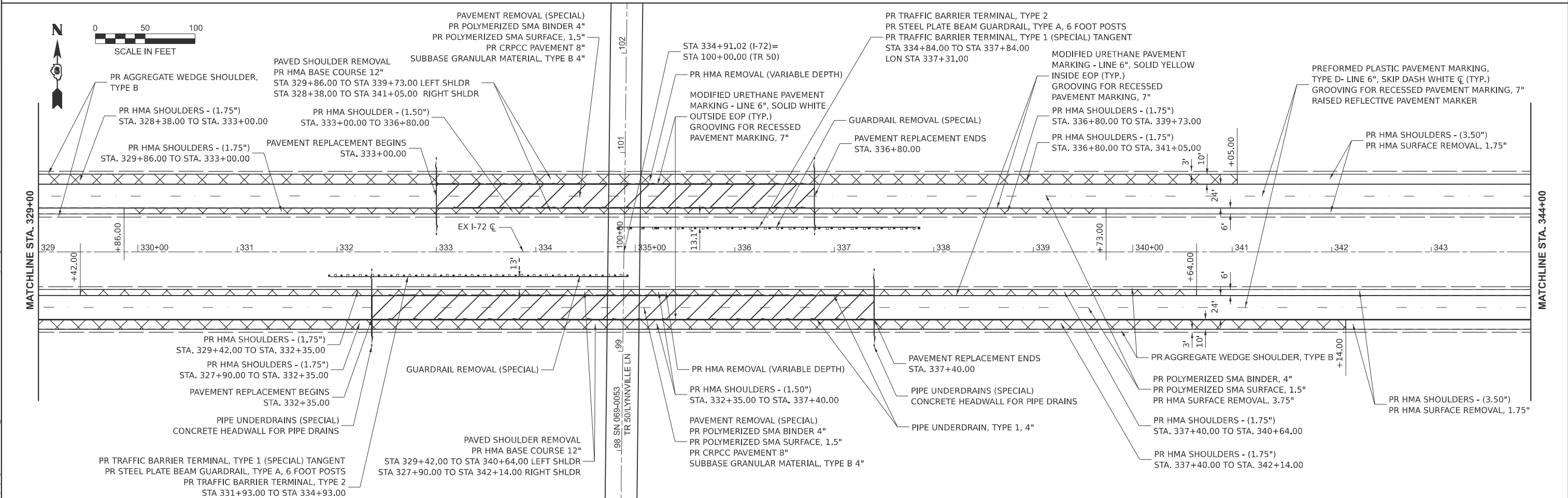
USER NAME =	bc\linemenn	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
PLOT DATE =	3/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
I-72 RESURFACING

SCALE: 1"=50' SHEET 8 OF 12 SHEETS STA. 314+00.00 TO STA. 344+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	33
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				



MODEL: I72_E009 - Plan 11 [Sheet]
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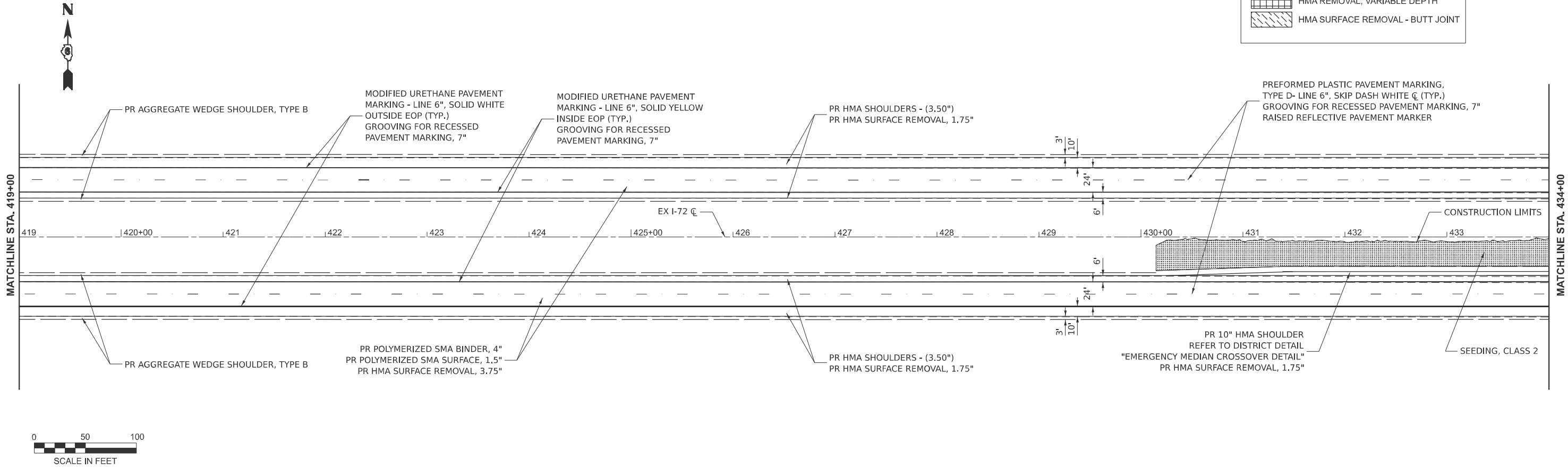
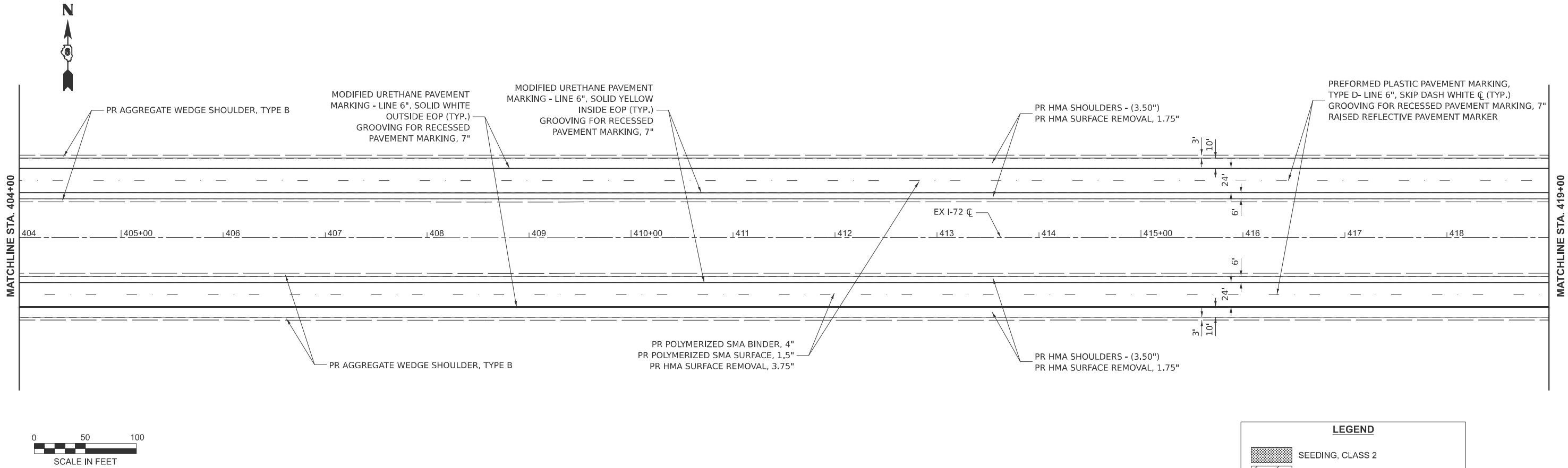
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/25/2025	DATE -	REVISED -

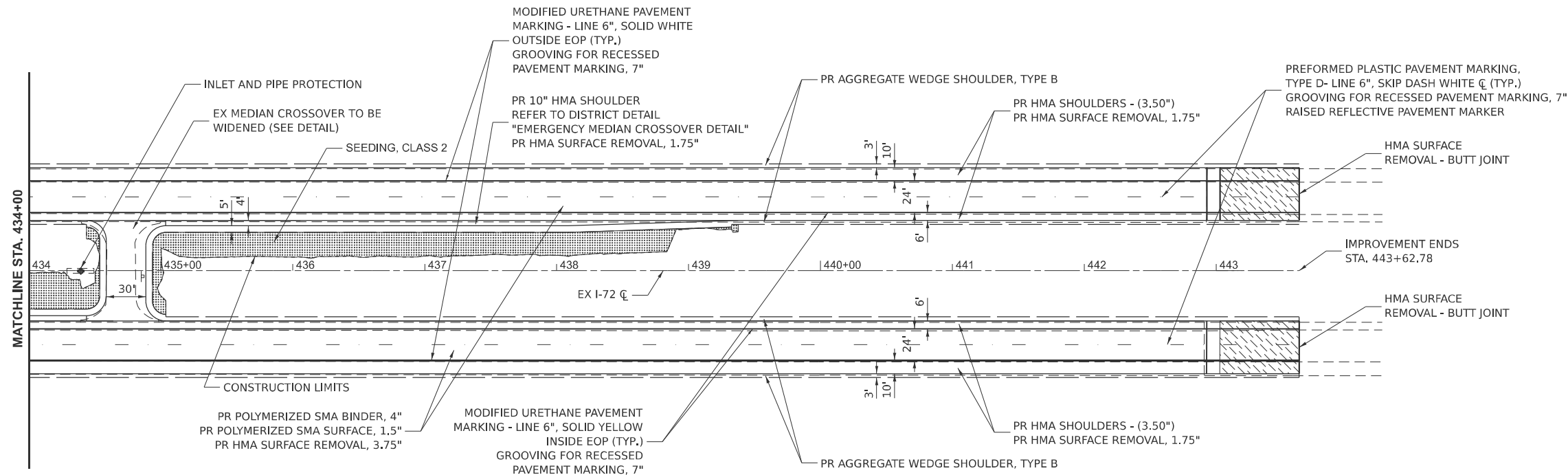
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
I-72 RESURFACING

SCALE: 1"=50' SHEET 11 OF 12 SHEETS STA. 404+00.00 TO STA. 434+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	36
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				





MODEL: I72_E009 - Plan 12 [Sheet]
FILE NAME: c:\p\p\p\j\bc\climmmann\horner\shifrin.com\id\idms23782\0672A58-shf-plan.dgn



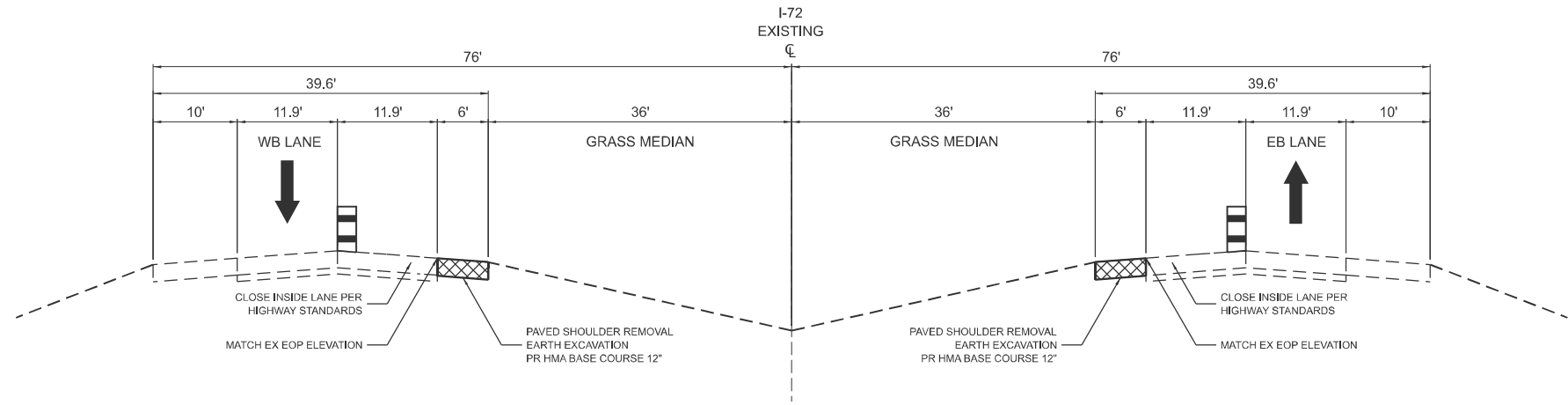
USER NAME = bcclimmmann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
I-72 RESURFACING

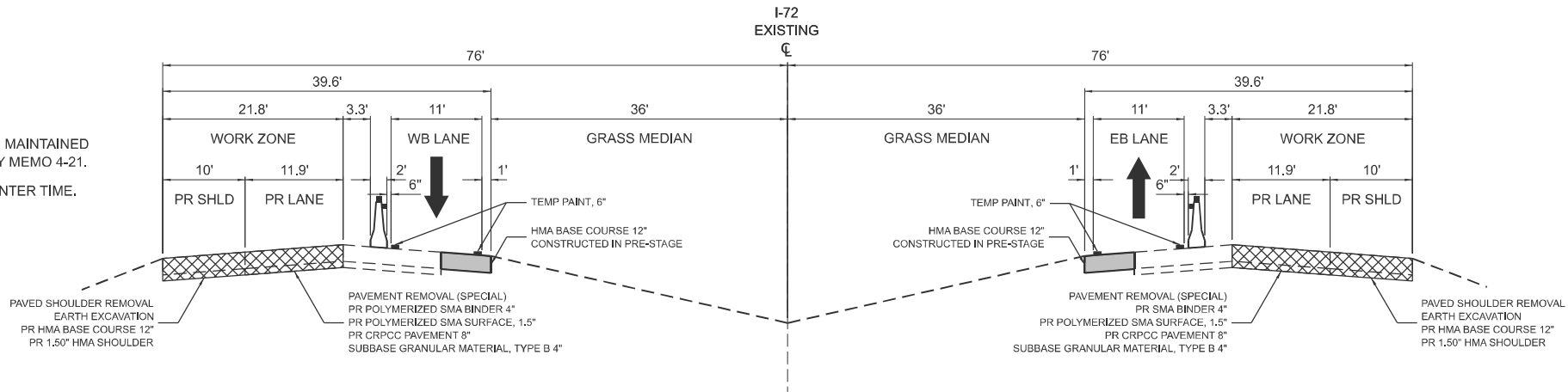
SCALE: 1"=50' SHEET 12 OF 12 SHEETS STA. 434+00.00 TO STA. 449+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	37
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

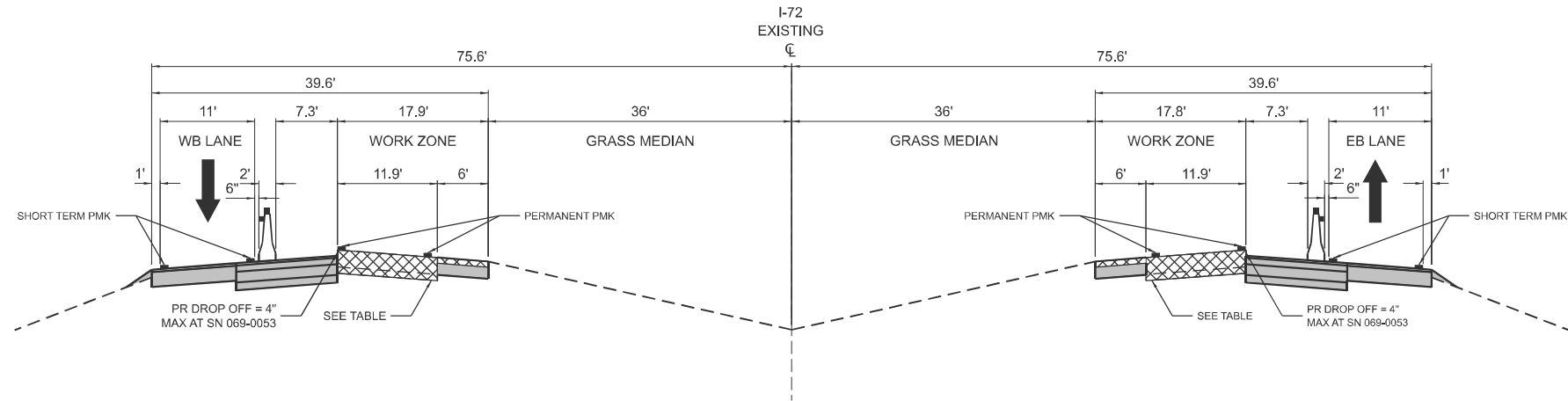


I-72 MOT TYPICAL SECTION – PRE-STAGE (RECON.)
INSIDE STA. 138+73.15 - 149+22.00 (EB) INSIDE STA. 329+86.00 - 339+73.00 (WB) INSIDE STA. 329+42.00 - 340+64.00 (EB)

- NOTES**
- [1] 3'-1" DEFLECTION WIDTH TO BE MAINTAINED TO AVOID PINNING PER SAFETY MEMO 4-21.
 - [2] NO UNEVEN LANES DURING WINTER TIME.



I-72 MOT TYPICAL SECTION – STAGE 1 (RECON.)
INSIDE STA. 138+73.15 - 149+22.00 (EB); OUTSIDE STA. 137+61.26 - 150+22.22 (EB)
INSIDE STA. 329+86.00 - 339+73.00 (WB); OUTSIDE STA. 328+38.00 - 341+05.00 (WB)
INSIDE STA. 329+42.00 - 340+64.00 (EB); OUTSIDE STA. 327+90.00 - 342+14.00 (EB)



I-72 MOT TYPICAL SECTION – STAGE 2 (RECON.)
INSIDE STA. 138+73.15 - 149+22.00 (EB); OUTSIDE STA. 137+61.26 - 150+22.22 (EB)
INSIDE STA. 329+86.00 - 339+73.00 (WB); OUTSIDE STA. 328+38.00 - 341+05.00 (WB)
INSIDE STA. 329+42.00 - 340+64.00 (EB); OUTSIDE STA. 327+90.00 - 342+14.00 (EB)

I-72 MOT TYPICAL SECTION – STAGE 3 (RECON.)
UTILIZE HIGHWAY STANDARDS TO PLACE OUTSIDE PERMANENT PAVEMENT MARKINGS.

LEGEND

- WORK ZONE
- PREVIOUSLY CONSTRUCTED
- TCB WITH TYPE C REFLECTORS
- DIRECTION OF TRAVEL
- TYPE II BARICADE

MAINLINE	STA.	PAY ITEM
RECON.	141+70.00 - 146+10.00 (EB) 332+35.00 - 337+40.00 (EB) 333+00.00 - 336+80.00 (WB)	PAVEMENT REMOVAL (SPECIAL) PR POLYMERIZED SMA BINDER 4" PR POLYMERIZED SMA SURFACE, 1.5" PR CRPCC PAVEMENT, 8" SUBBASE GRANULAR MATERIAL, TYPE B 4"

SHOULDER	STA.	PAY ITEM
SHIFT TAPER	INSIDE 138+73.15 - 141+70.00 (EB) 146+10.00 - 149+22.00 (EB) 329+42.00 - 332+35.00 (EB) 329+86.00 - 333+00.00 (WB) 336+80.00 - 339+73.00 (WB) 337+40.00 - 340+64.00 (EB)	PAVED SHOULDER REMOVAL EARTH EXCAVATION PR HMA BASE COURSE 12" PR 1.75" HMA SHOULDER
	OUTSIDE 137+61.26 - 141+70.00 (EB) 146+10.00 - 150+22.22 (EB) 327+90.00 - 332+35.00 (EB) 328+38.00 - 333+00.00 (WB) 336+80.00 - 341+05.00 (WB) 337+40.00 - 342+14.00 (EB)	
RECON.	141+70.00 - 146+10.00 (EB) 332+35.00 - 337+40.00 (EB) 333+00.00 - 336+80.00 (WB)	PAVED SHOULDER REMOVAL EARTH EXCAVATION PR HMA BASE COURSE 12" PR SURF REM, VAR DEPTH (SPECIAL) (INSIDE SHOULDERS ONLY) PR 1.50" HMA SHOULDER

MODEL: MOTTYP1 [Sheet]
FILE NAME: c:\pwp\j\bcimtermann\horner\shifrin\com\id\tdms\23782\0672\56-sh-I-MOT-1-typicals.dgn

USER NAME = bctimtermann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/25/2025	DATE -	REVISED -

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	38
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

CONSTRUCTION

TRAFFIC

CONTRACTOR TO CLOSE INSIDE SHOULDER AND INSIDE THROUGH LANE PER HIGHWAY STANDARDS AT THE RECONSTRUCTION LIMITS. TWO THROUGH LANES ARE TO BE MAINTAINED OUTSIDE OF THE SHOULDER RECONSTRUCTION LIMITS.

CONSTRUCTION

REMOVE EXISTING OUTSIDE THROUGH LANE AND PAVED SHOULDER, CONSTRUCT PROPOSED SUBBASE, REINFORCED CONCRETE, BINDER, AND SURFACE FOR THE OUTSIDE THROUGH LANE AND THE PROPOSED AGGREGATE AND PAVED SHOULDER WITHIN RECONSTRUCTION LIMITS. INSTALL PROPOSED UNDERDRAINS, STORM SEWER, AND LANDSCAPE RESTORATION.

TRAFFIC

CLOSE ONE LANE AS PORTRAYED IN THE SUGGESTED TRAFFIC PLANS. TRAFFIC IS TO BE SHIFTED ONTO INSIDE SHOULDERS (CONSTRUCTED IN PRE-STAGE) AND INSIDE LANE. CONTRACTOR TO MAINTAIN A 3'-1" DEFLECTION WIDTH TO AVOID PINNING TEMPORARY CONCRETE BARRIER AS DESCRIBED IN SAFETY MEMO 4-21.

CONSTRUCTION

COMPLETE PROPOSED PATCHING, MILL AND RESURFACING, AND
GUARDRAIL IMPROVEMENTS FOR OUTSIDE EASTBOUND AND
WESTBOUND LANES AND OUTSIDE SHOULDERS THROUGHOUT ENTIRE
PROJECT LIMITS. PLACE SHORT TERM PAVEMENT MARKINGS FOR
OUTSIDE LANES.

TRAFFIC

UTILIZING HIGHWAY STANDARDS, CLOSE THE OUTSIDE EASTBOUND AND WESTBOUND LANE AND SHOULDERS FOR THE ENTIRE PROJECT LIMITS. MAINTAIN ONE THROUGH LANE IN EACH DIRECTION AT ALL TIMES.

CONSTRUCTION

REMOVE EXISTING INSIDE THROUGH LANE AND MILL (AT VARIABLE DEPTH) THE PROPOSED 12" HMA BASE COURSE SHOULDER, CONSTRUCT PROPOSED SUBBASE, REINFORCED CONCRETE, BINDER, AND SURFACE FOR THE INSIDE THROUGH LANE AND PAVE THE PROPOSED BINDER AND SURFACE ON TOP OF THE 12" HMA BASE COURSE CONSTRUCTED IN PRE-STAGE WITHIN THE RECONSTRUCTION LIMITS. INSTALL PROPOSED UNDERDRAINS, STORM SEWER, AND LANDSCAPE RESTORATION.

TRAFFIC

CLOSE ONE LANE AS PORTRAYED IN THE SUGGESTED TRAFFIC PLANS. TRAFFIC IS TO BE SHIFTED ONTO OUTSIDE NEWLY CONSTRUCTED (STAGE 1A) SHOULDERS AND THROUGH INSIDE LANE. CONTRACTOR TO MAINTAIN A 3'-1" DEFLECTION WIDTH TO AVOID PINNING TEMPORARY CONCRETE BARRIER AS DESCRIBED IN SAFETY MEMO 4-21.

CONSTRUCTION

COMPLETE PROPOSED PATCHING, MILL AND RESURFACING, AND
GUARDRAIL IMPROVEMENTS FOR INSIDE EASTBOUND AND WESTBOUND
LANES AND INSIDE SHOULDERS THROUGHOUT ENTIRE PROJECT LIMITS.

TRAFFIC

UTILIZING HIGHWAY STANDARDS, CLOSE THE INSIDE EASTBOUND AND WESTBOUND LANE AND SHOULDERS FOR THE ENTIRE PROJECT LIMITS. MAINTAIN ONE THROUGH LANE IN EACH DIRECTION AT ALL TIMES. PLACE PERMANENT PAVEMENT MARKINGS FOR INSIDE LANES.

CONSTRUCTION

INSTALL PERMANENT PAVEMENT MARKINGS FOR OUTSIDE LANES AND FINAL PUNCHLIST ITEMS.

TRAFFIC

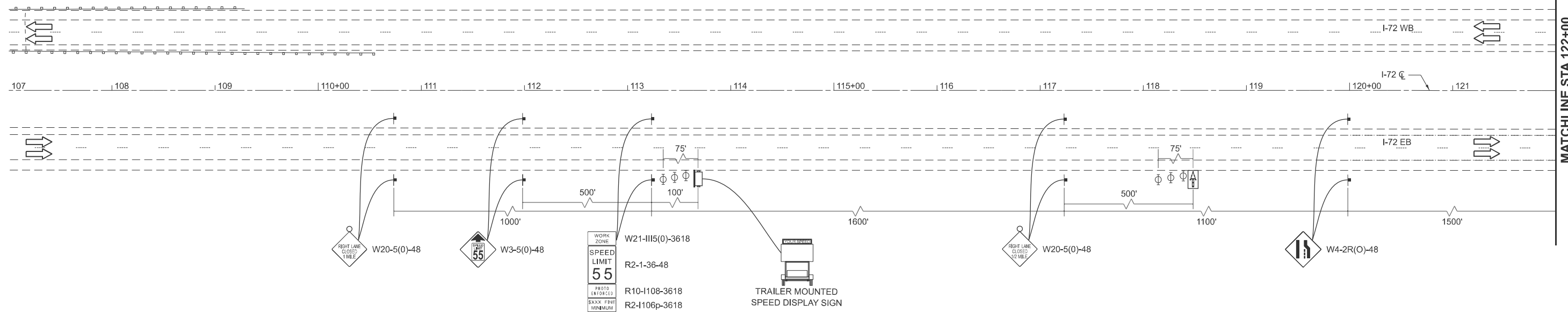
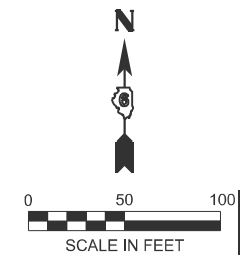
CLOSE LANES (TEMPORARY OR PERMANENT) UTILIZING HIGHWAY STANDARDS.

The diagram illustrates the placement of advance warning signs for lane width restrictions on I-72. The plan view shows the highway with two vertical curves. The first curve, from Old 36 to Gregory Rd, is 2.2 miles long and has a width restriction (SN 086-0028) for eastbound traffic. The second curve, from Gregory Rd to Lynnville Ln, is 2.8 miles long and has a width restriction (SN 069-0053) for both eastbound and westbound traffic. The sign layout below shows five stations (A-E) with the following signs:

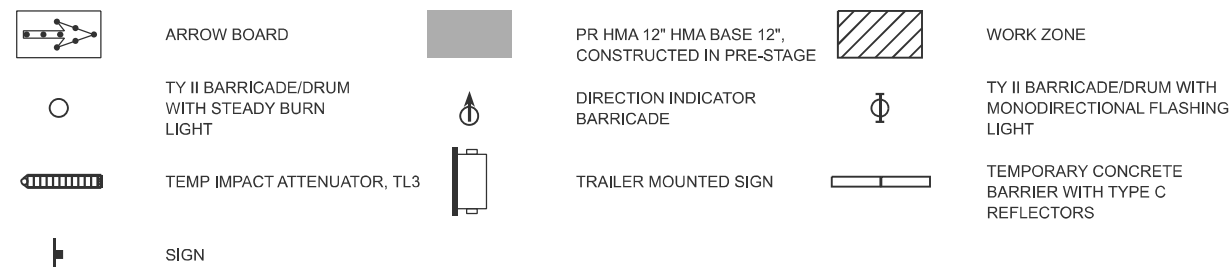
- Station A:** MAX WIDTH 10'-00" 2.2 MILES AHEAD (W12-I103)
- Station B:** MAX WIDTH 10'-00" 2.8 MILES AHEAD (W12-I103)
- Station C:** MAX WIDTH 10'-00" 2.2 MILES AHEAD, EAST, INTERSTATE 72, M12-I103, M3-2(O)-3618, M1-1-3636, M6-1R(O)-3021
- Station D:** MAX WIDTH 10'-00" 2.2 MILES AHEAD, EAST, INTERSTATE 72, M12-I103, M3-2(O)-3618, M1-1-3636, M6-1L(O)-3021
- Station E:** MAX WIDTH 10'-00" 2.2 MILES AHEAD, WEST, INTERSTATE 72, M12-I103, M3-4(O)-3618, M1-1-3636, M5-2R(O)-2115

CONTRACTOR TO PLACE SIGNS 500 FEET AHEAD OF EACH RAMP

CONTRACTOR TO PLACE SIGNS
500 FEET AHEAD OF EACH RAMP.



STAGING LEGEND



**HORNER
SHIFRIN**
WWW.HORNERSHIFRIN.COM

USER NAME = bclimmermann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE 1 I-72 RESURFACING

SCALE: 1"=50'	SHEET 2	OF 11	SHEETS	STA.	TO STA. 122+00.00
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	40
		CONTRACT NO. 72A58		
ILLINOIS		FED. AID PROJECT		

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DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT DATE	= 3/25/2025

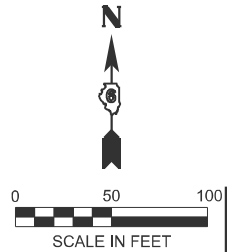
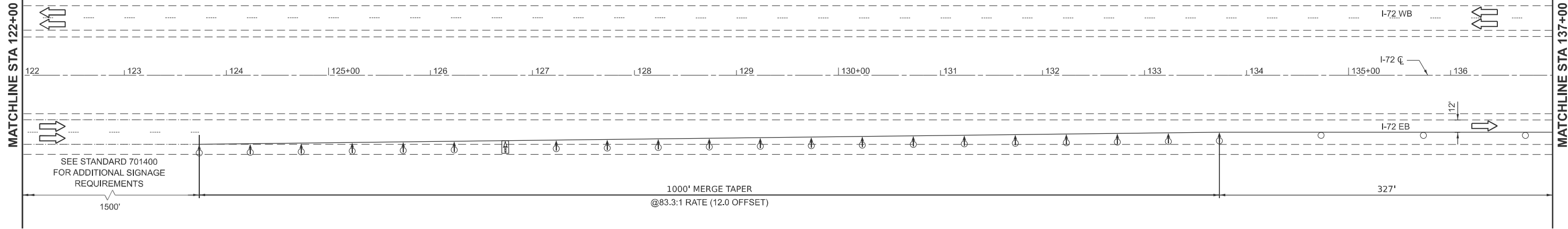
DESIGNED	-
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REVISED	-
REVISED	-
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REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

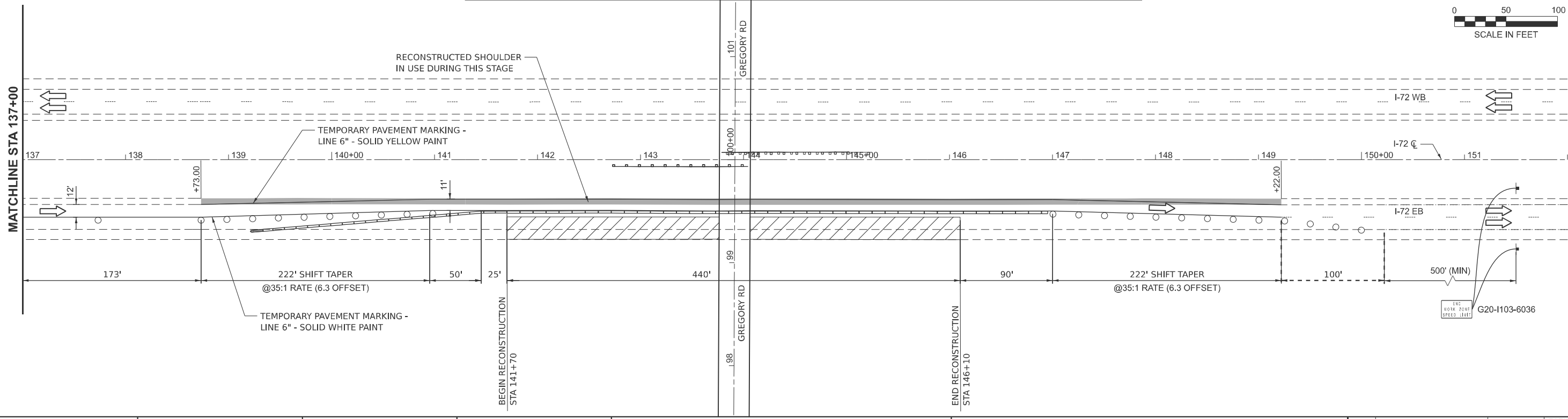
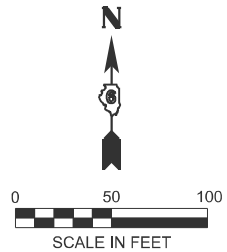
MAINTENANCE OF TRAFFIC - STAGE 1 (GREGORY RD)			
I-72 RESURFACING			
SCALE: 1"=50'	SHEET 3	OF 11 SHEETS	STA. 122+00.00 TO STA. 152+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	41
CONTRACT NO. 72A58				ILLINOIS FED. AID PROJECT



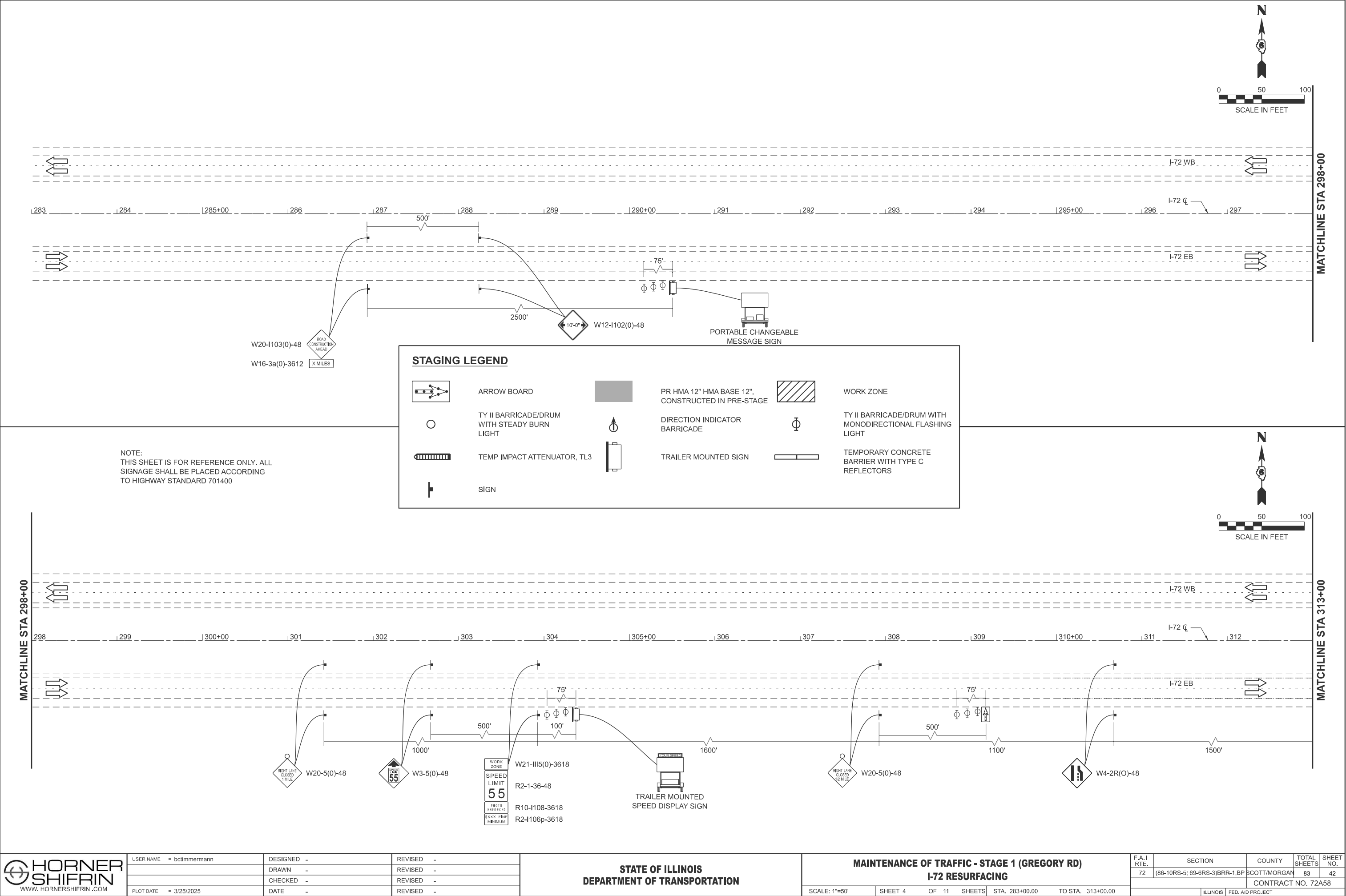
STAGING LEGEND

	ARROW BOARD		PR HMA 12" HMA BASE 12", CONSTRUCTED IN PRE-STAGE		WORK ZONE
	TY II BARRICADE/DRUM WITH STEADY BURN LIGHT		DIRECTION INDICATOR BARRICADE		TY II BARRICADE/DRUM WITH MONODIRECTIONAL FLASHING LIGHT
	TEMP IMPACT ATTENUATOR, TL3		TRAILER MOUNTED SIGN		TEMPORARY CONCRETE BARRIER WITH TYPE C REFLECTORS
	SIGN				

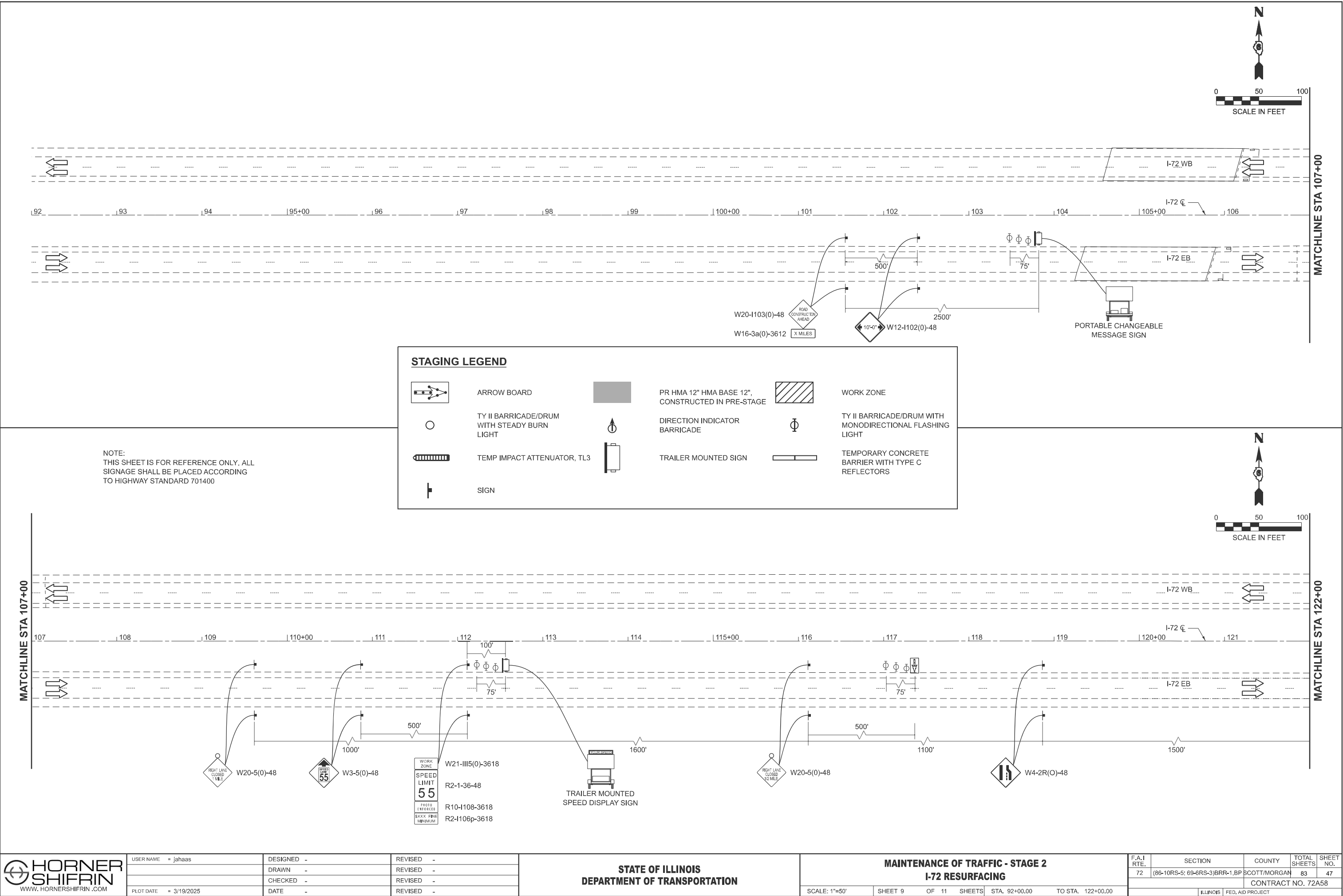


ENC WORK ZONE SPEED LIMIT
G20-I103-6036

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DRAWN	-
CHECKED	-
PLOT DATE	= 3/25/2025

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

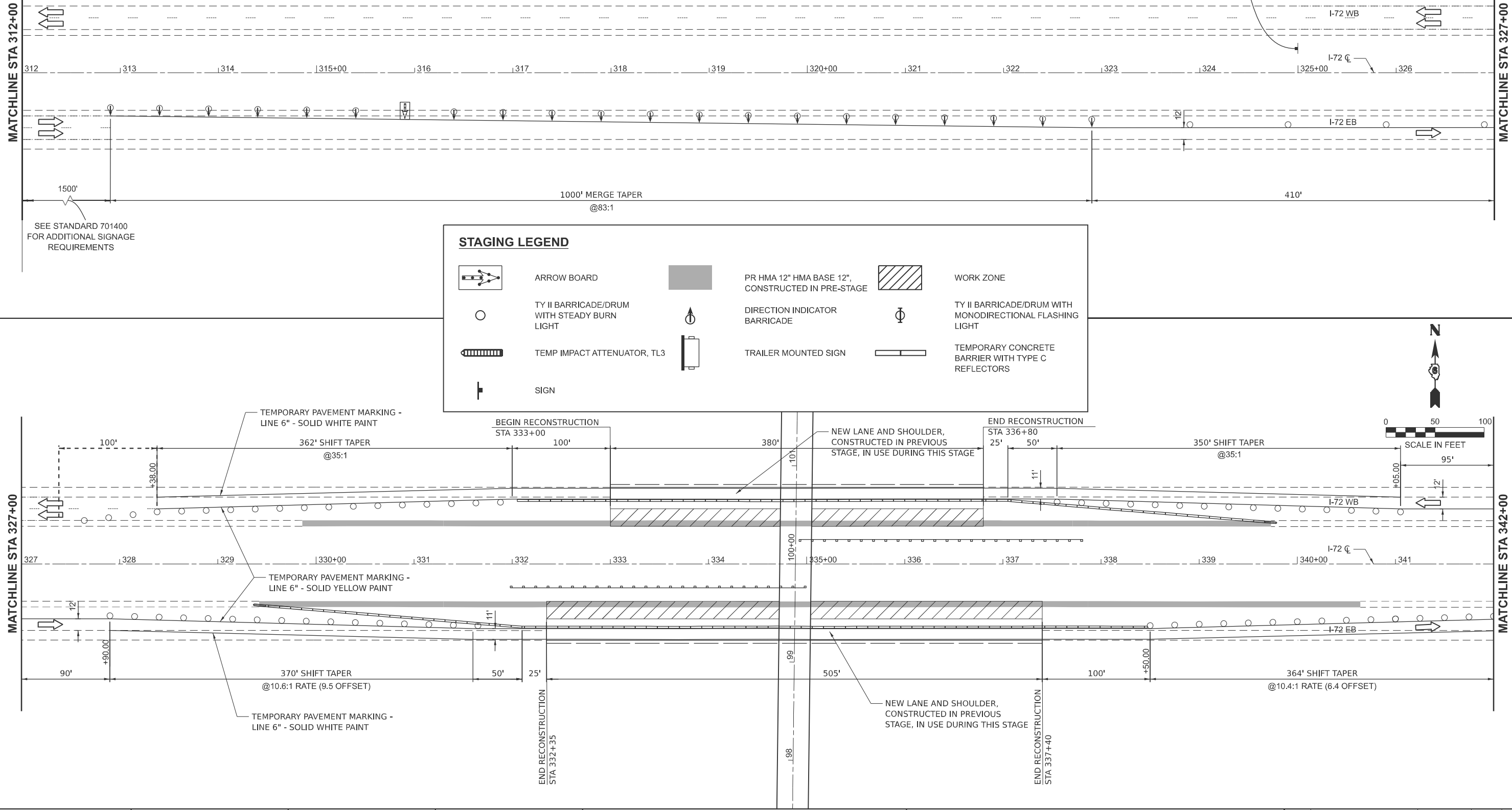
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REVISED	-
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

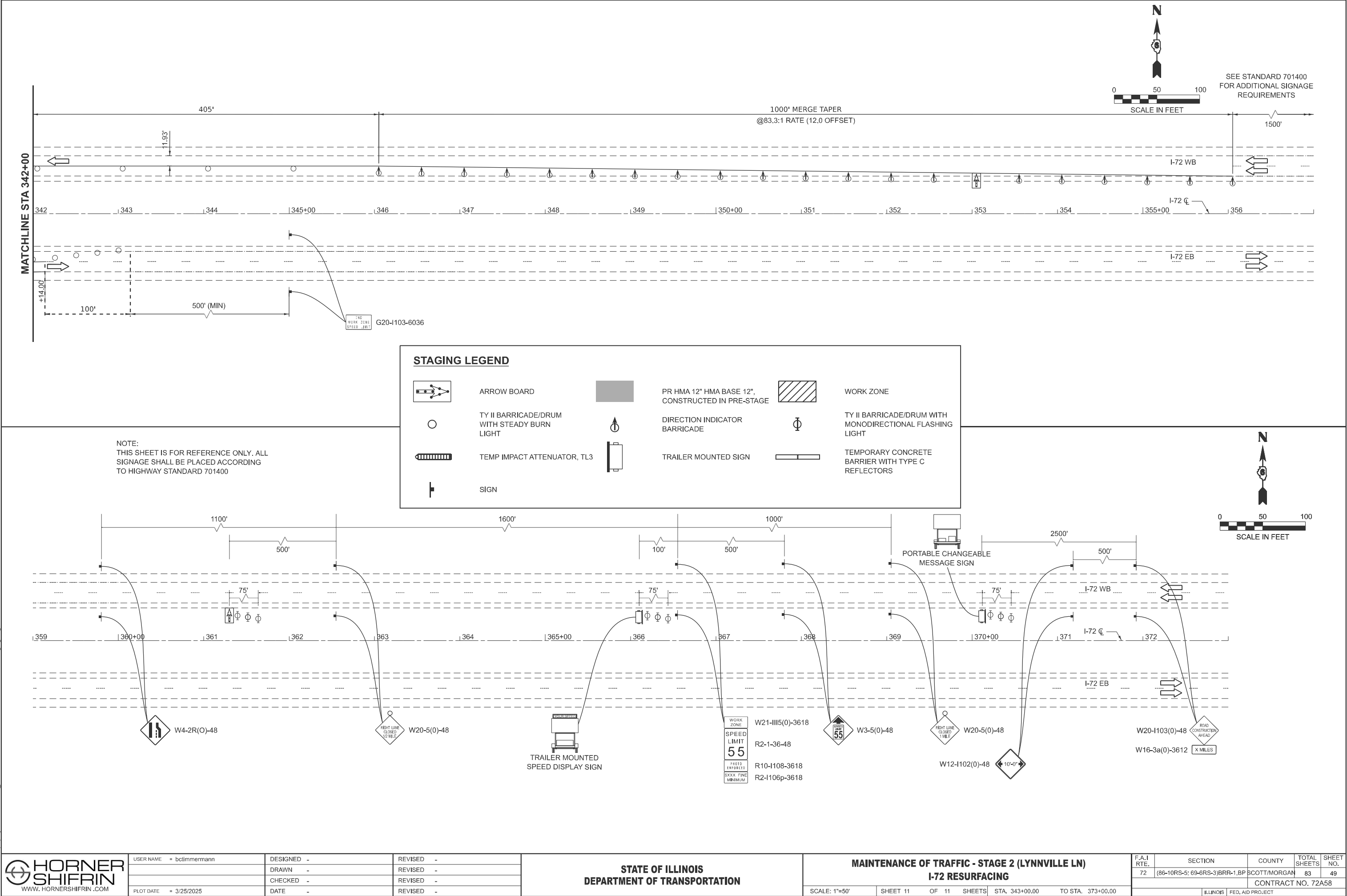
MAINTENANCE OF TRAFFIC - STAGE 2 (LYNNVILLE LN)
I-72 RESURFACING

SCALE: 1"=50' SHEET 10 OF 11 SHEETS STA. 313+00.00 TO STA. 343+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	48
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				



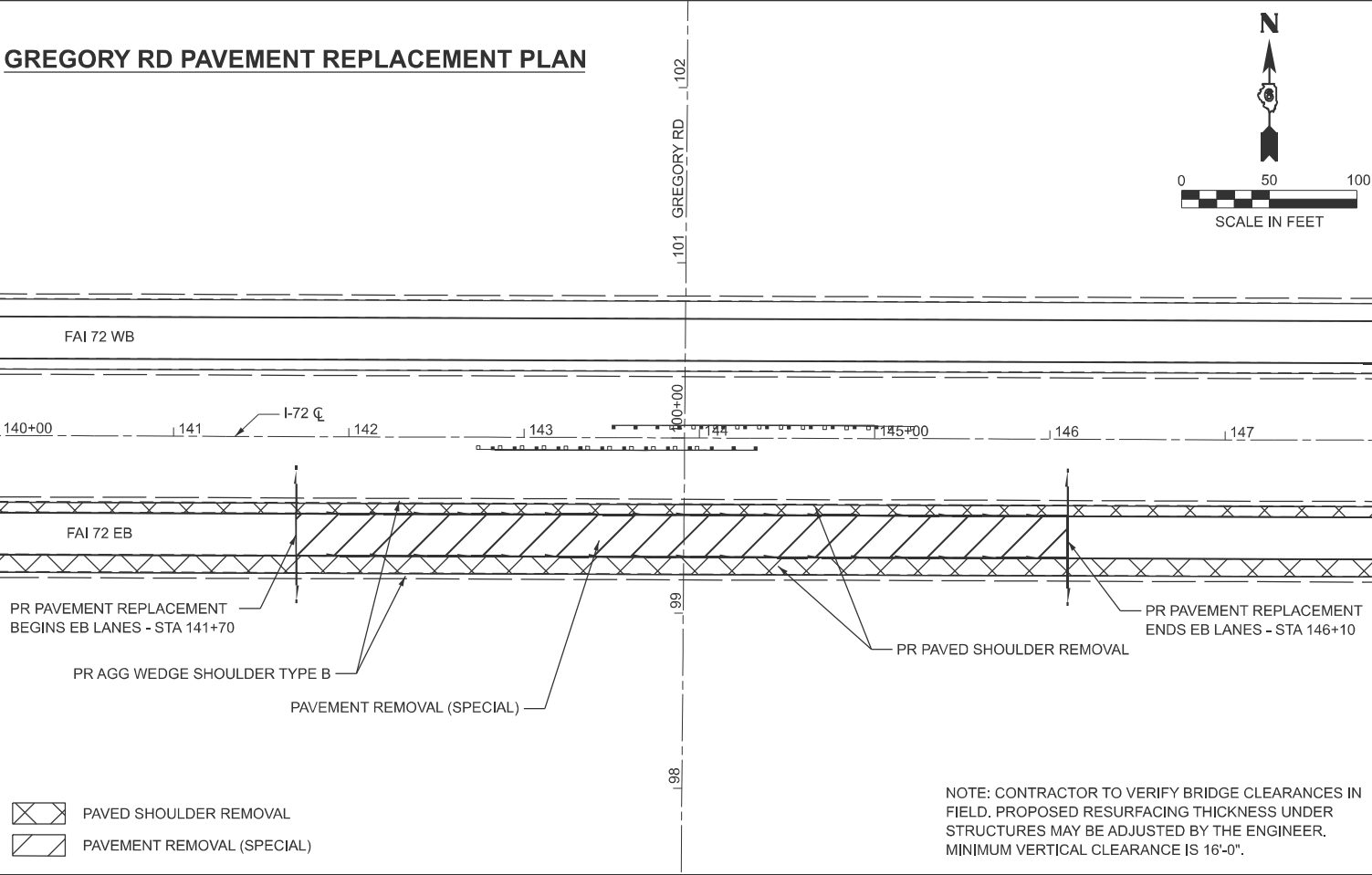
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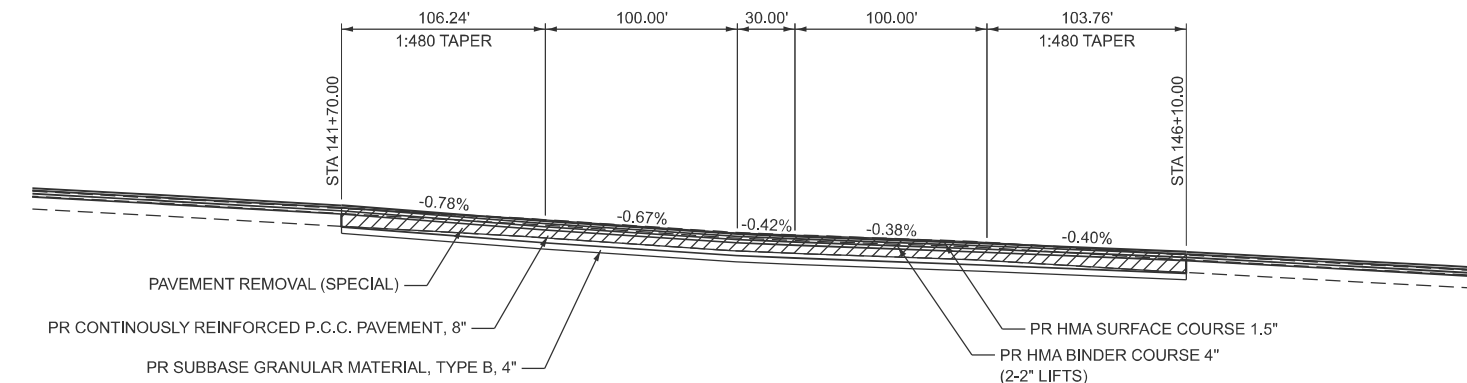
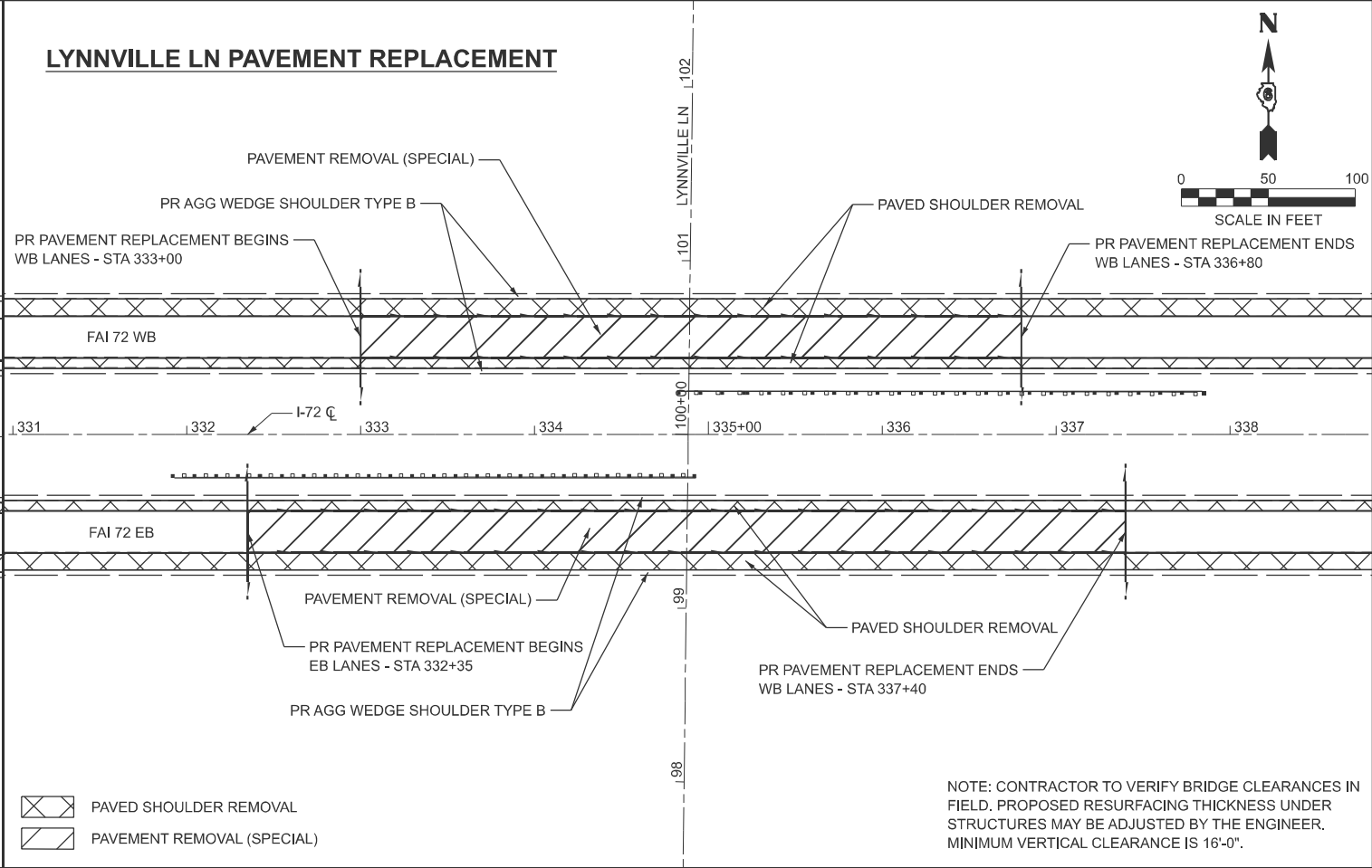
USER NAME = bclmmerrmann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/25/2025	DATE -	REVISED -

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	49
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

GREGORY RD PAVEMENT REPLACEMENT PLAN

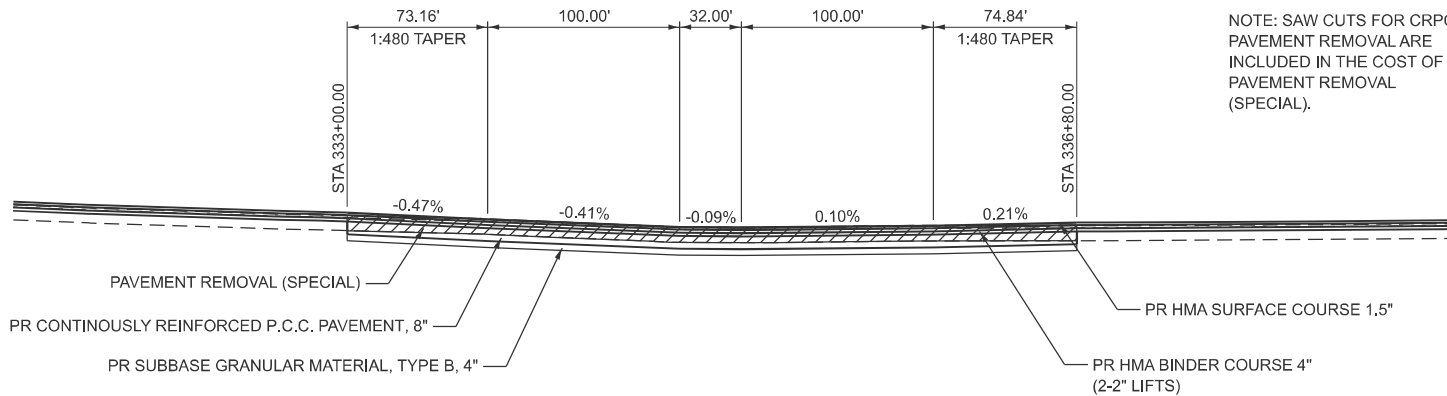


LYNNVILLE LN PAVEMENT REPLACEMENT



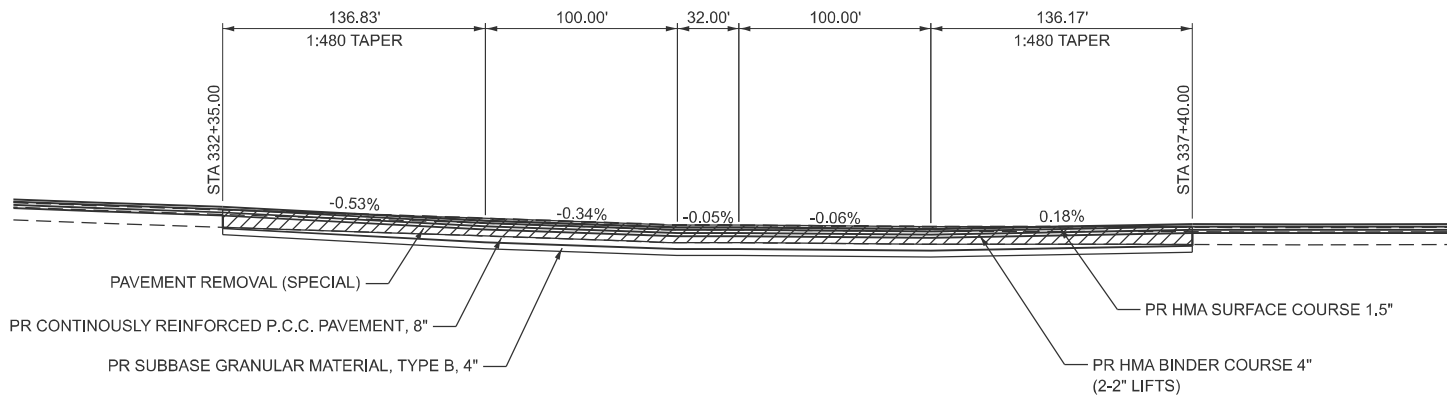
NOTE: SAW CUTS FOR CRPCC PAVEMENT REMOVAL ARE INCLUDED IN THE COST OF PAVEMENT REMOVAL (SPECIAL).

GREGORY RD PAVEMENT REPLACEMENT PROFILE - EB LANES



NOTE: SAW CUTS FOR CRPCC PAVEMENT REMOVAL ARE INCLUDED IN THE COST OF PAVEMENT REMOVAL (SPECIAL).

LYNNVILLE LN REPLACEMENT PROFILE - WB LANES



LYNNVILLE LN REPLACEMENT PROFILE - EB LANES



USER NAME	= bclimmermann	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 3/25/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

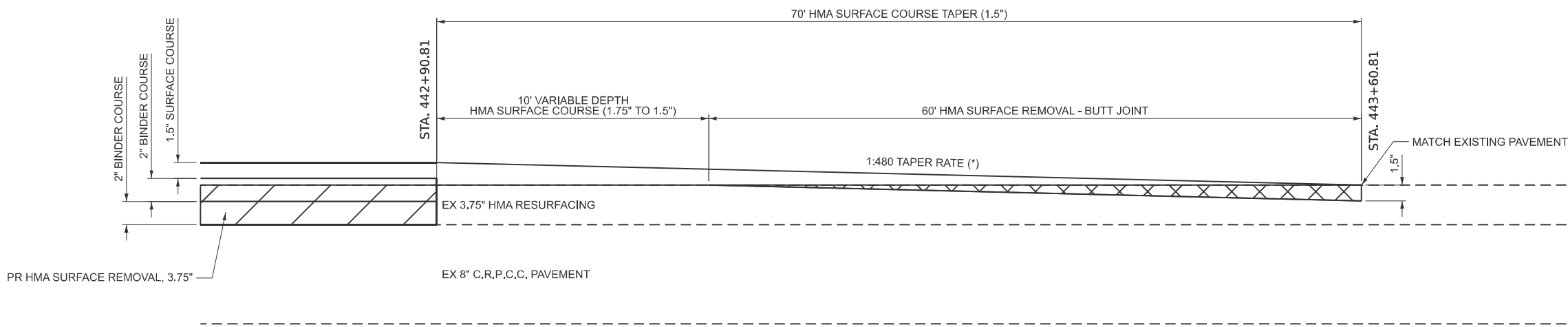
FULL DEPTH PAVEMENT REPLACEMENT DETAIL

SCALE: 1" = 50' SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	50
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				



I-72 BUTT JOINT DETAIL



(*) THE 1:480 TAPER SHOULD GOVERN OVER THE DIMENSIONS SHOWN IN THE PLANS.
LENGTHS MAY NEED TO BE ADJUSTED BY THE ENGINEER.

DRAWING NOT TO SCALE.
ACTUAL FIELD LOCATIONS AND MEASUREMENTS SHALL BE VERIFIED

MODEL: DistrictDetails - Pavement Tie In [Sheet]
FILE NAME: c:\pdp\p3\bcclimrmann@hornersshifrin.com\idol\dms23782\0671A58-sh-detais.dgn



USER NAME = bcclimrmann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/4/2025	DATE -	REVISED -

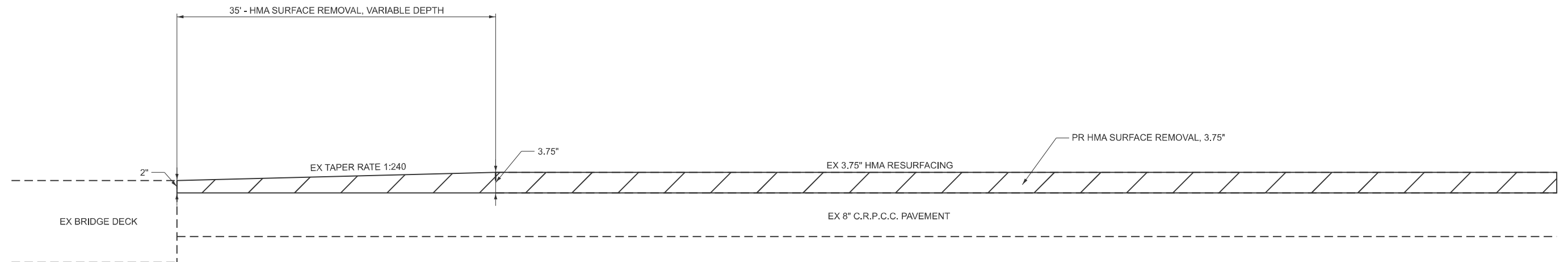
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-72 BUTT JOINT DETAIL

SCALE: NTS SHEET 3 OF 5 SHEETS STA. TO STA.

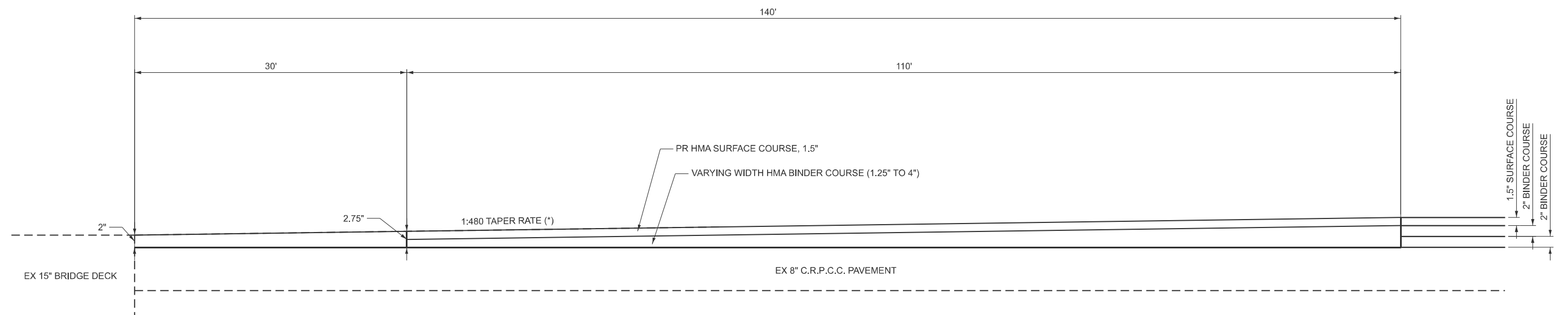
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	86-10RS-5/69-6RS-3	SCOTT/MORGAN	83	52
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

I-72 BRIDGE TRANSITIONS (MILLING DETAIL)



NOTE: EXISTING HMA DEPTHS MAY VARY IN THE FIELD FROM WHAT IS SHOWN IN THIS DETAIL.
ALL EXISTING HMA ON BRIDGE APPROACH SLAB SHALL BE REMOVED BEFORE PAVING.

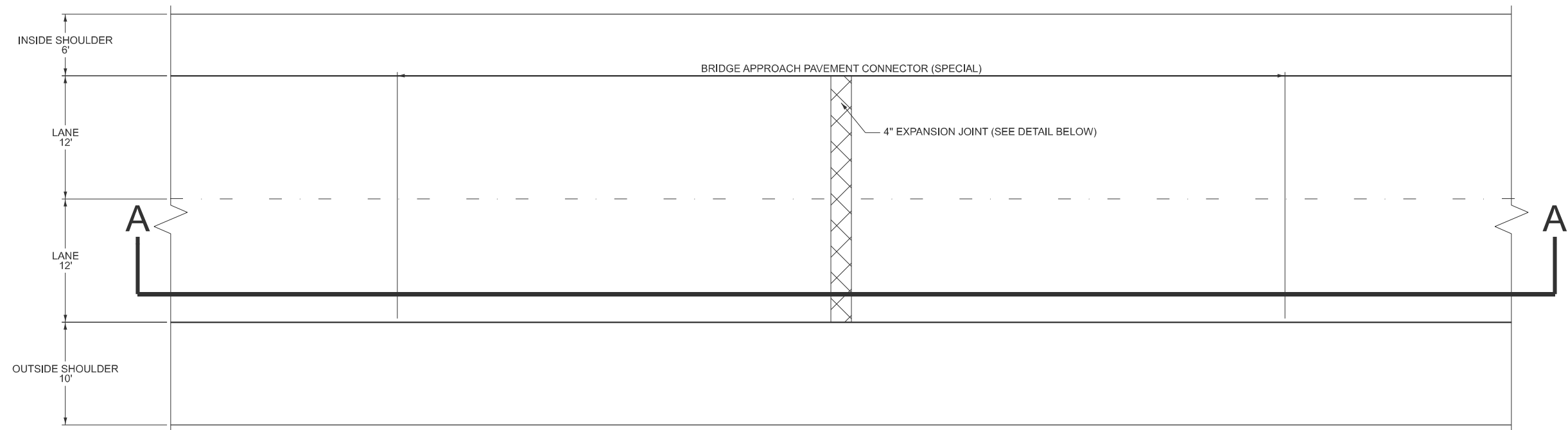
I-72 BRIDGE TRANSITIONS (PAVING DETAIL)



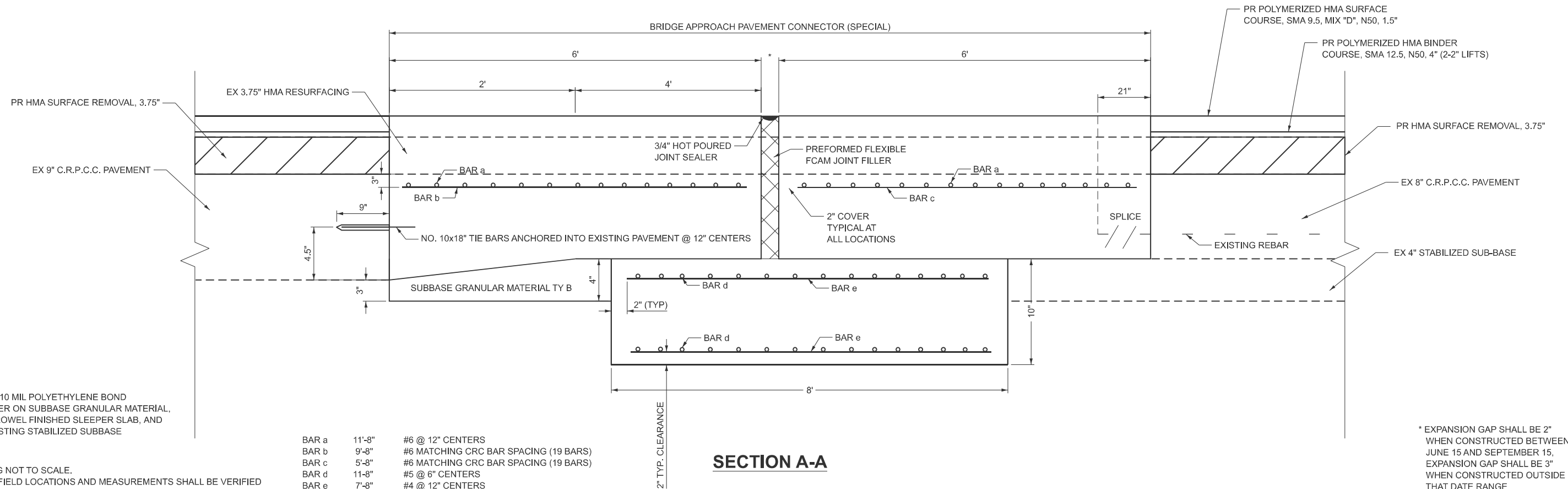
(*) THE 1:480 TAPER SHOULD GOVERN OVER THE DIMENSIONS SHOWN IN THE PLANS. LENGTHS MAY NEED TO BE ADJUSTED BY THE ENGINEER.

DRAWING NOT TO SCALE.
ACTUAL FIELD LOCATIONS AND MEASUREMENTS SHALL BE VERIFIED

PLAN VIEW



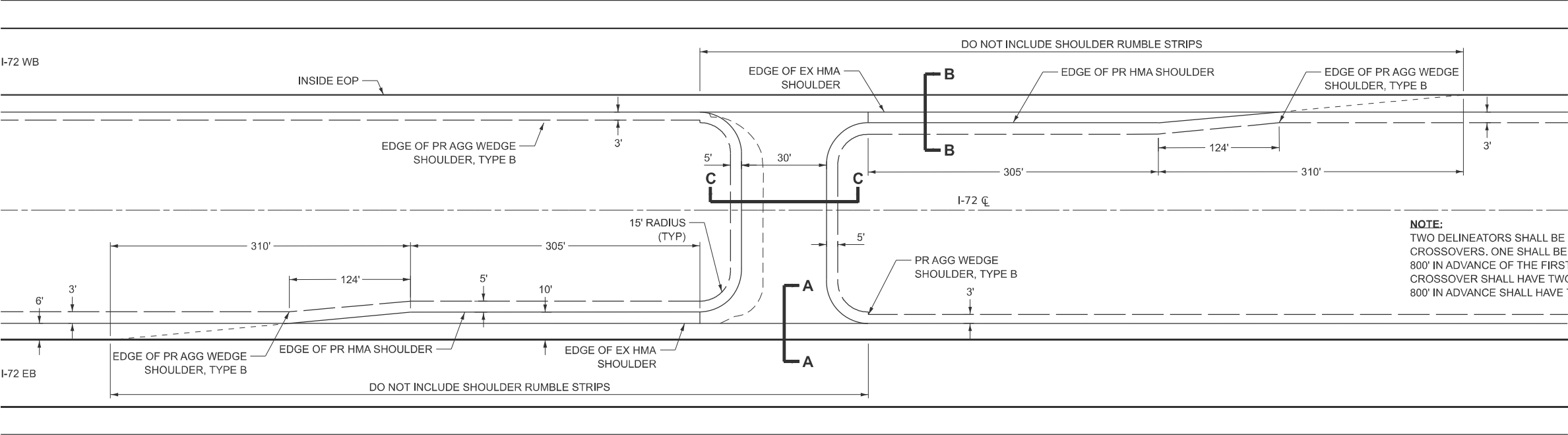
SECTION A-A



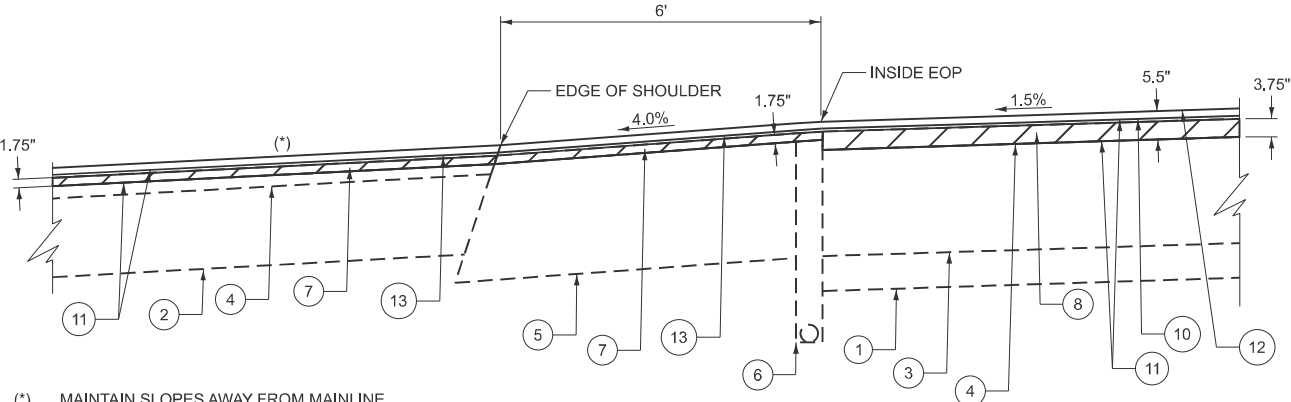
DRAWING NOT TO SCALE.
ACTUAL FIELD LOCATIONS AND MEASUREMENTS SHALL BE VERIFIED

* EXPANSION GAP SHALL BE 2"
WHEN CONSTRUCTED BETWEEN
JUNE 15 AND SEPTEMBER 15,
EXPANSION GAP SHALL BE 3"
WHEN CONSTRUCTED OUTSIDE
THAT DATE RANGE

EMERGENCY MEDIAN CROSSOVER

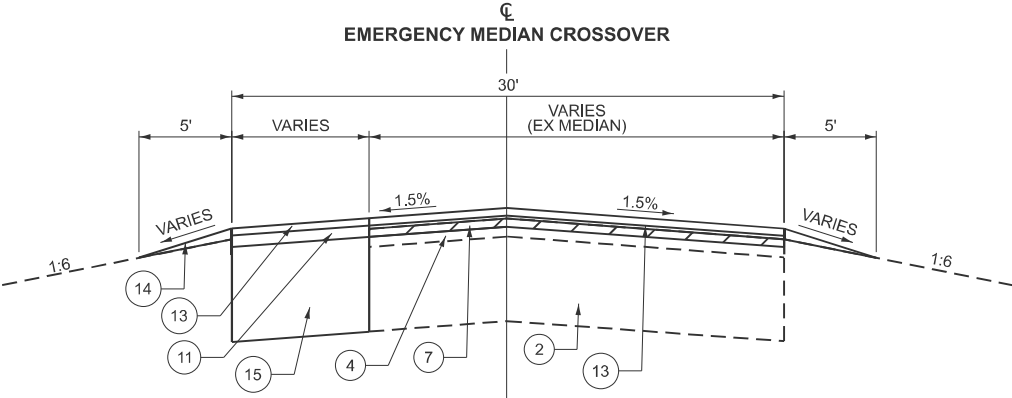


NOTE:
TWO DELINEATORS SHALL BE PLACED IN ADVANCE OF THE MEDIAN CROSSOVERS. ONE SHALL BE AT THE CROSSOVER, THE OTHER 800' IN ADVANCE OF THE FIRST. THE DELINEATOR AT THE CROSSOVER SHALL HAVE TWO REFLECTORS, AND THE DELINEATOR 800' IN ADVANCE SHALL HAVE THREE REFLECTORS.

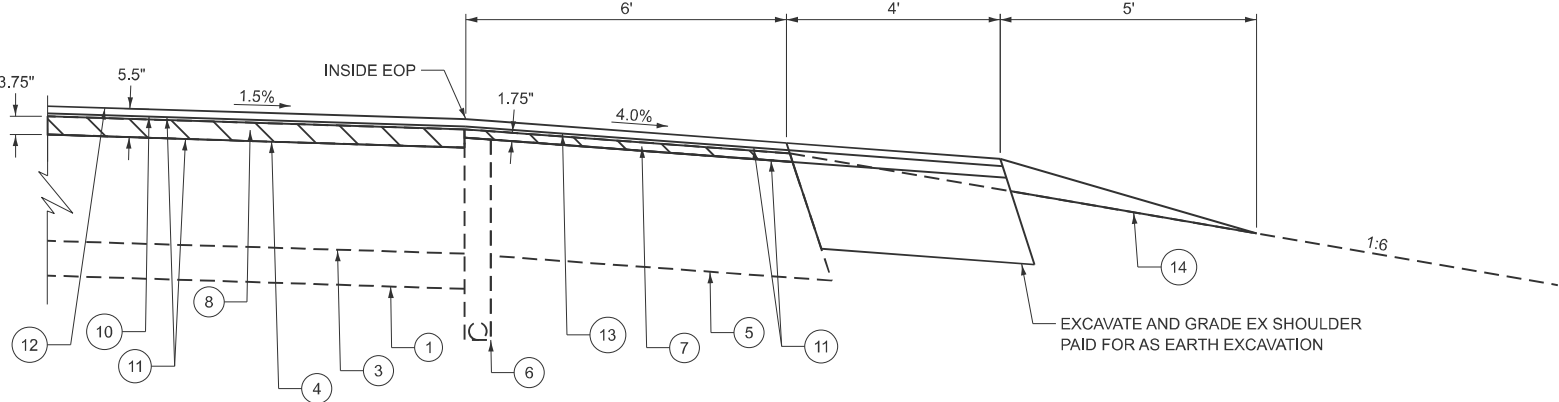


(*) MAINTAIN SLOPES AWAY FROM MAINLINE PAVEMENT TO ENSURE PROPER DRAINAGE INTO MEDIAN DITCHES.

SECTION A-A



SECTION C-C



SECTION B-B

LEGEND

- 1 EX AGGREGATE SUB-BASE, 4"
- 2 EX AGGREGATE BASE COURSE
- 3 EX 8" C.R.P.C.C. PAVEMENT WITH 3 3/4" HMA RESURFACING
- 4 EX HOT-MIX ASPHALT OVERLAY
- 5 EX 8" P.C.C. SHOULDER WITH 3 3/4" HMA RESURFACING
- 6 EX PIPE UNDERDRAINS, 4"
- 7 PR HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
- 8 PR HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"
- 9 NOTE NOT USED
- 10 PR POLYMERIZED HMA BINDER COURSE, SMA 12.5, N50, 4" (2-2" LIFTS)
- 11 PR BITUMINOUS MATERIALS (TACK COAT)
- 12 PR POLYMERIZED HMA SURFACE COURSE, SMA 9.5, MIX "D", N50, 1.5"
- 13 PROPOSED HOT-MIX ASPHALT SHOULDER, 3.5" (1 LIFT AT 2.0", 1 LIFT AT 1.5")
- 14 PR AGGREGATE WEDGE SHOULDER, TYPE B
- 15 PR HOT-MIX ASPHALT SHOULDER, 6 1/2"

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EMERGENCY MEDIAN CROSSOVER DETAIL

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	86-10RS-5/69-6RS-3	SCOTT/MORGAN	83	55
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				



USER NAME = nfcapriotti	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/5/2025	DATE -	REVISED -

MODEL: D:\erict\Details - MedianCrossover (Sheet)
FILE NAME: c:\p\p\p\p\ncapriotti\homer-shifrin.com\lot\dm323782\D671A58-sh-detaills.dgn



Diagram illustrating the construction of a trench backfill. The diagram shows a cross-section of a trench. The top layer is labeled "TOP OF TRENCH BACKFILL". Below this is a layer of "12\" STORM SEWER BEDDING MATERIAL". The bottom layer is labeled "1\" MIN." (1 inch minimum). The total height of the backfill is indicated as "6\" TRENCH BACKFILL".

PLAN

BRIDGE APPROACH SHOULDER PAVEMENT SEE STD. 232.4

SHOULDER 10'-0"

6'-0"

2'-0"

PIPE DRAIN 12" CORRUGATED STEEL OR ALUMINUM ALLOY

3'

3'

10'

BACK OF ABUT.

SS-1 12" x 125'

No Joint Sealer Req'd.

INLET TYPE A TYPE I FRAME OPEN LID

BRIDGE APPROACH SHOULDER PAVEMENT DETAIL

SCALE 1"=5'

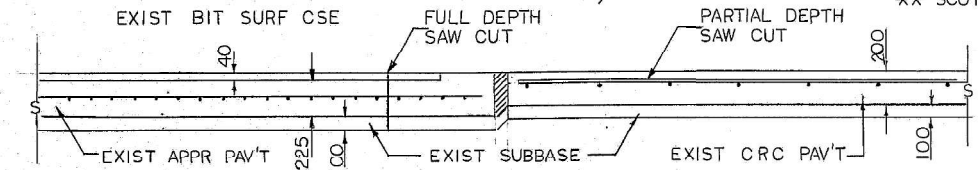
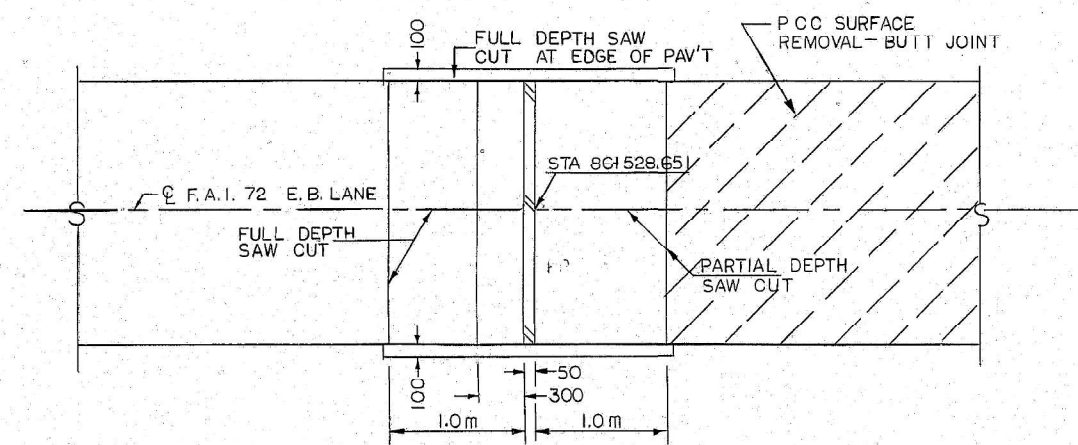
BRIDGE APPROACH PAVEMENT	1068.0 SQ.YDS.
BITUMINOUS CONC. SURFACE COURSE, MIXTURE D, CLASS I	73.8 TON
WATERPROOFING MEMBRANE SYSTEM	912 SQ.YDS.
PROTECTIVE COAT	212 SQ.YDS.
BRIDGE APPROACH SHOULDER PAVEMENT	29.1 SQ.YDS.
INLETS, TYPE A, TYPE I FRAME, OPEN LID	2 EACH
PIPE DRAINS, CORRUGATED STEEL OR	
ALUMINUM ALLOY 12"	112 L.F.
METAL END SECTION 12"	1 EACH
LUG SYSTEM COMPLETE	4 EACH
TRENCH BACKFILL	14.2 CU.YD.

P.I. STA. 199+22.01
 $\Delta = 82^\circ 47' 37.60''$
 $D = 0^\circ 45' 00''$
 $T = 587.406'$
 $R = 7639.44'$
 $L = 1172.504$
 $E = 22.55$
P.C. STA. 193+34.61
P.T. STA. 205+07.11

DETAILS. APPROACH SLAB AND LUG SYSTEM

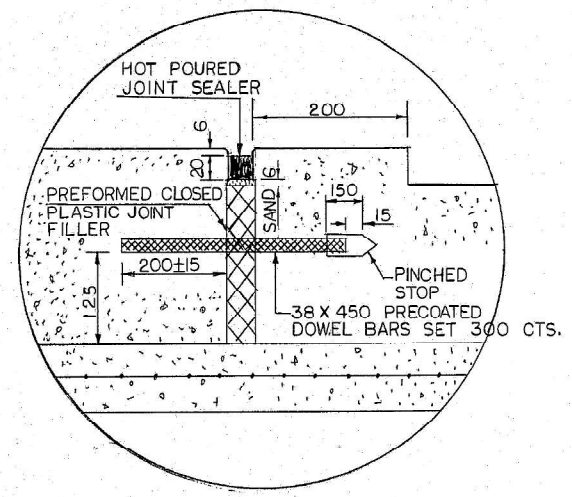
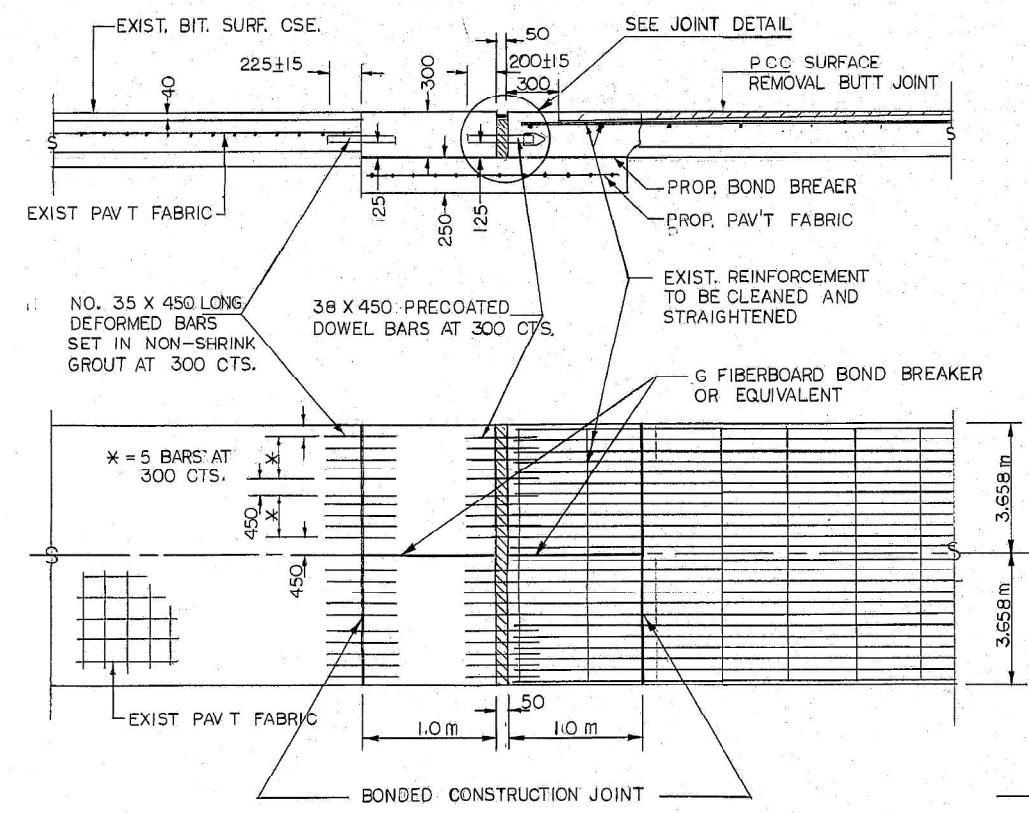
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	56
		CONTRACT NO. 72A58		
ILLINOIS		FED. AID PROJECT		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	*	**	48	44
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 86-10 RS-1 & 69-6 RS				
** SCOTT & MORGAN				



PAVEMENT SAWING DETAIL

- NOTES**
- ALL DIMENSIONS SHOWN ON THIS DETAIL ARE IN MILLIMETERS UNLESS OTHERWISE STATED
 - THE TYPE OF EXISTING REINFORCEMENT IN THE APPROACH SLABS ARE UNKNOWN. THE ENGINEER IN THE FIELD SHALL DETERMINE THE TYPE OF REINFORCEMENT AFTER THE CONTRACTOR HAS MAKE THE FULL DEPTH SAW CUT AND REMOVED THE PORTION OF THE SLAB. IF THE EXISTING REINFORCEMENT IS PAVEMENT FABRIC, THE JOINT SHALL BE CONSTRUCTED AS SHOWN IN THIS DETAIL. IF THE EXISTING REINFORCEMENT IS REINFORCEMENT BARS, THE CONTRACTOR SHALL MAKE A PARTIAL DEPTH SAW CUT 600 BEHIND THE FULL DEPTH SAW CUT TO EXPOSE THE EXISTING BARS. THE EXISTING BARS SHALL THEN BE CLEANED, STRAIGHTENED, LAPPED WITH NEW REINFORCEMENT BARS, AND INCORPORATED INTO THE NEW PATCH. IF THIS CHANGE IS NECESSARY, THE ADDITIONAL SAW CUTS SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS. THE ADDITIONAL PAVEMENT REMOVAL AND REPLACEMENT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE METER FOR **CLASS B PATCHES, TYPE II, 300 mm.**



PAVEMENT PATCHING DETAIL

JOINT DETAIL

CLASS B PATCHI—
EXPANSION JOINT DETAILS
F A I ROUTE 72
SECTION 86-10 RS-1 &
69-6 RS
SCOTT & MORGAN COUNTY

**SHEET TO BE USED AS REFERENCE ONLY

USER NAME = bclimmermann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINT REPLACEMENT DETAIL

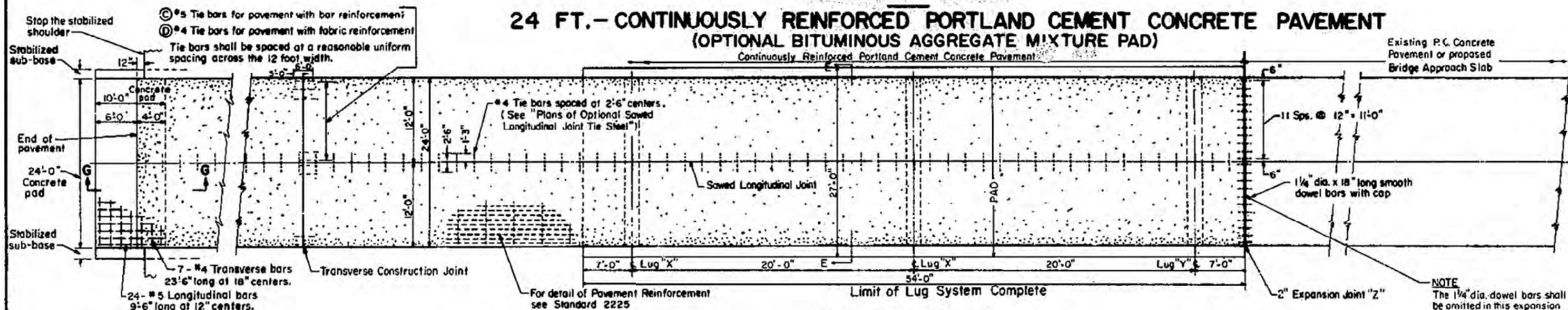
SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 0+00.00 TO STA. 41+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	57
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

MODEL: REF Sheets - Plan 2 (Sheet)
FILE NAME: c:\pwp\p\scottmorgann\homerstifin.com\id\tdms23782\0672A58-shc-details.dgn

STANDARD DESIGN

24 FT.-CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT (OPTIONAL BITUMINOUS AGGREGATE MIXTURE PAD)

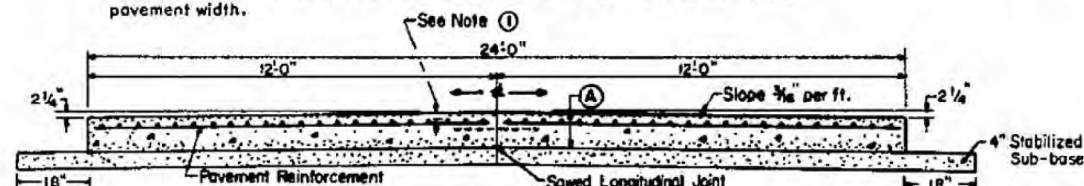


PLAN OF PAVEMENT

NOTE

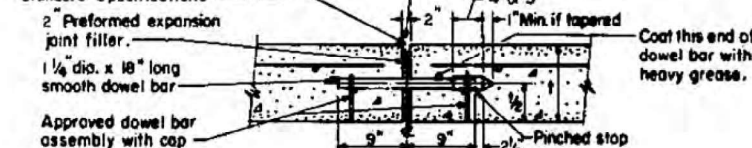
When a slip form paver not equipped with approved automatic grade controls is to be used, it shall operate on the BAM pad which shall be extended so that the overall width is 6 inches greater than the width from outside to outside of the slip form paver's tracks. Such extended width will not be measured for payment but shall be considered incidental to the contract.

If the slip form paver is equipped with approved automatic grade controls that control the four corner supports of the paver and the Contractor elects to use these controls, the BAM pad shall be made wider than the design pavement width by not less than 12 inches nor more than necessary for the type of equipment used. An appropriate deduction will be made in quantity of BAM pad when the width is less than 3 feet wider than the design pavement width.

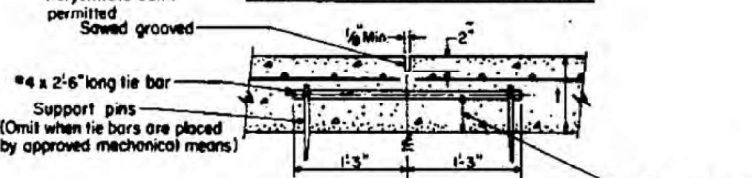


CROSS SECTION E-E

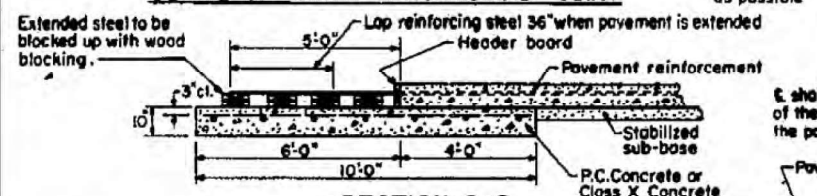
Fill with Asphalt PAF-4 if joint filler conforms to Art.71505 or 71506 of the Standard Specifications



DETAIL OF EXPANSION JOINT

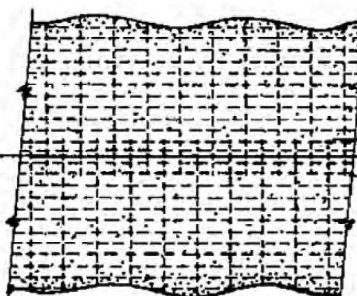


DETAIL OF SAWED LONGITUDINAL JOINT

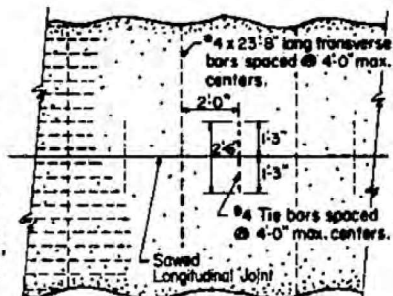


SECTION G-G

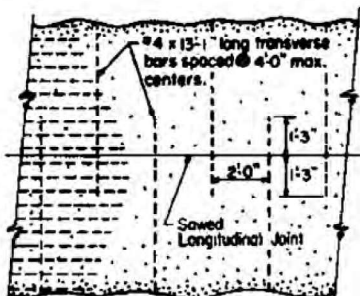
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ISSUED 1-4-65	W.F.	3-10-69	
		REVISIONS	J.P.	10-18-69	
PASSED	September 4, 1973	W.F.	4-1-63	W.F.	3-16-70
<i>D. S. H.</i> Engineer of Standards and Services		W.F.	6-25-65	W.F.	6-26-72
APPROVED	September 4, 1973	W.F.	4-20-66	D.W.	9-4-73
<i>W.G. Bannister</i>		G.R.	8-1-68	D.W.	2-1-74
		G.R.	1-15-69		



ASSEMBLY I
FABRIC REINFORCEMENT

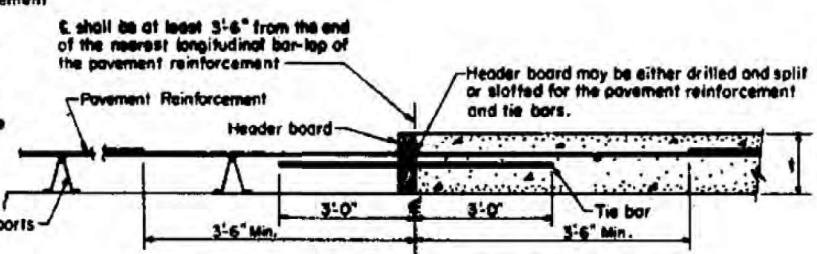


ASSEMBLY II
BAR REINFORCEMENT



ASSEMBLY III
BAR REINFORCEMENT

PLANS OF OPTIONAL SAWED LONGITUDINAL JOINT TIE STEEL



DETAIL OF TRANSVERSE CONSTRUCTION JOINT

NOTE

① Pavement reinforcement shall be placed so that the top of steel (longitudinal or transverse) will be at least 2 1/2" below top of slab and the bottom of longitudinal steel will not be lower than mid-depth of slab.

Lug and anchorages shall be constructed at the location shown except that when the distance between two expansion joints marked "Z" is less than 1500 ft. the anchorage shall be as shown on the detailed construction plans.

For optional pavement design using #6 Longitudinal bars, and #6 Tie bars (C) will be.

Pos't. Thk's.	(C)
8"	5
9"	6

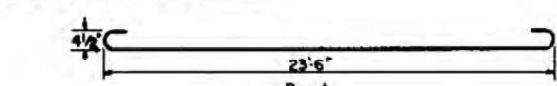
GENERAL NOTES

The 54 feet as shown above of Bituminous Aggregate Mixture Pad, between and adjacent to the lugs will be considered incidental to the Lug System.

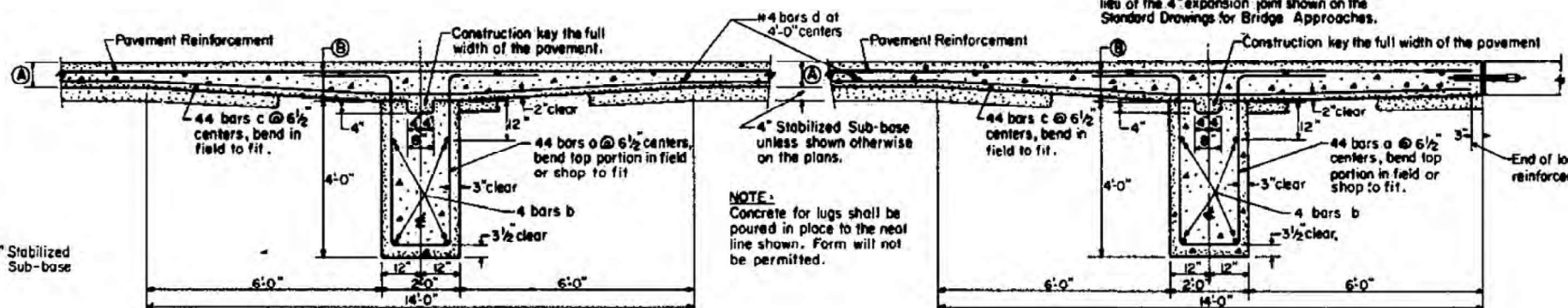
Expansion joint shall be considered incidental to the cost of Continuously Reinforced Concrete Pavement.

Details shown in Section G-G shall apply only at the end of the construction section; the 10" reinforced concrete pad, header board, wood blocking, and the 5 ft. of extended pavement reinforcement will be considered incidental to the cost of the C.R.C. Pavement.

SECTION AT LUG "Y"



SECTION AT LUG "X"



BILL OF MATERIAL FOR LUG SYSTEM
(Excluding pavement concrete and pavement reinforcement)

Bar	No.	Size	Length	Shape
a	132	#7	14'-0"	
b	12	#5	24'-9"	
c	132	#5	20'-0"	
d	28	#4	11'-9"	
Class X Concrete, Cu.Yds. 20.85				
Reinforcing Bars, Lbs. 7062				
BAM Pad, Sq.Yds. 146				

Pos't. Thk's.	(A)	(B)	(C)	(D)
8"	12"	8	12	
9"	14"	9	14	

**SHEET TO BE USED AS REFERENCE ONLY

STANDARD 2224-11

USER NAME = bclimmermann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STANDARD 2224-11

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 0+00.00 TO STA. 41+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1, BP	SCOTT/MORGAN	83	58
CONTRACT NO. 72A58				
ILLINOIS / FED. AID PROJECT				

Bench Mark: #50 - R.R. spike in P.P. west side of TR 128. 107' north of F.A. 408 Sta. 143+60. Elevation 590.294.

Existing structure: S.N. 086-0028 was built in 1975 as F.A. Route 408. Section 86-10 HB-1 at Sta. 143+90.97. Structure consists of a two span continuous P.P.C. I beams and reinforced concrete deck supported by vaulted abutments and a two column trapezoidal pier. 261'-6" back-to-back of approach bents, 30'-0" out-to-out deck. Structure to remain in place with the raising of the crashwall.

Bridge to remain open to traffic with no restrictions. All work will take place in the median of I-72.

No salvage.

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.
Plan dimensions and details relative to the existing structure have been taken from existing plans are subject to nominal construction variations. The Contactor 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.

SCOPE OF WORK

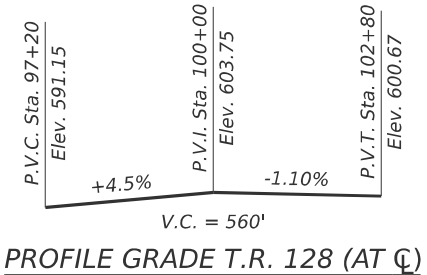
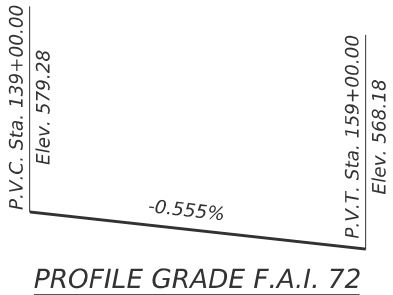
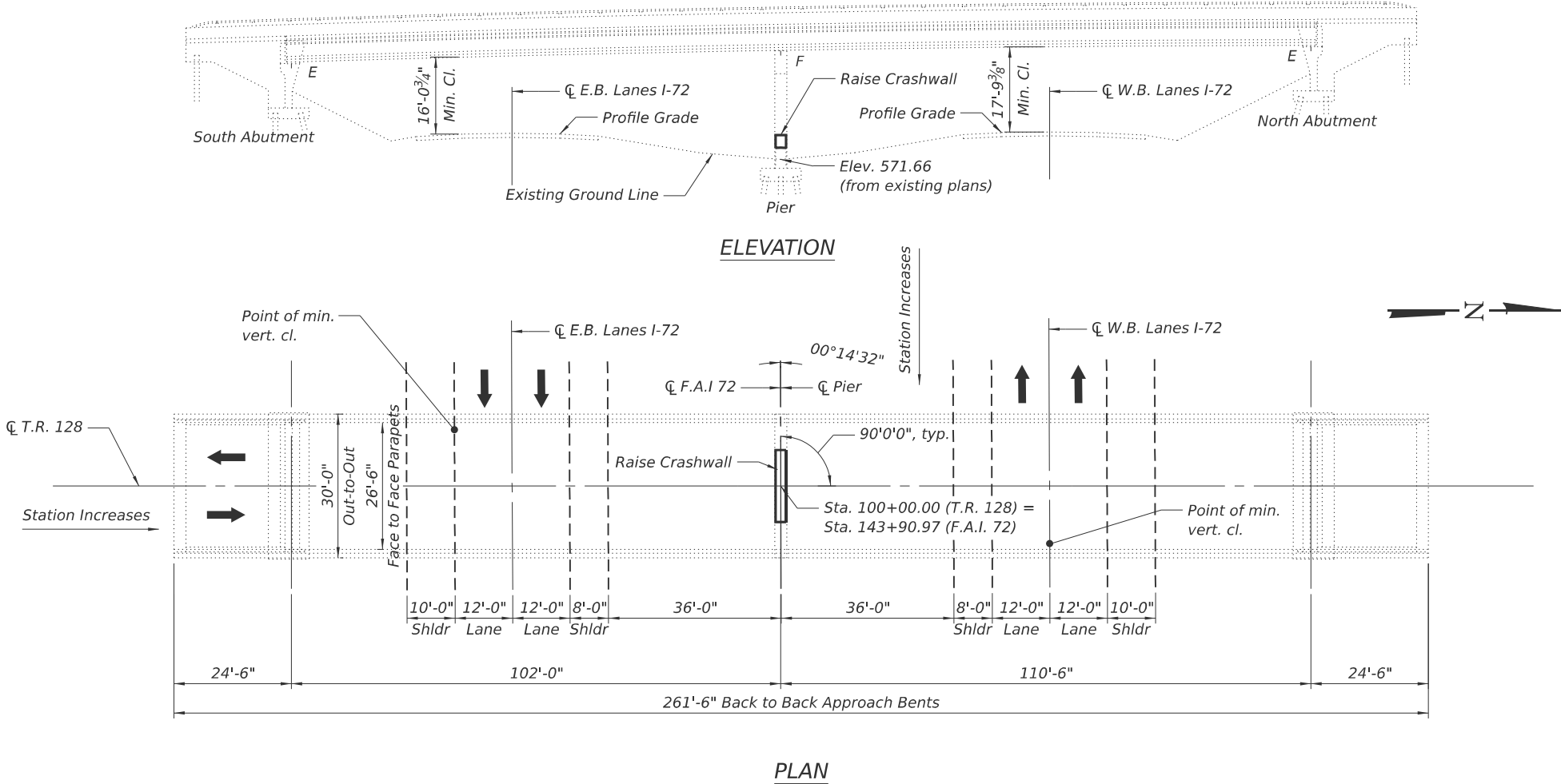
1. Raise Crashwall on Pier.

INDEX OF SHEETS

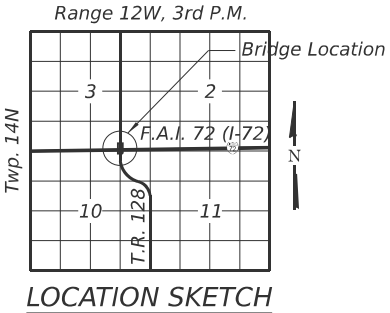
1. General Plan and Elevation
2. Pier Repair Details

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Structures	CU YD		3.2	3.2
Reinforcement Bars, Epoxy Coated	POUND		380	380



DESIGN STRESSES
FIELD UNITS (Existing Construction)
f c = 1,400 psi (Substructure Concrete)
fs = 20,000 psi (Reinforcement)
FIELD UNITS (New Construction)
f 'c = 3,500 psi (Concrete)
fy = 60,000 psi (Reinforcement)



EXPIRES 11 - 30 - 2026
SIGNATURE
03 - 26 - 2025
DATE




GENERAL PLAN AND ELEVATION
TR 128 OVER F.A.I. 72 (I-72)
F.A.I. 72 (I-72) - SEC (86-10RS-5)BRR-1,BP
SCOTT COUNTY
STATION 143+90.97
STRUCTURE NO. 086-0028



4N



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$h(E)$	9	#5	14'-8"	
$n(E)$	34	#5	2'-5"	
$s(E)$	16	#5	9'-3"	
Concrete Structures			Cu. Yd.	3.2
Reinforcement Bars, Epoxy Coated			Pound	380

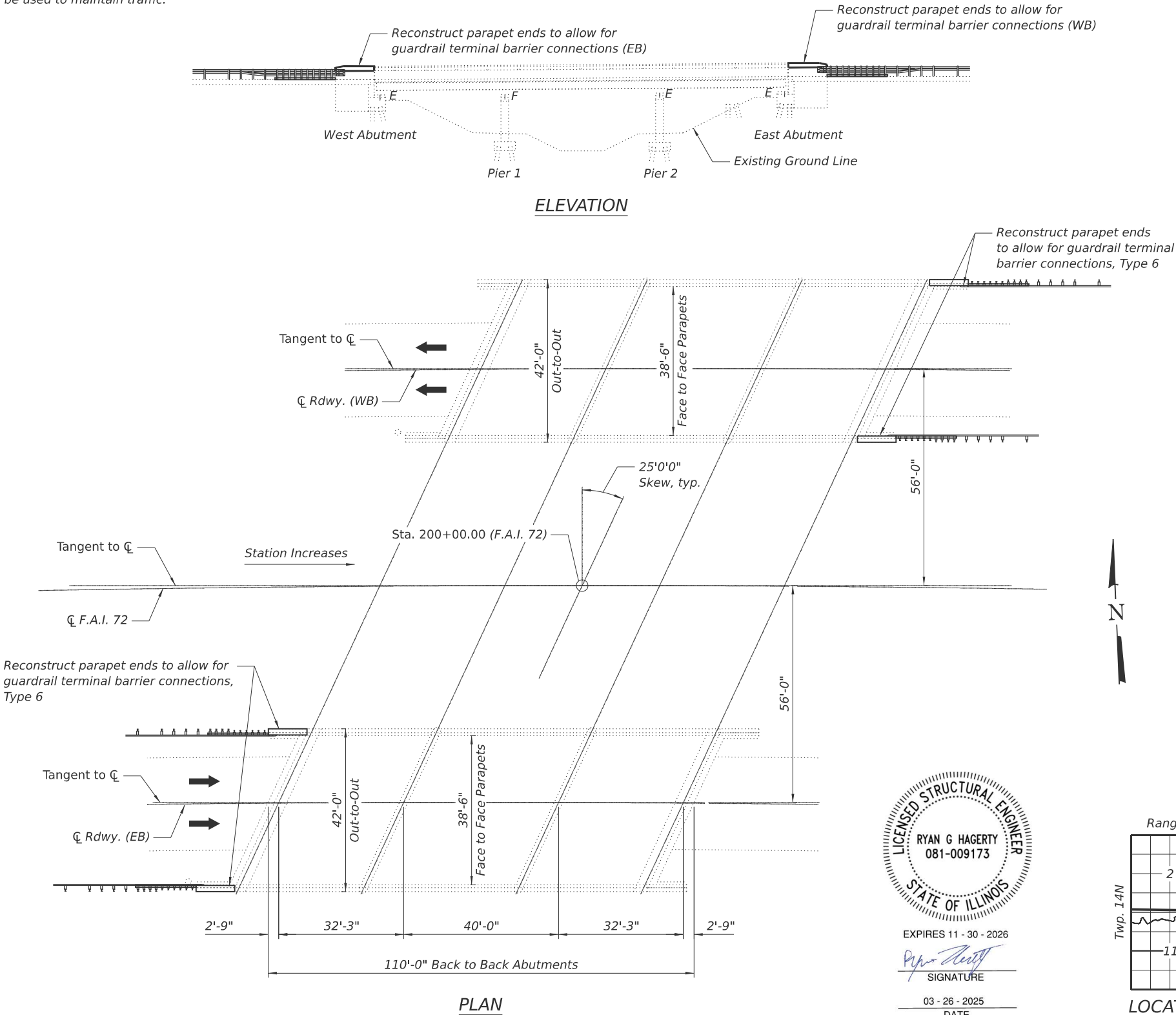


Bench Mark: #60; R.R. spike in 20" stump 20' E. on local tangent Sta. 200+00. Elevation 560.27

Existing structure: S.N. 086-0023(EB) & 0024(WB) was built in 1976 as F.A. Route 408. Section 86-10B at Sta. 200+00.00. Structure consists of a three span bridge with steel wide flange beams and reinforced concrete deck supported by stub abutments and wall piers with footings on steel H-Piles. Structure was rehabilitated in 2005 and 2010 which included replacing the expansion joint seals, structural repair of the east abutment, bridge deck repairs and a bridge deck overlay. 110'-0" back-to-back of abutments, 42'-0" out-to-out deck. Structure to remain in place with reconstructing parapet ends to allow for guardrail terminal barrier connections.

Staged construction shall be used to maintain traffic.

No salvage.



GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60. See Special Provisions.

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 shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

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 materials. Such variations shall not be cause for additional compensation for a change in scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

SCOPE OF WORK

1. Reconstruct parapet ends to allow for guardrail terminal barrier connections, Type 6.

INDEX OF SHEETS

1. General Plan and Elevation
2. Parapet Extension Details

DESIGN STRESSES

FIELD UNITS (Existing Construction)

f'c = 1,400 psi (Concrete)

fs = 20,000 psi (Reinforcement)

FIELD UNITS (New Construction)

f'c = 3,500 psi (Concrete)

fy = 60,000 psi (Reinforcement)

CURVE DATA F.A.I. 72

P.I. Sta. = 199+22.01

Δ = 8°47'37.6"

D = 0°45'

R = 7639.44'

T = 587.406'

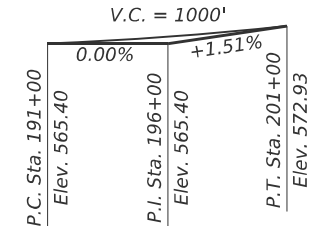
L = 1172.504'

E = 22.55'

S.E. = 0.033'/ft.

P.C. Sta. = 193+34.61

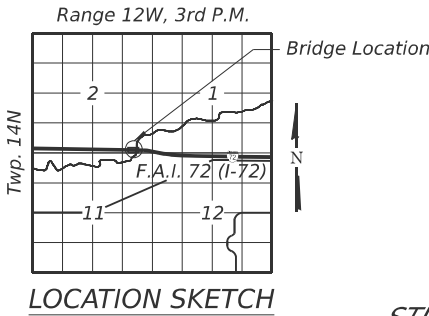
P.T. Sta. = 205+07.11



PROFILE GRADE F.A.I. 72

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Structures	Cu Yd	1		1
Reinforcement Bars, Epoxy Coated	Pound	150		150
Bridge Rail Removal	Foot	18		18



GENERAL PLAN AND ELEVATION

F.A.I. 72 (I-72) OVER WALNUT CREEK

F.A.I. 72 (I-72) - SEC 86-10RS-5

SCOTT COUNTY

STATION 200+00.00

STRUCTURE NO. 086+0023(EB) & 0024 (WB)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 086-0023 & 0024

SHEET 1 OF 2 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5)BRR-1,BP	SCOTT	75	53
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				



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PLOT DATE =	3/24/2025

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CHECKED -	RGH
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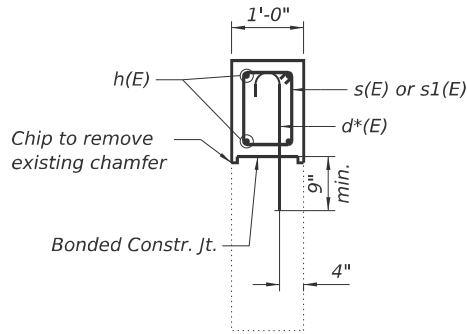
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

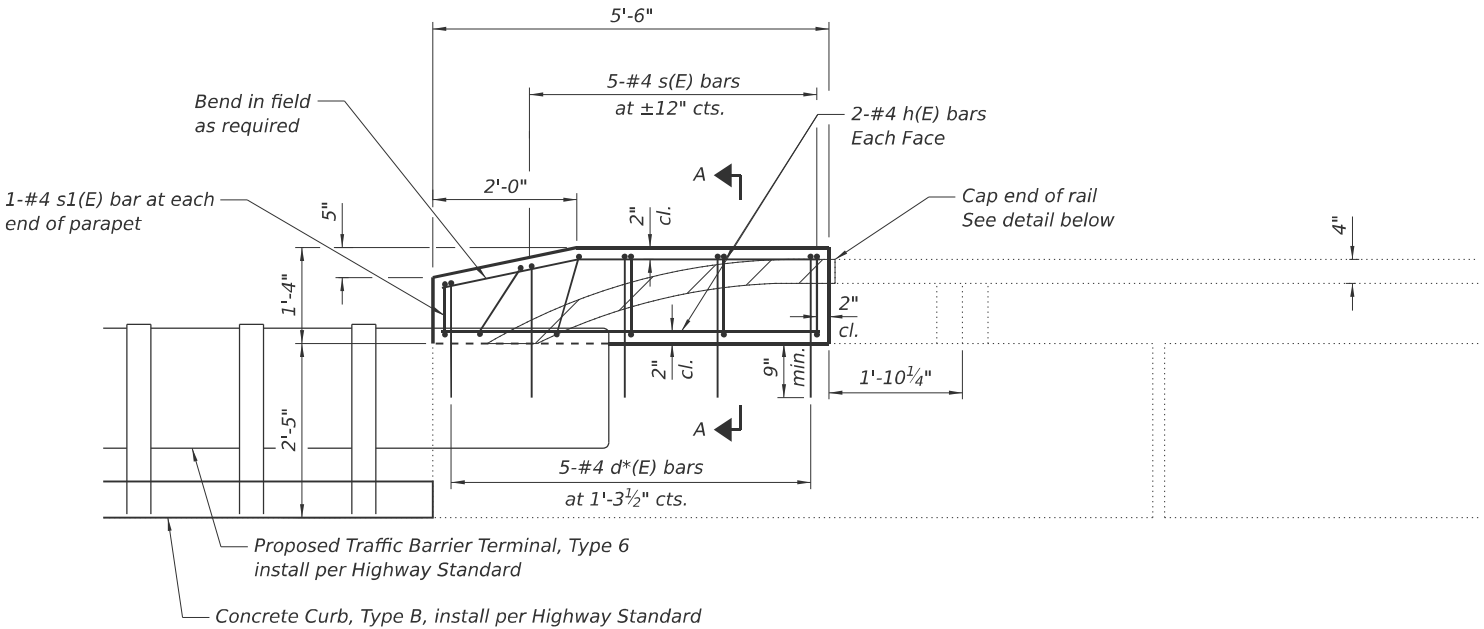
PARAPET EXTENSION DETAILS
STRUCTURE NO. 086-0023 & 0024

SHEET 2 OF 2 SHEETS

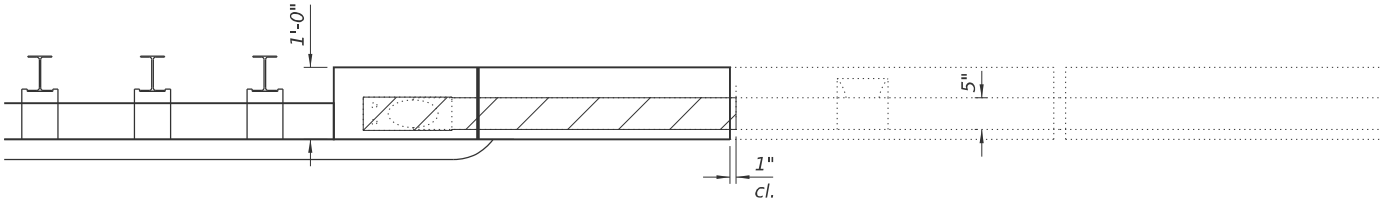
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72	(86-10RS-5)BRR-1,BP	SCOTT	75	54
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				



SECTION A-A



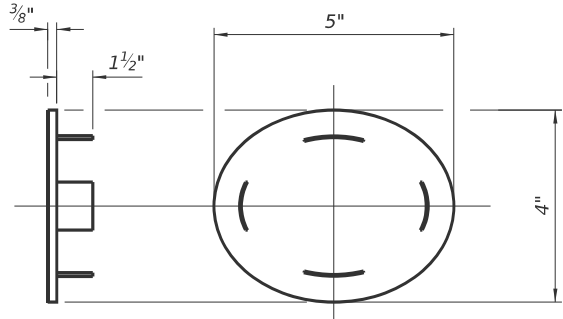
ELEVATION



PLAN

PARAPET EXTENSION DETAILS

(East Abutment - West Bound Structure)
(West Abutment - East Bound Structure)

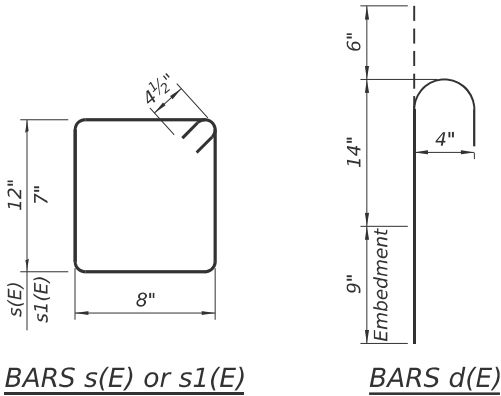


CAST END CAP

DRIVE FIT TYPE
(Cost included with Bridge Rail Removal)

BILL OF MATERIAL 4 PARAPETS (S.N. 086-0023, 0024)

Bar	No.	Size	Length	Shape
h(E)	16	#4	5'-2"	—
s(E)	20	#4	4'-1"	□
s1(E)	4	#4	3'-3"	□
d*(E)	20	#4	2'-5"	⌋
Concrete Structures			Cu. Yd.	1.0
Reinforcement Bars, Epoxy Coated			Pound	150
Bridge Rail Removal			Foot	18



BARS s(E) or s1(E)

BARS d(E)

GENERAL NOTES

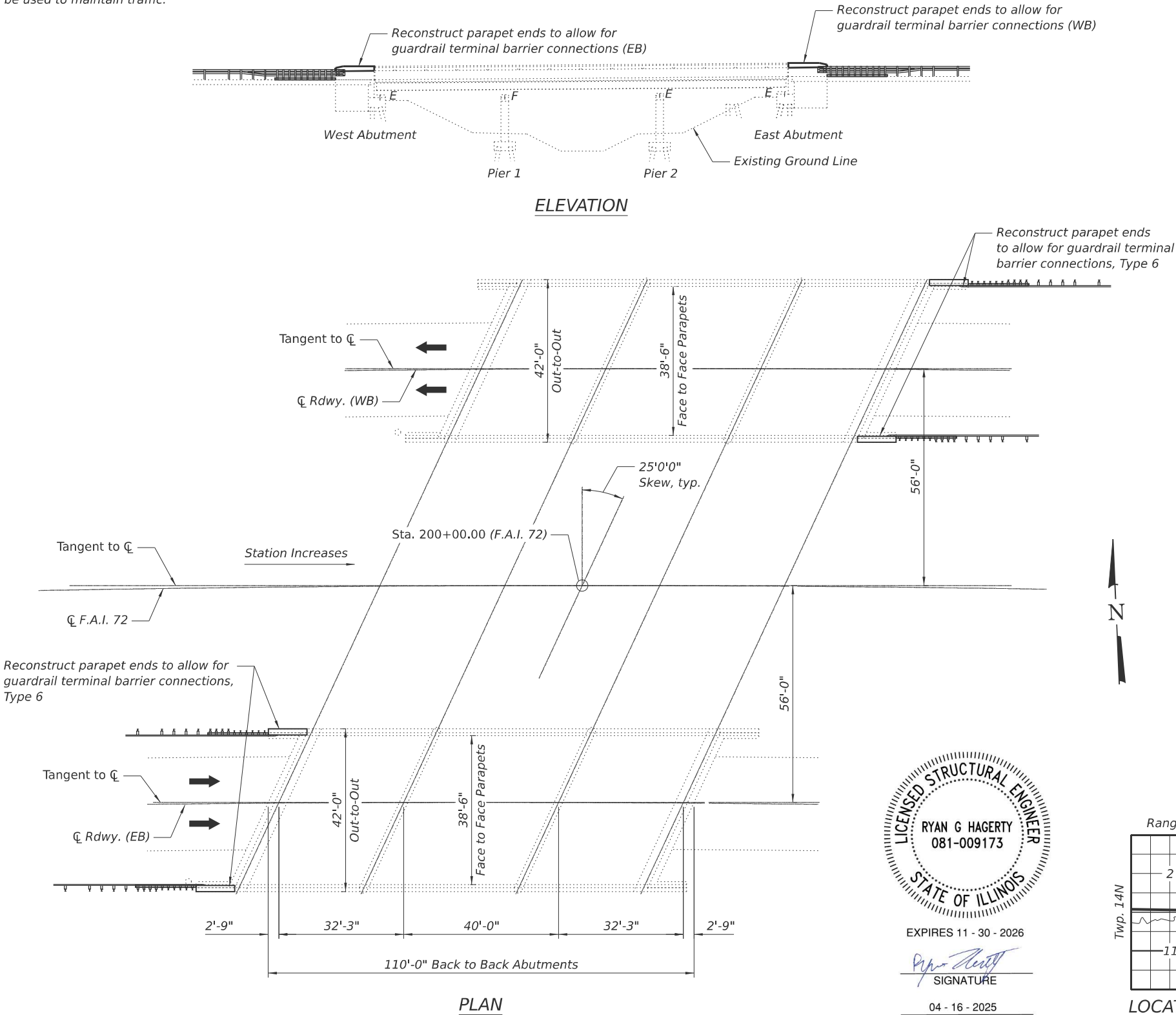
The parapet extension details shown on this sheet shall only be constructed on the approach end of each structure.
Reinforcement bars designated (E) shall be epoxy coated.
Hatched areas indicated limits of Bridge Rail Removal. The existing handrail shall be cut short of the new concrete by 1" to allow for placement of forms.
Bars designated d*(E) shall be drilled and grouted into the existing concrete parapet. Epoxy grouting shall be done in accordance with Section 584 of the Standard Specifications. The cost of the epoxy grouting and drilling shall be included in the cost of Reinforcement Bars, Epoxy Coated.
Plan dimensions and details relative to the existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the contractor's responsibility to verify such dimensions and details in the field 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 the scope of work. However, the contractor will be paid for the quantity actually furnished at the unit price for the work.

Bench Mark: #60; R.R. spike in 20" stump 20' E. on local tangent Sta. 200+00. Elevation 560.27

Existing structure: S.N. 086-0023(EB) & 0024(WB) was built in 1976 as F.A. Route 408, Section 86-10B at Sta. 200+00.00. Structure consists of a three span bridge with steel wide flange beams and reinforced concrete deck supported by stub abutments and wall piers with footings on steel H-Piles. Structure was rehabilitated in 2005 and 2010 which included replacing the expansion joint seals, structural repair of the east abutment, bridge deck repairs and a bridge deck overlay. 110'-0" back-to-back of abutments, 42'-0" out-to-out deck. Structure to remain in place with reconstructing parapet ends to allow for guardrail terminal barrier connections.

Staged construction shall be used to maintain traffic.

No salvage.



GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60. See Special Provisions.

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 shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

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 materials. Such variations shall not be cause for additional compensation for a change in scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

SCOPE OF WORK

1. Reconstruct parapet ends to allow for guardrail terminal barrier connections, Type 6.

INDEX OF SHEETS

1. General Plan and Elevation
2. Parapet Extension Details

DESIGN STRESSES

FIELD UNITS (Existing Construction)

$f_c = 1,400$ psi (Concrete)

$f_s = 20,000$ psi (Reinforcement)

FIELD UNITS (New Construction)

$f_c = 3,500$ psi (Concrete)

$f_y = 60,000$ psi (Reinforcement)

CURVE DATA F.A.I. 72

P.I. Sta. = 199+22.01

$\Delta = 8^\circ 47' 37.6''$

$D = 0^\circ 45'$

$R = 7639.44'$

$T = 587.406'$

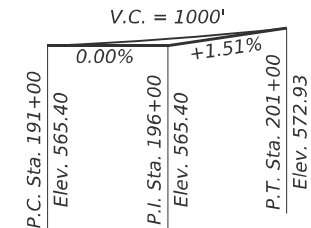
$L = 1172.504'$

$E = 22.55'$

$S.E. = 0.033'/ft.$

P.C. Sta. = 193+34.61

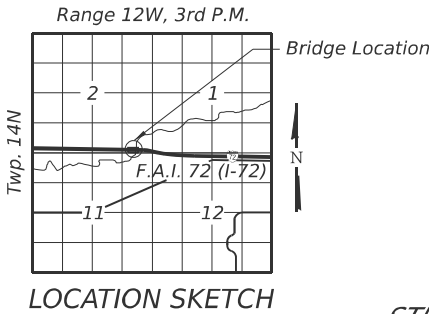
P.T. Sta. = 205+07.11



PROFILE GRADE F.A.I. 72

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Structures	Cu Yd	1		1
Reinforcement Bars, Epoxy Coated	Pound	240		240
Bridge Rail Removal	Foot	18		18



GENERAL PLAN AND ELEVATION

F.A.I. 72 (I-72) OVER WALNUT CREEK

F.A.I. 72 (I-72) - SEC 86-10RS-5

SCOTT COUNTY

STATION 200+00.00

STRUCTURE NO. 086+0023(EB) & 0024 (WB)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 086-0023 & 0024

SHEET 1 OF 2 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5)BRR-1,BP	SCOTT	75	53
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

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		CHECKED -	RGH	REVISED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

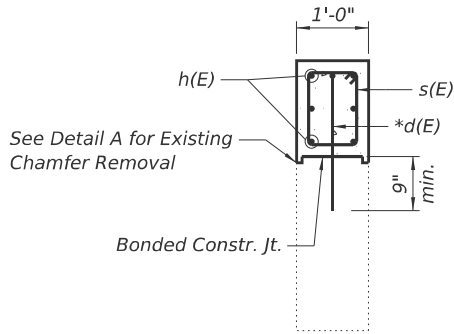
PARAPET EXTENSION DETAILS
STRUCTURE NO. 086-0023 & 0024

SHEET 2 OF 2 SHEETS

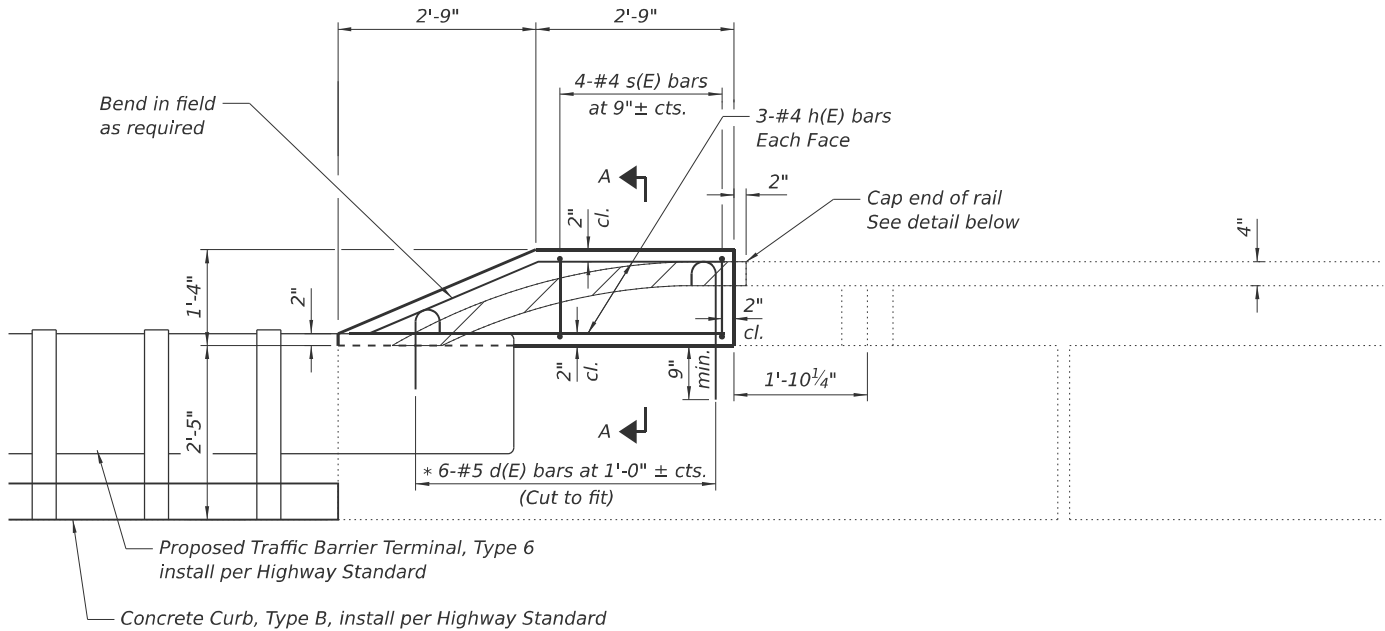
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5)BRR-1,BP	SCOTT	75	54
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

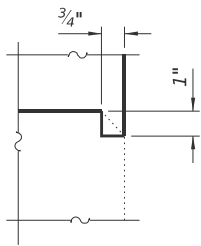
The parapet extension details shown on this sheet shall only be constructed on the approach end of each structure.
Hatched areas indicated limits of Bridge Rail Removal. The existing handrail shall be cut short of the new concrete by 2" to allow for placement of forms.



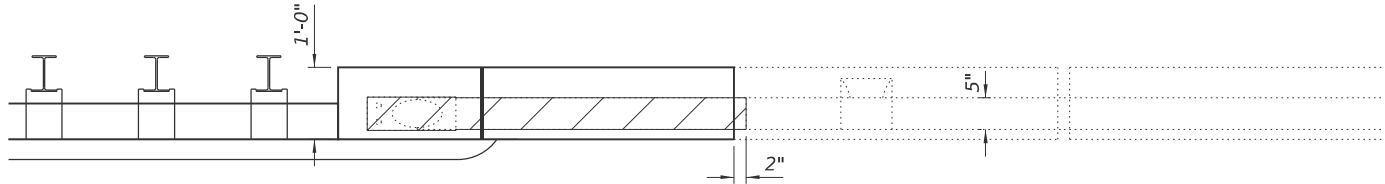
SECTION A-A



ELEVATION



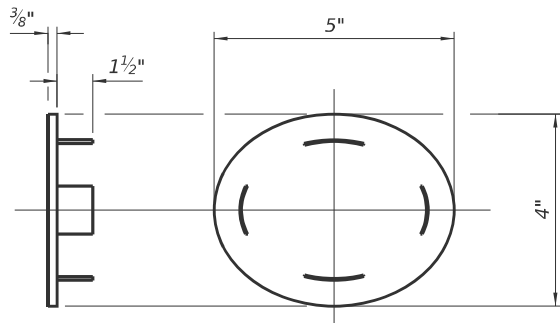
DETAIL A



PLAN

PARAPET EXTENSION DETAILS

(East Abutment - West Bound Structure)
(West Abutment - East Bound Structure)



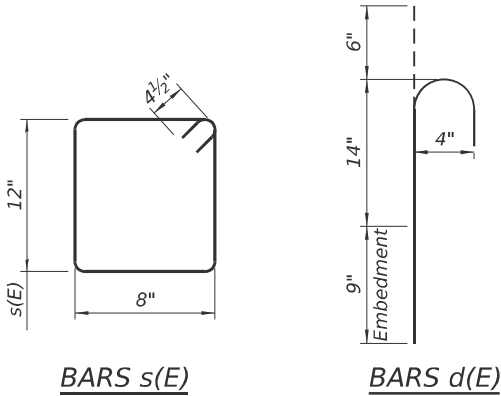
CAST END CAP

DRIVE FIT TYPE
(Cost included with Bridge Rail Removal)

BILL OF MATERIAL 4 PARAPETS (S.N. 086-0023, 0024)

Bar	No.	Size	Length	Shape
h(E)	24	#5	5'-0"	—
s(E)	16	#4	4'-1"	□
*d(E)	24	#5	2'-5"	C
Concrete Structures			Cu. Yd.	1.0
Reinforcement Bars, Epoxy Coated			Pound	240
Bridge Rail Removal			Foot	18

* Epoxy grout d(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.



BARS s(E)

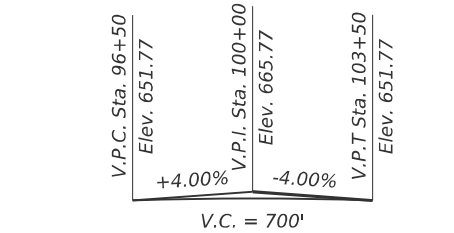
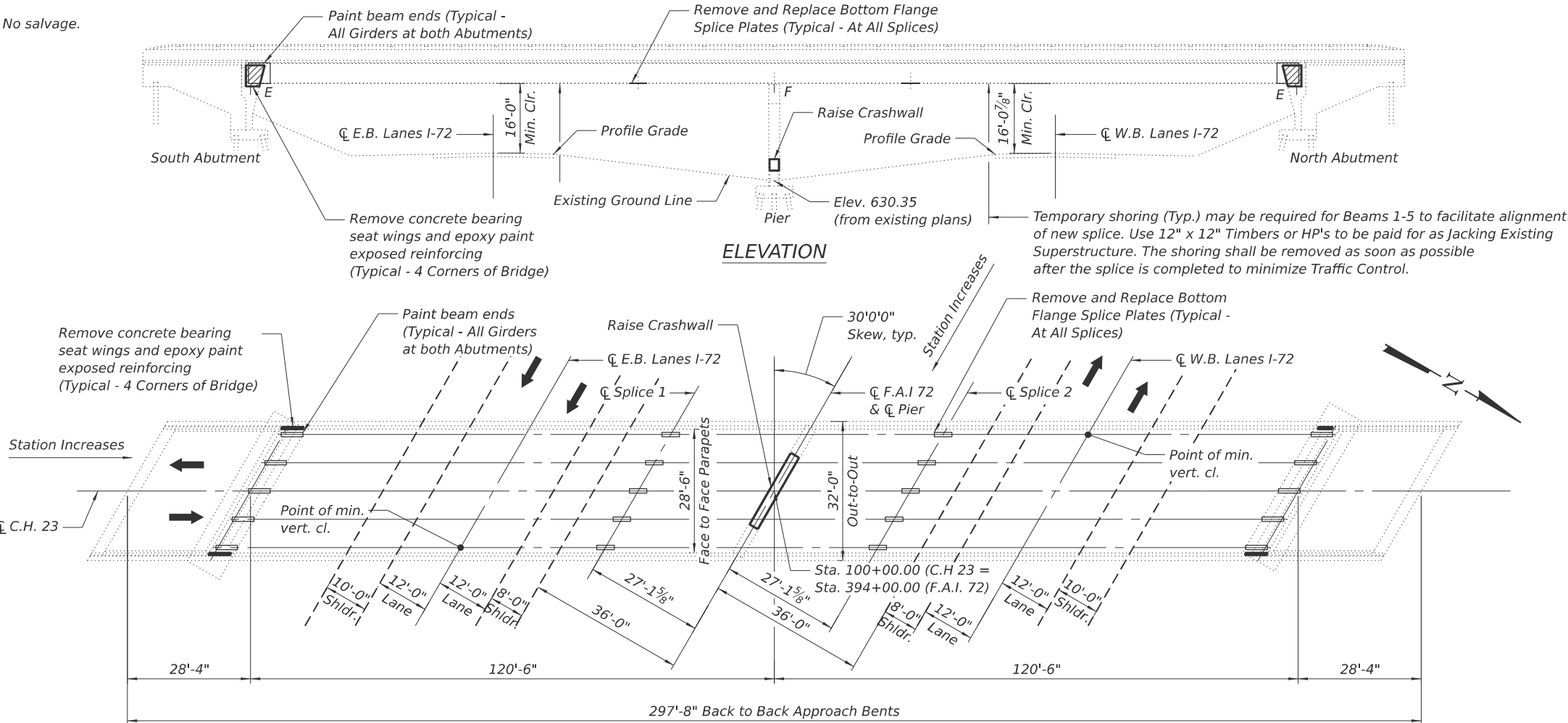
BARS d(E)

Bench Mark: #90; R.R. spike in P.P. 180' RT. Sta. 391+50. Elevation 632.87

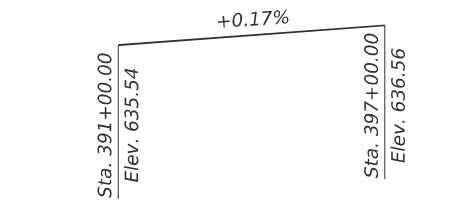
Existing structure: S.N. 069-0054 was built in 1976 as F.A. Route 408. Section 69-6HB-1 at Sta. 394+00.00. Structure consists of a two span continuous welded plate girder and reinforced concrete deck supported by vaulted abutments and a two column trapezoidal pier. Structure was rehabilitated in 2004 and 2010 which included replacing the expansion joint seals, bridge deck repairs and a bridge deck overlay. 297'-8" back-to-back of approach bents, 32'-0" out-to-out deck. Structure to remain in place with the raising of the crashwall, repainting of the beam ends, removal of the concrete bearing seat wings, and replacement of all bottom flange splice plates.

Structure to remain open to traffic with no restrictions during the crashwall and abutment work. No traffic is allowed on the bridge during the bottom flange splice work and some restrictions to I-72 may be required as well during this work.

No salvage.



PROFILE GRADE C.H. 23 (AT C)



PROFILE GRADE F.A.I. 72

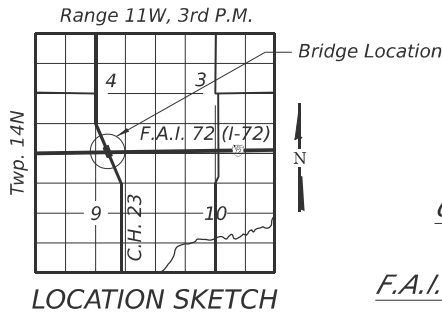
PLAN

INDEX OF SHEETS

1. General Plan and Elevation
2. Splice Plate Repair
3. Concrete Removal Detail
4. Pier Repair Details
5. As Built Framing Plan

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Removal	Cu Yd		1.6	1.6
Concrete Structures	Cu Yd		4.1	4.1
Reinforcement Bars, Epoxy Coated	Pound		470	470
Structural Steel Repair	Pound	2,440		2,440
Cleaning and Painting Exposed Rebar	Sq Ft		18	18
Containment and Disposal of Lead Paint Cleaning Residues	L. Sum	1		1
Cleaning and Painting Steel Bridge	L. Sum	1		1
Jacking Existing Superstructure	L. Sum	1		1



LOCATION SKETCH

GENERAL NOTES

Fasteners shall be ASTM F 3125 Grade A325 Type 1, mechanically galvanized bolts in painted areas. Bolts $\frac{3}{4}$ in. diameter, holes $\frac{13}{16}$ in. diameter, unless otherwise noted.

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.

Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the special provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to the existing structure have been taken from 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.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to address the presence of lead on this project.

All new structural steel shall be shop painted with an inorganic zinc rich primer per AASHTO M 300, Type 1. All new structural steel shall receive the intermediate and finish coat in the field.

Cleaning and painting of the existing structural steel shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures". All beams, bearings and other structural steel within 5 ft (measured along the beam) from the end of the beam shall be cleaned per Near White Blast Cleaning - SSPC- SP10. The designated areas cleaned per Near White Blast Cleaning shall be painted according to the requirements of Organic Zinc-Rich/ Epoxy/ Urethane paint system. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No 5B 7/1. The color of the final finish coat for the exterior surfaces of the fascia beams shall be Interstate Green, Munsell No. 7.5G 4/8.

A minimum of 2 air monitors will be required to monitor abrasive blasting operations at this site. See special provision for "Containment and Disposal of Lead Paint Cleaning Residues."

SSPC QP1 and QP2 Contractor Certification is required for this Contract.

SCOPE OF WORK

1. Remove and replace all bottom flange splice plates.
2. Remove concrete bearing seat wings and epoxy paint exposed reinforcing.
3. Repaint beam ends at both abutments.
4. Raise Crashwall on Pier.

DESIGN STRESSES

FIELD UNITS (Existing Construction)

$f'c = 1,400$ psi (Substructure Concrete)
 $f_s = 20,000$ psi (Reinforcement)
 $F_s = 20,000$ psi (Structural Steel)

FIELD UNITS (New Construction)

$f'c = 3,500$ psi (Concrete)
 $f_y = 60,000$ psi (Reinforcement)
 $F_y = 36,000$ psi (Structural Steel)

GENERAL PLAN AND ELEVATION

C.H. 23 OVER F.A.I. 72 (I-72)

F.A.I. 72 (I-72) - SEC (69-6RS-3)BRR-1,BP

MORGAN COUNTY

STATION 394+00.00

STRUCTURE NO. 069-0054

GENERAL PLAN AND ELEVATION STRUCTURE NO. 069-0054

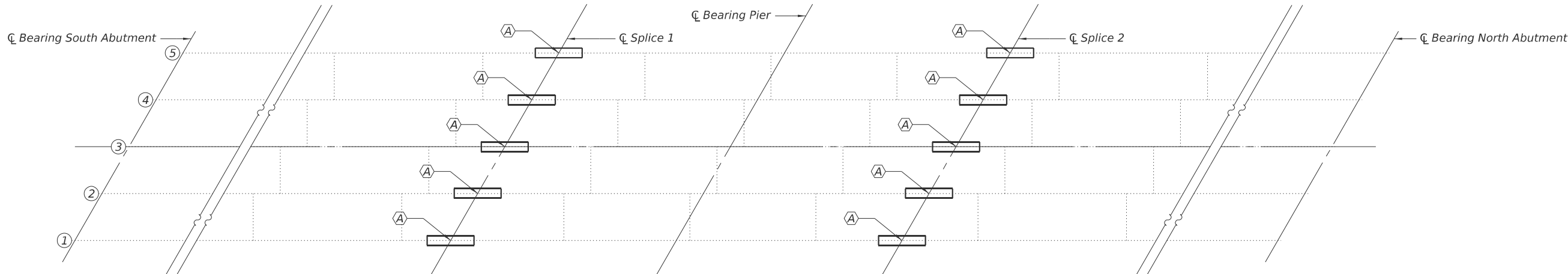
SHEET 1 OF 5 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(69-6RS-3)BRR-1,BP	MORGAN	75	57
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

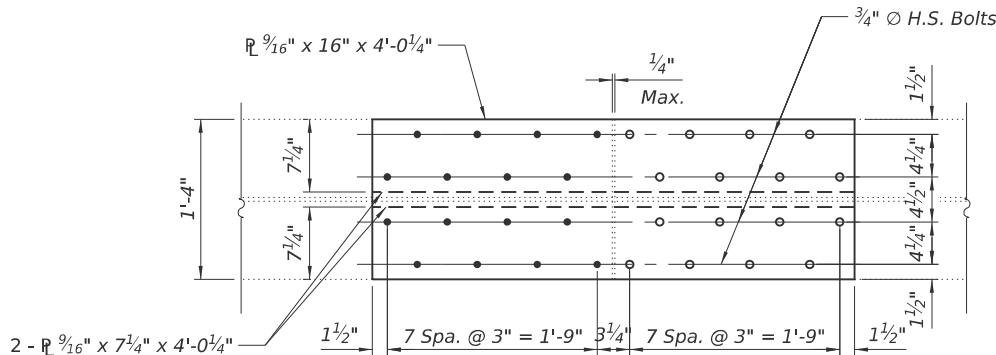
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PLOT DATE = 3/24/2025	CHECKED - RGH	REVISED -





PARTIAL FRAMING PLAN

(A)- Bottom Flange Splice Repair



REPAIR "A" - SPLICE DETAIL
(10 locations)

BOLT HOLE LEGEND

- Field drill using holes in new steel using existing steel as template.
- Shop drill holes in new steel.

NOTES

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.
Fasteners shall be high strength bolts. Bolts 3/4"Ø, open holes 13/16"Ø, unless otherwise noted.
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
Cost of removal and reinstallation of all members necessary to complete the work as detailed on the plans and as specified in the Special Provisions shall be included with Structural Steel Repair.

BILL OF MATERIAL

ITEM	UNIT	SUPER	TOTAL
Structural Steel Repair	Pound	2,440	2,440
Containment and Disposal of Lead Paint Cleaning Residues	L. Sum	1	1
Cleaning and Painting Steel Bridge	L. Sum	1	1
Jacking Existing Superstructure	L. Sum	1	1

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PLOT DATE =	3/24/2025	CHECKED -	RGH	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BOTTOM FLANGE SPLICE REPAIR DETAILS
STRUCTURE NO. 069-0054

SHEET 2 OF 5 SHEETS

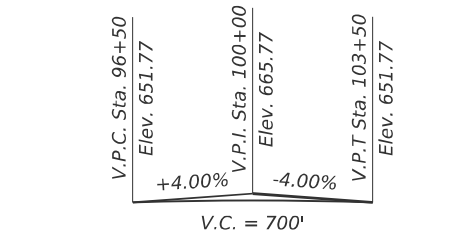
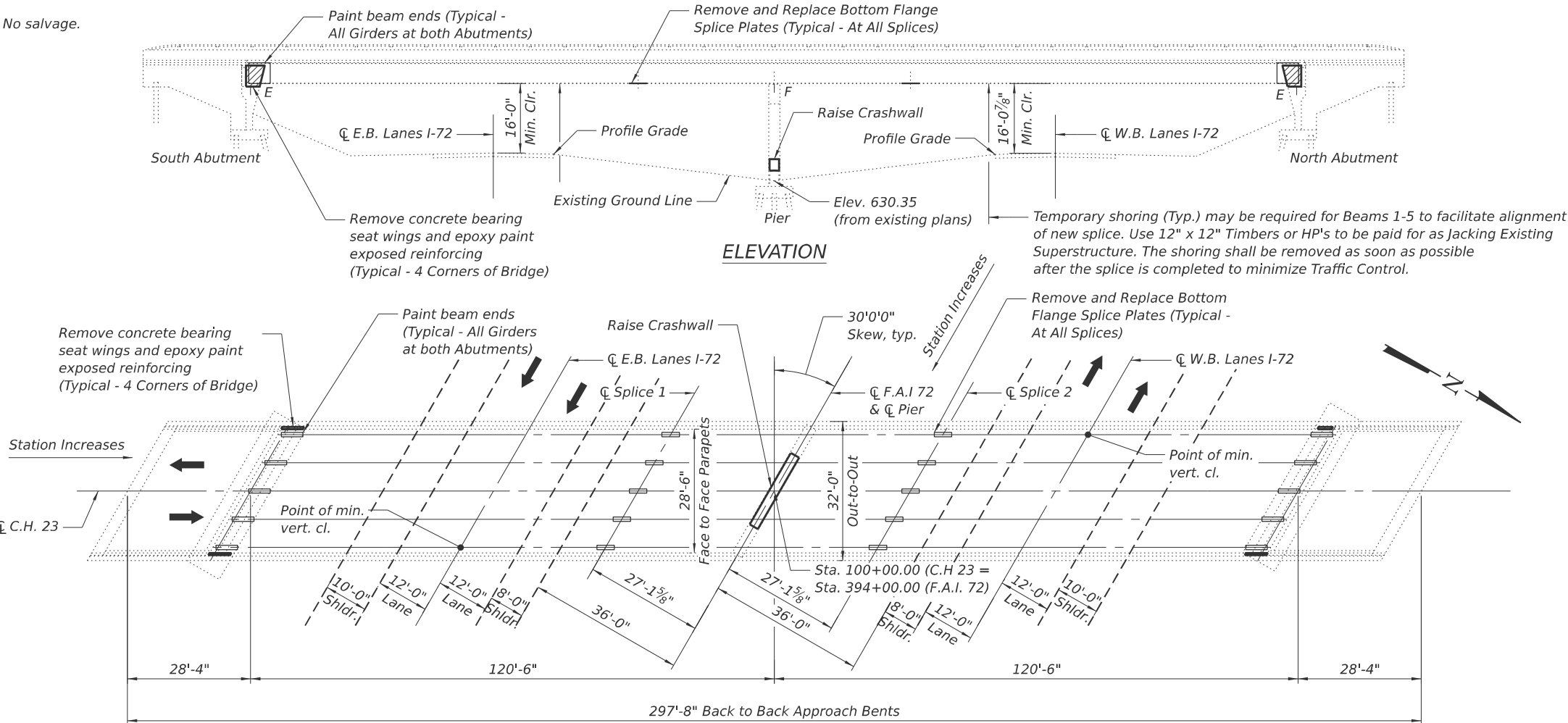
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(69-6RS-3)BRR-1,BP	MORGAN	75	58
		CONTRACT NO. 72A58		
		ILLINOIS	FED. AID PROJECT	

Bench Mark: #90; R.R. spike in P.P. 180' RT. Sta. 391+50. Elevation 632.87

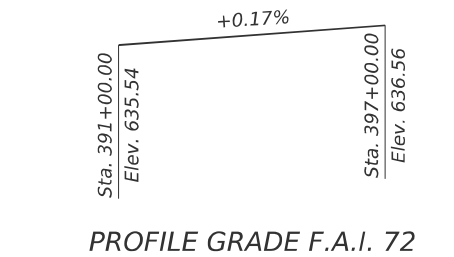
Existing structure: S.N. 069-0054 was built in 1976 as F.A. Route 408. Section 69-6HB-1 at Sta. 394+00.00. Structure consists of a two span continuous welded plate girder and reinforced concrete deck supported by vaulted abutments and a two column trapezoidal pier. Structure was rehabilitated in 2004 and 2010 which included replacing the expansion joint seals, bridge deck repairs and a bridge deck overlay. 297'-8" back-to-back of approach bents, 32'-0" out-to-out deck. Structure to remain in place with the raising of the crashwall, repainting of the beam ends, removal of the concrete bearing seat wings, and replacement of all bottom flange splice plates.

Structure to remain open to traffic with no restrictions during the crashwall and abutment work. No traffic is allowed on the bridge during the bottom flange splice work and some restrictions to I-72 may be required as well during this work.

No salvage.



PROFILE GRADE C.H. 23 (AT C)



PROFILE GRADE F.A.I. 72

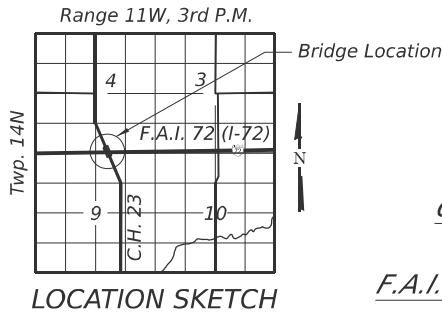
PLAN

INDEX OF SHEETS

1. General Plan and Elevation
2. Splice Plate Repair
3. Concrete Removal Detail
4. Pier Repair Details
5. As Built Framing Plan

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Removal	Cu Yd		1.6	1.6
Concrete Structures	Cu Yd		4.1	4.1
Reinforcement Bars, Epoxy Coated	Pound		470	470
Structural Steel Repair	Pound	2,440		2,440
Cleaning and Painting Exposed Rebar	Sq Ft		17.1	17.1
Containment and Disposal of Lead Paint Cleaning Residues	L. Sum	1		1
Cleaning and Painting Steel Bridge	L. Sum	1		1
Jacking Existing Superstructure	L. Sum	1		1



LOCATION SKETCH

GENERAL NOTES

Fasteners shall be ASTM F 3125 Grade A325 Type 1, mechanically galvanized bolts in painted areas. Bolts 3/4 in. diameter, holes 13/16 in. diameter, unless otherwise noted.

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.

Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the special provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to the existing structure have been taken from 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.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to address the presence of lead on this project.

All new structural steel shall be shop painted with an inorganic zinc rich primer per AASHTO M 300, Type 1. All new structural steel shall receive the intermediate and finish coat in the field.

Cleaning and painting of the existing structural steel shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures". All beams, bearings and other structural steel within 5 ft (measured along the beam) from the end of the beam shall be cleaned per Near White Blast Cleaning - SSPC- SP10. The designated areas cleaned per Near White Blast Cleaning shall be painted according to the requirements of Organic Zinc-Rich/ Epoxy/ Urethane paint system. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No 5B 7/1. The color of the final finish coat for the exterior surfaces of the fascia beams shall be Interstate Green, Munsell No. 7.5G 4/8.

A minimum of 2 air monitors will be required to monitor abrasive blasting operations at this site. See special provision for "Containment and Disposal of Lead Paint Cleaning Residues."

SSPC QP1 and QP2 Contractor Certification is required for this Contract.

SCOPE OF WORK

1. Remove and replace all bottom flange splice plates.
2. Remove concrete bearing seat wings and epoxy paint exposed reinforcing.
3. Repaint beam ends at both abutments.
4. Raise Crashwall on Pier.

DESIGN STRESSES

FIELD UNITS (Existing Construction)
f'c = 1,400 psi (Substructure Concrete)
fs = 20,000 psi (Reinforcement)
Fs = 20,000 psi (Structural Steel)

FIELD UNITS (New Construction)
f'c = 3,500 psi (Concrete)
fy = 60,000 psi (Reinforcement)
Fy = 36,000 psi (Structural Steel)

GENERAL PLAN AND ELEVATION

C.H. 23 OVER F.A.I. 72 (I-72)

F.A.I. 72 (I-72) - SEC (69-6RS-3)BRR-1,BP

MORGAN COUNTY

STATION 394+00.00

STRUCTURE NO. 069-0054

GENERAL PLAN AND ELEVATION STRUCTURE NO. 069-0054

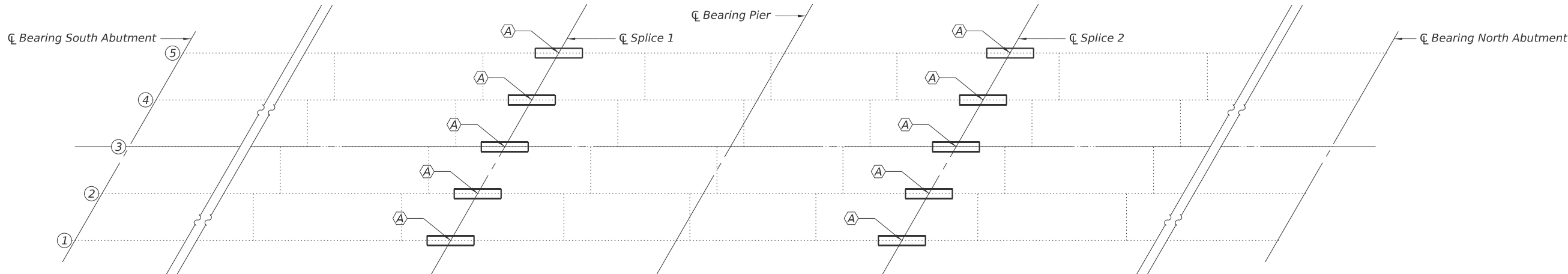
SHEET 1 OF 5 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(69-6RS-3)BRR-1,BP	MORGAN	75	57
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

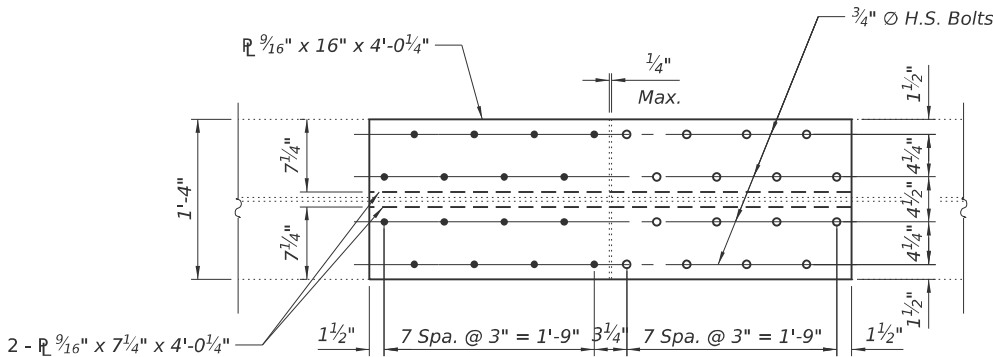
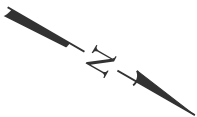
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PLOT DATE = 4/16/2025	CHECKED - RGH	REVISED -





PARTIAL FRAMING PLAN

(A)- Bottom Flange Splice Repair



REPAIR "A" - SPLICE DETAIL
(10 locations)

BOLT HOLE LEGEND

- - Field drill using holes in new steel using existing steel as template.
- - Shop drill holes in new steel.

NOTES

Cost of removal and reinstallation of all members necessary to complete the work as detailed on the plans and as specified in the Special Provisions shall be included with Structural Steel Repair.

BILL OF MATERIAL

ITEM	UNIT	SUPER	TOTAL
Structural Steel Repair	Pound	2,440	2,440
Containment and Disposal of Lead Paint Cleaning Residues	L. Sum	1	1
Cleaning and Painting Steel Bridge	L. Sum	1	1
Jacking Existing Superstructure	L. Sum	1	1

MODEL: 0690054-72A58-002-FRAMING PLAN
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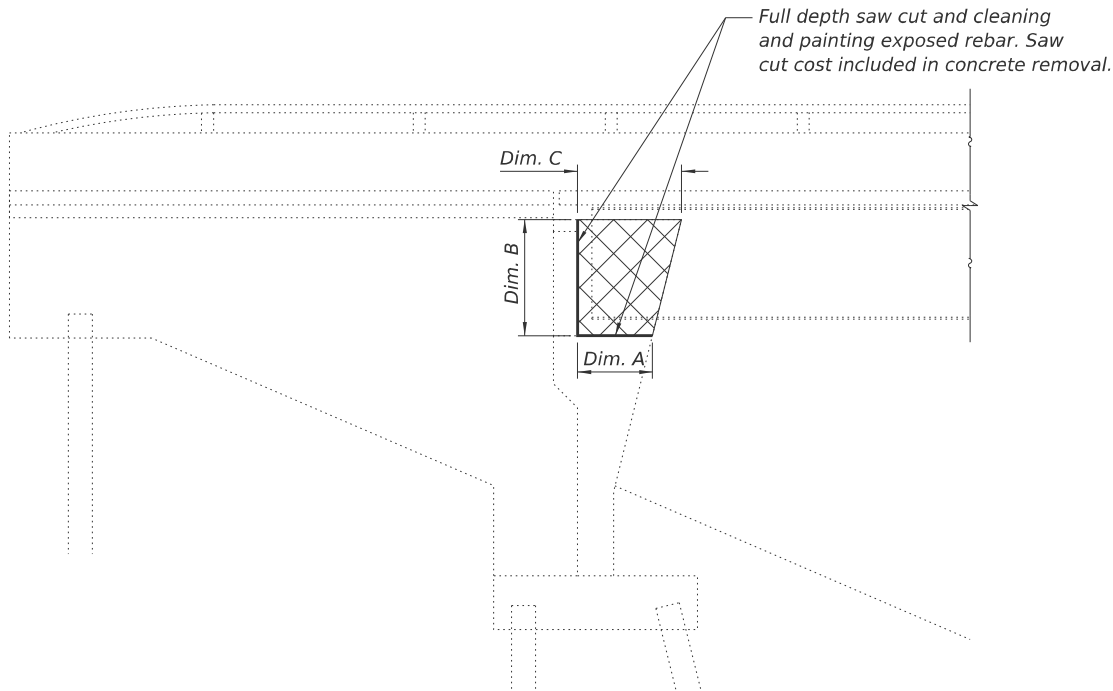
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

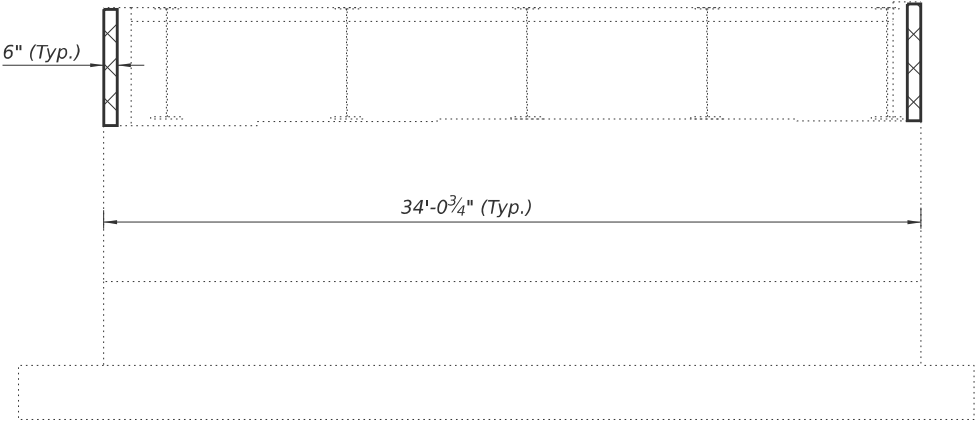
BOTTOM FLANGE SPLICE REPAIR DETAILS
STRUCTURE NO. 069-0054

SHEET 2 OF 5 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(69-6RS-3)BRR-1,BP	MORGAN	75	58
		CONTRACT NO. 72A58		
		ILLINOIS	FED. AID PROJECT	



TYPICAL ABUTMENT SIDE ELEVATION



TYPICAL ABUTMENT FRONT ELEVATION

Note: Removed Concrete shall not be replaced.



SN	ABUT.	DIM A (FT)	DIM B (FT)	DIM C (FT)	CONC. REM. (CY)	CLEAN & PAINT EXPOSED REBAR (SF)
069-0054	NW	3.61	4.84	5.00	0.39	4.23
069-0054	NE	3.61	4.84	5.00	0.39	4.23
069-0054	SW	3.61	5.07	5.07	0.41	4.34
069-0054	SE	3.61	5.07	5.07	0.41	4.34
				TOTALS	1.6	17.1

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Concrete Removal	Cu Yd	1.6
Cleaning and Painting Exposed Rebar	Sq Ft	17.1

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE REMOVAL DETAIL
STRUCTURE NO. 069-0054

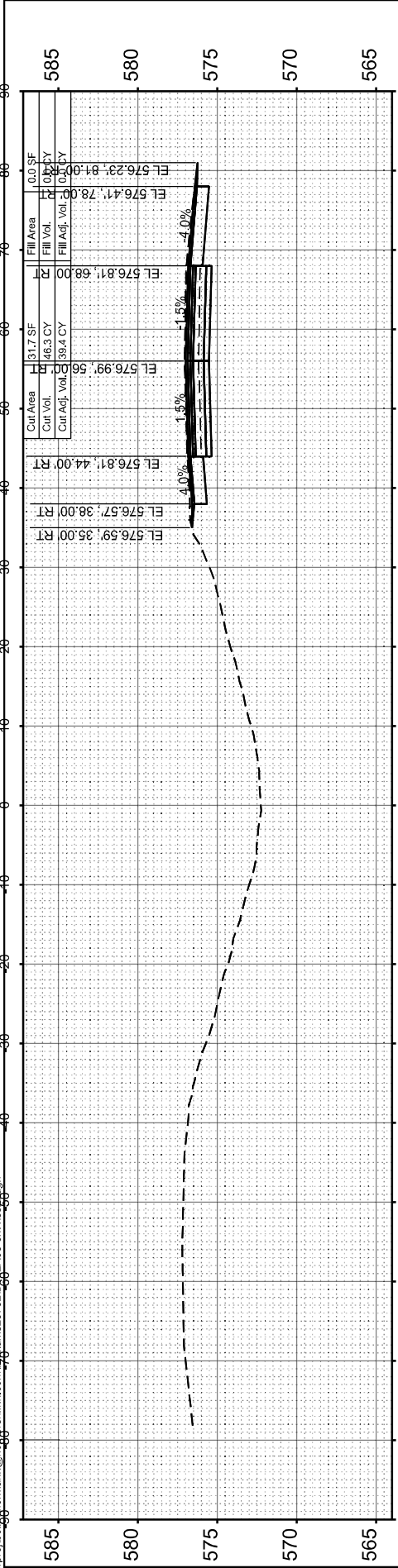
SHEET 3 OF 5 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 72A58		
		ILLINOIS	FED. AID PROJECT	

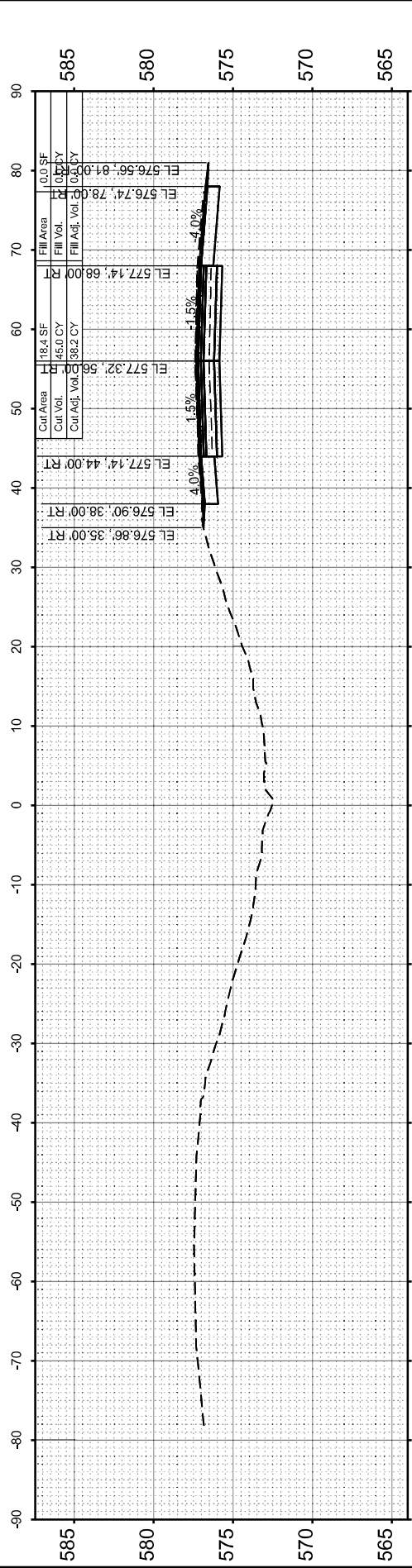
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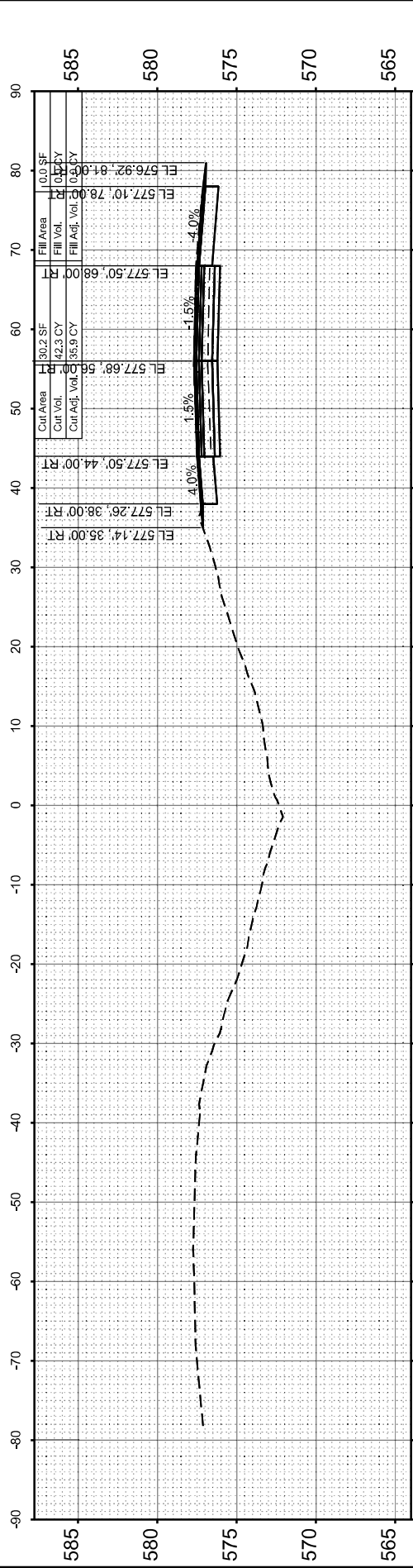
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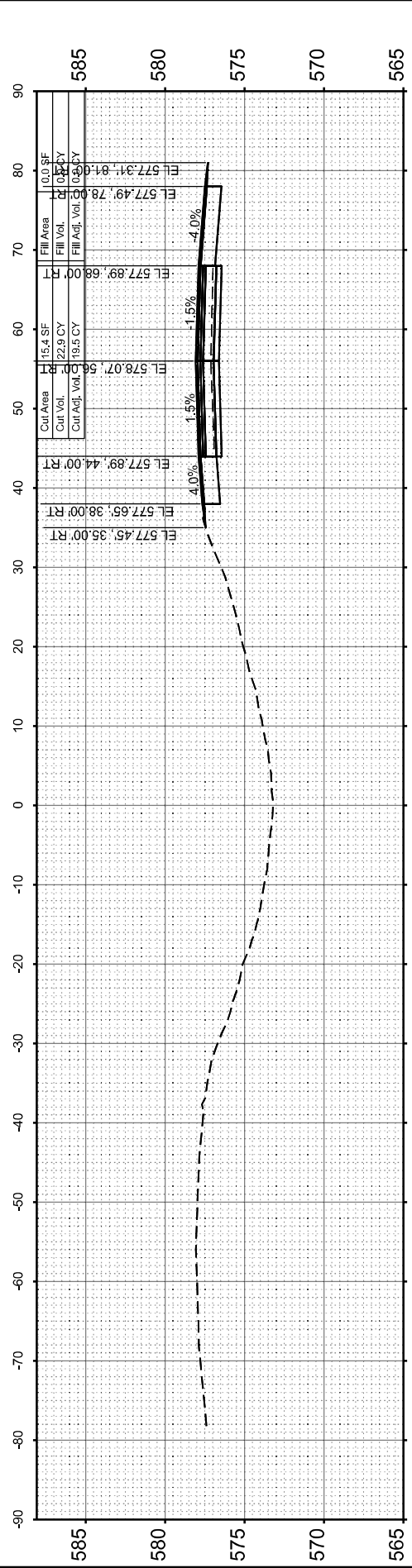
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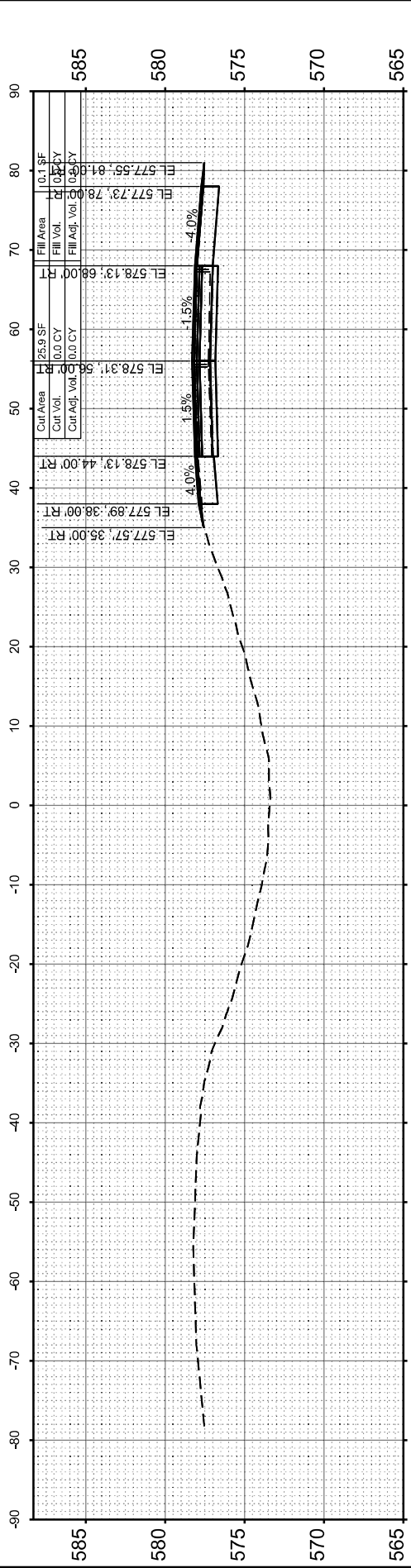
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STA 142+00.00



STA 141+70.00



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-72 RESURFACING

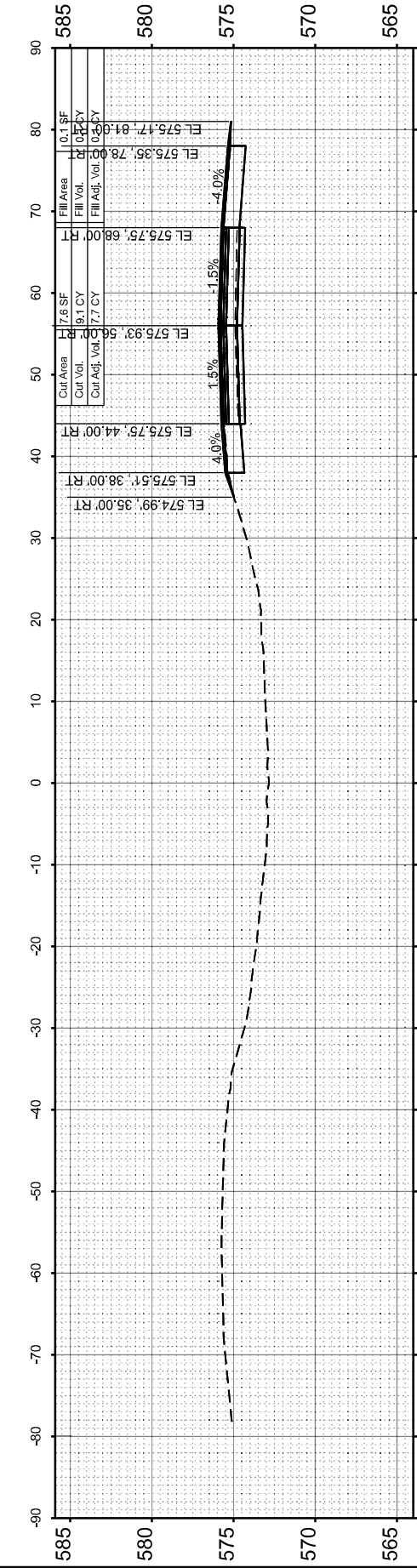
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

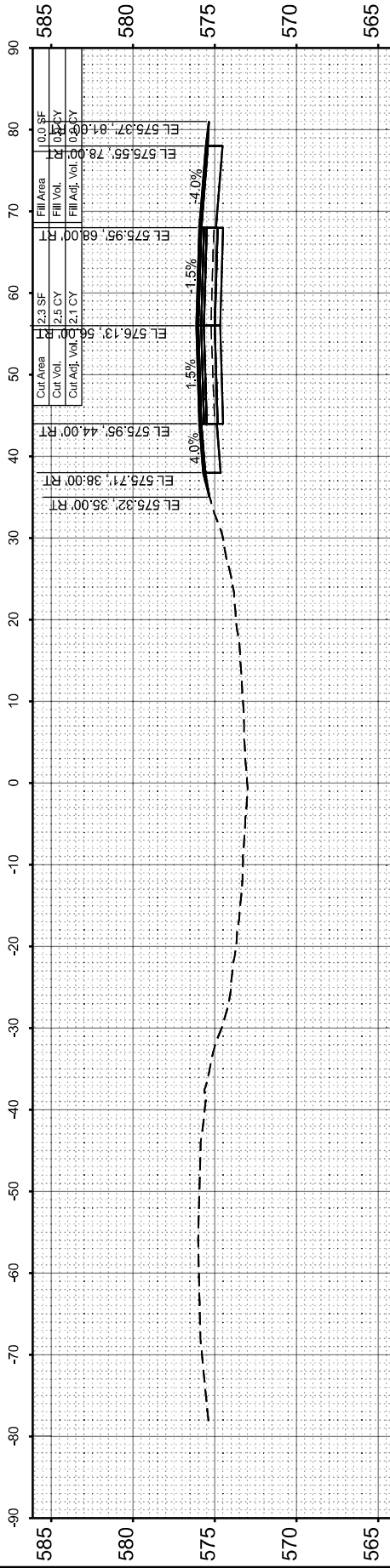
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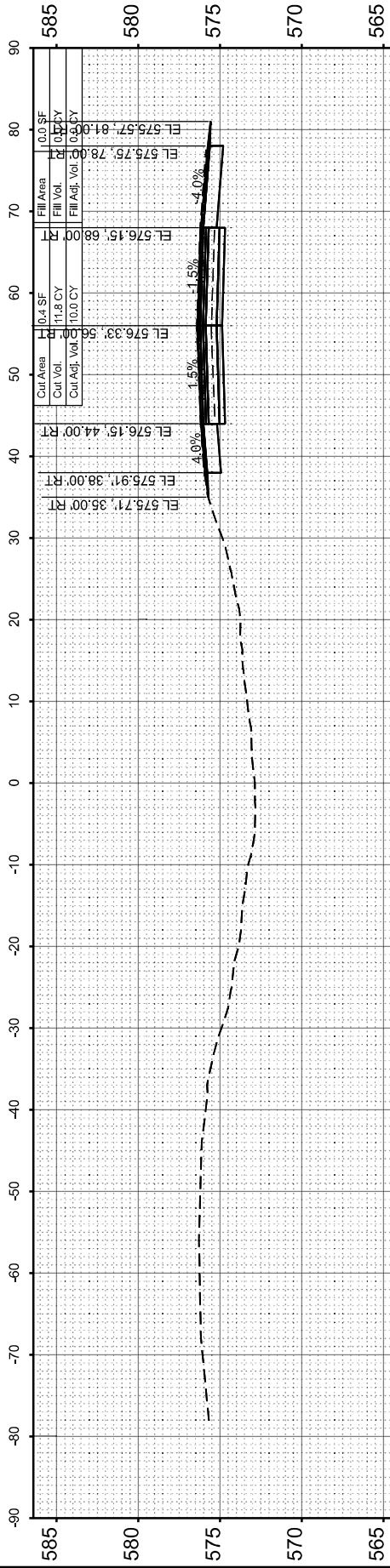
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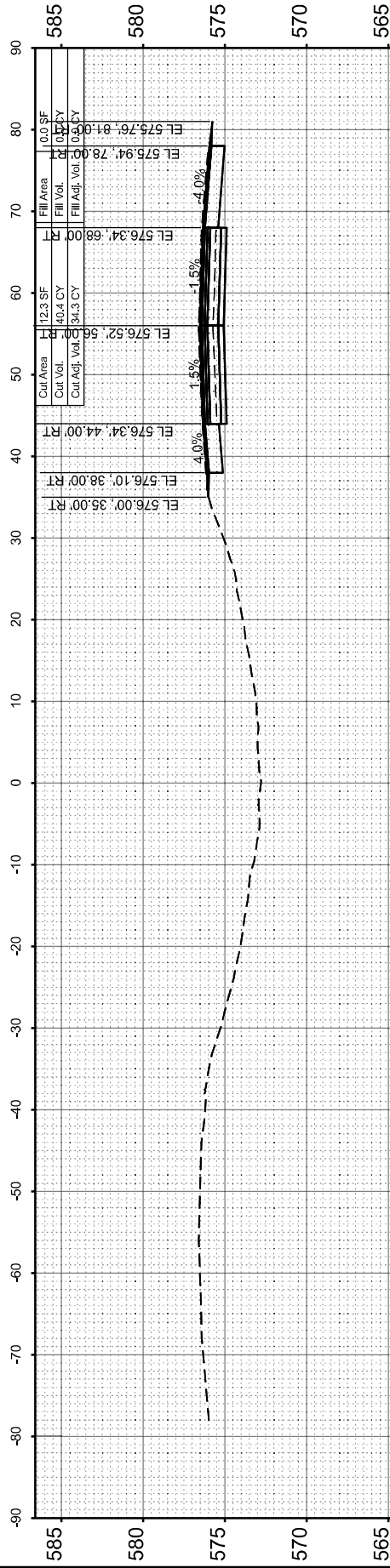
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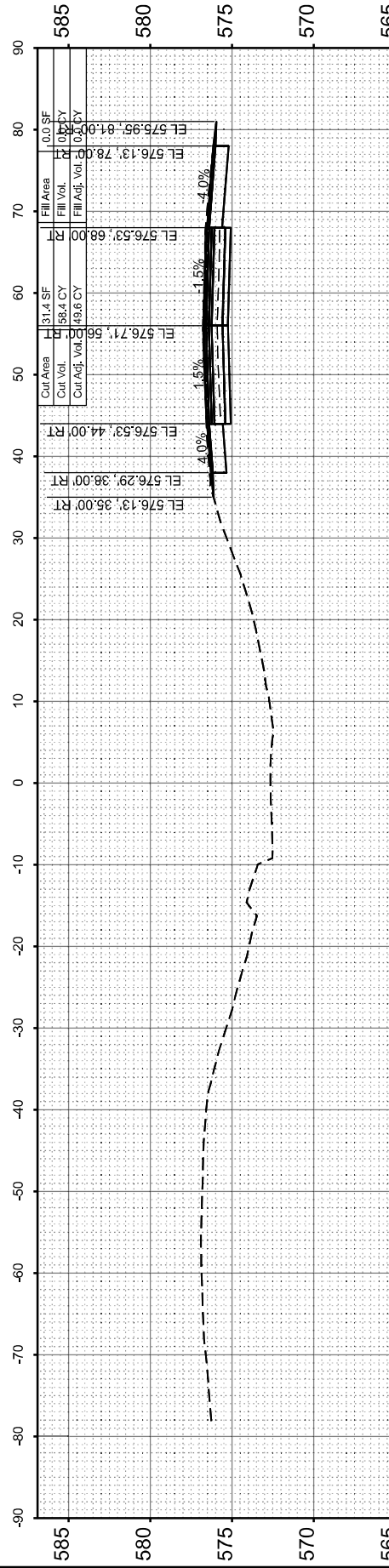
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STA 144+00.00



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-72 RESURFACING

SCALE: 1"=10'
SHEET 2 OF 14 SHEETS
STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	71
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

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NOTE BOOK	TEMPLATE		
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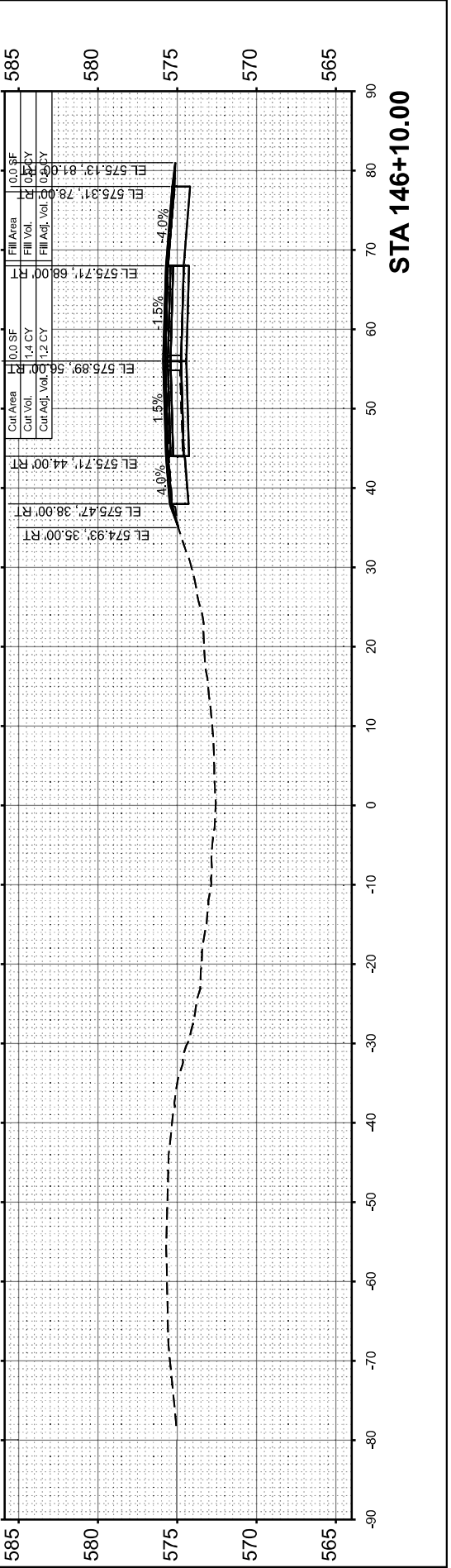
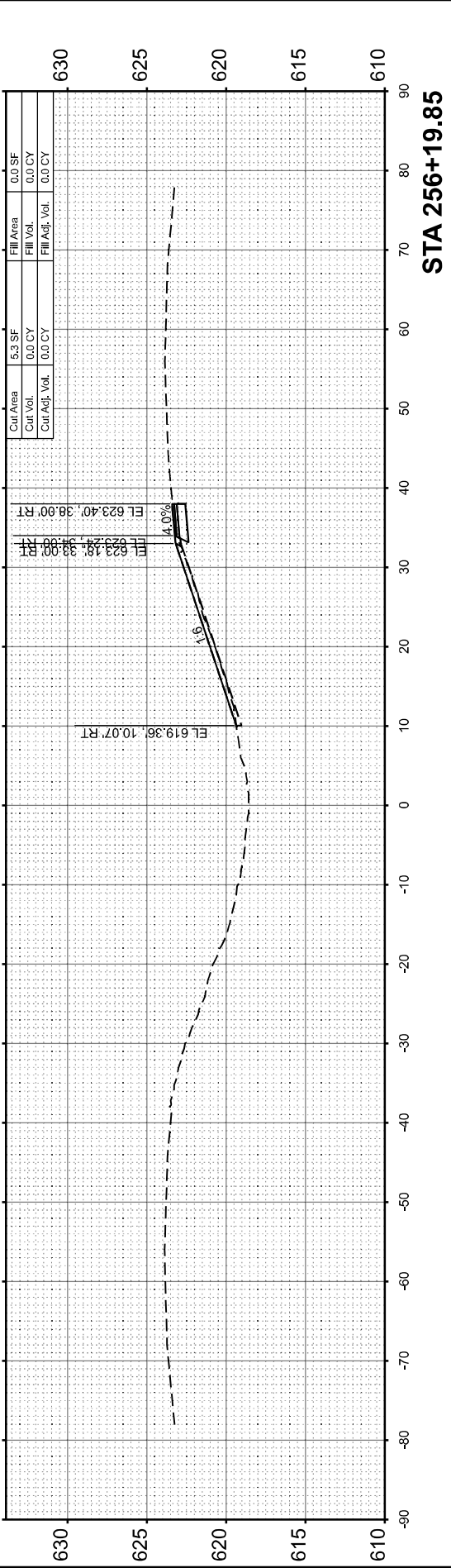
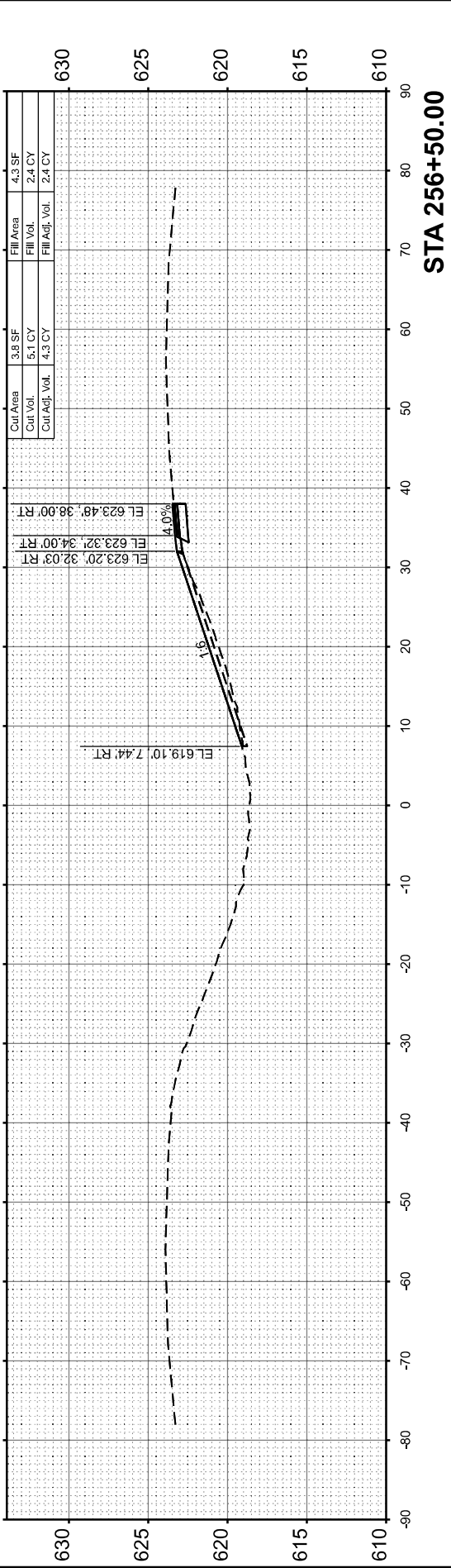
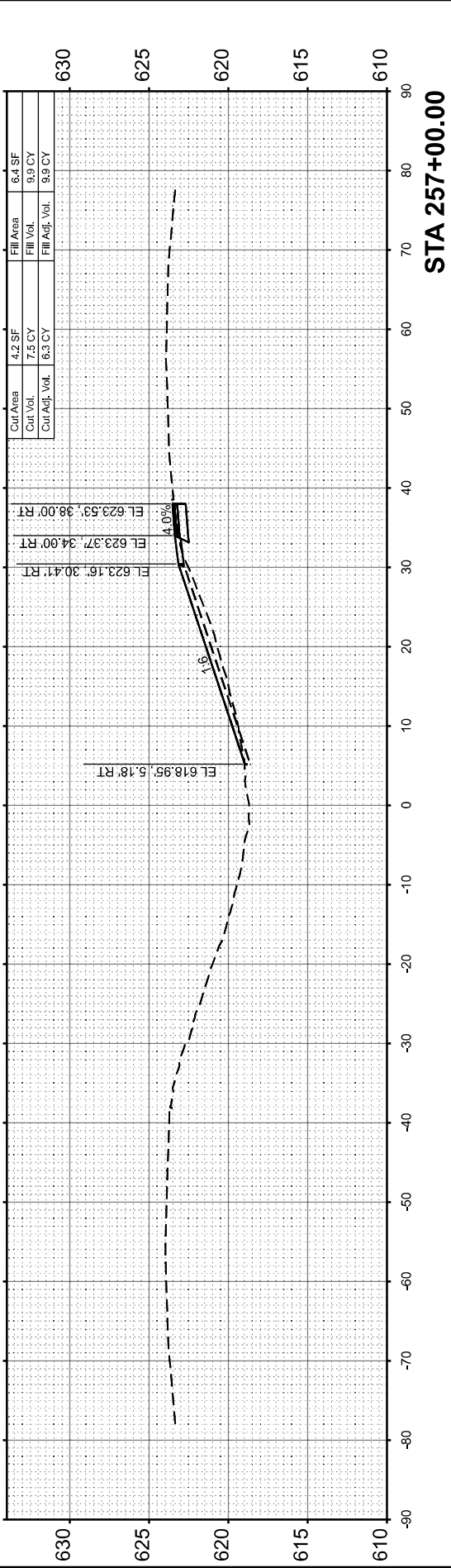
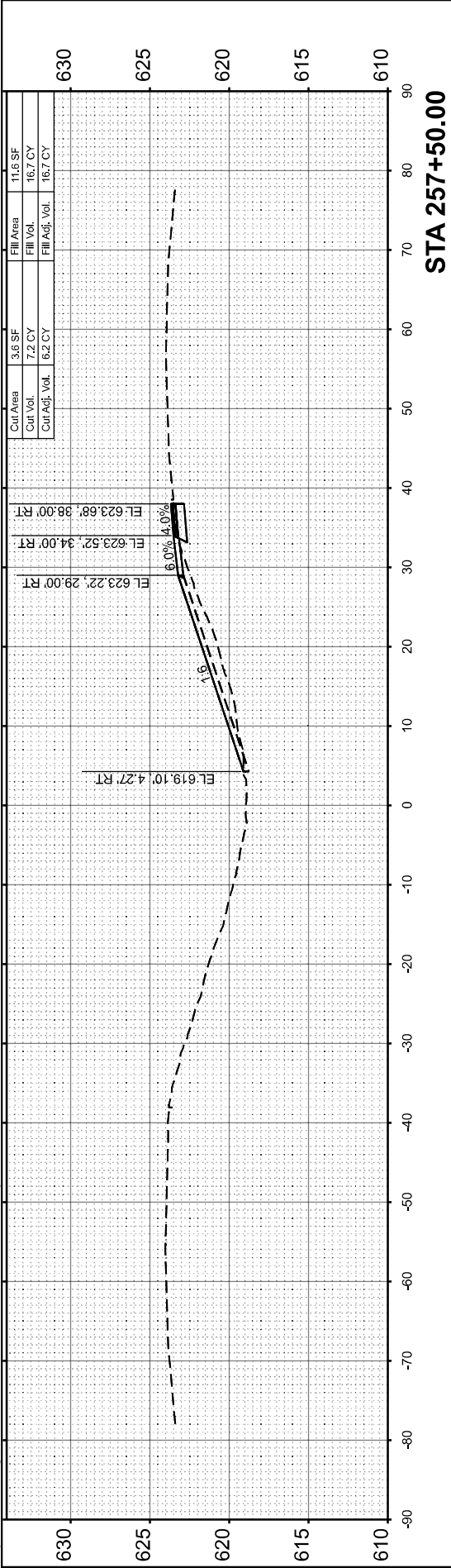
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-72 RESURFACING

SCALE: 1"=10' SHEET 3 OF 14 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	86-10R3-5/69-6RS-3	SCOTT/MORGAN	83	72
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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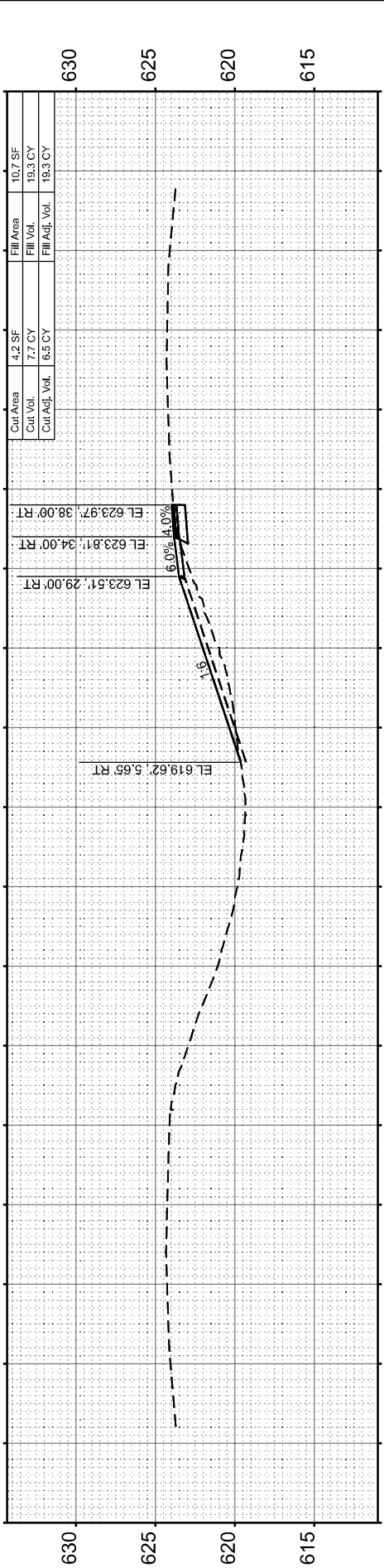
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

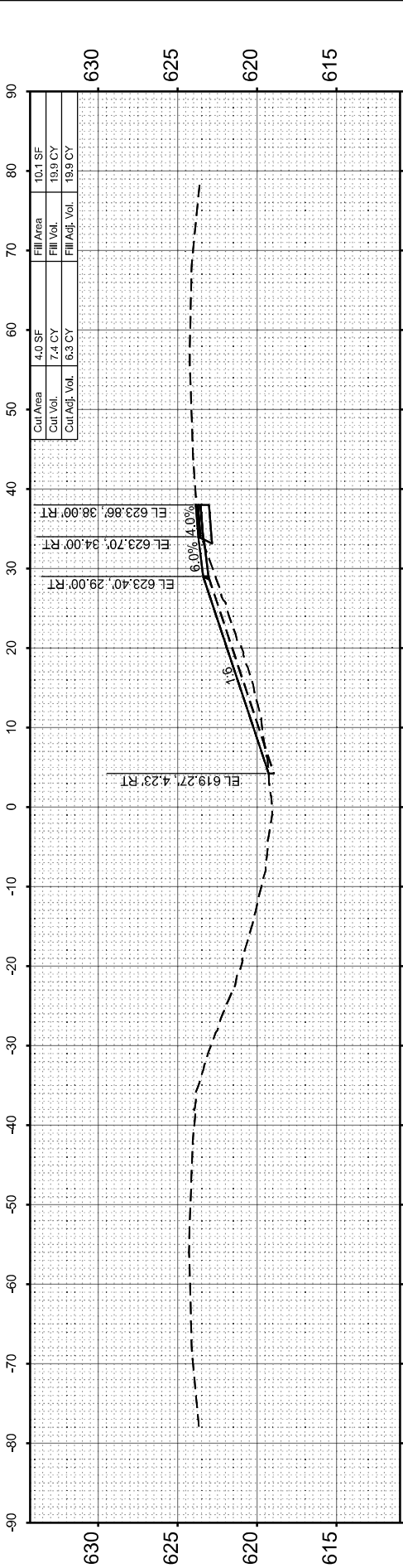
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I-72 RESURFACING

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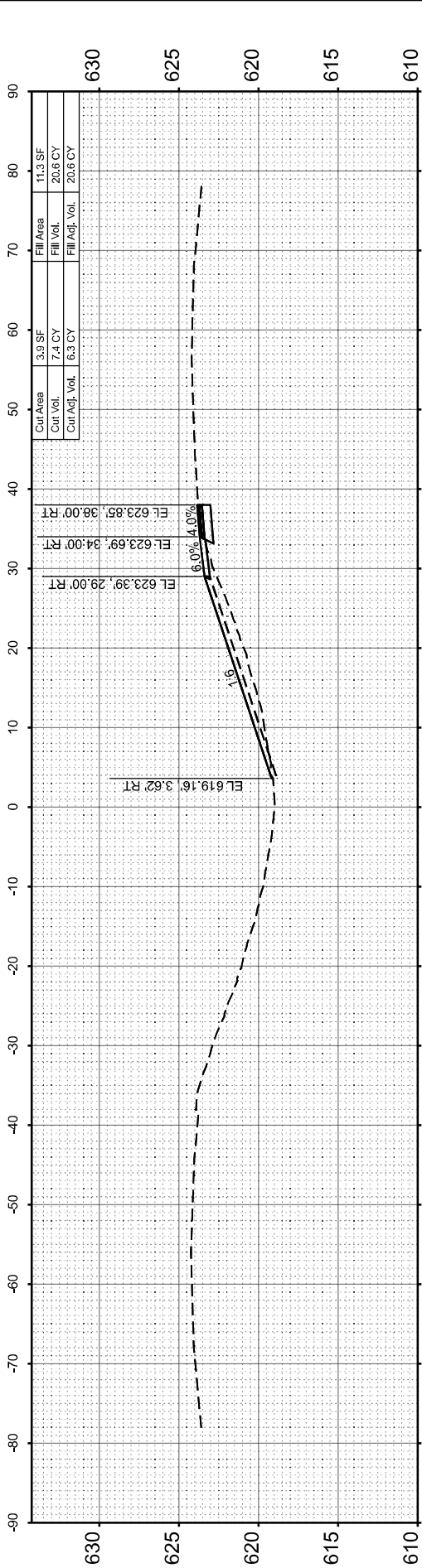
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CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				



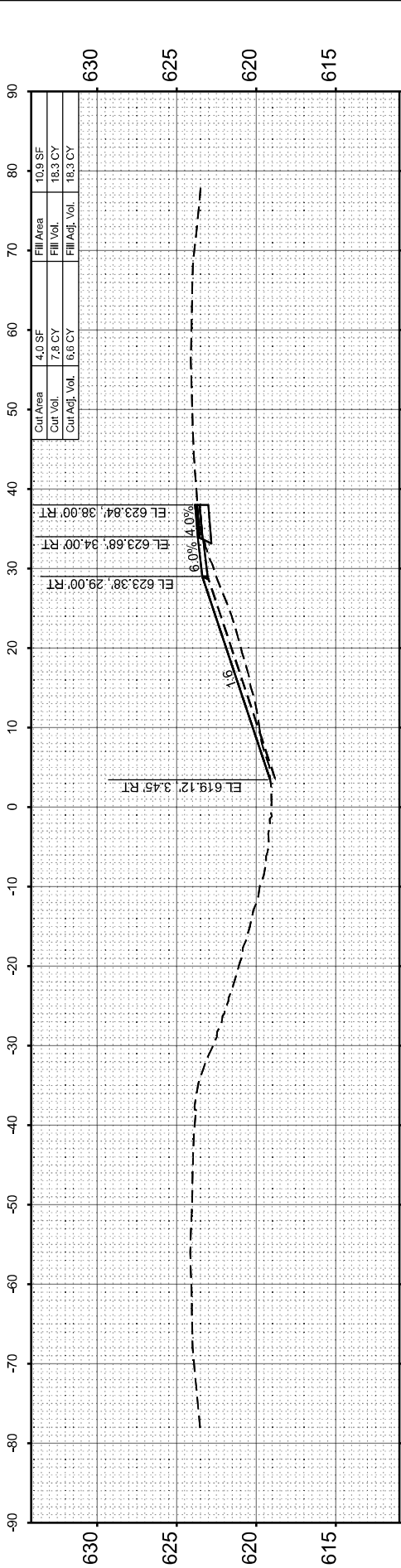
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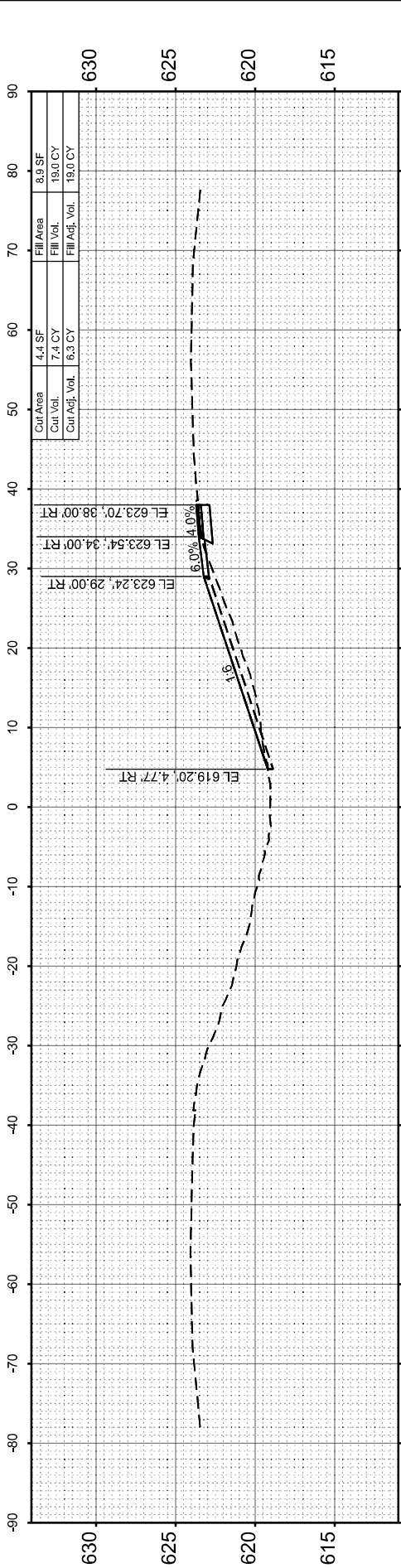
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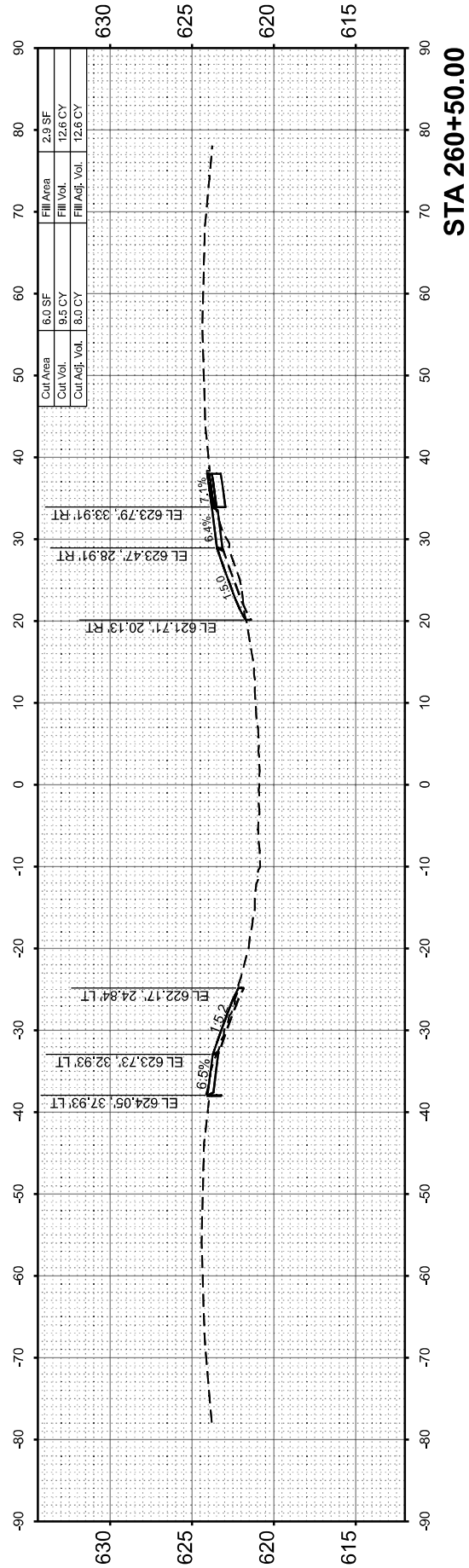
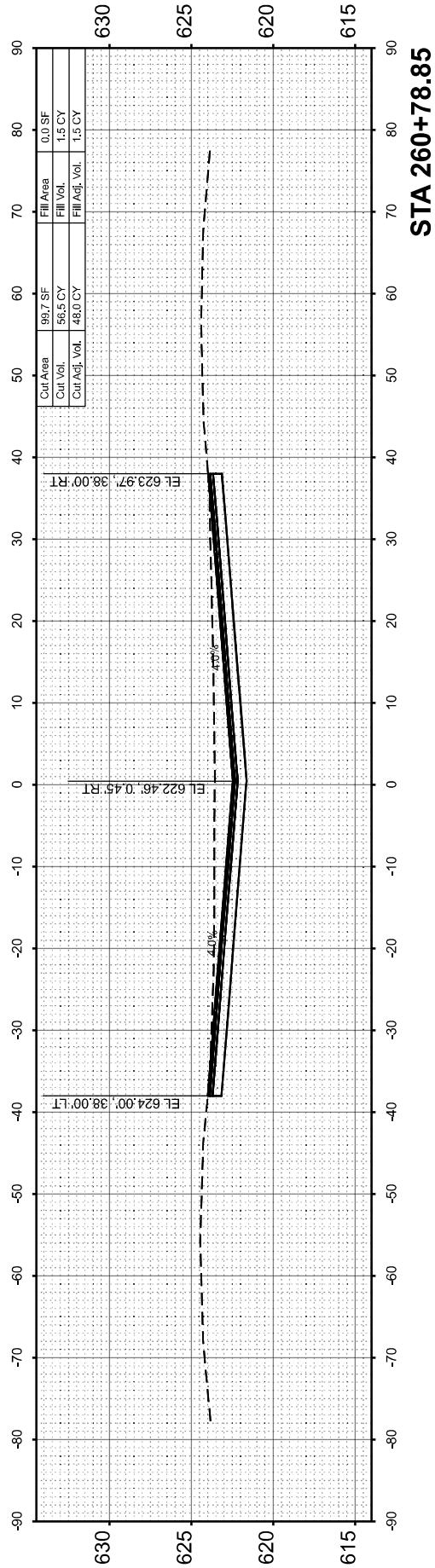
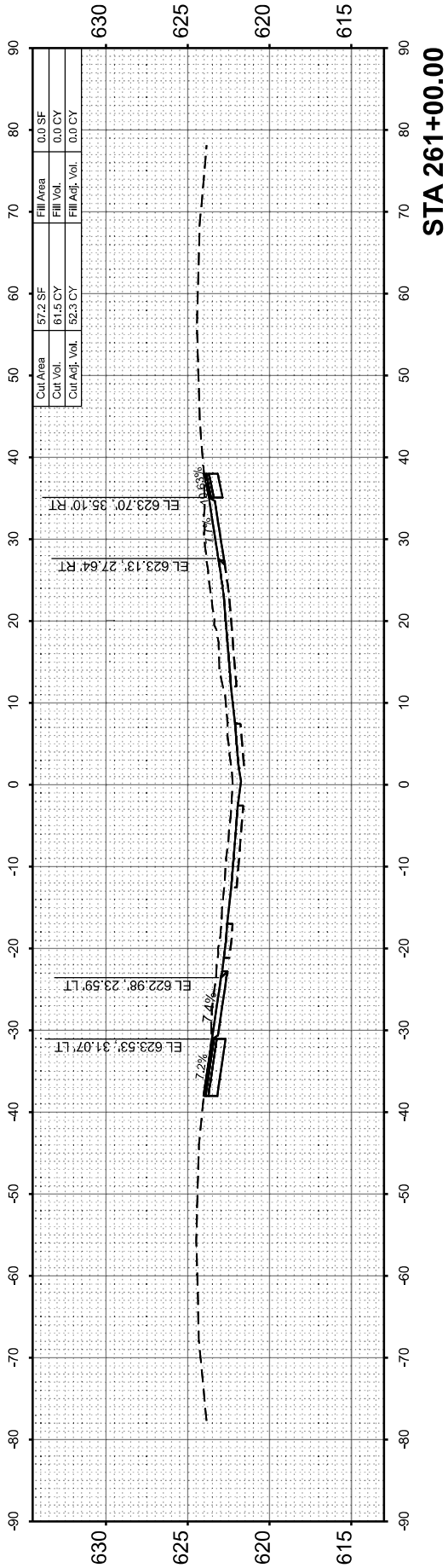
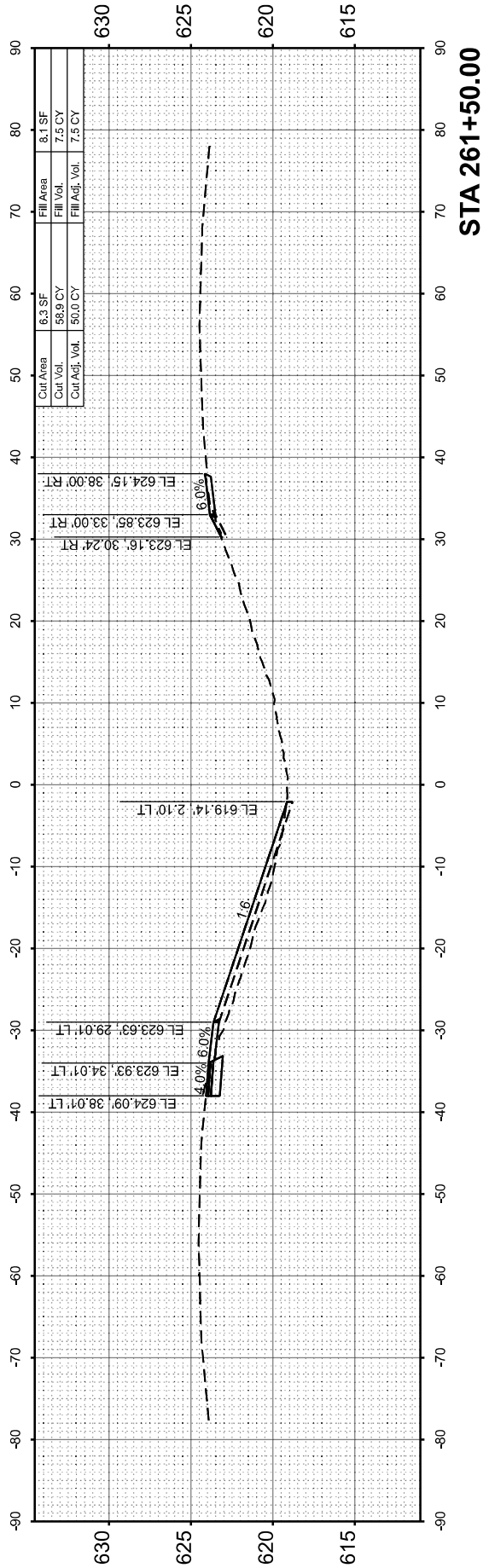
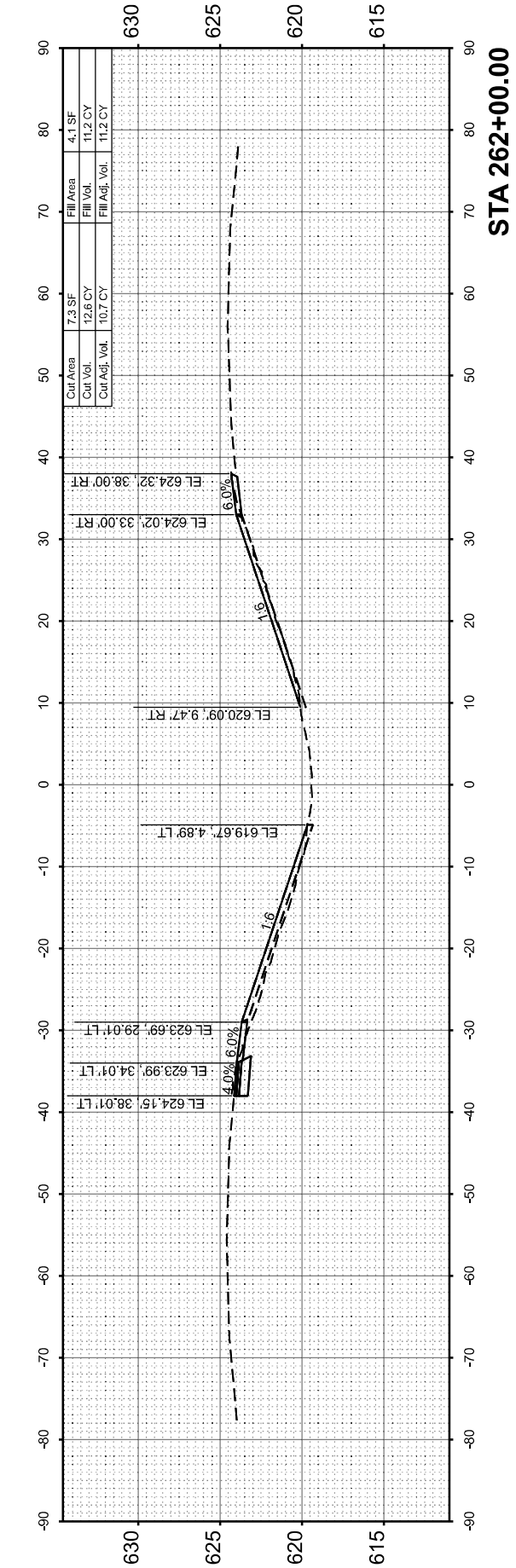


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-72 RESURFACING

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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	86-10RS-5/69-6RS-3	SCOTT/MORGAN	83	74
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

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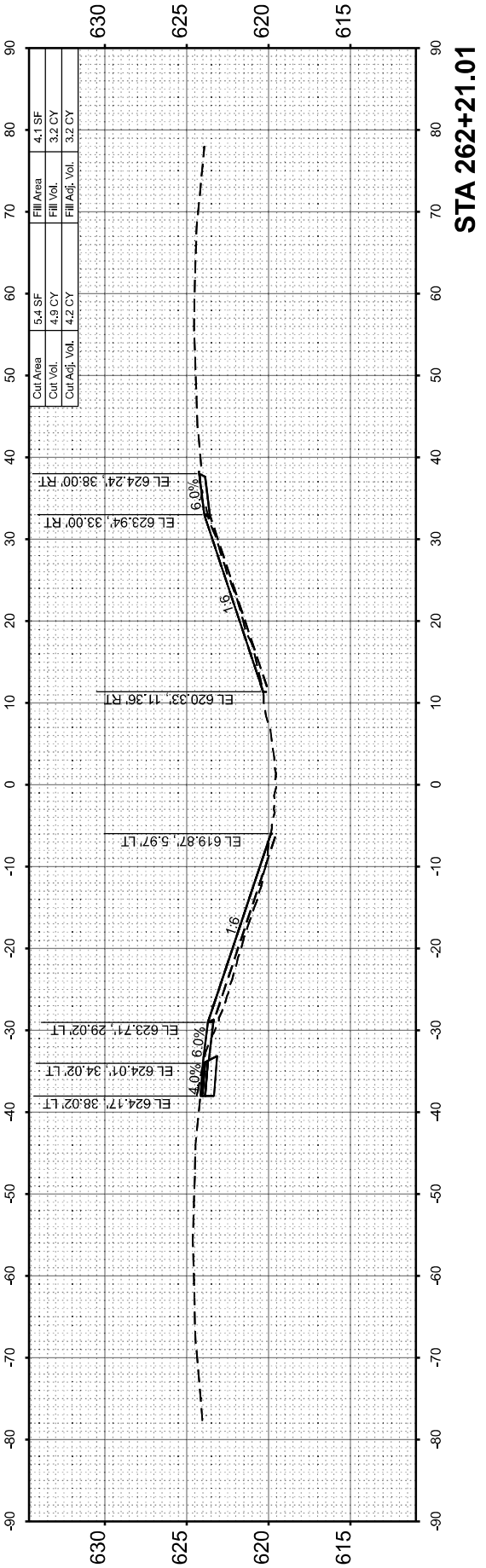
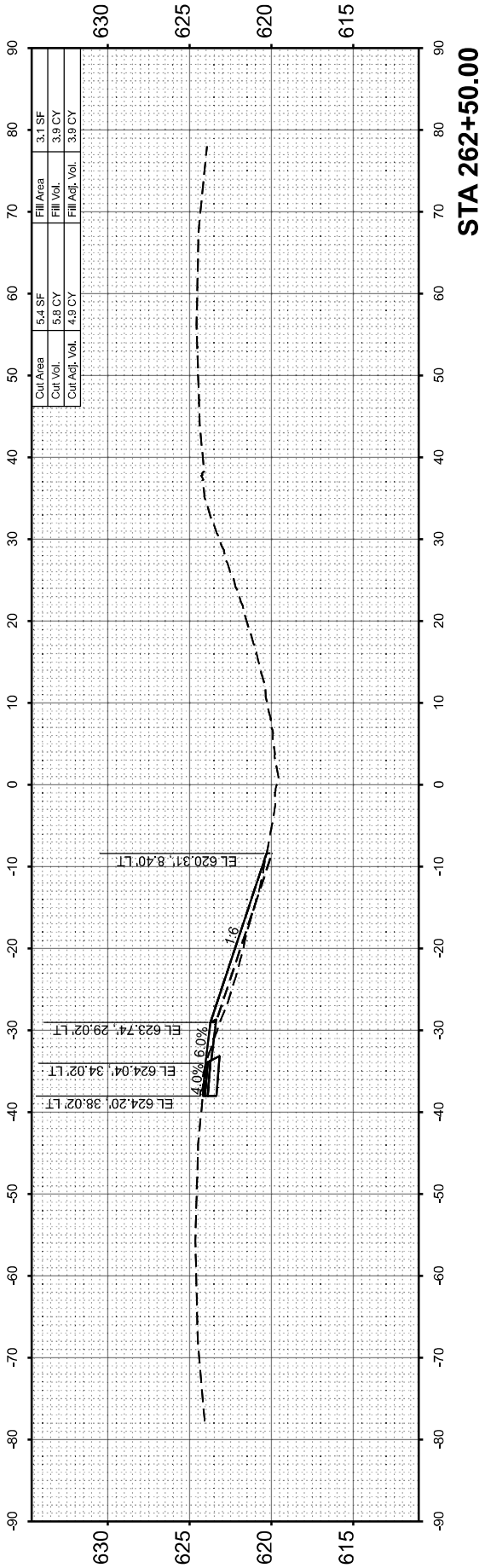
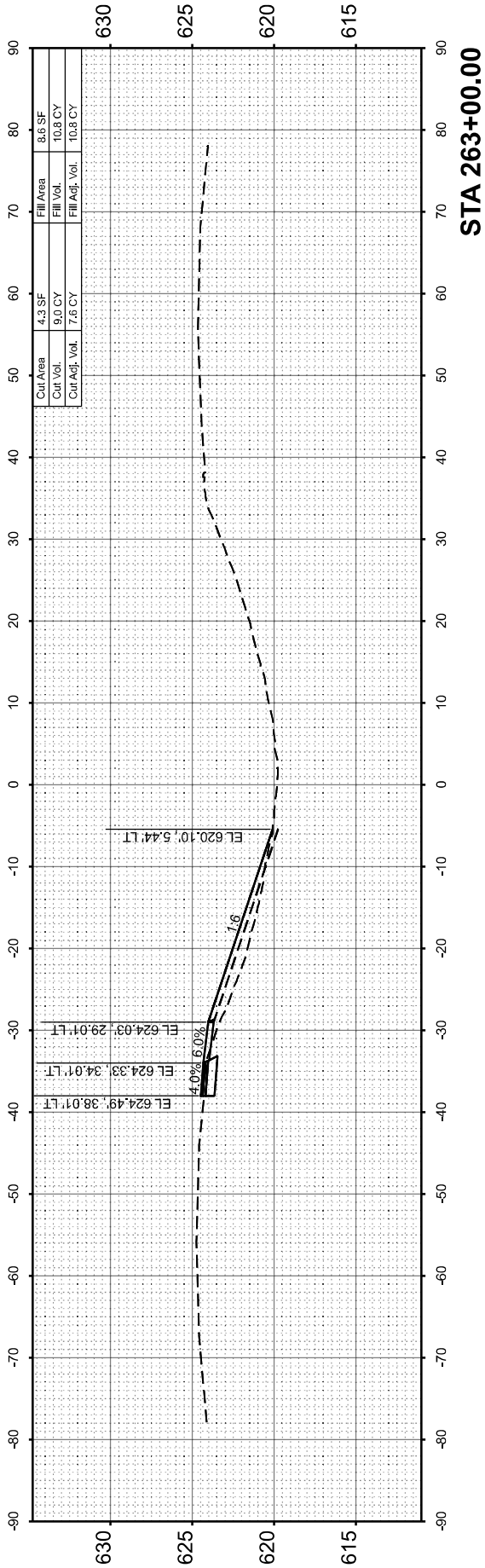
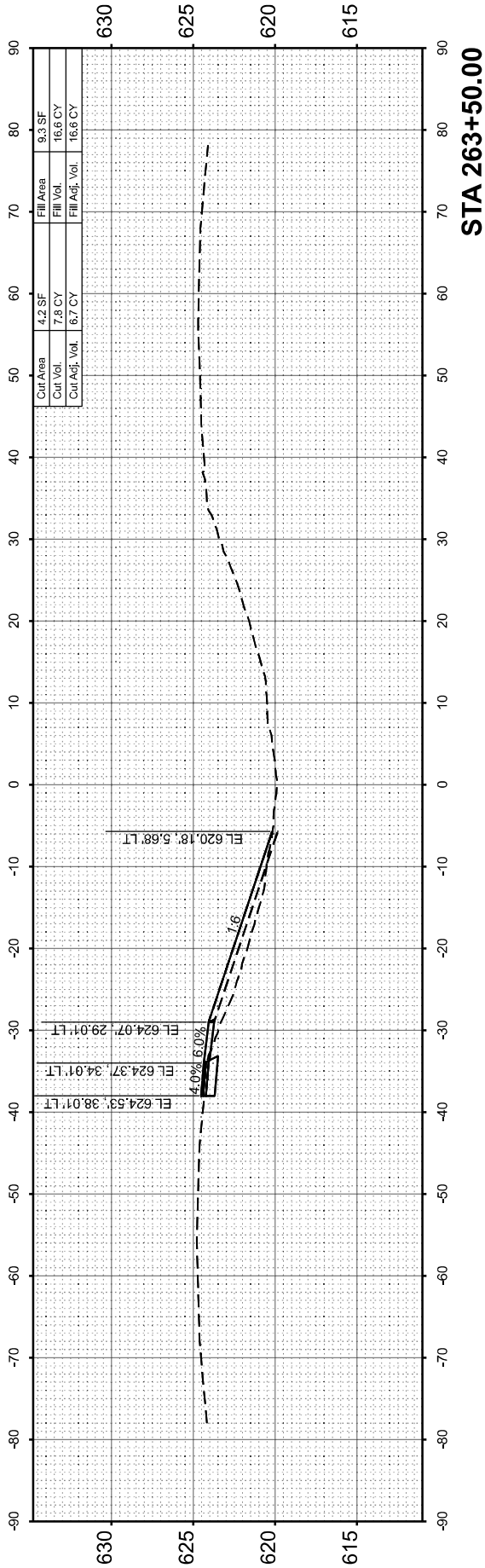
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-72 RESURFACING

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STA. TO STA.

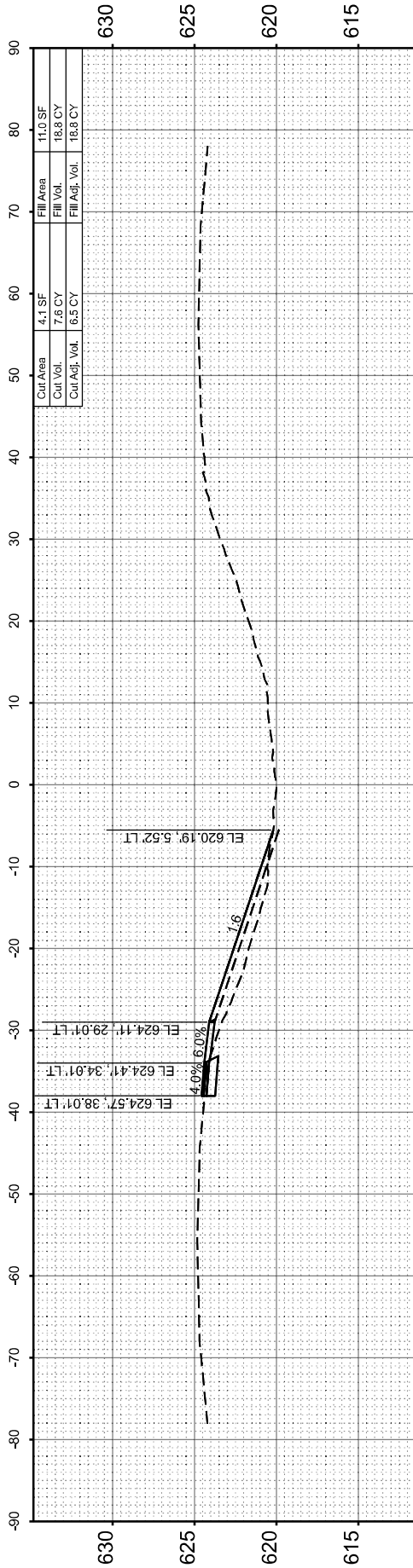
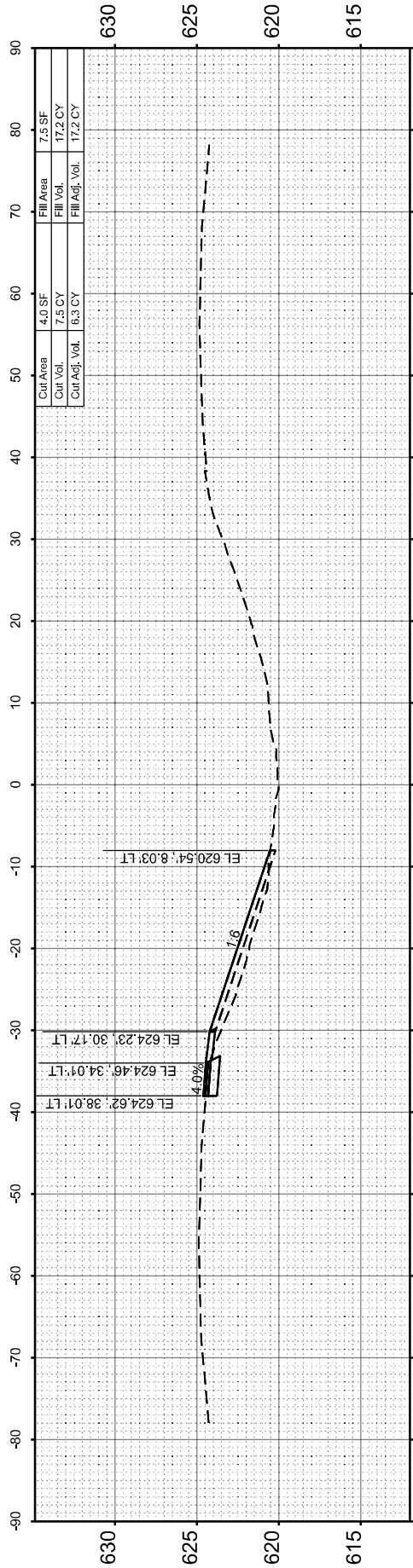
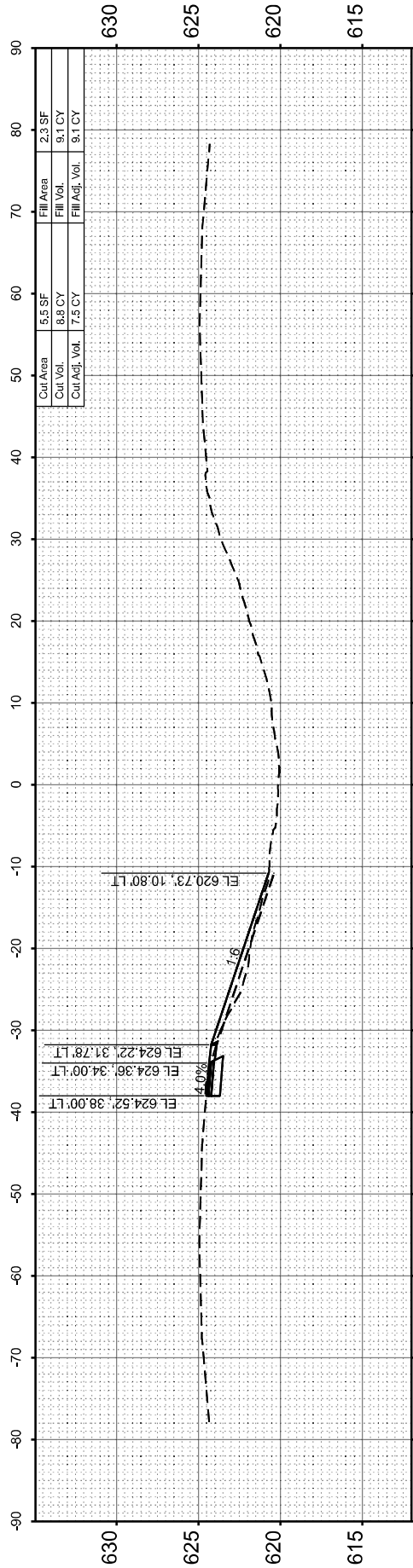
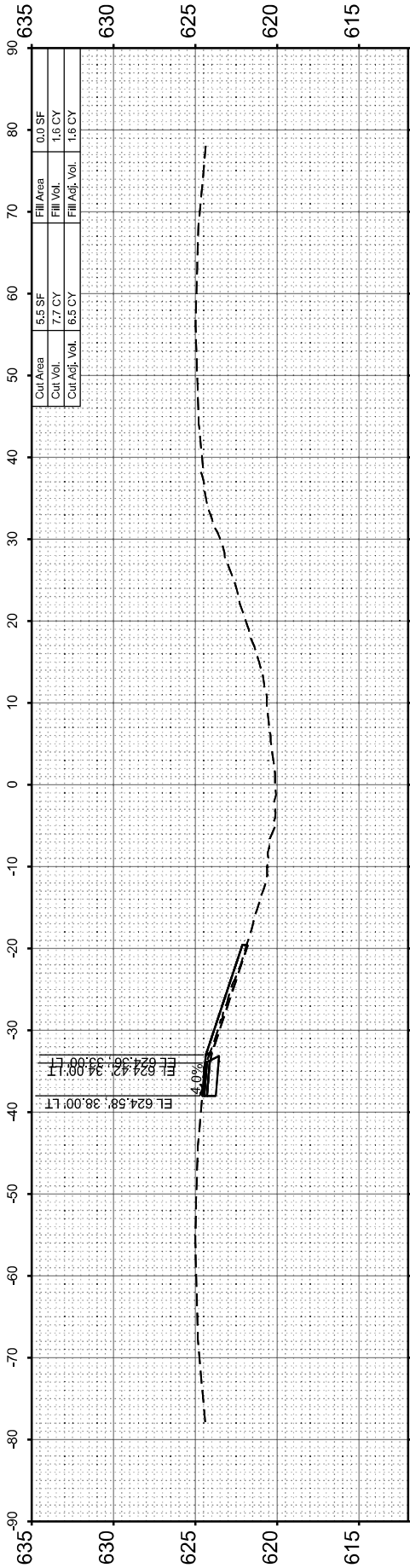
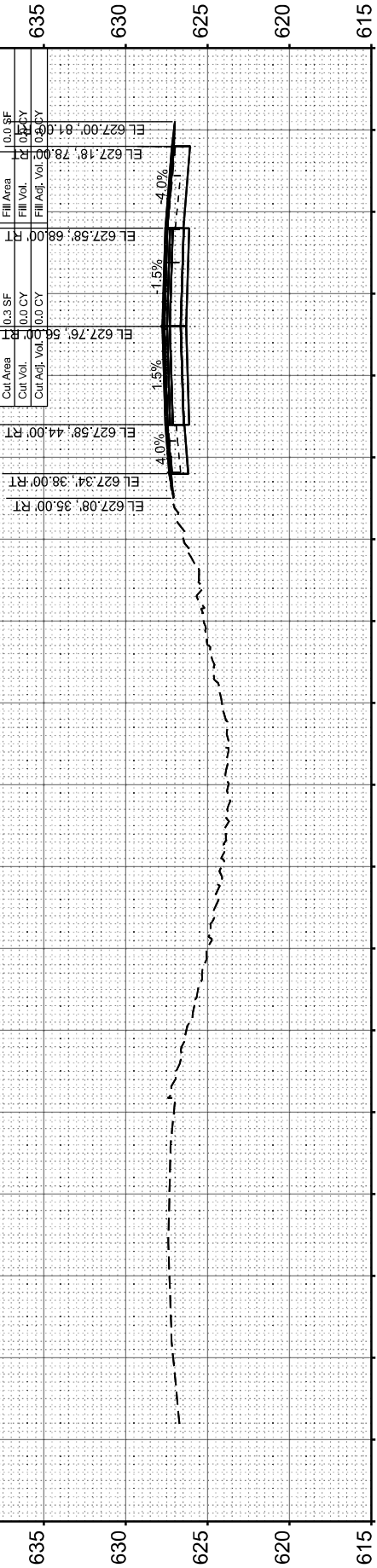
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CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-72 RESURFACING

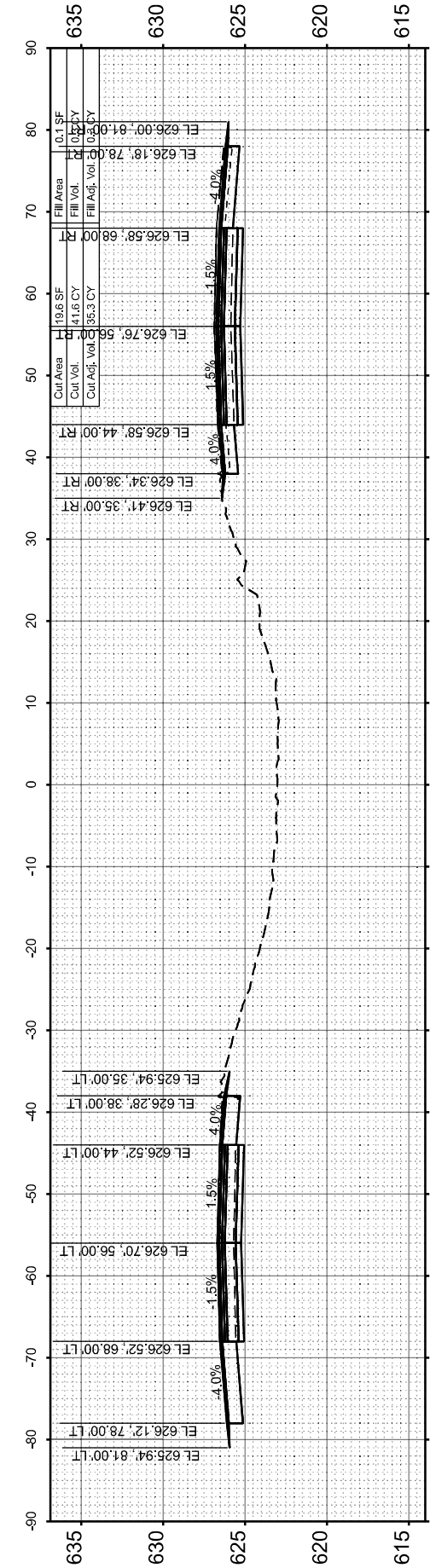
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CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

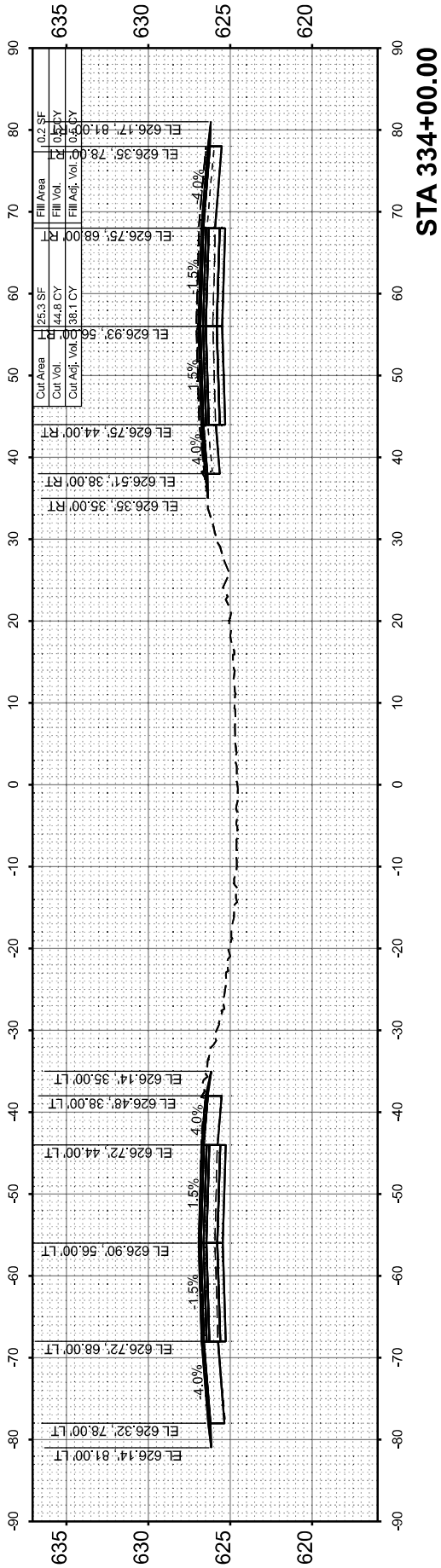
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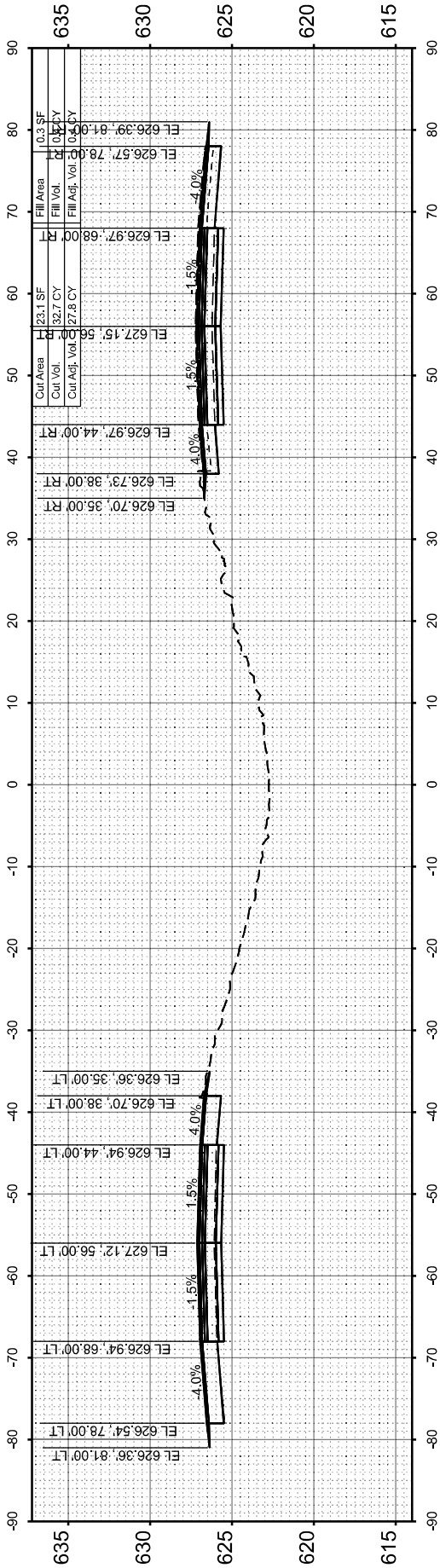
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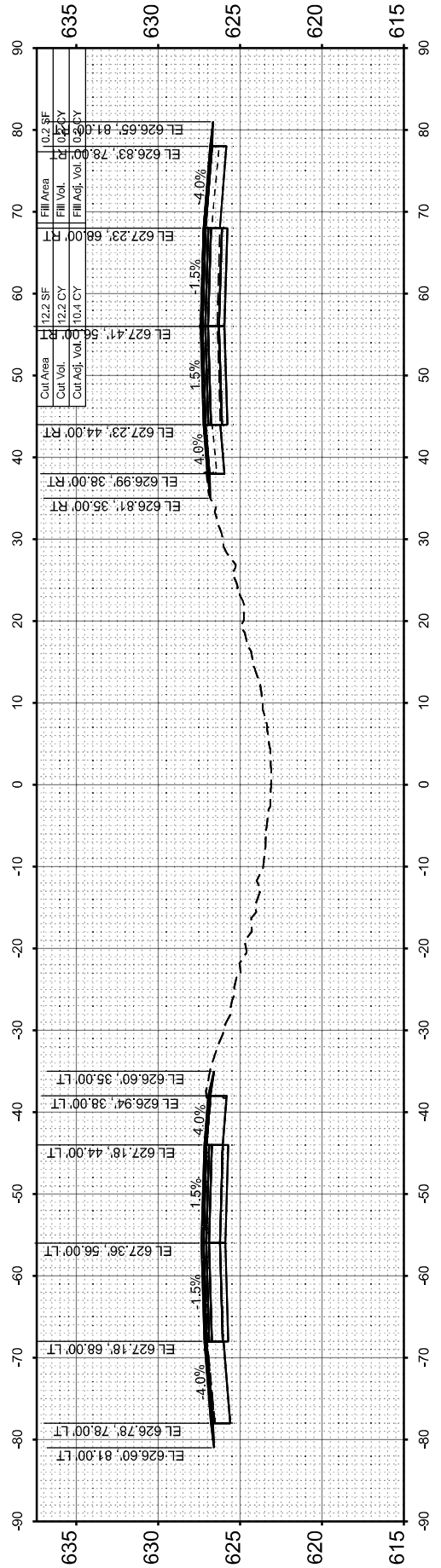
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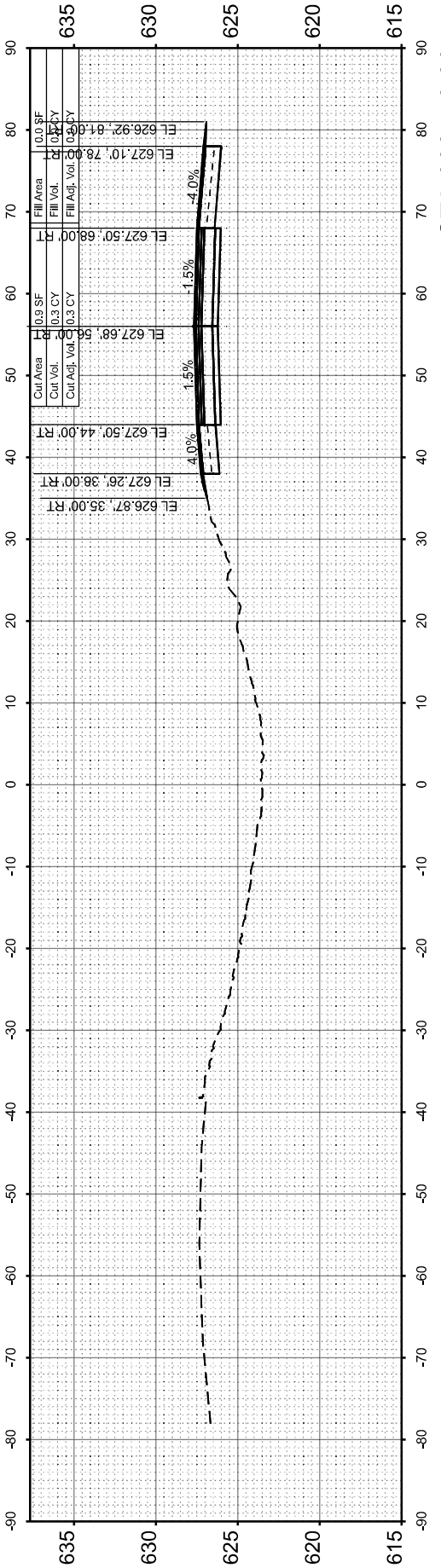
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STA 332+50.00



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

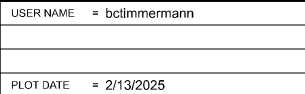
CROSS SECTIONS
I-72 RESURFACING

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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	86-10RS-5/69-6RS-3	SCOTT/MORGAN	83	77
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

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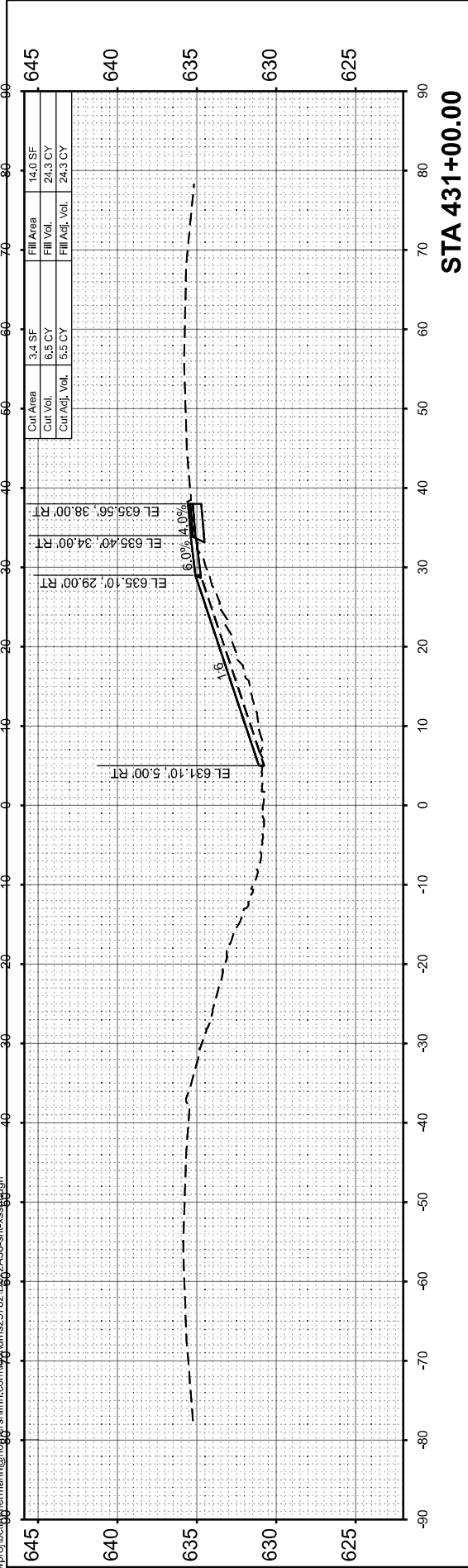
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS		FED. AID PROJECT		

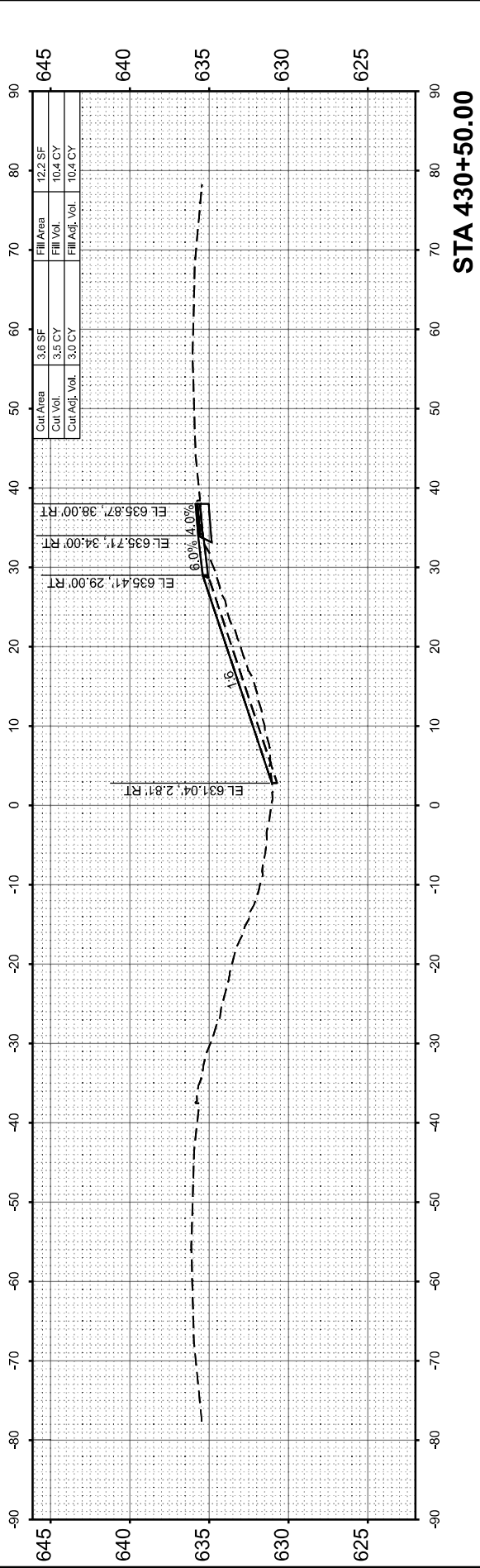
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ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

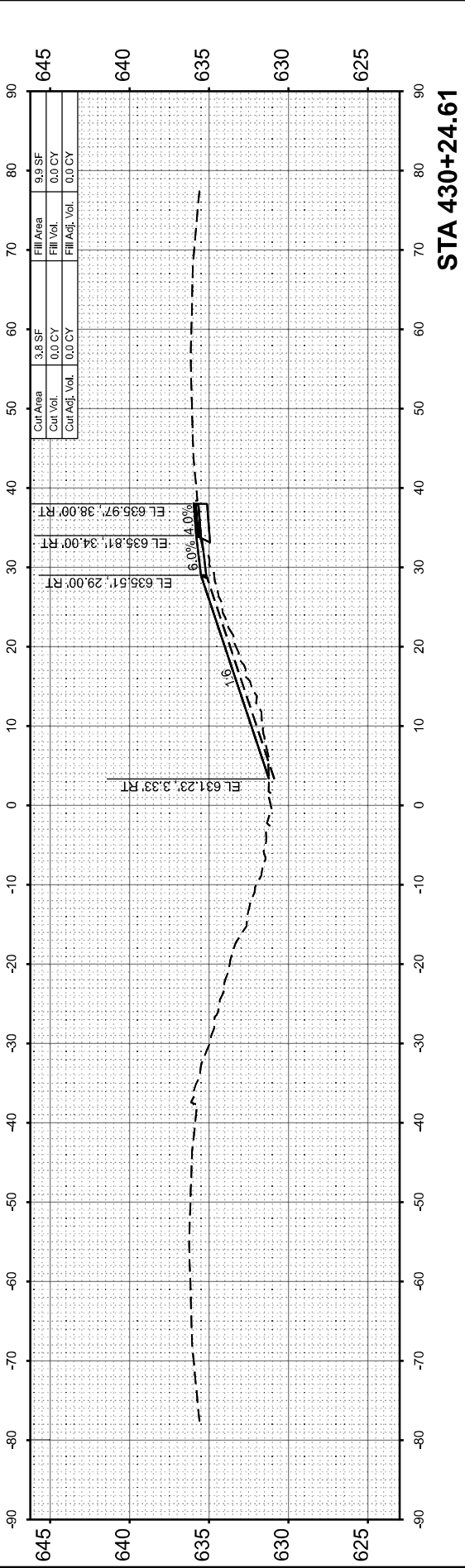
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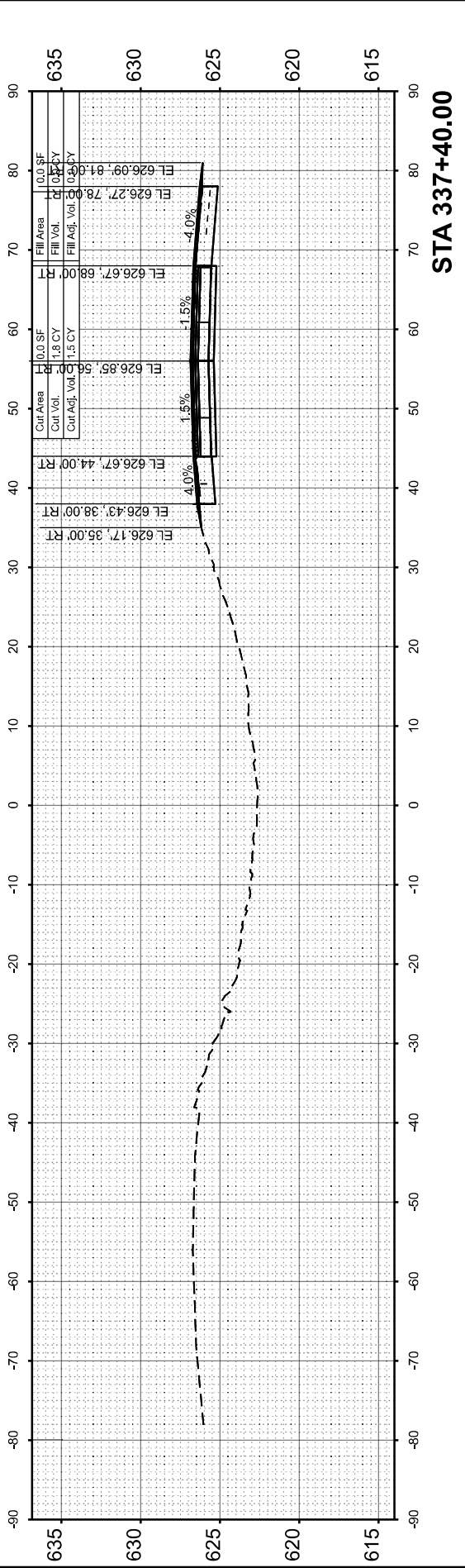
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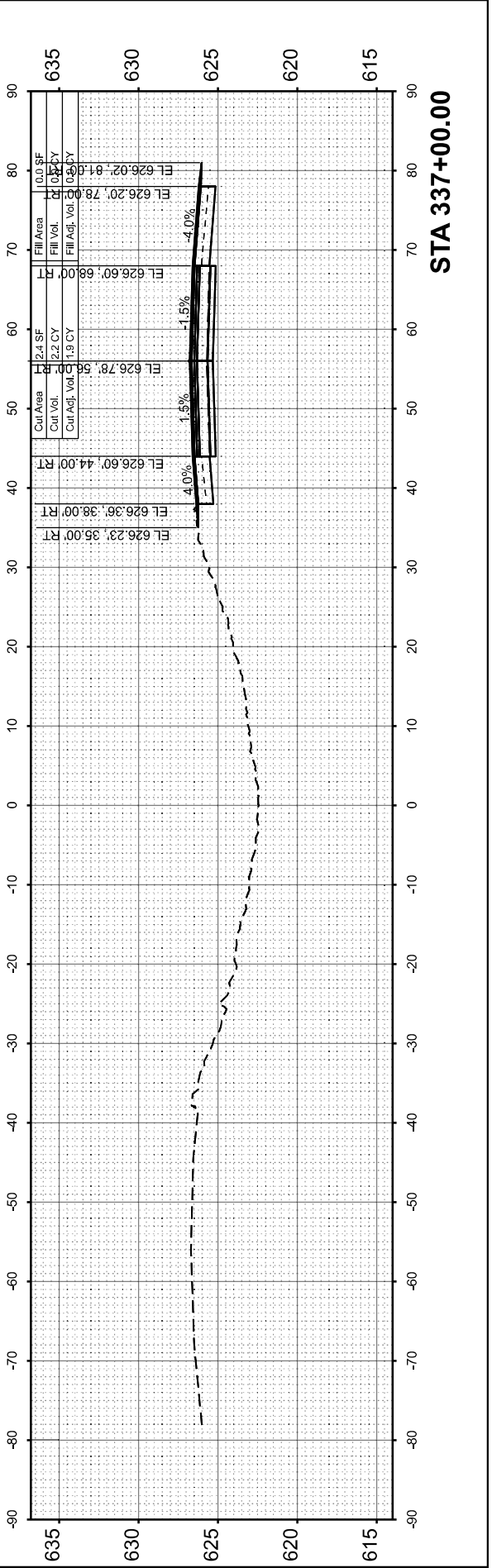
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STA 430+24.61



STA 337+40.00



STA 337+00.00



USER NAME = bclimmermann
PLOT DATE = 2/13/2025

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-72 RESURFACING

SCALE: 1"=10' SHEET 10 OF 14 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	86-10R3-5/69-6RS-3	SCOTT/MORGAN	83	79
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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PLOT DATE	= 2/13/2025

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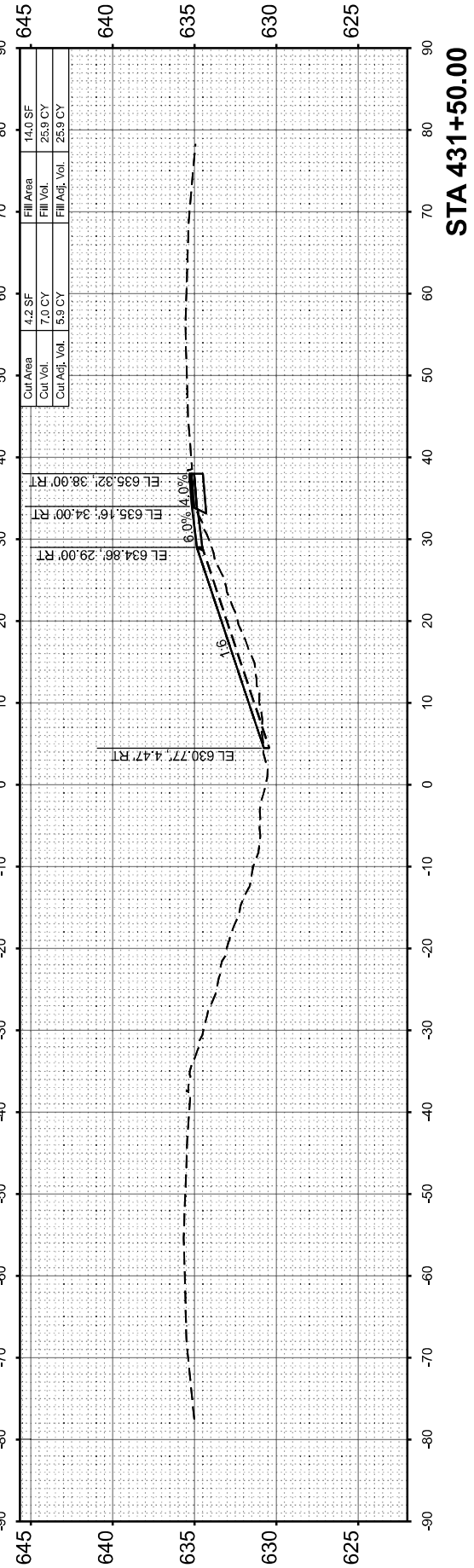
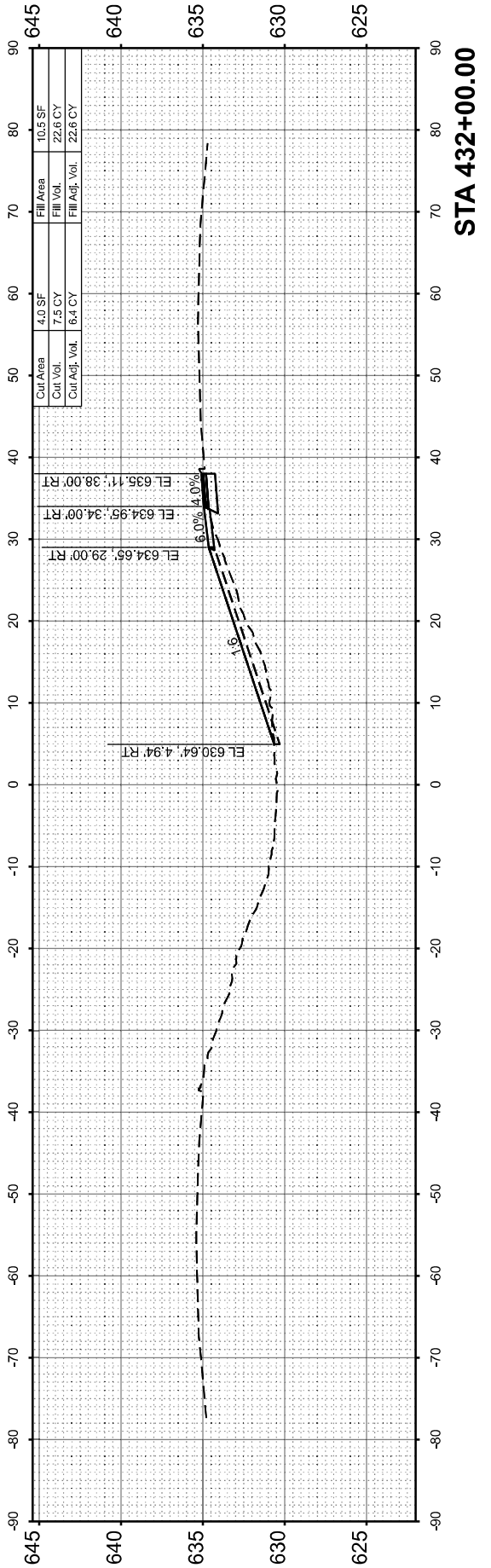
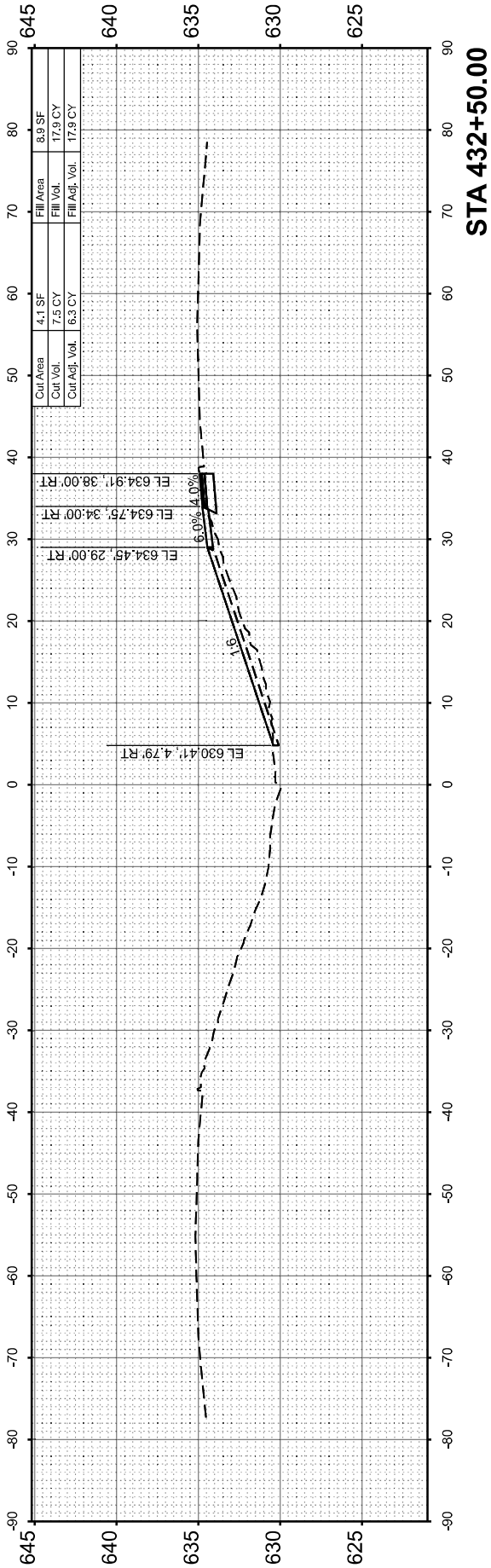
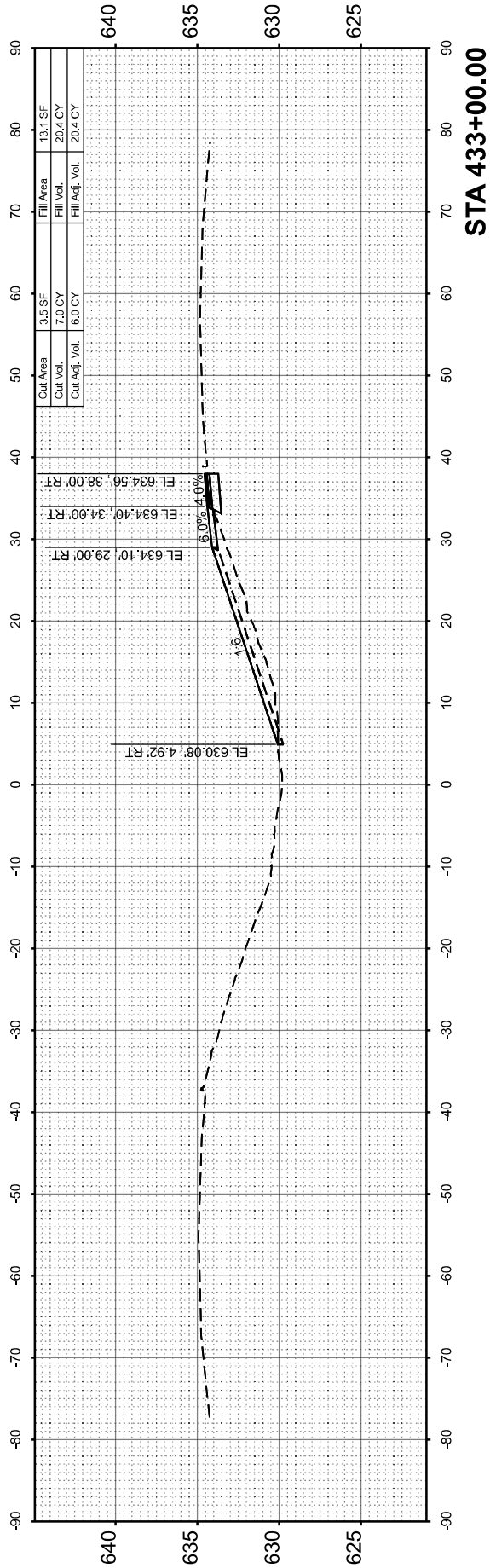
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-72 RESURFACING

SCALE: 1"=10' SHEET 11 OF 14 SHEETS STA. TO STA.

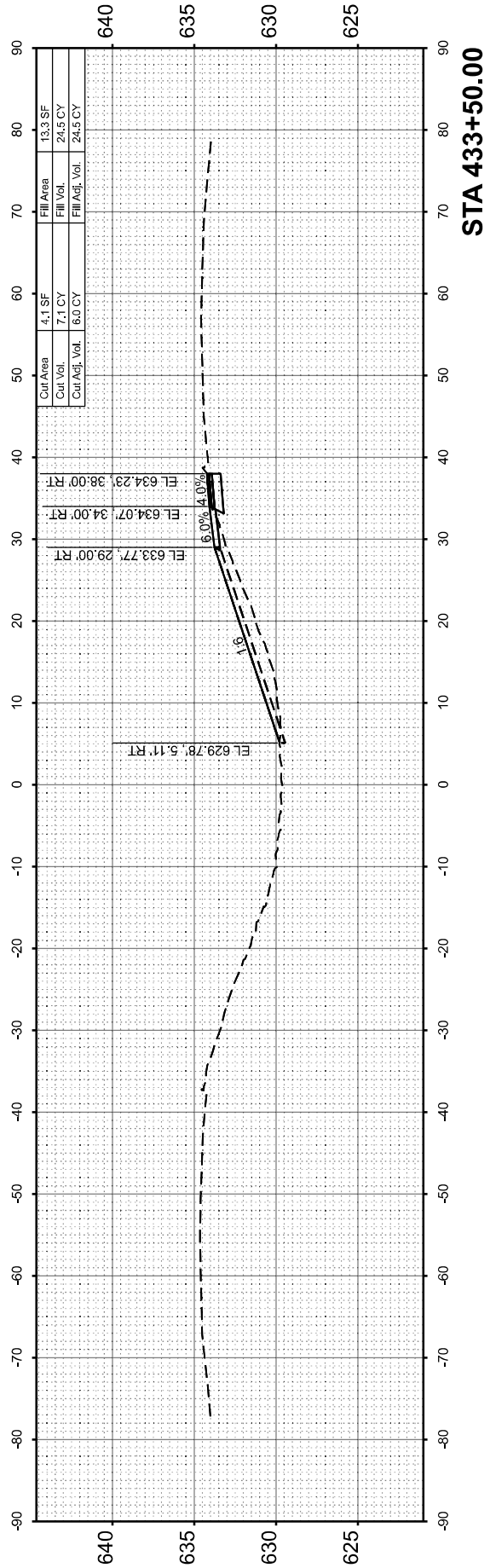
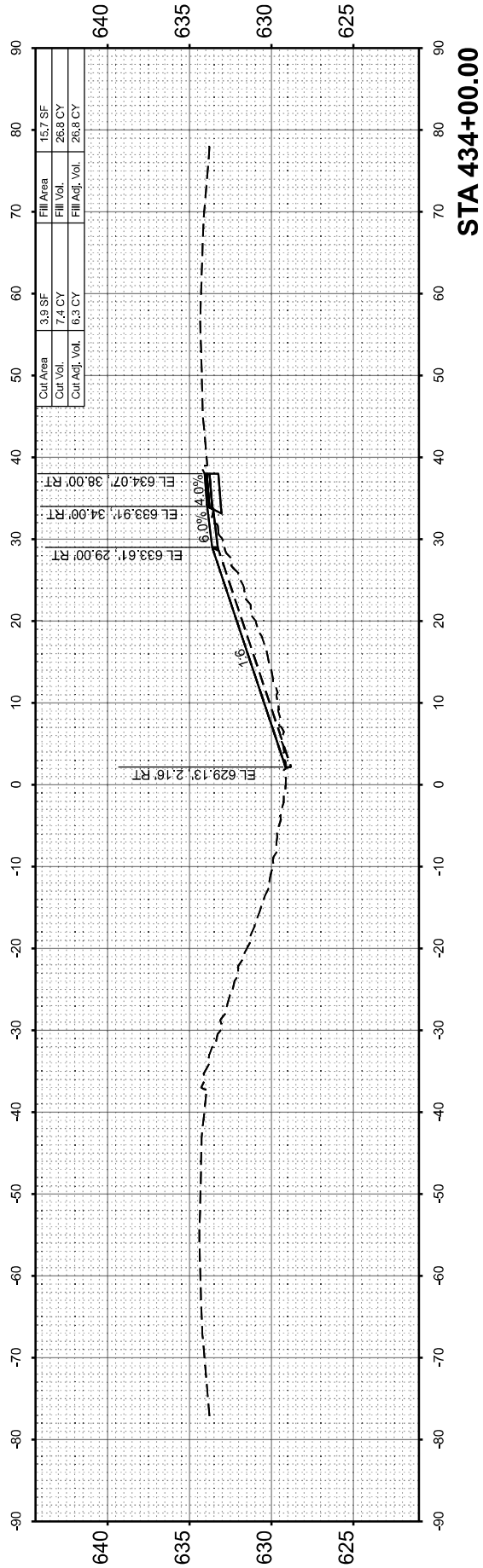
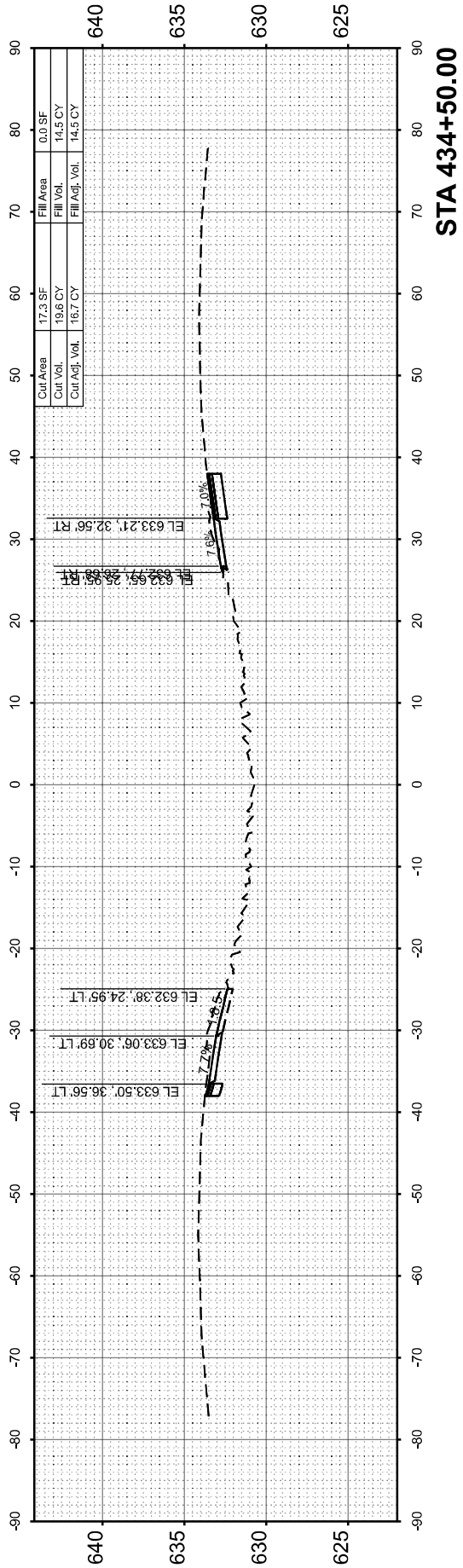
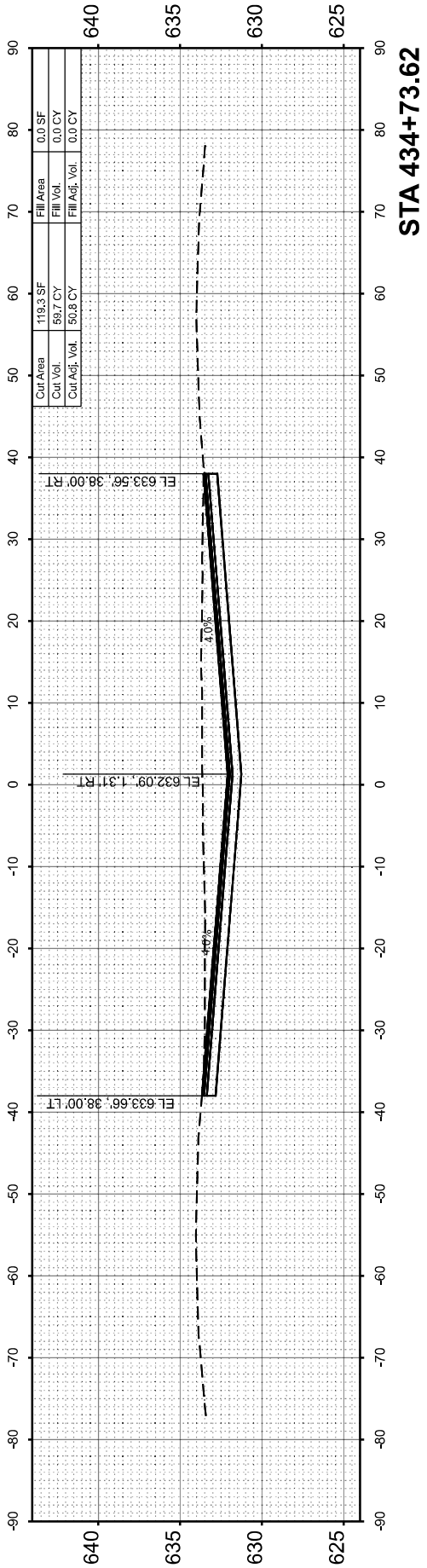
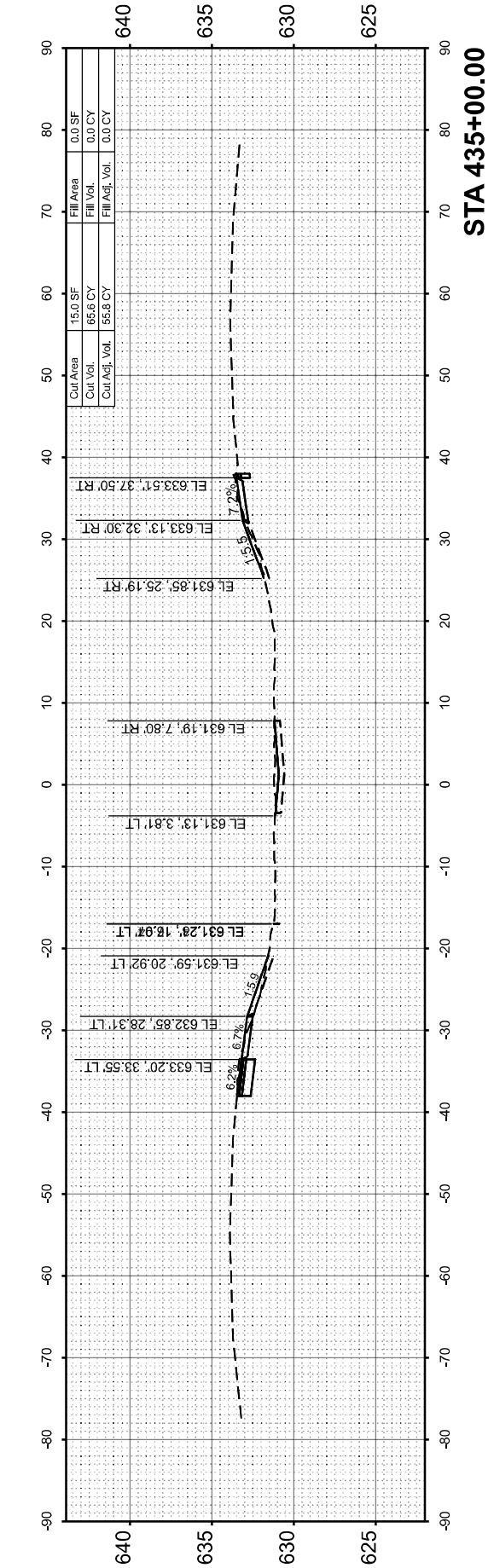
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	86-10RS-5/69-6RS-3	SCOTT/MORGAN	83	80
CONTRACT NO. 72A58				
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY	SURVEYED PLOTTED TEMPLATE	BY	DATE
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED PLOTTED TEMPLATE	BY	DATE
NO.	AREAS CHECKED		

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USER NAME = bclimmermann
PLOT DATE = 2/13/2025

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-72 RESURFACING

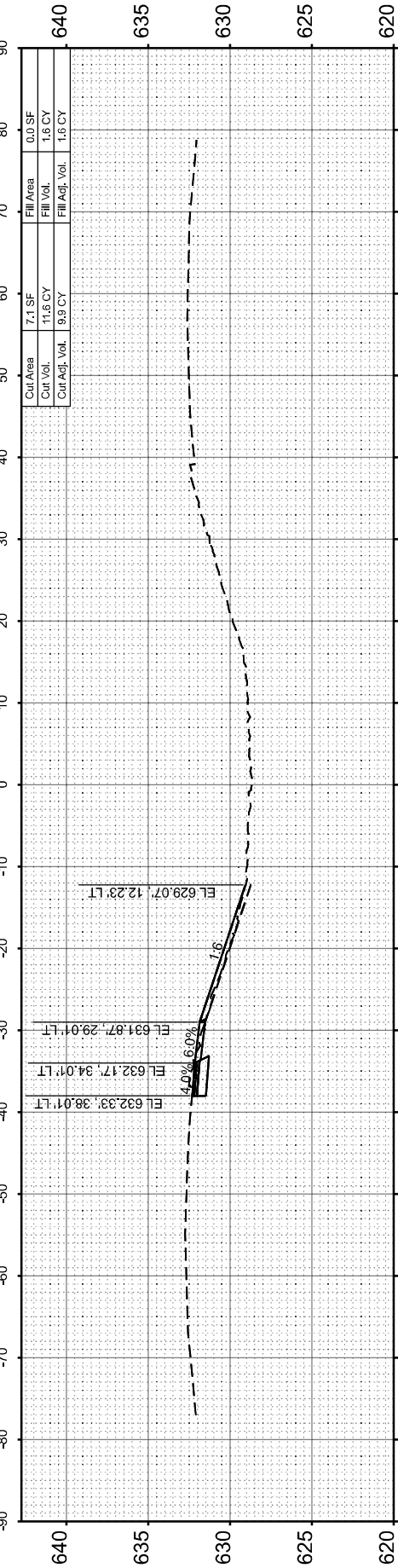
SCALE: 1"=10' SHEET 12 OF 14 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	86-10RS-5/69-6RS-3	SCOTT/MORGAN	83	81
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

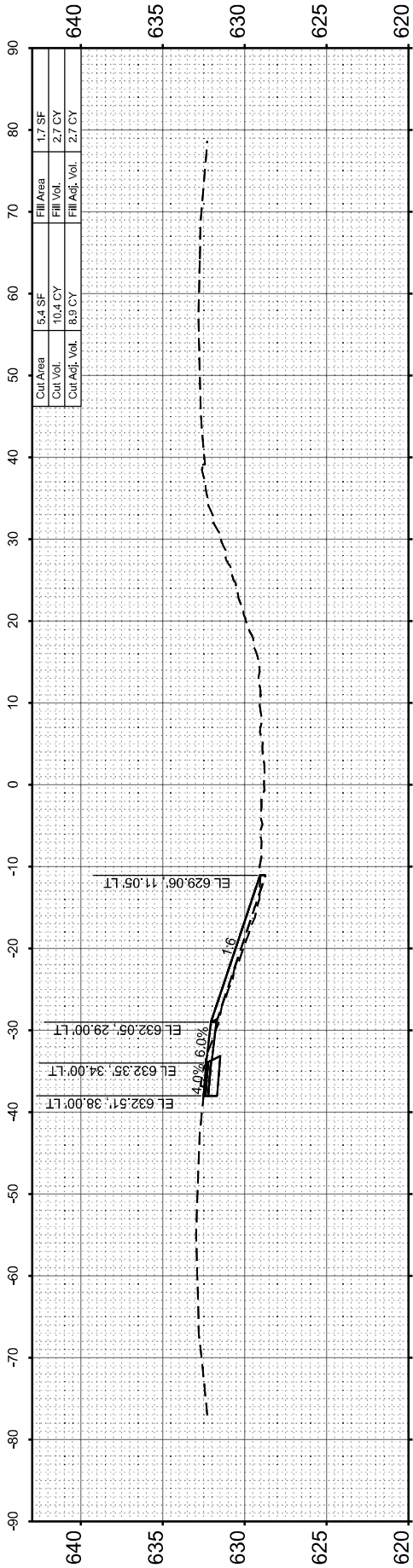
FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

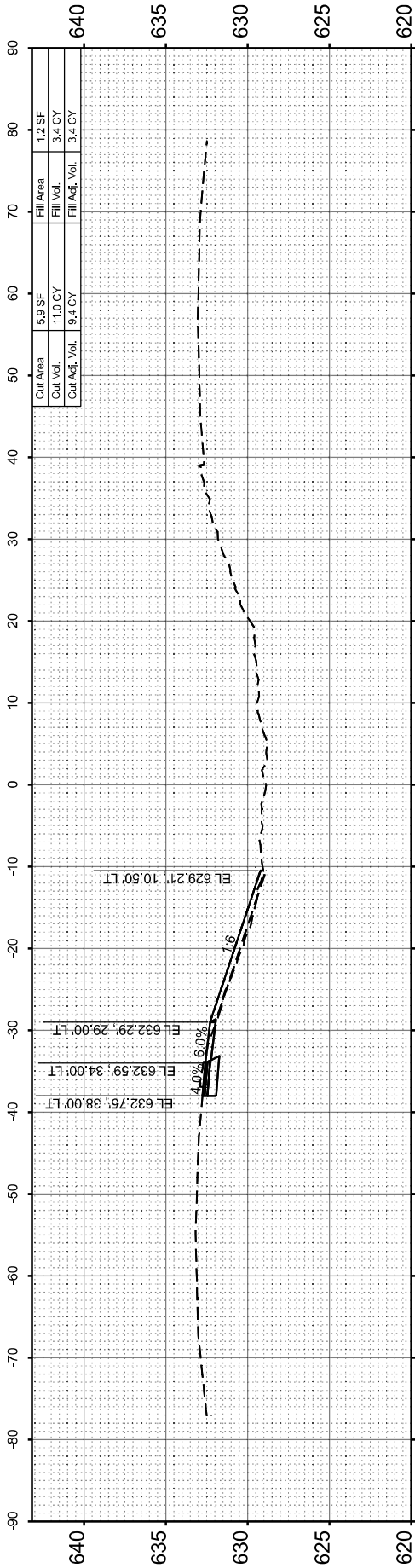
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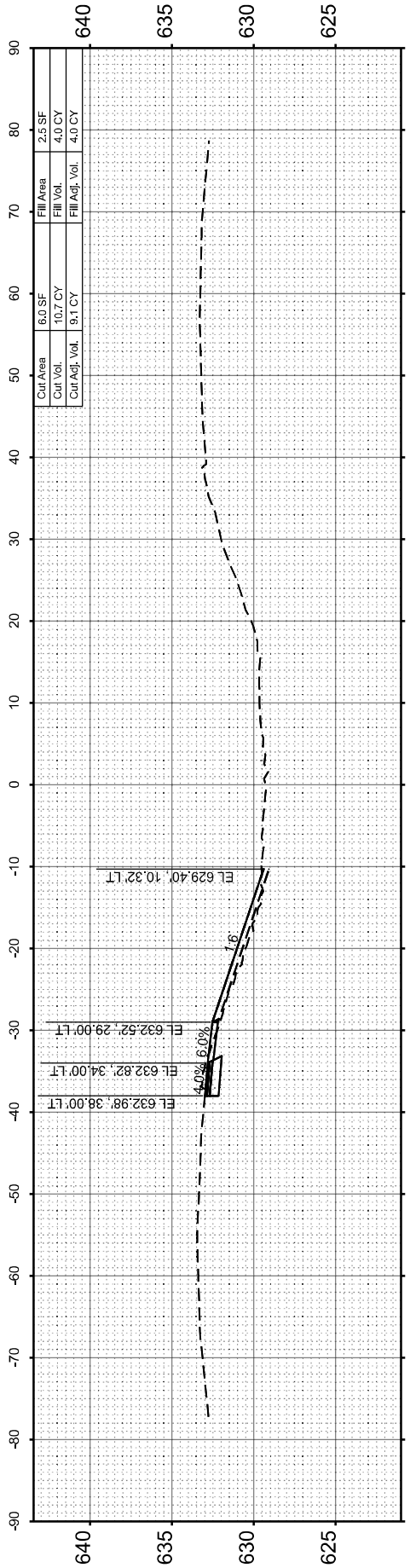
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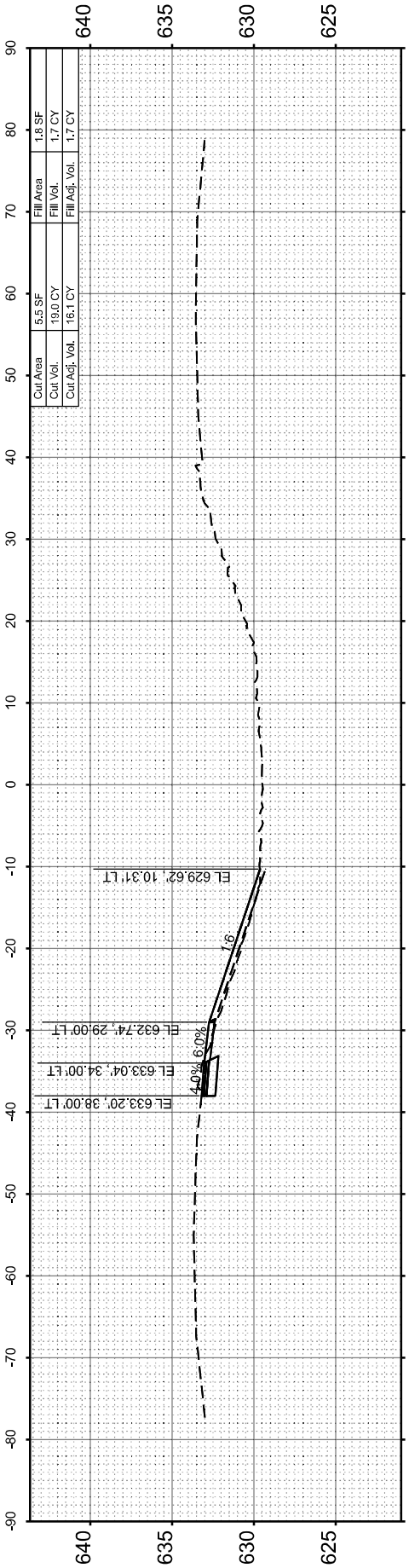
STA 437+00.00



STA 436+50.00



STA 436+00.00



STA 435+50.00



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DATE	-
PLOT DATE	= 2/13/2025

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REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-72 RESURFACING

SCALE: 1"=10'

SHEET 13

OF 14

SHEETS

STA.

TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	86-10RS-5/69-6RS-3	SCOTT/MORGAN	83	82
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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DATE	-
PLOT DATE	= 2/13/2025

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-72 RESURFACING

SCALE: 1"=10' SHEET 14 OF 14 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(86-10RS-5; 69-6RS-3)BRR-1,BP	SCOTT/MORGAN	83	83
CONTRACT NO. 72A58				
ILLINOIS FED. AID PROJECT				

