

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	1
		ILLINOIS	CONTRACT NO. 68J15	

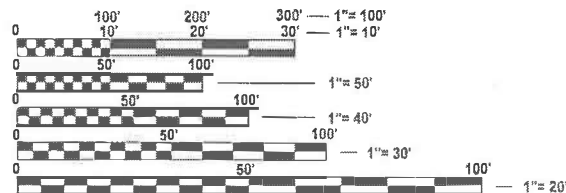
INDEX OF SHEETS

1. COVER SHEET
2. GENERAL NOTES, COMMITMENTS & PROJECT SPECIFIC NOTES
3. STATUS OF UTILITIES
- 4-12. SUMMARY OF QUANTITIES
- 13-20. TYPICAL SECTIONS
- 21-24. SCHEDULE OF QUANTITIES
25. ALIGNMENT
26. TIES AND BENCHMARKS
- 27-33. REMOVAL PLAN
- 34-40. PROPOSED PLAN
- 41-52. STAGING
- 53-55. DETOUR DETAILS
- 56-62. PAVEMENT MARKING PLAN
- 63-69. TEMPORARY TRAFFIC SIGNAL
- 70-85. STRUCTURE PLANS
- 86-93. DISTRICT 4 CADD STANDARDS
- 94-96. CROSS SECTIONS

HIGHWAY STANDARDS

000001-09	642001-03	701701-10	782001-01
001001-02	701101-05	701901-11	782006-01
280001-07	701106-02	704001-08	
420001-11	701411-09	720001-01	
601101-02	701422-10	720006-04	
606001-09	701423-10	725001-01	
630001-13	701426-09	728001-01	
630301-09	701451-05	780001-05	
631031-18	701456-05	781001-04	

ADT = 7900 (2025)
%SU = 0.9% (2025)
%MU = 0.6% (2025)
TOWNSHIP: WASHINGTON
FUNCTIONAL CLASS: MINOR ARTERIAL



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: REBECCA MARRUFFO
PROJECT MANAGER: GERARDO COVARRUBIAS BRAVO / KEVIN HORST
CATALOG NO. 036508-00D
CONTRACT NO. 68J15

PROPOSED
HIGHWAY PLANS

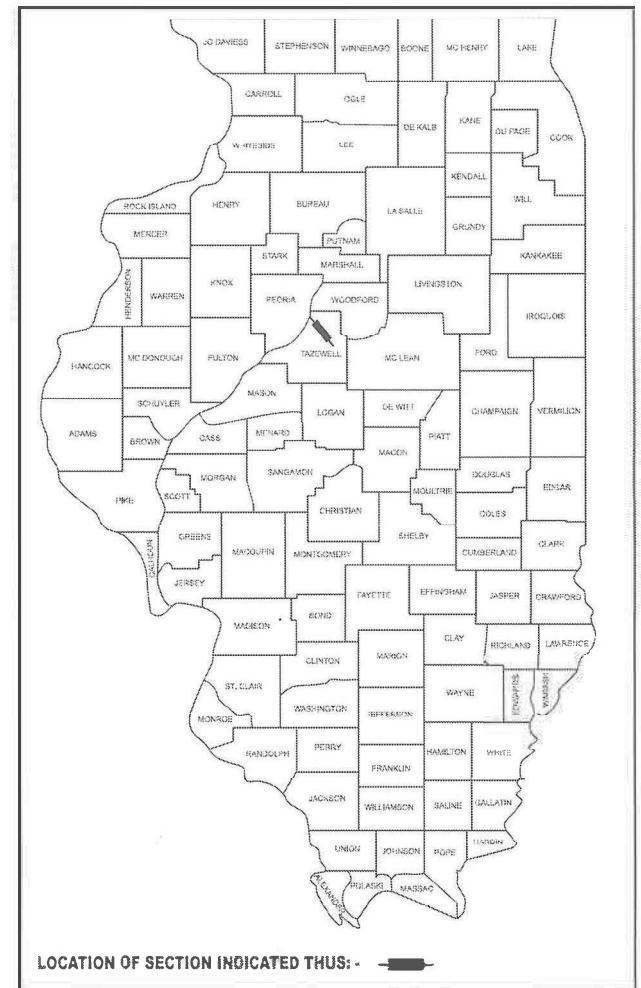
FAP ROUTE 317 (BUS 24) / FAU ROUTE 6717 (IL 8)
SECTION (18HB)BRR;35RS-12;17RS-8
PROJECT STP-NHPP-FE1D(369)
TYPE OF IMPROVEMENT: BRIDGE PRESERVATION, PPP
TAZEWELL COUNTY

PROJECT BEGINS:
RAMP A STA. 16+60
RAMP B STA. 23+30
RAMP C STA. 7+20
RAMP D STA. 0+80



GROSS LENGTH = 7549.02 FT. = 1.430 MILE
NET LENGTH = 7549.04 FT. = 1.430 MILE

PROJECT ENDS STA. 493+45



Bridge deck overlay, joint replacement/repairs & bridge approach roadway improvements @ SN 090-0124 carrying WB BUS 24 over US 24 near Washington and resurface BUS 24 / IL 8 (McClugage Rd.) from US 24 to BUS 24/ IL 8 (Washington Rd.)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Mar 25 2026
Kenel A Barnett RSD
REGIONAL ENGINEER

May 8 2026
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 8 2026
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made.
No commitments have been made this contract.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

The required environmental resource documentation shall include the following:

- * BDE Form 2289 (Borrow Site Review)
- * BDE Form 2290 (Waste/Use Area Review)
- * A location map showing the size limits and location of the use area
- * Color photographs depicting the use area
- * Borrow Area Entry Agreement form - D4 PI0101

Prior to any waste materials being removed from the construction site the required environmental resource surveys shall be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

Please note that a minimum of four weeks shall be allowed for the District to obtain the required waste site environmental clearances and six weeks for the required borrow site environmental clearances.

BRIDGE OVERLAY NOTIFICATION

After placement of the bridge deck overlay, the Resident Engineer shall notify the District Bridge Maintenance Engineer of the "as constructed" milling depth and overlay thickness for updating the Illinois Highway Information System.

POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

Surface Type	Residual Rate
Milled (HMA or PCC)	0.08 lb / sq ft
Existing Pavement	0.08 lb / sq ft
Fog Coat (between lifts)	0.08 lb / sq ft

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Location(s):	Mainline & Left Shldrs	Mainline & Left Shldrs	Right Shoulders	Right Shoulders	Mainline (Spring Ck. Freedom, Centennial)	Patching	Temporary Pavement
Mixture Use(s):	Polymer Surface 1.5"	Polymer Level Binder 1.0"	HMA Shoulders (Surface Lift 1.25")	HMA Shoulders (Lower Lift 1.5")	Polymer Surface 2.0"	Partial Depth Patching (2 Lifts @ 3")	TEMPORARY PAVEMENT (2 Lifts @ 4.5")
AC/PG:	SBS or SBR 70-28	PG 58-28	SBS or SBR 70-28	PG 58-28	SBS or SBR 70-28	PG 58-28	PG 58-28
Design Air Voids:	4.0% @ N=70	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=70	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 9.5	IL 4.75	IL 9.5 FG	IL 9.5	IL 9.5	IL 19.0	IL 19.0
Friction Aggregate:	Mix D	N/A	Mix D	Mix D	Mix D	N/A	N/A
Quality Management Program:	QCP	QCP	QCP	QCP	QCQA	QCQA	QCQA
MTD:	YES	YES	Yes	Yes	YES	NO	NO

- Note: 1) Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size, unless otherwise approved by the Engineer.
2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb/s.y./in., unless otherwise noted.
3) Sublot sizes for PFP and QCP mixes will be 1000 tons, unless otherwise agreed to by the Engineer and the paving contractor.

BUTT JOINT CUTTING TIME RESTRICTION

Butt joints shall not be milled more than three (3) days prior to placement of the HMA surface course.

PAVING SURFACE COURSE

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the hot-mix asphalt surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

CROSSING EXISTING STRUCTURES WITH EQUIPMENT

The following structure, SN 090-0124 may be crossed with the empty MTD with the following maximum gross weight restrictions of 40 tons. Any structures not listed above shall be verified by the resident prior to beginning work.

SIGNING

Sign locations may vary from the stations shown on the plans in accordance with directions from the Engineer at the time of construction. Sign locations may be adjusted in the field to avoid any found utilities.

All wood post locations shall be verified with the Bureau of Operations, Traffic Section, before installation.

MODEL: General Notes (Sheet)
FILE NAME: c:\p\work\pwr\doc\covarrubias\1025494\1025494-15-sth-GenNotes.dgn

USER NAME = armaris.ayaladiaz	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		317	(18H)BRR;35RS-12;17RS-8	TAZEWELL	96	2				
	CHECKED -	REVISED -		CONTRACT NO. 68J15				ILLINOIS FED. AID PROJECT				
PLOT DATE = 3/24/2026	DATE -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.			

Route FAP 317 (BUS 24/IL 8)
Section (18HB)BRR;35RS-12;17RS-8
County Tazewell
Contract No. 68J15
Job No. C-94-061-24

No utility conflicts have been found within the project limits.
 Dig responsibly, call JULIE
 Utilities located within the ROW consist of:

COMPANY	CONTACT PERSON	CONTACT INFO
Ameren Illinois – Electric	Patrick Ridgley	pridgley@ameren.com
Ameren Illinois – Gas	Zach Wilson	zwilson@ameren.com
ATT-Transmission	Kevin Medford	Km5258@att.com
ATT-Distribution	Justin Heseck	Jh553r@att.com
Comcast	Paul Nash	Paul_nash@comcast.com
Frontier Communications	Kalin Hinshaw	Kalin.hinshaw@ftr.com
MTCO - Metamora Telephone	Dan Roberts	droberts@corp.mtco.com
City of Washington	Dennis Carr	dcarr@ci.washington.il.us
Lumen – Level 3	Gary Fallis	Gary.d.fallis@lumen.com
Bluebird	Jeremy Carr	Jeremy.carr@bluebirdnetwork.com



Status of Utilities

Name of Utility Company _____
 Bluebird and Lumen/Level 3

Route FAP 317 (Bus 24/IL 8)
Section (18HB)BRR;35RS-12;17RS-8
County Tazewell
Contract No. 68J15
Job No. C-94-061-24

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
Bus 24	Lt	16+59 (Ramp A)	Buried fiber	Sign panel	Caution

NOTE: Please check all your facilities within the construction limits of this project.

MODEL: UTILITIES CONTACT INFO
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USER NAME = armaris.ayaladiaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/23/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATUS OF UTILITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	3
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	005	005	0047
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY	BRIDGE
				RAMPS B & C, MAINLINE	RAMPS A & D	SN 090-0124
				STP URBAN	NHPP URBAN	NHPP URBAN
20200100	EARTH EXCAVATION	CU YD	119			119
20400800	FURNISHED EXCAVATION	CU YD	105			105
20800150	TRENCH BACKFILL	CU YD	11			11
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	577			577
25000210	SEEDING, CLASS 2A	ACRE	0.1	0.1		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	11	11		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	11	11		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	11	11		
25100115	MULCH, METHOD 2	ACRE	0.1	0.1		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	12	12		
28000305	TEMPORARY DITCH CHECKS	FOOT	24	24		
28000400	PERIMETER EROSION BARRIER	FOOT	379	379		
28000500	INIFT AND PIPE PROTECTION	EACH	1	1		
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	135	135		

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PLOT DATE = 3/25/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB/BRR;35RS-12;17RS-8	TAZEWELL	96	4
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	005	005	0047
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY RAMPS B & C, MAINLINE	ROADWAY RAMPS A & D	BRIDGE SN 090-0124
				STP URBAN	NHPP URBAN	NHPP URBAN
28200200	FILTER FABRIC	SQ YD	117	117		
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	99,076	88,475	10,601	
40600405	MATERIAL TRANSFER DEVICE	TON	9,509	8,461	1,048	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,849	2,791	58	
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	2,859	2,515	344	
40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	4,584	4,068	516	
44000100	PAVEMENT REMOVAL	SQ YD	658			658
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	4,098	4,098		
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	47,816	41,733	6,083	
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	12,357	11,136	1,221	
44000300	CURB REMOVAL	FOOT	22			22
44004250	PAVED SHOULDER REMOVAL	SQ YD	366			366
44201409	CLASS C PATCHES, TYPE IV, 14 INCH	SQ YD	66	66		
48203100	HOT-MIX ASPHALT SHOULDERS	TON	2,067	1,879	188	

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PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB(BRR:35RS-12;17RS-8)	TAZEWELL	96	5
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	005	005	0047
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY	BRIDGE
				RAMPS B & C, MAINLINE	RAMPS A & D	SN 090-0124
				STP URBAN	NHPP URBAN	NHPP URBAN
50102400	CONCRETE REMOVAL	CU YD	11.6			11.6
50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	12.8			12.8
50300260	BRIDGE DECK GROOVING	SQ YD	904			904
50300300	PROTECTIVE COAT	SQ YD	999			999
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,640			1,640
52000050	PREFORMED JOINT SEAL 4"	FOOT	32			32
52000110	PREFORMED JOINT STRIP SEAL	FOOT	70			70
53016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	5			5
53101002	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	977			977
53101609	BRIDGE DECK MICROSILICA CONCRETE OVERLAY 2 1/2"	SQ YD	977			977
53212754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	33			33
5421D012	PIPE CULVERTS, CLASS D, TYPE 1 12" (TEMPORARY)	FOOT	81			81
59000200	EPOXY CRACK INJECTION	FOOT	11			11
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	2	2		

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PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18H)BRR;35RS-12;17RS-8	TAZEWELL	96	6
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	005	005	0047
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY	BRIDGE
				RAMPS B & C, MAINLINE STP URBAN	RAMPS A & D NHPP URBAN	SN 090-0124 NHPP URBAN
60260100	INLETS TO BE ADJUSTED	EACH	2			2
60600605	CONCRETE CURB, TYPE B	FOOT	60			60
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	275			275
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1			1
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4			4
63200310	GUARDRAIL REMOVAL	FOOT	423			423
* 63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	50			50
* 63301990	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1	EACH	2			2
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	15,909	15,909		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4		
67100100	MOBILIZATION	LSUM	1	1		
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	LSUM	1	1		
70100325	TRAFFIC CONTROL AND PROTECTION, STANDARD 701423	EACH	1	1		
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	1		

* = SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)H(B)BRR;35RS-12;17RS-8	TAZEWELL	96	7
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	005	005	0047
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY	BRIDGE
				RAMPS B & C, MAINLINE STP URBAN	RAMPS A & D NHPP URBAN	SN 090-0124 NHPP URBAN
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	LSUM	1	1		
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	LSUM	1	1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1		
70106700	TEMPORARY RUMBLE STRIPS	EACH	2			2
70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	547	547		
70107007	PAVEMENT MARKING BLACKOUT TAPE, 7"	FOOT	82	50	32	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	260	260		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	6,058	4,966	1,092	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	5,097	2,603	2,494	
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	677	677		
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	18,812	17,589	1,223	
70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	18,362	16,358	2,004	
70300251	TEMPORARY PAVEMENT MARKING - LINE 8" - PAINT	FOOT	4,413	3,101	1,312	
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	1,077	817	260	

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PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	8
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	005	005	0047
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY	BRIDGE
				RAMPS B & C, MAINLINE	RAMPS A & D	SN 090-0124
				STP URBAN	NHPP URBAN	NHPP URBAN
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	209	209		
70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	172		172	
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	1,681	800	881	
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	3,063	847	2,216	
70307140	TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE	FOOT	368		368	
70307160	TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE	FOOT	206		206	
70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	53		53	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	200			200
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1			1
* 72000100	SIGN PANEL - TYPE 1	SQ FT	17		9	8
* 72000200	SIGN PANEL - TYPE 2	SQ FT	96			96
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	7			7
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	9		9	
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	9		9	

* = SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB(BRR:35RS-12;17RS-8	TAZEWELL	96	9
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	005	005	0047
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY RAMPS B & C, MAINLINE	ROADWAY RAMPS A & D	BRIDGE SN 090-0124
				STP URBAN	NHPP URBAN	NHPP URBAN
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	32		32	
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	677	677		
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	18,812	17,589	1,223	
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	18,362	16,358	2,004	
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	4,413	3,101	1,312	
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1,077	817	260	
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	209	209		
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	677	677		
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	18,812	17,589	1,223	
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	18,362	16,358	2,004	
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	4,413	3,101	1,312	
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	1,077	817	260	
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	209	209		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	276	243	33	

* = SPECIALTY ITEM

MODEL: SOQ (Sheet) - 7
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USER NAME = Gerardo.Covarubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18H)BRR;35RS-12;17RS-8	TAZEWELL	96	10
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	005	005	0047
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY RAMPS B & C, MAINLINE	ROADWAY RAMPS A & D	BRIDGE SN 090-0124
				STP URBAN	NHPP URBAN	NHPP URBAN
* 78200020	CURB REFLECTORS	EACH	133	133		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	276	243	33	
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1			1
* 81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	150			150
* 81028770	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	100			100
89000200	TEMPORARY TRAFFIC SIGNAL INSTALLATION	LSUM	1			1
89502500	REMOVE TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1			1
X0326444	SURFACE FILLER (SPECIAL)	GALLON	1			1
X4421000	PARTIAL DEPTH PATCHING	TON	340	340		
X4421002	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	1,013	1,013		
X5017305	PROTECTIVE SHIELD (PERMANENT)	SQ YD	389			389
X5030550	PROTECTIVE COAT (SPECIAL)	SQ YD	395			395
X5110312	SLOPE WALL SLURRY PUMPING	CU YD	1			1
X6350204	LINEAR DELINEATOR PANELS, 4 INCH	EACH	16			16

*= SPECIALTY ITEM

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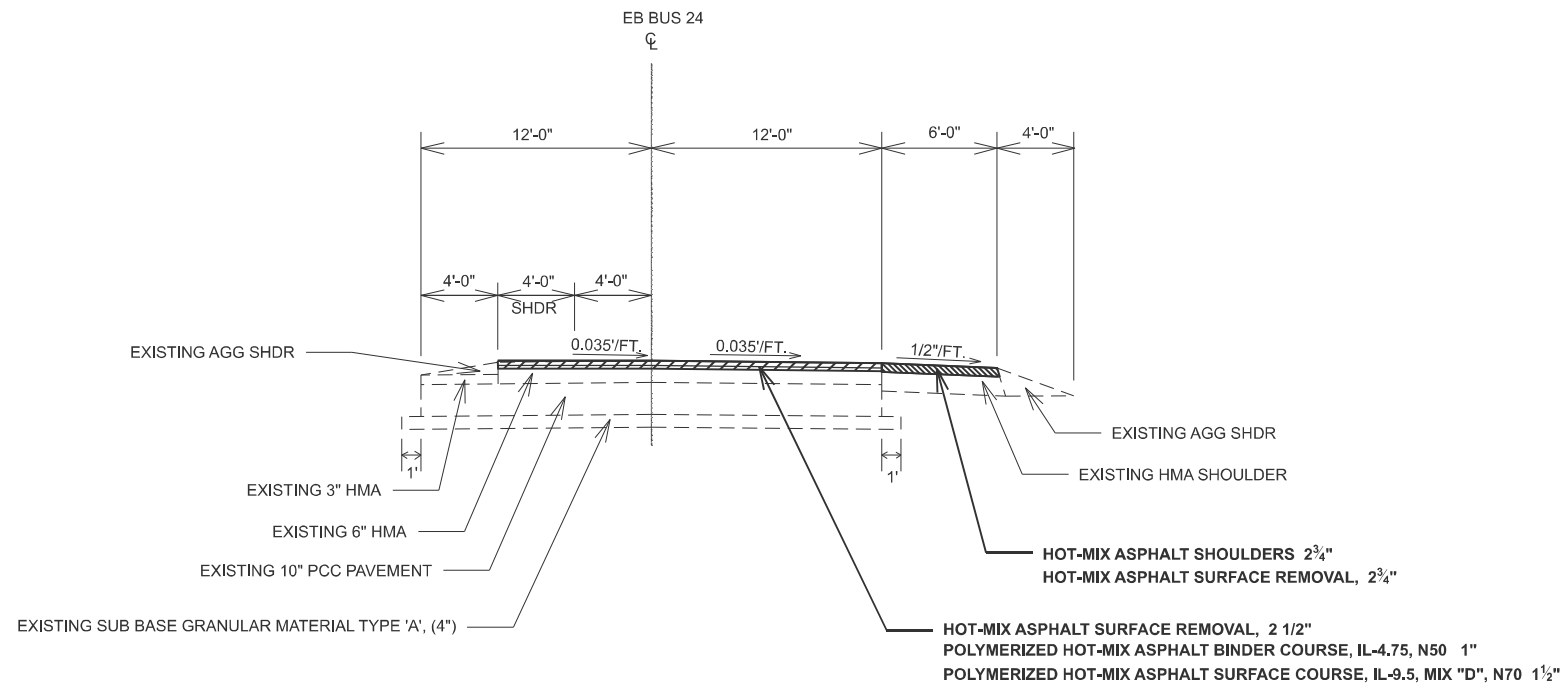
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	DRAWN -	REVISED -
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PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB/BRR;35RS-12;17RS-8	TAZEWELL	96	11
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



1 TYPICAL SECTION
 STA. 426+29.46 TO STA. 427+91

MODEL: Typical Sections (Sheet) - 1
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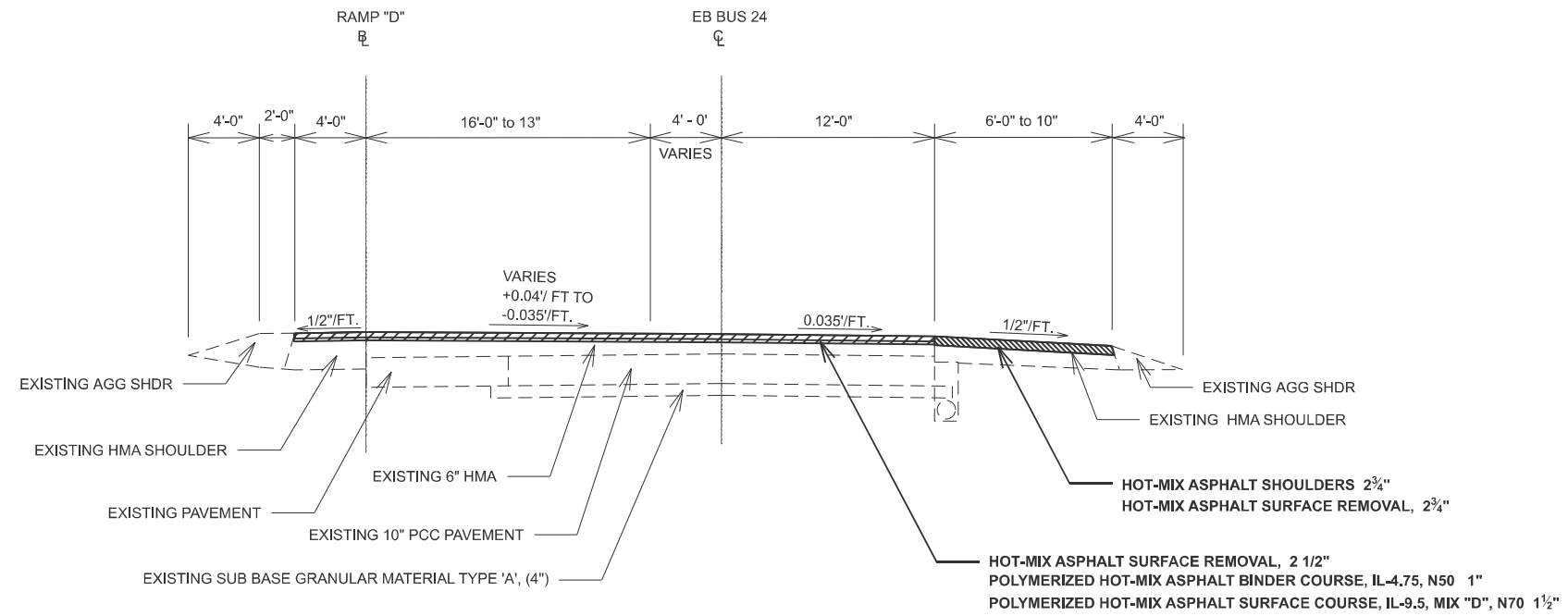
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	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS
 BUS 24**

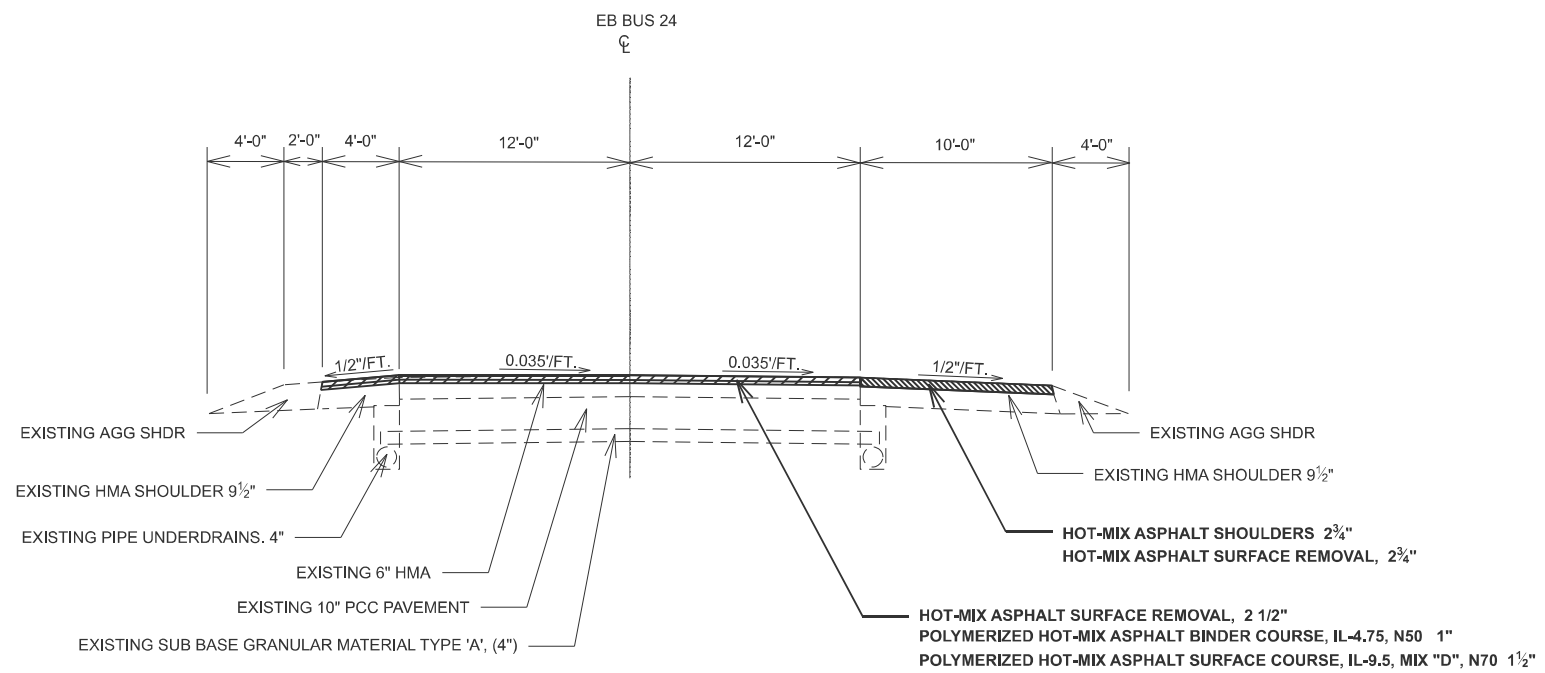
SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	13
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



2 TYPICAL SECTION

STA. 427+91 TO STA. 431+34.25



3 TYPICAL SECTION

STA. 431+34.25 TO STA. 442+97.52

MODEL: Typical Sections (Sheet) - 2
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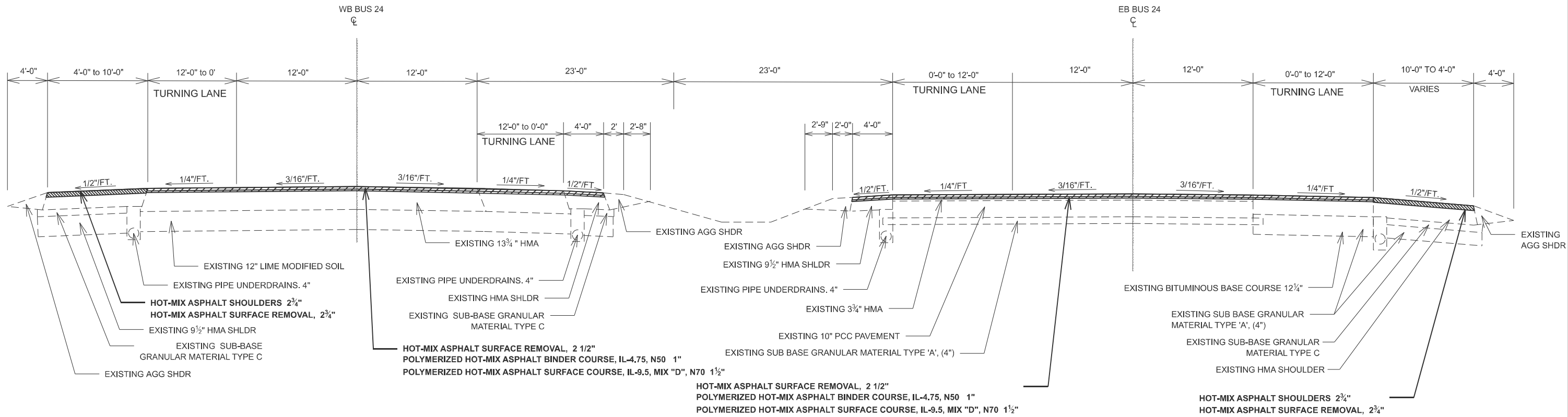
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	DRAWN -	REVISED -
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PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS
BUS 24**

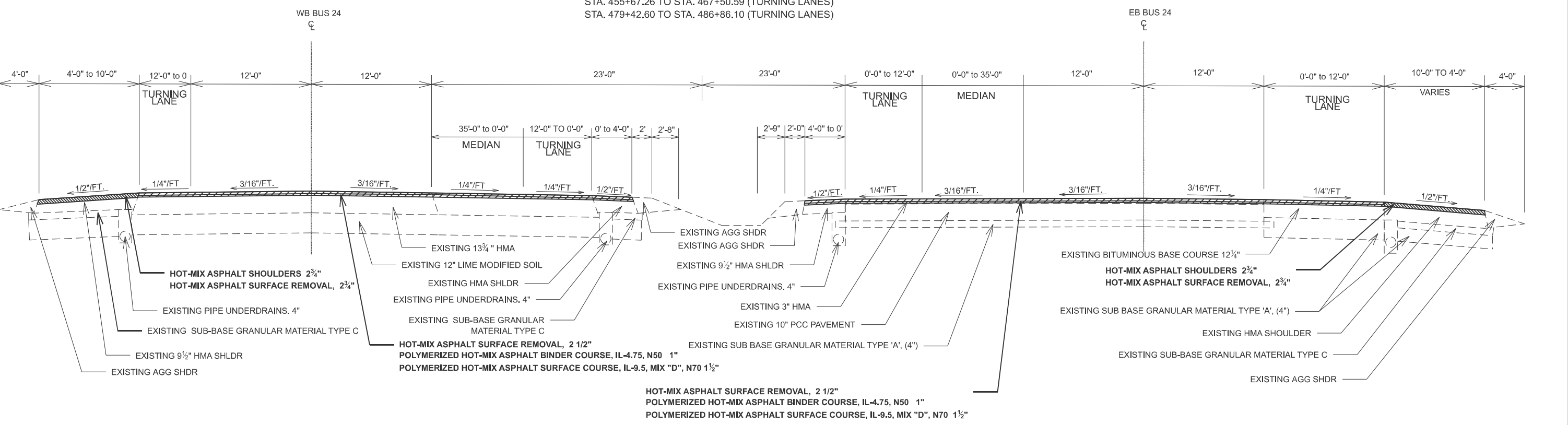
SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR:35RS-12;17RS-8	TAZEWELL	96	14
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



4 TYPICAL SECTION

STA. 449+26.41 TO STA. 474+98.31 WB
STA. 442+97.52 TO STA. 470+35.75 EB
STA. 455+67.26 TO STA. 467+50.59 (TURNING LANES)
STA. 479+42.60 TO STA. 486+86.10 (TURNING LANES)



5 TYPICAL SECTION

STA. 474+98.31 TO STA. 486+86.1 WB
STA. 470+35.75 TO STA. 486+47.15 EB

MODEL: Typical Sections (Sheet) - 3
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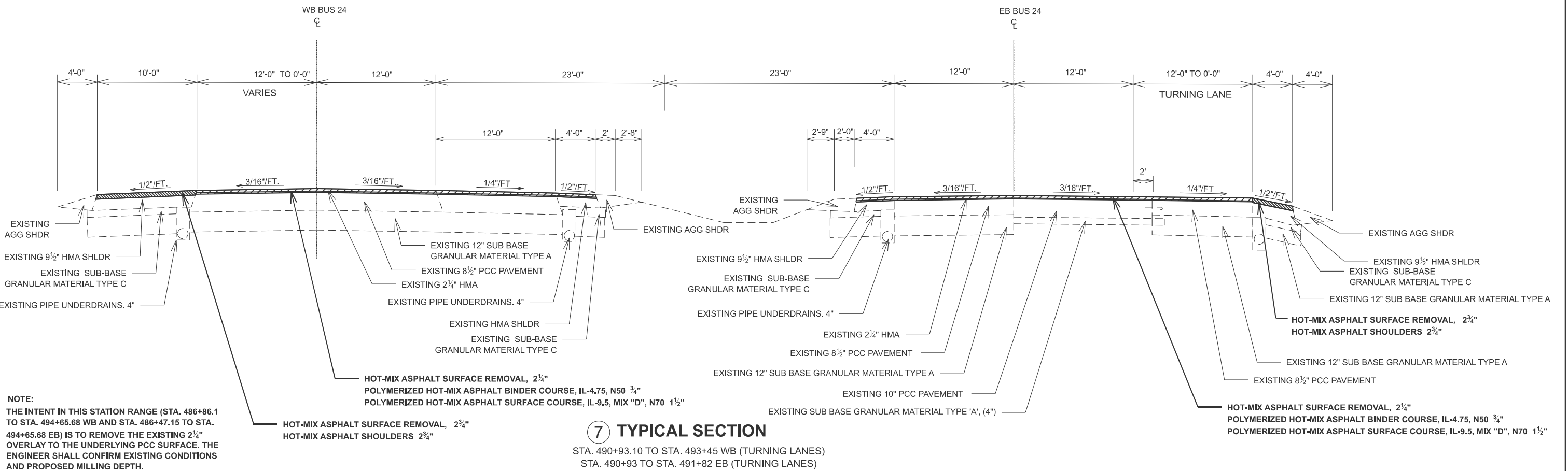
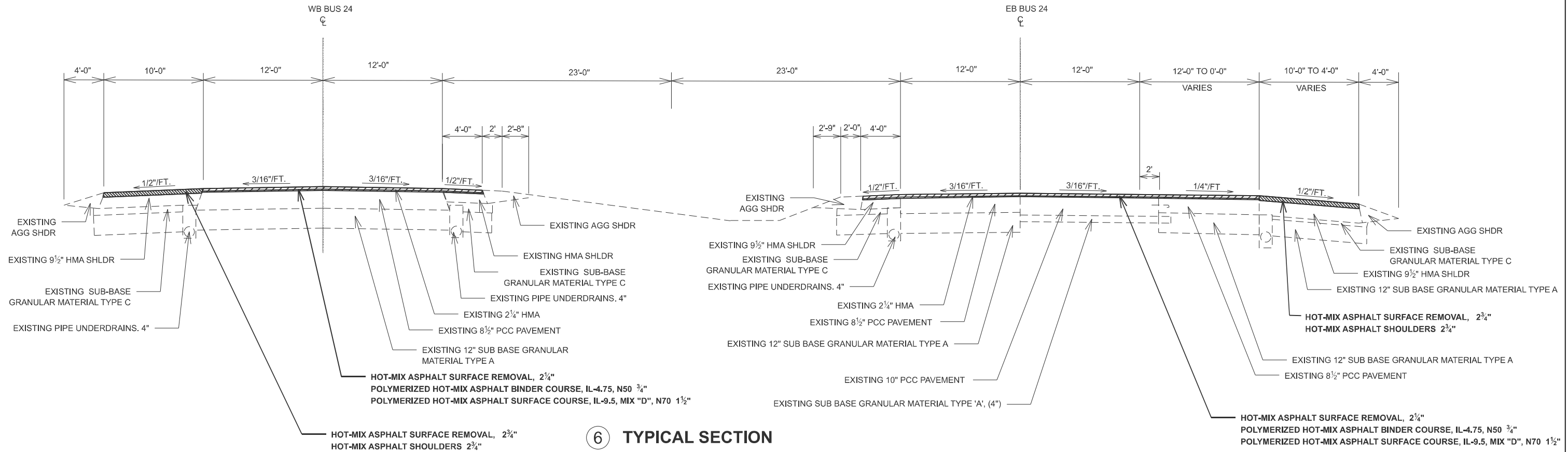
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	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS
BUS 24**

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB(BRR:35RS-12;17RS-8)	TAZEWELL	96	15
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



NOTE:
 THE INTENT IN THIS STATION RANGE (STA. 486+86.1 TO STA. 494+65.68 WB AND STA. 486+47.15 TO STA. 494+65.68 EB) IS TO REMOVE THE EXISTING 2 1/4" OVERLAY TO THE UNDERLYING PCC SURFACE. THE ENGINEER SHALL CONFIRM EXISTING CONDITIONS AND PROPOSED MILLING DEPTH.

MODEL: Typical Sections (Sheet) - 4
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PLOT DATE = 3/23/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS
BUS 24

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

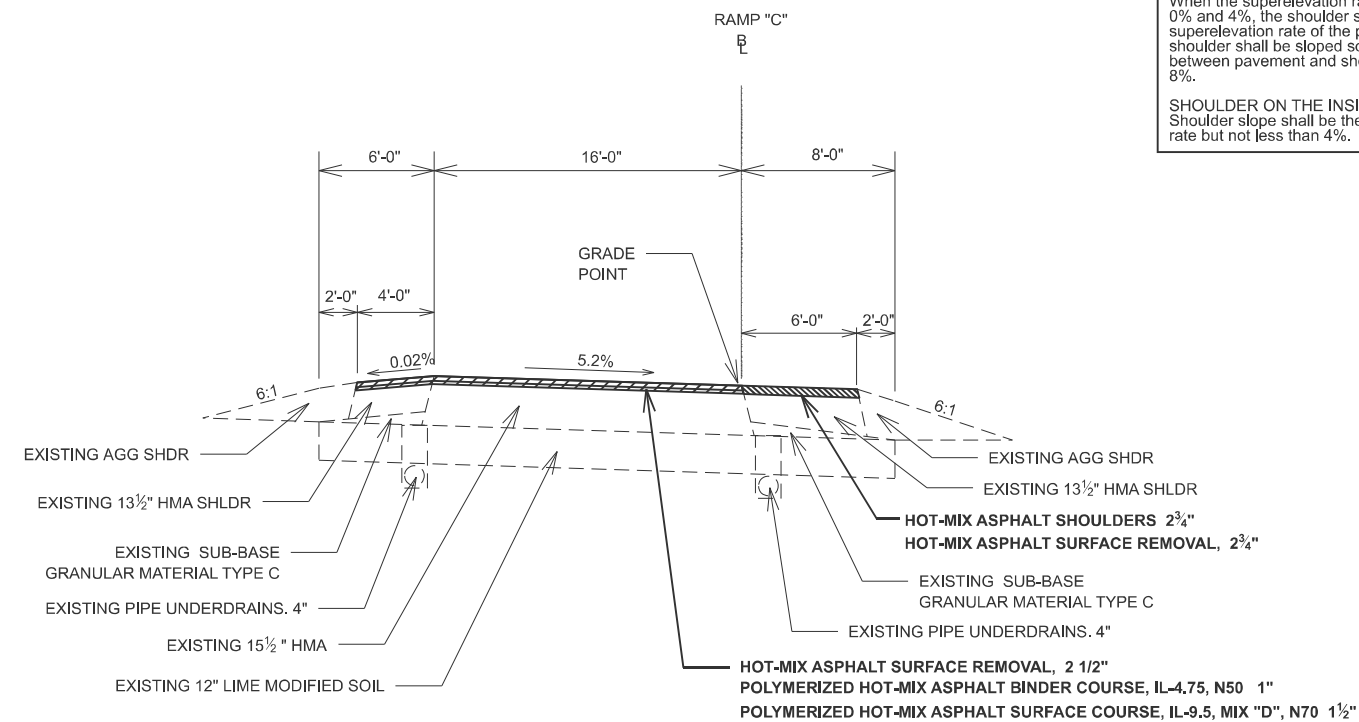
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR:35RS-12;17RS-8	TAZEWELL	96	16
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

P.T. STA. 13+53.62 (RAMP C) = STA. 426+29.46 BUS 24

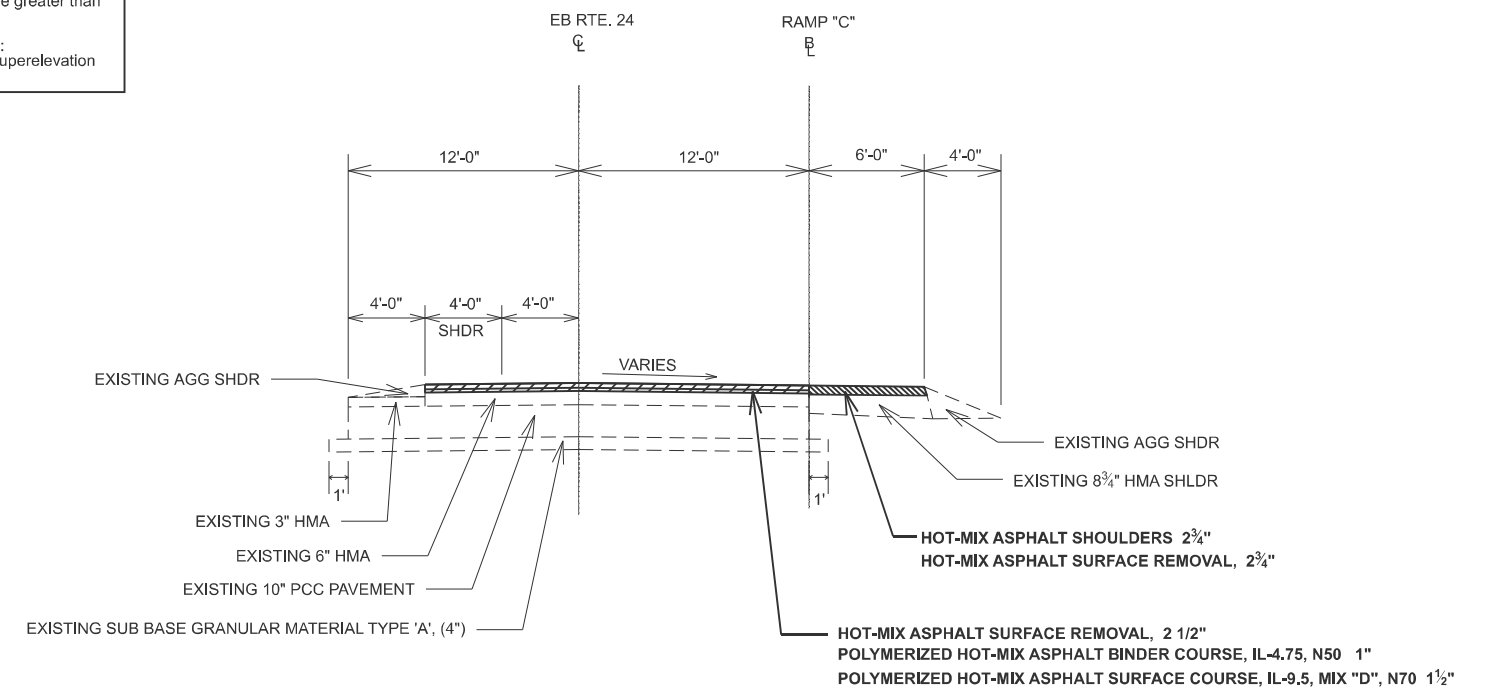
NOTES FOR SHOULDERS ADJACENT TO SUPERELEVATED PAVEMENT

SHOULDER ON THE OUTSIDE OF CURVE:
When the superelevation rate of the pavement is between 0% and 4%, the shoulder shall be sloped at 4%. When the superelevation rate of the pavement exceeds 4%, the shoulder shall be sloped so that the algebraic difference between pavement and shoulder will not be greater than 8%.

SHOULDER ON THE INSIDE OF CURVE:
Shoulder slope shall be the same as the superelevation rate but not less than 4%.



15 TYPICAL SECTION
STA. 7+20 TO STA. 12+93.62
(RAMP C)



16 TYPICAL SECTION
STA. 12+93.62 TO STA. 13+53.62
(RAMP C)

MODEL: Typical Sections (Sheet) - 7
FILE NAME: c:\p\work\pav\covarrubias\1025494\15-sh-typical.dgn

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PLOT DATE = 3/24/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS
RAMP C

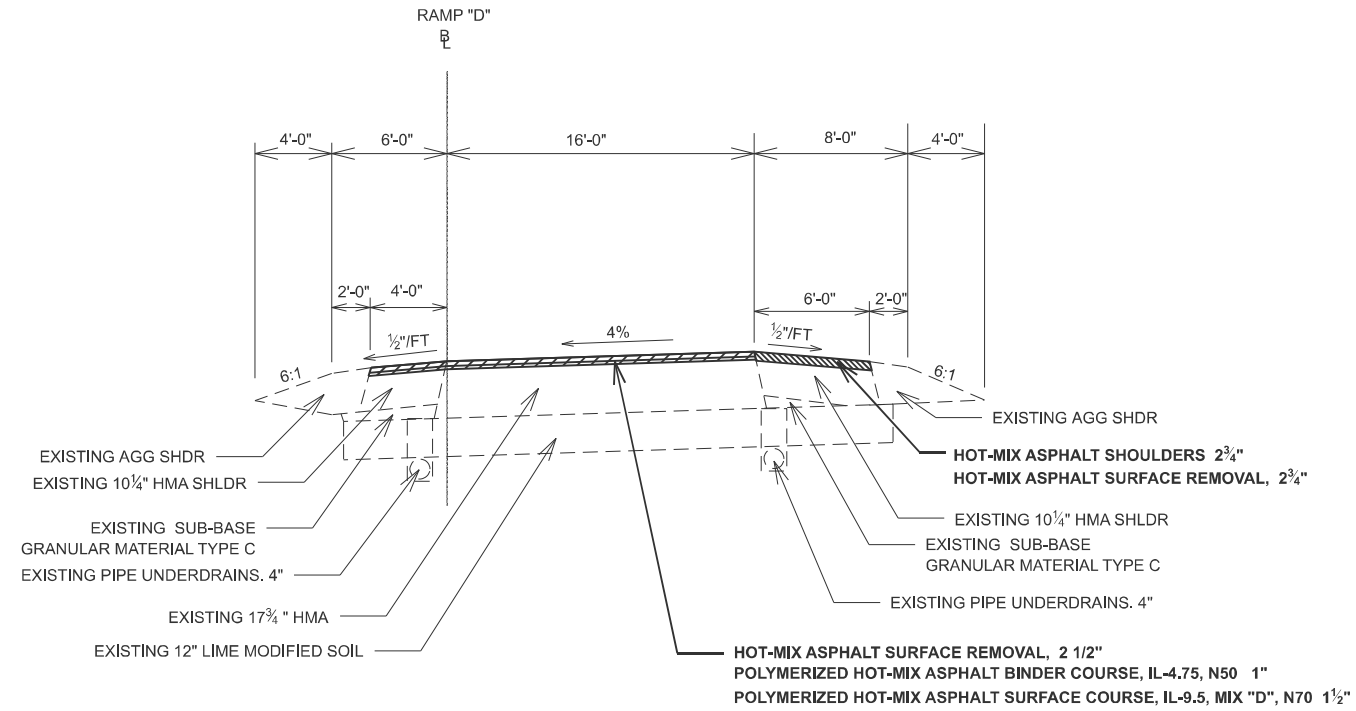
SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR:35RS-12;17RS-8	TAZEWELL	96	19
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

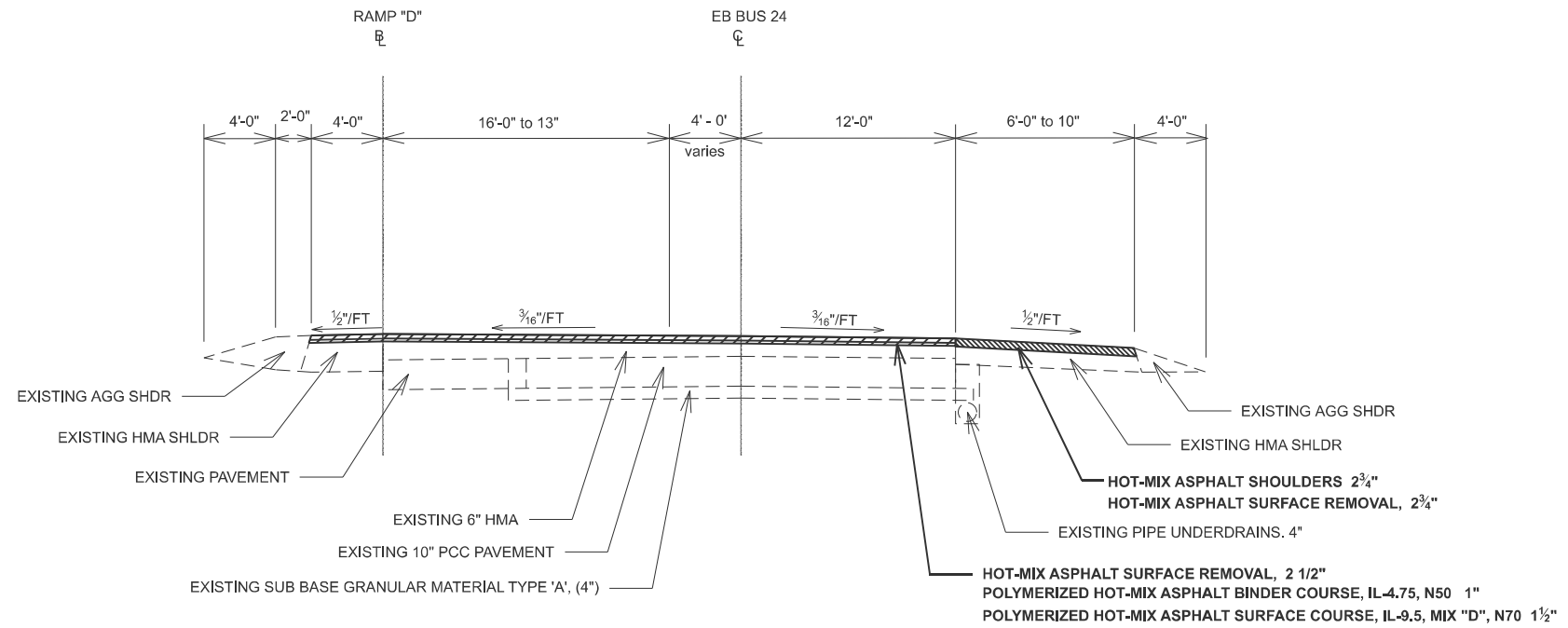
NOTES FOR SHOULDERS ADJACENT TO SUPERELEVATED PAVEMENT

SHOULDER ON THE OUTSIDE OF CURVE:
When the superelevation rate of the pavement is between 0% and 4%, the shoulder shall be sloped at 4%. When the superelevation rate of the pavement exceeds 4%, the shoulder shall be sloped so that the algebraic difference between pavement and shoulder will not be greater than 8%.

SHOULDER ON THE INSIDE OF CURVE:
Shoulder slope shall be the same as the superelevation rate but not less than 4%.



17 TYPICAL SECTION
RAMP D STA. 0+80 TO STA. 2+51.69
(RAMP D SUPERELEVATED SECTION)



18 TYPICAL SECTION
STA. 2+51.69 TO STA. 4+43
(RAMP D)

MODEL: Typical Sections (Sheet) - 8
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS
RAMP D**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR:35RS-12;17RS-8	TAZEWELL	96	20
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE														
LOCATION						HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	HOT-MIX ASPHALT SHOULDERS	MATERIAL TRANSFER DEVICE	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)
BUS 24						44000158	44000159	44000160	40600982	40603200	40604162	48203100	40600405	40600295
						SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	POUND
STA	0+00	TO	3+85	outside shldr	inside shldr	6								
STA	3+85	TO	10+14	GORE AREA		6								
STA	10+14	TO	15+80	6	4	16								
STA	15+80	TO	16+60	6	4	16								
STA	0+00	TO	1+55	6	4	16								
STA	1+55	TO	6+35	6	4	16								
STA	6+35	TO	9+08	6	4	16								
STA	12+89	TO	20+65	6	4	16								
STA	20+65	TO	23+30	6	4	16								
STA	7+20	TO	12+94	6	4	16								
STA	12+94	TO	13+54	6	4	16								
STA	0+80	TO	2+52	6	4	16								
STA	2+52	TO	4+43	GORE AREA										
STA	426+29	TO	428+15	6	4	16								
STA	428+15	TO	430+53	8										
STA	430+53	TO	442+98	10	4	24								
STA	442+98	TO	449+16	10	4	24								
STA	449+22	TO	456+76	10	4	24								
STA	456+76	TO	463+34	VARIES										
STA	463+34	TO	471+62	10	4	24								
STA	471+62	TO	479+39	VARIES										
STA	479+39	TO	486+47	10	4	24								
STA	486+47	TO	489+09	10	4	24								
STA	489+09	TO	490+93	7	4	30								
STA	490+93	TO	493+45	4	4	36								
STA	449+22	TO	460+53	10	4	24								
STA	460+53	TO	467+36	VARIES										
STA	467+36	TO	475+68	10	4	24								
STA	475+68	TO	483+58	VARIES										
STA	483+58	TO	486+86	10	4	24								
STA	486+86	TO	491+72	10	4	24								
STA	491+72	TO	491+82	10	4	29								
US 24 / BUS 24														
STA	15+50	TO	16+70	AREA =	1324	SQFT								
STA	25+00	TO	27+20	AREA =	1965	SQFT								
TOTAL RAMPS A & D SUBTOTAL						0	6083	1221	58	344	516	188	1048	10601
MAIN LINE AND RAMPS B & C SUBTOTAL						4098	41733	11136	2791	2515	4068	1879	8461	88475
TOTALS						4098	47816	12357	2849	2859	4584	2067	9509	99076

NOTE: BRIDGE, APPROACH PAVEMENT AND CONNECTOR PAVEMENT OMISSION RAMP B STA. 9+07.5 TO STA. 12+88.5 (BRIDGE STA. 9+71 TO STA. 12+15).

GUARDRAIL SCHEDULE												
LOCATION				GUARDRAIL REMOVAL	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 2	LINEAR DELINEATOR PANELS, 4 INCH	GUARDRAIL AGGREGATE EROSION CONTROL	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1	
BUS 24 (Ramp B)				LT/RT	FOOT	FOOT	EACH	EACH	EACH	TON	FOOT	EACH
STA	8+50	TO	9+65	LT	115	75	1		4	0.9		
STA	12+49	TO	14+00	LT	93	62.5	1	1	4	12.9		
STA	8+57	TO	9+58	RT	101	62.5	1		4	0.9		
STA	12+27	TO	13+41	RT	114	75	1		4	0.9		
US 24 *												
STA	24+88	TO	25+63	LT						50		2
TOTALS					423	275	4	1	16	16	50	2

*NOTE: REMOVE SPBG TYPE A FROM 24+87.5 TO 25+12.5 IN PRE-STAGE AND REERECT IN STAGE III.
 REMOVE TBT TYPE 1 FROM 25+12.5 TO 25+62.5 AND REERECT FROM 24+87.5 TO 25+37.5 IN PRE-STAGE.
 REMOVE TBT TYPE 1 FROM 24+87.5 TO 25+37.5 AND REERECT FROM 25+12.5 TO 25+62.5 IN STAGE III.

PATCHING SCHEDULE													
LOCATION							PARTIAL DEPTH PATCHING (SPECIAL)	PARTIAL DEPTH PATCHING	CLASS C PATCHES, TYPE IV, 14 INCH				
BUS 24 WB							QUANTITY / LANE	X4421002	X4421000	44201409			
							Area	SIZE	DL	PL	SQ YD	TON	SQ YD
449+26.41	TO	474+98.31	48	4'X12'	6	4	53.3	17.9					
			72	6'X12'	1		8.0	2.7					
			360	12'X30'	1		40.0	13.4					
474+98.31	TO	486+86.10	48	4'X12'	10	10	106.7	35.8					
			72	6'X12'	3	3	48.0	16.1					
			360	12'X30'	1		40.0	13.4					
486+86.10	TO	490+93.10	48	4'X12'	2	2	21.3	7.2					
			72	6'X12'	1	1	16.0	5.4					
BUS 24 EB													
431+34.25	TO	442+97.52	48	4'X12'	11	11	117.3	39.4					
			72	6'X12'	1	2	24.0	8.1					
442+97.52	TO	470+35.75	48	4'X12'	28	24	277.3	93.2					
			72	6'X12'	1	1	16.0	5.4					
470+35.75		486+47.15	48	4'X12'	15	12	144.0	48.4					
486+47.15		490+93.00	48	4'X12'	6	7	69.3	23.3					
RAMP B												66	
RAMP C													
12+93.62	TO	13+53.62	64	4'X16'	3		21.3	7.2					
			96	6'X16'	1		10.7	3.6					
RAMPS A & D SUBTOTAL										0	0	0	
MAIN LINE AND RAMPS B & C SUBTOTAL										1013	340	66	
TOTALS										1013	340	66	

SHOULDER RUMBLE STRIPS SCHEDULE				
LOCATION			SHOULDER RUMBLE STRIPS, 16 INCH	
			64200116	
			FOOT	
STA	429+27	TO	449+16	1989.0
STA	449+27	TO	456+66	744.0
STA	463+54	TO	471+82	828.0
STA	479+60	TO	489+20	960.0
BUS 24 EB (INSIDE)				
STA	429+27	TO	449+16	1989.0
STA	449+22	TO	461+00	1178.0
STA	463+36	TO	476+90	1354.0
STA	478+16	TO	493+45	1529.0
BUS 24 WB (OUTSIDE)				
STA	448+95	TO	460+34	1139.0
STA	467+33	TO	475+27	794.0
STA	483+71	TO	491+82	811.0
BUS 24 WB (INSIDE)				0.0
STA	445+92	TO	461+02	
STA	463+51	TO	476+98	1347.0
STA	479+35	TO	491+82	1247.0
MAIN LINE AND RAMPS B & C SUBTOTAL				15909
TOTALS				15909

MODEL: Schedule (Sheet) - 1
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/25/2026	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB(BRR:35RS-12;17RS-8)	TAZEWELL	96	21
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

SHORT TERM PAVEMENT MAKING SCHEDULE										
LOCATION					SHORT TERM PAVEMENT MARKING		SHORT TERM PAVEMENT MARKING REMOVAL	PAVEMENT MARKING BLACKOUT TAPE, 5"	PAVEMENT MARKING BLACKOUT TAPE, 7"	
					70300100		70300150	70107005	70107007	
BUS 24					FOOT CENTER	FOOT EDGE	SQ FT	FOOT SOLID	FOOT SOLID	
STA	0+00	TO	3+85	RAMP A	116	92	69			
STA	3+85	TO	10+14		189	151	113			
STA	10+14	TO	16+60		194	155	116			
STA	16+60	TO	18+00							32
STA	0+00	TO	23+30	RAMP B	233	186	140			
STA	7+20	TO	13+54	RAMP C	190	152	114			
STA	0+80	TO	3+16	RAMP D	71	57	42			
STA	3+16	TO	4+43		38	30	23			
STA	426+29	TO	428+15	EB	56	11	22			
STA	428+15	TO	430+53		71	14	29			
STA	430+53	TO	459+55		871	174	348			
STA	459+55	TO	463+54		120	24	48			
STA	463+54	TO	473+35		294	59	118			
STA	473+35	TO	478+85		165	33	66			
STA	478+85	TO	493+45		438	88	175			
STA	442+20	TO	445+41	WB	96	19	39			
STA	445+41	TO	449+15		112	22	45			
STA	449+15	TO	460+34		336	67	134			
STA	460+34	TO	465+25		147	29	59			
STA	465+25	TO	475+27		301	60	120			
STA	475+27	TO	481+64		191	38	76			
STA	481+64	TO	491+82		305	61	122			
US 24										
STA	15+00	TO	16+47	RT			61	147		
STA	25+00	TO	27+50	LT/RT			196	400	50	
RAMP A & D SUBTOTAL FROM TEMPORARY- TYPE IV TAPE SCHEDULE							2131			
MAINLINE, RAMP B & C SUBTOTAL FROM TEMPORARY- TYPE IV TAPE SCHEDULE							690			
RAMP A & D SUBTOTAL					607	485	2494	0	32	
MAIN LINE AND RAMPS B & C SUBTOTAL					3927	1039	2603	547	50	
TOTALS					6058		5097	547	82	

NOTE: ASSUMES 3 APPLICATIONS.

TEMPORARY CONCRETE BARRIER / IMPACT ATTENUATOR SCHEDULE						
LOCATION				TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	
US 24				70400100	70600250	
STA.	TO	STA.	LT/RT	FOOT	FOOT	
26+45	TO	28+46	LT	200	1	
TOTAL				200	1	

TUBULAR MARKERS			
LOCATION		Z0024475	
WB US 24		TUBULAR MARKER	
STA	TO	STA	EACH
23+00	TO	26+45	69
TOTAL		69	

NOTE: SPACED AT 10' IN STAGE I. QUANTITY ASSUMES 2 INSTALLATIONS ARE REQUIRED.

MOBILIZATION	
67100100	
LOCATION:	L SUM
BUS 24 / US 24	1
TOTAL	1

ENGINEER'S FIELD OFFICE, TYPE A	
67000400	
LOCATION:	CAL MO
BUS 24 / US 24	4
TOTAL	4

CONSTRUCTION LAYOUT	
Z0013798	
LOCATION:	L SUM
BUS 24 / US 24	1
TOTAL	1

CHANGEABLE MESSAGE SIGN	
70107025	
LOCATION:	CAL DA
BUS 24 / US 24	260
TOTAL	260

Note: Two signs at 90 days each and two signs at 40 days each.

EROSION CONTROL / SEEDING SCHEDULE																	
LOCATION					TEMPORARY EROSION CONTROL SEEDING	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SEEDING, CLASS 2A	MULCH, METHOD 2	STONE DUMPED RIPRAP, CLASS A4	FILTER FABRIC	CONCRETE HEADWALL REMOVAL	CONCRETE HEADWALLS FOR PIPE DRAINS	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION
US 24					28000250	25000100	25000500	25000600	25000210	25100115	28100807	28200200	50104400	60100060	28000305	28000400	28000500
STA	TO	STA	TO	RT	POUND	POUND	POUND	POUND	ACRE	ACRE	TON	SQ YD	EACH	EACH	FOOT	FOOT	EACH
* STA	15+50	TO	16+70	RT	0.9	0.8	0.8	0.8	0.01	0.01						190.0	
** STA	25+00	TO	27+20	LT/RT	11.0	9.9	9.9	9.9	0.11	0.11					24	189	1
BUS 24																	
STA	471+65	TO	472+70	RT							135	117	2	2			
TOTALS					12	11	11	11	0.1	0.1	135	117	2	2	24	379	1

* Includes Ramp D Quantities.

** Includes Ramp A Quantities.

MODEL: Schedule (Sheet) - 2
FILE NAME: c:\pwworking\covarrubiasj\1025494\Drawings\15-sth-schedule.dgn

USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/25/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB(BRR;35RS-12;17RS-8)	TAZEWELL	96	22
CONTRACT NO. 68J15				
ILLINOIS		FED. AID PROJECT		

TEMPORARY PAVEMENT MAKING - PAINT SCHEDULE											
LOCATION				TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	TEMPORARY PAVEMENT MARKING - LINE 8" - PAINT	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT		
				70300221	70300241	70300251	70300261	70300281	70300211		
				SKIP	YELLOW	WHITE	YELLOW	WHITE	WHITE		
				FT	FT	FOOT	FT	FOOT	FOOT	SQ FT	
BUS 24											
STA	0+00	TO	3+34	RAMP A	LT/RT						
STA	3+34	TO	10+12		LT/RT/GORE		334		260		
STA	10+12	TO	17+92		LT/RT		780	780			
STA	0+00	TO	23+30	RAMP B	LT/RT		2330	2113			
STA	7+20	TO	13+54	RAMP C	LT/RT		634	634			
STA	0+00	TO	3+16	RAMP D	LT/RT		316	212			
STA	3+16	TO	4+43		LT/RT		127				
STA	426+29	TO	428+15	EB	LT/RT/CL		186	186			
STA	428+15	TO	430+53		LT/RT/CL	32		222	228	14	
STA	430+53	TO	449+16		LT/RT/CL	466	1863	1863			
STA	449+22	TO	459+58		LT/RT/CL	259	1036	1167			
STA	459+58	TO	463+54		LT/RT/CL	99	496	912	140	46	12
STA	463+54	TO	473+38		LT/RT/CL	246	984	1113			
STA	473+38	TO	478+85		LT/RT/CL	110	628	910	1244	325	105
STA	478+85	TO	493+45		LT/RT/CL	365	1460	1742			94
STA	442+20	TO	445+92	WB	LT/RT/CL		463				
STA	445+92	TO	449+22		LT/RT/CL	83	330				
STA	449+22	TO	460+34		LT/RT/CL	278	1112	1112			
STA	460+34	TO	465+25		LT/RT/CL	123	410	1036	139	47	12
STA	465+25	TO	475+27		LT/RT/CL	251	1002	1109			
STA	475+27	TO	481+69		LT/RT/CL	137	942	1118	1270	25	360
STA	481+69	TO	491+82	LT/RT/CL	253	1013	1121	80			
US 24											
STA	15+00	TO	16+47	RT		147					
STA	25+00	TO	27+50	LI/RI		400	50				
RAMP A & D SUBTOTAL						1223	2004		260	0	
MAIN LINE AND RAMPS B & C SUBTOTAL					2700	14889	16358	3101	25	792	209
TOTALS					18812	18362	4413	1077	209	677	

TEMPORARY PAVEMENT MARKING - TYPE IV TAPE SCHEDULE											
LOCATION				TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE	TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SHORT TERM PAVEMENT MARKING REMOVAL	
				70307120	70307130	70307140	70307160	70307210	70307100	70300150	
				YELLOW	SKIP WHITE	WHITE	WHITE	WHITE	WHITE	SQ FT	
				FT	FT	FOOT	FOOT	FOOT	SQ FT		
STAGE I											
BUS 24											
STA	4+00	TO	10+14	RAMP A	LT	614				205	
STA	16+59	TO	17+44		LT/RT	102	28		29	26	132
STA	0+00	TO	1+24	RAMP D	LT/RT		170	135	121	296	
STA	2+12	TO	4+43		RT		231				116
STA	430+53	TO	436+00	EB BUS 24	RT		547			274	
US 24 EB											
STA	10+95	TO	13+35	RT		60	240			150	
STA	13+35	TO	15+86	RT			251		146	271	
STA	15+86	TO	16+74	RT			88			59	
STA	16+74	TO	18+24	RT		150				75	
US 24 WB											
STA	23+00	TO	26+45	RT		690				345	
STA	25+14	TO	26+66	LT	165					55	
STA	25+60	TO	26+84	RT			145	85	24	230	
STAGE II											
BUS 24											
STA	428+00	TO	430+53	RAMP C	LT	253				84	
STA	430+53	TO	436+00	EB BUS 24	LT	547				182	
STAGE III											
BUS 24											
STA	0+00	TO	3+00	RAMP B	RT		300			150	
STA	4+00	TO	7+96	RAMP A	RT		396			198	
RAMP A & D SUBTOTAL						881	2216	368	206	53	172
MAIN LINE AND RAMPS B & C SUBTOTAL					800	847	0	0	0	0	2131
TOTALS					1681	3063	368	206	53	172	(SEE SHORT TERM SCHEDULE)

TEMPORARY PAVEMENT AND CROSSOVER															
LOCATION				EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTH WORK BALANCE WASTE (+) OR SHORTAGE (-)	FURNISHED EXCAVATION	TOPSOIL FURNISH AND PLACE 4"	PAVED SHOULDER REMOVAL	TEMPORARY PAVEMENT	PAVEMENT REMOVAL	TRENCH BACKFILL	PIPE CULVERTS, CLASS D, TYPE 1 12" (TEMPORARY)	
				20200100	FOR INFORMATION ONLY				20400800	21101615	44004250	Z0062456	44000100	20800150	5421D012
US 24				CU YD	CU YD	CU YD	CU YD	CU YD	SQ YD	SQ YD	SQ YD	SQ YD	CU YD	FOOT	
PRE-STAGE															
* STA	15+50	TO	16+70	LT						147	198				
** STA	25+00	TO	27+20	LT/RT	5	4	109	-105	105	0	219	460	10.9	81	
STAGE III															
* STA	15+50	TO	16+70	LT					44			198			
** STA	25+00	TO	27+20	LT/RT	109	82	0	82	0	533		460			
BUS 24 (RAMP B)				LT/RT											
STA	12+49	TO	14+00	LT	6	4	0	4	0						
TOTALS					119	90	109	-19	105	577	366	658	658	11	81

* Includes Ramp D Quantities.

** Includes Ramp A Quantities.

MODEL - Schedule (Sheet) - 3
FILE NAME: c:\pwwork\dwg\covarrubias\1025494\1025494-3-sht-schedule.dgn

USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		SCALE:	SHEET 3	OF 4	SHEETS	STA.	TAZEWELL	96	23	
PLOT DATE = 3/25/2026	CHECKED -	REVISED -		DATE	TO STA.				ILLINOIS	FED. AID PROJECT	CONTRACT NO. 68J15	

PAVEMENT MAKING SCHEDULE																							
LOCATION					MODIFIED URETHANE PAVEMENT MARKING - LINE 4"		GROOVING FOR RECESSED PAVEMENT MARKING 5"	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	GROOVING FOR RECESSED PAVEMENT MARKING 25"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	CURB REFLECTORS			
					78009004		78011025	78009006	78011035	78009008	78011045	78009012		78011065	78009024	78011125	78009000	78011000	78100100	78300200	78200020		
BUS 24					SKIP WHITE	YELLOW	FT	WHITE	FT	WHITE	FOOT	FOOT	WHITE	FOOT	FOOT	WHITE	SQ FT	SQ FT	EACH	EACH	EACH		
STA	0+00	TO	3+34	RAMP A	LT/RT			334	334														
STA	3+34	TO	10+12		LT/RT/GORE			678	678	1312	1312		260	260						33	33		
STA	10+12	TO	17+92		LT/RT		780	780	780	780													
STA	0+00	TO	23+30	RAMP B	LT/RT		2330	2330	2113	2113													
STA	7+20	TO	13+54	RAMP C	LT/RT		634	634	634	634										16	16		
STA	0+00	TO	3+16	RAMP D	LT/RT		316	316	212	212													
STA	3+16	TO	4+43		LT/RT		127	127															
STA	426+29	TO	428+15	EB	LT/RT/CL		186	186	186	186										5	5		
STA	428+15	TO	430+53		LT/RT/CL	32		32	222	222	228	228		14	14						9	9	
STA	430+53	TO	440+16		LT/RT/CL	466	1863	2329	1863	1863											23	23	
STA	449+22	TO	459+58		LT/RT/CL	259	1036	1295	1167	1167											13	13	
STA	459+58	TO	463+54		LT/RT/CL	99	496	595	912	912	140	140		46	46	12	12	162	162		14	14	11
STA	463+54	TO	473+38		LT/RT/CL	246	984	1230	1113	1113											12	12	
STA	473+38	TO	478+85		LT/RT/CL	110	628	738	910	910	1244	1244		325	325	105	105	156	156		31	31	57
STA	478+85	TO	493+45		LT/RT/CL	365	1460	1825	1742	1742								94	94		24	24	
STA	442+24	TO	445+92	WB	LT/RT/CL		463	463															
STA	445+92	TO	449+22		LT/RT/CL	83	330	413													4	4	
STA	449+22	TO	460+34		LT/RT/CL	278	1112	1390	1112	1112											14	14	
STA	460+34	TO	465+25		LT/RT/CL	123	410	533	1036	1036	139	139		47	47	12	12	94	94		16	16	11
STA	465+25	TO	475+27		LT/RT/CL	251	1002	1253	1109	1109											13	13	
STA	475+27	TO	481+69		LT/RT/CL	137	942	1079	1118	1118	1270	1270	25	360	385	80	80	172	172		35	35	54
STA	481+69	TO	491+82		LT/RT/CL	253	1013	1266	1121	1121	80	80									15	15	
RAMP A & D SUBTOTAL						0	1223	1223	2004	2004	1312	1312	0	260	260	0	0	0	0	33	33	0	
MAIN LINE AND RAMPS B & C SUBTOTAL						2700	14889	17589	16358	16358	3101	3101	25	792	817	209	209	677	677	243	243	133	
TOTALS						18812	18812	18362	18362	4413	4413	1077	1077	209	209	677	677	276	276	133			

PERMANENT SIGNS SCHEDULE													
LOCATION					NOTES				SIZE	72000100	72400310	72400710	72800100
										SIGN PANEL - TYPE 1	REMOVE SIGN PANEL - TYPE 1	RELOCATE SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
									SQ FT	SQ FT	SQ FT	FOOT	
RAMP A	STA.	16+59	LT		INSTALL R5-1 (DO NOT ENTER) SIGN				36" X 36"	9			16
US 24- EB	STA.	26+49	RT		REMOVE EXISTING R3-1 (NO RIGHT TURN) IN STAGE I; RELOCATE IN STAGE III					9			
US 24- EB	STA.	25+71	RT		RELOCATE R3-1 (NO RIGHT TURN) IN STAGE III; SIGN SUPPORT INSTALLED IN STAGE I						9	16	
SIGNS FROM TEMPORARY SIGNALS PLANS									8				
RAMP A & D SUBTOTAL									9	9	9	32	
SN 090-0124 SUBTOTAL									8				
TOTALS									17	9	9	32	

TRAFFIC CONTROL AND PROTECTION SCHEDULE								
LOCATION:		70100320	70100325	70100420	70100820	70100825	70102635	X7010216
		STD 701422	STD 701423	STD 701411	STD 701451	STD 701456	STD 701701	(SPECIAL)
		L SUM	EACH	EACH	L SUM	L SUM	L SUM	L SUM
US 24 / BUS 24		1	1	1	1	1	1	1
TOTALS		1	1	1	1	1	1	1

MODEL - Schedule (Sheet) - 4
 FILE NAME - c:\p\work\pav\covarrubias\1025494\1025494-15-sht-schedule.dgn

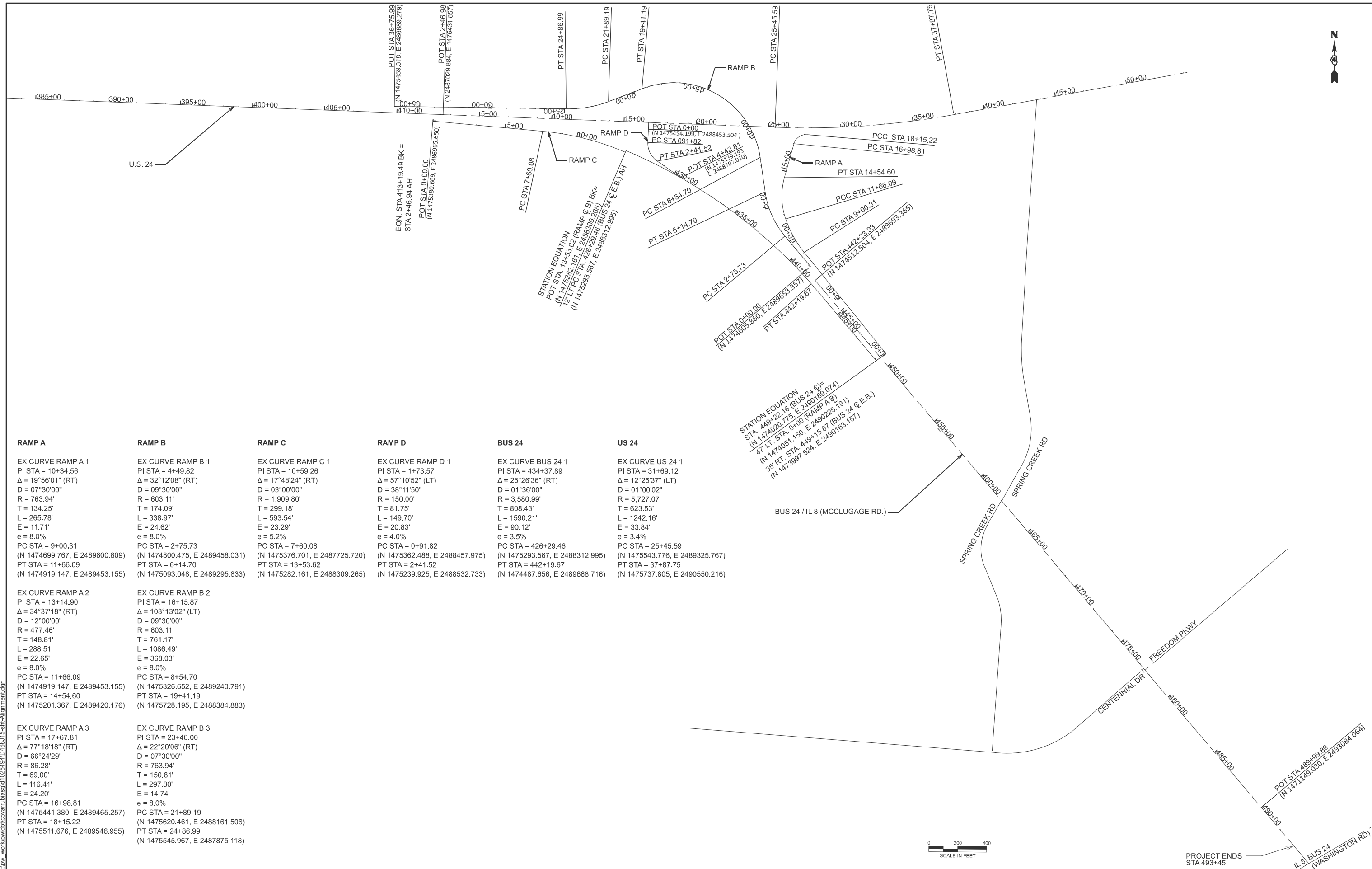
USER NAME - Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE - 3/25/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

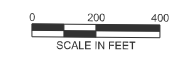
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18H)BRR:35RS-12;17RS-8	TAZEWELL	96	24
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



RAMP A	RAMP B	RAMP C	RAMP D	BUS 24	US 24
EX CURVE RAMP A 1 PI STA = 10+34.56 Δ = 19°56'01" (RT) D = 07°30'00" R = 763.94' T = 134.25' L = 265.78' E = 11.71' e = 8.0% PC STA = 9+00.31 (N 1474699.767, E 2489600.809) PT STA = 11+66.09 (N 1474919.147, E 2489453.155)	EX CURVE RAMP B 1 PI STA = 4+49.82 Δ = 32°12'08" (RT) D = 09°30'00" R = 603.11' T = 174.09' L = 338.97' E = 24.62' e = 4.0% PC STA = 2+75.73 (N 1474800.475, E 2489458.031) PT STA = 6+14.70 (N 1475093.048, E 2489295.833)	EX CURVE RAMP C 1 PI STA = 10+59.26 Δ = 17°48'24" (RT) D = 03°00'00" R = 1,909.80' T = 299.18' L = 593.54' E = 23.29' e = 8.0% PC STA = 7+60.08 (N 1475362.488, E 2488312.995) PT STA = 13+53.62 (N 1475282.161, E 2488309.265)	EX CURVE RAMP D 1 PI STA = 1+73.57 Δ = 57°10'52" (LT) D = 38°11'50" R = 150.00' T = 81.75' L = 149.70' E = 20.83' e = 4.0% PC STA = 0+91.82 (N 1475362.488, E 2488312.995) PT STA = 2+41.52 (N 1475239.925, E 2488532.733)	EX CURVE BUS 24 1 PI STA = 434+37.89 Δ = 25°28'36" (RT) D = 01°36'00" R = 3,580.99' T = 808.43' L = 1590.21' E = 90.12' e = 3.5% PC STA = 426+29.46 (N 1475293.567, E 2488312.995) PT STA = 442+19.67 (N 1474487.656, E 2489668.716)	EX CURVE US 24 1 PI STA = 31+69.12 Δ = 12°25'37" (LT) D = 01°00'02" R = 5,727.07' T = 623.53' L = 1242.16' E = 33.84' e = 3.4% PC STA = 25+45.59 (N 1475543.776, E 2489325.767) PT STA = 37+87.75 (N 1475737.805, E 2490550.216)

EX CURVE RAMP A 2 PI STA = 13+14.90 Δ = 34°37'18" (RT) D = 12°00'00" R = 477.46' T = 148.81' L = 288.51' E = 22.65' e = 8.0% PC STA = 11+66.09 (N 1474919.147, E 2489453.155) PT STA = 14+54.60 (N 1475201.367, E 2489420.176)	EX CURVE RAMP B 2 PI STA = 16+15.87 Δ = 103°13'02" (LT) D = 09°30'00" R = 603.11' T = 761.17' L = 1086.49' E = 368.03' e = 8.0% PC STA = 8+54.70 (N 1475326.652, E 2489240.791) PT STA = 19+41.19 (N 1475728.195, E 2488384.883)
--	--

EX CURVE RAMP A 3 PI STA = 17+67.81 Δ = 77°18'18" (RT) D = 66°24'29" R = 86.28' T = 69.00' L = 116.41' E = 24.20' PC STA = 16+98.81 (N 1475441.380, E 2489465.257) PT STA = 18+15.22 (N 1475511.676, E 2489546.955)	EX CURVE RAMP B 3 PI STA = 23+40.00 Δ = 22°20'06" (RT) D = 07°30'00" R = 763.94' T = 150.81' L = 297.80' E = 14.74' e = 8.0% PC STA = 21+89.19 (N 1475620.461, E 2488161.506) PT STA = 24+86.99 (N 1475545.967, E 2487875.118)
--	--



PROJECT ENDS
STA 493+45

MODEL: ALIGNMENT SHEET
FILE NAME: c:\p\work\w\il8\covarubias\1025494\15-shr-alignment.dgn

USER NAME = Gerardo.Covarubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/23/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

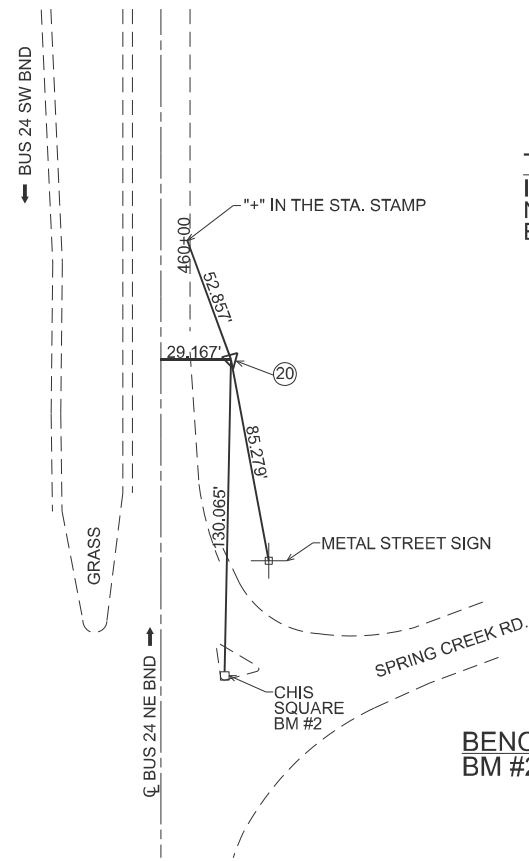
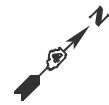
ALIGNMENT

SCALE: SHEET 1 OF 52 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18H)BRR:35RS-12;17RS-8	TAZEWELL	96	25

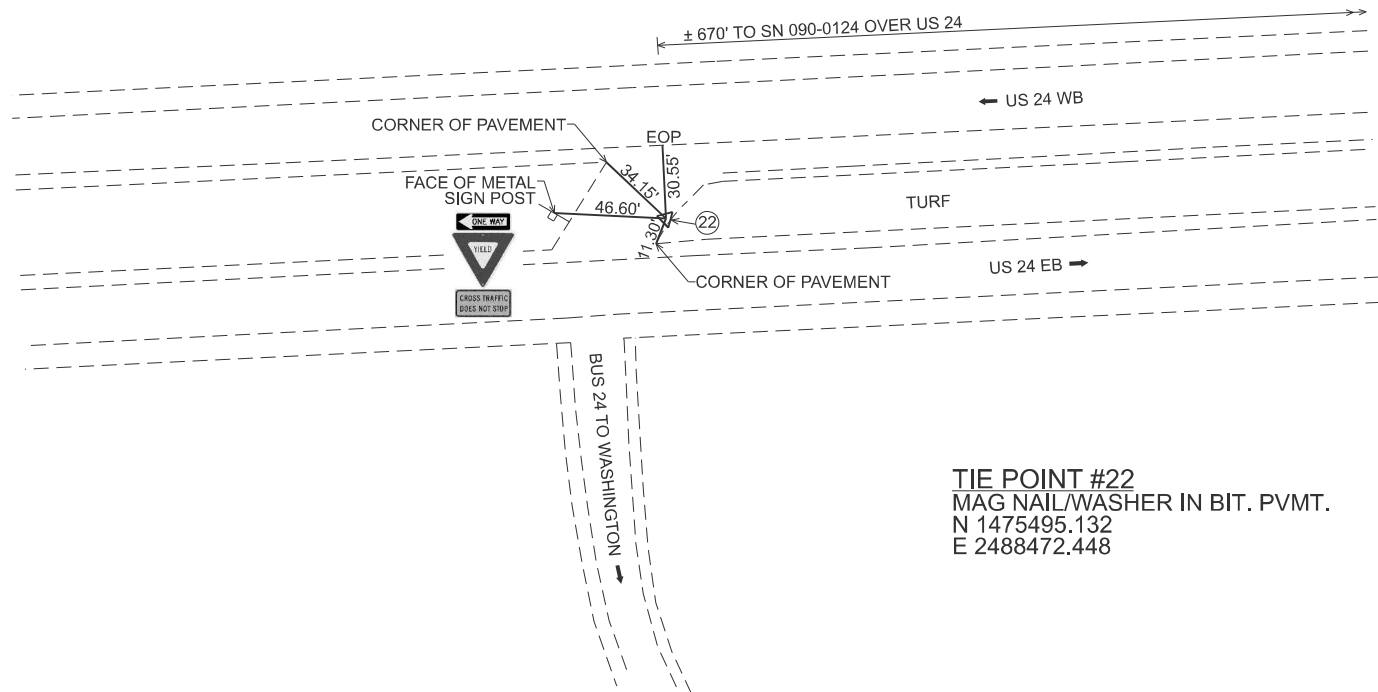
CONTRACT NO. 68J15

ILLINOIS FED. AID PROJECT

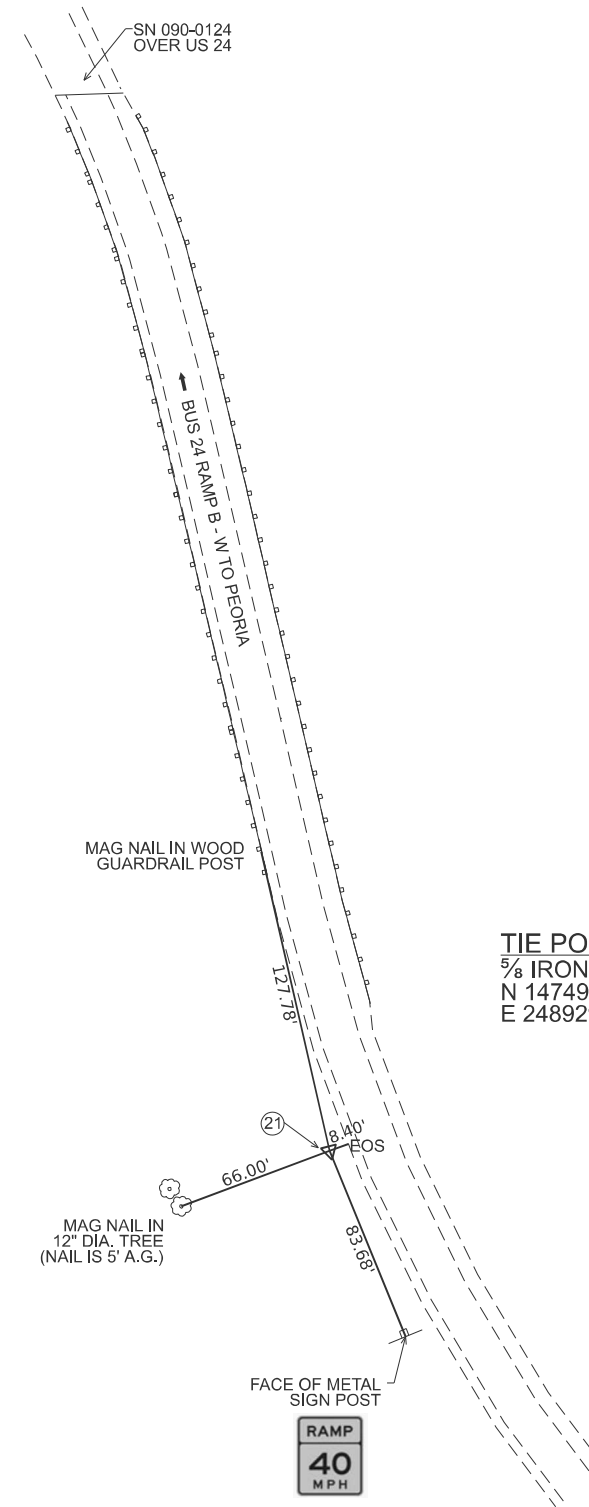


TIE POINT #20
 I.P. W/Y.C.
 N 1473271.931
 E 2491034.912

BENCHMARK DATA:
 BM #2 CHIS SQUARE ON (MOST SOUTHERLY) NOSE OF
 TRIANGULAR CONCRETE ISLAND ON THE EAST SIDE OF THE
 INT. OF BUS 24 (MCCLUGAGE RD 26300N)
 & SPRING CREEK RD 25000E.
 ELEVATION 807.556



TIE POINT #22
 MAG NAIL/WASHER IN BIT. PVMT.
 N 1475495.132
 E 2488472.448



TIE POINT #21
 5/8 IRON PIN W/YELLOW IDOT CAP
 N 1474989.807
 E 2489298.131

MODEL: TIES AND BENCHMARKS (Sheet)
 FILE NAME: c:\p\work\pvt\covarubias\1025495\046615-Design.dgn

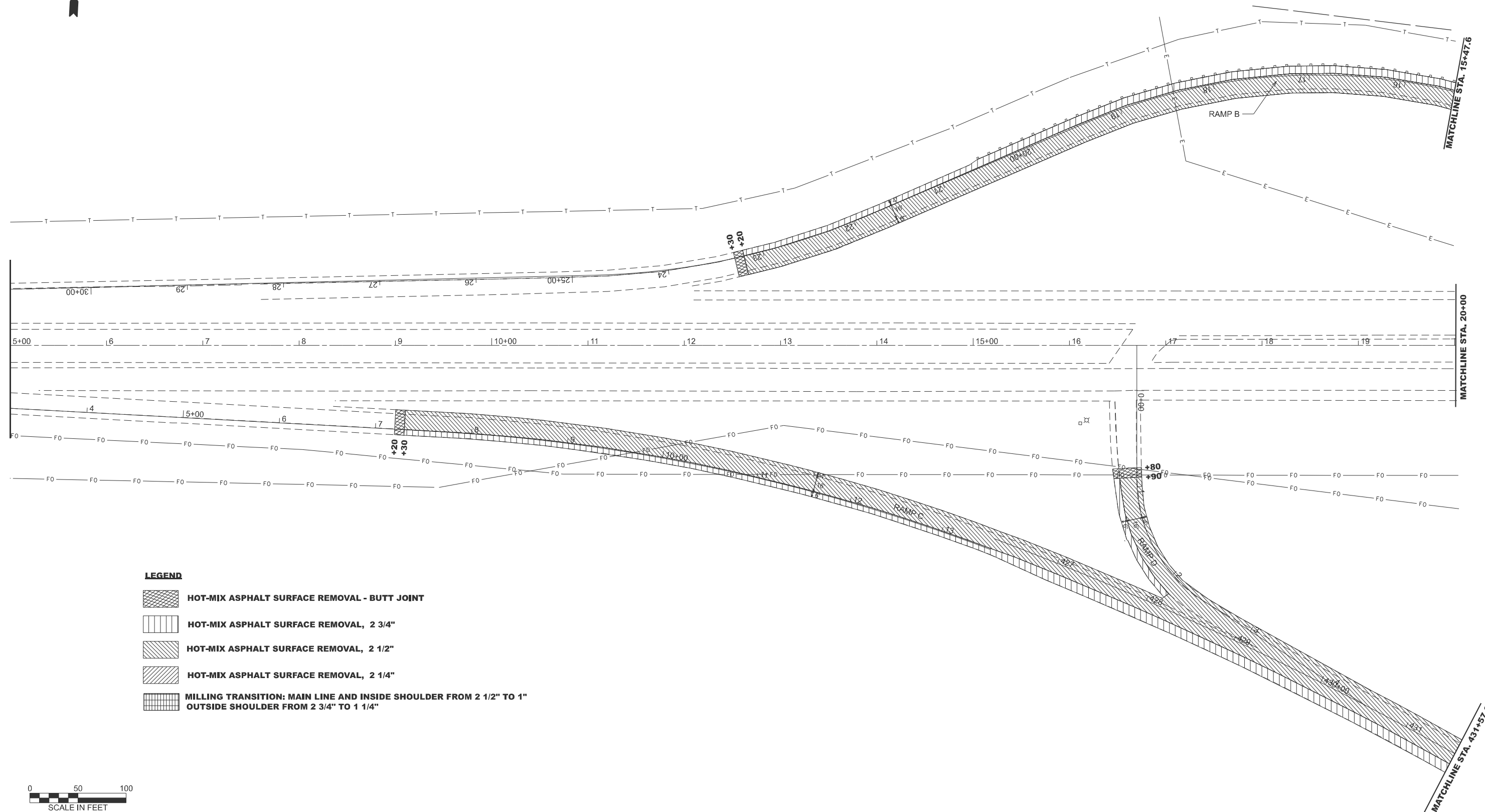
USER NAME = Gerardo.Covarubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION






TIES AND BENCHMARKS

SCALE: SHEET OF 52 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB\BRR\35RS-12;17RS-8	TAZEWELL	96	26
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



LEGEND

-  **HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT**
-  **HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"**
-  **HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"**
-  **HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"**
-  **MILLING TRANSITION: MAIN LINE AND INSIDE SHOULDER FROM 2 1/2" TO 1" OUTSIDE SHOULDER FROM 2 3/4" TO 1 1/4"**



MODEL: Removal US 24-BUS 24- 1 (Sheet)
 FILE NAME: c:\p\work\wv\covarubias\1025494\468\15-sth-Removal.dgn

USER NAME = Gerardo.Covarubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -






**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

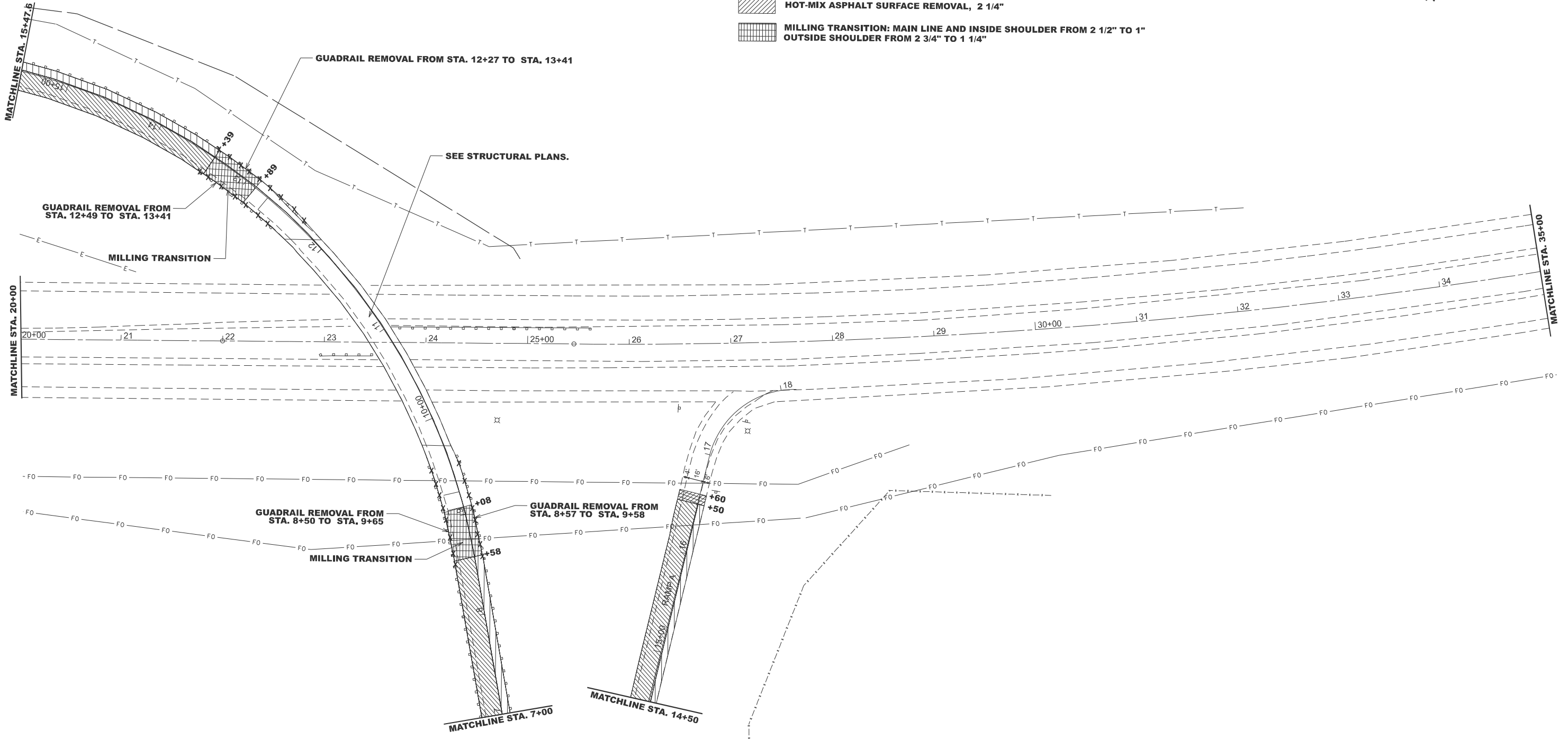
REMOVAL PLAN SHEET

SCALE: 1"=50' SHEET 1 OF 7 SHEETS STA. 5+00.00 TO STA. 20+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB(BRR;35RS-12;17RS-8)	TAZEWELL	96	27
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

LEGEND

-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
-  MILLING TRANSITION: MAIN LINE AND INSIDE SHOULDER FROM 2 1/2" TO 1" OUTSIDE SHOULDER FROM 2 3/4" TO 1 1/4"



MODEL: Removal US 24-BUS 24- 2 (Sheet)
 FILE NAME: c:\p\work\covarubias\1025494\15-sth-Removal.dgn

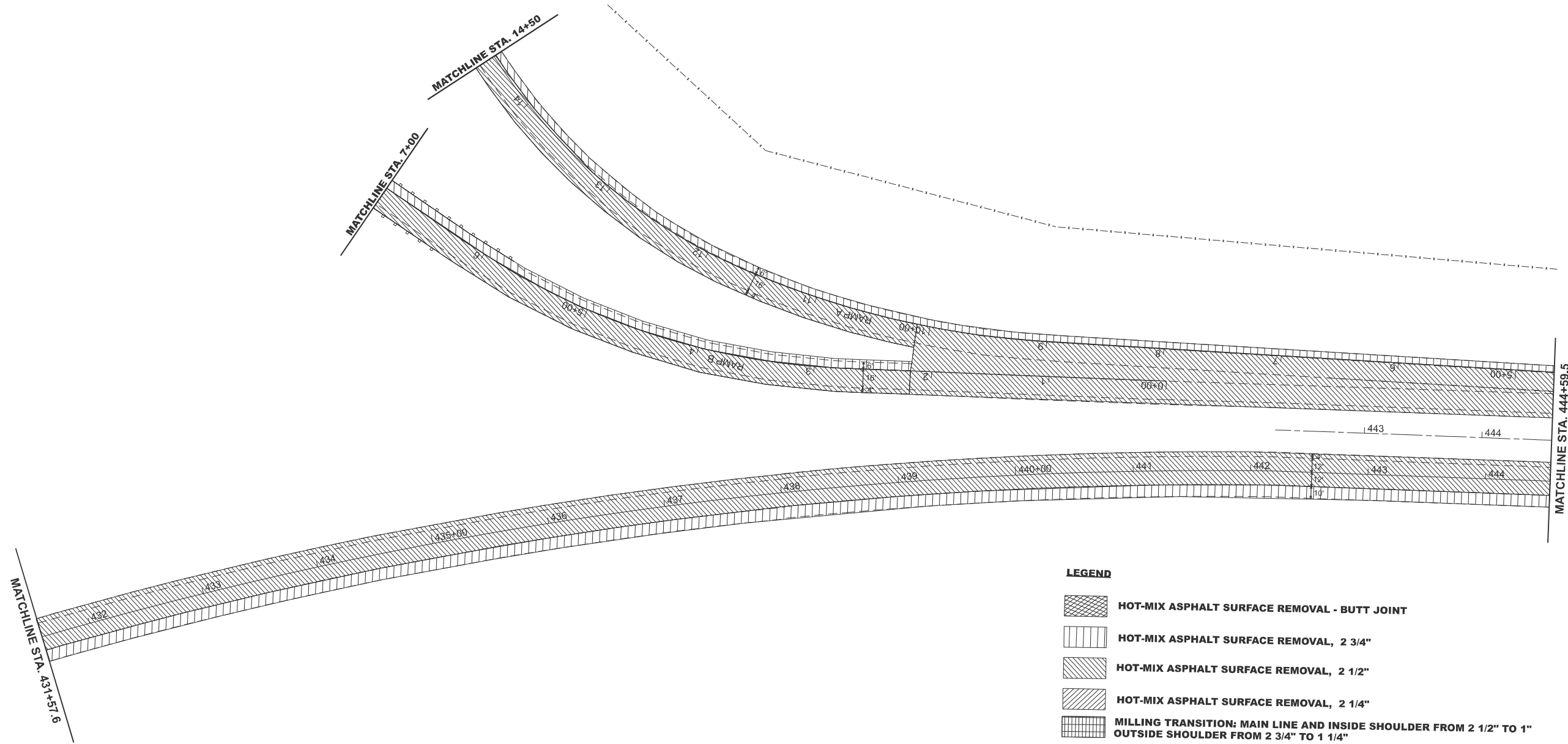
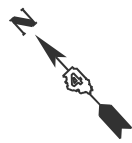
USER NAME = Gerardo.Covarubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






REMOVAL PLAN SHEET

SCALE: 1"=50' SHEET 2 OF 7 SHEETS STA. 20+00.00 TO STA. 35+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR:35RS-12;17RS-8	TAZEWELL	96	28
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



LEGEND

-  **HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT**
-  **HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"**
-  **HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"**
-  **HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"**
-  **MILLING TRANSITION: MAIN LINE AND INSIDE SHOULDER FROM 2 1/2" TO 1" OUTSIDE SHOULDER FROM 2 3/4" TO 1 1/4"**



MODEL: Removal BUS 24-41 Sheet1
 FILE NAME: c:\pawork\pawork\covarrubias\1025494\1025494-15-sh1-Removal.dgn

USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -






**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

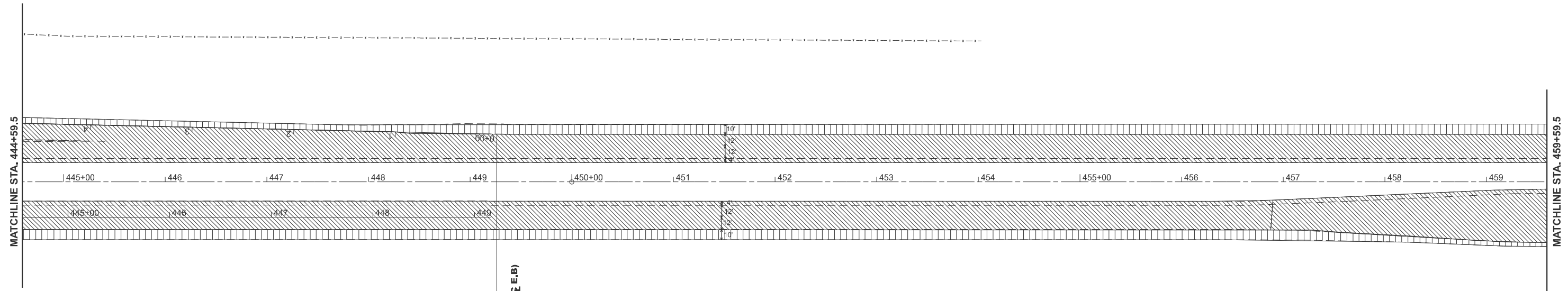
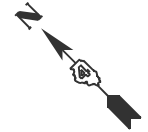
REMOVAL PLAN SHEET

SCALE: 1"=50' SHEET 3 OF 7 SHEETS STA. 18+19.67 TO STA. 33+19.67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	29
CONTRACT NO. 68J15				
		ILLINOIS	FED. AID PROJECT	

LEGEND

-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
-  MILLING TRANSITION: MAIN LINE AND INSIDE SHOULDER FROM 2 1/2" TO 1"



STATION EQUATION
STA. 449+22.16 (BUS 24 C) =
47' LT. STA. 0+00 (RAMP A B)
35' RT. STA. 449+15.87 (BUS 24 C E.B)

MODEL: Removal BUS 24 - 5 (Sheet)
 FILE NAME: c:\p\work\wtd\covarrubias\1025494\468\15-sth-Removal.dgn



USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






REMOVAL PLAN SHEET

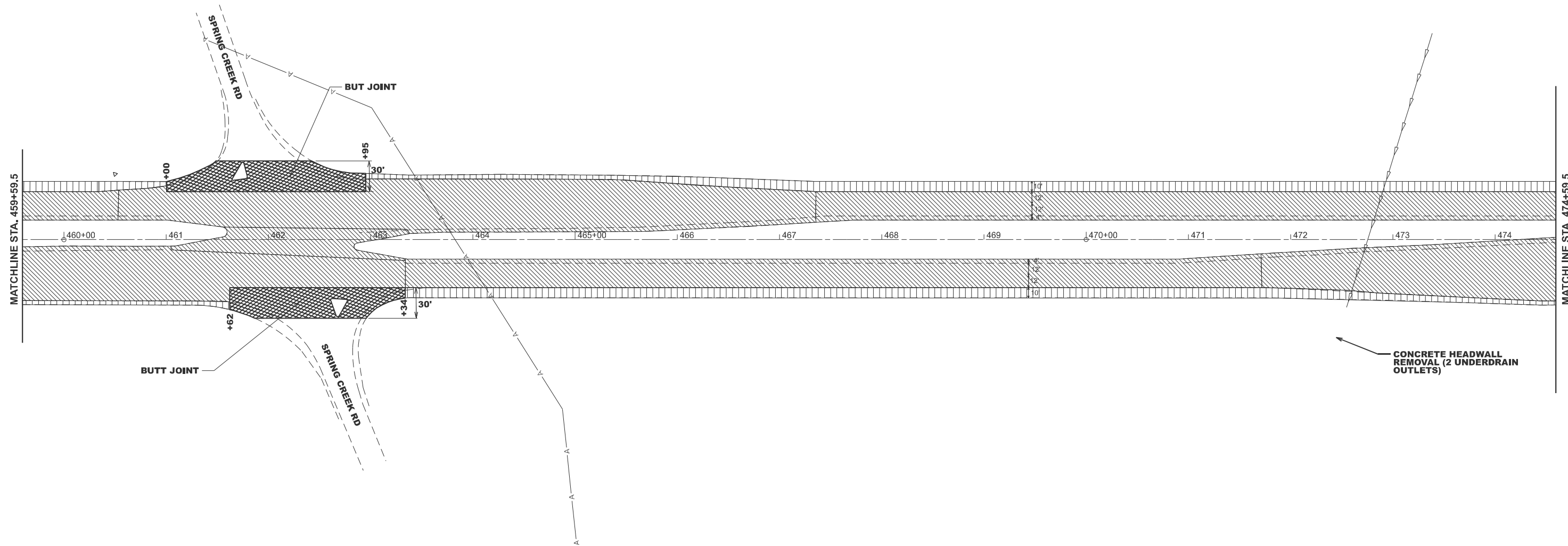
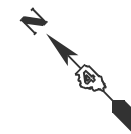
SCALE: 1"=50' SHEET 4 OF 7 SHEETS STA. 33+19.67 TO STA. 48+19.67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	30
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

NOTE: BUTT JOINT MILLING ON SIDEROADS SHALL BE 2" DEEP.

LEGEND

-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
-  MILLING TRANSITION: MAIN LINE AND INSIDE SHOULDER FROM 2 1/2" TO 1 1/4"
OUTSIDE SHOULDER FROM 2 3/4" TO 1"



MODEL: Removal BUS 24 - 6 (Sheet)
 FILE NAME: c:\p\work\161025494\15-sh1-Removal.dgn

USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/23/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






REMOVAL PLAN SHEET

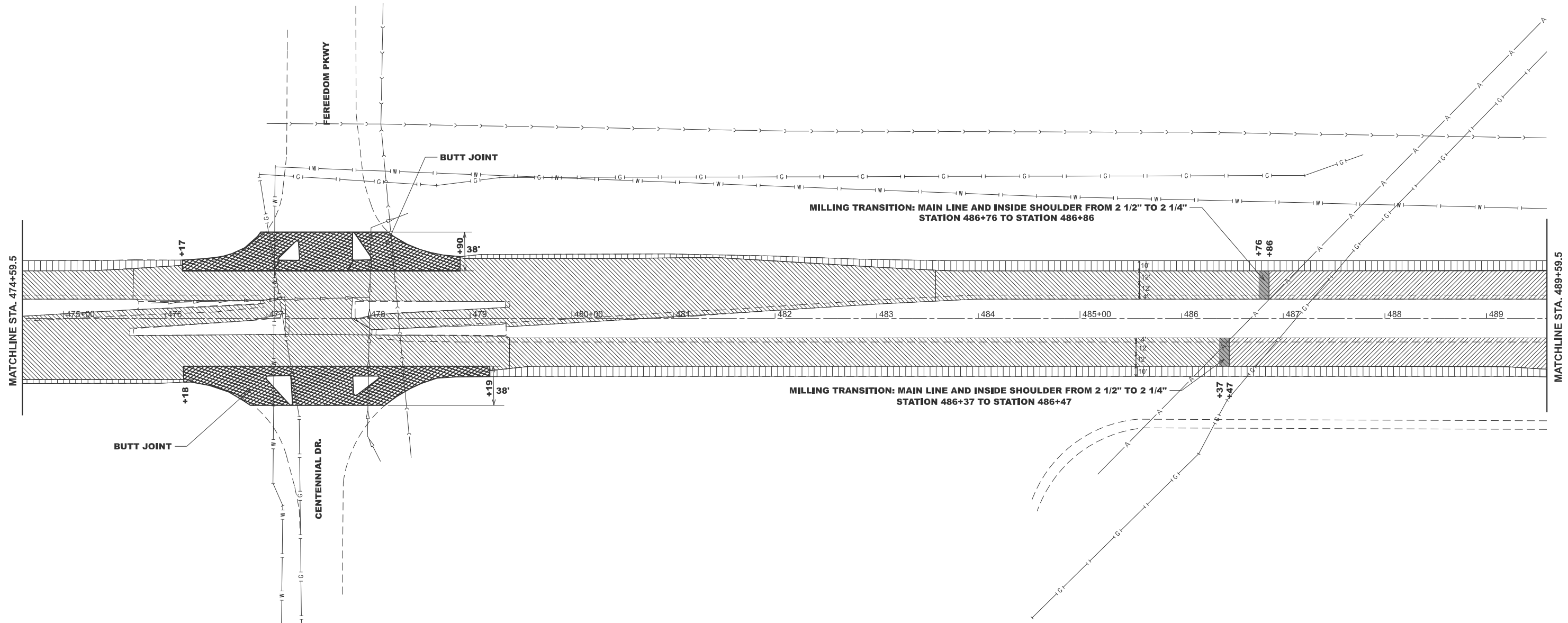
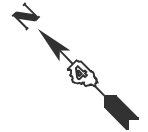
SCALE: 1"=50' SHEET 5 OF 7 SHEETS STA. 48+19.67 TO STA. 63+19.67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	31
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

NOTE:
 BUTT JOINT MILLING ON SIDEROADS SHALL BE 2" DEEP.
 START BUTT JOINT AT START OF CURB & GUTTER.

LEGEND

-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
-  MILLING TRANSITION: MAIN LINE AND INSIDE SHOULDER FROM 2 1/2" TO 1"
 OUTSIDE SHOULDER FROM 2 3/4" TO 1 1/4"



MODEL: Removal BUS 24 - 7 Sheet
 FILE NAME: c:\pawork\pawork\covarrubias\1025494\1025494-Removal.dgn



USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -

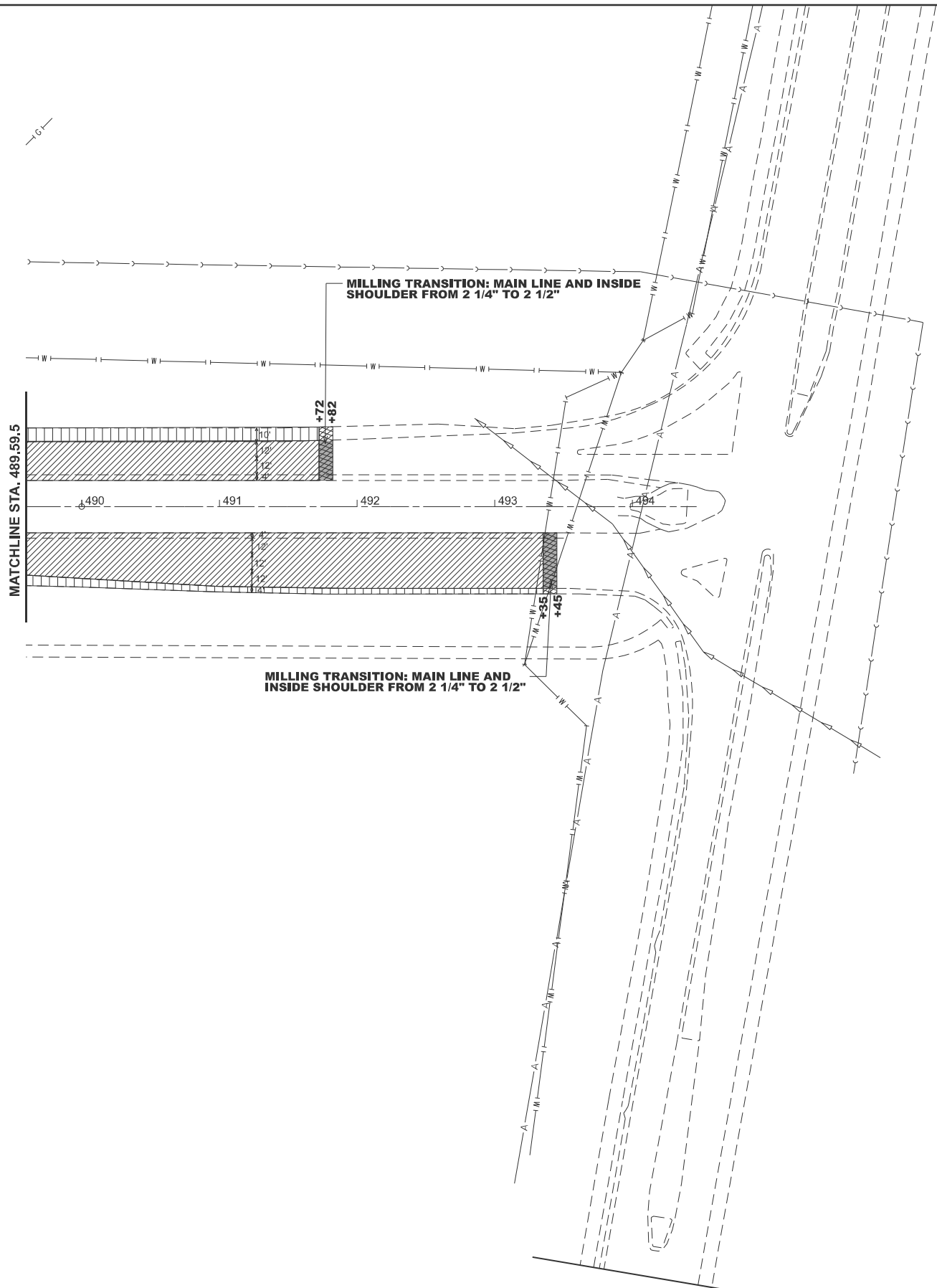
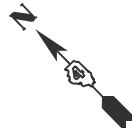
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN SHEET






SCALE: 1"=50' SHEET 6 OF 7 SHEETS STA. 63+19.67 TO STA. 78+19.67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	32
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

10'



LEGEND

-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
-  MILLING TRANSITION: MAIN LINE AND INSIDE SHOULDER FROM 2 1/2" TO 1" OUTSIDE SHOULDER FROM 2 3/4" TO 1 1/4"



MODEL: Removal BUS 24-8 (Sheet)
 FILE NAME: c:\p\work\p\road\covarrubias\1025494\48815-sth-Removal.dgn

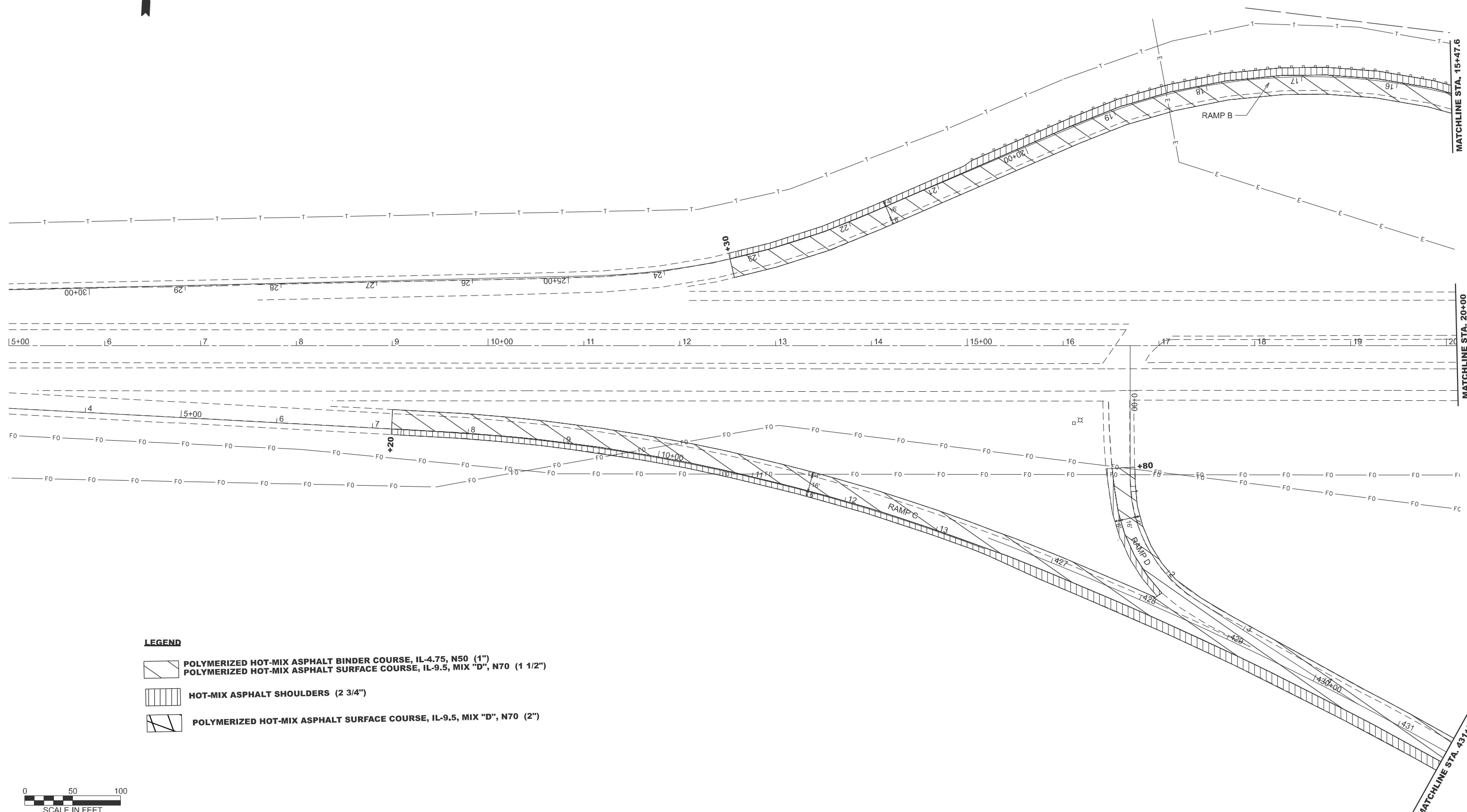
USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN SHEET

SCALE: 1"=50' SHEET 7 OF 7 SHEETS STA. 78+19.67 TO STA. 93+19.67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	33
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



LEGEND

- POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (1")
- POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2")
- HOT-MIX ASPHALT SHOULDERS (2 3/4")
- POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (2")



MODEL: Proposed US 24-RUS 24-1 (Sheet)
 FILE NAME: c:\pwworking\covarrubiasj\1025494\15-sth-Plan.dgn

USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN SHEET





SCALE: 1"=50' SHEET 1 OF 7 SHEETS STA. 5+00.00 TO STA. 20+00.00

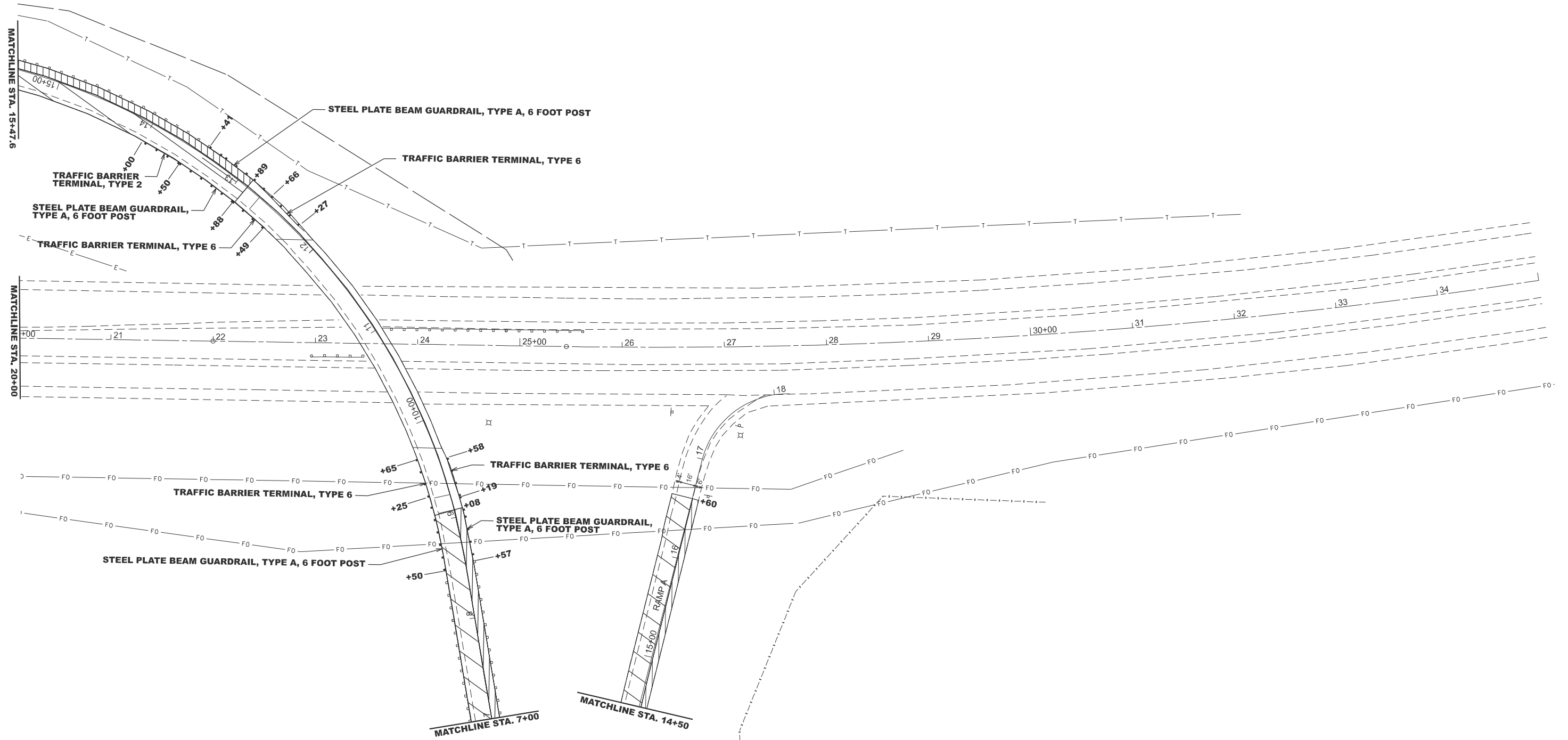
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB(BRR:35RS-12;17RS-8	TAZEWELL	96	34
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 23+57.6



LEGEND

-  POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (1")
-  POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2")
-  HOT-MIX ASPHALT SHOULDERS (2 3/4")
-  POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (2")



MODEL: Proposed US 24-RUS 24 - 2 (Sheet)
 FILE NAME: c:\p\work\project\covarubias\1025494\15-sh-Plan.dgn

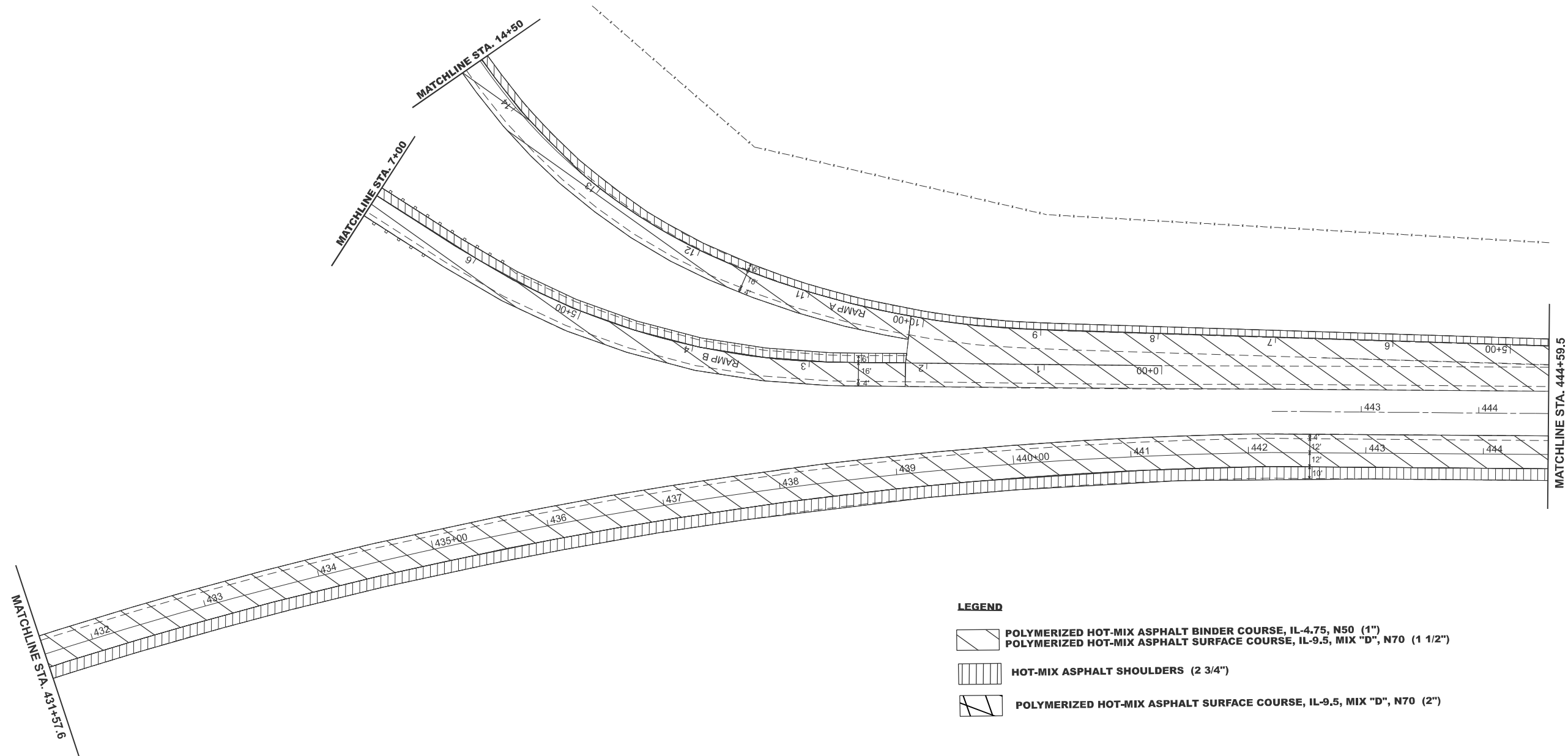
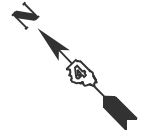
USER NAME = Gerardo.Covarubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**





PROPOSED PLAN SHEET

SCALE: 1"=50' SHEET 2 OF 7 SHEETS STA. 20+00.00 TO STA. 35+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB(BRR:35RS-12;17RS-8	TAZEWELL	96	35
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



LEGEND

-  POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (1")
-  POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2")
-  HOT-MIX ASPHALT SHOULDERS (2 3/4")
-  POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (2")



MODEL: Proposed BUS 24 - 4 [Sheet]
 FILE NAME: c:\pwwork\gerardo\covarubias\1025494\1025494-15-sth-Plan.dgn

USER NAME = Gerardo.Covarubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/23/2026	DATE -	REVISED -




**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

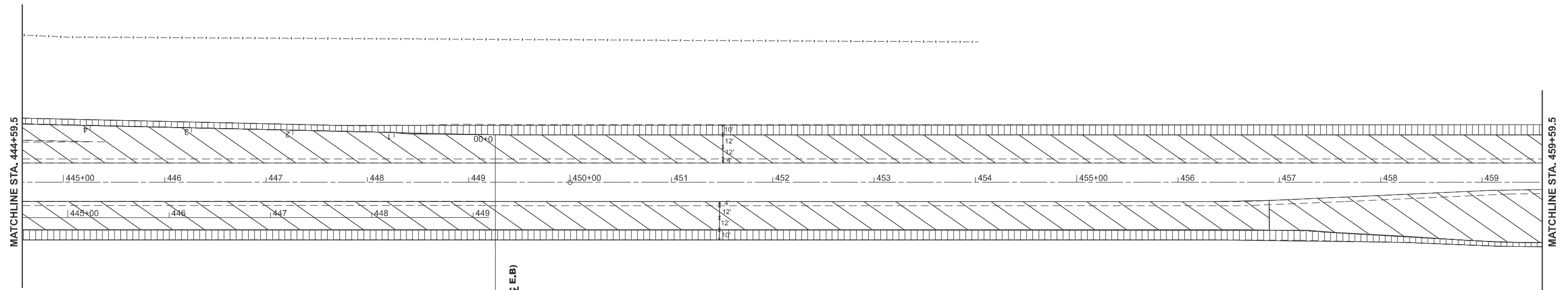
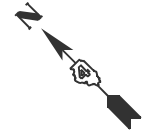
PROPOSED PLAN SHEET

SCALE: 1"=50' SHEET 3 OF 7 SHEETS STA. 18+19.67 TO STA. 33+19.67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	36
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

LEGEND

-  POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (1")
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2")
-  HOT-MIX ASPHALT SHOULDERS (2 3/4")
-  POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (2")



STATION EQUATION
STA. 449+22.16 (BUS 24 C) =
47' LT. STA. 0+00 (RAMP A B)
35' RT. STA. 449+15.87 (BUS 24 C E.B)



MODEL: Proposed BUS 24 - 5 (Sheet)
 FILE NAME: c:\p\work\1025494\1025494\15-sth-Plan.dgn

USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/25/2026	DATE -	REVISED -





**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

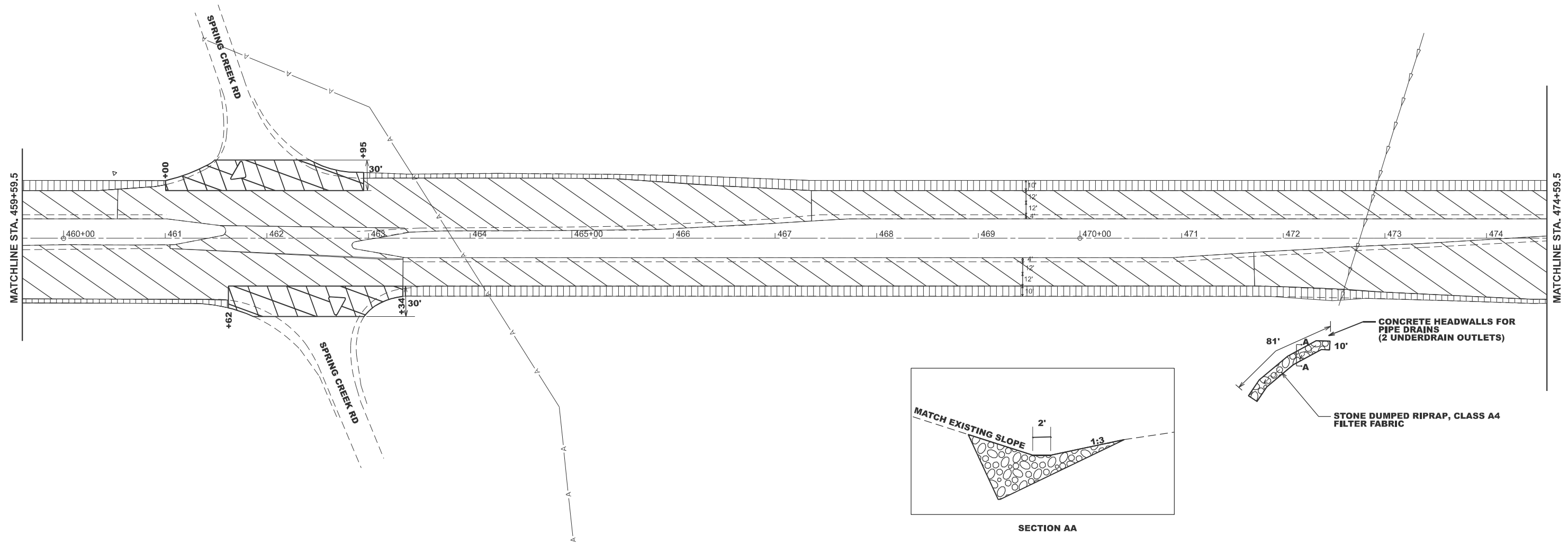
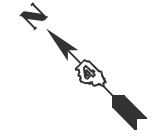
PROPOSED PLAN SHEET

SCALE: 1"=50' SHEET 4 OF 7 SHEETS STA. 33+19.67 TO STA. 48+19.67

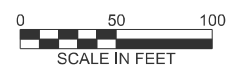
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	37
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

LEGEND

-  POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (1")
-  POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2")
-  HOT-MIX ASPHALT SHOULDERS (2 3/4")
-  POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (2")



MODEL: Proposed BUS 24 - 6 [Sheet]
 FILE NAME: c:\p\work\12\12covarubias\1025494\1025494\15-sth-Plan.dgn



USER NAME = Gerardo.Covarubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/25/2026	DATE -	REVISED -





**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

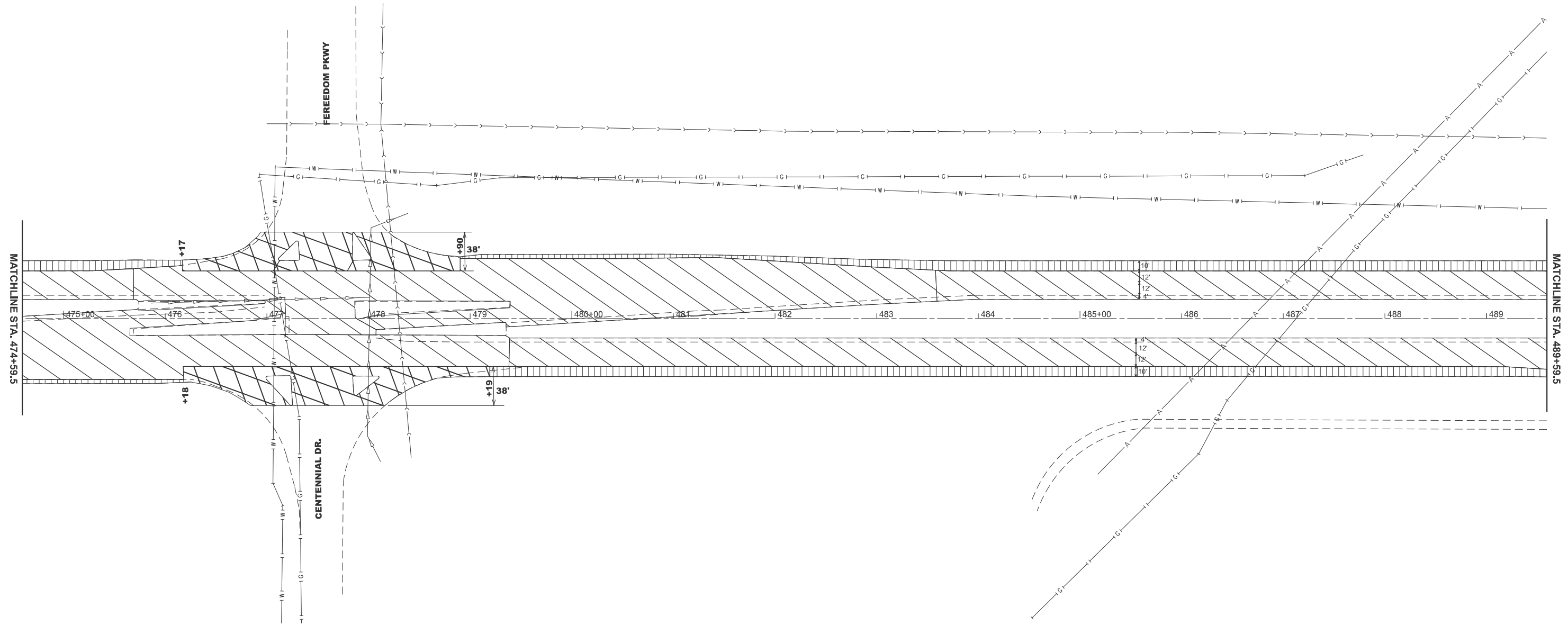
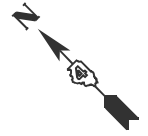
PROPOSED PLAN SHEET

SCALE: 1"=50' SHEET 5 OF 7 SHEETS STA. 48+19.67 TO STA. 63+19.67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB(BRR;35RS-12;17RS-8	TAZEWELL	96	38
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

LEGEND

-  POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (1")
-  POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2")
-  HOT-MIX ASPHALT SHOULDERS (2 3/4")
-  POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (2")



MODEL: Proposed BUS 24 - 7 [Sheet]
 FILE NAME: c:\p\work\121025494\1025494\15-sh1-Plan.dgn

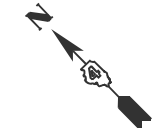
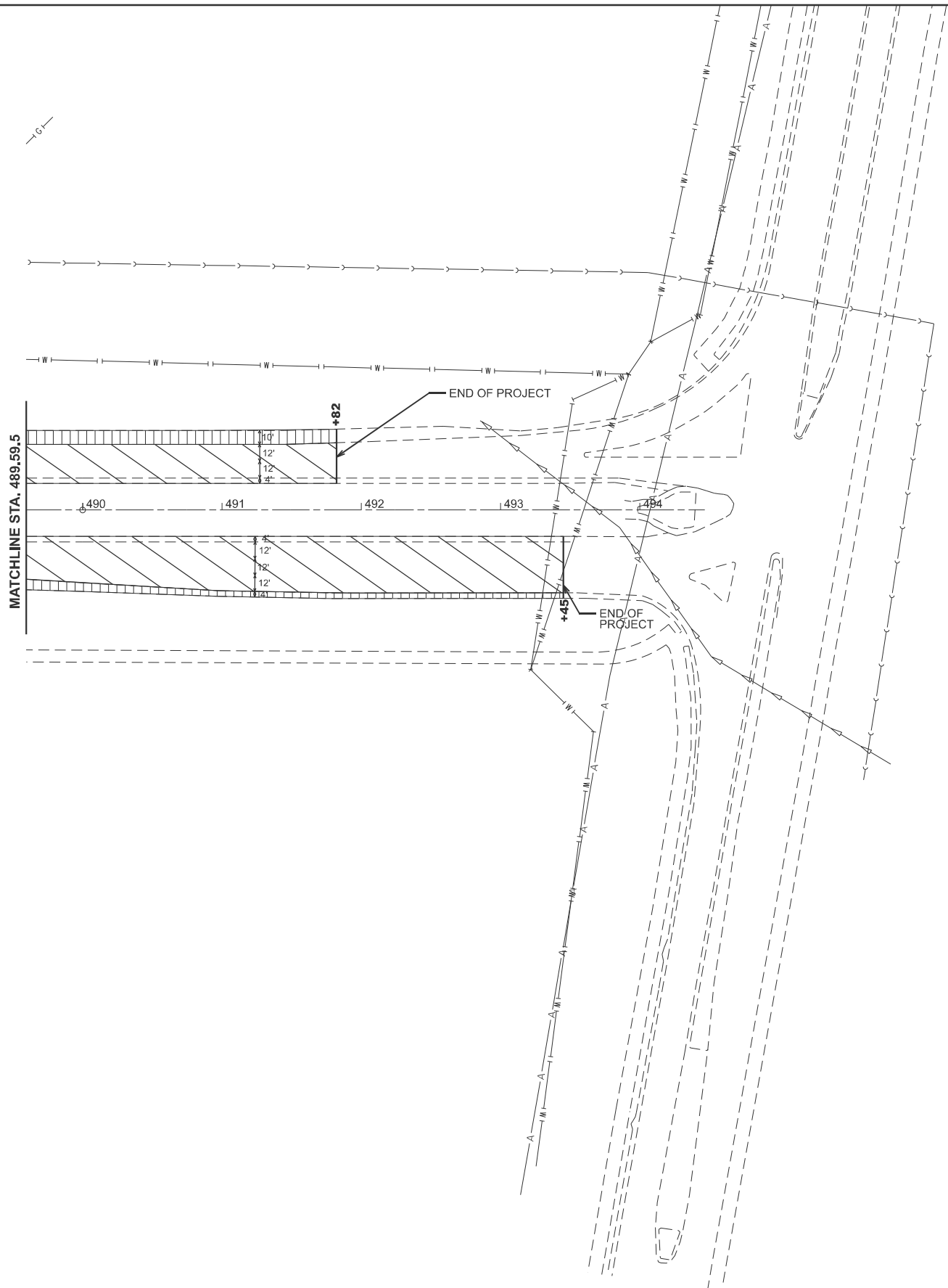
USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




PROPOSED PLAN SHEET

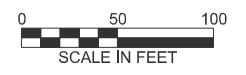
SCALE: 1"=50' SHEET 6 OF 7 SHEETS STA. 63+19.67 TO STA. 78+19.67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	39
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



LEGEND

-  POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (1")
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2")
-  HOT-MIX ASPHALT SHOULDERS (2 3/4")
-  POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (2")



MODEL: Proposed BUS 24 - 8 [Sheet]
 FILE NAME: c:\p\work\pav\covarubias\1025494\48815-sth-Plan.dgn

USER NAME = Gerardo.Covarubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN SHEET

SCALE: 1"=50' SHEET 7 OF 7 SHEETS STA. 78+19.67 TO STA. 93+19.67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	40
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

Staging and Traffic Control Notes

When temporary striping is shown on the traffic control standards, the cost of the temporary pavement marking and its removal will be included in the cost of the standard (in accordance with Section 703 of the Standard Specifications). When temporary striping shown on the staging details is not shown on a standard, that temporary striping and its removal will be measured for payment.

The staging details focus on the US 24 / BUS 24 interchange. Traffic Control and Protection Standards 701422 and 701701 shall be used for the proposed work on BUS 24 and the sideroads. Traffic Control and Protection Standard 701411 shall be used for westbound BUS 24 traffic at the east end of the project (near Washington Rd.).

Once a lane is milled, no adjacent lane shall be milled until the milled lane is completely resurfaced. The intent is to prevent the need for "mill wide / pave wide" and joint trimming operations.

The left shoulder shall be resurfaced simultaneously with the resurfacing of the adjacent lane.

The right shoulder shall not be milled until the adjacent lane has been milled and resurfaced. The intent is to prevent the need for "mill wide / pave wide" and joint trimming operations.

These details are a suggested staging plan. The contractor shall submit any requests for changes to the staging and traffic control to the Engineer in writing. No changes shall be made without written approval from the Engineer.

MODEL: Stage | BUS 24 - 5 (Sheet)
FILE NAME: c:\p\work\wtd\covarrubias\1025494\15-sth-Stage.dgn

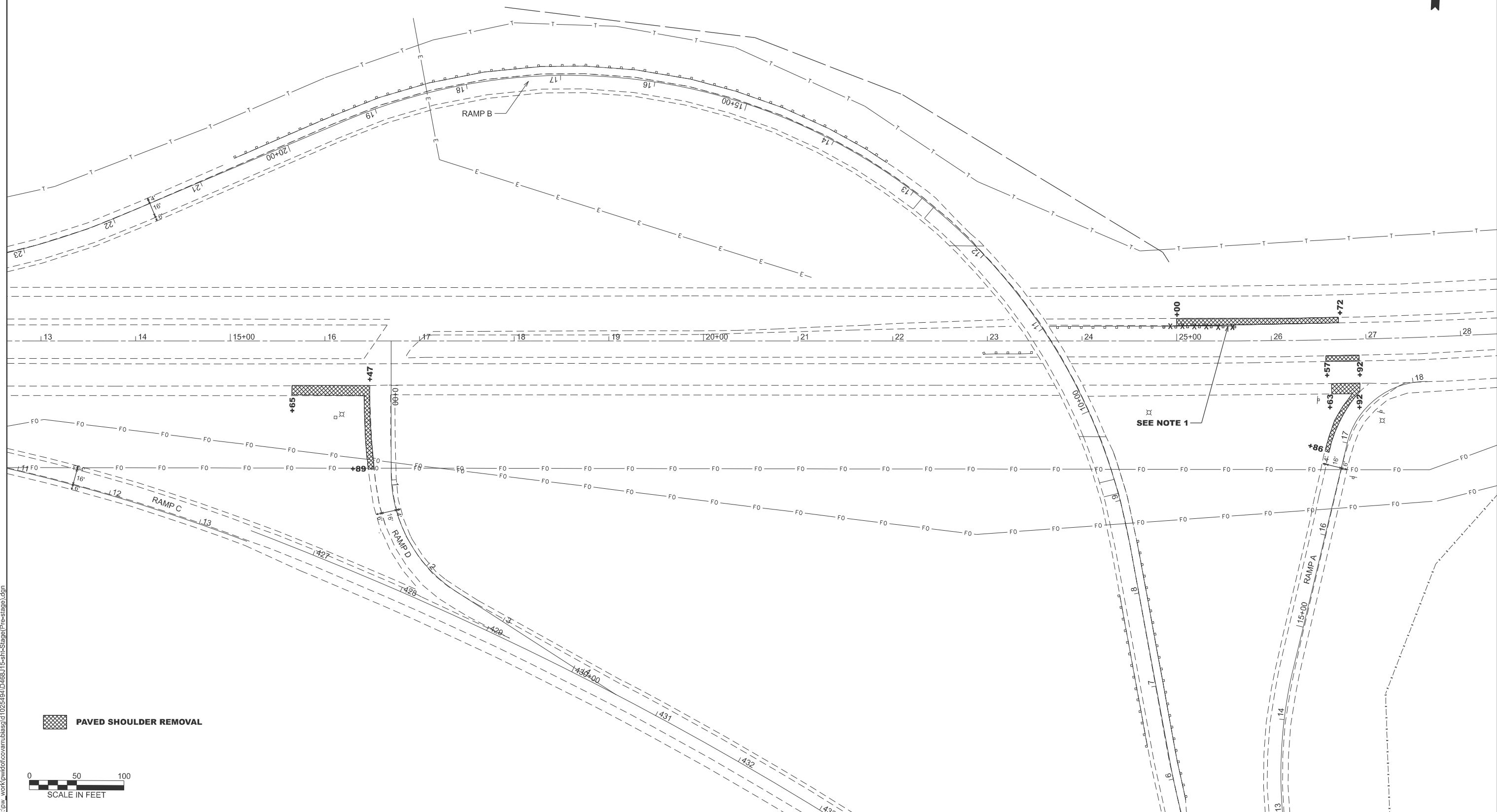
USER NAME = Gerardo.Covarrubias DESIGNED - DRAWN - CHECKED - PLOT DATE = 3/24/2026 DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING AND TRAFFIC CONTROL NOTES	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="font-size: small;">F.A.P RTE.</th> <th style="font-size: small;">SECTION</th> <th style="font-size: small;">COUNTY</th> <th style="font-size: small;">TOTAL SHEETS</th> <th style="font-size: small;">SHEET NO.</th> </tr> <tr> <td style="font-size: x-small;">317</td> <td style="font-size: x-small;">(18HB)BRR;35RS-12;17RS-8</td> <td style="font-size: x-small;">TAZEWELL</td> <td style="font-size: x-small;">96</td> <td style="font-size: x-small;">41</td> </tr> <tr> <td colspan="5" style="text-align: center; font-size: x-small;">CONTRACT NO. 68J15</td> </tr> <tr> <td colspan="5" style="text-align: center; font-size: x-small;">ILLINOIS FED. AID PROJECT</td> </tr> </table>	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	41	CONTRACT NO. 68J15					ILLINOIS FED. AID PROJECT				
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																				
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	41																				
CONTRACT NO. 68J15																								
ILLINOIS FED. AID PROJECT																								
		SCALE: 1"=50'	SHEET 1 OF 12 SHEETS	STA. 78+19.67 TO STA. 93+19.67																				

CONSTRUCTION NOTES:

1. REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL TYPE A (STA. 24+87.5 TO STA. 25+12.5; REMOVE IN PRE-STAGE AND REINSTALL IN STAGE III)
REMOVE AND REERECT TRAFFIC BARRIER TERMINAL, TYPE 1. REMOVE FROM STA. 25+12.5 TO STA. 25+62.5 AND REERECT AT STA. 24+87.5 TO STA. 25+37.5.

TRAFFIC CONTROL NOTES:

- USE TRAFFIC CONTROL STANDARD 701422 FOR LANE CLOSURES ON US 24.
- ONCE THE GUARDRAIL WORK BEGINS, THE INSIDE LANE OF WESTBOUND US 24 SHALL BE REMAIN CLOSED EAST OF RAMP A UNTIL THE GUARDRAIL IS RESTORED TO ITS ORIGINAL LIMITS IN STAGE III.
- USE TRAFFIC CONTROL STANDARD 701456 FOR WORK ON RAMP A.
- USE TRAFFIC CONTROL STANDARD 701451 TO CLOSE RAMP D AND DETOUR RAMP TRAFFIC ACCORDING TO THE DETOUR DETAILS.



PAVED SHOULDER REMOVAL



MODEL: Pre-stage Removal (Sheet)
FILE NAME: c:\pwwork\covarubias\1025494\1025494\15-sth-Stage (Pre-stage).dgn

USER NAME = Gerardo.Covarubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PRE-STAGE REMOVAL

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB/BRR;35RS-12;17RS-8	TAZEWELL	96	42
CONTRACT NO. 68J15				

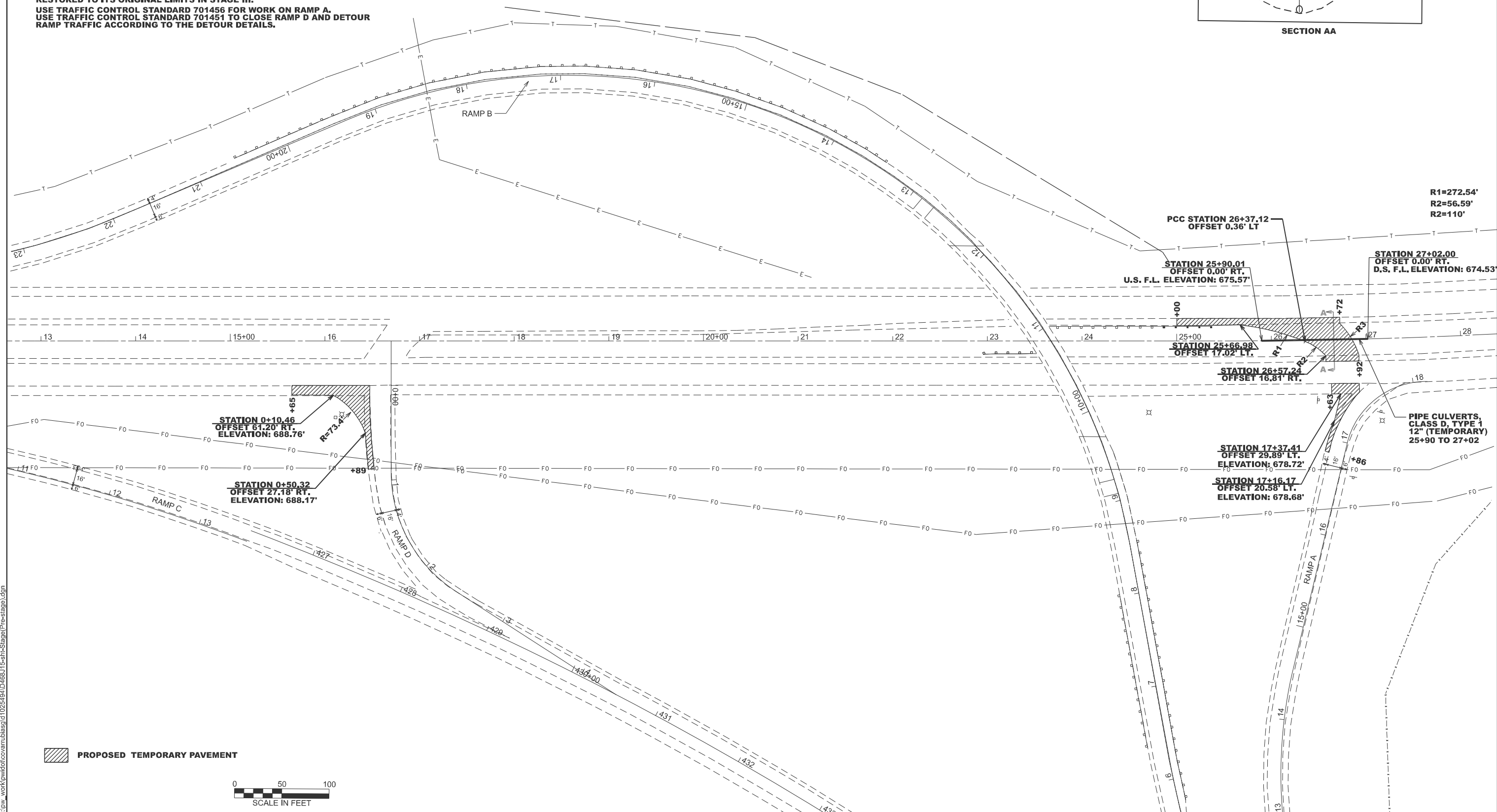
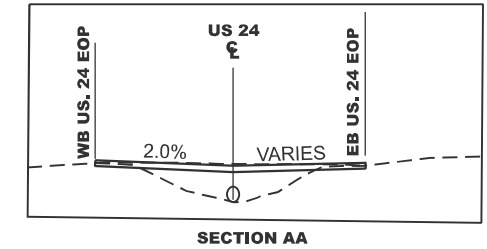
ILLINOIS FED. AID PROJECT

CONSTRUCTION NOTES:

COMPLETE NECESSARY EARTHWORK AND CONSTRUCT PROPOSED TEMPORARY PIPE CULVERT AND TEMPORARY PAVEMENTS.

TRAFFIC CONTROL NOTES:

USE TRAFFIC CONTROL STANDARD 701422 FOR LANE CLOSURES ON US 24. ONCE THE GUARDRAIL WORK BEGINS, THE INSIDE LANE OF WESTBOUND US 24 SHALL BE REMAIN CLOSED EAST OF RAMP A UNTIL THE GUARDRAIL IS RESTORED TO ITS ORIGINAL LIMITS IN STAGE III. USE TRAFFIC CONTROL STANDARD 701456 FOR WORK ON RAMP A. USE TRAFFIC CONTROL STANDARD 701451 TO CLOSE RAMP D AND DETOUR RAMP TRAFFIC ACCORDING TO THE DETOUR DETAILS.



R1=272.54'
R2=56.59'
R2=110'

PIPE CULVERTS,
CLASS D, TYPE 1
12" (TEMPORARY)
25+90 TO 27+02

MODEL: Pre-Stage (Sheet)
FILE NAME: c:\pwworking\covarrubias\1025494\1025494-15-sth-stage\Pre-stage.dgn

USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/23/2026	DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION**

PRE-STAGE PLAN

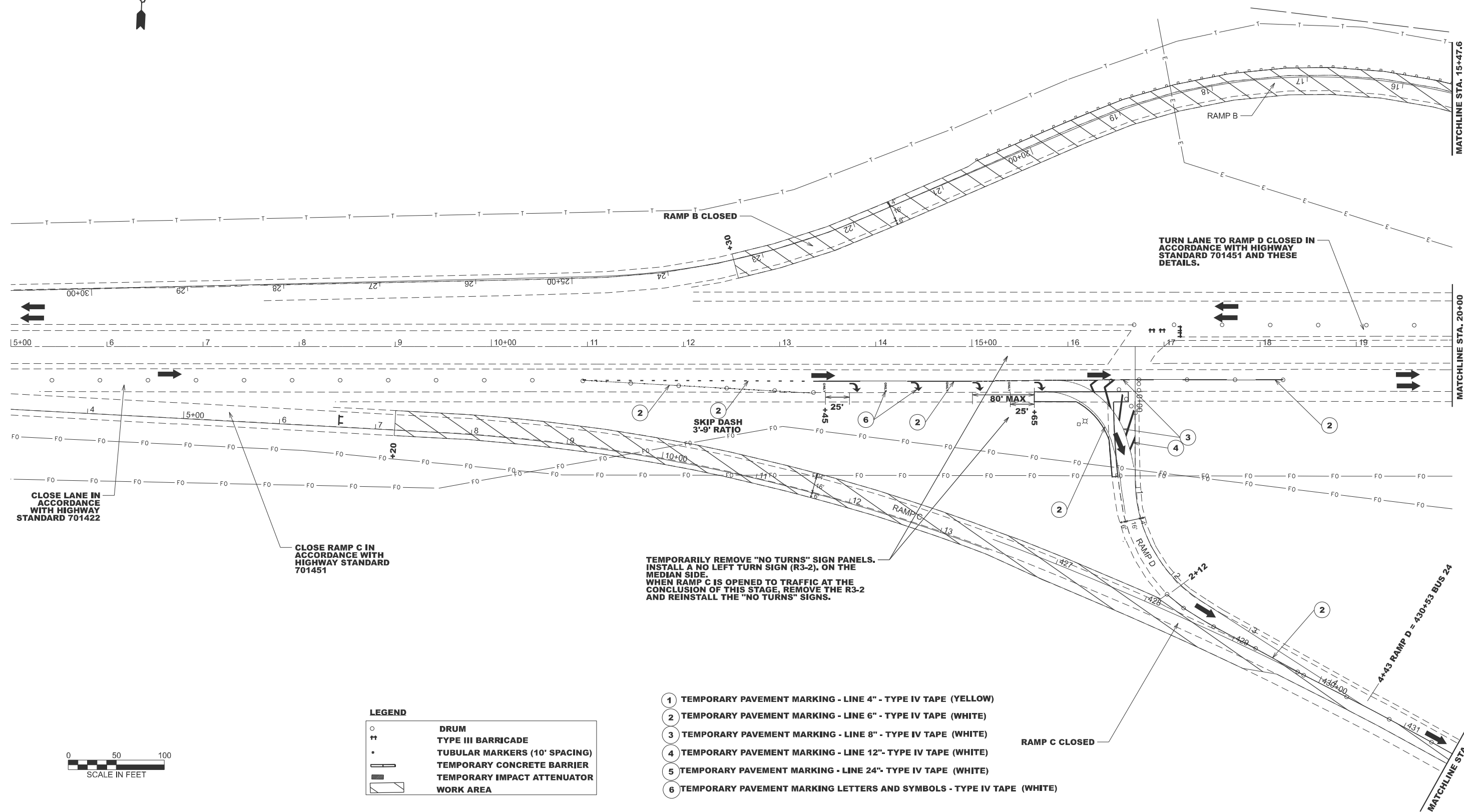
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB(BRR;35RS-12;17RS-8	TAZEWELL	96	43
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL NOTES:
 SEE DETOUR DETAILS FOR THE CLOSURE OF RAMP B, THE CLOSURE OF RAMP C, AND THE CLOSURE OF THE WB US 24 LEFT TURN LANE TO RAMP D.
 USE A CHANGEABLE MESSAGE SIGN ON EASTBOUND US 24 TO NOTIFY MOTORISTS OF THE TEMPORARY TRAFFIC SIGNALS FOR THE ENTIRE TIME THE SIGNALS ARE IN OPERATION.

CONSTRUCTION NOTES:
 COMPLETE ALL WORK ON RAMP C.
 BEGIN WORK ON RAMP B.



CLOSE LANE IN ACCORDANCE WITH HIGHWAY STANDARD 701422

CLOSE RAMP C IN ACCORDANCE WITH HIGHWAY STANDARD 701451

TEMPORARILY REMOVE "NO TURNS" SIGN PANELS. INSTALL A NO LEFT TURN SIGN (R3-2), ON THE MEDIAN SIDE. WHEN RAMP C IS OPENED TO TRAFFIC AT THE CONCLUSION OF THIS STAGE, REMOVE THE R3-2 AND REINSTALL THE "NO TURNS" SIGNS.

TURN LANE TO RAMP D CLOSED IN ACCORDANCE WITH HIGHWAY STANDARD 701451 AND THESE DETAILS.

LEGEND

○	DRUM
⦿	TYPE III BARRICADE
•	TUBULAR MARKERS (10' SPACING)
▬	TEMPORARY CONCRETE BARRIER
▬	TEMPORARY IMPACT ATTENUATOR
▨	WORK AREA

- 1 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- 2 TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE)
- 3 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- 4 TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE)
- 5 TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE)
- 6 TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE (WHITE)

MODEL: Stage I US 24 BUS 24 - 6 (Sheet)
 FILE NAME: c:\p\work\1025494\1025494\15-sth-stage-1.dgn



USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/25/2026	DATE -	REVISED -

STATE OF ILLINOIS
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STAGE I
RAMP B & C CLOSURE

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 5+00.00 TO STA. 20+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18H)BRR:35RS-12;17RS-8	TAZEWELL	96	44
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

CONSTRUCTION NOTES:
 COMPLETE ALL WORK ON RAMP C.
 BEGIN WORK ON RAMP B.

TRAFFIC CONTROL NOTES:
 SEE DETOUR DETAILS FOR THE CLOSURE OF RAMP B, THE CLOSURE OF
 RAMP C, AND THE CLOSURE OF THE WB US 24 LEFT TURN LANE TO RAMP D.

OFFSETS TO THE TEMPORARY CONCRETE BARRIER ARE MEASURED TO THE CENTERLINE
 OF THE BARRIER.

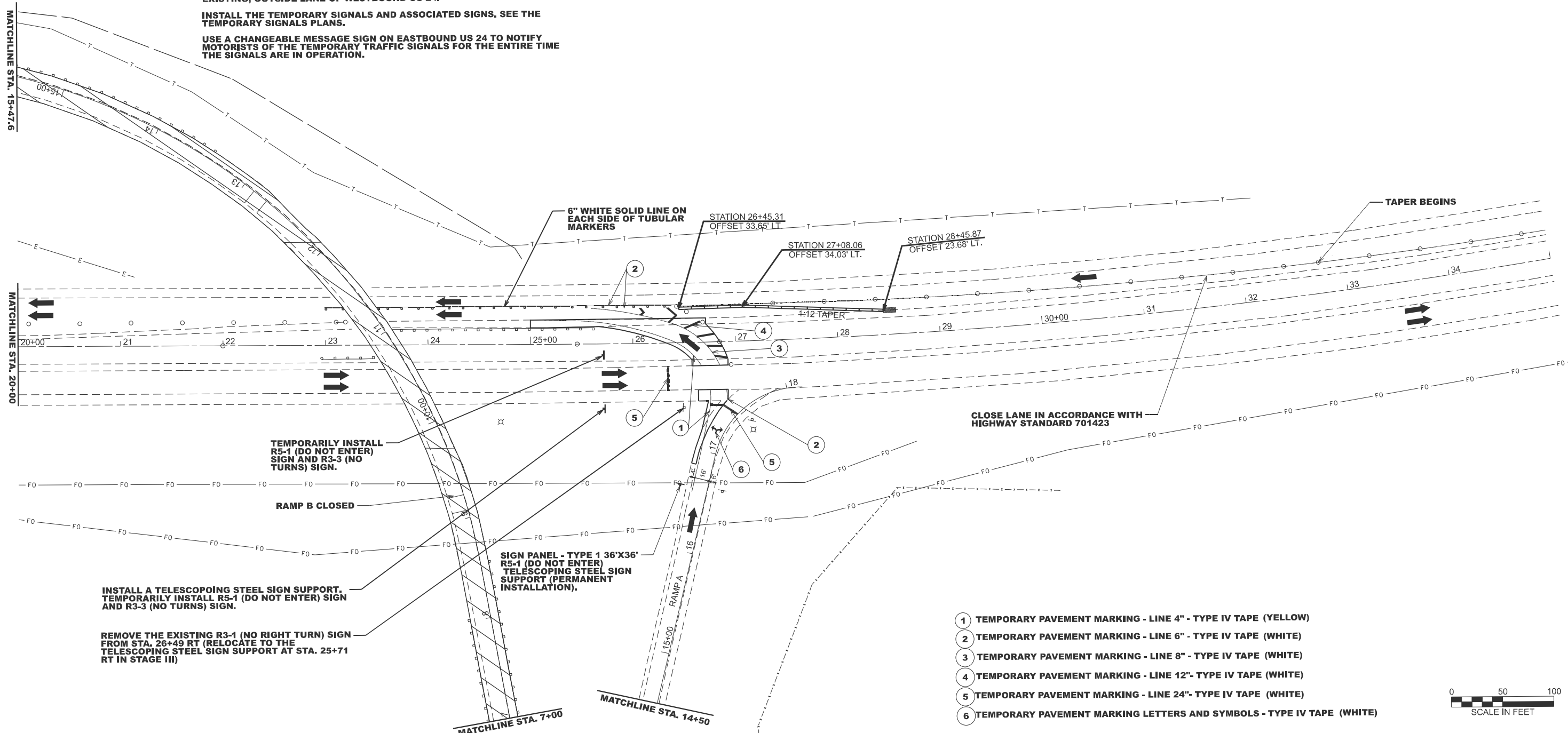
THE OFFSETS PROVIDED FOR THE STRETCH OF TEMPORARY CONCRETE
 BARRIER WALL FROM STA. 26+45.31 TO Sta. 27+08.06 ARE INTENDED TO
 LOCATE THE NEAR FACE OF THE BARRIER 1 FOOT AWAY FROM THE
 EXISTING, OUTSIDE LANE OF WESTBOUND US 24.

INSTALL THE TEMPORARY SIGNALS AND ASSOCIATED SIGNS. SEE THE
 TEMPORARY SIGNALS PLANS.

USE A CHANGEABLE MESSAGE SIGN ON EASTBOUND US 24 TO NOTIFY
 MOTORISTS OF THE TEMPORARY TRAFFIC SIGNALS FOR THE ENTIRE TIME
 THE SIGNALS ARE IN OPERATION.

LEGEND

○	DRUM
⊕	TYPE III BARRICADE
●	TUBULAR MARKERS (10' SPACING)
▬	TEMPORARY CONCRETE BARRIER
▬	TEMPORARY IMPACT ATTENUATOR
▭	WORK AREA



TEMPORARILY INSTALL
 R5-1 (DO NOT ENTER)
 SIGN AND R3-3 (NO
 TURNS) SIGN.

RAMP B CLOSED

INSTALL A TELESCOPING STEEL SIGN SUPPORT.
 TEMPORARILY INSTALL R5-1 (DO NOT ENTER) SIGN
 AND R3-3 (NO TURNS) SIGN.

REMOVE THE EXISTING R3-1 (NO RIGHT TURN) SIGN
 FROM STA. 26+49 RT (RELOCATE TO THE
 TELESCOPING STEEL SIGN SUPPORT AT STA. 25+71
 RT IN STAGE III)

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- ② TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE)
- ③ TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- ④ TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE (WHITE)



MODEL: Stage I US 24-RUS 24-7 (Sheet)
 FILE NAME: c:\p\work\road\covarrubias\1025494\15-sth-stage I.dgn

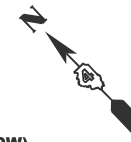
USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/25/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

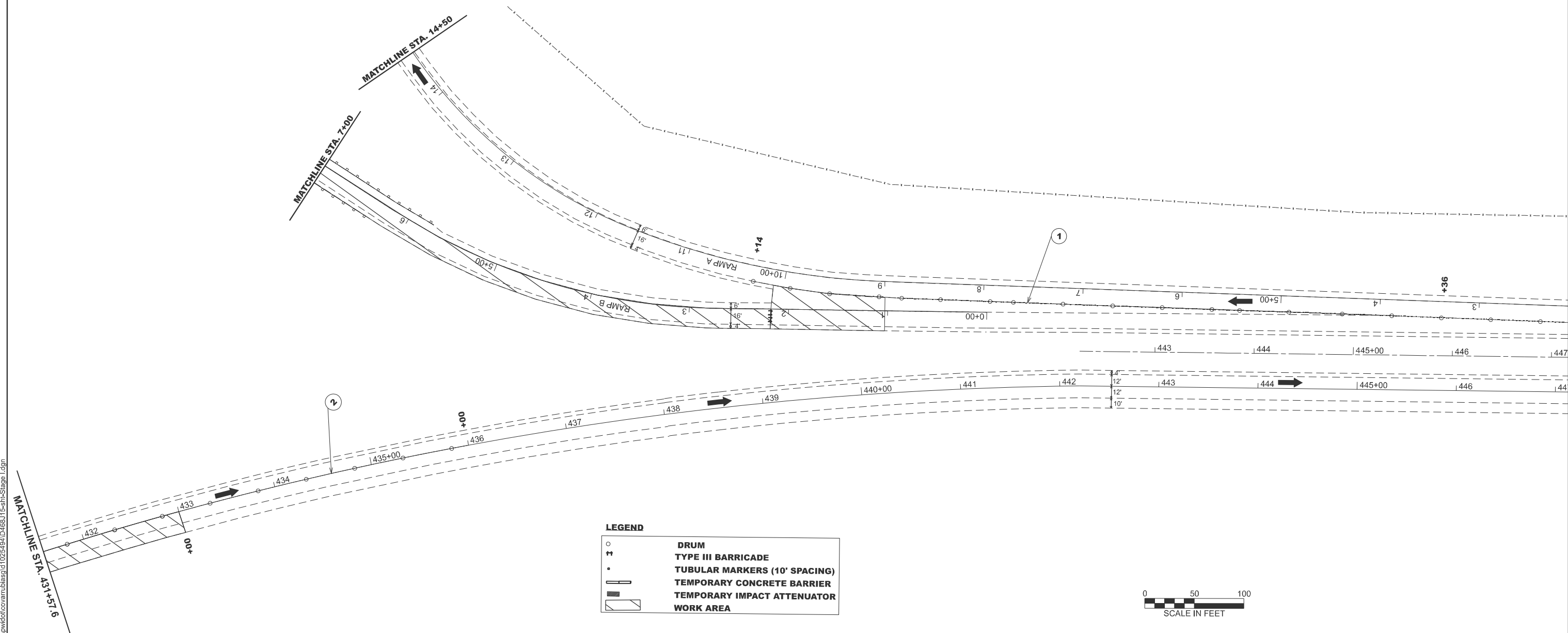
**STAGE I
 RAMP B & C CLOSURE**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 20+00.00 TO STA. 35+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)H(B)RR:35RS-12;17RS-8	TAZEWELL	96	45
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



- 1 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- 2 TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE)
- 3 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- 4 TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE)
- 5 TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE)
- 6 TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE (WHITE)



LEGEND

○	DRUM
⚡	TYPE III BARRICADE
•	TUBULAR MARKERS (10' SPACING)
—	TEMPORARY CONCRETE BARRIER
▨	TEMPORARY IMPACT ATTENUATOR
▨	WORK AREA



MODEL: Stage I BUS 24 - 1 (Sheet)
 FILE NAME: c:\p\work\wv\covarrubias\1025494\0468815-st1-Stage I.dgn

USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/25/2026	DATE -	REVISED -

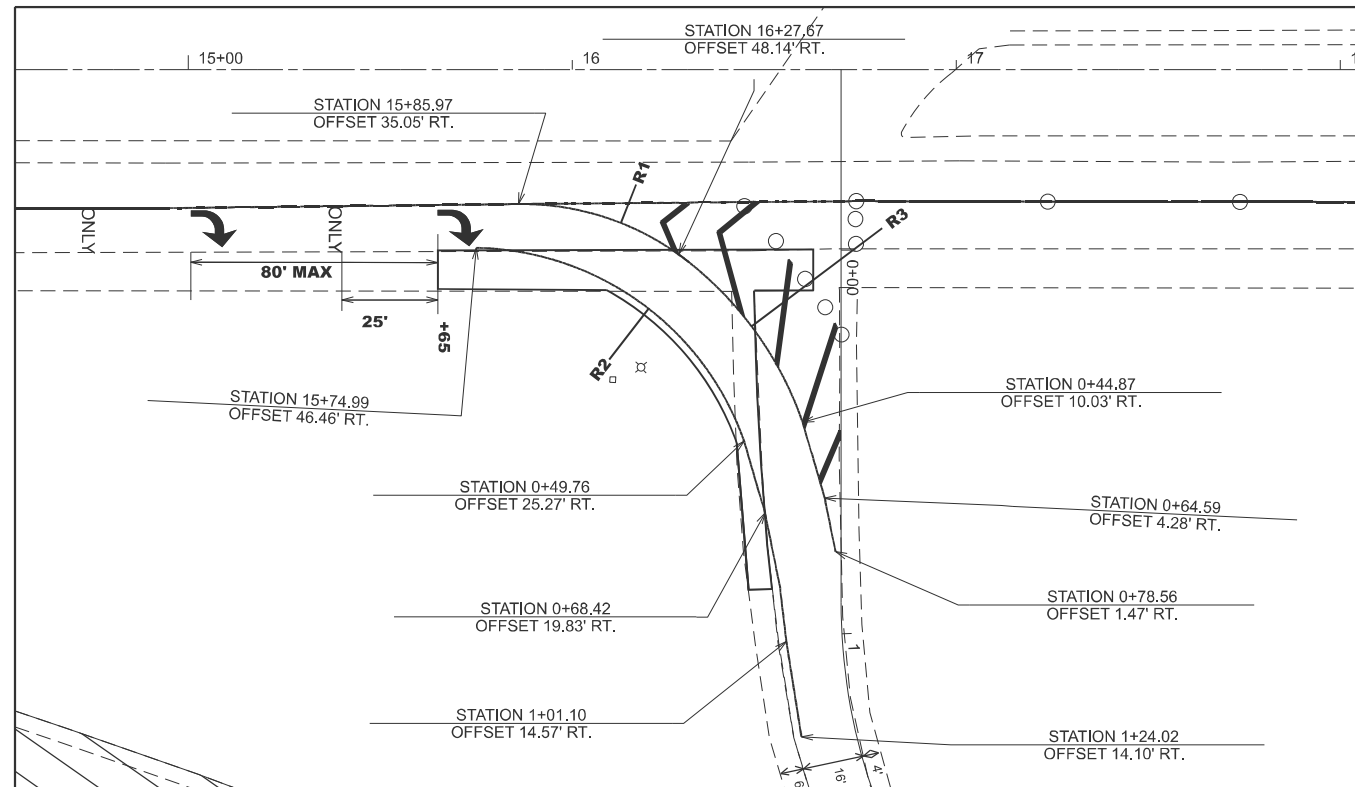
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE I
RAMP B & C CLOSURE

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 18+19.67 TO STA. 33+19.67

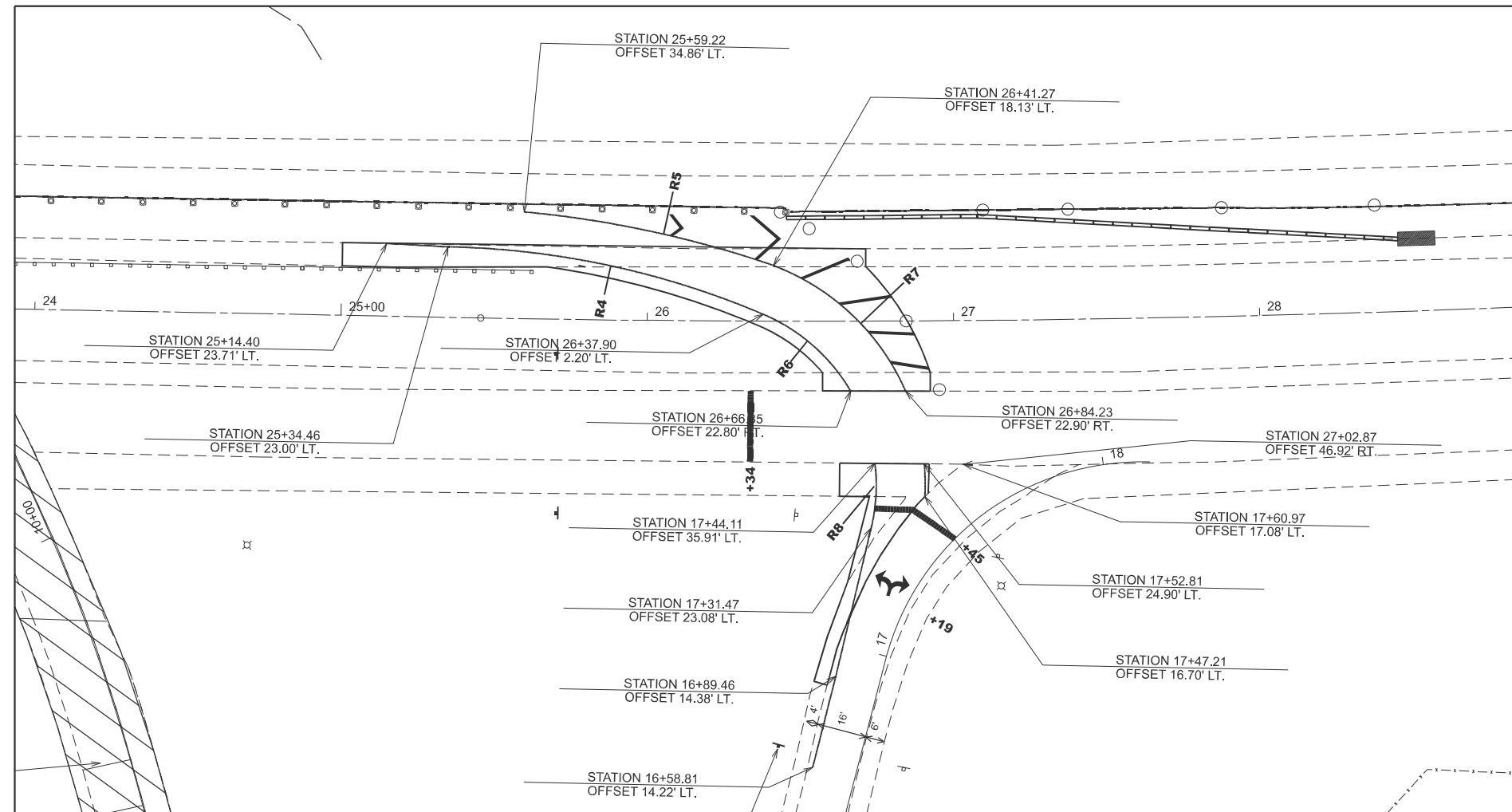
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	46
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

RAMP D



R1 = 70.2'
R2 = 75.4'
R3 = 91.4'

CROSSOVER / RAMP A



R4 = 276.5'
R5 = 349.7'
R6 = 60.6'
R7 = 76.6'
R8 = 60.6'

MODEL: Stage I PMK DETAIL - 8 (Sheet)
FILE NAME: c:\p\work\17widoc\covarubias\1025494\15-sth-stage-1.dgn

USER NAME = Gerardo.Covarubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/25/2026	DATE -	REVISED -

STATE OF ILLINOIS
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STAGE I PAVEMENT MARKING LAYOUT DETAIL

SCALE: CUSTOM 1:300 SHEET 4 OF 4 SHEETS STA. 35+00.00 TO STA. 50+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18H)BRR:35RS-12;17RS-8	TAZEWELL	96	47
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

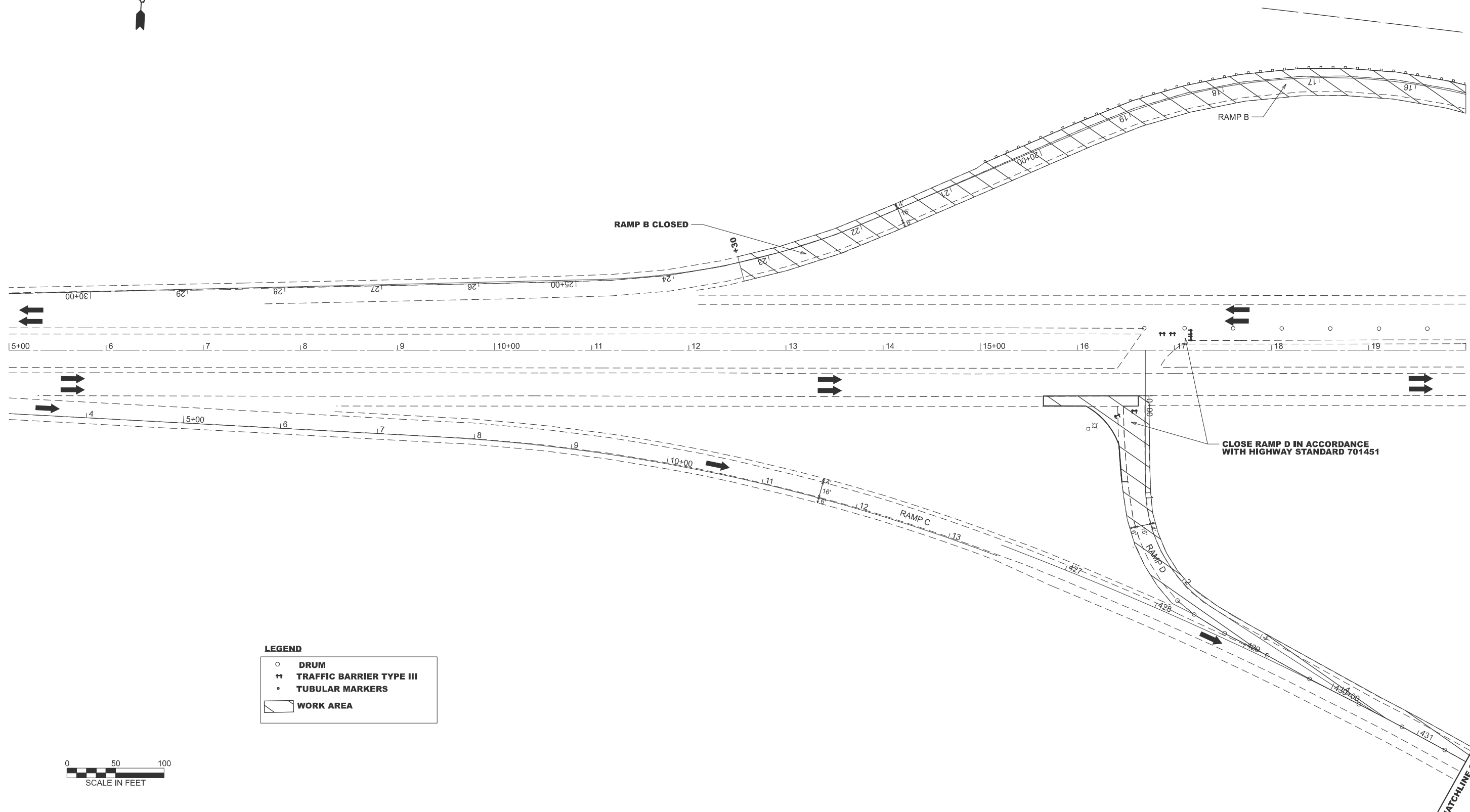


TRAFFIC CONTROL NOTES

CLOSE RAMP D PAVEMENT ENTIRELY.
 CONTINUE DETOUR FOR RAMP D TRAFFIC.
 CLOSE THE OUTSIDE LANE OF EASTBOUND US 24 IN ACCORDANCE
 WITH HIGHWAY STANDARD 701422 FOR THE WORK ON RAMP D.
 USE A CHANGEABLE MESSAGE SIGN ON EASTBOUND US 24 TO
 NOTIFY MOTORISTS OF THE TEMPORARY TRAFFIC SIGNALS FOR
 THE ENTIRE TIME THE SIGNALS ARE IN OPERATION.

CONSTRUCTION NOTES

REMOVE TEMPORARY PAVEMENT ON RAMP D.
 COMPLETE ALL OTHER PROPOSED WORK ON RAMP D.



LEGEND

○	DRUM
⦶	TRAFFIC BARRIER TYPE III
•	TUBULAR MARKERS
▭	WORK AREA



MODEL: Stage II US 24-BUS 24 - 1 (Sheet)
 FILE NAME: c:\p\work\p\road\covarubias\1025494\468\15-sth-Stage II.dgn

USER NAME = Gerardo.Covarubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/23/2026	DATE -	REVISED -

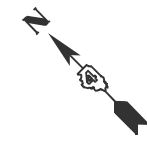
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STAGE II
 RAMP B & D CLOSURE**

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 5+00.00 TO STA. 20+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB(BRR;35RS-12;17RS-8	TAZEWELL	96	48
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 431+57.6



CLOSE LANE IN ACCORDANCE WITH HIGHWAY STANDARDS 701422 AND 701451 AND THE DETOUR DETAILS.

RAMP B CLOSED

LEGEND

- DRUM
- ⚡ TRAFFIC BARRIER TYPE III
- TUBULAR MARKERS
- ▭ WORK AREA



MATCHLINE STA. 431+57.9

MODEL: Stage II BUS 24 - 4 (Sheet)
FILE NAME: c:\p\work\wof\covarrubias\1025494\468\15-sta-Stage II.dgn

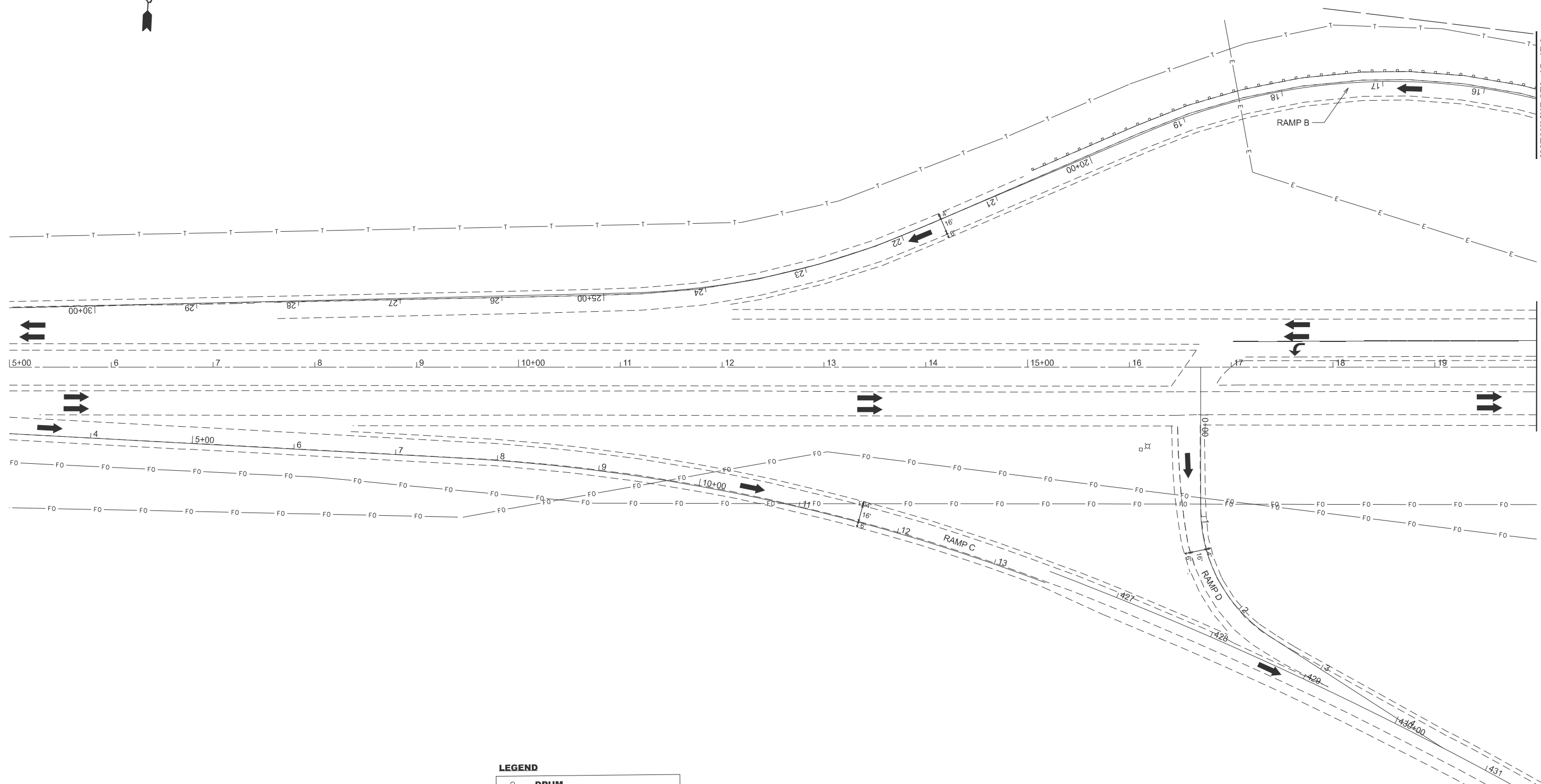
USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE II
RAMP B & D CLOSURE**

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 18+19.67 TO STA. 33+19.67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	49
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



LEGEND

	DRUM
	TRAFFIC BARRIER TYPE III
	TUBULAR MARKERS
	WORK AREA

MODEL: Stage III US 24 BUS 24 - 1 (Sheet)
 FILE NAME: c:\p\work\pvt\covarubias\1025494\15-sth-stage III.dgn

USER NAME = Gerardo.Covarubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/23/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE III
RAMP A CLOSURE

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 5+00.00 TO STA. 20+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR:35RS-12;17RS-8	TAZEWELL	96	50
CONTRACT NO. 68J15				

ILLINOIS FED. AID PROJECT

TRAFFIC CONTROL NOTES

CLOSE RAMP A AND DETOUR TRAFFIC IN ACCORDANCE WITH THE DETOUR DETAILS.

USE TRAFFIC CONTROL STANDARD 701422 FOR LANE CLOSURES ON EASTBOUND US 24.

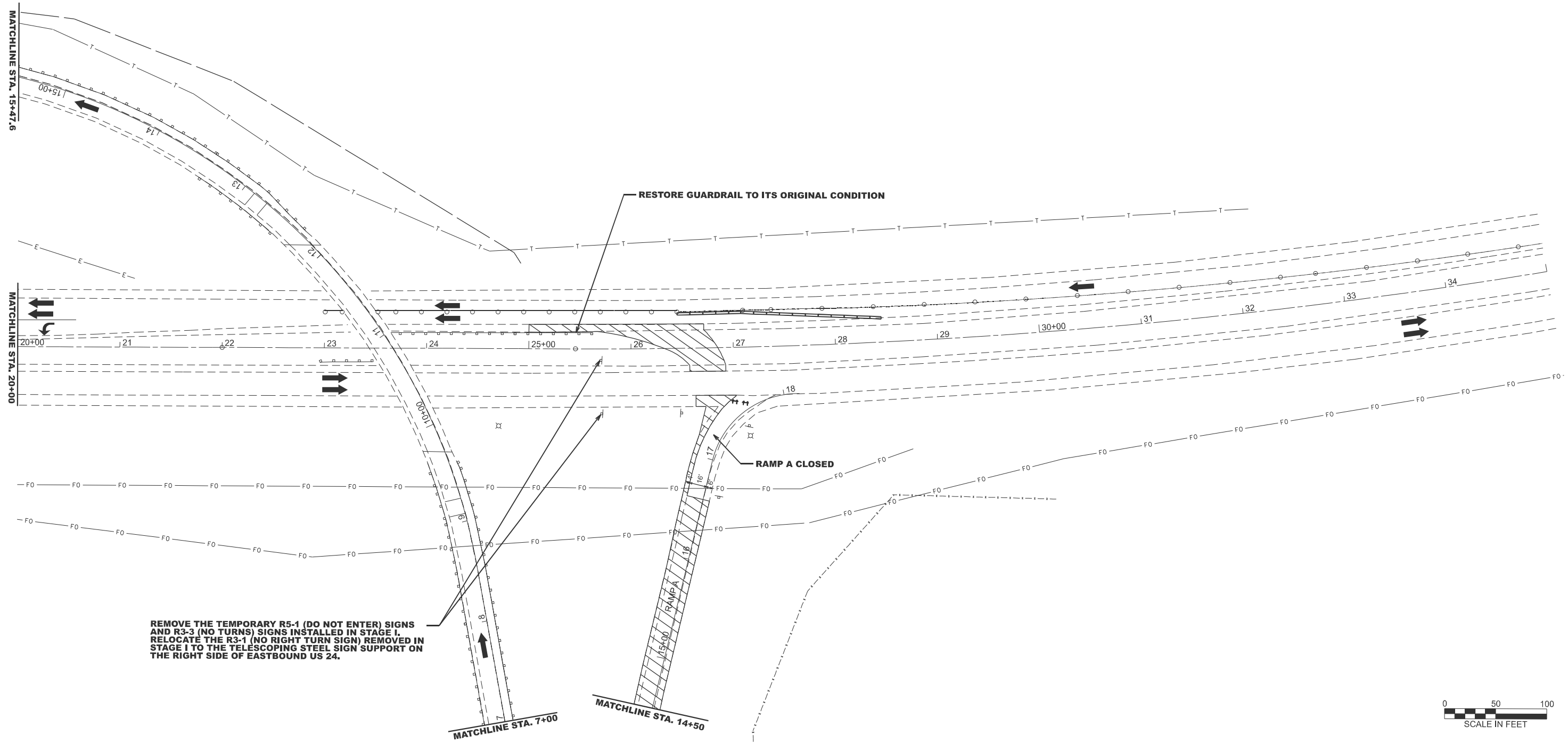
MAINTAIN CLOSURE OF THE INSIDE LANE OF WESTBOUND US 24 FROM THE PREVIOUS STAGE.

CONSTRUCTION NOTES

RESTORE THE US 24 MEDIAN TO ITS ORIGINAL CONDITION. COMPLETE REMAINING PROPOSED WORK ON RAMP A.

LEGEND

- DRUM
- ⊕ TRAFFIC BARRIER TYPE III
- TUBULAR MARKERS
- ▨ WORK AREA



REMOVE THE TEMPORARY R5-1 (DO NOT ENTER) SIGNS AND R3-3 (NO TURNS) SIGNS INSTALLED IN STAGE I. RELOCATE THE R3-1 (NO RIGHT TURN SIGN) REMOVED IN STAGE I TO THE TELESCOPING STEEL SIGN SUPPORT ON THE RIGHT SIDE OF EASTBOUND US 24.



MODEL: Stage III US 24 US 24 - 2 (Sheet)
FILE NAME: c:\p\work\road\covarubias\1025494\15-sth-Stage III.dgn

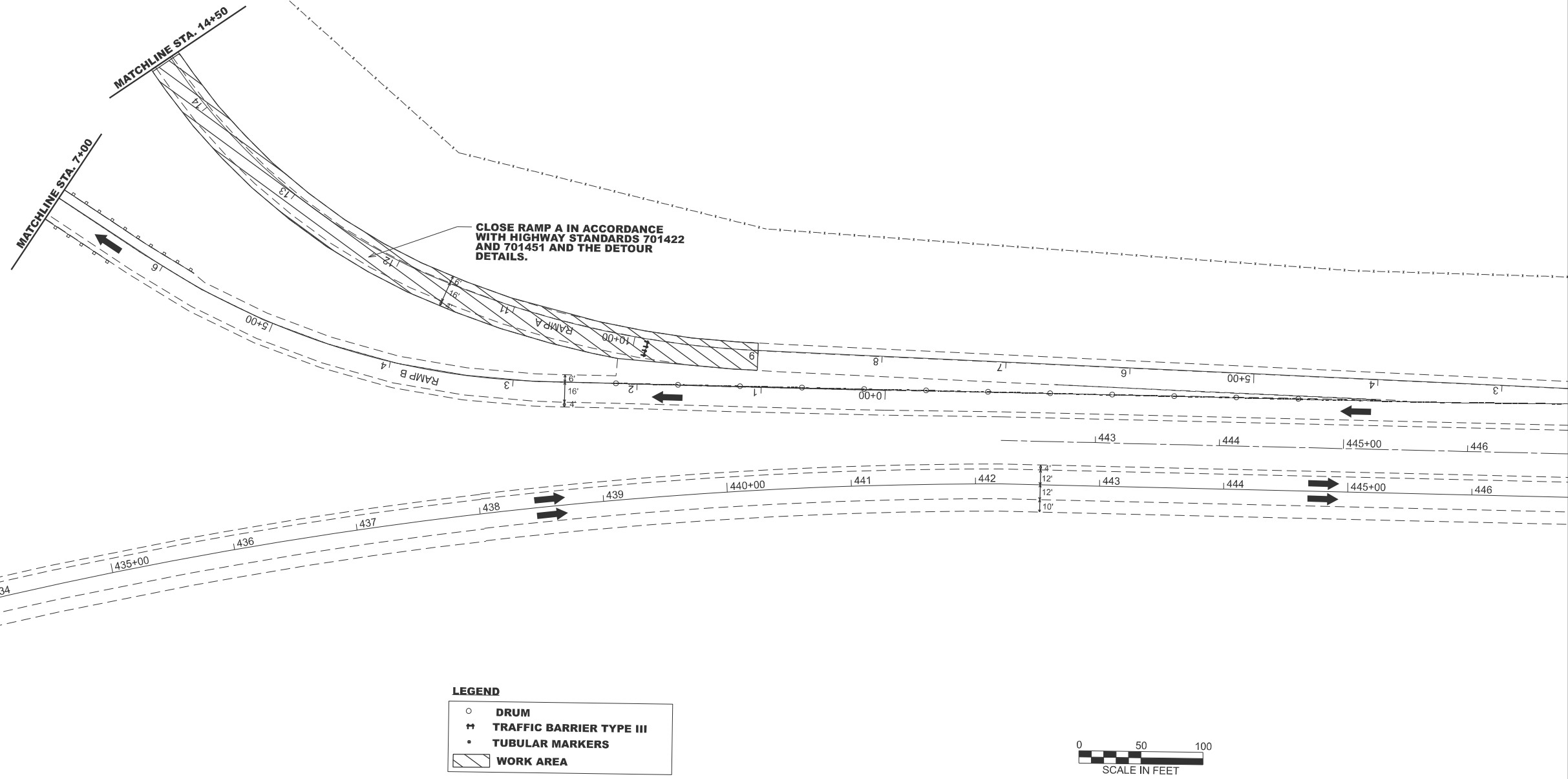
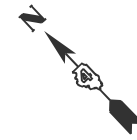
USER NAME = Gerardo.Covarubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/25/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE III
RAMP A CLOSURE**

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 20+00.00 TO STA. 35+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18H)BRR:35RS-12;17RS-8	TAZEWELL	96	51
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



LEGEND

○	DRUM
⚡	TRAFFIC BARRIER TYPE III
•	TUBULAR MARKERS
▨	WORK AREA

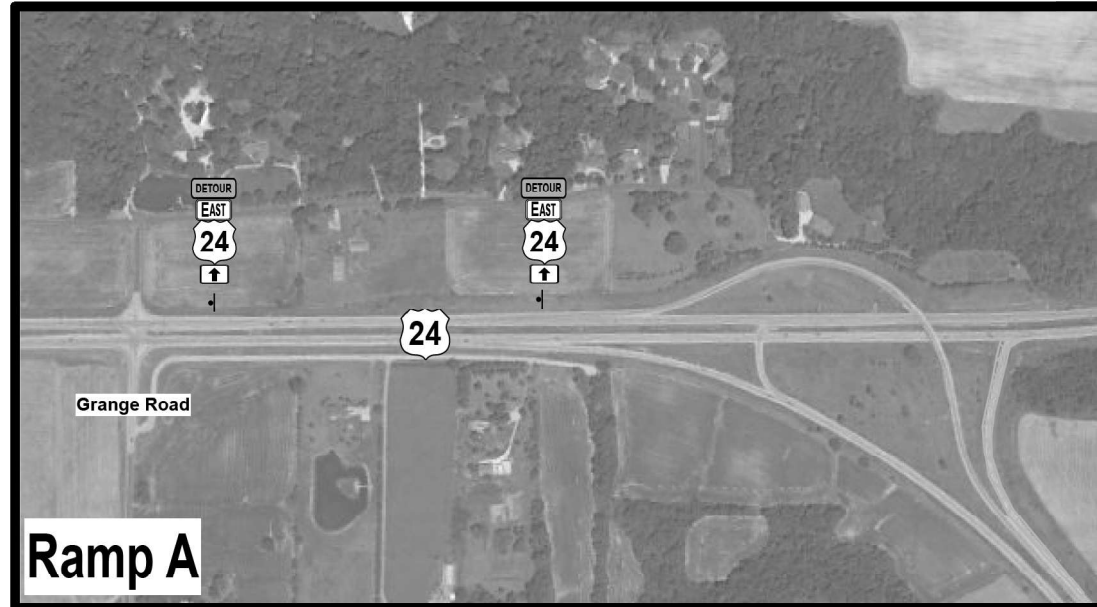


MODEL: Stage III BUS 24 - 4 (Sheet)
 FILE NAME: c:\p\work\wdr\covarrubias\1025494\468\15-sth-Stage III.dgn

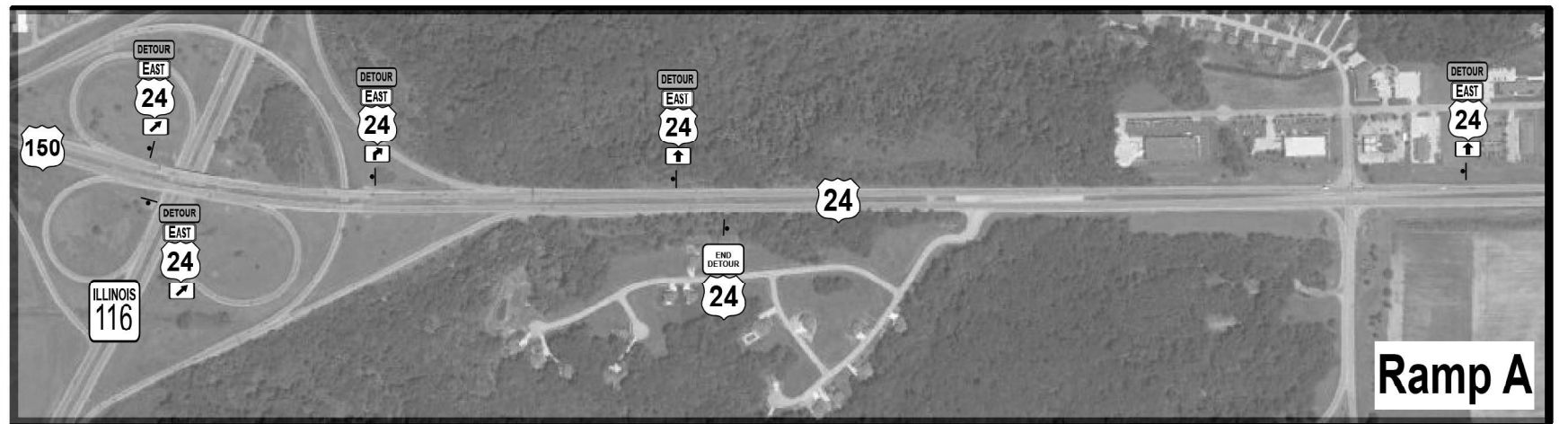
USER NAME = Gerardo.Covarrubias PLOT DATE = 3/25/2026	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE III RAMP A CLOSURE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		SCALE: 1"=50'	SHEET 3	OF 3 SHEETS	STA. 18+19.67	TO STA. 33+19.67	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96
	CHECKED -	REVISED -		CONTRACT NO. 68J15							
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



Ramp A



Ramp A



Ramp A



Ramp A

MODEL: Unlabeled-18 (Sheet)
 FILE NAME: c:\p\work\pav\covarrubias\1025494\15_sht_STRUCTURE.dgn

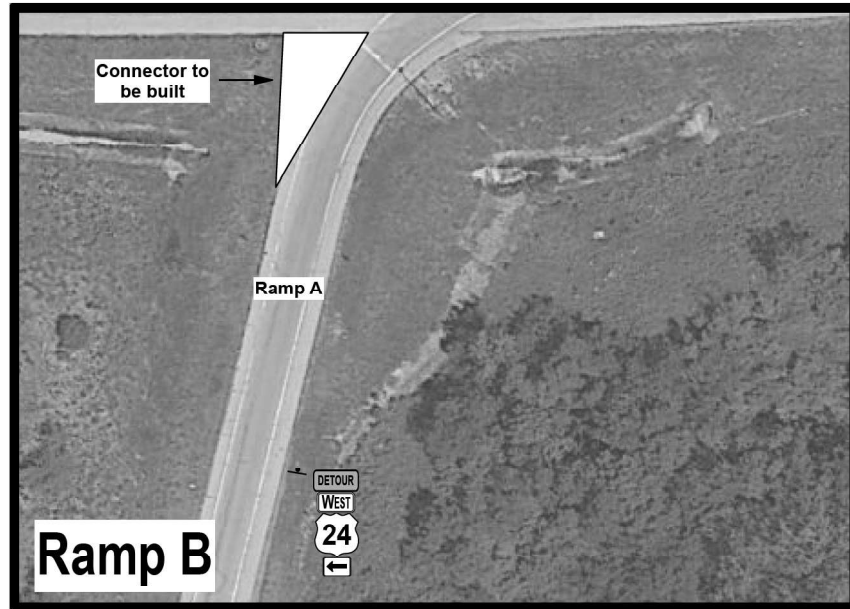
USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/23/2026	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETOUR DETAIL RAMP A

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR:35RS-12;17RS-8	TAZEWELL	96	53
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



MODEL: \\unl\itc\19 (Sheet)
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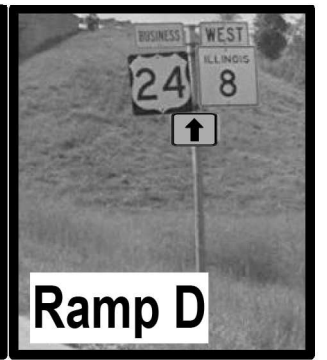
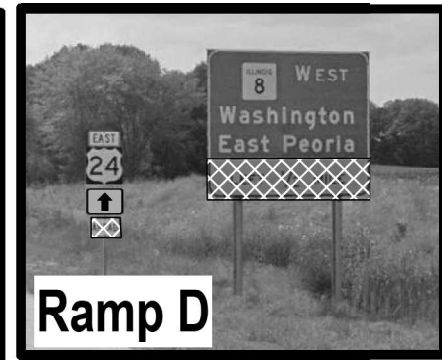
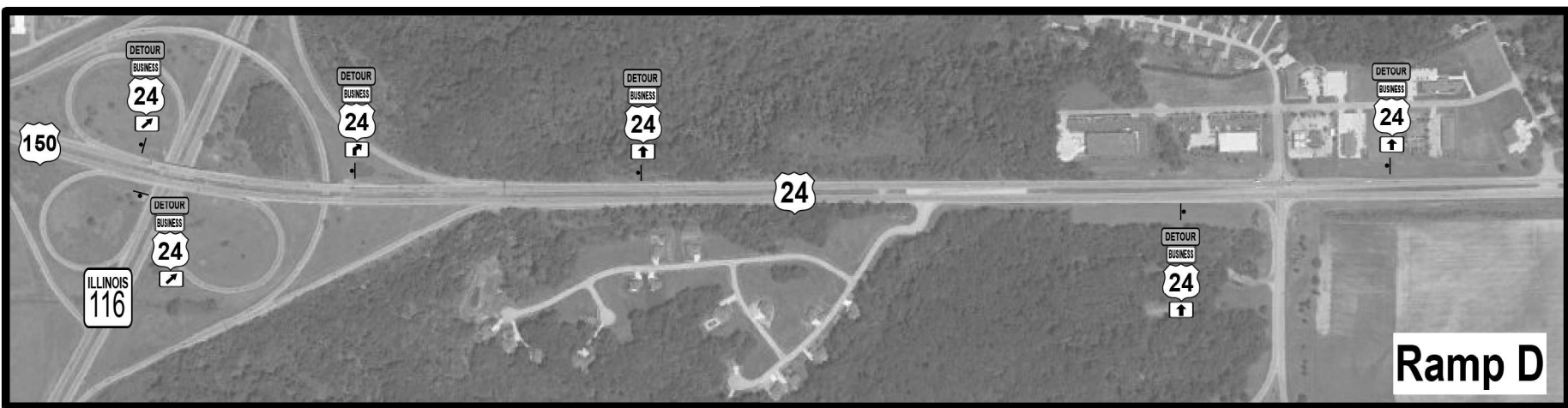
USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETOUR DETAIL RAMP B

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	54
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



MODEL: Unlabeled-20 (Sheet)
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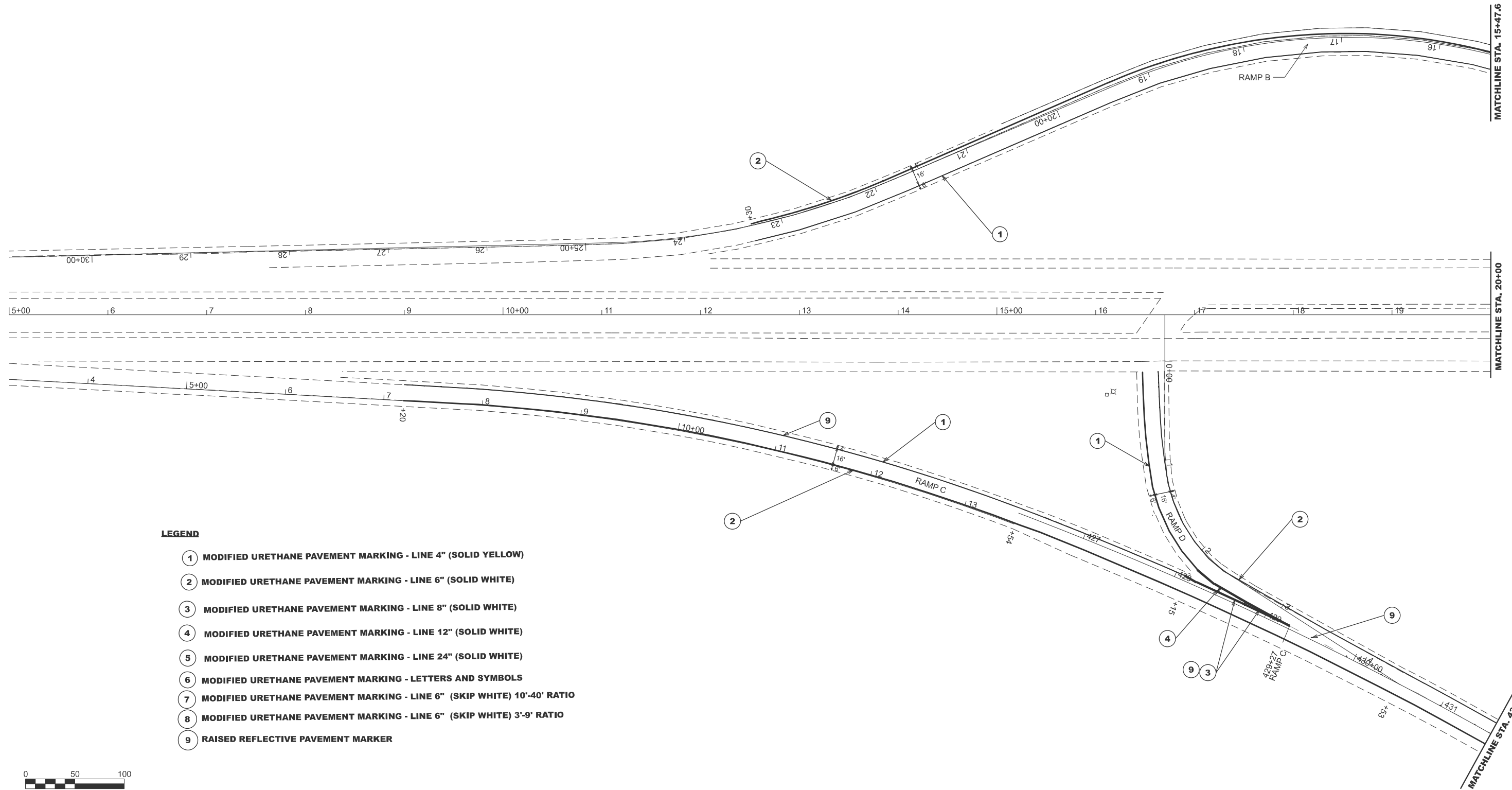
USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETOUR DETAIL RAMP C AND D

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR:35RS-12;17RS-8	TAZEWELL	96	55
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID WHITE)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SKIP WHITE) 10'-40' RATIO
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SKIP WHITE) 3'-9' RATIO
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER



MODEL: PMK - 1 (Sheet)
 FILE NAME: c:\p\work\pav\covarrubias\1025494\15-st-h-PMK.dgn

USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/26/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING DETAILS

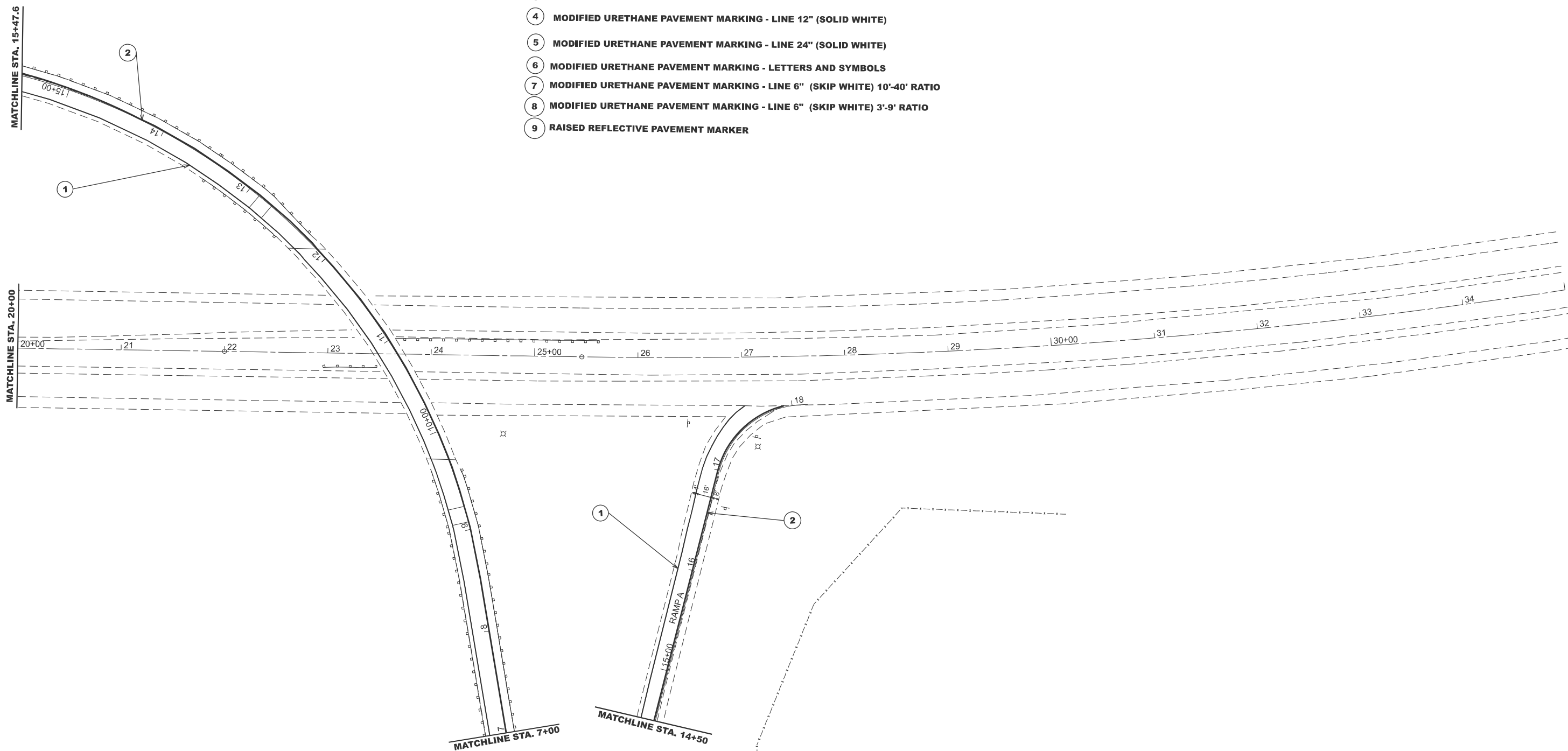
SCALE: 1"=50' SHEET 1 OF 7 SHEETS STA. 5+00.00 TO STA. 20+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB(BRR;35RS-12;17RS-8	TAZEWELL	96	56
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID WHITE)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SKIP WHITE) 10'-40' RATIO
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SKIP WHITE) 3'-9' RATIO
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER



MODEL: PMK - 2 (Sheet)
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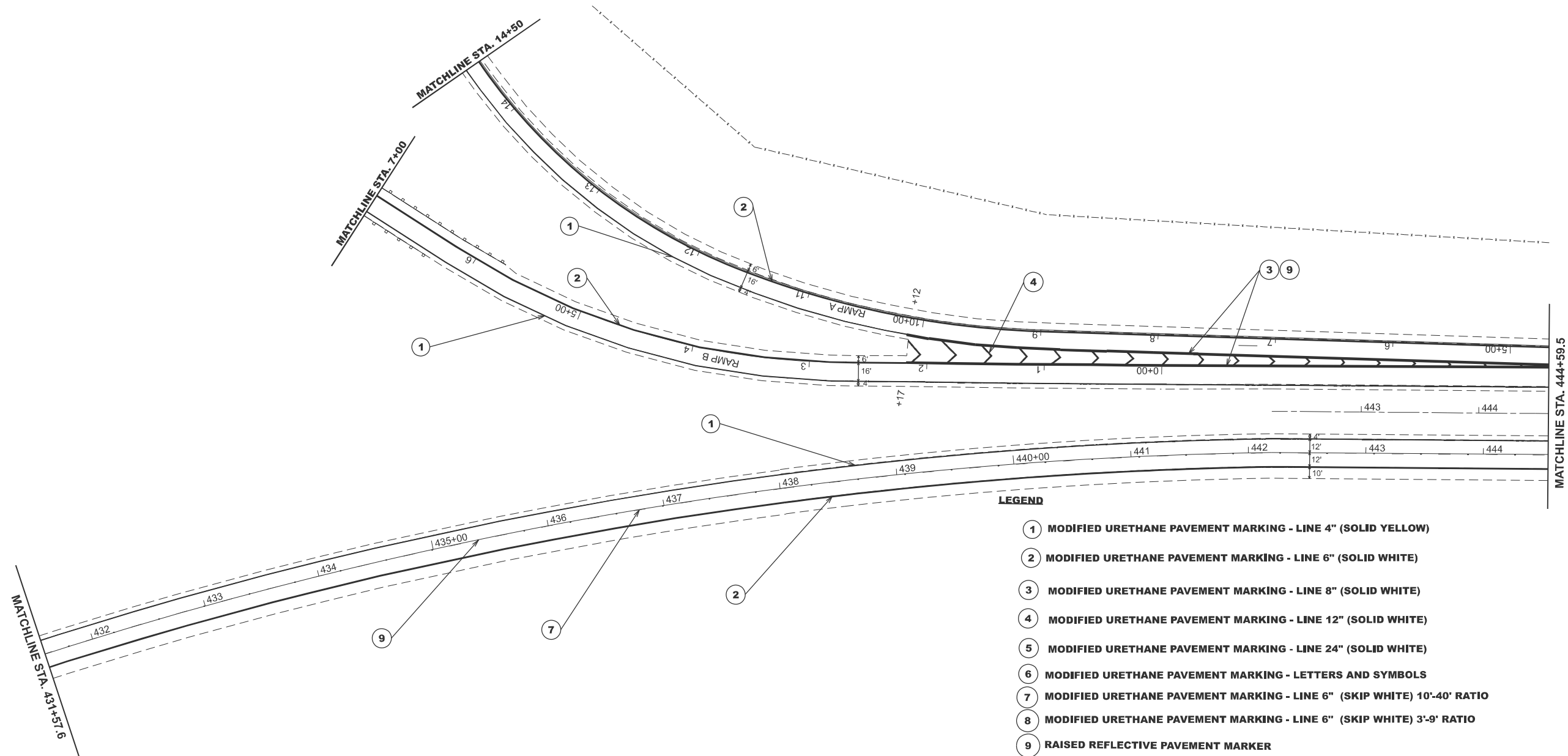
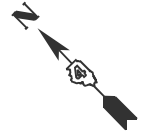
USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/26/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING DETAILS

SCALE: 1"=50' SHEET 2 OF 7 SHEETS STA. 20+00.00 TO STA. 35+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	57
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID WHITE)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SKIP WHITE) 10'-40' RATIO
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SKIP WHITE) 3'-9' RATIO
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER



MODEL: PMK - 4 (Sheet)
 FILE NAME: c:\p\work\pav\covarrubias\1025494\1025494-15-sth-PMK.dgn

USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/26/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

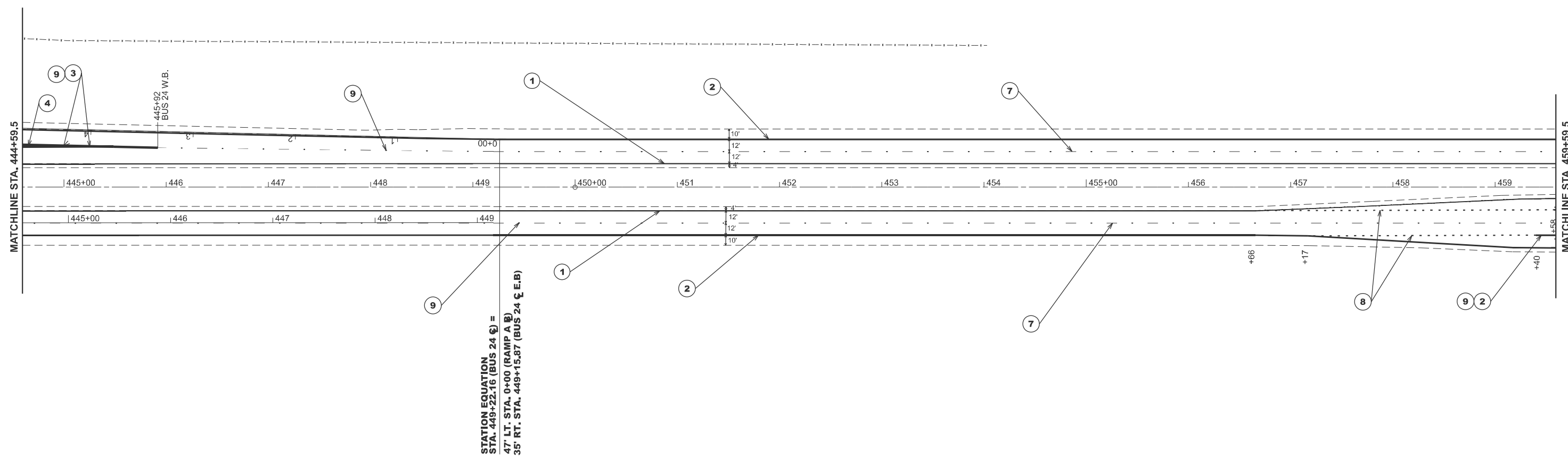
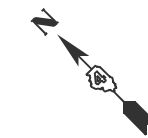
PROPOSED PAVEMENT MARKING DETAILS

SCALE: 1"=50' SHEET 3 OF 7 SHEETS STA. 18+19.67 TO STA. 33+19.67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR:35RS-12;17RS-8	TAEWELL	96	58
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID WHITE)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SKIP WHITE) 10'-40' RATIO
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SKIP WHITE) 3'-9' RATIO
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER



MODEL: PMK-5 (Sheet)
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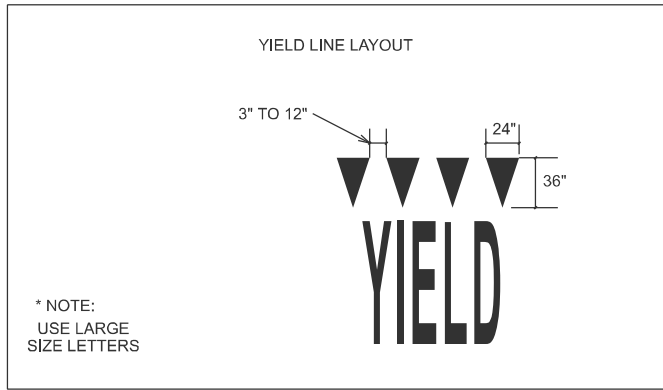
USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/26/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING DETAILS

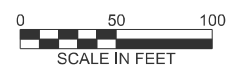
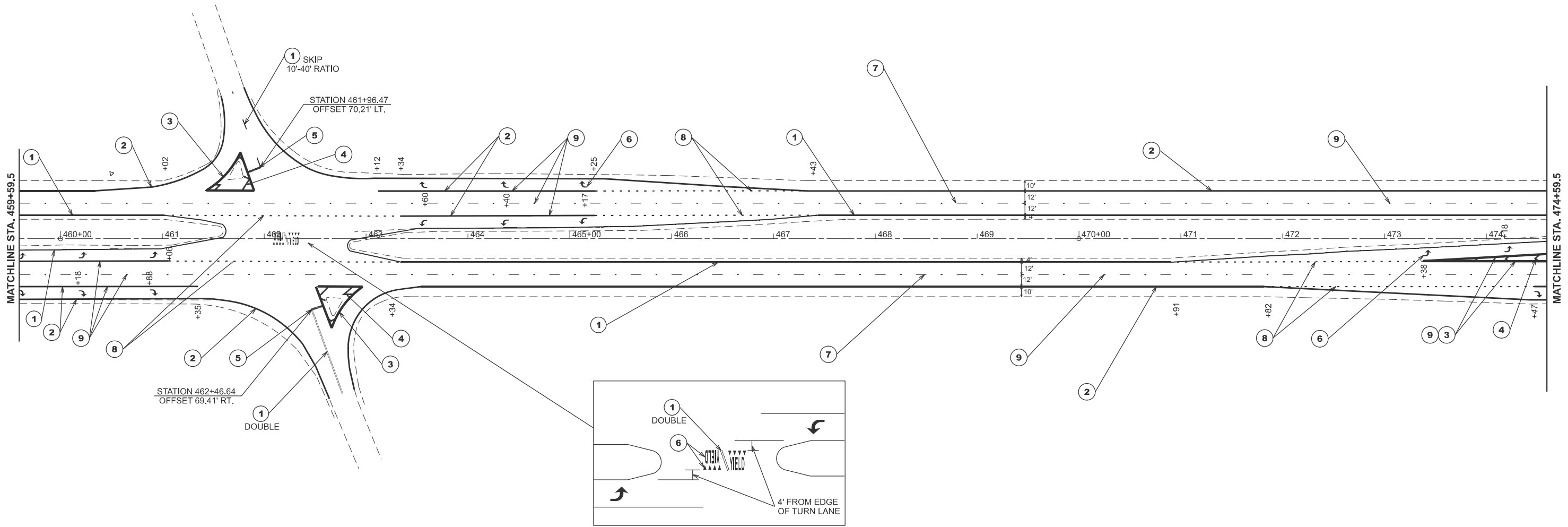
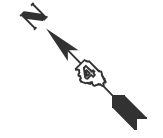
SCALE: 1"=50' SHEET 4 OF 7 SHEETS STA. 33+19.67 TO STA. 48+19.67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	59
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID WHITE)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SKIP WHITE) 10'-40' RATIO
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SKIP WHITE) 3'-9' RATIO
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER



MODEL: PMK - 6 (Sheet)
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USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/26/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

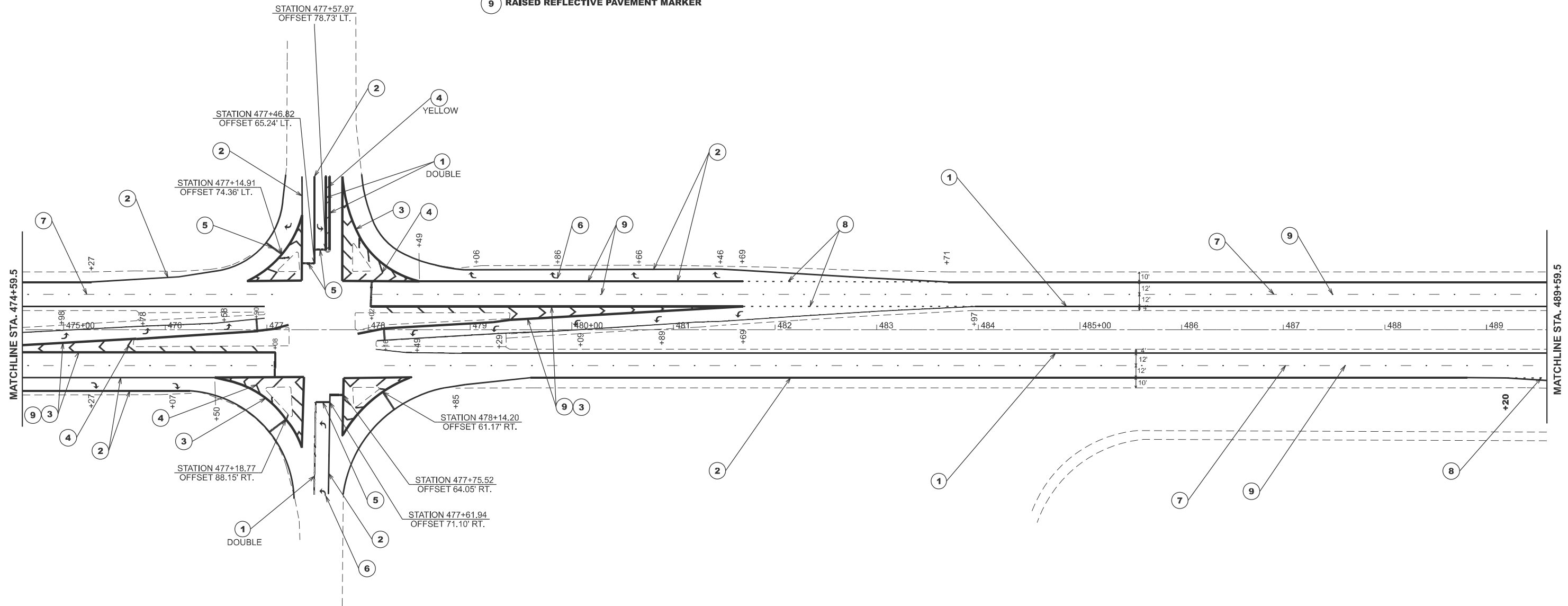
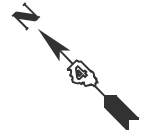
PROPOSED PAVEMENT MARKING DETAILS

SCALE: 1"=50' SHEET 5 OF 7 SHEETS STA. 48+19.67 TO STA. 63+19.67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR:35RS-12;17RS-8	TAZEWELL	96	60
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID WHITE)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SKIP WHITE) 10'-40' RATIO
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SKIP WHITE) 3'-9' RATIO
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER



MODEL: PMK - 7 (Sheet)
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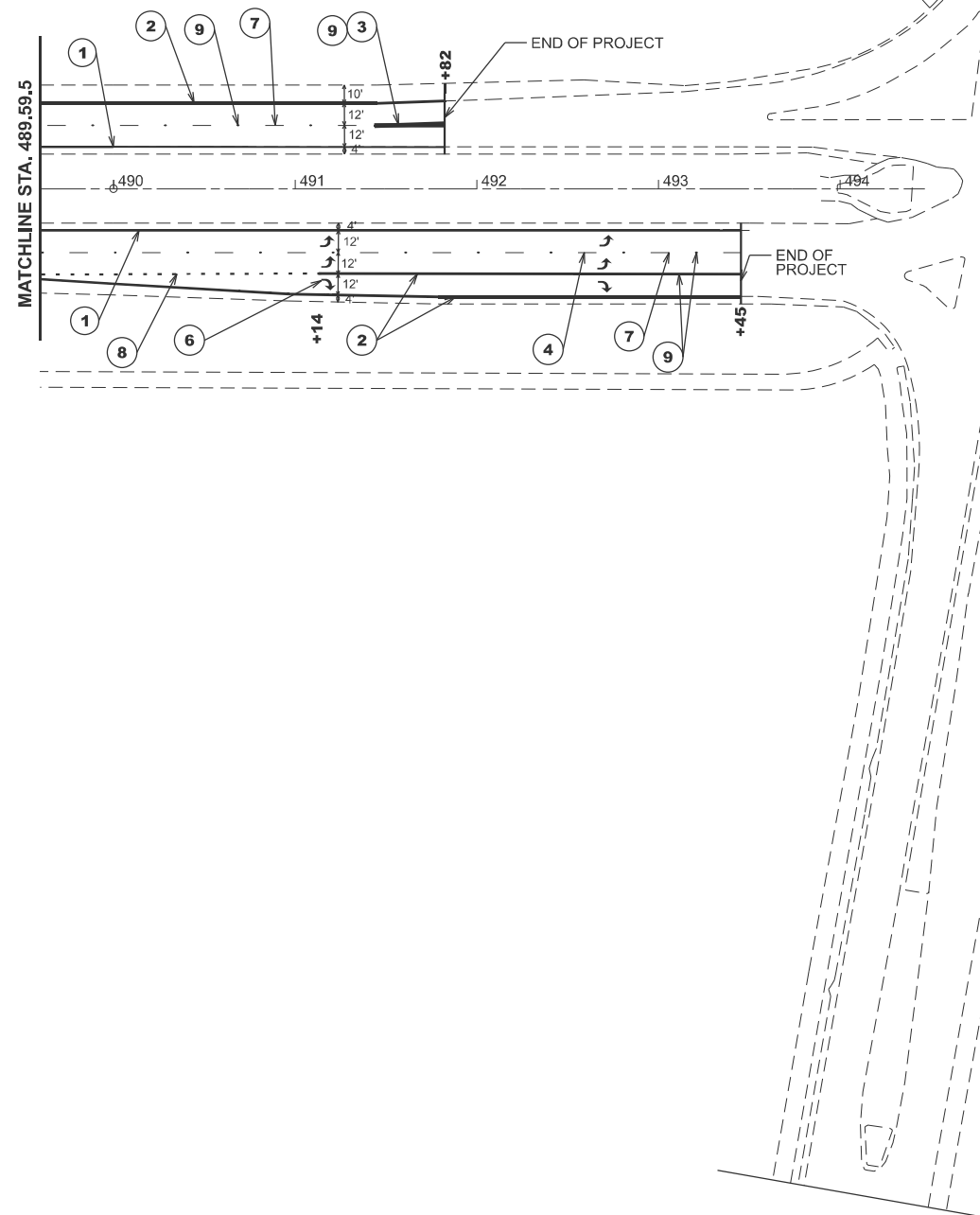
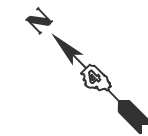
USER NAME	= Gerardo.Covarrubias	DESIGNED	-	REVISED	-
DRAWN		REVISION	-	REVISION	-
CHECKED		REVISION	-	REVISION	-
PLOT DATE	= 3/26/2026	DATE	-	REVISION	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING DETAILS

SCALE: 1"=50' SHEET 6 OF 7 SHEETS STA. 63+19.67 TO STA. 78+19.67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB(BRR;35RS-12;17RS-8	TAZEWELL	96	61
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID WHITE)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SKIP WHITE) 10'-40' RATIO
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SKIP WHITE) 3'-9' RATIO
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER



MODEL: PMK - 8 (Sheet)
 FILE NAME: c:\p\work\pavmark\covarrubias\1025494\488\15-sth-PMK.dgn

USER NAME = Gerardo.Covarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/26/2026	DATE -	REVISED -

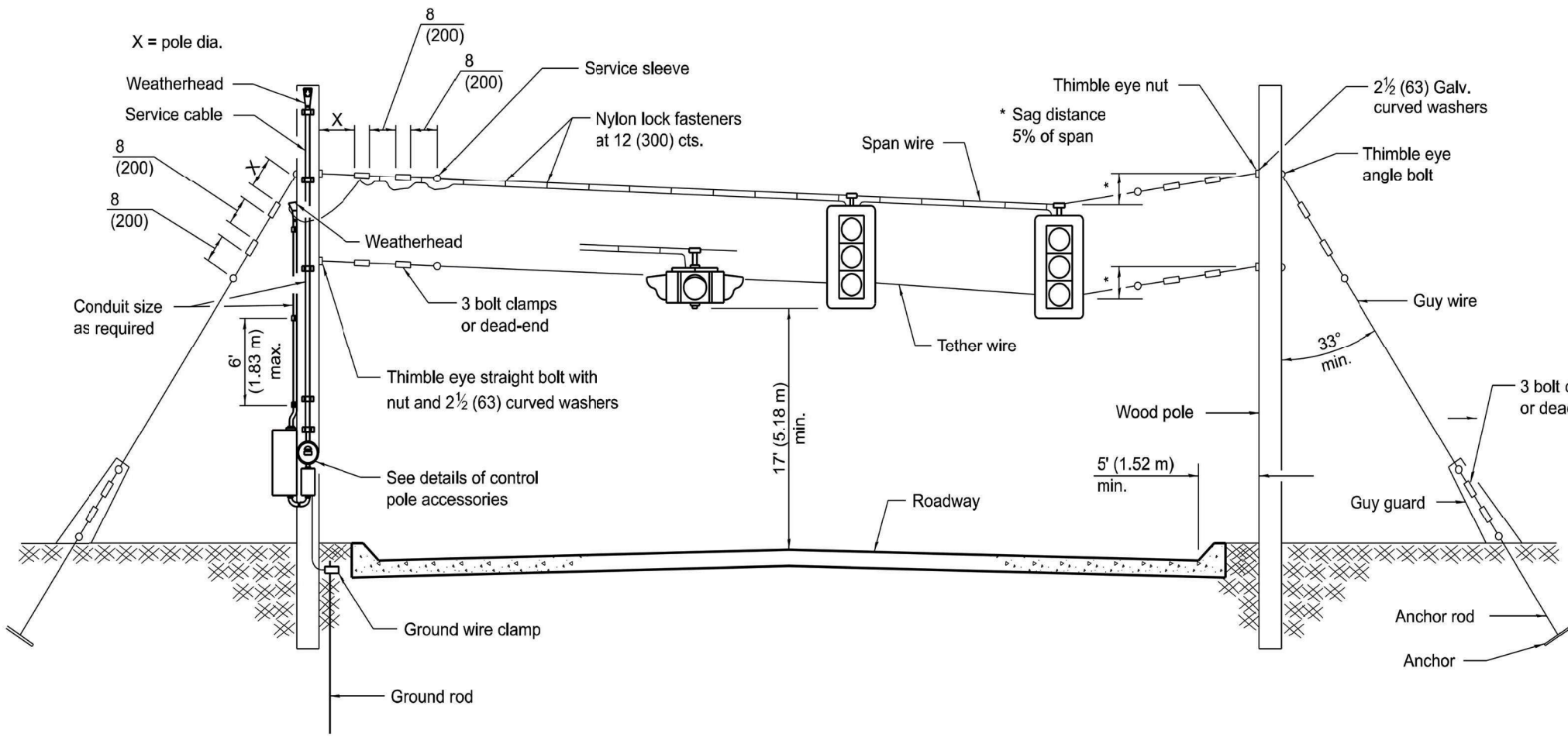
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING DETAILS

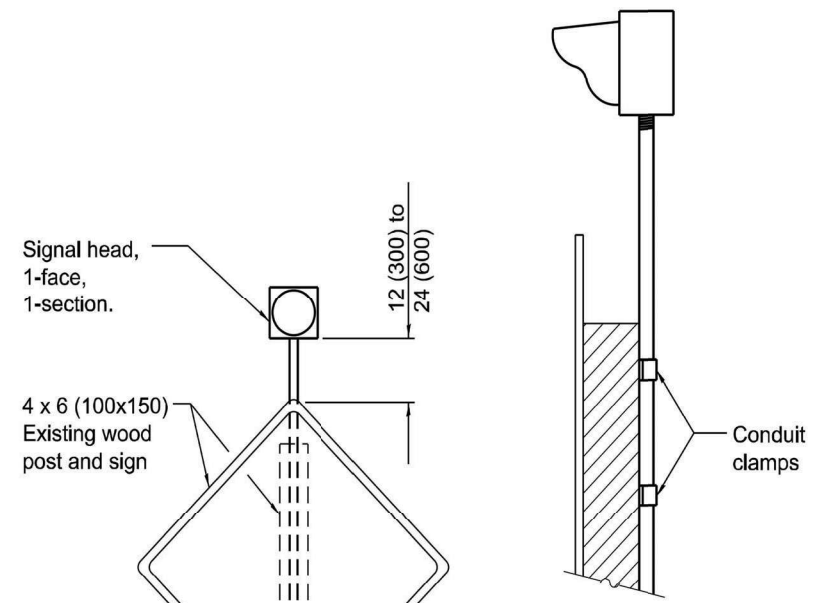
SCALE: 1"=50' SHEET 7 OF 7 SHEETS STA. 78+19.67 TO STA. 93+19.67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	62
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

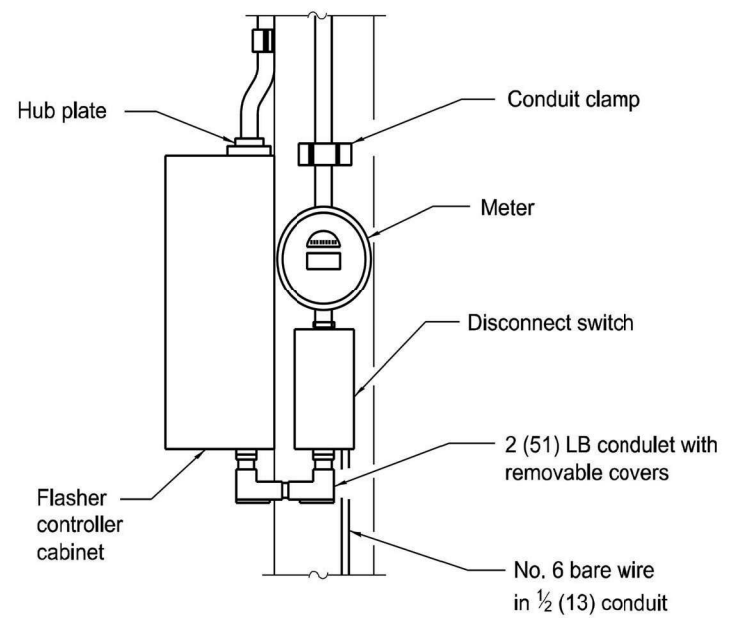
MODEL: 8_Span Wire Traffic Signal Installation
 FILE NAME: C:\Users\MariaRuedaRivas\A_Watris\Incl\Dept.20_Projects - Documents\IDOT PTB 218-437 TWM\WO 02_Temporary Signals\00_CADD FILES\00_CADD Drawings\468J15_Details.dgn



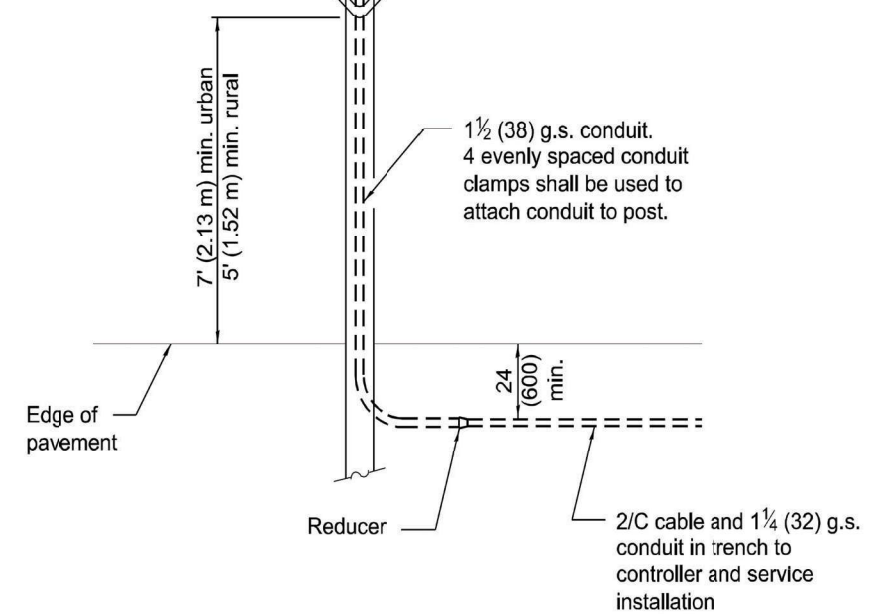
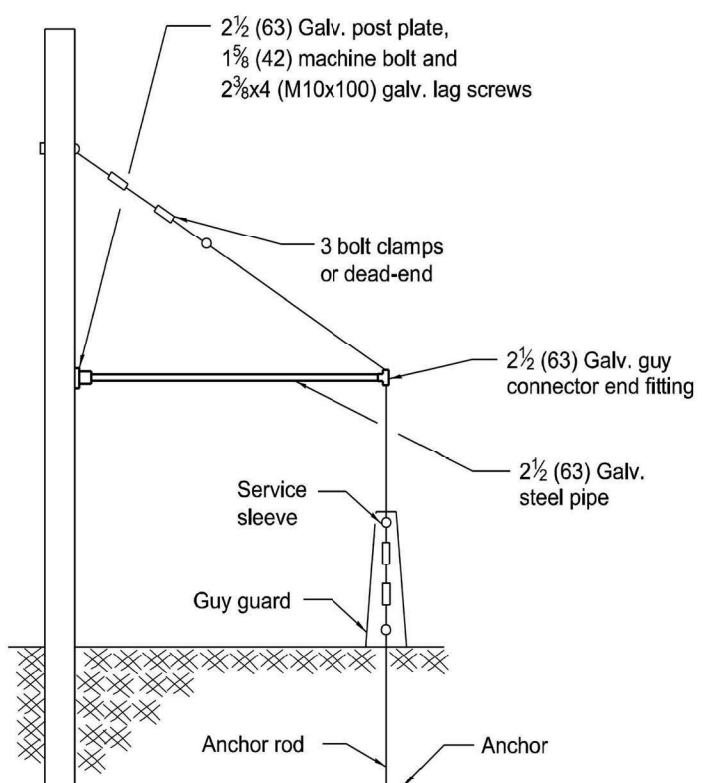
SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON



MOUNTING DETAIL



CONTROL POLE DETAIL



POST MOUNTED FLASHING BEACON

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



USER NAME = MariaRuedaRivas	DESIGNED - AK	REVISED -
	DRAWN - AK	REVISED -
	CHECKED - JWJ	REVISED -
PLOT DATE = 3/23/2026	DATE - 03/23/26	REVISED -

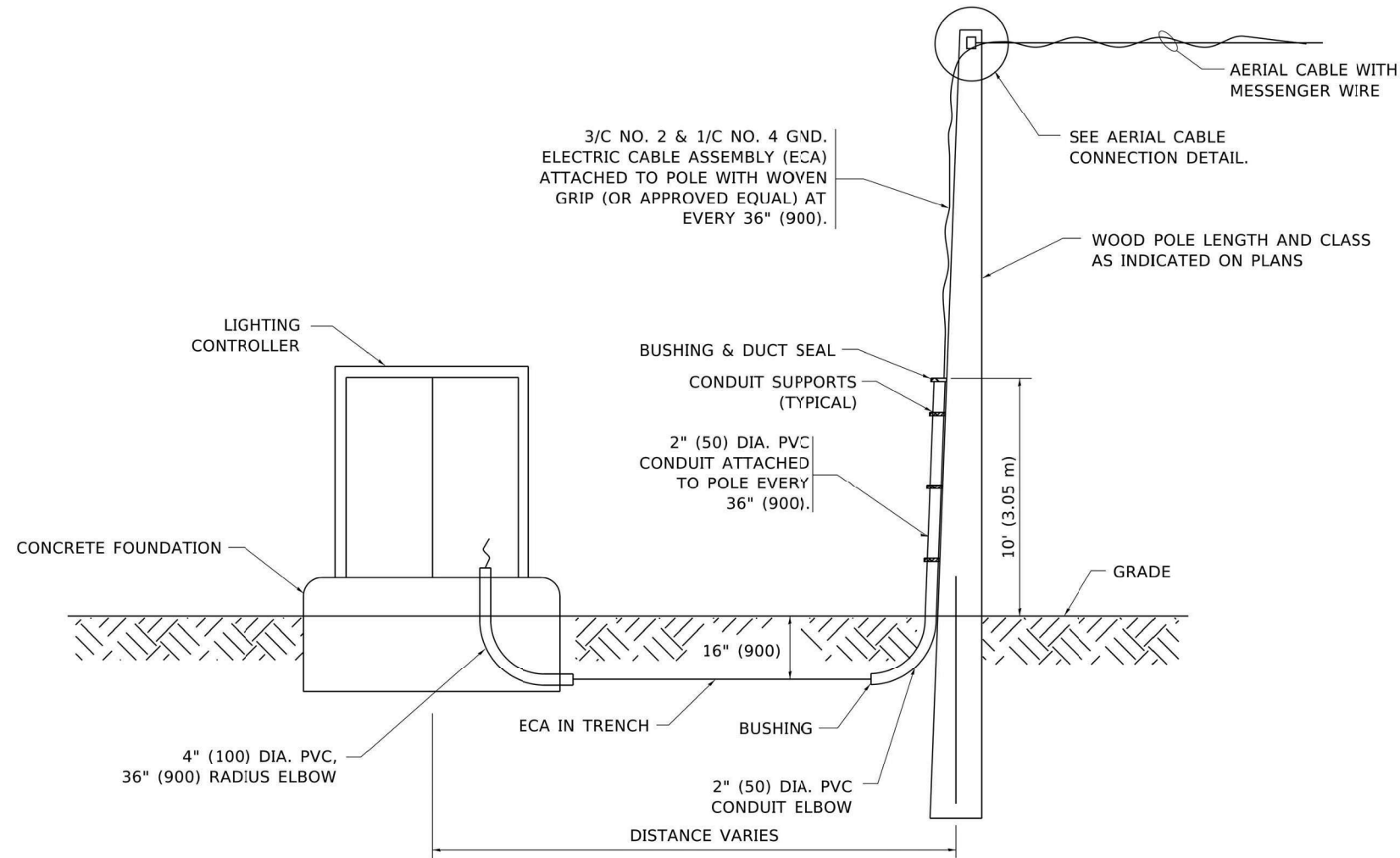
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPAN WIRE TRAFFIC SIGNAL INSTALLATION DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB\BRR\35RS-12\17RS-8	TAZEWELL	96	63
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

MODEL: 9_TEMPORARY AERIAL CABLE INSTALLATION
 FILE NAME: C:\Users\MariaRuedaRivas\A_Works\Incl\Dept.20_Projects - Documents\IDOT PTB 218-037 TWM\WO 02 Temporary Signals\00_CADD FILES\00_CADD Drawings\468115_Details.dgn



**WOOD POLE TO LIGHTING CONTROLLER
 WIRING CONNECTION DETAIL**
 N.T.S.

NOTES:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.
2. SEE PROPOSED LIGHTING PLAN FOR CONDUIT, CABLE AND ROUTING.
3. THE CONTRACTOR SHALL PROVIDE INTERMEDIATE SUPPORTS TO MAINTAIN MINIMUM CLEARANCES. REFER TO AERIAL CABLE ATTACHED TO STRUCTURE DETAIL.
4. COST OF SPLICES AND MOUNTING HARDWARE SHALL BE INCLUDED IN THE UNIT PRICE FOR AERIAL CABLE.



USER NAME	= MariaRuedaRivas	DESIGNED	- AK	REVISED	-
		DRAWN	- AK	REVISED	-
		CHECKED	- JWJ	REVISED	-
PLOT DATE	= 3/23/2026	DATE	- 03/23/26	REVISED	-

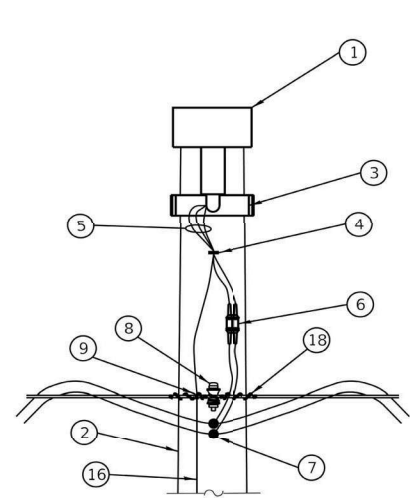
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TEMPORARY AERIAL CABLE INSTALLATION

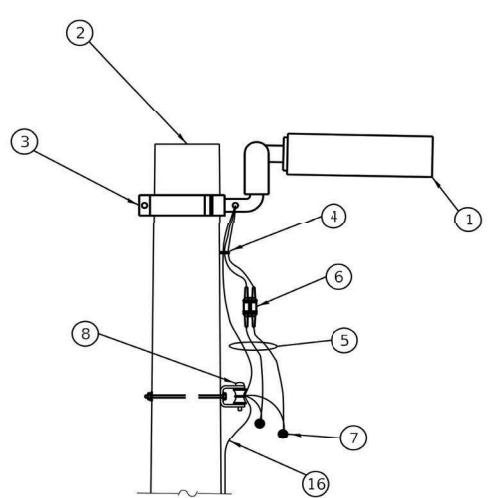
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	64
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

MODEL: 10_TEMPORARY ROADWAY LIGHTING
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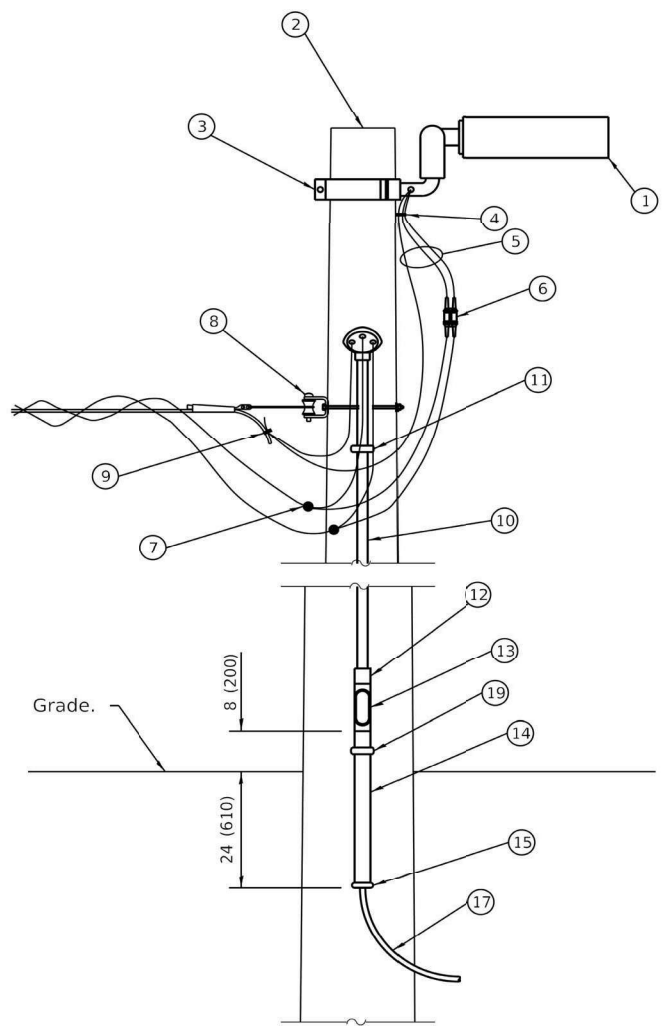
FACING VIEW



SIDE VIEW

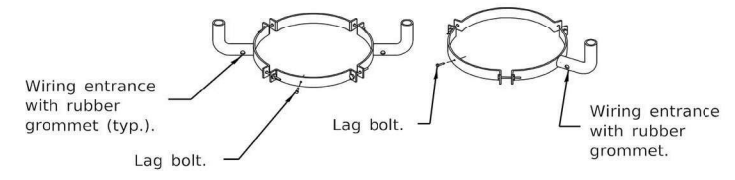
LUMINAIRE MOUNTING DETAILS

43' - 44' (13.1 m - 13.4 m) mounting height unless noted otherwise on plans.



LIGHT POLE WITH CIRCUIT ROUTED UNDERGROUND

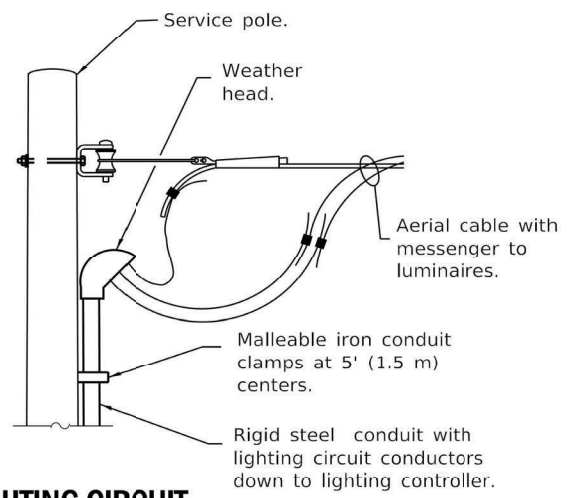
- ① Luminaire.
 - ② Wood light pole, 50' (15.2 m), class 3 (typ.). *
 - ③ Luminaire mounting bracket.
 - ④ Cable clamps on 24 (600) centers.
 - ⑤ Three #10 XLP-USE cable.
 - ⑥ Waterproof, two-pole fuse holder with fuses.
 - ⑦ Waterproof insulation piercing tap connector.
 - ⑧ Heavy duty insulated pulley clevis with mounting bolt and hardware.
 - ⑨ Ground clamp.
 - ⑩ 1 (25) rigid steel conduit. *
 - ⑪ Malleable iron conduit clamps, 5' (1.5 m) intervals.
 - ⑫ Threaded conduit reducer.
 - ⑬ "C" conduit, threaded.
 - ⑭ 1½ (40) rigid steel conduit. *
 - ⑮ Conduit bushing.
 - ⑯ #6 Bare copper ground wire to 10 ft. ground rod, every third light pole.
 - ⑰ Unit duct.
 - ⑱ Wire tie.
 - ⑲ Malleable iron conduit clamp below "C" conduit.
- * Size larger as needed.



TWIN

SINGLE

MOUNTING BRACKET DETAILS



LIGHTING CIRCUIT AT SERVICE/CONTROLLER

See standard 825001 for service installation.

GENERAL NOTES

See plans for wire and unit duct sizes and pole locations not shown.
 Provide guy wires with strain insulators and anchors, as needed.
 All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2019
me seppelt
 ELECTRICAL AND MECHANICAL UNIT CHIEF

APPROVED January 1, 2019
J. E. ...
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97



USER NAME	* MariaRuedaRivas	DESIGNED	- AK	REVISED	-
DRAWN	- AK	REVISIONS	-		
CHECKED	- JWJ	REVISIONS	-		
DATE	- 03/23/26	REVISIONS	-		
PLOT DATE	* 3/23/2026				

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DATE	REVISIONS
1-1-19	Revised Luminaire to be horizontal.
1-1-13	New standard.

TEMPORARY ROADWAY LIGHTING

STANDARD 830026-01

TEMPORARY LIGHTING DETAILS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	
				317	(18HB)BRR:35RS-12;17RS-8	TAZEWELL
				96	65	CONTRACT NO. 68J15

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SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
70106700	TEMPORARY RUMBLE STRIPS	EACH	2
72000100	SIGN PANEL - TYPE 1	SQ FT	8
72000200	SIGN PANEL - TYPE 2	SQ FT	96
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	7
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA	FOOT	150
81028770	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	100
* 89000200	TEMPORARY TRAFFIC SIGNAL INSTALLATION	L SUM	1
* 89502500	REMOVE TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
* X8500100	TEMPORARY FLASHING BEACON INSTALLATION	EACH	2
* X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

TEMPORARY TRAFFIC SIGNAL GENERAL NOTES:

1. THE CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE TEMPORARY TRAFFIC SIGNAL SYSTEM IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, APPLICABLE HIGHWAY STANDARDS, AND THESE PLANS.
2. THE TEMPORARY SIGNAL INSTALLATION SHALL INCLUDE, BUT NOT BE LIMITED TO, WOOD POLES, SPAN WIRE, SIGNAL HEADS, BACKPLATES, VEHICLE DETECTION SYSTEM, CONTROLLER, CABINET, ELECTRICAL SERVICE, GROUNDING, CONDUIT, CONDUCTORS, LUMINAIRES AND ALL APPURTENANCES REQUIRED FOR A FULLY OPERATIONAL SYSTEM.
3. ALL TEMPORARY WOOD POLES SHALL BE CLASS 2, MINIMUM 45-FOOT LENGTH, PRESSURE TREATED, AND INSTALLED WITH EMBEDMENT DEPTH IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS AND IDOT REQUIREMENTS.
4. SPAN WIRE (MESSENGER CABLE) SHALL BE MINIMUM 7/16-INCH EXTRA HIGH STRENGTH (EHS) GALVANIZED STRAND AND SIZED TO MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 18 FEET OVER THE ROADWAY AT MID-SPAN UNDER FULL LOAD. AERIAL SIGNAL CABLE SHALL BE SUPPORTED BY TEMPORARY WOOD POLES WITH GUY WIRES WHERE REQUIRED TO MAINTAIN PROPER CLEARANCE AND TENSION.
5. ALL TEMPORARY SIGNAL POLES SHALL BE LOCATED OUTSIDE THE REQUIRED CLEAR ZONE LIMITS (MINIMUM 30 FEET FROM EDGE OF TRAVELED WAY). NO POLES SHALL BE PLACED WITHIN THE MEDIAN. TEMPORARY WOOD POLES SHALL BE SPACED APPROXIMATELY 150 FEET FOR AERIAL SIGNAL CABLE INSTALLATION
6. SIGNAL HEADS SHALL BE 12-INCH LED TYPE WITH BACKPLATES. SIGNAL HEADS SHALL BE CENTERED OVER THEIR RESPECTIVE APPROACH LANES AND ALIGNED FOR PROPER VISIBILITY.
7. THE SIGNAL CONTROLLER SHALL BE NEMA TS2 COMPLIANT AND CAPABLE OF FULLY ACTUATED OPERATION. TIMING PARAMETERS SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE APPROVED TRAFFIC ANALYSIS AND AS DIRECTED BY THE ENGINEER. TRAFFIC CONTROLLER SHALL BE MOUNTED TO TEMPORARY POLE.
8. VEHICLE DETECTION SHALL BE RADAR-BASED (POLE MOUNTED) UNLESS OTHERWISE APPROVED. DETECTION ZONES SHALL PROVIDE FULL LANE COVERAGE AND ACCOMMODATE ANTICIPATED QUEUE LENGTHS.
9. ADVANCE WARNING SIGNING SHALL INCLUDE W3-4 "RED SIGNAL AHEAD"(48"X 48") WITH FLASHING BEACON AND W3-3 "SIGNAL AHEAD"(48"X 48") INSTALLED AT DISTANCES SHOWN ON THE PLANS IN ACCORDANCE WITH THE ILLINOIS MUTCD.
10. THE CONTRACTOR SHALL COORDINATE ELECTRICAL SERVICE INSTALLATION WITH THE UTILITY PROVIDER. THE LOCATION OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS. THE TEMPORARY SIGNAL SHALL NOT BE PLACED INTO OPERATION UNTIL INSPECTED AND APPROVED BY THE ENGINEER.
11. UPON COMPLETION OF THE TEMPORARY CONDITION, THE CONTRACTOR SHALL REMOVE THE TEMPORARY SIGNAL INSTALLATION AND RESTORE THE AREA TO ORIGINAL CONDITION.
12. WESTBOUND SIGNAL INDICATION SHALL OPERATE IN CONSTANT GREEN ARROW MODE. NO RED OR YELLOW INDICATION WILL BE DISPLAYED FOR WESTBOUND TRAFFIC.
13. THE CONTRACTOR SHALL SIZE, FURNISH AND INSTALL THE TRAFFIC SIGNAL CABLE BETWEEN THE TRAFFIC SIGNAL CONTROLLER AND EACH TRAFFIC SIGNAL DETECTOR.
14. CONDUIT CROSSING US-24 SHALL BE INSTALLED BY DIRECTIONAL BORING. PROVIDE MINIMUM 36" COVER BELOW PAVEMENT STRUCTURE. BORE 1 1/4" PVC SCHEDULE 40 CONDUIT IN A 3" PVC CONDUIT UNDER US-24 AND TRANSITION TO 1 1/4" PVC SCHEDULE 40 CONDUIT AT POLE AND SIGN LOCATIONS. THE SCHEDULE 40 WILL STUB-UPS AND CONTINUE TO RUN UP THE WOOD POST TO FLASHERS.
15. ROUTE THE RED SIGNAL AHEAD AND FLASHING BEACON INTERCONNECT CABLE DOWN THE WOOD POLE AND THROUGH NEW 1 1/4" SCHEDULE 40 PVC CONDUIT TO THE FLASHING BEACON SIGN. CONDUIT SHALL EXTEND ABOVE GRADE A MINIMUM OF 2' AND INTERCONNECT CABLE SHALL BE PROTECTED FROM POTENTIAL INCIDENTAL CONTACT BY PERSONS FOR MINIMUM OF 10' ABOVE GRADE. ANY CONDUIT ABOVE GRADE SHALL BE SECURED TO THE WOOD POLE OR SIGN POST AT 2' INTERVALS.
16. CONTRACTOR IS REQUIRED TO MAINTAIN OPERATION OF THE EXISTING LIGHTING SYSTEM INCLUDING ANY TEMPORARY LIGHTING EQUIPMENT INSTALLED AS PART OF THIS WORK.
17. ALL AERIAL CABLES FOR TEMPORARY LIGHTING SHALL INSTALLED A MINIMUM OF 3 FEET ABOVE ALL TRAFFIC SIGNAL EQUIPMENT AND WIRING OR 16 FEET ABOVE FINISHED GRADE, WHICHEVER IS GREATER.
18. ALL ELECTRICAL SYSTEMS, EQUIPMENT, AND APPURTENANCES MUST BE GROUNDED AND BONDED IN STRICT CONFORMANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE EVEN THOUGH EVERY DETAIL OF REQUIREMENTS IS NOT SPECIFIED OR SHOWN.
19. COMMENCEMENT OF WORK SHALL BE CONSTRUED AS EVIDENCE THAT A CAREFUL EXAMINATION OF THE PORTION OF EXISTING ROADWAY FOR THIS WORK AND ACCESS TO THE WORK SPACES HAS BEEN PERFORMED BY THE CONTRACTOR AND THAT THE CONTRACTOR IS FAMILIAR WITH THE EXISTING CONDITIONS AND ANY DIFFICULTIES THAT MAY AFFECT THE EXECUTION OF THE WORK. LATER CLAIMS BY THE CONTRACTOR WILL NOT BE PERMITTED FOR ADDITIONAL LABOR OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN DURING SUCH AND EXAMINATION.
20. ALL NEW LIGHTING EQUIPMENT AND WIRING SHOWN IS DIAGRAMMATIC TO SHOW INTENT. ACTUAL LOCATIONS IN THE FIELD MUST BE APPROVED BY THE ENGINEER.
21. ROUTE TEMPORARY AERIAL CABLES INTO THE BASE OF THE EXISTING LIGHTING UNIT TO REMAIN AND CONNECT CIRCUITS WITHIN THE BASE OF EXISTING POLE. CONTRACTOR SHALL PROVIDE A TEMPORARY MODIFIED AND WATERTIGHT POLE CAP TO ALLOW FOR INSTALLATION OF AERIAL CABLES INTO EXISTING POLE. ONCE WORK IS COMPLETE AND AERIAL CABLES ARE REMOVED, THE CONTRACTOR SHALL REINSTALL THE EXISTING POLE CAP.

TEMPORARY ADVANCE WARNING SIGN SCHEDULE

MUTCD SIGN NUMBER	DESCRIPTION	PROPOSED PANEL DIMENSIONS			SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2
		WIDTH	HEIGHT	AREA	72000100	72000200
		(FT)	(FT)	(SQ FT)	(SQ FT)	(SQ FT)
W3-3	SIGNAL AHEAD (SYMBOL)	4	4	16	32	
W3-4	RED SIGNAL AHEAD	4	4	16	32	
R10-6	STOP HERE ON RED	2.5	3	7.5	7.5	
W4-3L	LEFT LANE ADDED	4	4	16	32	



USER NAME = MariaRuedaRivas	DESIGNED - AK	REVISED -
	DRAWN - AK	REVISED -
	CHECKED - JWJL	REVISED -
PLOT DATE = 3/23/2026	DATE - 03/23/26	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL GENERAL NOTES,
SUMMARY OF QUANTITY AND SIGN SCHEDULE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB\BRR\35RS-12;17RS-8	TAZEWELL	96	66
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



EXISTING SERVICE POINT
 NOTE: INSTALL SERVICE DISCONNECT IN EXISTING SERVICE POINT CABINET AND PROVIDE AERIAL ELECTRICAL SERVICE TO TEMPORARY TRAFFIC SIGNAL CONTROLLER.

EXISTING LIGHTING CONTROLLER

1-3/C #6AWG WITH MESSENGER WIRE

GM

RAMP B

MATCHLINE STA. 15+47.6

RAMP B CLOSED

TURN LANE CLOSED IN ACCORDANCE WITH HIGHWAY STANDARD 701451 AND THESE DETAILS.

US-24

US-24

MATCHLINE STA. 20+00

US-24

US-24

TEMPORARY RUMBLE STRIP

NEW
 W3-3
 48X48
 STA 13+84
 OFF 13' RT

CLOSE LANE IN ACCORDANCE WITH HIGHWAY STANDARD 701422

CLOSE RAMP C IN ACCORDANCE WITH HIGHWAY STANDARD 701451

LEGEND

- DRUM
- ⊥ TRAFFIC BARRIER TYPE III
- TUBULAR MARKERS (10' SPACING)
- ▬ TEMPORARY CONCRETE BARRIER
- ▬ TEMPORARY IMPACT ATTENUATOR



MODEL: Stage 1 US 24 BUS 24 - 6 (Sheet)
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USER NAME = AllieuKamara	DESIGNED - AK	REVISED -
	DRAWN - AK	REVISED -
	CHECKED - JWJL	REVISED -
PLOT DATE = 3/23/2026	DATE - 03/23/26	REVISED -

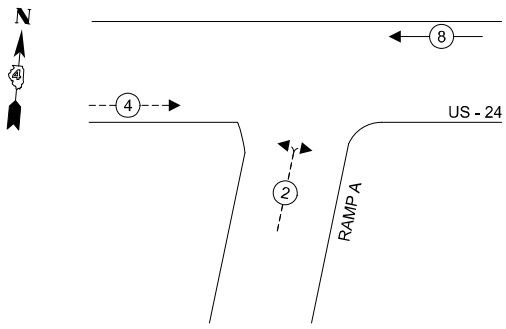
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL AND SIGNING PLAN
 STAGE I - RAMP B & C

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 5+00.00 TO STA. 20+00.00

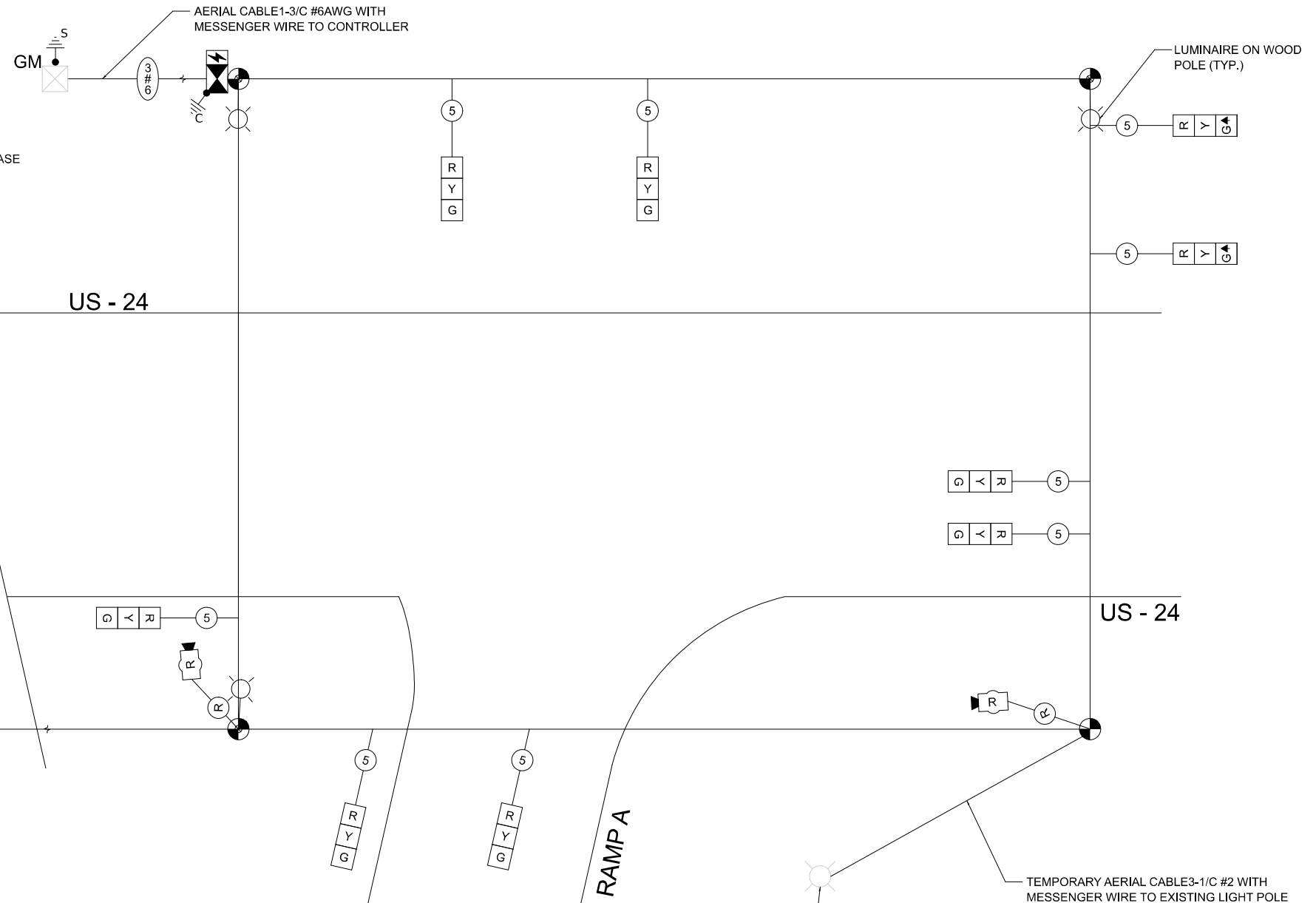
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317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	67
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

TEMPORARY CONTROLLER PHASE DIAGRAM



LEGEND:

- ← (⊛) ← PROTECTED PHASE
- ← (⊛) - - - PROTECTED/PERMISSIVE PHASE
- ← (⊛) → PEDESTRIAN PHASE



CABLE PLAN
(NOT TO SCALE)

NOTE:

1. WESTBOUND SIGNAL INDICATION SHALL OPERATE IN CONSTANT GREEN ARROW MODE. NO RED OR YELLOW INDICATION WILL BE DISPLAYED FOR WESTBOUND TRAFFIC.
2. TEMPORARY LED LUMINAIRE SHALL BE MOUNTED ON THE WOOD SIGNAL POLE TO ILLUMINATE THE STOP BAR AREA.

ILLUMINATED SIGNS
UNDERGROUND CONDUIT

TRAFFIC SIGNAL ELECTRIC SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	9	11	99
4-SECTION	-	14	-
5-SECTION	-	13	-
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	-	15	-
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR	3	20	60
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
PTZ CAMERA	-	75	-
TOTAL UPS SIZING			334
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	3	240	720
TOTAL SERVICE WIRE SIZING			1,659

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC SERVICE INSTALLATION, POLE MOUNTED	EACH	1
TEMPORARY RUMBLE STRIPS	EACH	2
SIGN PANEL TYPE 1	SQ FT	8
SIGN PANEL TYPE 2	SQ FT	96
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
REMOVE TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1

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USER NAME = MariaRuedaRivas
PLOT DATE = 3/23/2026

DESIGNED - AK
DRAWN - AK
CHECKED - JWJ
DATE - 03/23/26

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN & TEMPORARY PHASE DESIGNATION
DIAGRAM - US24 AT RAMP A

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR:35RS-12;17RS-8	TAZEWELL	96	69
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

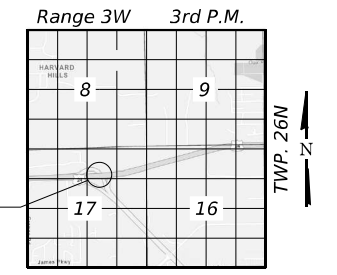
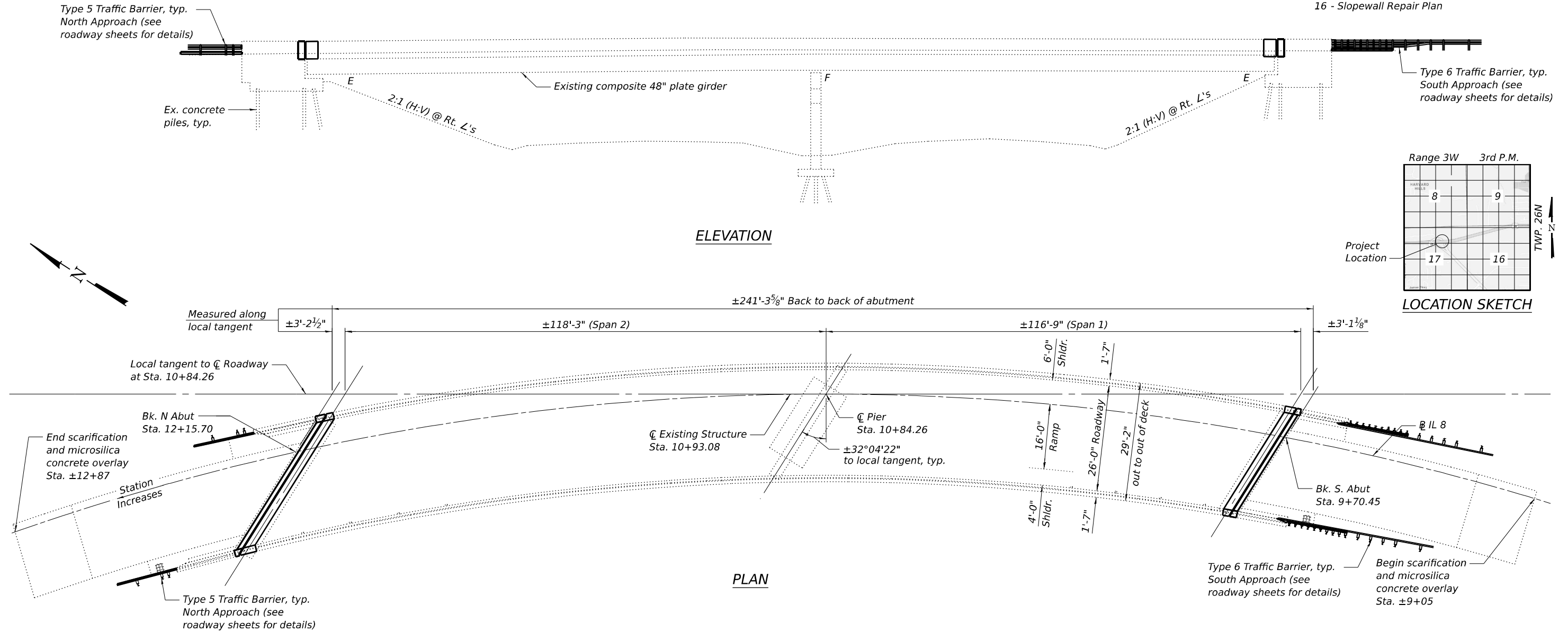
Existing Structure: SN 090-0124 was originally constructed in 1988 under Section 18HB. The superstructure consists of a curved two-span steel beam structure which measures 241'-3⁵/₈" back-to-back of abutments (measured along local tangent line) and a 29'-2" out-to-out (measured radially) reinforced concrete deck. The structure is supported with cast-in-place non-integral abutments and one cast-in-place hammer-head stype pier on concrete piles.

Traffic Control: Structure is to be closed during construction. See Roadway Plans for detour information.

Salvage: None.

INDEX OF SHEETS

- 1 - General Plan & Elevation
- 2 - General Data
- 3 - Superstructure Concrete Removal
- 4 - Superstructure
- 5 - Superstructure Details
- 6 - Superstructure Repair Plan
- 7 - Superstructure Overlay Plan
- 8 - Preformed Joint Strip Seal
- 9 - Approach Drain Adjustment Details
- 10 - North Abutment Concrete Removal
- 11 - North Abutment Plan & Elevation
- 12 - South Abutment Concrete Removal
- 13 - South Abutment Plan & Elevation
- 14 - North Abutment Repair Plan
- 15 - South Abutment Repair Plan
- 16 - Slope Wall Repair Plan



CURVE DATA

P.I. Sta. = 16+15.86
 $\Delta = 103^\circ 12' 59''$
 $D = 9^\circ 30' 00''$
 $R = 603.1135'$
 $T = 761.1623'$
 $L = 1086.4875'$
 $E = 368.03'$
 $e = 0.080'$
 P.C. Sta. = 8+54.70
 P.T. Sta. = 19+41.19

DESIGN STRESSES

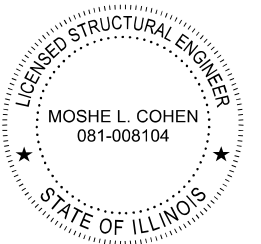
EXISTING STRUCTURE
 $f_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (M-223 Grade 50 or M-222 Structural Steel)
 $f_y = 36,000$ psi (M-183 Structural Steel)

FIELD UNITS
 $f_c = 4,000$ psi
 $f_y = 60,000$ psi (Reinforcement)

LOADING HS20-44
 Allow 6 psf for Future Wearing Surface

DESIGN SPECIFICATIONS
 2002 AASHTO Standard Specifications
 for Highway Bridges, 17th Edition

GENERAL PLAN & ELEVATION
IL ROUTE 8 EASTBOUND TO U.S. ROUTE 24 WESTBOUND
OVER U.S. ROUTE 24
SECTION (18HB)BRR;35RS-12;17RS-8
TAZEWELL COUNTY
STATION 10+84.26
STRUCTURE NO. 090-0124



SIGNED: *Moshe L. Cohen*
 DATE: 2026-04-24
 ILLINOIS STRUCTURAL ENGINEER
 NO. 081-008104
 LICENSE EXPIRES: 11-30-2026



USER NAME =	DESIGNED - MLC	REVISED -
PLOT SCALE =	CHECKED - MMC	REVISED -
PLOT DATE =	DRAWN - MLC	REVISED -
	CHECKED - MMC	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 1 OF 16 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
49	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	70
CONTRACT NO. 68J15				

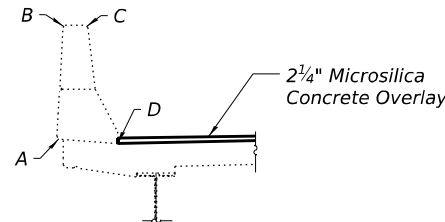
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 4/24/2026 9:40:36 AM

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. Plan dimensions and details relative to existing structure have been taken from existing plans and 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.
3. Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications at ambient temperatures other than 50°F.
4. All exposed concrete edges shall have a standard 3/4" chamfer unless noted otherwise.
5. Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

SCOPE OF WORK

1. Remove existing neoprene expansion joints at abutments.
2. Remove existing anti-icing nozzles, accompanying hardware, and pavement sensor.
3. Scarify bridge deck, approach slabs, and PCC pavement connectors.
4. Remove and reconstruct abutment backwalls.
5. Reconstruct deck joints at the abutments with preformed joint strip seal.
6. Repair bridge deck at full depth patching locations.
7. Repair the existing PCC pavement connectors, and remove the Preformed Joint Seal joints located between the connectors and the approach slabs. Remove the approach slab concrete adjacent to the joints as shown on the plans. Place new concrete at the end of the approach slabs at the joint location and install the designated type of silicone joint sealer.
8. Remove and reconstruct the curb on the approach slabs.
9. Adjust the approach drains as detailed on Sheet 9 of 16.
10. Install the Microsilica Concrete Overlay on the bridge deck, approach slabs, and PCC pavement connectors.
11. Complete the Bridge Deck Grooving.
12. Apply Surface Filler (Special) and Protective Coat (Special) to the parapet concrete and Protective Coat to the new concrete and the Microsilica Concrete Overlay.
13. Complete the Epoxy Crack Injection & Structural Repair of Concrete (Depth Equal to or Less than 5 Inches) at the abutments, as detailed on Sheets 14 & 15 of 16.
14. Fill the gap between the south abutment and slope wall using Slope Wall Slurry Pumping (Special), as detailed on Sheet 16 of 16.



TYPICAL SECTION THRU PARAPET

For dimensions, see sections on sheets 5, 11, and 13 of 16.

Surface Filler (Special) shall be applied prior to the Protective Coat (Special) per special provisions.

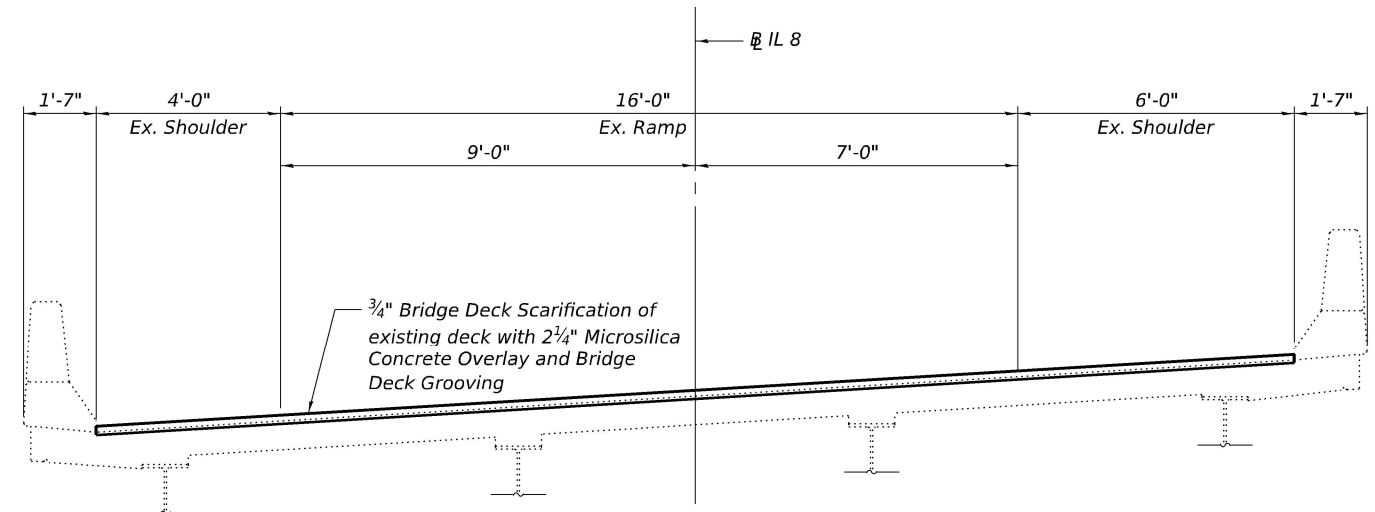
Protective Coat (Special) to cover from point A through points B, C, & D of the existing & new portions of the bridge & wing wall parapet.

Following application of the Protective Coat (Special), the Contractor shall reapply the stenciled structure number on the parapet in black paint with 2 1/2" numbers with the same format 090-0124. This work shall be considered included in the cost of Protective Coat (Special).

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Curb Removal	Foot	22	-	22
Concrete Removal	Cu. Yd.	7.0	4.6	11.6
Concrete Superstructure	Cu. Yd.	7.9	4.9	12.8
Bridge Deck Grooving	Sq. Yd.	904	-	904
* Protective Coat	Sq. Yd.	999	-	999
Reinforcement Bars, Epoxy Coated	Pound	950	550	1640
Preformed Joint Seal 4"	Foot	32	-	32
Preformed Joint Strip Seal	Foot	70	-	70
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	5	-	5
Bridge Deck Scarification 3/4"	Sq. Yd.	977	-	977
Bridge Deck Microsilica Concrete Overlay 2 1/2"	Sq. Yd.	977	-	977
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	-	33	33
Epoxy Crack Injection	Foot	-	11	11
Inlets to be Adjusted	Each	2	-	2
Concrete Curb, Type B	Foot	60	-	60
Protective Shield (Permanent)	Sq. Yd.	389	-	389
** Surface Filler (Special)	Gallon	1	-	1
Protective Coat (Special)	Sq. Yd.	350	45	395
Slope Wall Slurry Pumping	Cu. Yd.	-	1	1

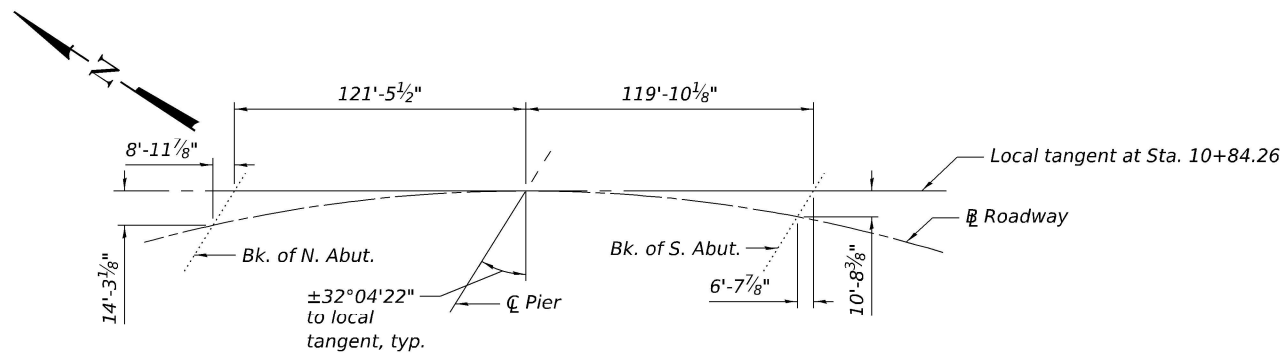
* On Microsilica Concrete Overlay only (Deck, Approaches, and Connectors)
 ** On both new and existing Parapet Concrete



TYPICAL SECTION

(Looking North)
 (Bridge deck shown, approach slabs similar)

Notes:
 All dimensions are taken radially unless noted otherwise.



LAYOUT PLAN

MODEL: General Data
 FILE NAME: pw://keg-pw/bentley.com/keg-pw-01/Projects/24-1124.08 PTB 213-38 WOS SN 090-0124 Preservation/0_IDOT/Bridge/0900124-D168/15-002-General Data

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PLOT DATE =	DRAWN - MLC	REVISED -
	CHECKED - MMC	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

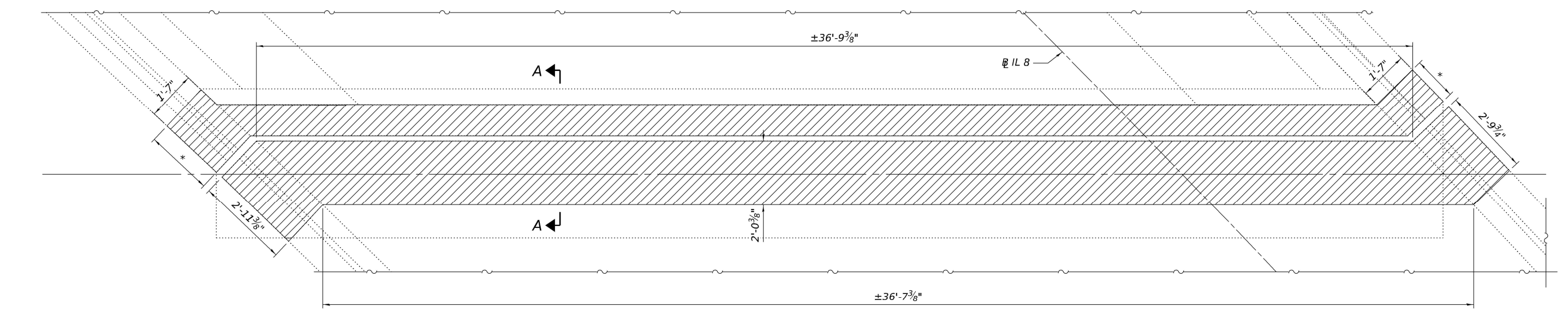
GENERAL DATA
STRUCTURE NO. 090-0124

SHEET 2 OF 16 SHEETS

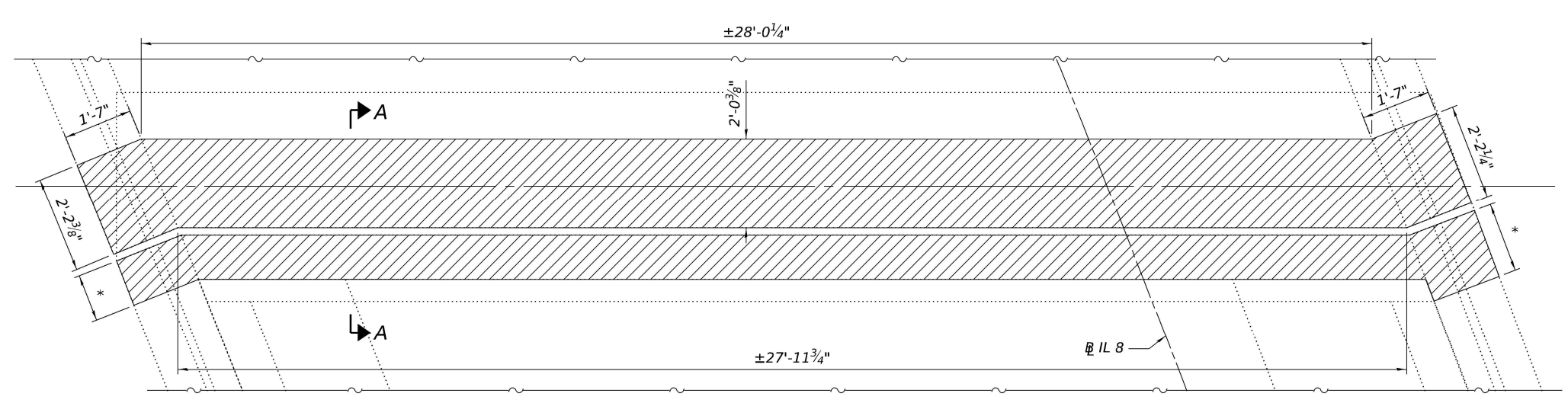
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
49	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	71
CONTRACT NO. 68J15				

ILLINOIS FED. AID PROJECT

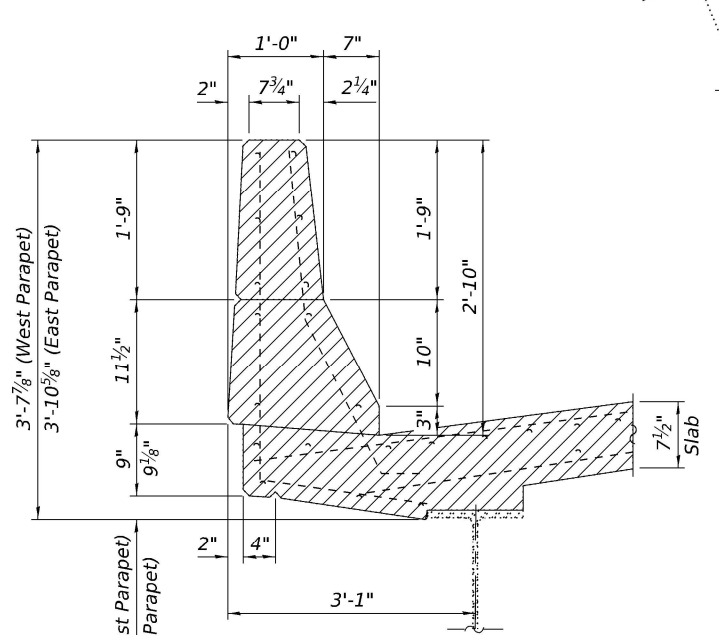
MODEL: Superstructure Concrete Removal
 FILE NAME: pw://keg-pw.tentley.com/keg-pw-01/Documents/IDOT/Projects/24-1124.08 PTB 213-38 WOS SN 090-0124 Preservation/IDOT/Bridge/0900124-D468J15-003-Super Conc. Removal



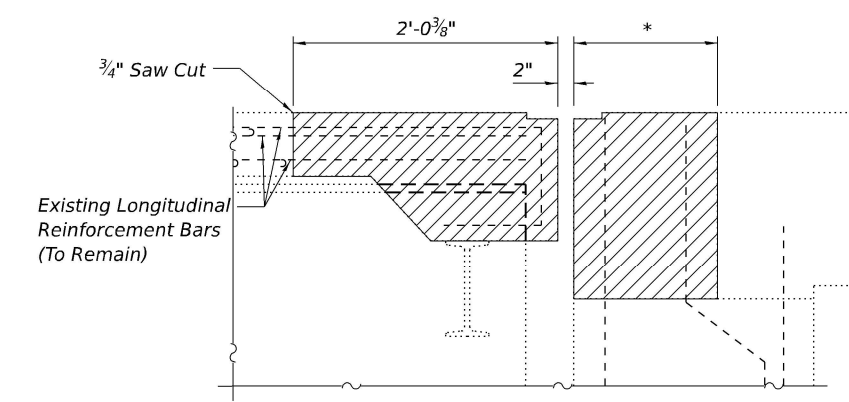
PLAN
(North Abutment)



PLAN
(South Abutment)



SECTION THRU PARAPET



SECTION A-A

Notes:
 The Contractor shall use extreme care during concrete removal so as not to damage the existing steel beams. Any steel damaged during concrete removal operations shall be repaired at the Contractor's expense.
 Removal of existing expansion joint and associated material shall not be paid for separately, but shall be included in the cost of Concrete Removal.
 Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into new construction.
 Any reinforcement bars that are damaged during concrete removal operations shall be replaced at the Contractor's expense.
 Stud shear connectors damaged during concrete removal operations shall be removed and replaced per Section 505 of the Standard Specifications at the Contractor's expense.

* See sheets 10 through 13 of 16 for abutment concrete removal and reconstruction details.

LEGEND

- Indicates Limits of Concrete Removal

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Concrete Removal	Cu. Yd.	5.9



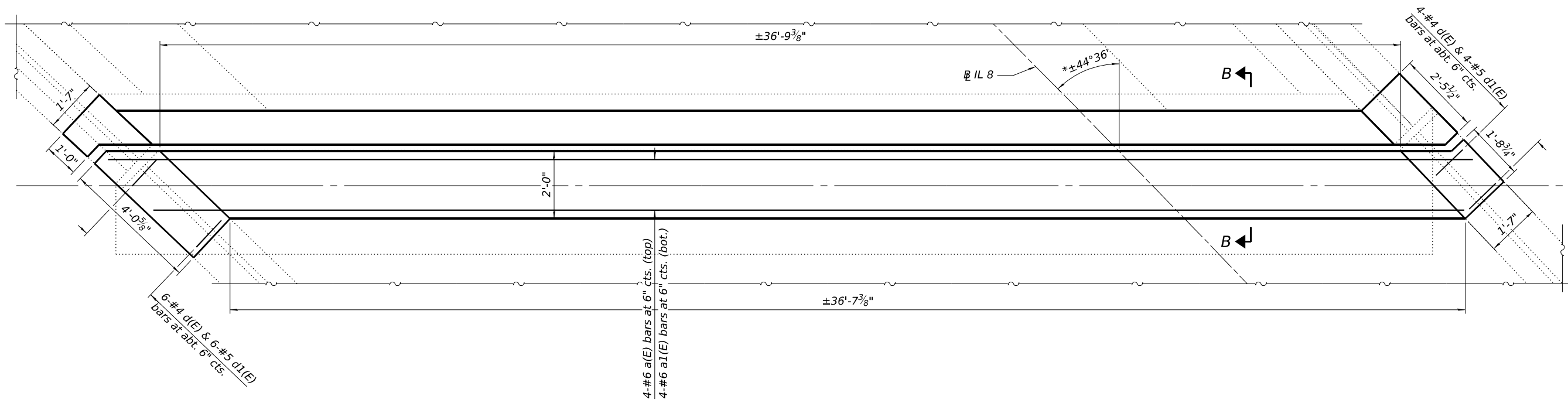
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CHECKED - MLC	REVISIONS -	
PLOT SCALE =	DRAWN - MTH	REVISIONS -
PLOT DATE =	CHECKED - MLC	REVISIONS -

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DEPARTMENT OF TRANSPORTATION

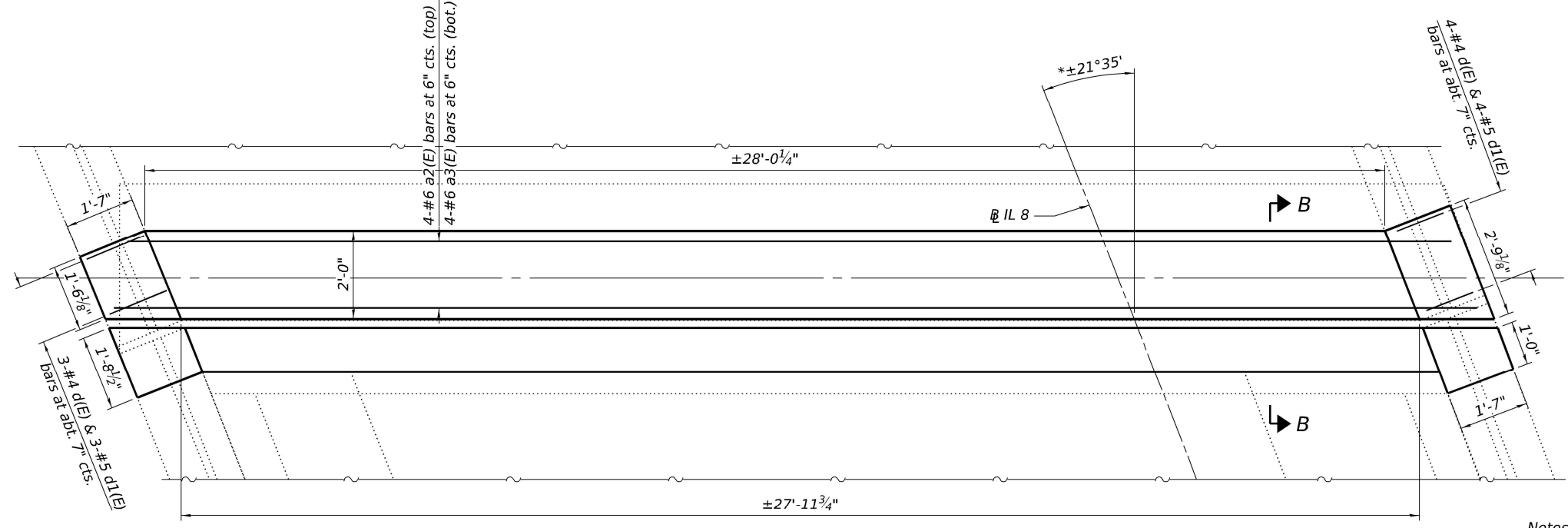
SUPERSTRUCTURE CONCRETE REMOVAL
STRUCTURE NO. 090-0124

SHEET 3 OF 16 SHEETS

F.A.P. RTE. 49	SECTION (18HB)BRR;35RS-12;17RS-8	COUNTY TAZEWELL	TOTAL SHEETS 96	SHEET NO. 72
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



PLAN
(North Abutment)



PLAN
(South Abutment)

Notes:
 See Sheet 5 of 16 for Section B-B.
 Order a(E), a1(E), a2(E), and a3(E) full-length and cut to fit in the field.

*The skew angles shown are approximate and to IL 8. The skew angle of each substructure unit to local tangent is $\pm 32^\circ 04' 22"$, as detailed on Sheet 1 of 16.

MODEL: Superstructure
 FILE NAME: pwr://keg-pw.bentley.com/keg-pw-01/Documents/IDOT Projects/24-1124.08 PTB 213-38 WOS SN 090-0124 Preservation/0_IDOT/Bridge/0900124-D468/15-004-Superstructure



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	CHECKED - MLC	REVISED -
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PLOT DATE =	CHECKED - MLC	REVISED -

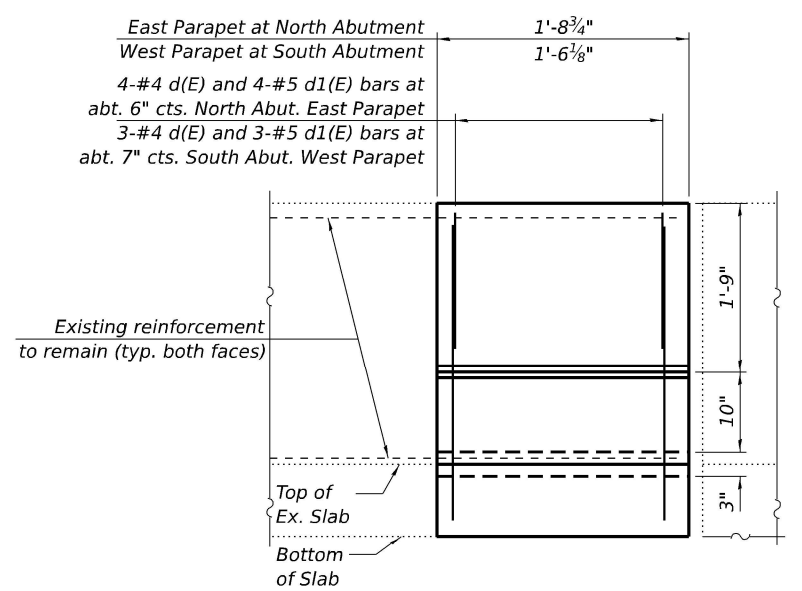
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE
STRUCTURE NO. 090-0124

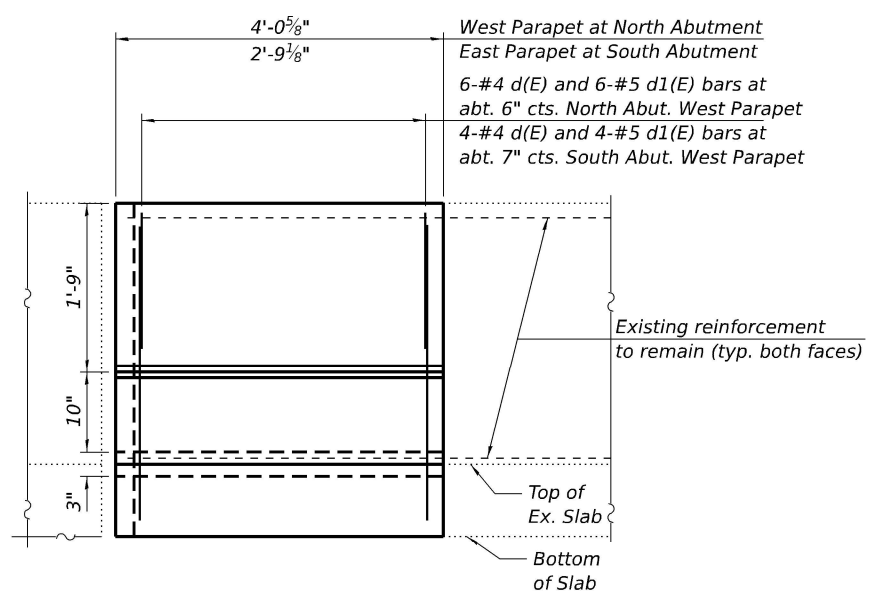
SHEET 4 OF 16 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
49	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	73
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

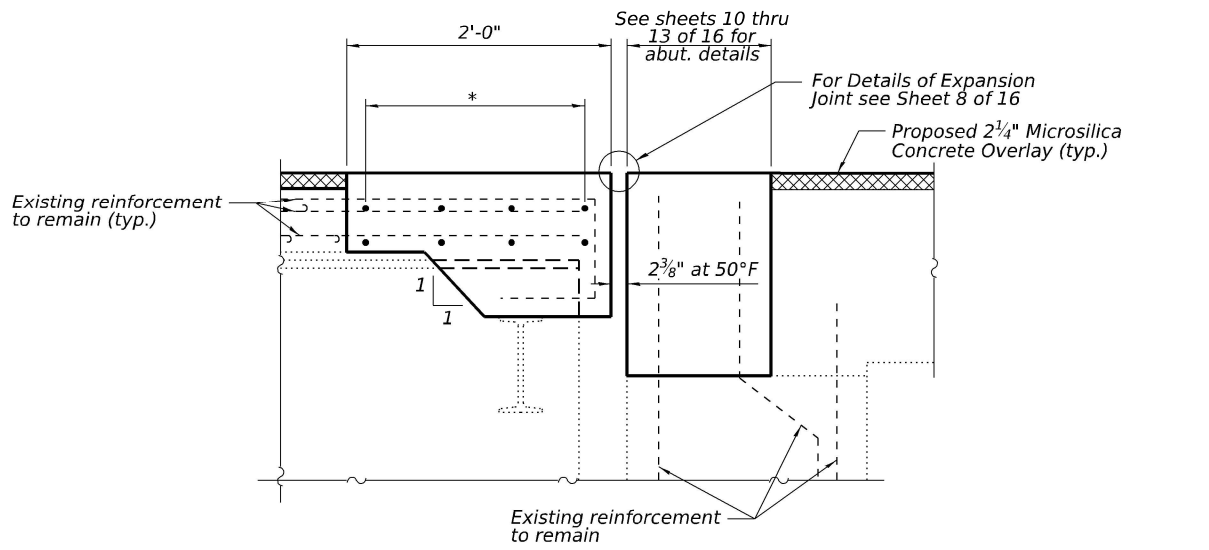
MODEL: Superstructure Details
 FILE NAME: pw://keg-pw/bentley.com:keg-pw-01/Documents/IDOT Projects/24-1124.08 PTB 213-38 WOS SN 090-0124 Preservation0_IDOT/Bridge/0900124-D468/15-005-Super Details



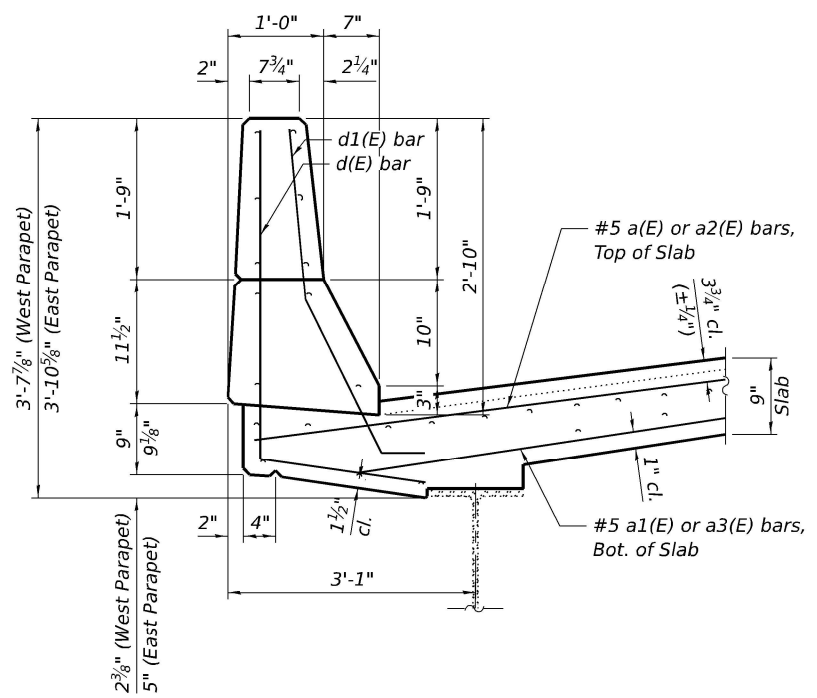
OUTSIDE PARAPET ELEVATION
 East Parapet at North Abutment
 West Parapet at South Abutment



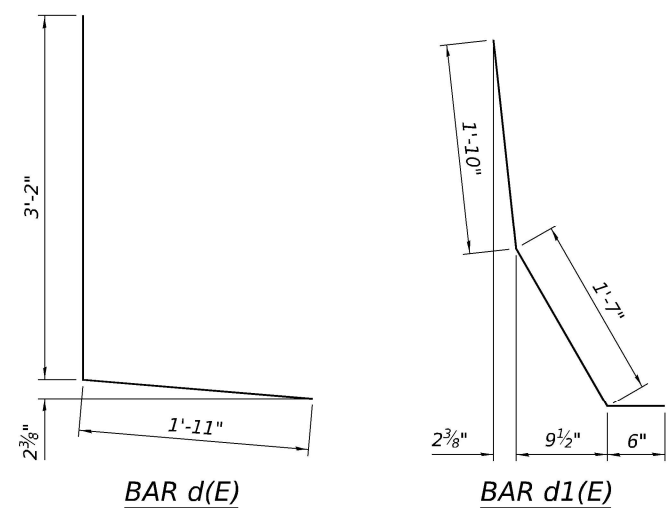
OUTSIDE PARAPET ELEVATION
 West Parapet at North Abutment
 East Parapet at South Abutment



SECTION B-B
 * 4-#5 a(E) or a2(E) bars at 6" cts., Top of Slab;
 4-#5 a1(E) or a3(E) bars at 6" cts., Bot. of Slab



SECTION THRU PARAPET



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	4	#6	40'-8"	—
a1(E)	4	#6	37'-10"	—
a2(F)	4	#6	30'-10"	—
a3(E)	4	#6	28'-0"	—
d(E)	17	#4	5'-1"	└
d1(E)	17	#5	3'-11"	└
Concrete Superstructure			Cu. Yd.	6.5
Reinforcement Bars, Epoxy Coated			Pound	950

Note:
 Order transverse bars full length and trim in field to fit skew.

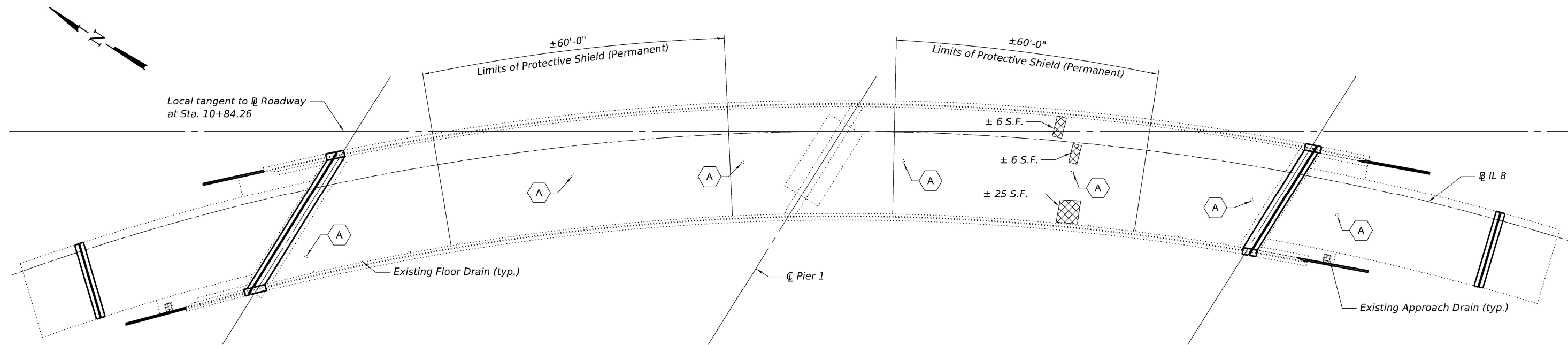
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SUPERSTRUCTURE DETAILS
STRUCTURE NO. 090-0124
 SHEET 5 OF 16 SHEETS

F.A.P. RTE. 49	SECTION (18HB)BRR;35RS-12;17RS-8	COUNTY TAZEWELL	TOTAL SHEETS 96	SHEET NO. 74
			CONTRACT NO. 68J15	
ILLINOIS FED. AID PROJECT				

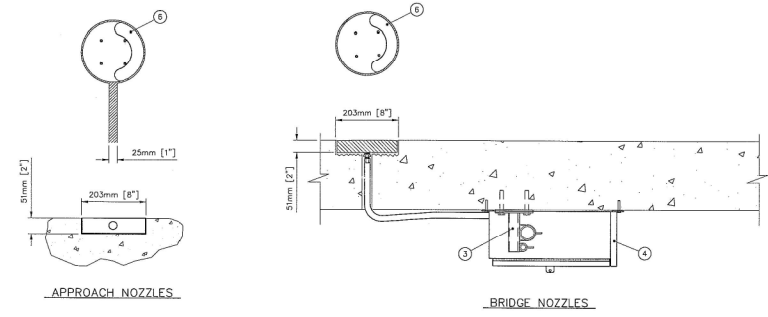


SUPERSTRUCTURE REPAIR PLAN

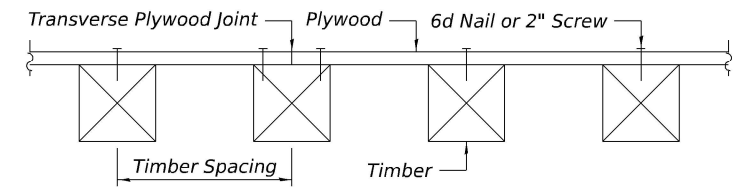
Notes:
 Locations of anti-icing nozzles and pavement sensor are approximate. Anti-icing nozzles, pavement sensor, flexible tubing, and pipe/conduits slotted into the approaches shall be removed. All junction boxed, conduits, pipes, hoses, and brackets of the deicing system that are attached to the structure shall be removed. Removal of these items will be paid for in accordance with Article 109.04 of the Standard Specifications. The full depth 1" holes shall be cleaned and filled with high strength non-shrink grout and allowed to fully cure prior to deck scarification. The 2" deep nozzle cavity will be filled monolithically with the microsilica concrete overlay. See Sheet 7 of 16 for Bill of Materials. See special provision for Permanent Protective Shield System. Timber sizes shown are nominal sizes. Rough sawn timber of the dimensions shown will also be considered acceptable. The minimum Fb and Fv values shown are tabulated design values given in the National Design Specification for Wood Construction for No. 2 Spruce-Pine-Fir without adjustment factors applied. Better grades or other species with equal or higher allowable stresses will also be considered acceptable. The timber spacings shown have been determined using allowable stresses with all adjustment factors necessary for the anticipated service conditions. All timber shall be treated. Plywood shall be 5/8" rated Exterior type plywood by APA. Plywood shall be placed such that the face grain is perpendicular to the timber supports. When less than a full sheet (4' width) of plywood is used, the width of the strip used shall not be less than 2'. Transverse plywood joints shall be supported by timbers. When 4" x 6" timbers are used, they shall be placed such that the wide face is horizontal and the narrow face is vertical. Design load = 200 psf.

TIMBER SPACING FOR PROTECTIVE SHIELD (PERMANENT)

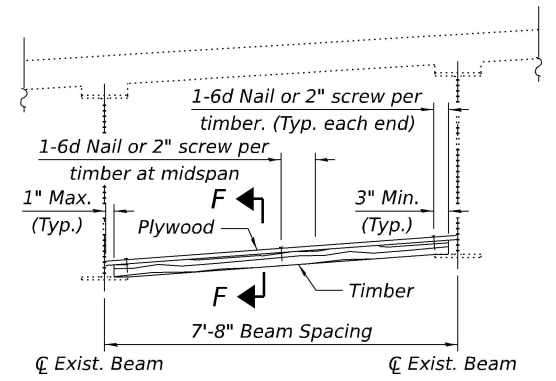
Beam Spacing	Timber Sizes (in.)		
	4" x 4" with min. Fb=775 psi Fv=135 psi	4" x 6" with min. Fb=775 psi Fv=135 psi	6" x 6" with min. Fb=575 psi Fv=125 psi
7'-8"	8	16	16



ANTI-ICING NOZZLE TYPICAL DETAIL
 See original Anti-icing System plans for keyed notes.



SECTION F-F



PROTECTIVE SHIELD (PERMANENT) FOR USE WITH STEEL BEAMS

LEGEND

- Deck Slab Repair (Full Depth, Type II)
- Anti-icing Nozzle/Sensor

MODEL: Superstructure Repair Plan
 FILE NAME: pw://keg-pw/bentley.com/keg-pw-01/Documents/IDOT Projects/24-1124.08 PTB 21-38 WOS SN 090-0124 Preservation/0900124-D468/15-006-Super Repair Plan



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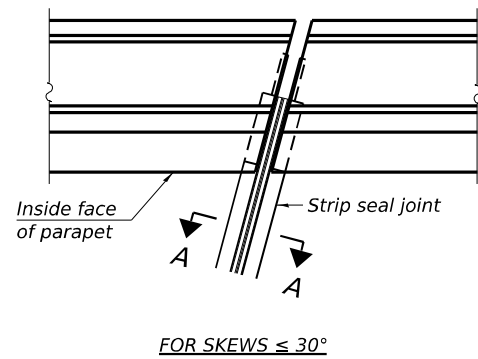
**SUPERSTRUCTURE REPAIR PLAN
 STRUCTURE NO. 090-0124**

SHEET 6 OF 16 SHEETS

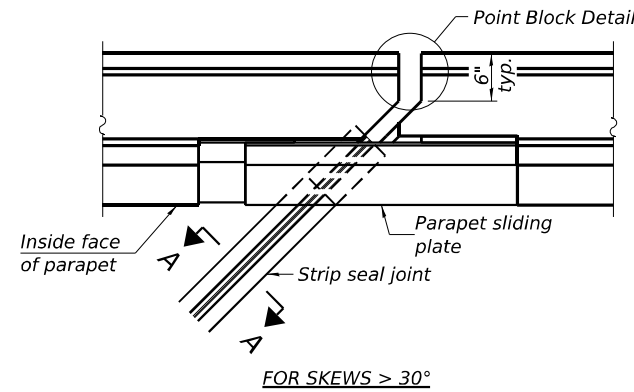
F.A.P. RTE. 49	SECTION (18HB)BRR;35RS-12;17RS-8	COUNTY TAZEWELL	TOTAL SHEETS 96	SHEET NO. 75
CONTRACT NO. 68J15				

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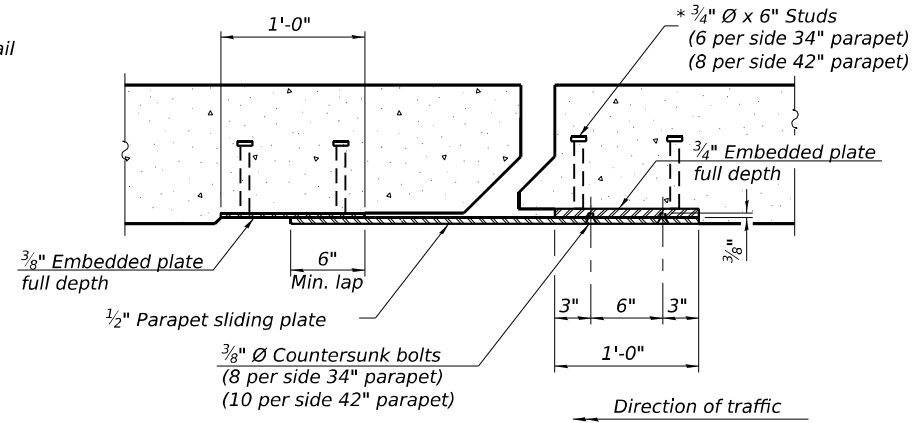
MODEL: Preformed Joint Strip Seal
 FILE NAME: pw://keg-pw.bentley.com/keg-pw-01/Projects/24-1124.08_PTB 213-38 WOS SN 090-0124 Preservation0_IDOT/Bridge/0900124-D468J15-008-Preformed Joint Strip Seal



PLAN AT PARAPET

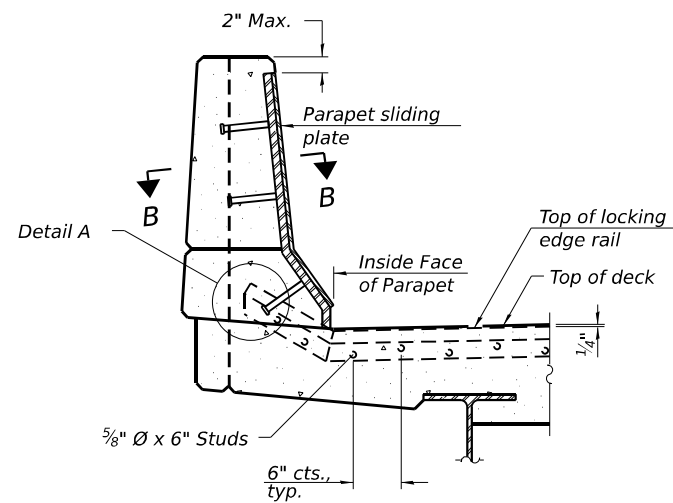


PLAN AT PARAPET



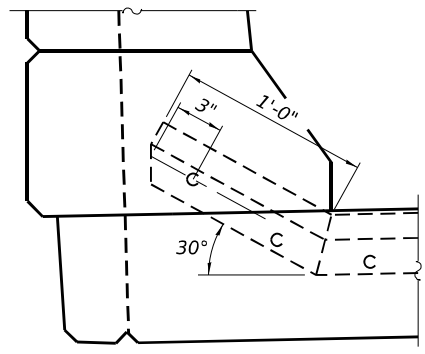
SECTION B-B

Notes:
 The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.
 The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4 1/2" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.
 The manufacturer's recommended installation methods shall be followed.
 All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.
 The Maximum space between locking edge rail segments shall be 3/16" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.
 Cost of parapet sliding plates, embedded plates, and anchorage studs included with Preformed Joint Strip Seal.
 34" F-shape barrier shown, 42" F-shape similar as noted.
 The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.

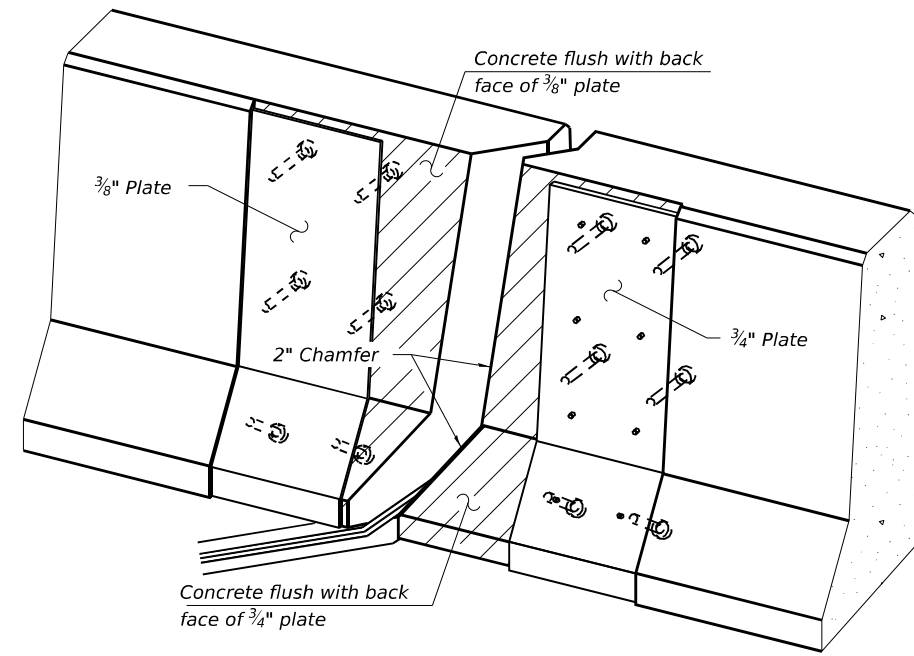


ELEVATION AT PARAPET

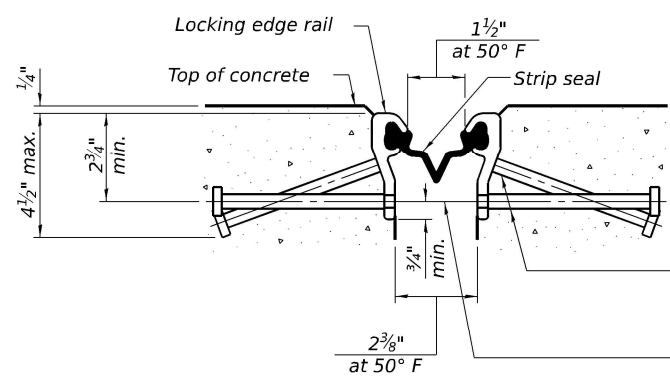
(Skews > 30° shown. Skews ≤ 30° similar except as shown in plan view.)



DETAIL A



TRIMETRIC VIEW
(Showing embedded plates only)



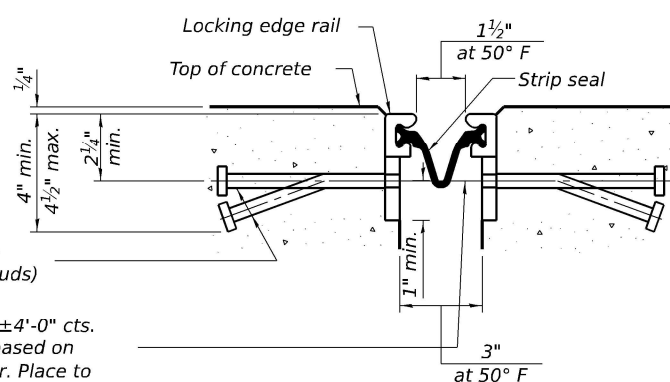
SHOWING ROLLED RAIL JOINT

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

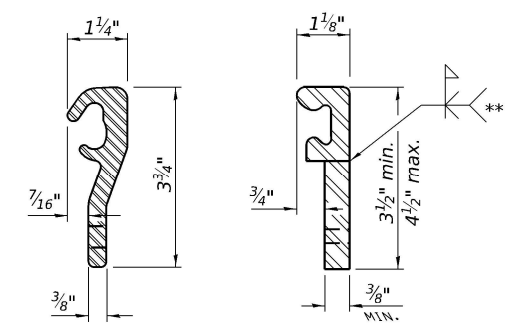
3/8" Ø threaded rods in 7/16" Ø holes at ±4'-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

SECTION A-A

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

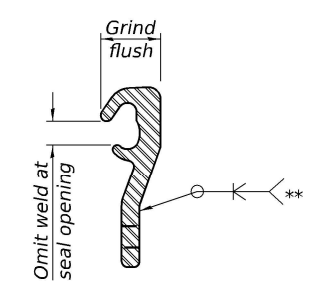


SHOWING WELDED RAIL JOINT



LOCKING EDGE RAILS

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



LOCKING EDGE RAIL SPLICE

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

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	70

EJ-SS 8-11-17



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DRAWN - MTH	REVISD -
CHECKED - MLC	REVISD -

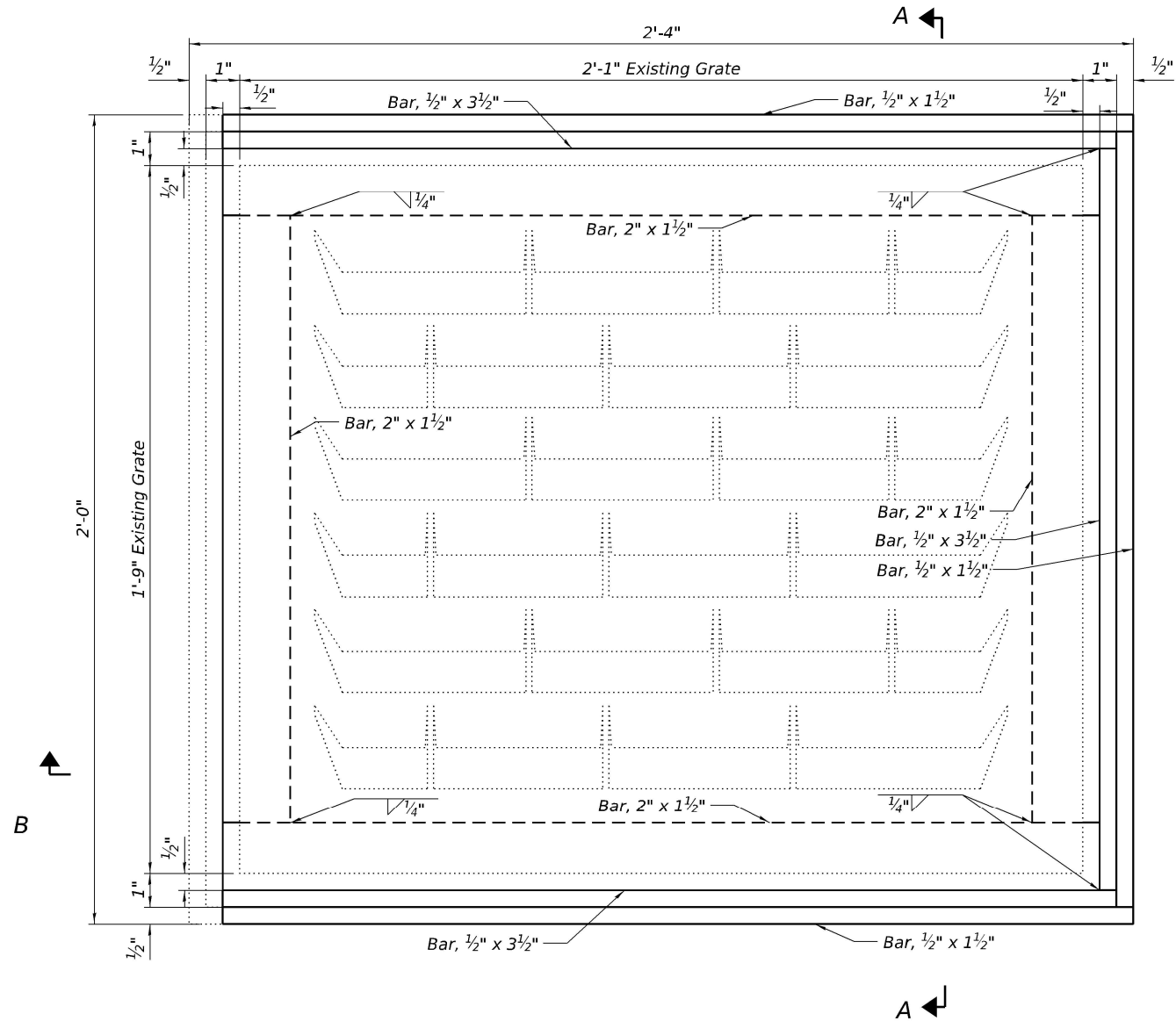
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL
STRUCTURE NO. 090-0124

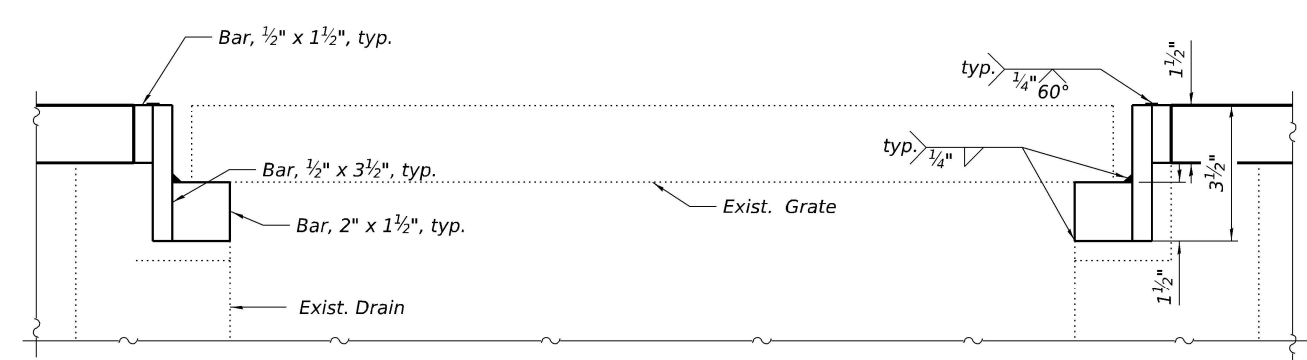
SHEET 8 OF 16 SHEETS

F.A.P. RTE. 49	SECTION (18HB)BRR;35RS-12;17RS-6	COUNTY TAZEWELL	TOTAL SHEETS 96	SHEET NO. 77
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

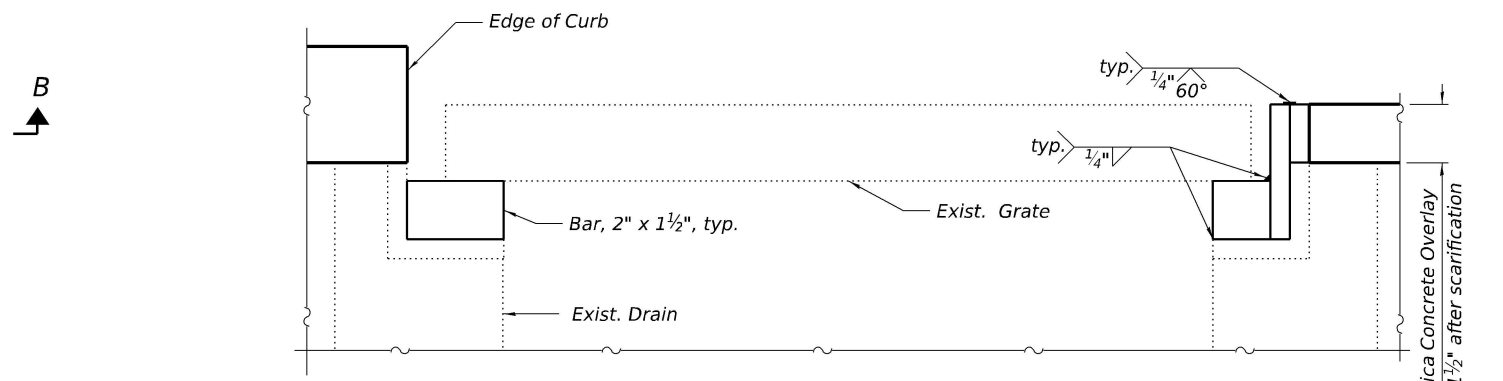
MODEL: Floor Drain and Approach Drain Adjustment Details
 FILE NAME: pw://keg-pw.bentley.com/keg-pw-01/Documents/IDOT Projects/24-1124.08 PTB 213-38 WOS SN 090-0124 Preservation0_IDOT/Bridge/0900124-D468J15-008-approach and floor drain adj



TYPICAL CAST IRON APPROACH DRAIN ADJUSTMENT PLAN

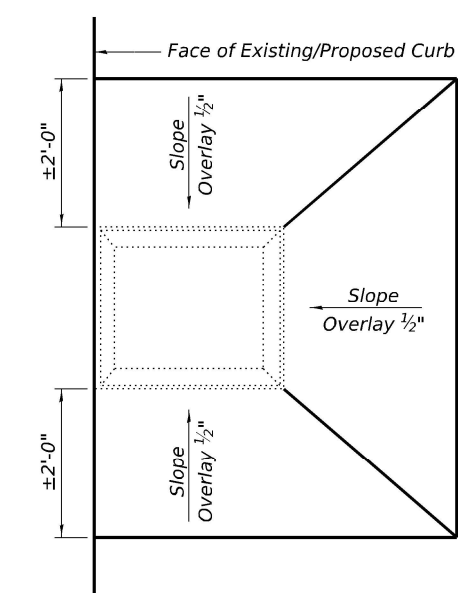


SECTION A-A



SECTION B-B

2 1/4" Microsilica Concrete Overlay
 Net incr. of 1 1/2" after scarification



SLOPING PLAN

NOTES

1. The Contractor shall field verify existing dimensions and details of the existing approach drains and make necessary adjustments prior to the construction and ordering of material for adjusting approach drains.
2. All new bars to be structural steel and conform to AASHTO M270, Grade 36.
3. The bars shall be galvanized according to AASHTO M111 and ASTM A385.
4. The Contractor shall ensure that no damage is done to existing grates to be reused. If grate is damaged, Contractor to replace the grate at his own cost.
5. All labor and material necessary to remove the existing grate, clean the existing scupper, furnish and install adjusting bars, and reinstall the existing grate are included in the cost of Inlets to be Adjusted.
6. All new steel bars are to be welded together to form a rectangular frame before galvanizing.
7. The Contractor has the option to fully remove the entire frame and grate and reset it to the new grade and pour it back monolithically with the hard overlay.

BILL OF MATERIAL

Item	Unit	Total
Inlets to be Adjusted	Each	2

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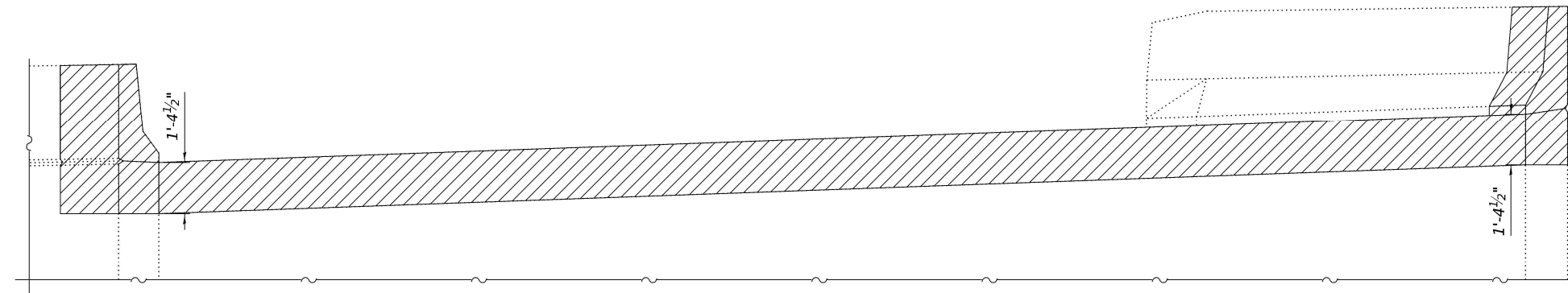
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PLOT DATE =	CHECKED - MLC	REVISED -

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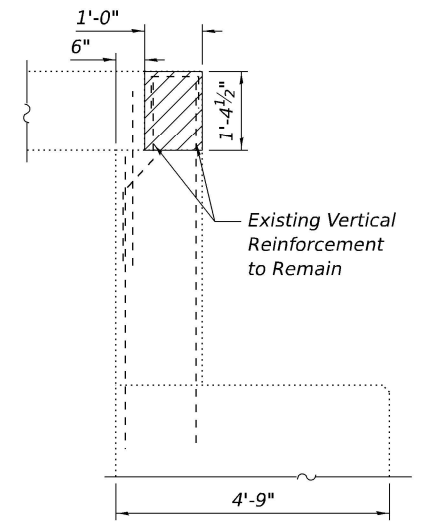
APPROACH DRAIN ADJUSTMENT DETAILS
 STRUCTURE NO. 090-0124

F.A.P. RTE. 49	SECTION (18HB)BRR;35RS-12;17RS-8	COUNTY TAZEWELL	TOTAL SHEETS 96	SHEET NO. 78
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

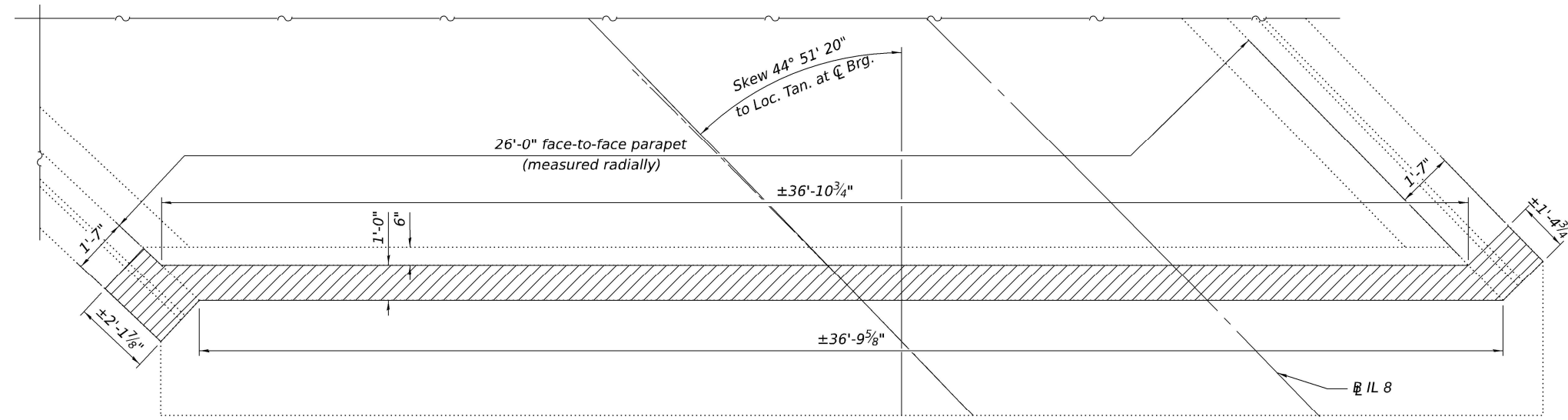
MODEL: North Abutment Concrete Removal
 FILE NAME: p:\proj\0900124\Preservatbn\0_IDOT\Bridges\0900124-D468\15-010-N Abut Conc Removal



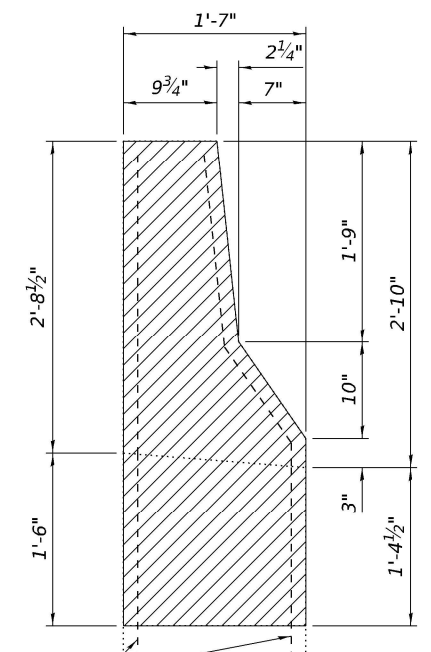
ELEVATION



SECTION THRU ABUTMENT



PLAN



Existing Reinforcement to Remain

SECTION THRU WINGWALL
(West Wingwall Shown
East Wingwall Similar)

LEGEND

- Indicates Limits of Concrete Removal

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Concrete Removal	Cu. Yd.	2.6

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	CHECKED - MLC	REVISED -
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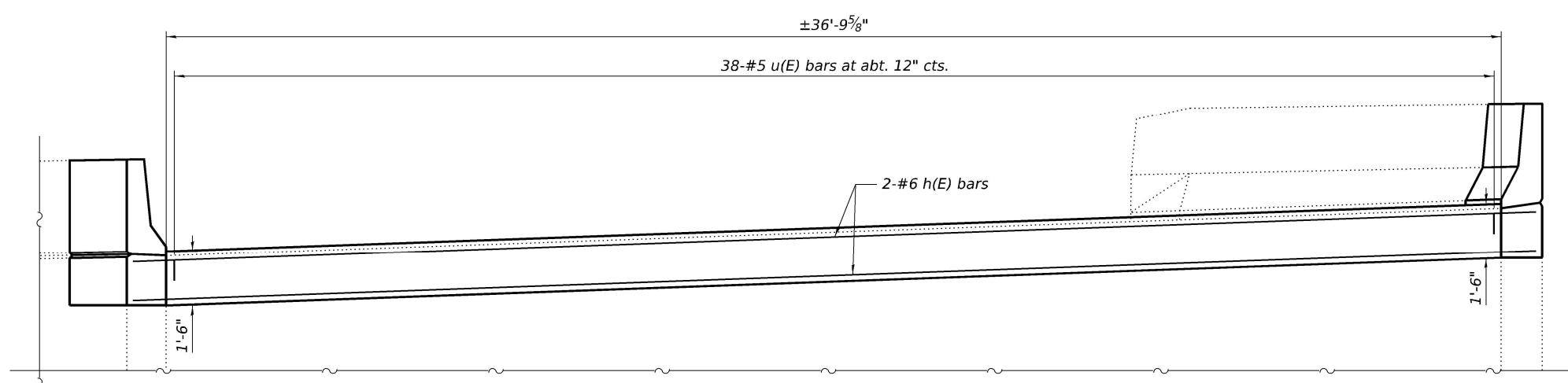
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH ABUTMENT CONCRETE REMOVAL
STRUCTURE NO. 090-0124

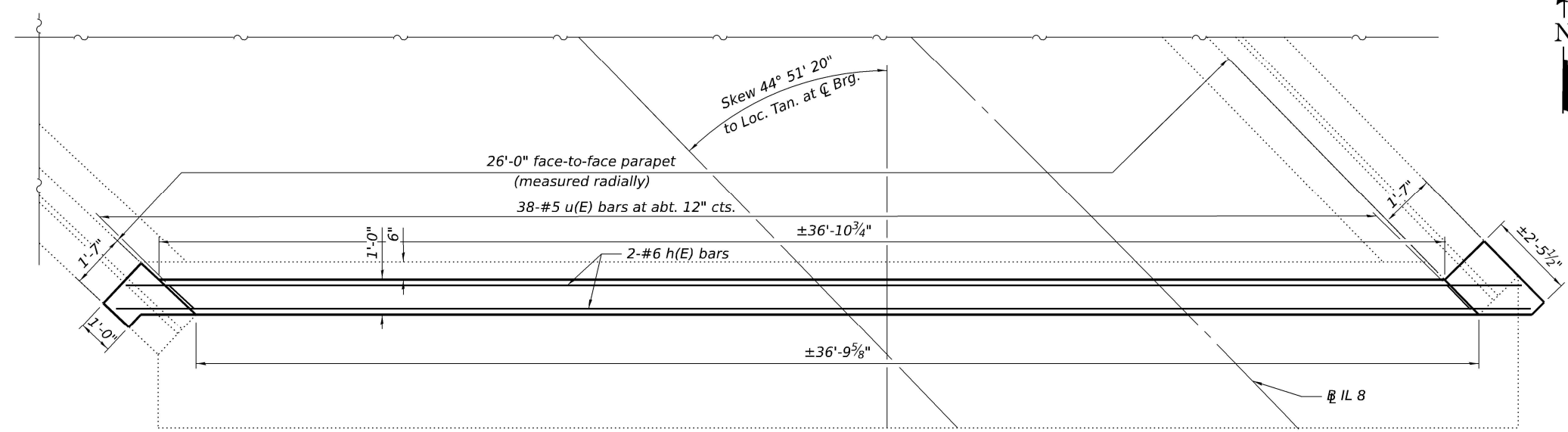
SHEET 10 OF 16 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
49	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	79
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

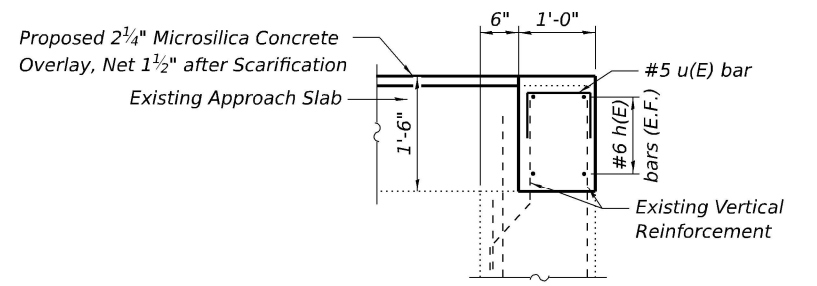
MODEL: North Abutment Plan and Elevation
 FILE NAME: p:\w\keg-pw\benley.com\keg-pw-01\Documents\DOT\Bridges\0900124\Preservation\0124-D468J15-011-N Abut F&E



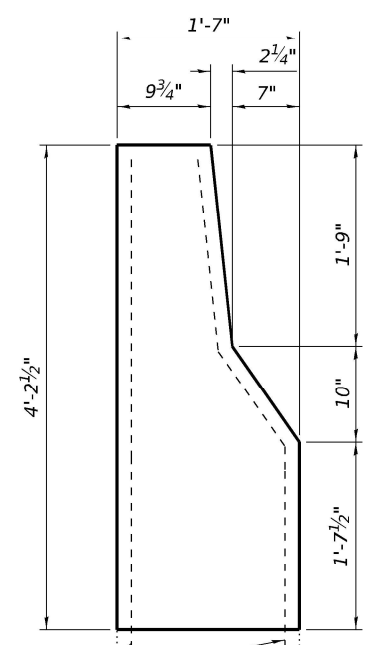
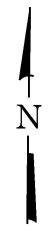
ELEVATION



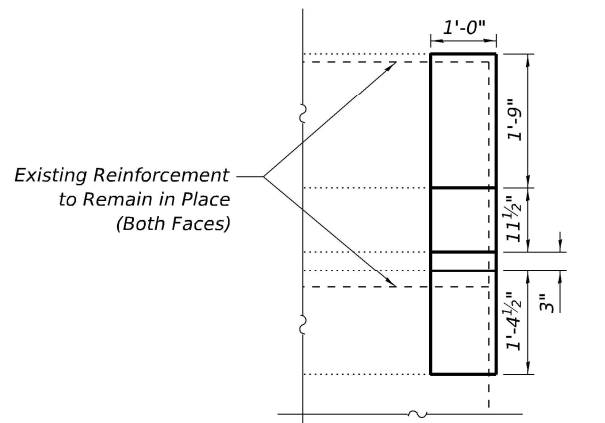
PLAN



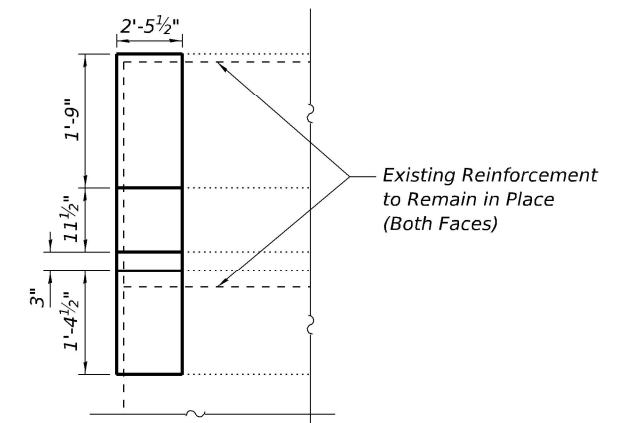
SECTION THRU ABUTMENT



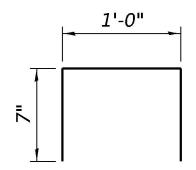
SECTION THRU WINGWALL
 (West Wingwall Shown
 East Wingwall Similar)



OUTSIDE WINGWALL ELEVATION
 (West Wingwall)



OUTSIDE WINGWALL ELEVATION
 (East Wingwall)



BAR u(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	4	#6	40'-8"	—
u(E)	38	#5	2'-2"	□
Concrete Superstructure			Cu. Yd.	2.8
Reinforcement Bars, Epoxy Coated			Pound	330

* Order bars full length and cut excess with skew as necessary



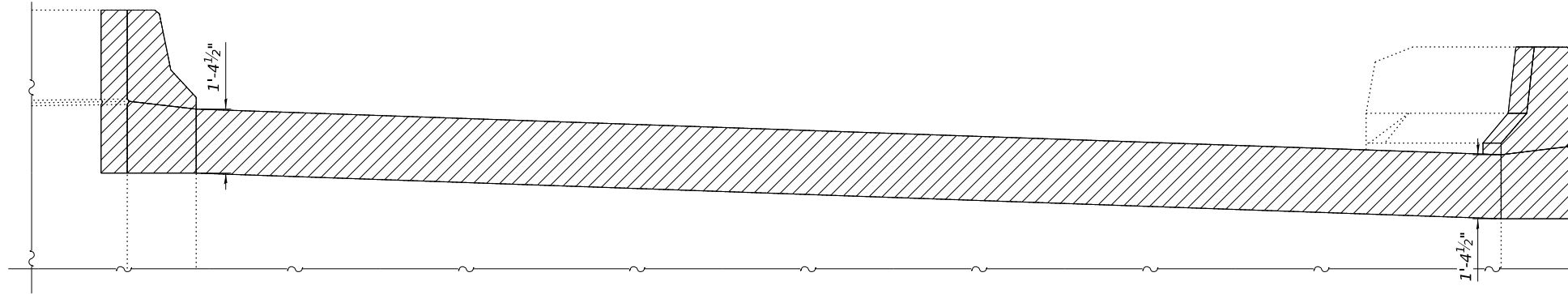
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PLOT SCALE =	CHECKED - MLC	REVISED -
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	CHECKED - MLC	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

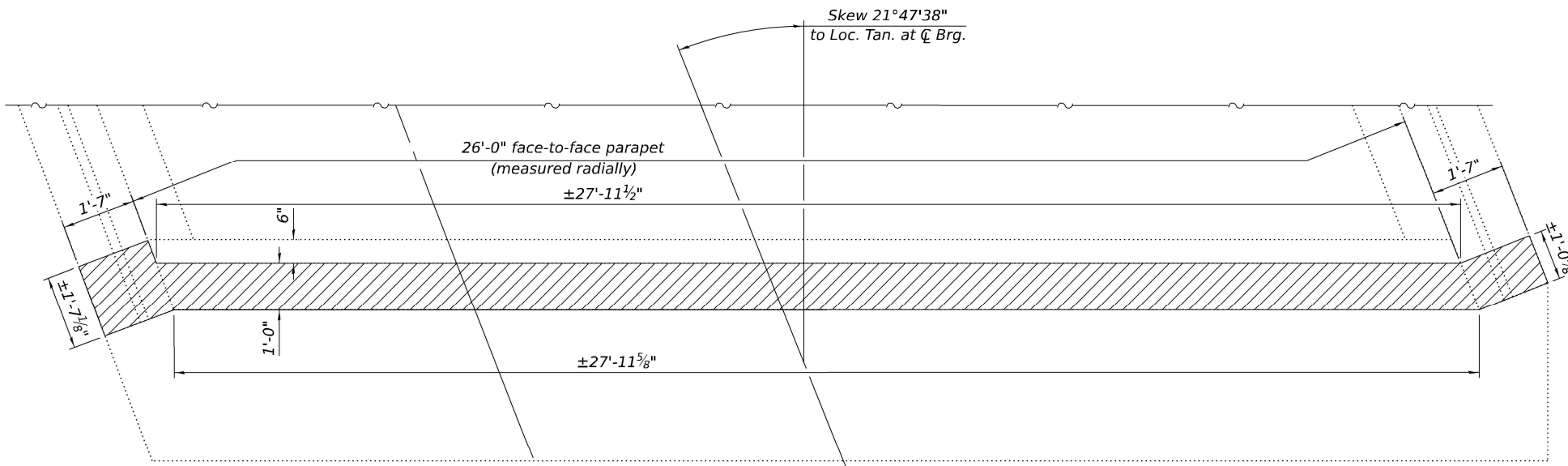
NORTH ABUTMENT PLAN & ELEVATION
STRUCTURE NO. 090-0124

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 68J15	
ILLINOIS / FED. AID PROJECT				

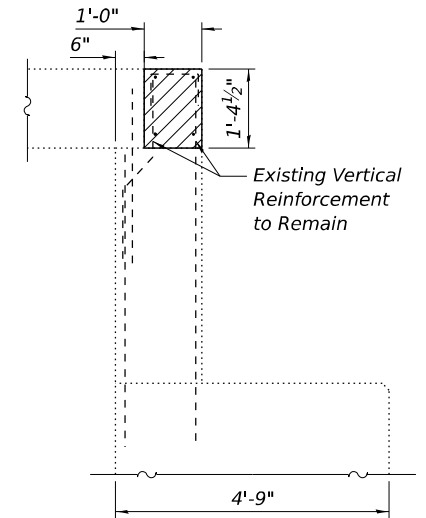
MODEL: South Abutment Concrete Removal
 FILE NAME: p:\w\keg-pw\benley.com\keg-pw-01\Documents\DOT\Bridges\0900124-Preservation\015-012-S Abut Conc Removal



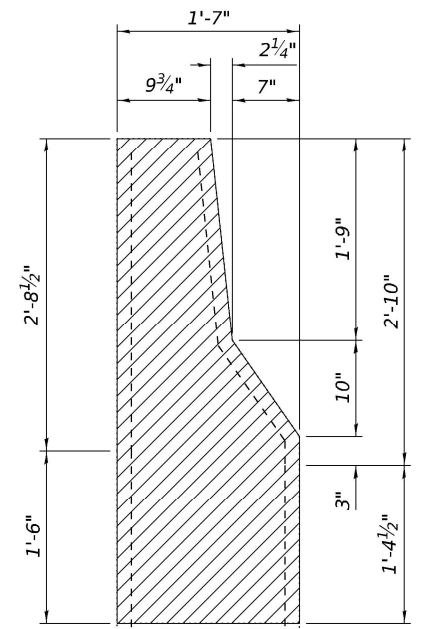
ELEVATION



PLAN



SECTION THRU ABUTMENT



Existing Reinforcement to Remain

SECTION THRU WINGWALL
 (East Wingwall Shown
 West Wingwall Similar)

LEGEND

- Indicates Limits of Concrete Removal

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Concrete Removal	Cu. Yd.	2.0

Kaskaskia
 Engineering Group, LLC
 200 E. Main St., Suite 800
 Moline, IL 61201
 309.241.2177
 www.kaskaskia.com

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PLOT DATE =	DRAWN - MTH	REVISED -
	CHECKED - MLC	REVISED -

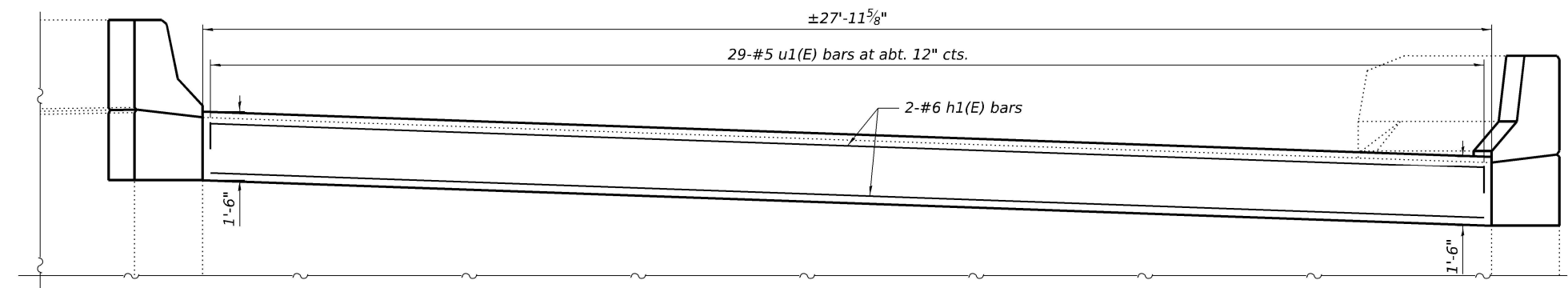
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH ABUTMENT CONCRETE REMOVAL
STRUCTURE NO. 090-0124

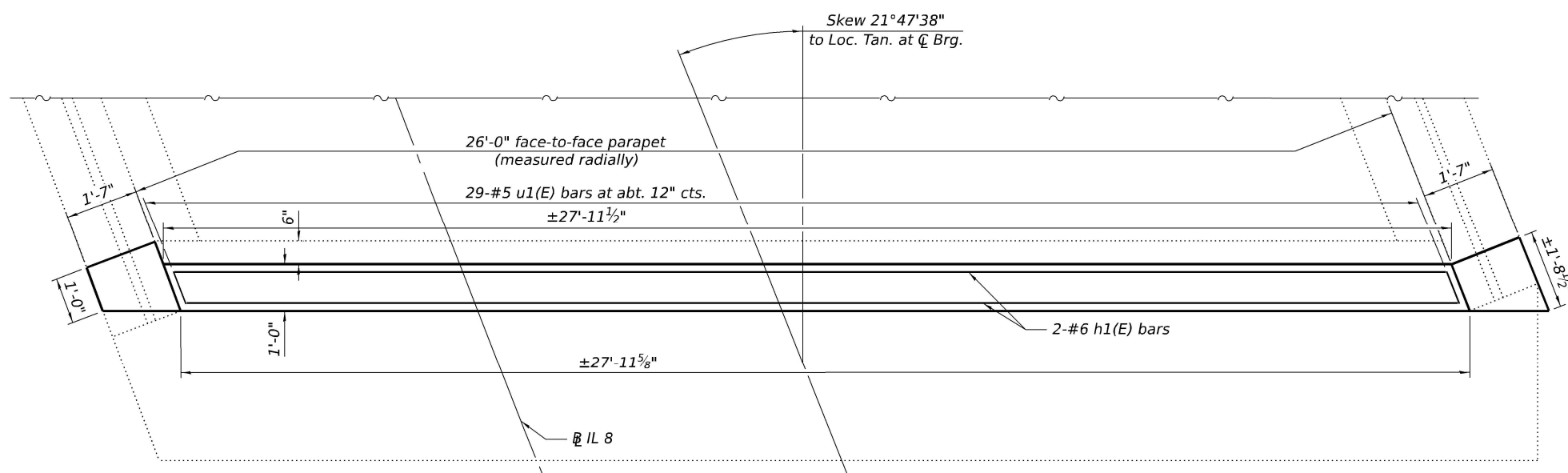
SHEET 12 OF 16 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
49	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	81
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

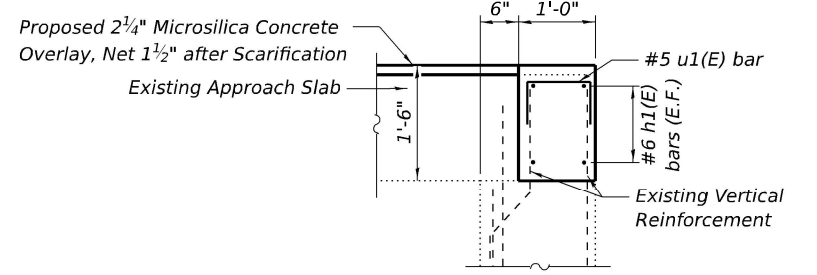
MODEL: South Abutment Plan and Elevation
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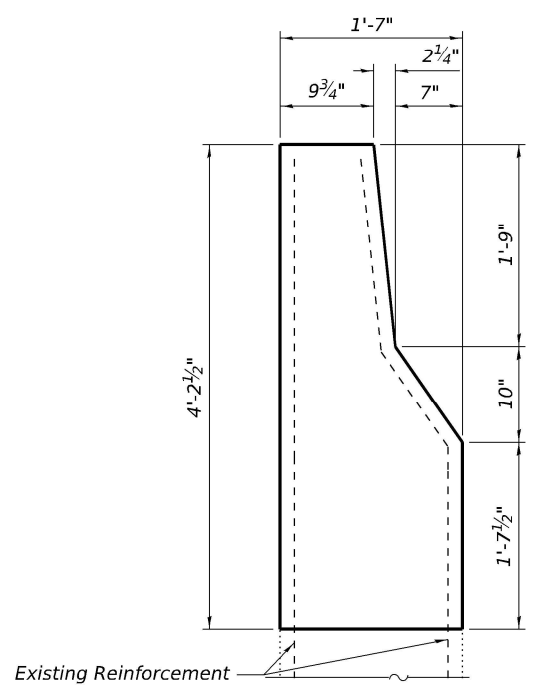
ELEVATION



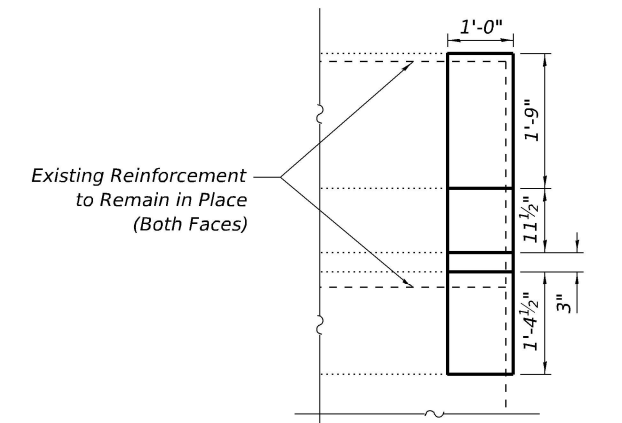
PLAN



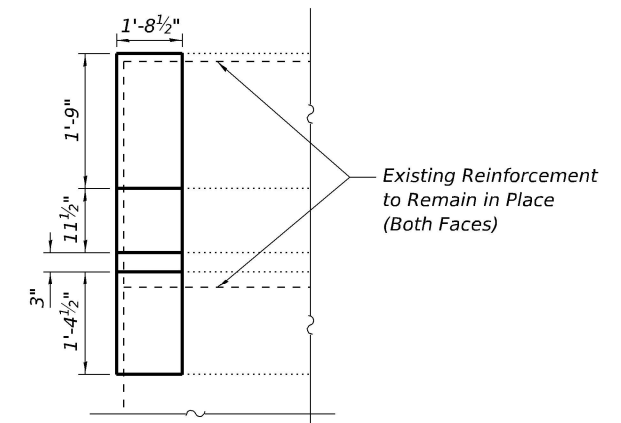
SECTION THRU ABUTMENT



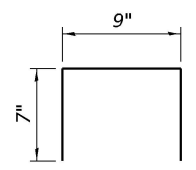
SECTION THRU WINGWALL
(East Wingwall Shown
West Wingwall Similar)



OUTSIDE WINGWALL ELEVATION
(East Wingwall)



OUTSIDE WINGWALL ELEVATION
(West Wingwall)



BAR u(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h1(E)	4	#6	27'-8"	—
u1(E)	29	#5	1'-11"	□
Concrete Superstructure			Cu. Yd.	2.1
Reinforcement Bars, Epoxy Coated			Pound	220

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Engineering Group, LLC
208 E. Main St., Suite 800
Moline, IL 61201
617.237.8800
www.kaskaskia.com

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PLOT DATE =	CHECKED - MLC	REVISED -

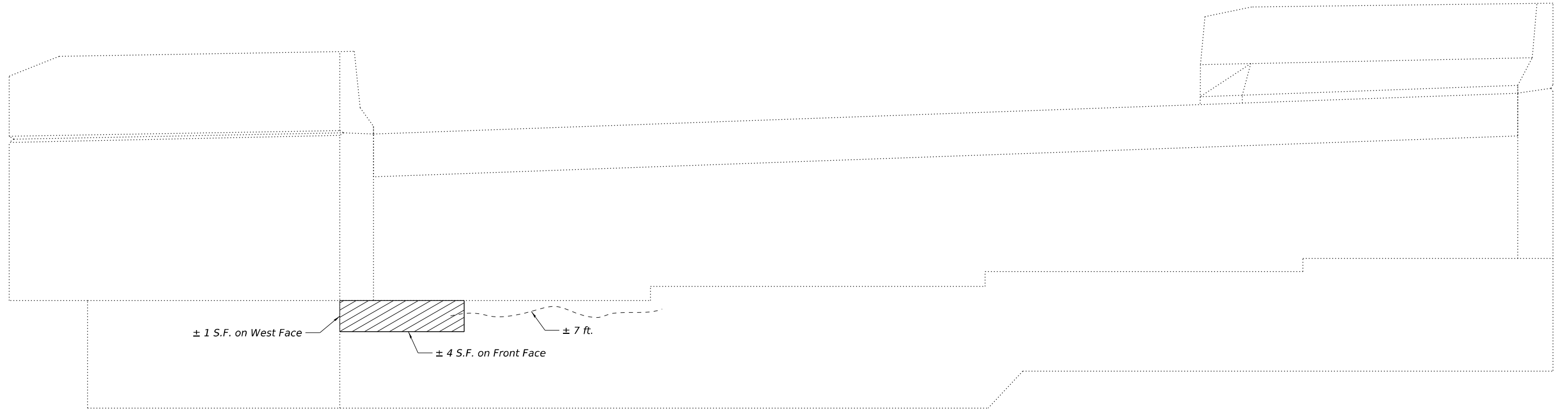
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH ABUTMENT PLAN & ELEVATION
STRUCTURE NO. 090-0124

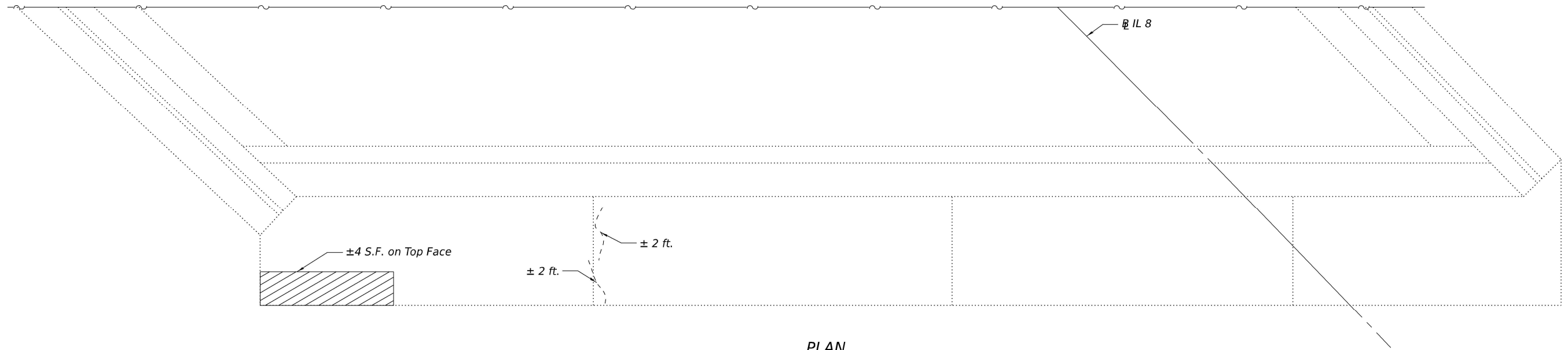
SHEET 13 OF 16 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
49	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	82
			CONTRACT NO. 68J15	
ILLINOIS / FED. AID PROJECT				

MODEL: North Abutment Repair Plan
 FILE NAME: pw://keg-pw/bentley.com/keg-pw-01/Documents/IDOT/Projects/24-1124.08 PTB 213-39 WOS SN 090-0124 Preservation/0_IDOT/Bridge/0900124-D468J15-014-N Abut Repair Plan



ELEVATION



PLAN

LEGEND

- Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)
- Epoxy Crack Injection

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	9
Epoxy Crack Injection	Foot	11

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 200 E. Main St., Suite 200
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 309.241.2177
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PLOT SCALE =	DRAWN - MTH	REVISED -
PLOT DATE =	CHECKED - MLC	REVISED -

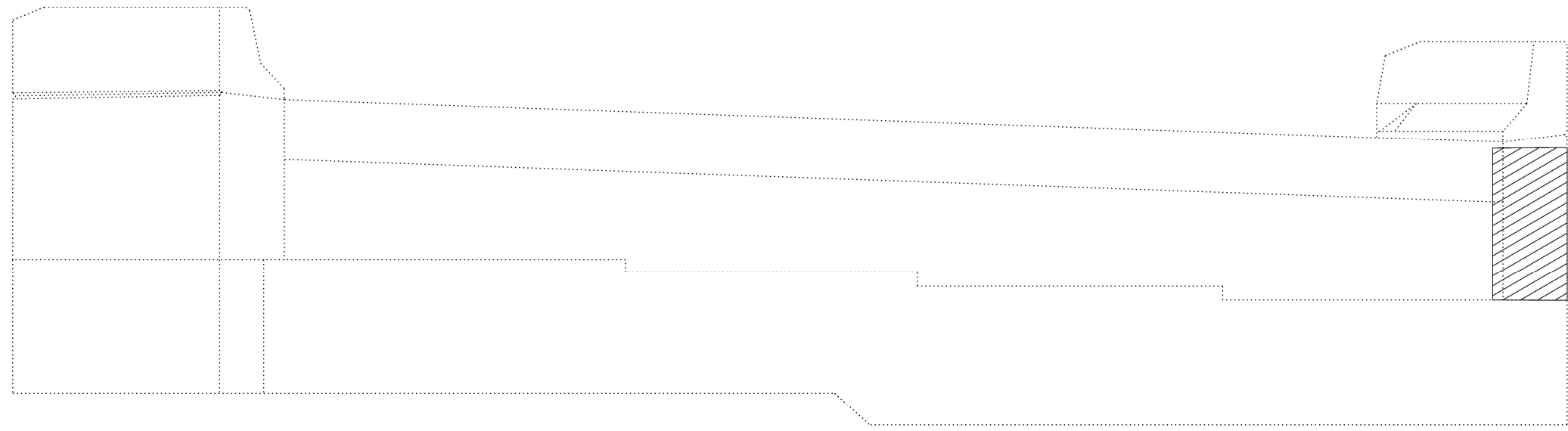
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTH ABUTMENT REPAIR PLAN
 STRUCTURE NO. 090-0124**

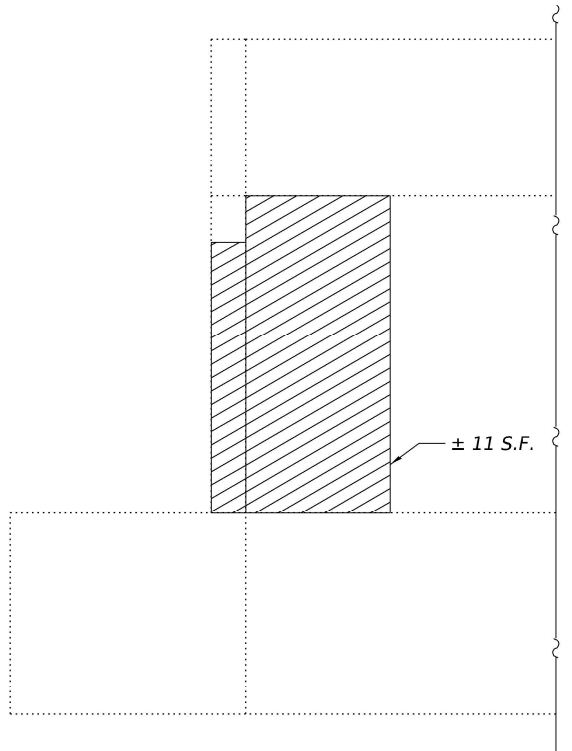
SHEET 14 OF 16 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
49	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	83
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

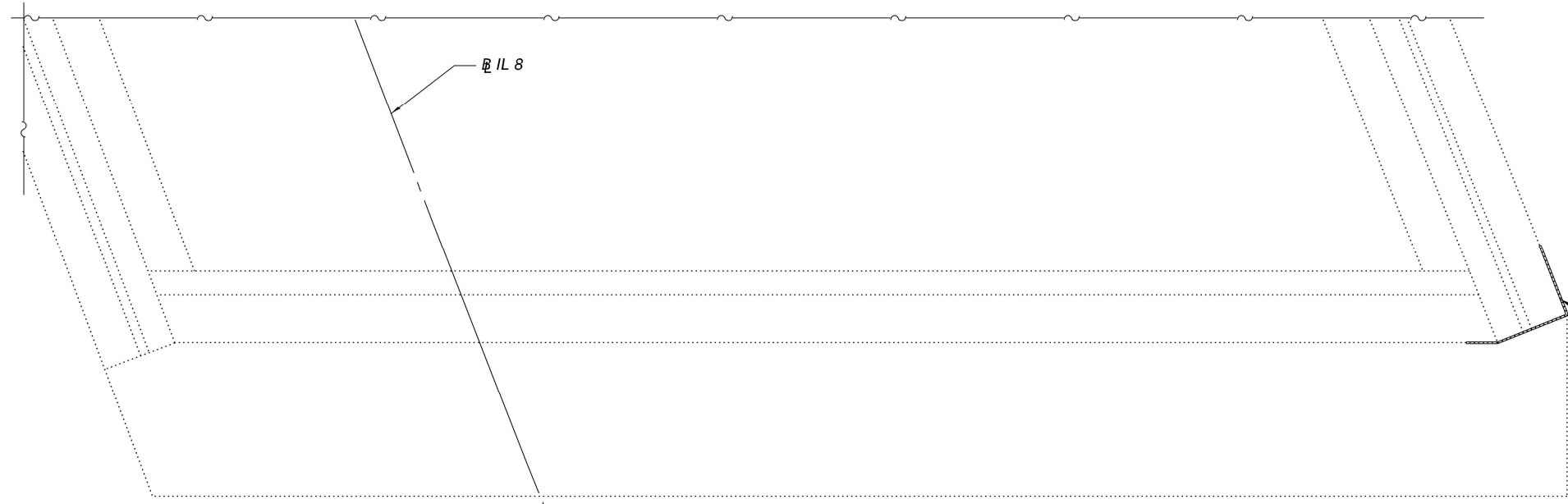
MODEL: South Abutment Repair Plan
 FILE NAME: p:\w\keg-pw\benley.com\keg-pw-01\Documents\DOT\Projects\24-1124.08 PTB 213-39 WOS SN 090-0124 Preservation\DOT\Bridges\0600124-D468\15-015-S Abut Repair Plan



ELEVATION



WEST WINGWALL ELEVATION



PLAN

Extents of repair shown in Plan for clarity. See Elevation and West Wingwall Elevation for details.

LEGEND

- Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	24

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 Engineering Group, LLC
 201 E. Main St., Suite 800
 Moline, IL 61201
 309.241.2177
 www.kaskaskia.com

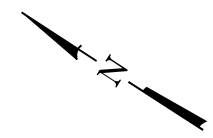
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

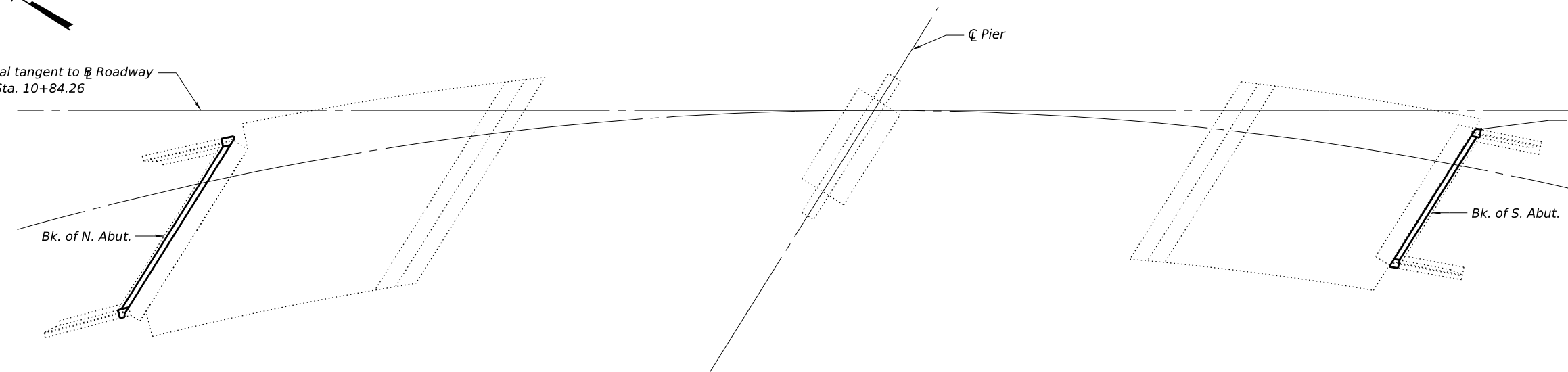
**SOUTH ABUTMENT REPAIR PLAN
 STRUCTURE NO. 090-0124**

SHEET 15 OF 16 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
49	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	84
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



Local tangent to R Roadway
at Sta. 10+84.26



Fill gap ($\pm 4"$ wide, depth varies
from $\pm 16"$ to $\pm 33"$, full length of
abutment) with Slope Wall Slurry
Pumping.

SLOPE WALL PLAN

Note:
Locations and limits of slurry pumping are
approximate. Actual locations and limits shall
be determined by the Engineer in the field.

BILL OF MATERIAL

Item	Unit	Total
Slope Wall Slurry Pumping	Cu. Yd.	1.0

MODEL: Slope Wall Repair Plan
 FILE NAME: pwr//keg-pw/bentley.com/keg-pw-01/Documents/IDOT Projects/24-1124.08 PTB 213-38 WOS SN 090-0124 Preservation0_IDOT/Bridge/0900124-D468J15-016-Slope Wall Repair Plan

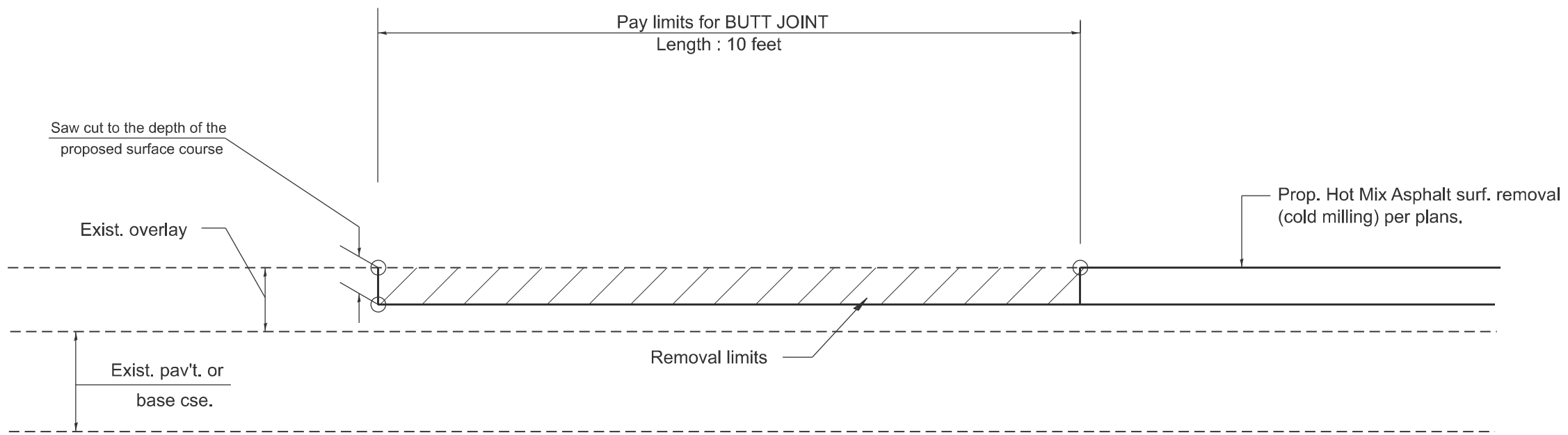
208 E. Main St., Suite 800
 Moline, IL 61704
 309.441.2177
 www.kaskaskiaeng.com

USER NAME =	DESIGNED - MTH	REVISED -
	CHECKED - MLC	REVISED -
PLOT SCALE =	DRAWN - MTH	REVISED -
PLOT DATE =	CHECKED - MLC	REVISED -

STATE OF ILLINOIS
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SLOPEWALL REPAIR PLAN
STRUCTURE NO. 090-0124
 SHEET 16 OF 16 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
49	(18HB)BRR;35RS-12;17RS-6	TAZEWELL	96	85
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

MODEL: 026e04500-03
 FILE NAME: c:\p\work\illinois\illinois\asphalt\026e04500-03\026e04500-03.dgn

All dimensions are in inches unless otherwise noted.

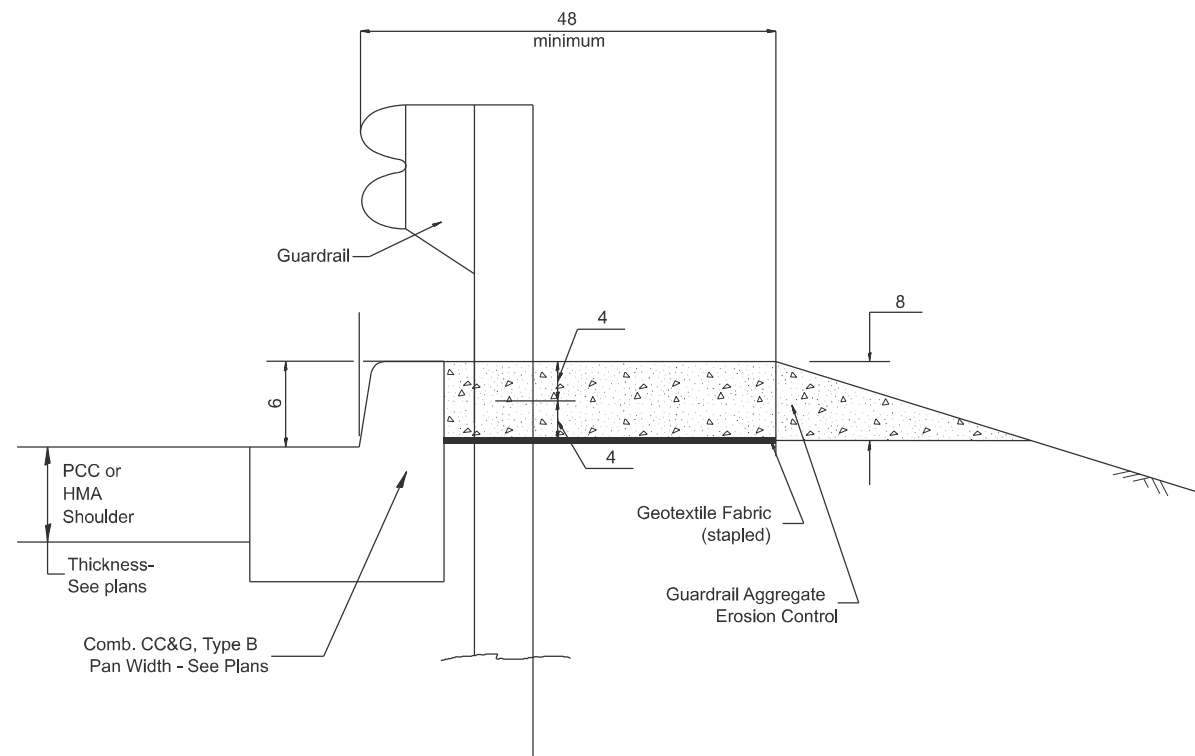
USER NAME = @bernsco0vvarubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 9/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

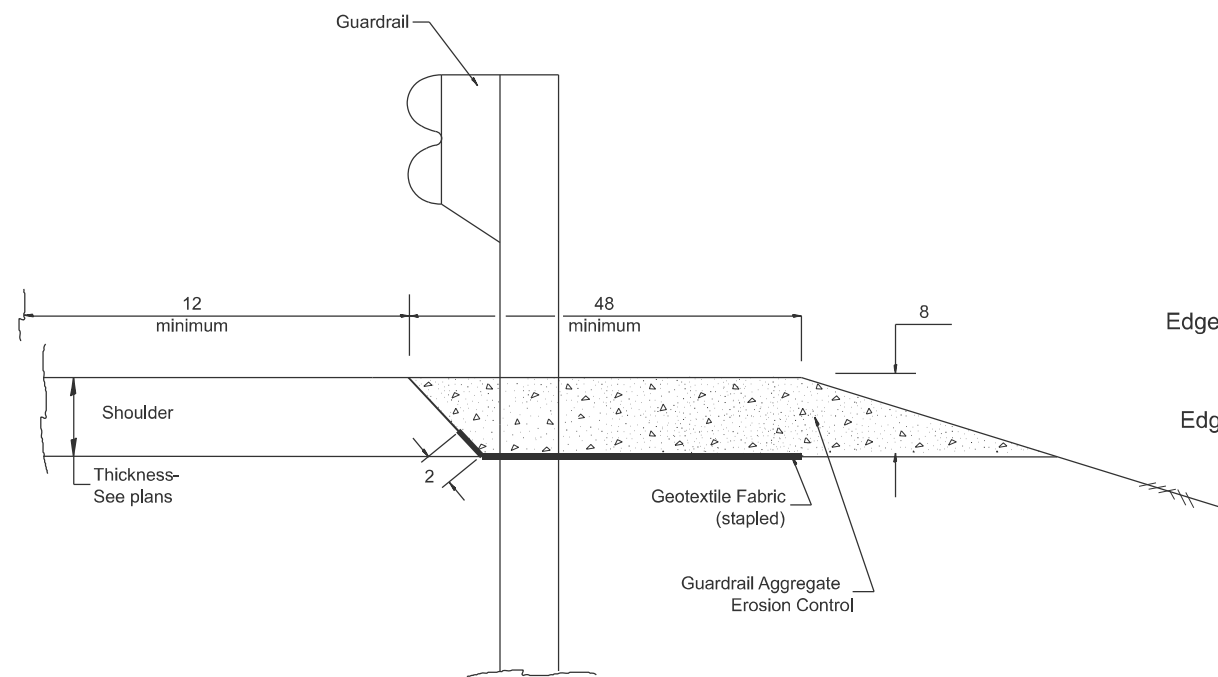
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	88
DISTRICT 4 STANDARD NO. 406101		CONTRACT NO. 68J15		
ILLINOIS FED. AID PROJECT				



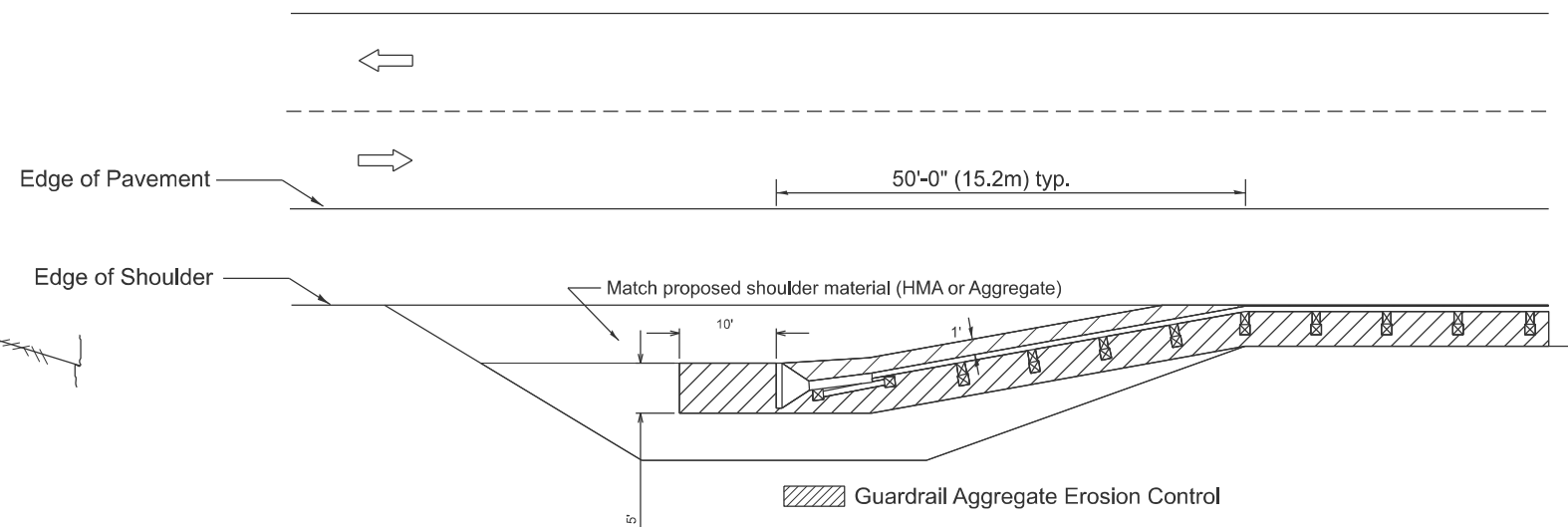
TYPICAL SECTION WITH COMBINATION CONCRETE CURB & GUTTER

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12 minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
 - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
 - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.



TYPICAL SECTION WITHOUT EROSION CONTROL CURB



All dimensions are in inches unless otherwise noted.

MODEL: 630101-01
FILE NAME: c:\p\work\wv\to\covarrubias\1025494\15-sth-CADD-STANDARD.RDS.dgn

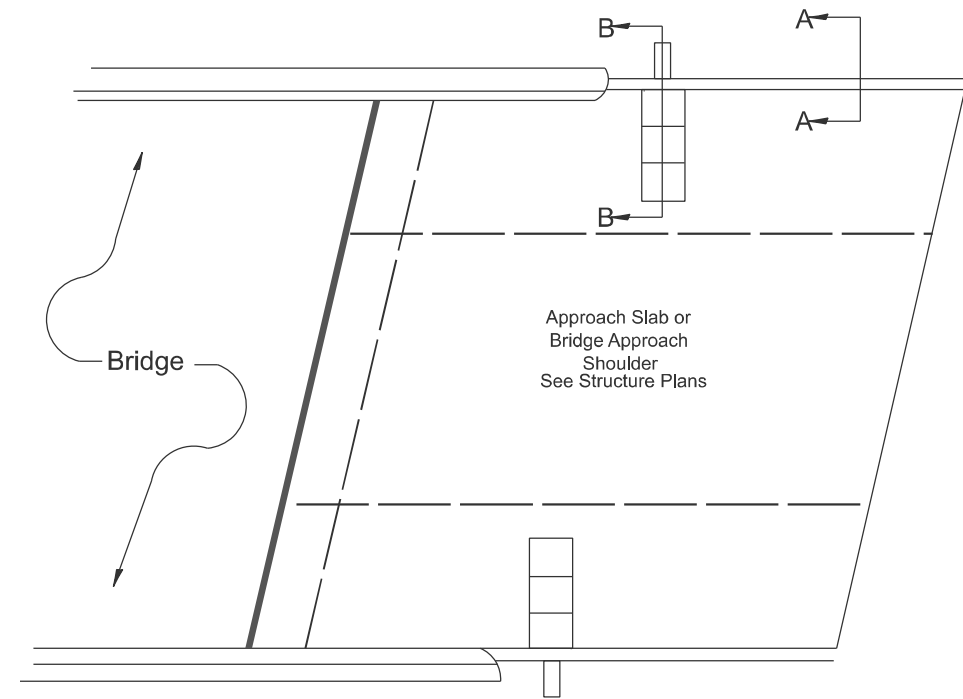
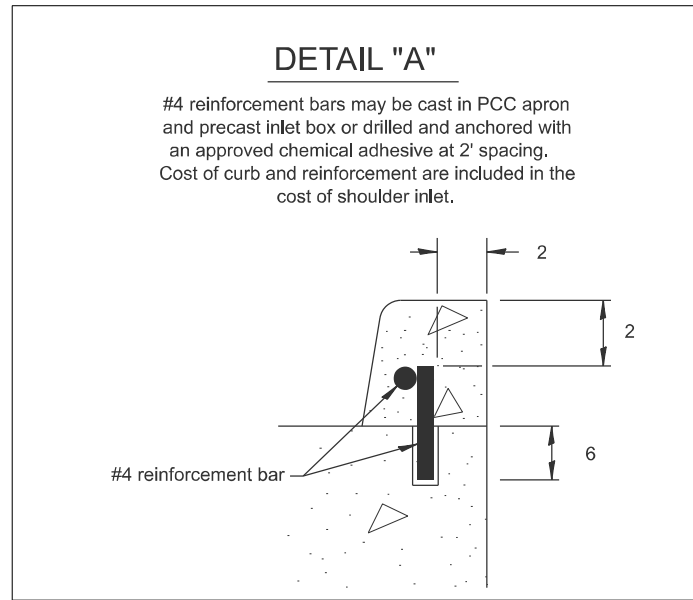
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	CHECKED -	REVISED -
PLOT DATE = 9/28/2026	DATE -	REVISED -

STATE OF ILLINOIS
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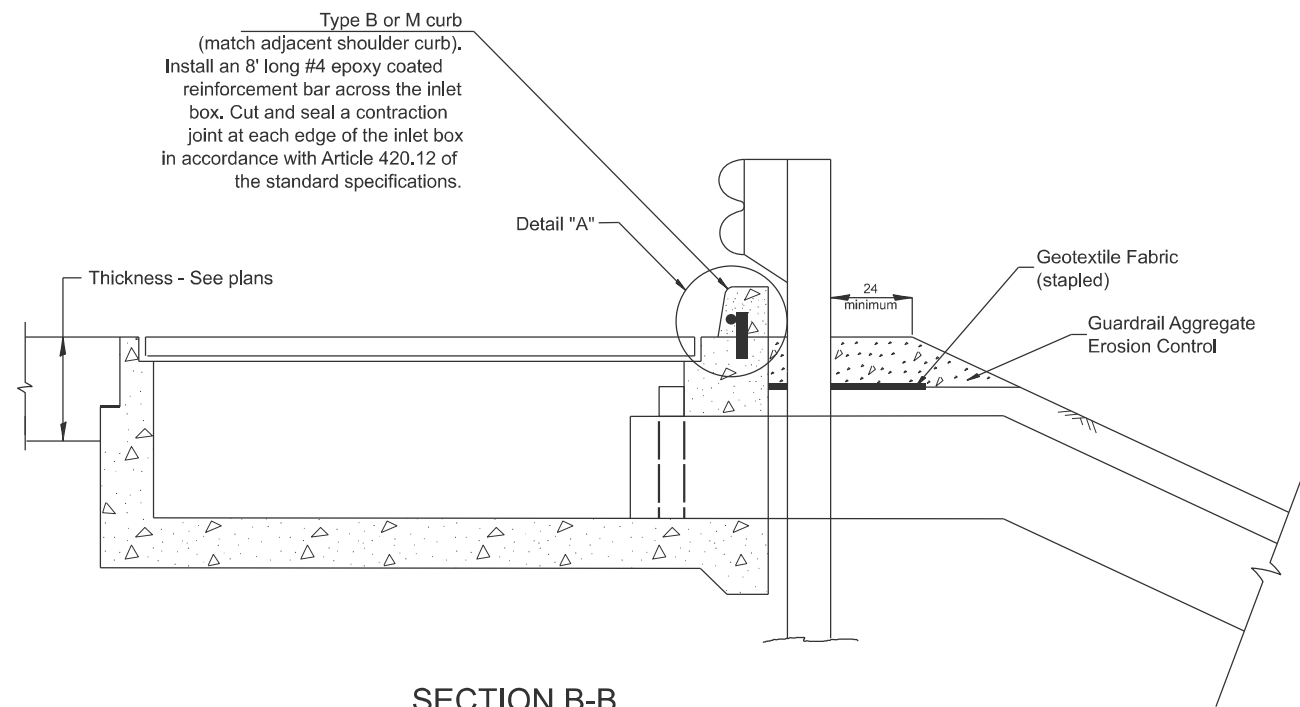
GUARDRAIL EROSION CONTROL TREATMENTS

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

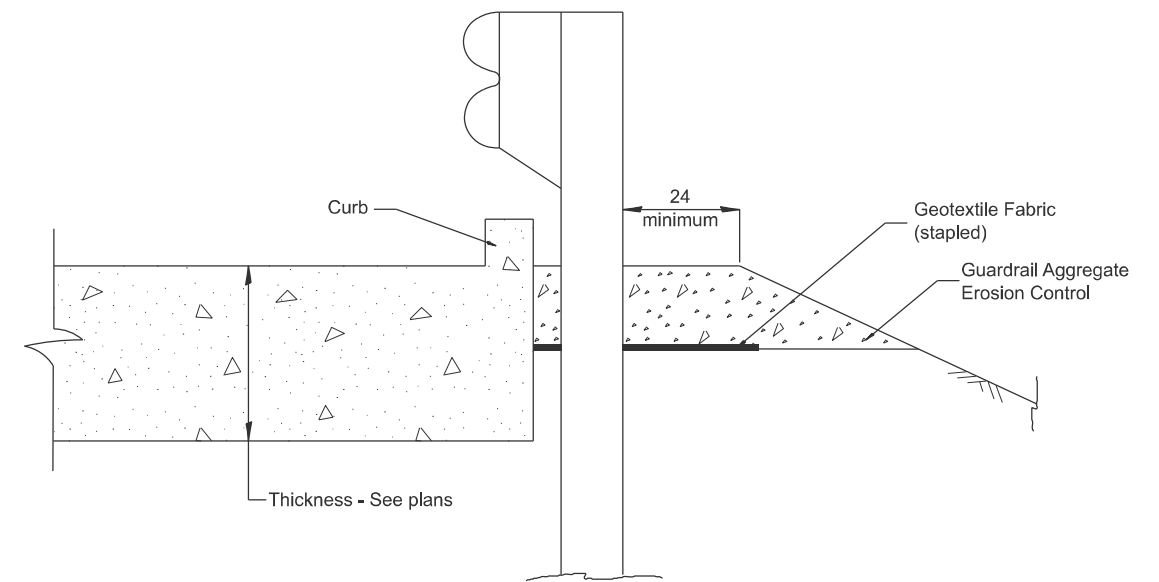
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18H)BRR;35RS-12;17RS-8	TAZEWELL	96	89
DISTRICT 4 DETAIL NO. 630101		CONTRACT NO. 68J15		
ILLINOIS FED. AID PROJECT				



PLAN VIEW
APPROACH SLAB OR SHOULDER PLACEMENT



SECTION B-B
TYPICAL SECTION AT INLETS
TYPE E, F & G (HIGHWAY STANDARD 610001)



SECTION A-A
TYPICAL SECTION WITH BRIDGE APPROACH CURB

All dimensions are in inches unless otherwise noted.

MODEL: 62609100-02
FILE NAME: c:\pwwork\littm\curbin\11085656\010414\287810.dgn

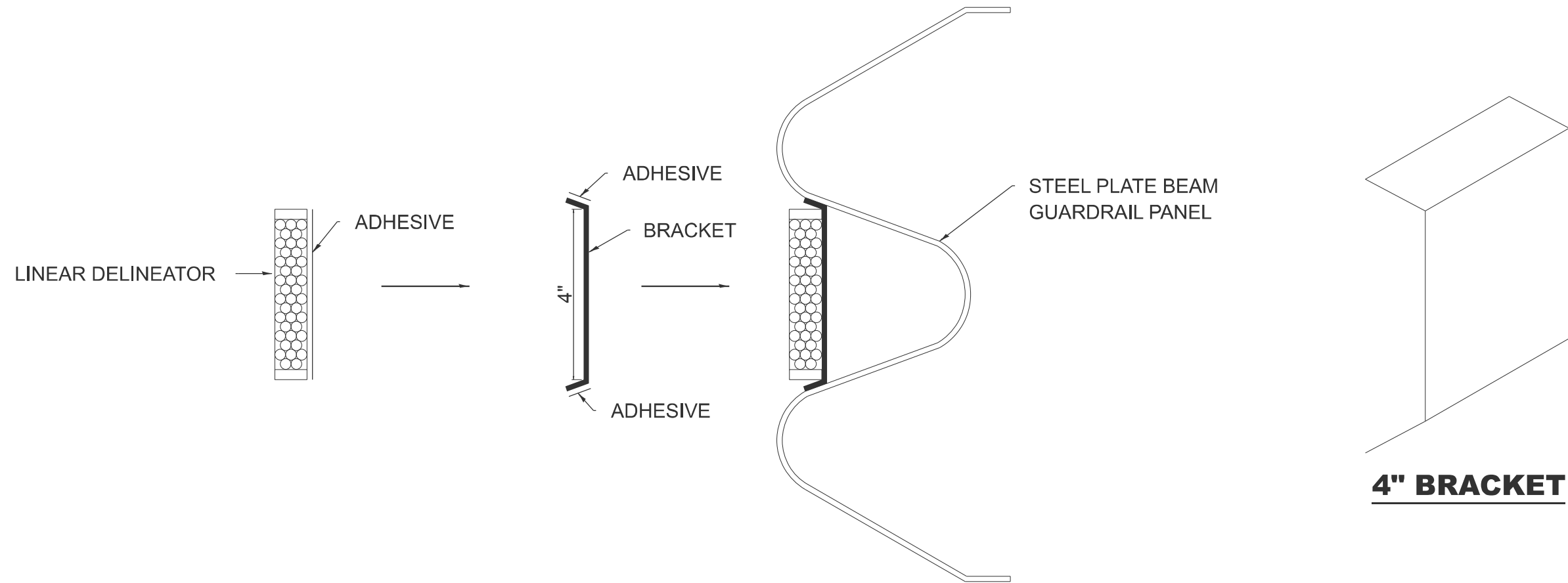
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PLOT DATE = 3/2/2006	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL EROSION CONTROL TREATMENTS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	90
DISTRICT 4 DETAIL NO. 630101		CONTRACT NO. 68J15		
ILLINOIS FED. AID PROJECT				



LINEAR DELINEATOR APPLICATION TO STANDARD GALVANIZED GUARDRAIL

LINEAR DELINEATOR SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS

MODEL: 2266999.dwg
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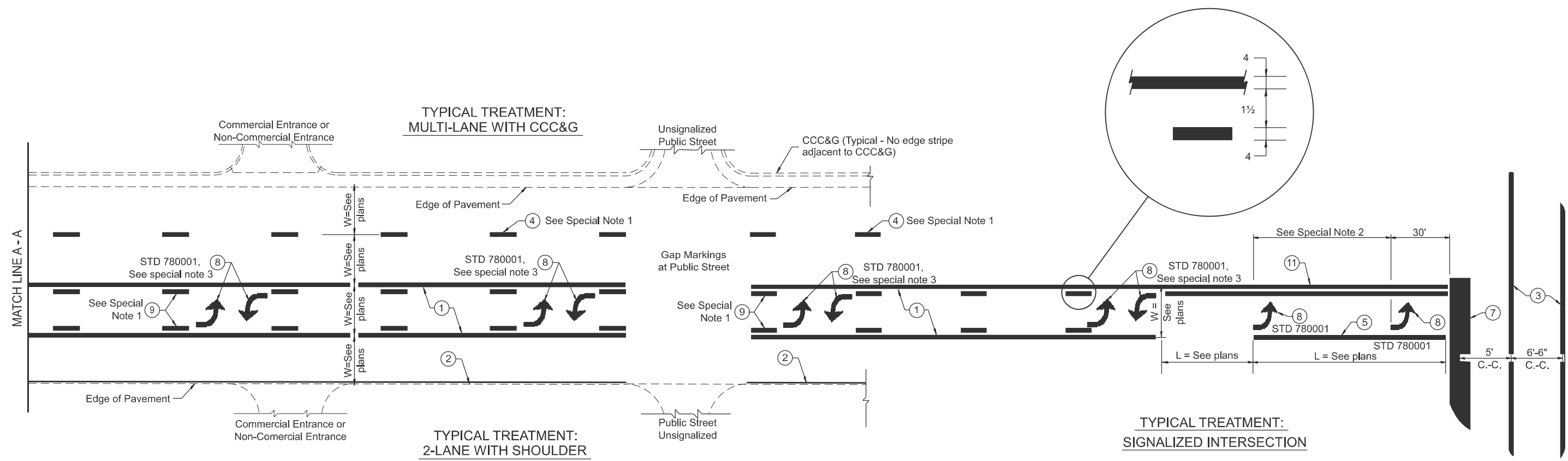
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	CHECKED -	REVISED -
PLOT DATE = 9/23/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINEAR DELINEATOR

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18H)BRR;35RS-12;17RS-8	TAZEWELL	96	91
DISTRICT 4 DETAIL NO. 635003		CONTRACT NO. 68J15		
ILLINOIS FED. AID PROJECT				



**FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE
WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION**

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4 Solid (Yellow)
- ② Urban 4 Solid (White)
Rural 6 Solid (White)
- ③ 2-6 Crosswalk @ 6'-6" min C.-C. + 24" Bars with 24" Gap (White)
2-8 Crosswalk @ 6'-6" min C.-C. (White) (When traffic signals are present.)
- ④ 6 Skip-Dash (White) (See Special Note 1)
- ⑤ 6 Solid (White)
- ⑥ 12 Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24 Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2, 3 & 5)
- ⑨ 4 Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12 Diagonal (Yellow) (See Table A) (See Table A)
- ⑪ 4 Double Solid (Yellow) (See Table A)

SPECIAL NOTES

- Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
- The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80'.
 - C. Arrows shall be evenly spaced if three (3) or more are required.
- The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200'.
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 16'.

GENERAL NOTES

- Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
- See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
- Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
- Areas are grooved 1" beyond each edge for the following symbols:
 - Through Arrow= 14.8 sq. ft.
 - Large Left or Right Arrow= 21.9 sq. ft.
 - 2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
 - Wrong Way Arrow= 29.5 sq. ft.
 - Railroad Crossing Symbol= 69.8 sq. ft.
 (For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)
- Use Large size arrows for Urban and Rural applications.
- Pavement markings should be grooved in except on bridge decks.

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FILE NAME: c:\p\work\pav\to\cavarrubias\1025494\15-sh-cadd\STANDARD.RDS.dgn

USER NAME = @bernsco@cavarrubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/28/2026	DATE -	REVISED -

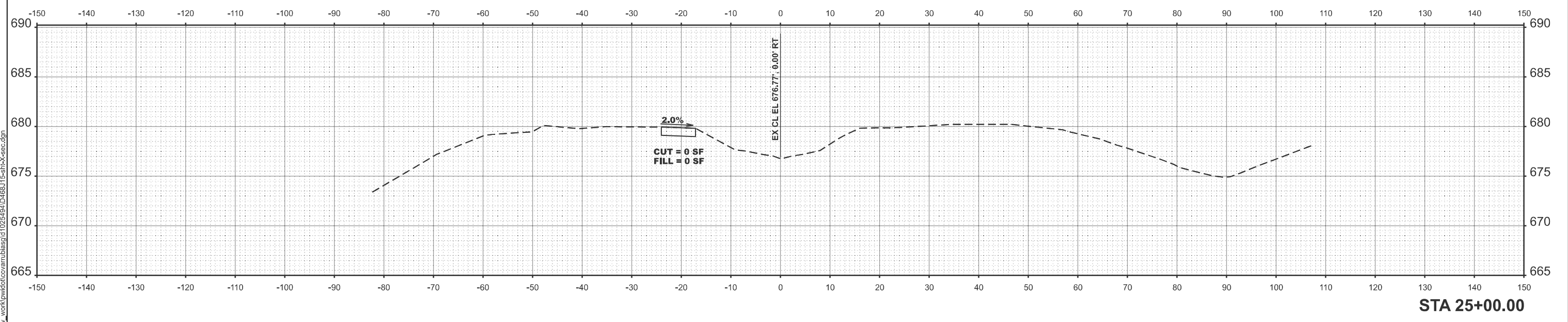
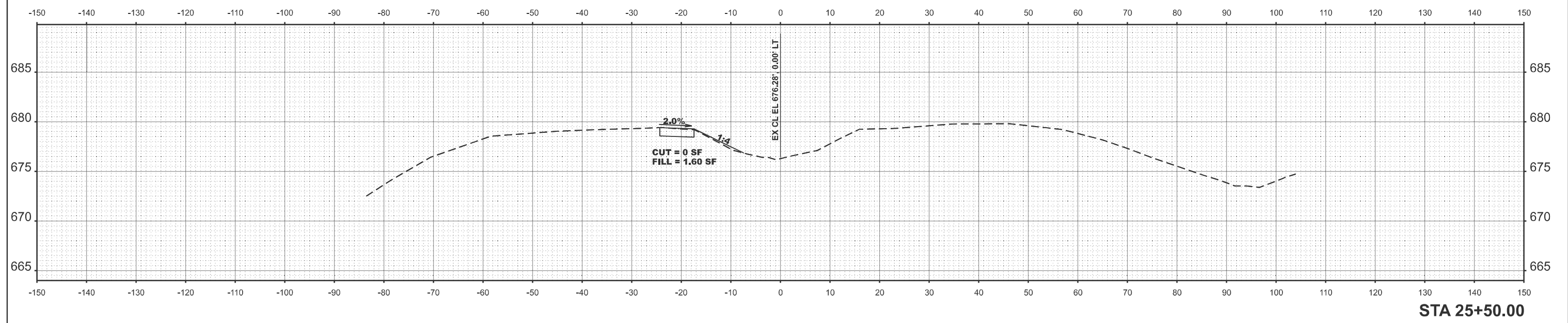
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL PAVEMENT MARKINGS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR:35RS-12;17RS-8	TAZEWELL	96	92
DISTRICT 4 DETAIL NO. 780001		CONTRACT NO. 68J15		
ILLINOIS FED. AID PROJECT				

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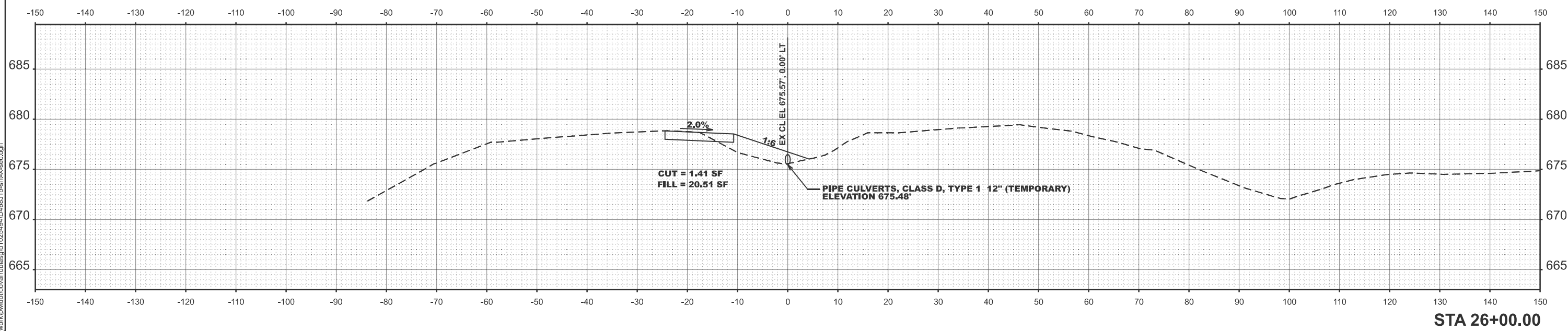
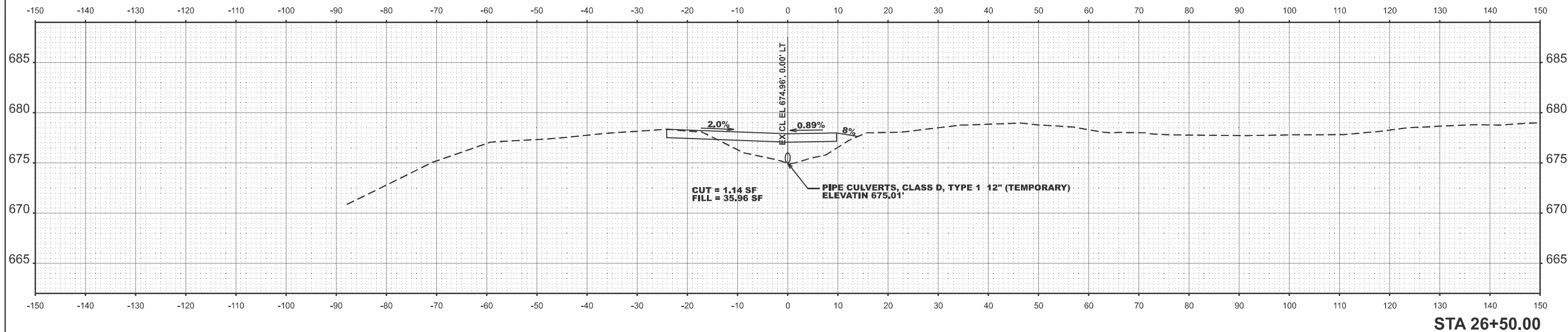
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/25/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 US 24**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	94
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				



MODEL: US24EXCL - 26+00.00 (Sheet)
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	DRAWN -	REVISED -
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PLOT DATE = 3/25/2026	DATE -	REVISED -

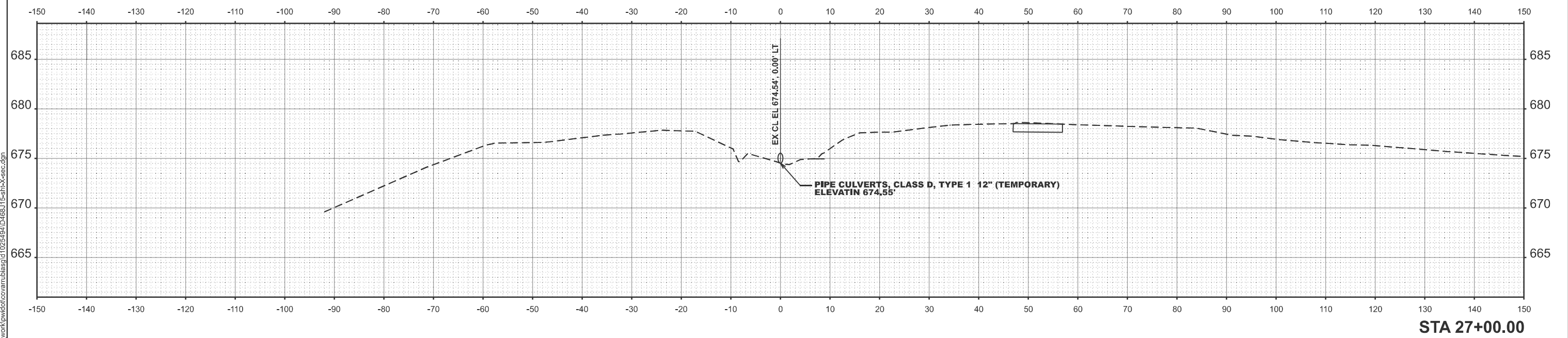
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
US 24

SCALE: 1"=10' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18HB)BRR;35RS-12;17RS-8	TAZEWELL	96	95
CONTRACT NO. 68J15				
ILLINOIS FED. AID PROJECT				

MODEL: US24EXCL - 27+00.00 (Sheet)
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STA 27+00.00

USER NAME = Gerardo.Covarubias	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/25/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 US 24**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(18)HB(BRR;35RS-12;17RS-8	TAZEWELL	96	96
CONTRACT NO. 68J15				
		ILLINOIS	FED. AID PROJECT	