

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR HIGHWAY STANDARDS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

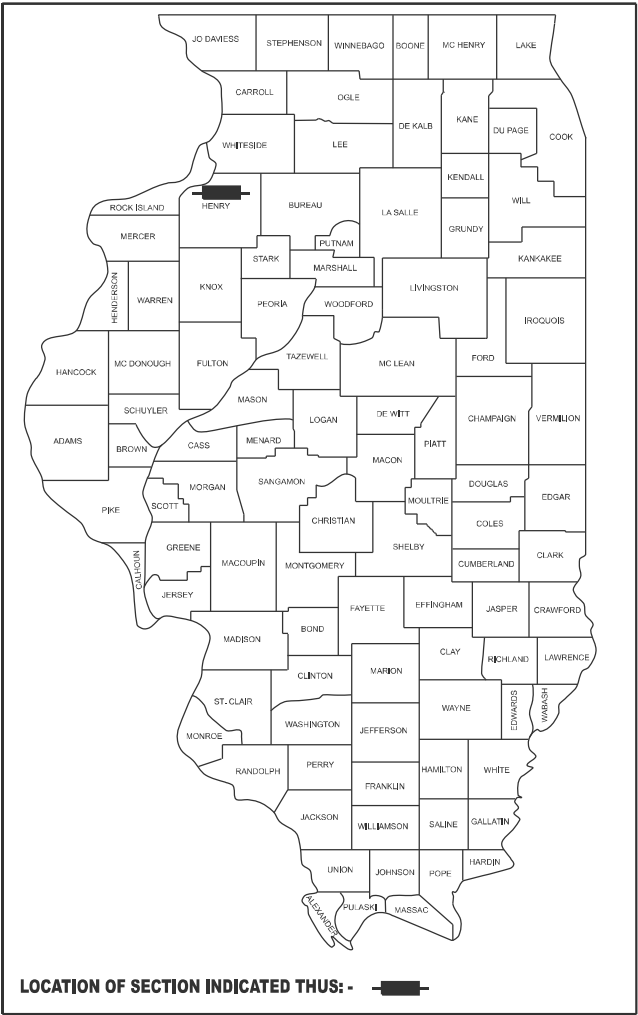
FAI ROUTE 80 (I-80)
SECTION (37-(3-1,4,5,6)) BRR
PROJECT NHPP-RBDM(511)
BRIDGE REHABILITATION
HENRY COUNTY

C-92-129-24

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169*	1
		ILLINOIS	CONTRACT NO. 64T43	

* 169 + 1 = 170 TOTAL SHEETS

D-92-015-25



FUNCTIONAL CLASSIFICATION
INTERSTATE (CLASS I)
F.A.I. ROUTE 80 (I-80)
2025 ADT = 19900
PV = 54% SU = 4.3% MU = 41.7%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 11 20 26
Jisha Thompson
REGIONAL ENGINEER
August 14 20 26
S. E. A. E. E.
ENGINEER OF DESIGN AND ENVIRONMENT
August 14 20 26
5
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

SN 037-0035 & SN 037-0036
GENESEO TOWNSHIP
T17N, R3E, SECTION 28

SN 037-0039 & SN 037-0040
GENESEO TOWNSHIP
T17N, R3E, SECTION 36

SN 037-0041 & SN 037-0042
ATKINSON TOWNSHIP
T17N, R4E, SECTION 31

SN 037-0043 & SN 037-0044
ALBA TOWNSHIP
T17N, R5E, SECTION 31

SN 037-0045 & SN 037-0046
ANNAWAN TOWNSHIP
T16N, R5E, SECTION 4

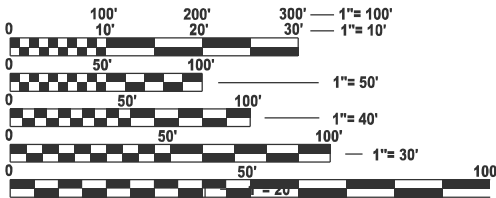
SN 037-0045 (EB)
SN 037-0046 (WB)
I-80 OVER MUD CREEK

SN 037-0043 (EB)
SN 037-0044 (WB)
I-80 OVER US 6 & IAIS RR

SN 037-0041 (EB)
SN 037-0042 (WB)
I-80 OVER E 1900TH ST / TR 276

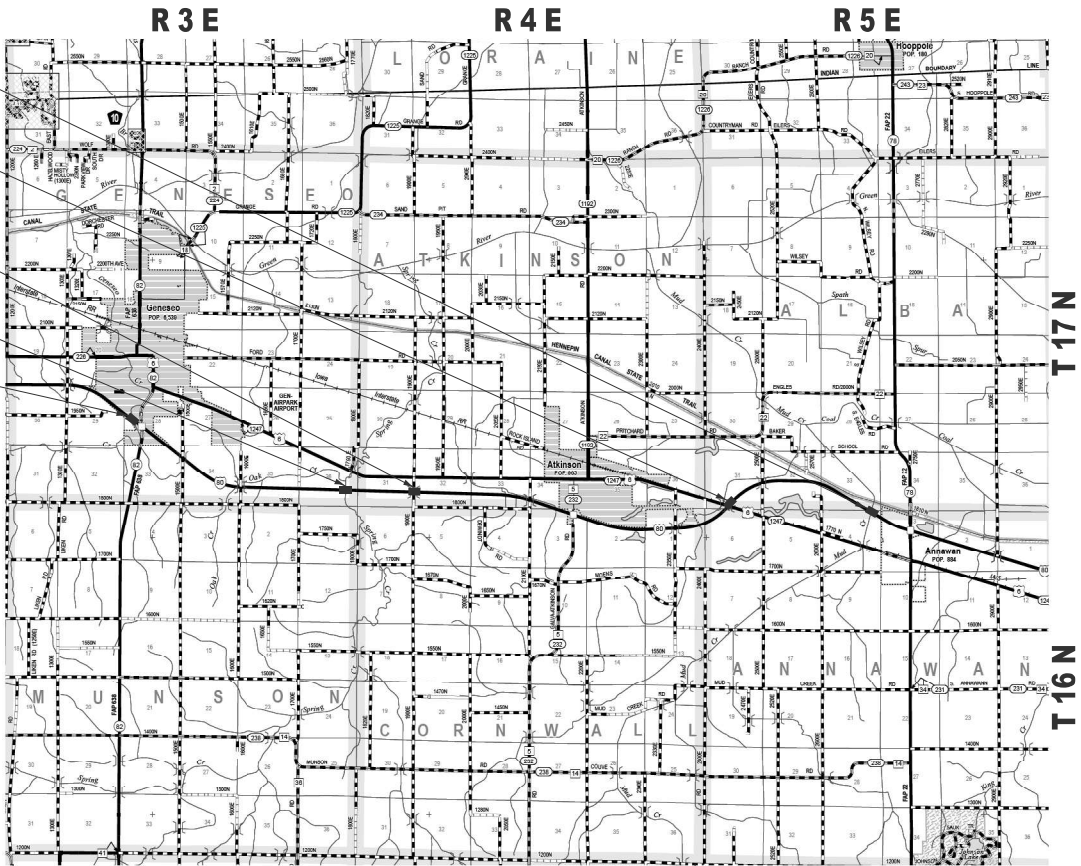
SN 037-0039 (EB)
SN 037-0040 (WB)
I-80 OVER SPRING CREEK

SN 037-0035 (EB)
SN 037-0036 (WB)
I-80 OVER GENESEO CREEK



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



GROSS LENGTH = 71,586 FT. = 13.558 MILES (E.B.)
NET LENGTH = 2,286 FT. = 0.433 MILES (E.B.)
GROSS LENGTH = 71,461 FT. = 13.534 MILES (W.B.)
NET LENGTH = 2,295 FT. = 0.435 MILES (W.B.)

IDOT PROJECT MANAGER: DERRICK LOPEZ, P.E.
CONTRACT NO. 64T43

INDEX OF SHEETS

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HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREA OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-11	PAVEMENT JOINTS
420401-13	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
442101-09	CLASS B PATCHES
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
630001-13	STEEL PLATE BEAM GUARDRAIL
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
638101-02	CONCRETE GLARE SCREEN
642001-03	SHOULDER RUMBLE STRIPS 16"
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5M) AWAY
701201-05	LANE CLOSURE, 2L 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-12	LANE CLOSURE, FREEWAY/EXPRESSWAY WITH BARRIER
701406-13	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701901-11	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATION RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

LICENSED STRUCTURAL ENGINEER

A. RAMI ASFAHANI

081-009323

STATE OF ILLINOIS

Farnsworth

GROUP

11/30/2026

EXPIRES

A. RAMI ASFAHANI S.E.

081-009323

APPLY TO SHEETS:

4-10, 50-78, SA-01-SA-29

08/07/2026

79-107, SB-01-SB-29

DATE

STATE OF ILLINOIS

VINCENT P. TABOR

7047

SPRINGFIELD, ILL.

LICENSED STRUCTURAL ENGINEER

QEI

QUIGG ENGINEERING INC

11/30/2026

EXPIRES

VINCENT P. TABOR S.E.

081-007047

APPLY TO SHEETS:

131-141, SD-01-SD-11

08/07/2026

DATE

ALI A. GHARAMTI

081-005060

LICENSED STRUCTURAL ENGINEER

EAST MOLINE

STATE OF ILLINOIS

IMEG

11/30/2026

EXPIRES

ALI A. GHARAMTI S.E.

081-005060

APPLY TO SHEETS:

108-130, SC-01-SC-23

08/07/2026

DATE

LICENSED STRUCTURAL ENGINEER

MOSHE L. COHEN

081-008104

STATE OF ILLINOIS

Kaskaskia

Engineering Group, LLC

11/30/2026

EXPIRES

MOSHE L. COHEN S.E.

081-008104

APPLY TO SHEETS:

142-152, SE-01-SE-11

08/07/2026

DATE

LICENSED PROFESSIONAL ENGINEER

MASOOD AHMAD

062-051507

OF ILLINOIS

BLOOM COMPANIES, LLC

Infrastructure Innovation and Ingenuity

11/30/2027

EXPIRES

MASOOD AHMAD P.E.

062-051507

APPLY TO SHEETS:

1-3, 11-49, 153-169

08/07/2026

DATE

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BLOOM COMPANIES, LLC Infrastructure Innovation and Ingenuity 100 N. Western Drive, Suite 1200 • Chicago, IL 60608 Phone: (312) 876-6600 Fax: (312) 876-6602	USER NAME = cmercado		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, HIGHWAY STANDARDS, AND COMMITMENTS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -		REVISD -	REVISED -					80	(37-(3-1,4,5,6)) BRR	HENRY	169	2
	PLOT SCALE = \$\$SCALE\$		CHECKED -	REVISED -					CONTRACT NO. 64T43				
	PLOT DATE = 8/7/2026		DATE -	REVISED -		SCALE:	SHEET 1	OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

GENERAL NOTES

1.

THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES AND SHALL BE LIABLE FOR ANY DAMAGE TO THEM RESULTING FROM THEIR OPERATIONS.
2.

ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS INDICATED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED IMPROVEMENT LIMITS SHALL BE SEEDED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
3.

PARTIAL DEPTH SAW CUTS SHALL BE PROVIDED AT ALL REMOVAL LIMITS UNLESS OTHERWISE SHOWN ON THE PLANS. ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED.
4.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
5.

RELOCATE TEMPORARY IMPACT ATTENUATORS SHALL INCLUDE STORAGE AND TRANSPORTATION TO AND FROM STORAGE, WHEN THE DEVICE IS NOT NEEDED FOR A TIME, AS SHOWN ON THE STAGING PLANS. THIS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR IMPACT ATTENUATORS, RELOCATE OF THE TYPE SPECIFIED.
6.

THE BARRIER UNIT AT EACH END SHALL BE ANCHORED AS SPECIFIED IN ARTICLE 704.04. ALL ANCHORING AND PINNING HOLES SHALL BE CORE DRILLED.
7.

WHEN RELOCATE TEMPORARY CONCRETE BARRIER IS SPECIFIED, THE WALL SHALL BE REMOVED, STORAGE AND TRANSPORTATION TO AND FROM STORAGE, WHEN THE WALL IS NOT NEEDED FOR A TIME AS SHOWN ON THE STAGING PLANS, RELOCATED AND REINSTATED AT THE NEW LOCATION. THE REINSTALLATION REQUIREMENTS SHALL BE THE SAME AS THOSE FOR A NEW INSTALLATION. THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR RELOCATE TEMPORARY CONCRETE BARRIER.
8.

NO STREAM PERMITS HAVE BEEN PROCURED FOR THIS PROJECT. NONE ARE REQUIRED FROM THE REGULATORY AGENCIES AS LONG AS THERE IS NO DEBRIS FALLING OR BEING PLACED INTO THE STREAM. ANY TEMPORARY FILL IN THE STREAM OR THE COMPROMISING OF THE DIKE (IF APPLICABLE) WILL NOT BE ALLOWED. IF THE CONTRACTOR CHOOSES TO USE ALTERNATE/MODIFIED CONSTRUCTION METHOD(S) FROM THE AFOREMENTIONED, THEY WILL BE RESPONSIBLE FOR OBTAINING THE PROPER PERMITS. NO RELIEF OR COMPENSATION WILL BE GIVEN FOR ANY DELAYS,WORKING DAYS CHARGED, OR CALENDAR DAYS EXPIRED AS A RESULT OF THE LOSS OF TIME OR DELAY DURING THE RE-SUBMITTAL PROCESS TO PROCURE THE NECESSARY PERMIT(S) DUE TO THE CONTRACTOR CHOOSING ALTERNATE/MODIFIED CONSTRUCTION METHOD(S). ABSOLUTELY NO CONSTRUCTION ACTIVITIES WILL TAKE PLACE WITHOUT THE PROPER PERMITS BEING SECURED.
9.

THE FOLLOWING LISTED UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE MEMBERS OF JULIE:

GENESEO COMMUNICATIONS, INC.
NICOR GAS CO.
MEDIACOM
CITY OF GENESEO
AMEREN IP
MCI WORLD COM

309-714-2429
630-388-3019
309-944-0139
309-944-8424
309-345-5173
972-729-6016

IDOT IS NOT A MEMBER OF JULIE. IF YOU ARE NEAR ANY OVERHEAD LIGHTING, INTERSECTION LIGHTING OR TRAFFIC SIGNALS, CONTACT THE IDOT TRAFFIC OFFICE AT 815/284-5469 AT LEAST 48 HOURS PRIOR TO WORK.

10.

THE AREA TO BE TACKED OR PRIMED SHALL BE LIMITED TO THAT WHICH CAN BE COVERED WITH HMA ON THE NEXT DAY'S PRODUCTION, BUT NO MORE THAN FIVE DAYS IN ADVANCE OF THE PLACEMENT OF THE HMA, UNLESS APPROVED BY THE ENGINEER.
11.

PAVEMENT MARKINGS SHALL BE DONE ACCORDING TO STANDARD 780001, EXCEPT AS FOLLOWS:

1.

ALL WORDS, SUCH AS ONLY, SHALL BE 8 FEET HIGH.

2.

ALL NON-FREEWAY ARROWS SHALL BE THE LARGE SIZE.

3.

THE DISTANCE BETWEEN YELLOW NO-PASSING LINES SHALL BE 8 INCHES, NOT 7 INCHES, AS SHOWN IN THE DETAIL OF TYPICAL LANE AND EDGE LINES

4.

CENTERLINE SKIP DASH PAVEMENT MARKINGS ON MULTI-LANE DIVIDED, MULTI-LANE UNDIVIDED AND ONE-WAY ROADWAYS SHALL BE ACCORDING TO DISTRICT 2 STANDARD 41.1.
12.

THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING, TOPOGRAPHY, AND QUANTITIES SHOWN ON THESE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS. ALL SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
13.

PROPOSED PAVEMENT MARKINGS SHALL BE PLACED IN THE SAME LOCATIONS AS EXISTING OR AS INDICATED BY THE ENGINEER.
14.

US 6 UNDER I-80 WILL BE CLOSED IN ACCORDANCE WITH HIGHWAY STANDARD 701201, LANE CLOSURE, 2L 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH.
15.

1900 E UNDER I-80 WILL BE CLOSED IN ACCORDANCE WITH DISTRICT 2 STANDARD 40.1, TRAFFIC CONTROL FOR ROAD CLOSURE. ROAD CLOSURE WILL BE ALLOWED FOR ONE MONTH.

RATES OF APPLICATION TABLE

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

AGGREGATE (SURFACE, BASE, SUBBASE OR BACKFILL).....2.05 TON / CU YD

HOT-MIX ASPHALT
BITUMINOUS MATERIAL (TACK COAT) (ON EXIST PAVEMENT)..... 0.05 LB / SQ FT
HOT-MIX ASPHALT SURFACE COURSE (112 LB / SQ YD / IN)..... 0.056 TON / SQ YD * IN

HMA MIXTURE REQUIREMENTS TABLE

LOCATION	ENTIRE PROJECT
MIXTURE USE:	HMA SURFACE
PG	SBS PG 70-28
DESIGN AIR VOIDS	4.0% @ N _{DES} = 90
MIXTURE COMPOSITION (GRADATION)	IL 9.5
FRICTION AGGREGATE	MIX "D"
MIXTURE WEIGHT	112 LB / SQ YD / IN
QUALITY MANAGEMENT PLAN	QC/QA
SUBLOT SIZE	N/A

COMMITMENTS

NONE.

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE
				0013	0013	0013	0013	0013	0013
				RURAL	SN 037-0035 SN 037-0036	SN 037-0039 SN 037-0040	SN 037-0041 SN 037-0042	SN 037-0043 SN 037-0044	SN 037-0045 SN 037-0046
28100109	STONE RIPRAP, CLASS A5	SQ YD	25						25
28100703	STONE DUMPED RIPRAP, CLASS A2	SQ YD	130				130		
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	3,764	3,764					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	8,376	8,376					
40600990	TEMPORARY RAMP	SQ YD	592	592					
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	716	716					
42000060	WELDED WIRE REINFORCEMENT	SQ YD	268	268					
42000800	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 7"	SQ YD	268	268					
44000100	PAVEMENT REMOVAL	SQ YD	160	160					
44004250	PAVED SHOULDER REMOVAL	SQ YD	108	108					
44200050	WELDED WIRE REINFORCEMENT	SQ YD	36	36					
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	18	18					
44200998	CLASS B PATCHES, TYPE III, 12 INCH	SQ YD	36	36					
44201299	DOWEL BARS 1 1/2"	EACH	110	110					



USER NAME =	DESIGNED - TJL	REVISED -
	CHECKED - RA	REVISED -
	DRAWN - DJM	REVISED -
PLOT DATE = 5/1/2026	CHECKED - RA	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	4
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

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				0013	0013	0013	0013	0013	0013
				RURAL	SN 037-0035 SN 037-0036	SN 037-0039 SN 037-0040	SN 037-0041 SN 037-0042	SN 037-0043 SN 037-0044	SN 037-0045 SN 037-0046
44213200	SAW CUTS	FOOT	190	190					
50102400	CONCRETE REMOVAL	CU YD	437.9		68.9	115.9	247.6	5.5	
50157300	PROTECTIVE SHIELD	SQ YD	1,308					1,308	
50200100	STRUCTURE EXCAVATION	CU YD	334			334			
50300225	CONCRETE STRUCTURES	CU YD	133.0			52.9	80.1		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	189.5		76.6	75.3	30.8	6.8	
50300300	PROTECTIVE COAT	SQ YD	10,236		2,804	1,827	1,042	2,731	1,832
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	481.9			241.9	240.0		
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	3,850			3,850			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	217,670		6,030	111,110	100,180	350	
50800515	BAR SPLICERS	EACH	1,328		56	672	592	8	
52000110	PREFORMED JOINT STRIP SEAL	FOOT	618		278	66	168		
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	36			36			
52100520	ANCHOR BOLTS, 1"	EACH	72			72			



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	CHECKED - RA	REVISED -
	DRAWN - DJM	REVISED -
PLOT DATE = 5/1/2026	CHECKED - RA	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE
				0013	0013	0013	0013	0013	0013
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	RURAL	SN 037-0035 SN 037-0036	SN 037-0039 SN 037-0040	SN 037-0041 SN 037-0042	SN 037-0043 SN 037-0044	SN 037-0045 SN 037-0046
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	240			240			
53016000	DECK SLAB REPAIR (PARTIAL)	SQ YD	10				10		
53016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	15		10	5			
53101002	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	11,130	1583	2,770	1,185	1,042	2,718	1,832
53101409	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/2"	SQ YD	11,193	1583	2,770	1,248	1,042	2,718	1,832
53212754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	466		85	43	140	37	161
53212755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	3			3			
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	246			246			
58700300	CONCRETE SEALER	SQ FT	14,161		8,774	5,354		33	
59000200	EPOXY CRACK INJECTION	FOOT	804		361	435			8
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	132			132			
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	8			8			
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	192			192			
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	4		4				



USER NAME =	DESIGNED - TJL	REVISED -
	CHECKED - RA	REVISED -
	DRAWN - DJM	REVISED -
PLOT DATE = 5/1/2026	CHECKED - RA	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	6
		CONTRACT NO. 64T43		
ILLINOIS		FED. AID PROJECT		

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				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE
				0013	0013	0013	0013	0013	0013
				RURAL	SN 037-0035 SN 037-0036	SN 037-0039 SN 037-0040	SN 037-0041 SN 037-0042	SN 037-0043 SN 037-0044	SN 037-0045 SN 037-0046
63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	75	75					
63302700	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 6	EACH	5	5					
63800920	MODULAR GLARE SCREEN SYSTEM, TEMPORARY	FOOT	10,075	10,075					
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	3,680	3,680					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8					
67100100	MOBILIZATION	L SUM	1	1					
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	10	10					
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2	2					
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1					
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1					
70107004	PAVEMENT MARKING BLACKOUT TAPE, 4"	FOOT	56,708	56,708					
70107008	PAVEMENT MARKING BLACKOUT TAPE, 8"	FOOT	2,035	2,035					
70107012	PAVEMENT MARKING BLACKOUT TAPE, 12"	FOOT	465	465					
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	480	480					



USER NAME =	DESIGNED - TJL	REVISED -
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	DRAWN - DJM	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	7
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

MODEL: 0370035-0040-64T43-SprBorder [Sheet]
FILE NAME: c:\pw_working\firm-pw-01\ms17256\2564143-Border.dgn

				CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE
				0013	0013	0013	0013	0013	0013
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	RURAL	SN 037-0035 SN 037-0036	SN 037-0039 SN 037-0040	SN 037-0041 SN 037-0042	SN 037-0043 SN 037-0044	SN 037-0045 SN 037-0046
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	145,180	145,180					
70400100	TEMPORARY CONCRETE BARRIER	FOOT	16,750	16,750					
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	5,736	5,736					
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	7,100	7,100					
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	10	10					
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	10	10					
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	10,046	10,046					
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	10,046	10,046					
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	460	460					
* 78011050	GROOVING FOR RECESSED PAVEMENT MARKING 10"	FOOT	689	689					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	64	64					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	64	64					
X0325748	ACRYLIC COATING	SQ YD	1,586		401	274	190	488	233
* X2700028	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 6" (INSTALL ONLY)	FOOT	460	460					

*= SPECIALTY ITEM



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	CHECKED - RA	REVISED -
	DRAWN - DJM	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	8
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

MODEL: 0370035-0040-64743-SprBorder [Sheet]
FILE NAME: c:\pw_working\firm-pw-01\ms17256\2564143-Border.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE
				0013	0013	0013	0013	0013	0013
				RURAL	SN 037-0035 SN 037-0036	SN 037-0039 SN 037-0040	SN 037-0041 SN 037-0042	SN 037-0043 SN 037-0044	SN 037-0045 SN 037-0046
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	6,708.0		2,154	1,040	624	1,838	1,052
X5030530	FLOOR DRAIN EXTENSION	EACH	68		44				24
X5060704	CLEANING AND PAINTING EXPOSED REBAR	SQ FT	444				444		
X5080530	BAR TERMINATORS	EACH	340			340			
X5110306	SLOPE WALL BREAKING	SQ YD	25						25
X5110308	SLOPE WALL CRACK SEALING	FOOT	626		473	153			
X5110310	SLOPE WALL REPAIR	SQ YD	11		1	5		5	
X5110312	SLOPE WALL SLURRY PUMPING	CU YD	12.5					12.5	
X5230172	DRAINAGE SCUPPERS TO BE ADJUSTED	EACH	40		8	24		8	
X6015012	REMOVE AND REINSTALL CONCRETE HEADWALL FOR PIPE DRAIN	EACH	5	5					
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	36			36			
Z0004552	APPROACH SLAB REMOVAL	SQ YD	571			571			



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	9
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

MODEL: SCH-01 [Sheet]
FILE NAME: c:\paw_working\paw-pw-01\pms17207\0264143-sjt-schedule.dgn

PAVING SCHEDULE														
LOCATION			40600295	40600982	40600990	40604164	42000060	42000800	44000100	44004250	53101002	53101409	64200116	Z0029090
			POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT	TEMPORARY RAMP	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	WELDED WIRE REINFORCEMENT	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 7"	PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL	BRIDGE DECK SCARIFICATION 3/4"	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/2"	SHOULDER RUMBLE STRIPS, 16 INCH	DIAMOND GRINDING (BRIDGE SECTION)
STA.	TO	STA.	POUND	SQ YD	SQ YD	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	SQ YD
SN 037-0035														
1041+77	TO	1042+37	141	314	40	27							120	
1042+37	TO	1042+89									167	167		167
1045+09	TO	1045+59									169	169		169
1045+59	TO	1046+19	141	314	40	27							120	
SN 037-0036														
1040+77	TO	1041+37	141	314	40	27							120	
1041+37	TO	1041+89									161	161		161
1043+98	TO	1044+59									189	189		189
1044+59	TO	1045+19	141	314	40	27							120	
SN 037-0039														
1253+38	TO	1254+38	200	445	27	38							200	
1254+38	TO	1254+50									59	59		59
1256+49	TO	1256+60									57	57		57
1256+60	TO	1257+60	200	445	27	38							200	
SN 037-0040														
1253+36	TO	1254+36	200	445	27	38							200	
1254+36	TO	1254+49									67	67		67
1256+48	TO	1256+61									68	68		68
1256+61	TO	1257+61	200	445	27	38							200	
SN 037-0041														
1315+68	TO	1316+68	200	445	27	38							200	
1316+68	TO	1316+83					67	67	40	27				
1318+60	TO	1318+75					67	67	40	27				
1318+75	TO	1319+75	200	445	27	38							200	
SN 037-0042														
1315+68	TO	1316+68	200	445	27	38							200	
1316+68	TO	1316+83					67	67	40	27				
1318+60	TO	1318+75					67	67	40	27				
1318+75	TO	1319+75	200	445	27	38							200	
SN 037-0043														
1608+71	TO	1609+71	200	445	27	38							200	
1609+71	TO	1609+98									72	72		72
1613+25	TO	1613+50									72	72		72
1613+50	TO	1614+50	200	445	27	38							200	
SN 037-0044														
1608+25	TO	1609+25	200	445	27	38							200	
1609+25	TO	1609+51									72	72		72
1612+76	TO	1613+03									72	72		72
1613+03	TO	1614+03	200	445	27	38							200	
SN 037-0045														
1752+27	TO	1753+27	200	445	27	38							200	
1753+27	TO	1753+49									85	85		85
1755+35	TO	1755+63									104	104		104
1755+63	TO	1756+63	200	445	27	38							200	
SN 037-0046														
1751+95	TO	1752+95	200	445	27	38							200	
1752+95	TO	1753+09									79	79		79
1755+12	TO	1755+38									90	90		90
1755+38	TO	1756+38	200	445	27	38							200	
TOTAL			3,764	8,376	592	716	268	268	160	108	1,583	1,583	3,680	1,583



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	11
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

MODEL: SCH-02 [Sheet]
FILE NAME: c:\pw_working\larr-pw-cv1\ms17207\0264143-sht-schedule.dgn

TRAFFIC CONTROL & PROTECTION SCHEDULE (SN 037-0035 & SN 037-0036)													
LOCATION			63800920	70107004	70107008	70107012	70107025	70307120	70400100	70400125	70400200	70600250	70600350
			MODULAR GLARE SCREEN SYSTEM, TEMPORARY	PAVEMENT MARKING BLACKOUT TAPE, 4"	PAVEMENT MARKING BLACKOUT TAPE, 8"	PAVEMENT MARKING BLACKOUT TAPE, 12"	CHANGEABLE MESSAGE SIGN	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	TEMPORARY CONCRETE BARRIER	PINNING TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3
STA.	TO	STA.	FOOT	FOOT	FOOT	FOOT	CAL DA	FOOT	FOOT	EACH	FOOT	EACH	EACH
SN 037-0035 (E.B.)													
STAGE 1													
1014+00.00	TO	1050+80.00		1,665	550	100		5,950	662.5	108		1	
STAGE 2													
1021+82.00	TO	1049+19.00		2,111	495	65		3,911		72	550		1
STAGE 3													
1006+35.13	TO	1127+08.11	10,075	8,562				31,845	9,525	3,120	550		
SN 037-0036 (W.B.)													
STAGE 1													
STAGE 2													
1033+00.00	TO	1063+00.00		1,133	660	270		6,188	525	64		1	
STAGE 3													
1014+42.13	TO	1134+18.43		7,165	330	30		18,629	12.5	76	525		1
TOTAL			10,075	20,636	2,035	465	96	66,523	10,725	3,440	1,625	2	2

TRAFFIC CONTROL & PROTECTION SCHEDULE (SN 037-0039 & SN 037-0040)												
LOCATION			70107004	70107008	70107012	70107025	70307120	70400100	70400125	70400200	70600250	70600350
			PAVEMENT MARKING BLACKOUT TAPE, 4"	PAVEMENT MARKING BLACKOUT TAPE, 8"	PAVEMENT MARKING BLACKOUT TAPE, 12"	CHANGEABLE MESSAGE SIGN	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	TEMPORARY CONCRETE BARRIER	PINNING TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3
STA.	TO	STA.	FOOT	FOOT	FOOT	CAL DA	FOOT	FOOT	EACH	FOOT	EACH	EACH
SN 037-0039 (E.B.)												
STAGE 1												
1233+43.00	TO	1259+11.50	2,108				4,652	562.5	108		1	
STAGE 2												
1233+43.00	TO	1258+49.62	1,881				4,365	25	116	562.5		1
SN 037-0040 (W.B.)												
STAGE 1												
1251+84.50	TO	1277+56.00	2,111				4,657	575	112		1	
STAGE 2												
1252+64.37	TO	1277+56.00	1,866				4,358	25	120	575		1
TOTAL			7,966	0	0	96	18,032	1,188	456	1,138	2	2

TRAFFIC CONTROL & PROTECTION SCHEDULE (SN 037-0041 & SN 037-0042)												
LOCATION			70107004	70107008	70107012	70107025	70307120	70400100	70400125	70400200	70600250	70600350
			PAVEMENT MARKING BLACKOUT TAPE, 4"	PAVEMENT MARKING BLACKOUT TAPE, 8"	PAVEMENT MARKING BLACKOUT TAPE, 12"	CHANGEABLE MESSAGE SIGN	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	TEMPORARY CONCRETE BARRIER	PINNING TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3
STA.	TO	STA.	FOOT	FOOT	FOOT	CAL DA	FOOT	FOOT	EACH	FOOT	EACH	EACH
SN 037-0041 (E.B.)												
STAGE 1												
1294+23.15	TO	1323+21.16	2,298				5,096	837.5	200		1	
STAGE 2												
1294+23.15	TO	1321+97.13	2,174				4,912	25	208	837.5		1
SN 037-0042 (W.B.)												
STAGE 1												
1313+10.16	TO	1341+20.15	2,310				5,120	825	196		1	
STAGE 2												
1313+46.14	TO	1341+20.15	2,174				4,912	37.5	208	825		1
TOTAL			8,956	0	0	96	20,040	1,725	812	1,663	2	2

PATCHING SCHEDULE					
LOCATION	44200050	44200994	44200998	44201299	44213200
	WELDED WIRE REINFORCEMENT	CLASS B PATCHES, TYPE II, 12 INCH	CLASS B PATCHES, TYPE III, 12 INCH	DOWEL BARS 1 1/2"	SAW CUTS
	SQ YD	SQ YD	SQ YD	EACH	FOOT
SN 037-0035	16			16	60
SN 037-0036	20		20	30	56
SN 037-0045		8		20	36
SN 037-0046		10		20	38
TOTAL	36	18	36	110	190



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	12
CONTRACT NO. 64T43				
		ILLINOIS	FED. AID PROJECT	

MODEL: SCH-03 [Sheet]
FILE NAME: c:\pw_working\larr-pw-01\ms17207\0264143-sht-schedule.dgn

TRAFFIC CONTROL & PROTECTION SCHEDULE (SN 037-0043 & SN 037-0044)												
LOCATION			70107004	70107008	70107012	70107025	70307120	70400100	70400125	70400200	70600250	70600350
			PAVEMENT MARKING BLACKOUT TAPE, 4"	PAVEMENT MARKING BLACKOUT TAPE, 8"	PAVEMENT MARKING BLACKOUT TAPE, 12"	CHANGEABLE MESSAGE SIGN	TEMPORARY PAVEMENT MARKING - LINE 4" TYPE IV TAPE	TEMPORARY CONCRETE BARRIER	PINNING TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3
STA.	TO	STA.	FOOT	FOOT	FOOT	CAL DA	FOOT	FOOT	EACH	FOOT	EACH	EACH
STAGE 1			SN 037-0043 (E.B.)									
1588+86.66	TO	1616+61.62	2,775				5,582	775	116		1	
STAGE 2												
1588+91.00	TO	1616+37.00	2,746				5,566	250	196	775		1
			SN 037-0044 (W.B.)									
STAGE 1												
1606+11.54	TO	1633+98.00	2,786				5,885	787.5	128		1	
STAGE 2												
1606+11.54	TO	1633+98.00	2,786				5,591	187.5	188	787.5		1
TOTAL			11,093	0	0	96	22,624	2,000	628	1,563	2	2

TRAFFIC CONTROL & PROTECTION SCHEDULE (SN 037-0045 & SN 037-0046)												
LOCATION			70107004	70107008	70107012	70107025	70307120	70400100	70400125	70400200	70600250	70600350
			PAVEMENT MARKING BLACKOUT TAPE, 4"	PAVEMENT MARKING BLACKOUT TAPE, 8"	PAVEMENT MARKING BLACKOUT TAPE, 12"	CHANGEABLE MESSAGE SIGN	TEMPORARY PAVEMENT MARKING - LINE 4" TYPE IV TAPE	TEMPORARY CONCRETE BARRIER	PINNING TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3
STA.	TO	STA.	FOOT	FOOT	FOOT	CAL DA	FOOT	FOOT	EACH	FOOT	EACH	EACH
STAGE 1			SN 037-0045 (E.B.)									
1732+32.00	TO	1758+90.75	2,075				4,534	550	96		1	
STAGE 2												
1732+32.00	TO	1757+19.74	1,928				4,416		96	550		1
			SN 037-0046 (W.B.)									
STAGE 1												
1749+23.24	TO	1776+33.00	2,053				4,917	562.5	104		1	
STAGE 2												
1749+94.25	TO	1776+33.00	2,001				4,094		104	562.5		1
TOTAL			8,057	0	0	96	17,961	1,113	400	1,113	2	2

PAVEMENT MARKING SCHEDULE										
LOCATION			78009004	78011025	78011035	78011050	78100100	78300200	X2700028	X2700029
			MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	GROOVING FOR RECESSED PAVEMENT MARKING 10"	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 6" (INSTALL ONLY)	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 9" (INSTALL ONLY)
STA.	TO	STA.	FOOT	FOOT	FOOT	FOOT	EACH	EACH	FOOT	FOOT
SN 037-0035										
1041+77.00	TO	1046+19.00	1,326	1,326	30	81	6	6	30	81
SN 037-0036										
1040+77.00	TO	1045+19.00	1,326	1,326	30	81	6	6	30	81
SN 037-0039										
1253+38.00	TO	1257+60.00	844	844	50	56	6	6	50	56
SN 037-0040										
1253+36.00	TO	1257+61.00	850	850	50	57	6	6	50	57
SN 037-0041										
1315+68.15	TO	1319+75.15	814	814	50	52	6	6	50	52
SN 037-0042										
1315+68.15	TO	1319+75.15	814	814	50	52	6	6	50	52
SN 037-0043										
1608+71.00	TO	1614+50.00	1,158	1,158	50	95	8	8	50	95
SN 037-0044										
1608+25.00	TO	1614+03.00	1,156	1,156	50	95	8	8	50	95
SN 037-0045										
1752+27.00	TO	1756+63.00	872	872	50	59	6	6	50	59
SN 037-0046										
1751+95.00	TO	1756+38.00	886	886	50	61	6	6	50	61
TOTAL			10,046	10,046	460	689	64	64	460	689

GUARDRAIL SCHEDULE						
LOCATION				63301210	63302700	
				REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 6	
STA.	TO	STA.	OFF. (LT/RT)	FOOT	EACH	
SN 037-0041						
1316+75.65	TO	1317+13.15	21.11' (LT)		1	
1316+75.65	TO	1318+55.15	22' (RT)	25	1	
SN 037-0042						
1316+88.15	TO	1318+67.65	25.84' (LT)	25	1	
1318+30.15	TO	1318+67.65	16' (RT)		1	
SN 037-0045						
1753+41.50	TO	1755+42.25	22' (RT)	12.5	1	
SN 037-0046						
1753+14.00	TO	1753+26.50	22' (LT)	12.5		
TOTAL				75	5	



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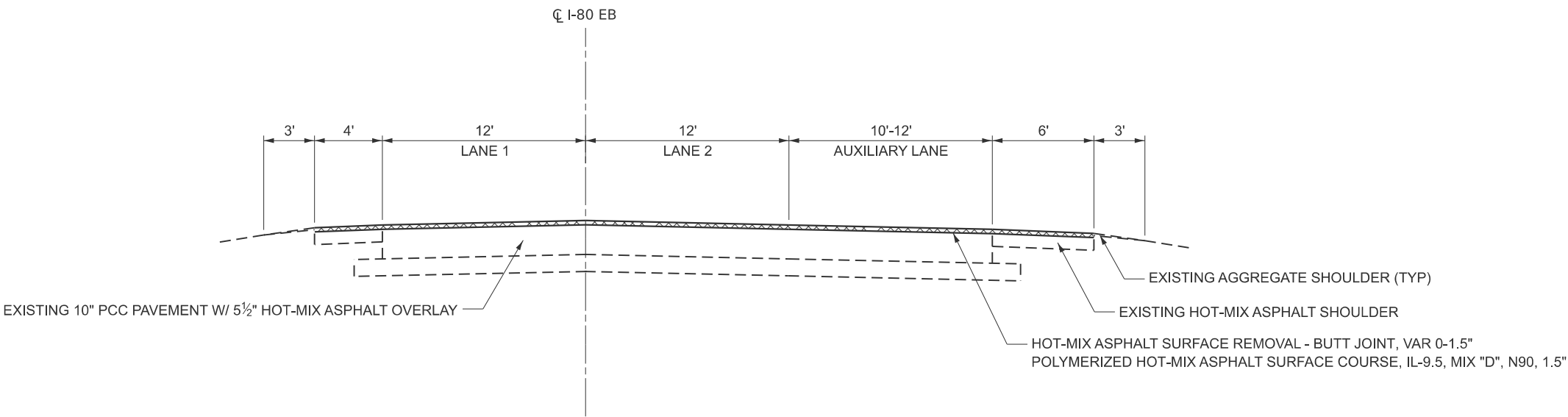
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

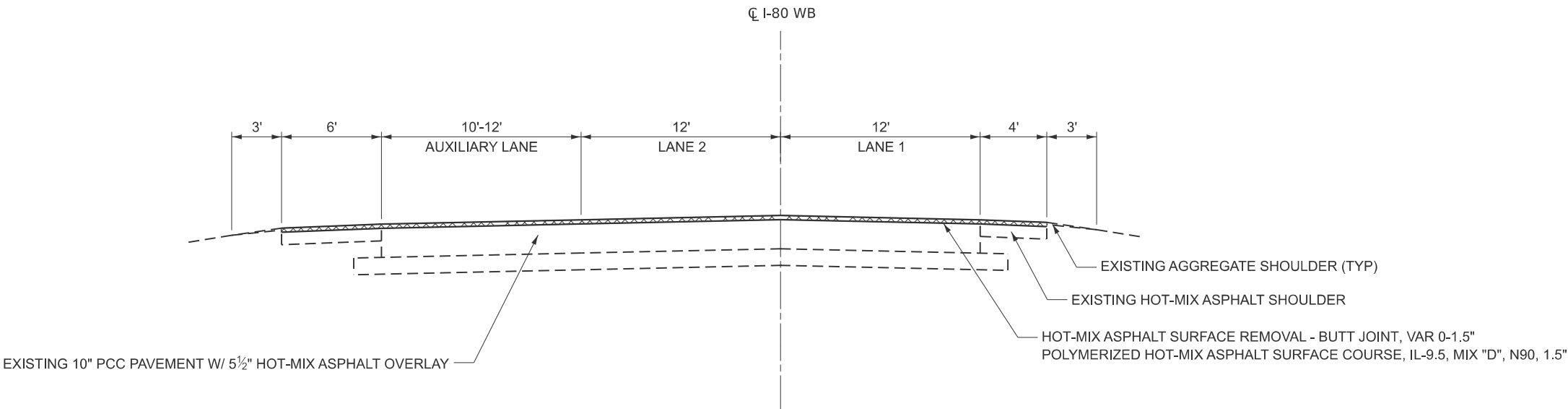
SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	13
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



EASTBOUND

STA 1041+77 TO STA 1042+37
STA 1045+59 TO STA 1046+19



WESTBOUND

STA 1040+77 TO STA 1041+37
STA 1044+59 TO STA 1045+19

MODEL: TYP-01 [Sheet]
FILE NAME: c:\p\working\bar-pw-01\dms17206\0264143-sh-typical.dgn



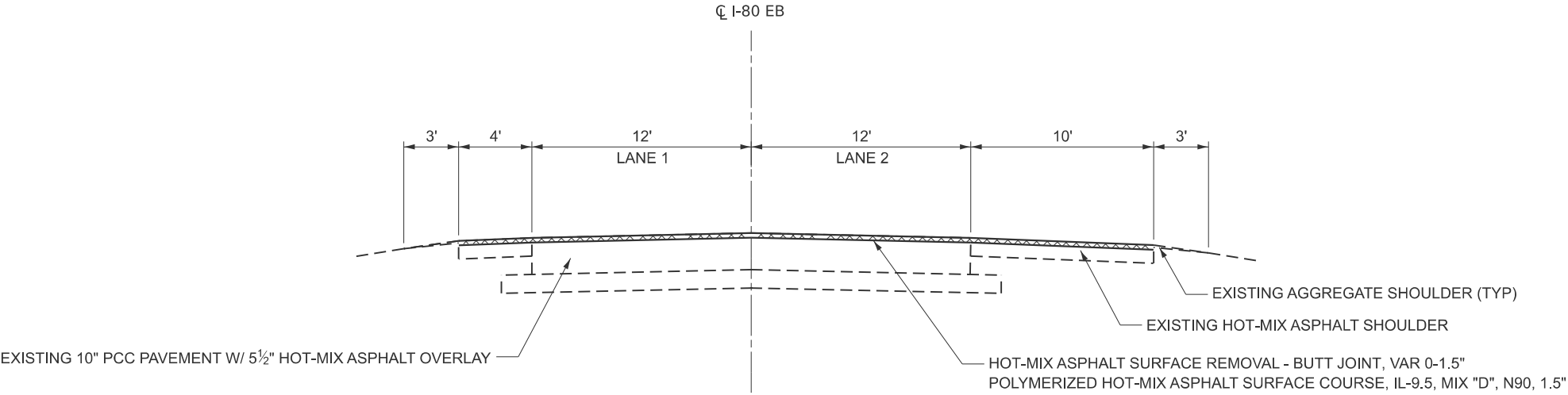
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		DRAWN	-	REVISED	-
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PLOT DATE	= 5/1/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

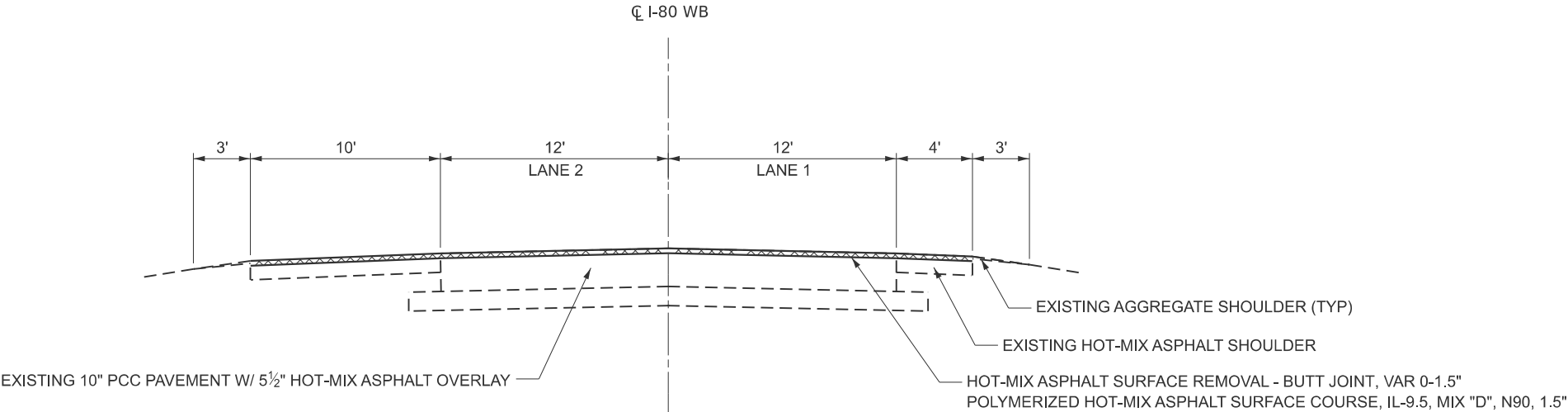
SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	14
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



EASTBOUND

STA 1253+38 TO STA 1254+38
STA 1256+60 TO STA 1257+60



WESTBOUND

STA 1253+36 TO STA 1254+36
STA 1256+61 TO STA 1257+61

MODEL: TYP-02 [Sheet]
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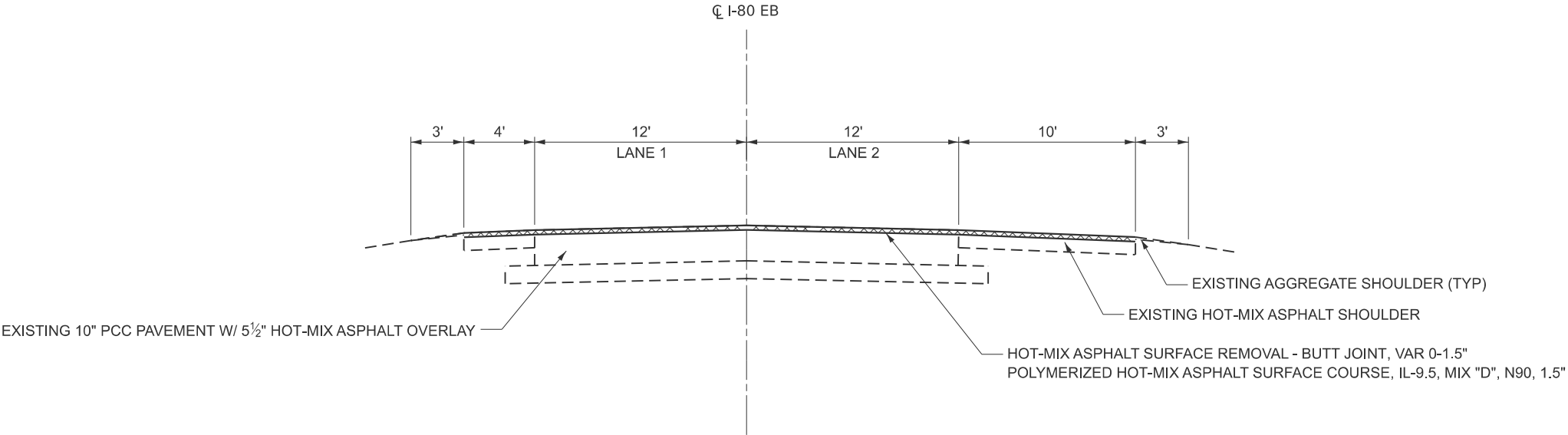
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PLOT DATE	= 5/1/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

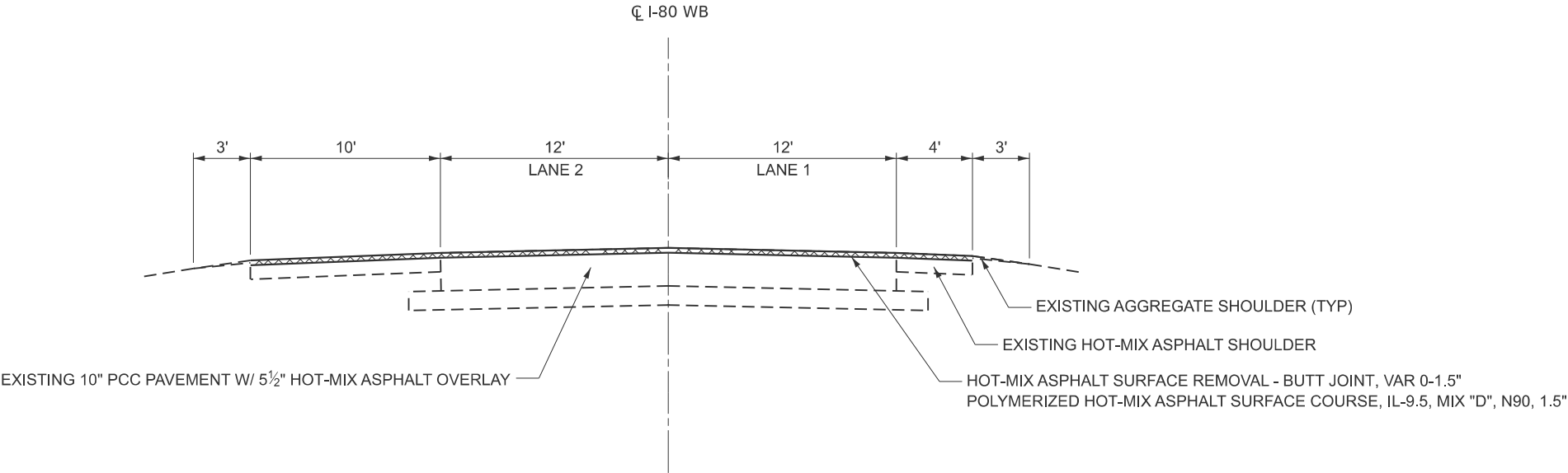
SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	15
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



EASTBOUND

STA 1315+68.15 TO STA 1316+68.15
STA 1318+75.15 TO STA 1319+75.15



WESTBOUND

STA 1315+68.15 TO STA 1316+68.15
STA 1318+75.15 TO STA 1319+75.15

MODEL: TYP-03 [Sheet]
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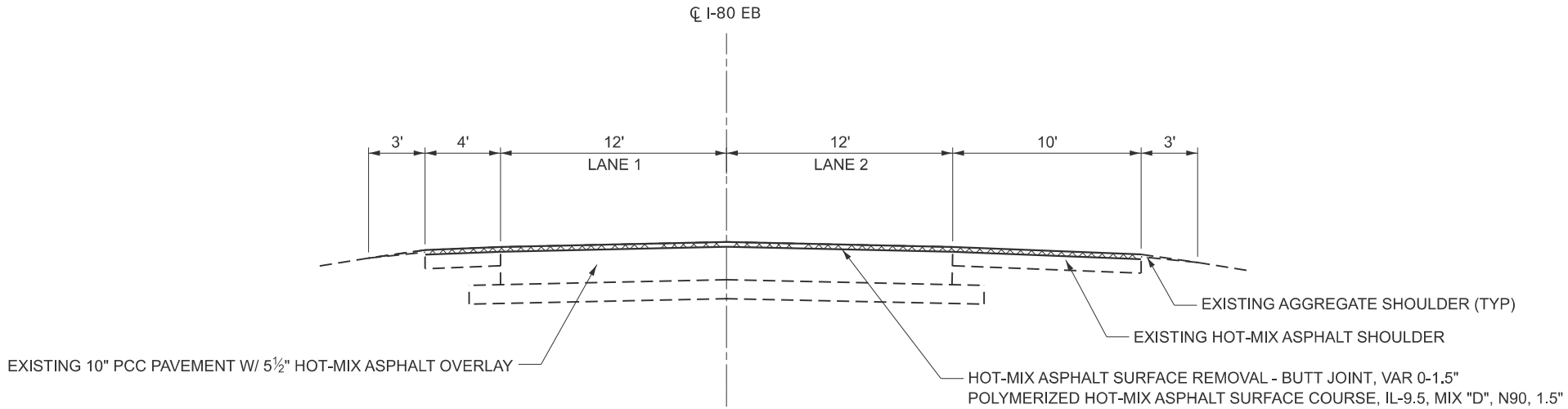
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PLOT DATE	= 5/1/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
STRUCTURE NO. 037-0041 (E.B.) & 037-0042 (W.B.)

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

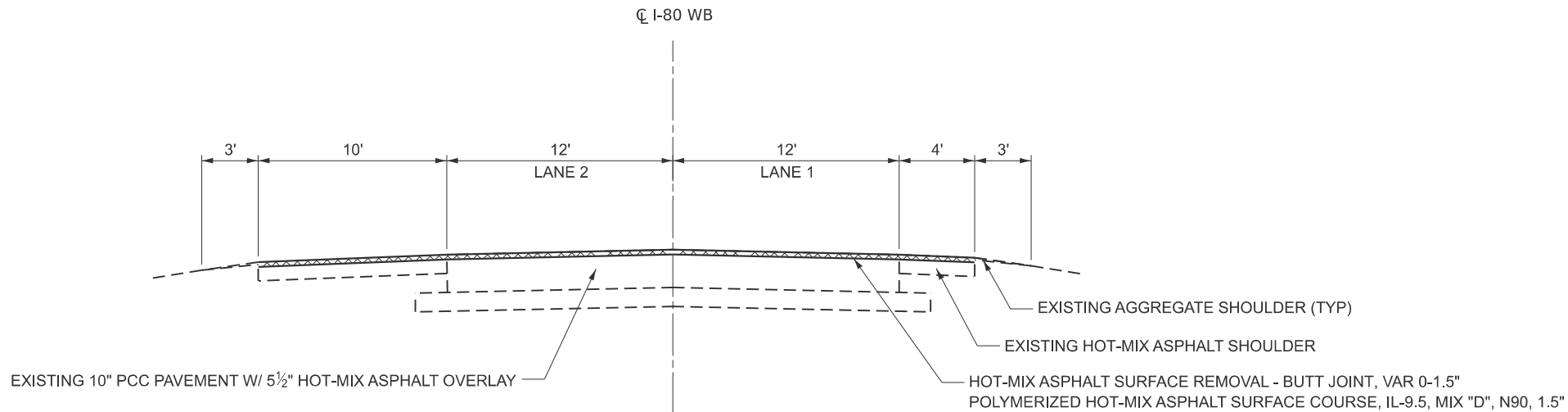
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80	(37-(3-1,4,5,6)) BRR	HENRY	169	16
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



EASTBOUND

STA 1608+71 TO STA 1609+71

STA 1613+50 TO 1614+50



WESTBOUND

STA 1608+25 TO STA 1609+25

STA 1613+03 TO STA 1614+03

MODEL: TYP-04 [Sheet]
FILE NAME: c:\p\working\bar-pw-01\dms17206\0264143-sh-typical.dgn



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DESIGNED	-
DRAWN	-
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PLOT DATE	= 5/1/2026
DATE	-

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

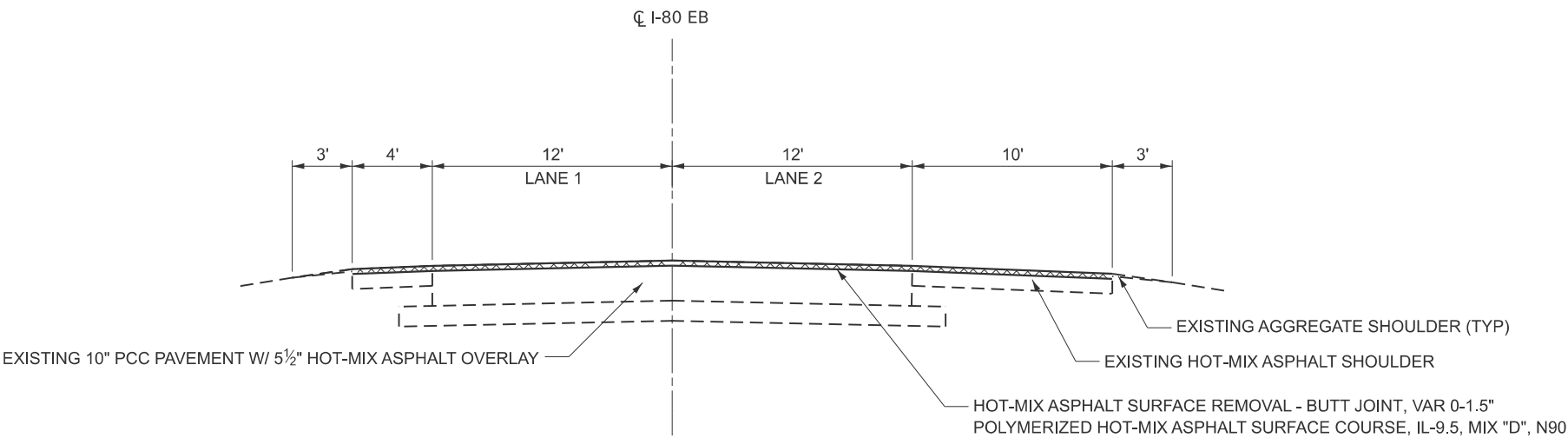
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
STRUCTURE NO. 037-0043 (E.B.) & 037-0044 (W.B.)

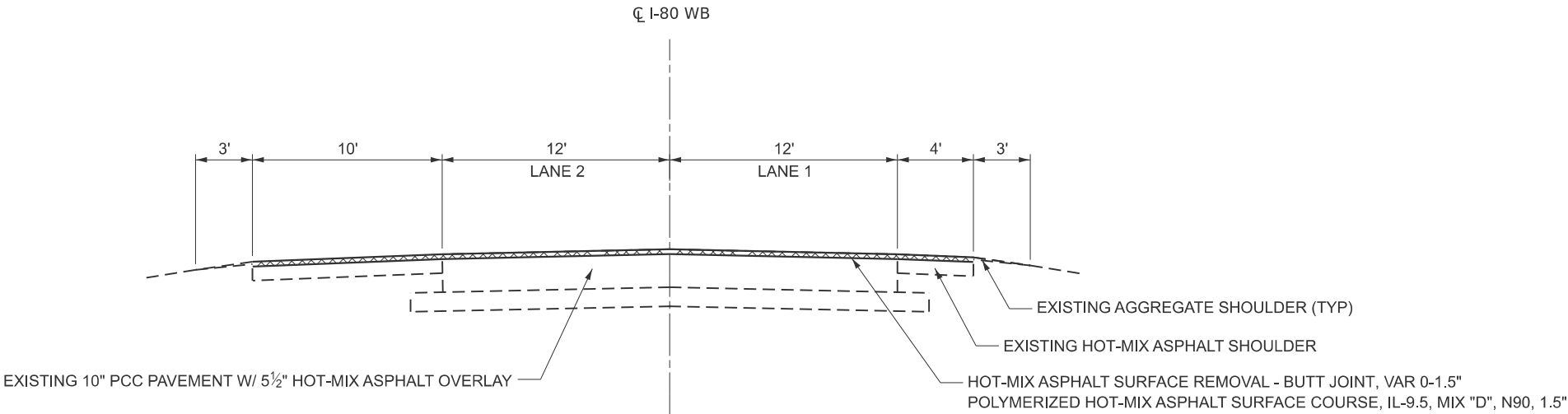
SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	17
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



EASTBOUND

STA 1752+27 TO STA 1753+27
STA 1755+63 TO STA 1756+63



WESTBOUND

STA 1751+95 TO STA 1752+95
STA 1755+38 TO STA 1756+38

MODEL: TYP-05 [Sheet]
FILE NAME: c:\p\working\bar-pw-01\dms17206\0264143-sh-typical.dgn



USER NAME	= cmercado	DESIGNED	-	REVISED	-
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PLOT DATE	= 5/1/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
STRUCTURE NO. 037-0045 (E.B.) & 037-0046 (W.B.)

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	18
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

MODEL: Plan 1 [Sheet]
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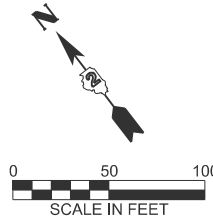
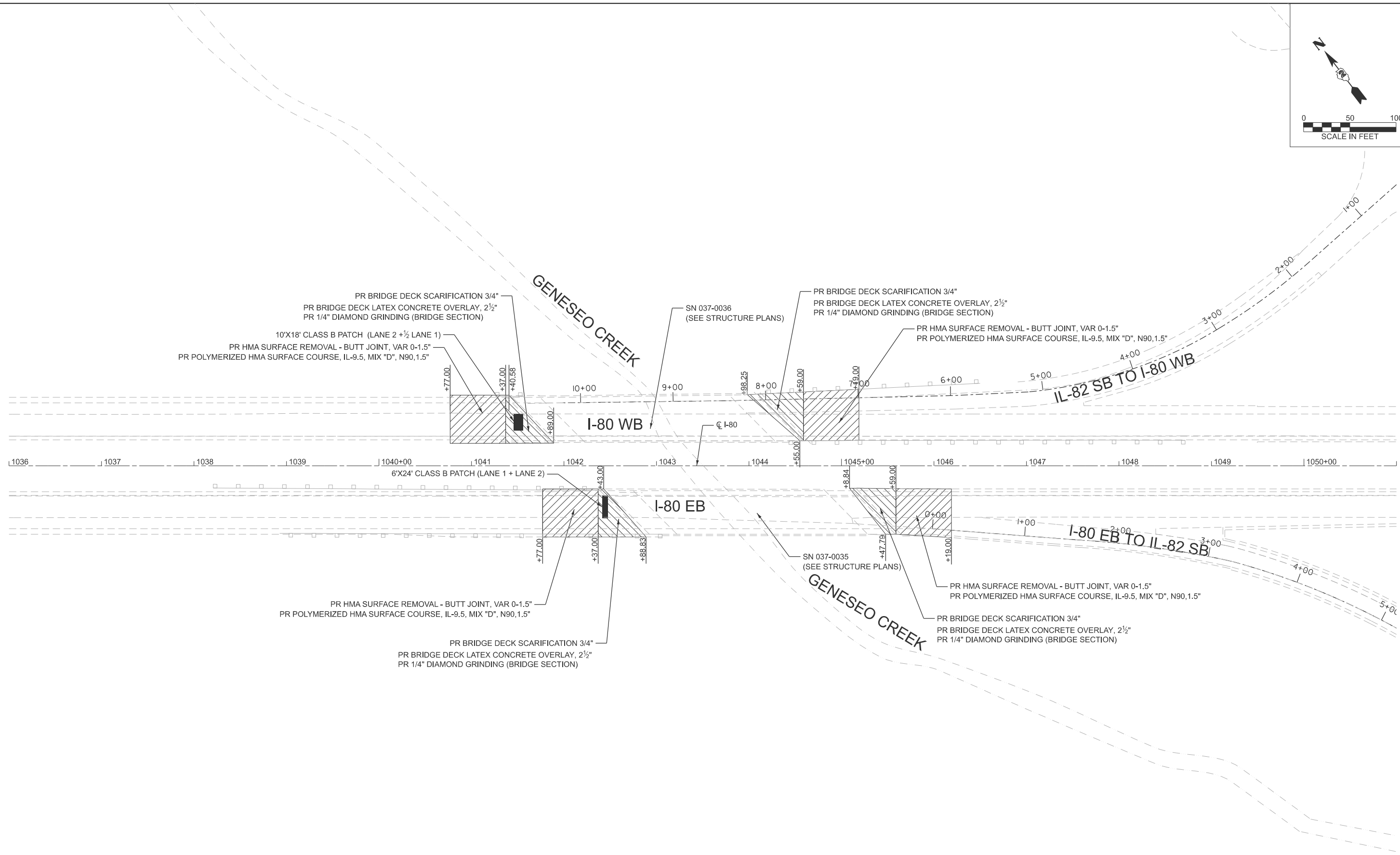
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PLOT DATE	= 5/1/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY IMPROVEMENT PLAN
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SCALE: 1"=50'
SHEET 1 OF 5 SHEETS
STA. 1036+00.00 TO STA. 1051+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	19
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

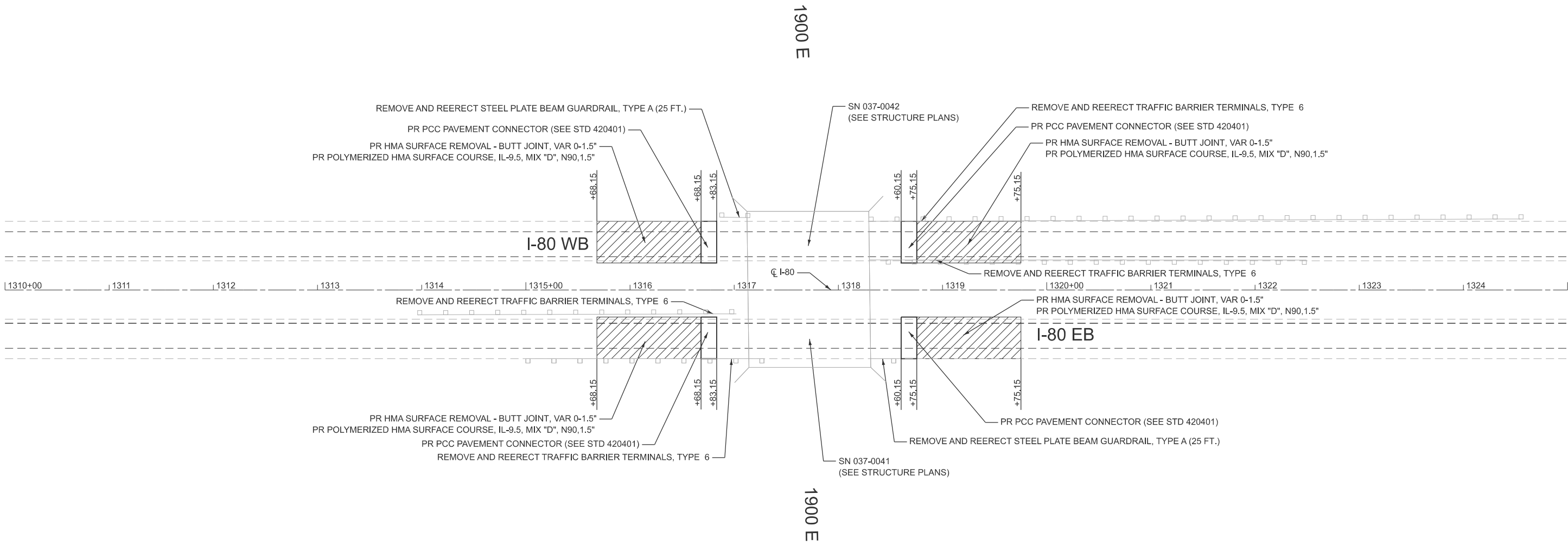
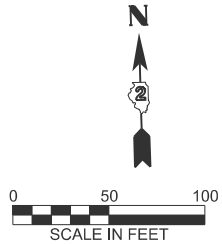




I-80 EB

ROADWAY IMPROVEMENT PLAN
STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	20
		CONTRACT NO. 64T43		
ILLINOIS		FED. AID PROJECT		



MODEL: Plan 3 [Sheet]
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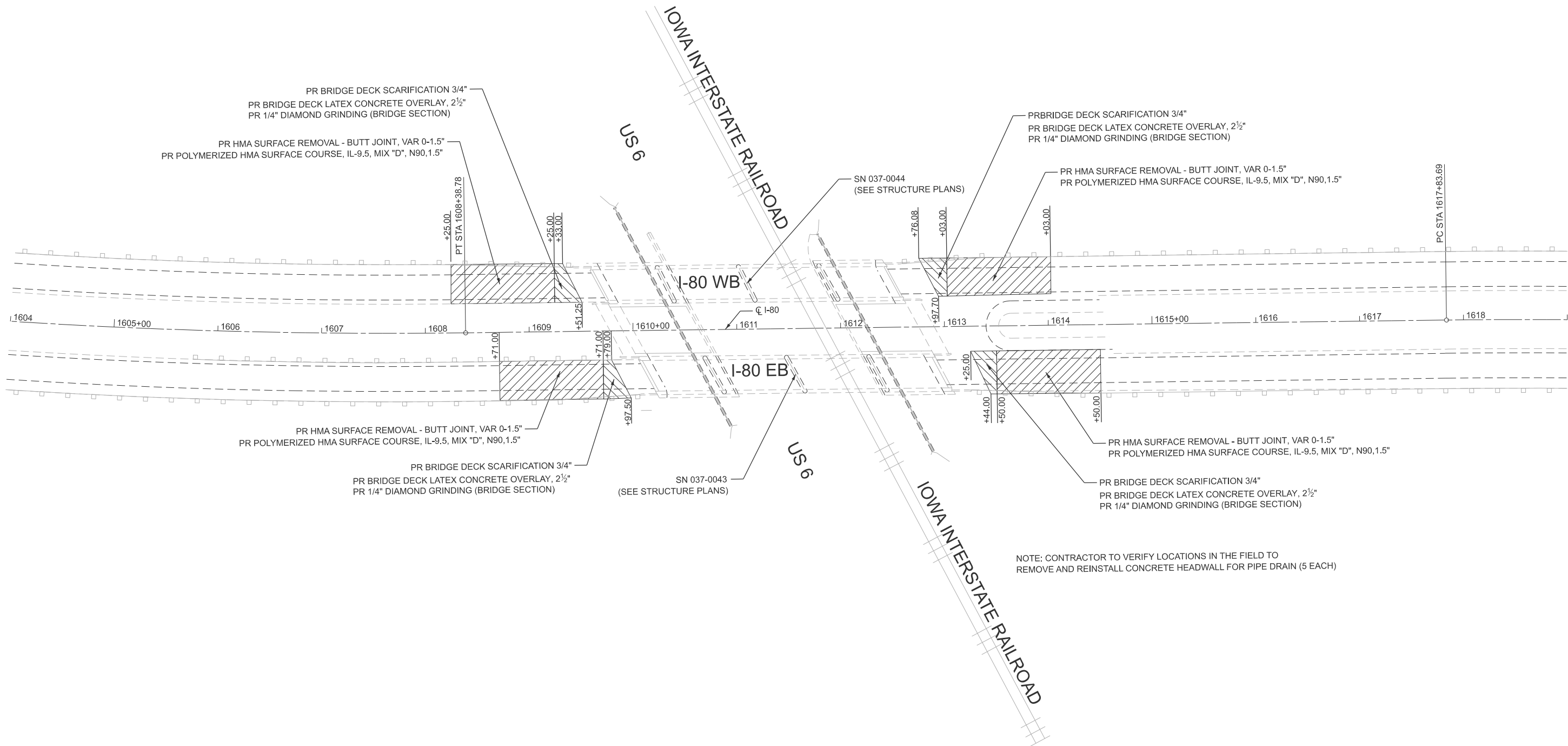
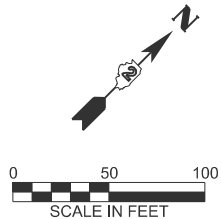
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PLOT DATE = 5/1/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY IMPROVEMENT PLAN
STRUCTURE NO. 037-0041 (E.B.) & 037-0042 (W.B.)

SCALE: 1"=50' SHEET 3 OF 5 SHEETS STA. 1310+00.00 TO STA. 1325+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	21
CONTRACT NO. 64T43				
		ILLINOIS	FED. AID PROJECT	



NOTE: CONTRACTOR TO VERIFY LOCATIONS IN THE FIELD TO REMOVE AND REINSTALL CONCRETE HEADWALL FOR PIPE DRAIN (5 EACH)

MODEL: Plan 4 [Sheet]
FILE NAME: c:\p\working\am-pw-01\mst17209\264143-sh-plan.dgn



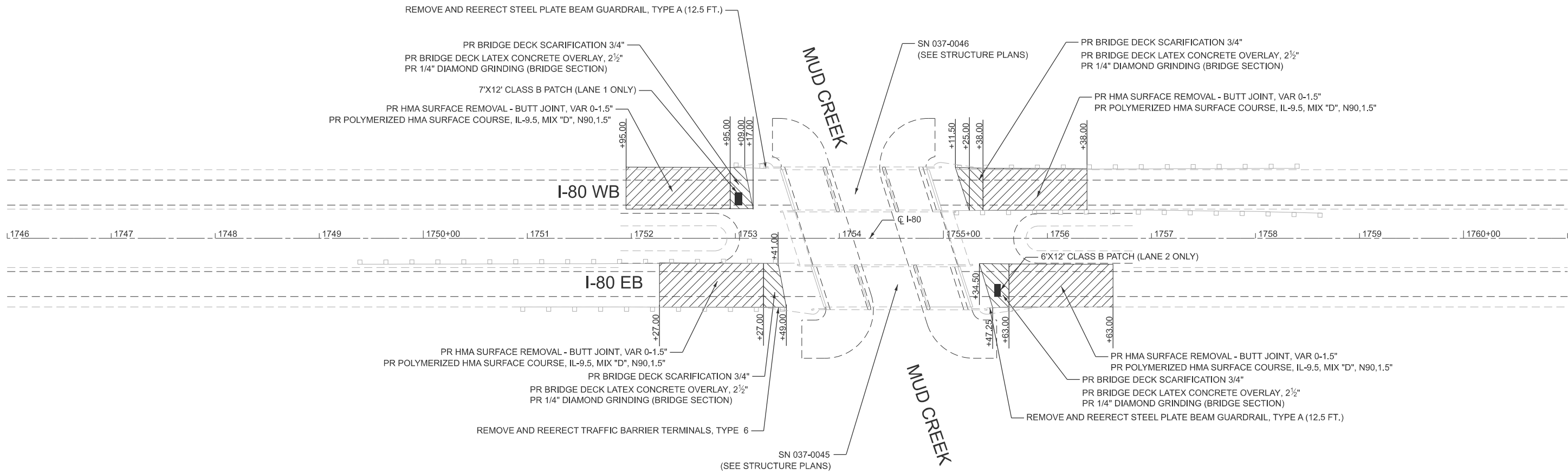
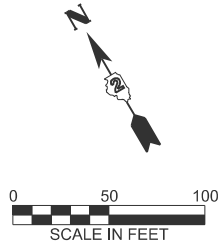
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PLOT DATE = 5/1/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY IMPROVEMENT PLAN
STRUCTURE NO. 037-0043 (E.B.) & 037-0044 (W.B.)

SCALE: 1"=50' SHEET 4 OF 5 SHEETS STA. 1604+00.00 TO STA. 1619+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	22
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



MODEL: Plan 5 [Sheet]
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USER NAME	= cmercado	DESIGNED	-	REVISED	-
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PLOT DATE	= 5/1/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

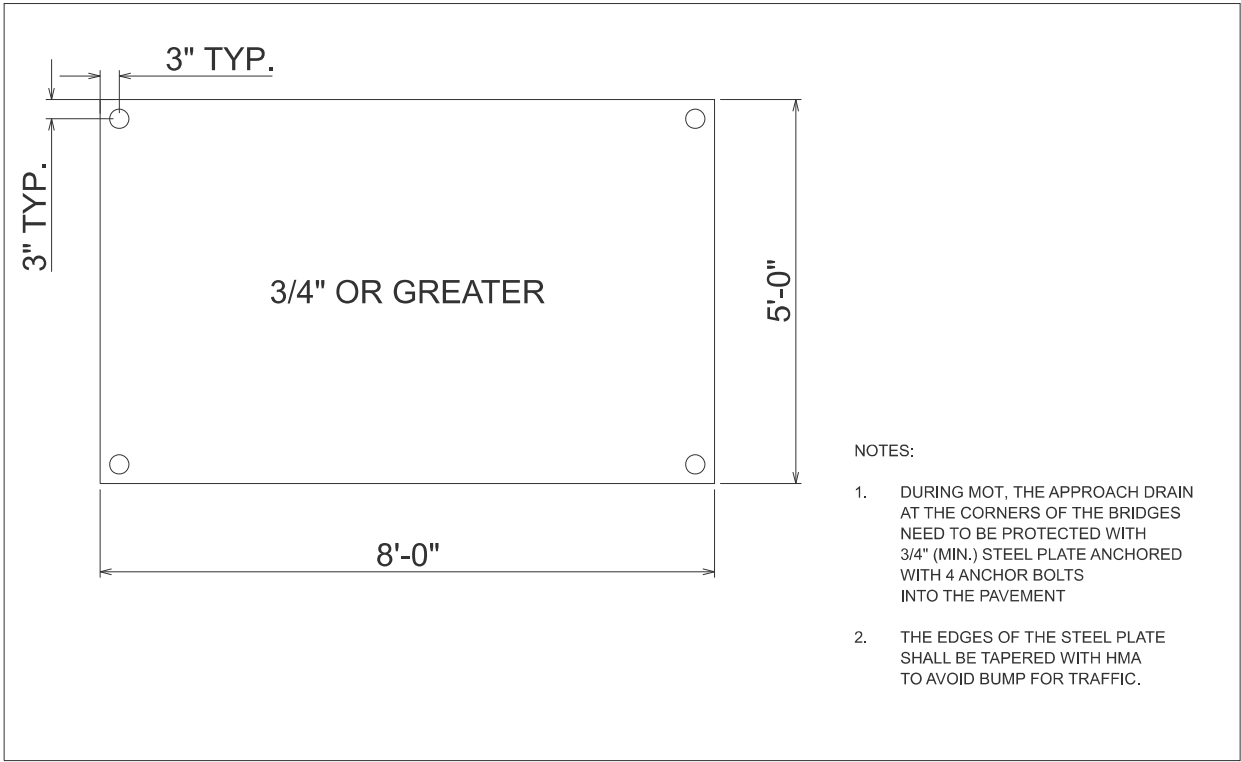
ROADWAY IMPROVEMENT PLAN
STRUCTURE NO. 037-0045 (E.B.) & 037-0046 (W.B.)

SCALE: 1"=50' SHEET 5 OF 5 SHEETS STA. 1746+00.00 TO STA. 1761+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	23
CONTRACT NO. 64T43				
		ILLINOIS	FED. AID PROJECT	

CONSTRUCTION STAGING GENERAL NOTES

1. ALL SIGNING MUST BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022. THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE IDOT BUREAU OF DESIGN AND ENVIRONMENT HIGHWAY STANDARDS AND THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
2. NO TOPOGRAPHICAL SURVEY WAS COMPLETED AS PART OF THE ATTACHED PLANS. STATION OFFSETS AND DIMENSIONS OF TRAFFIC CONTROL MEASURES SHOWN ON THESE PLANS WILL NEED TO BE VERIFIED BY THE CONTRACTOR AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR MUST BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS AND OTHER DEVICES INSTALLED ARE IN PLACE AND OPERATING EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THIS CONSTRUCTION IS IN EFFECT.
4. THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS MUST BE AS REQUIRED BY THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
5. TWO CHANGEABLE MESSAGE SIGNS SHALL BE PROVIDED AS DIRECTED BY THE ENGINEER TWO WEEKS PRIOR TO THE START OF CONSTRUCTION.
6. EMERGENCY VEHICLES MUST HAVE ACCESS TO THE AREA AT ALL TIMES.
7. THE CONTRACTOR MUST NOTIFY THE IDOT BUREAU OF TRAFFIC AS REQUIRED 72 HOURS IN ADVANCE OF BEGINNING WORK AT (815) 284-5474.
8. THE CONTRACTOR SHALL COORDINATE ALL WORK WITHIN OR ADJACENT TO THE IOWA INTERSTATE RAILROAD (IAIS) RIGHT-OF-WAY WITH THE RAILROAD. ALL COMMUNICATIONS SHALL REFERENCE PROJECT NO. 26-23-BI-148.720. NO WORK SHALL OCCUR WITHIN THE RAILROAD RIGHT-OF-WAY WITHOUT PRIOR IAIS APPROVAL.
9. CONTRACTOR SHALL MAKE EVERY EFFORT DURING CONSTRUCTION TO PROTECT BRIDGE SCUPPERS AND APPROACH DRAINS WITH STEEL PLATE OR APPROVED EQUIVALENT. SEE STEEL PLATE DETAIL BELOW. THIS WORK SHALL BE INCIDENTAL AND INCLUDED AS PART OF THE "TRAFFIC CONTROL AND PROTECTION, STANDARD 701402".
10. US 6 UNDER I-80 WILL BE CLOSED IN ACCORDANCE WITH HIGHWAY STANDARD 701201, LANE CLOSURE, 2L 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH.
11. 1900 E UNDER I-80 WILL BE CLOSED IN ACCORDANCE WITH DISTRICT 2 STANDARD 40.1, TRAFFIC CONTROL FOR ROAD CLOSURE. ROAD CLOSURE WILL BE ALLOWED FOR ONE MONTH.



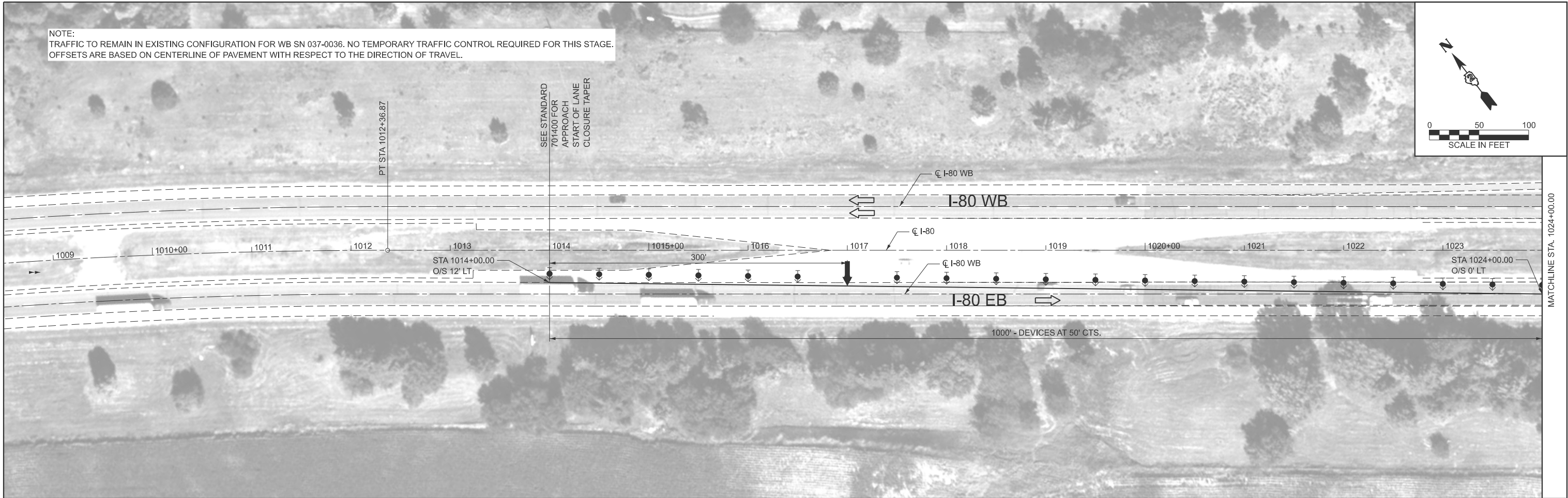
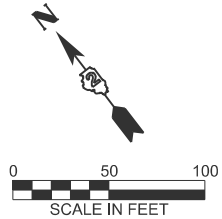
NOTES:

1. DURING MOT, THE APPROACH DRAIN AT THE CORNERS OF THE BRIDGES NEED TO BE PROTECTED WITH 3/4" (MIN.) STEEL PLATE ANCHORED WITH 4 ANCHOR BOLTS INTO THE PAVEMENT
2. THE EDGES OF THE STEEL PLATE SHALL BE TAPERED WITH HMA TO AVOID BUMP FOR TRAFFIC.

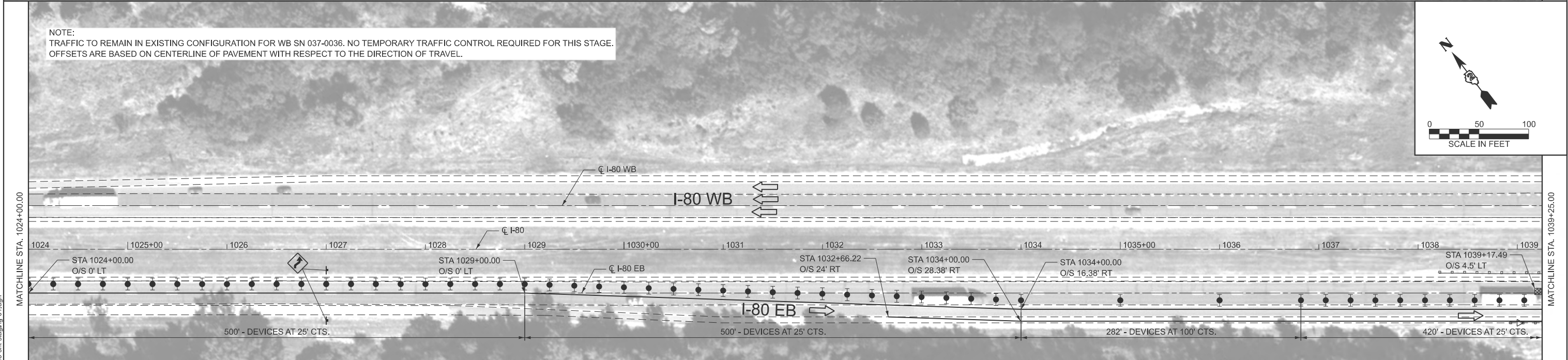
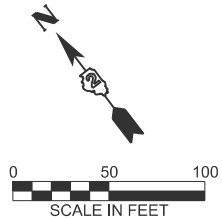
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BLOOM COMPANIES, LLC Infrastructure Division and Specialty 100 N. Western Drive, Suite 1200 • Chicago, IL 60608 Phone: (312) 870-8800 Fax: (312) 870-8800	USER NAME = cmercado	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC GENERAL NOTES		F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				80	(37-(3-1,4,5,6)) BRR	HENRY	169	24
	PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -		CONTRACT NO. 64T43						
	PLOT DATE = 5/1/2026	DATE -	REVISED -		SCALE:	SHEET 1 OF 26 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

NOTE:
TRAFFIC TO REMAIN IN EXISTING CONFIGURATION FOR WB SN 037-0036. NO TEMPORARY TRAFFIC CONTROL REQUIRED FOR THIS STAGE.
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO THE DIRECTION OF TRAVEL.



NOTE:
TRAFFIC TO REMAIN IN EXISTING CONFIGURATION FOR WB SN 037-0036. NO TEMPORARY TRAFFIC CONTROL REQUIRED FOR THIS STAGE.
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO THE DIRECTION OF TRAVEL.



MOT LEGEND:

- | | | | |
|--|--|--|--|
| | FLOW OF TRAFFIC | | VERTICAL PANEL |
| | WORK ZONE | | TEMPORARY CONCRETE BARRIER |
| | ARROW BOARD | | TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | SIGN | | DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | | MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR |



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = 0.16666633" / in.
CHECKED -
PLOT DATE = 5/1/2026
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

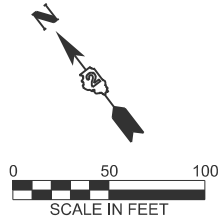
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

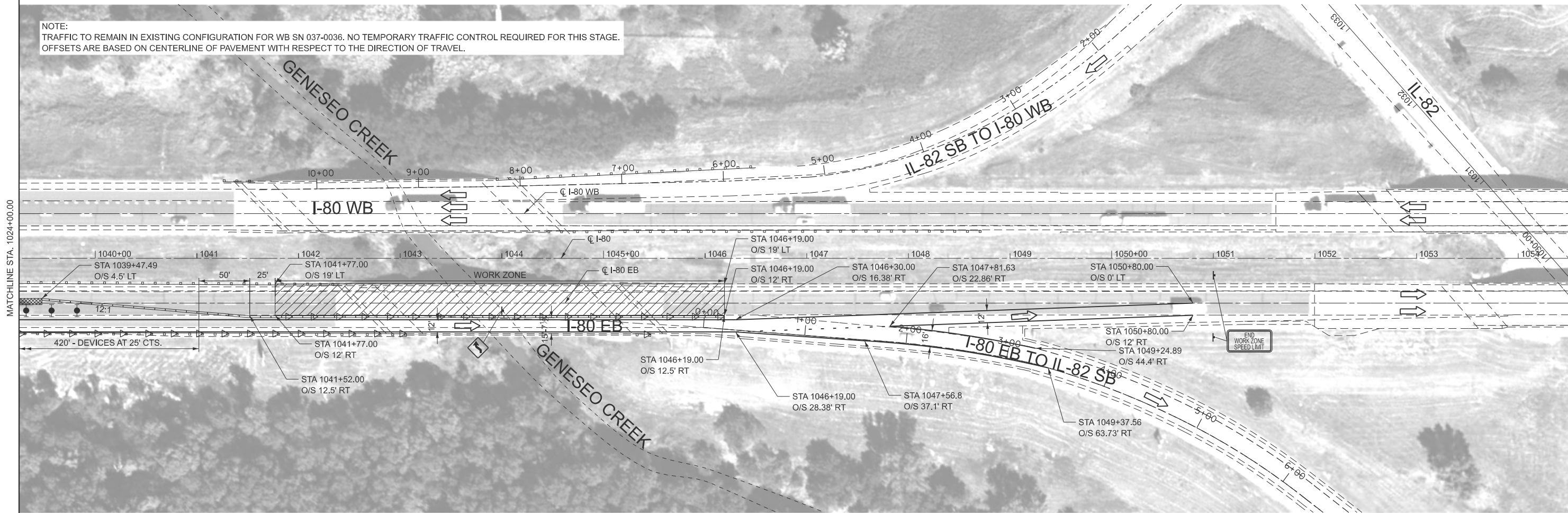
MAINTENANCE OF TRAFFIC
STAGE 1 STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SCALE: 1"=50' SHEET 2 OF 26 SHEETS STA. 1008+49.70 TO STA. 1039+25.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	25
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



NOTE:
TRAFFIC TO REMAIN IN EXISTING CONFIGURATION FOR WB SN 037-0036. NO TEMPORARY TRAFFIC CONTROL REQUIRED FOR THIS STAGE.
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO THE DIRECTION OF TRAVEL.



MOT LEGEND:

- FLOW OF TRAFFIC
- WORK ZONE
- ARROW BOARD
- SIGN
- IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3
- VERTICAL PANEL
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR



USER NAME	= cmernado	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
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PLOT DATE	= 5/1/2026	DATE	-	REVISED	-

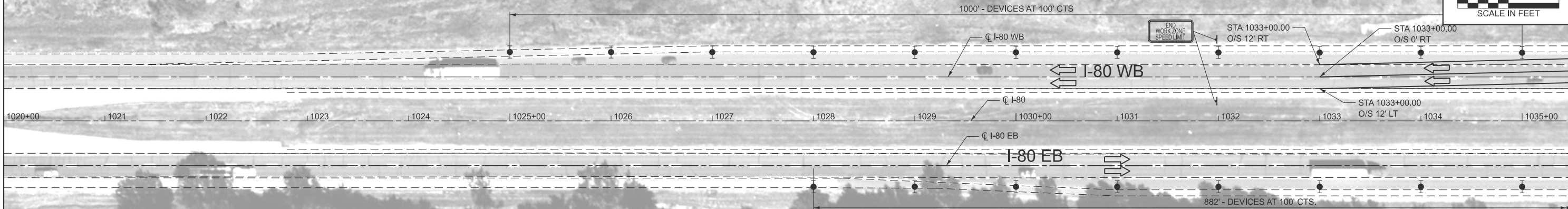
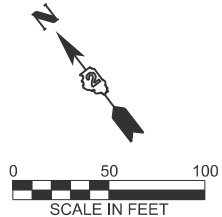
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1 STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SCALE: 1"=50' SHEET 3 OF 26 STA. 1024+00.00 TO STA. 1054+50.00

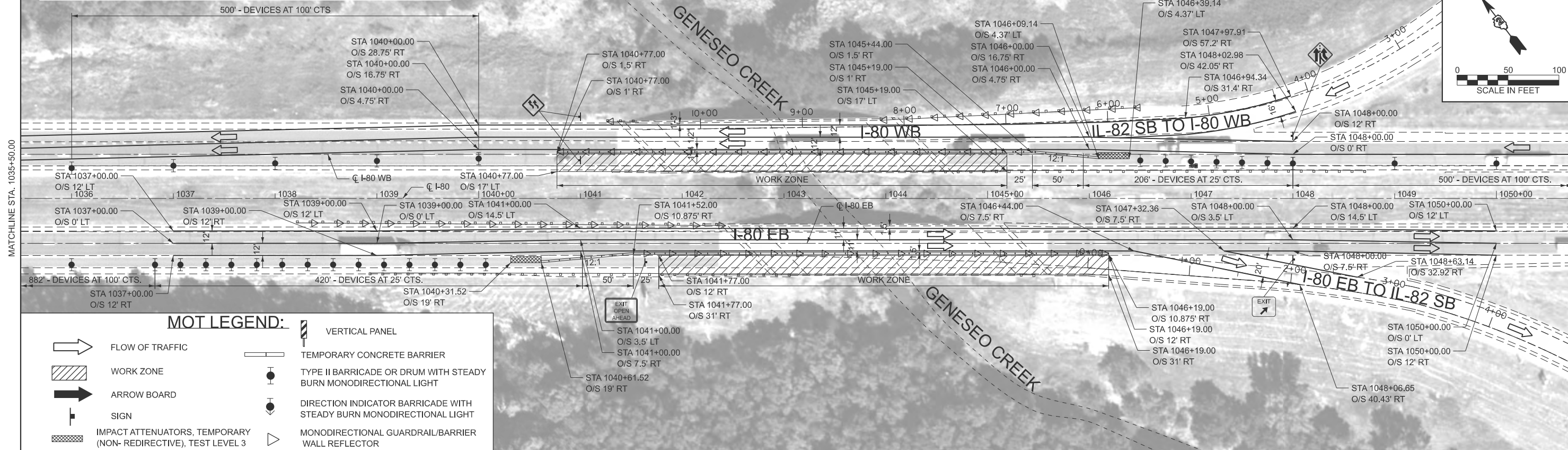
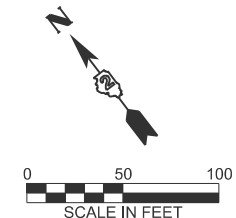
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	26
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



MATCHLINE STA. 1035+50.00

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



MATCHLINE STA. 1050+75.00

MOT LEGEND:

- | | | | |
|--|--|--|--|
| | FLOW OF TRAFFIC | | VERTICAL PANEL |
| | WORK ZONE | | TEMPORARY CONCRETE BARRIER |
| | ARROW BOARD | | TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | SIGN | | DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | | MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR |



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = 0.16666633" / in.
CHECKED -
PLOT DATE = 5/1/2026
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2 STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SCALE: 1"=50'

SHEET 4

OF

26

SHEETS

STA. 1020+00.00

TO STA. 1050+75.00

F.A.I.
RTE.
80

SECTION
(37-(3-1,4,5,6)) BRR

COUNTY
HENRY

TOTAL
SHEETS
169

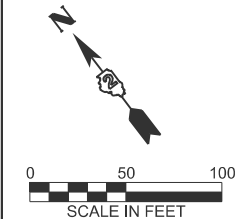
SHEET
NO.
27

CONTRACT NO. 64T43

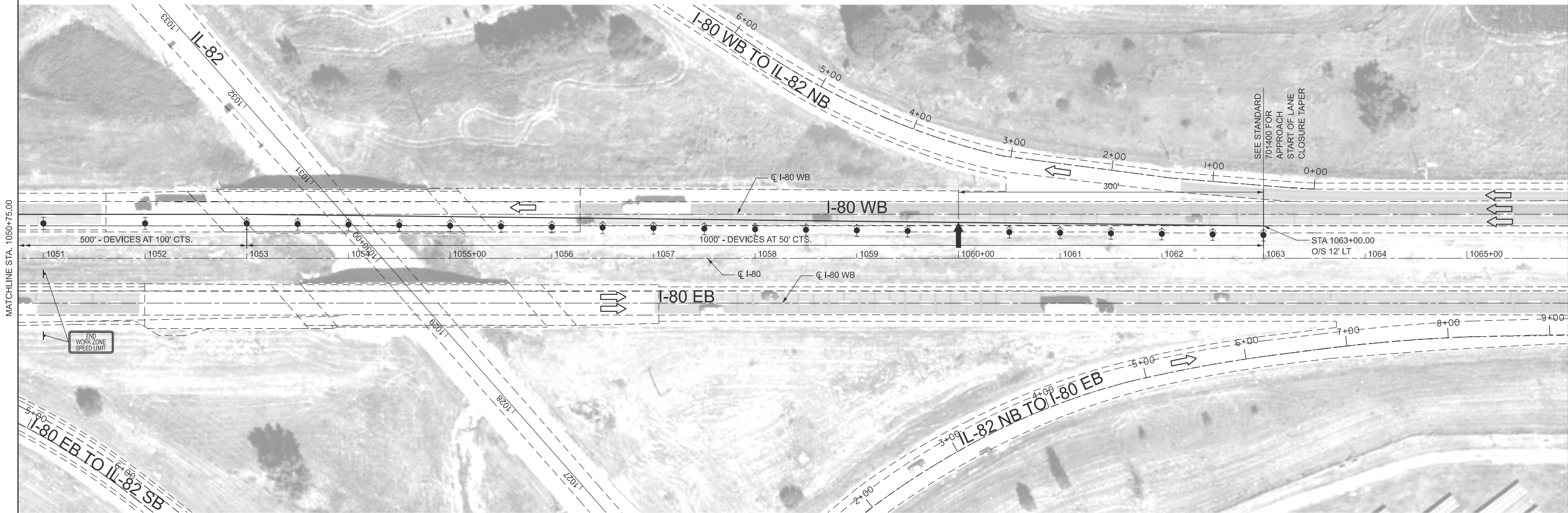
ILLINOIS

FED. AID PROJECT

MODEL: D264T43-sh-stage02-01-02 (Sheet)
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NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



MOT LEGEND:

FLOW OF TRAFFIC

WORK ZONE

ARROW BOARD

SIGN

IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3

VERTICAL PANEL

TEMPORARY CONCRETE BARRIER

TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT

DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR

BLOOM COMPANIES, LLC
Infrastructure Innovation and Integrity
110 N. Western Drive, Suite 1205 • Chicago, IL 60608
Phone: (312) 876-9900 Fax: (312) 876-9902

USER NAME	= cmcercado	DESIGNED	-
		DRAWN	-
PLOT SCALE	= 0.16666633" / in.	CHECKED	-
PLOT DATE	= 5/1/2026	DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

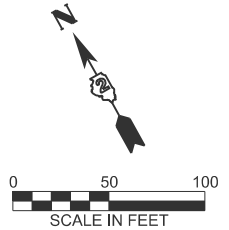
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2 STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SCALE: 1"=50' SHEET 5 OF 26 SHEETS STA. 1050+75.00 TO STA. 1066+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	28
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

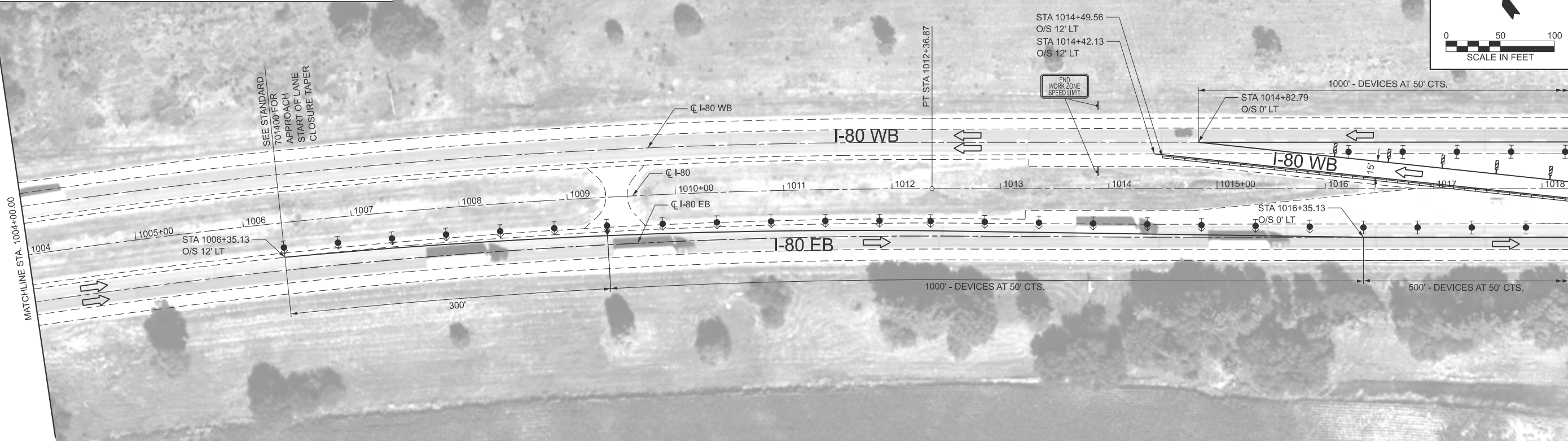
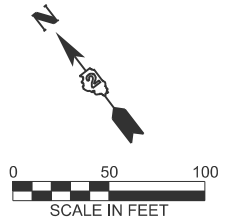
NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



MOT LEGEND:

- | | | | |
|--|--|--|--|
| | FLOW OF TRAFFIC | | VERTICAL PANEL |
| | WORK ZONE | | TEMPORARY CONCRETE BARRIER |
| | ARROW BOARD | | TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | SIGN | | DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | | MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR |

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 3 STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SCALE: 1"=50' SHEET 6 OF 26 SHEETS STA. 990+00.00 TO STA. 1018+25.00

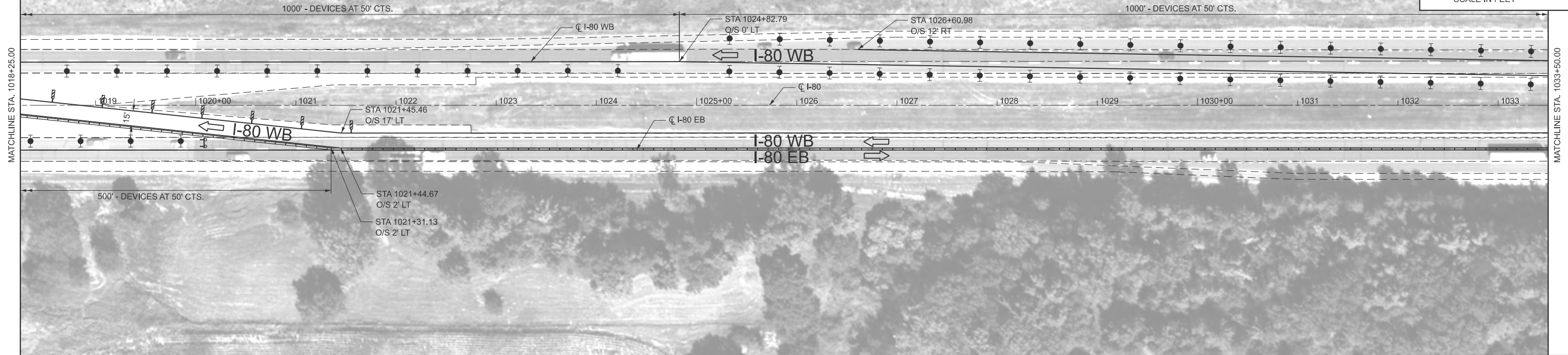
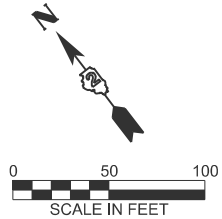
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	29
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



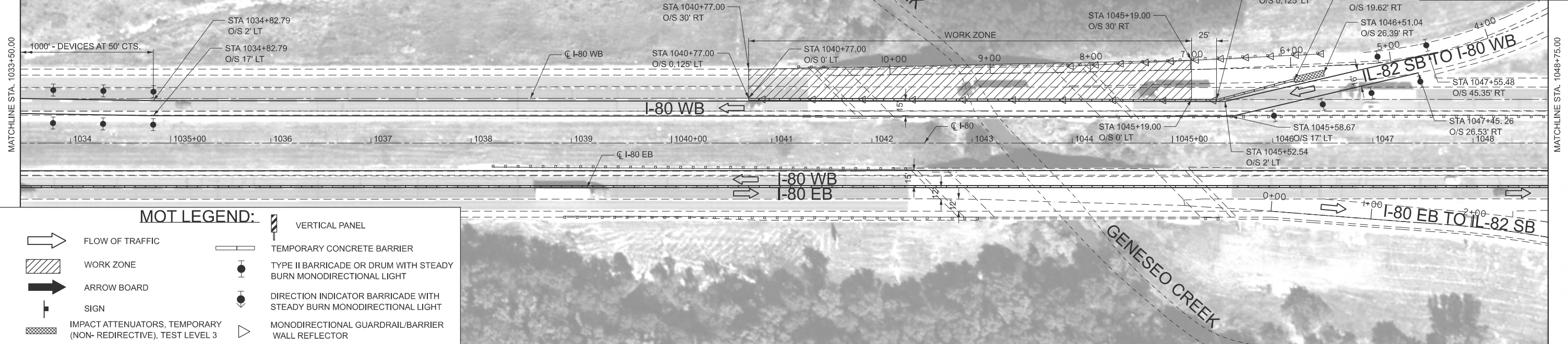
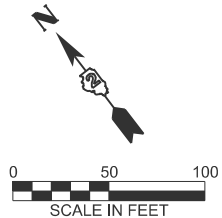
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PLOT DATE	= 5/1/2026	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

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FILE NAME: c:\pw_working\lan-pw-c1\lms17210\264T43-sh-stage03-01.dgn

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



MOT LEGEND:

- | | | | |
|--|--|--|--|
| | FLOW OF TRAFFIC | | VERTICAL PANEL |
| | WORK ZONE | | TEMPORARY CONCRETE BARRIER |
| | ARROW BOARD | | TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | SIGN | | DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | | MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR |



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = 0.16666633" / in.
CHECKED -
PLOT DATE = 5/1/2026
DATE -

REVISD -
REVISD -
REVISD -
REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

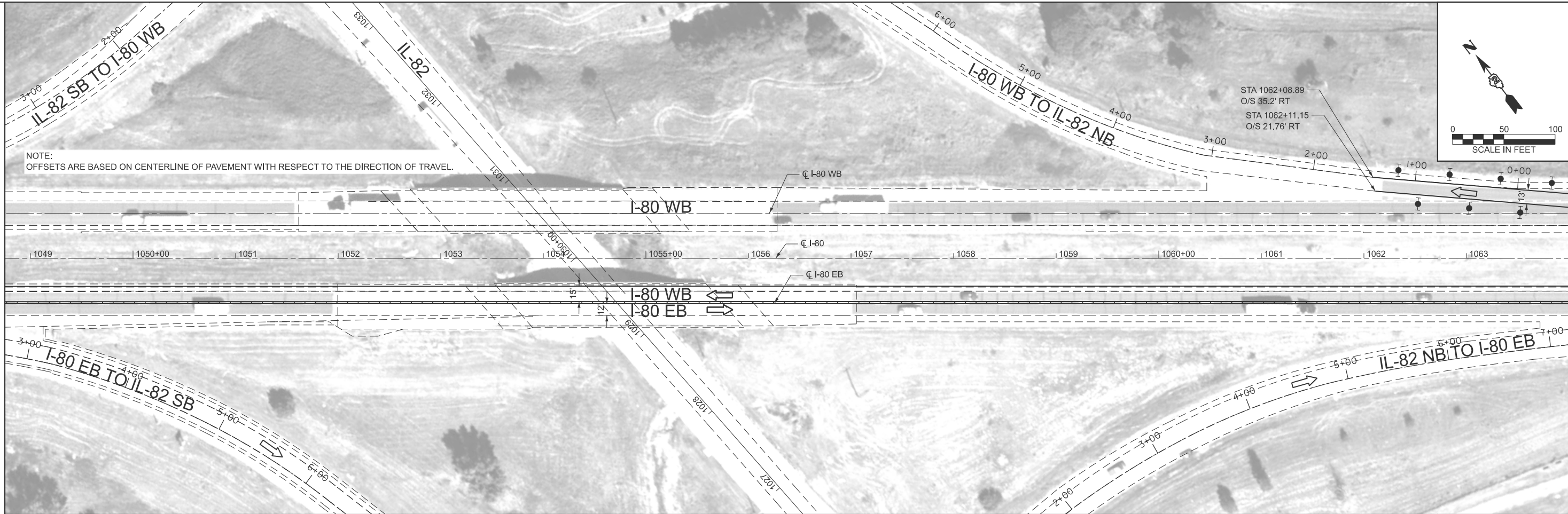
MAINTENANCE OF TRAFFIC
STAGE 3 STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SCALE: 1"=50' SHEET 7 OF 26 SHEETS STA. 1018+25.00 TO STA. 1048+75.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	30
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

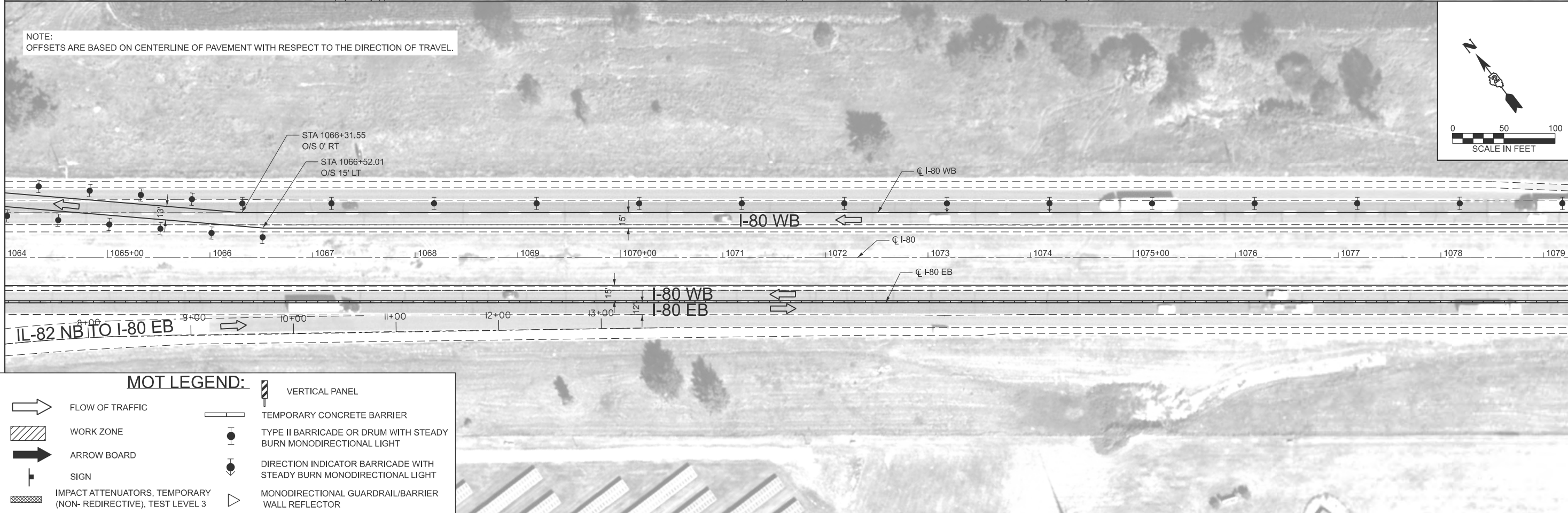
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FILE NAME: c:\pwworking\lanc-pw\41\lms17210\264T43-sh-stage01.dgn

MATCHLINE STA. 1048+75.00



MATCHLINE STA. 1064+00.00

MATCHLINE STA. 1064+00.00



MATCHLINE STA. 1079+25.00

MOT LEGEND:

	FLOW OF TRAFFIC		VERTICAL PANEL
	WORK ZONE		TEMPORARY CONCRETE BARRIER
	ARROW BOARD		TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
	SIGN		DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3		MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = 0.16666633" / in.
CHECKED -
PLOT DATE = 5/1/2026
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

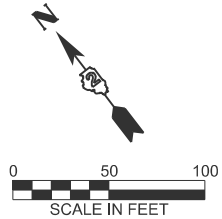
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 3 STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

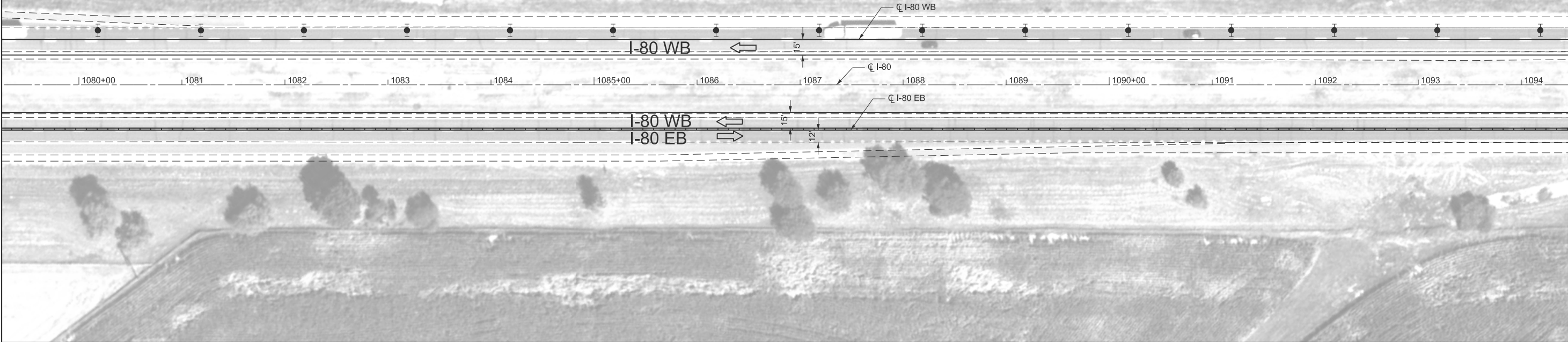
SCALE: 1"=50' SHEET 8 OF 26 SHEETS STA. 1048+75.00 TO STA. 1079+25.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	31
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO THE DIRECTION OF TRAVEL.

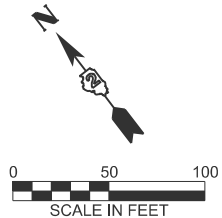


MATCHLINE STA. 1079+25.00

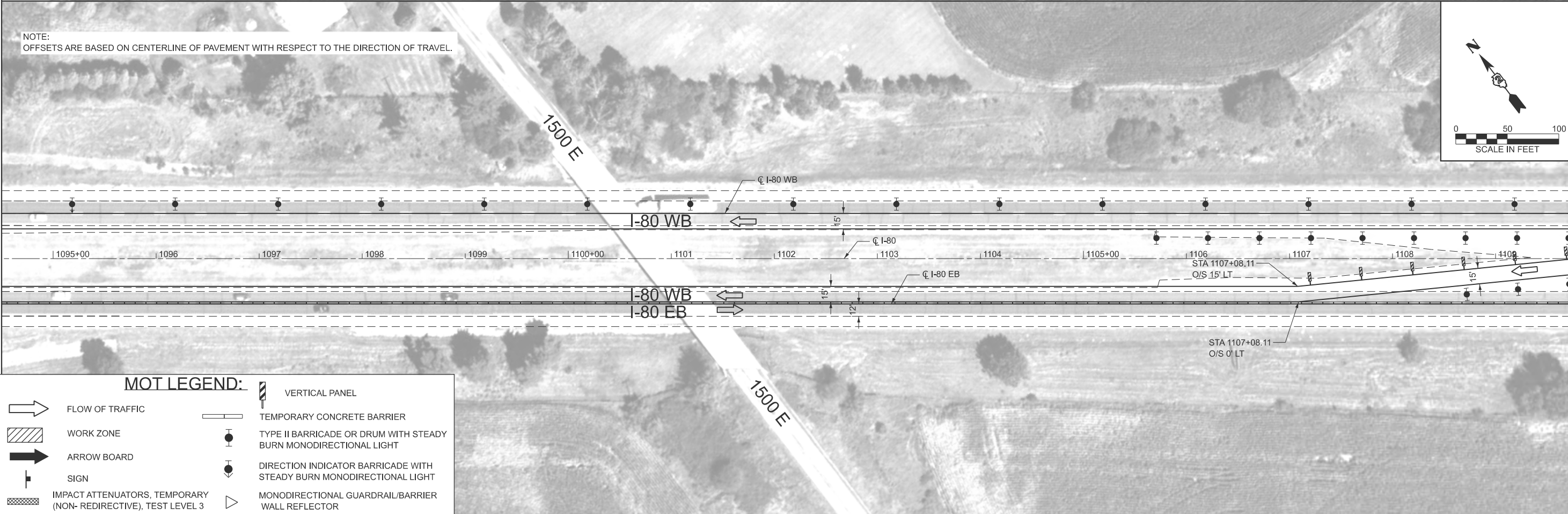


MATCHLINE STA. 1094+50.00

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO THE DIRECTION OF TRAVEL.



MATCHLINE STA. 1094+50.00



MATCHLINE STA. 1110+00.00

MOT LEGEND:

- | | | | |
|--|--|--|--|
| | FLOW OF TRAFFIC | | VERTICAL PANEL |
| | WORK ZONE | | TEMPORARY CONCRETE BARRIER |
| | ARROW BOARD | | TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | SIGN | | DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | | MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR |



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = 0.16666633" / in.
CHECKED -
PLOT DATE = 5/1/2026
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

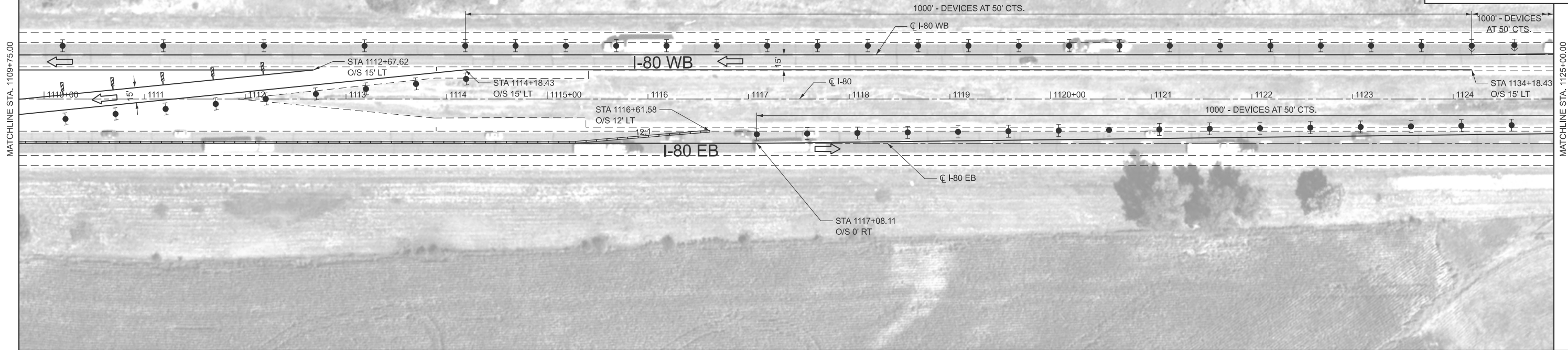
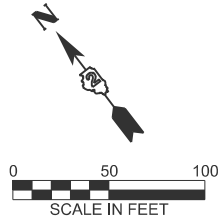
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 3 STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

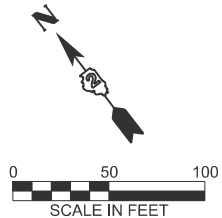
SCALE: 1"=50' SHEET 9 OF 26 SHEETS STA. 1079+25.00 TO STA. 1109+75.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	32
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO THE DIRECTION OF TRAVEL.



NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO THE DIRECTION OF TRAVEL.



MOT LEGEND:

- | | | | |
|--|--|--|--|
| | FLOW OF TRAFFIC | | VERTICAL PANEL |
| | WORK ZONE | | TEMPORARY CONCRETE BARRIER |
| | ARROW BOARD | | TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | SIGN | | DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | | MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR |



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = 0.16666633" / in.
CHECKED -
PLOT DATE = 5/1/2026
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

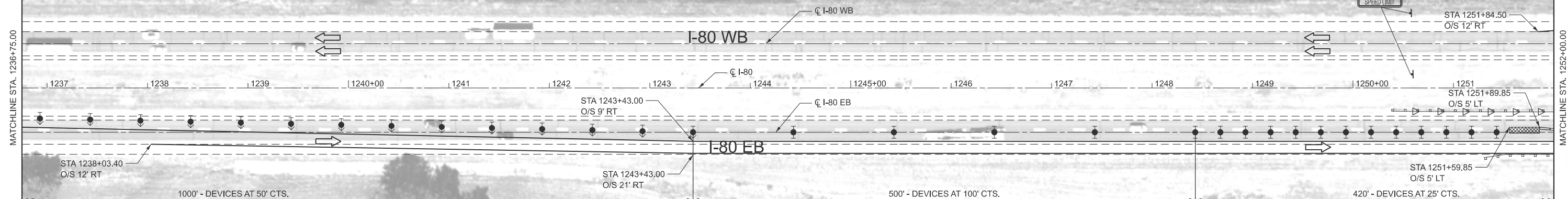
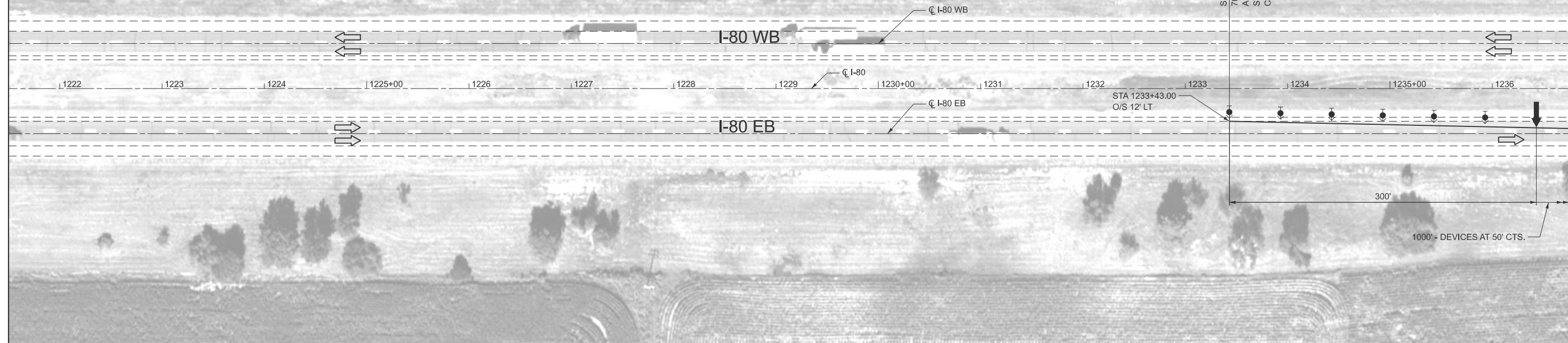
MAINTENANCE OF TRAFFIC
STAGE 3 STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SCALE: 1"=50' SHEET 10 OF 26 SHEETS STA. 1109+75.00 TO STA. 1139+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	33
CONTRACT NO. 64T43				

ILLINOIS FED. AID PROJECT

A north arrow pointing upwards with the letter 'N' at the top. Below the arrow is a scale bar marked from 0 to 100 feet, with a midpoint at 50 feet. The scale bar is labeled 'SCALE IN FEET'.



	FLOW OF TRAFFIC		TEMPORARY CONCRETE BARRIER
	WORK ZONE		TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
	ARROW BOARD		DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	SIGN		MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR
	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3		

USER NAME = cmercado	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633"/in.	CHECKED -	REVISED -
PLOT DATE = 4/28/2026	DATE -	REVISED -

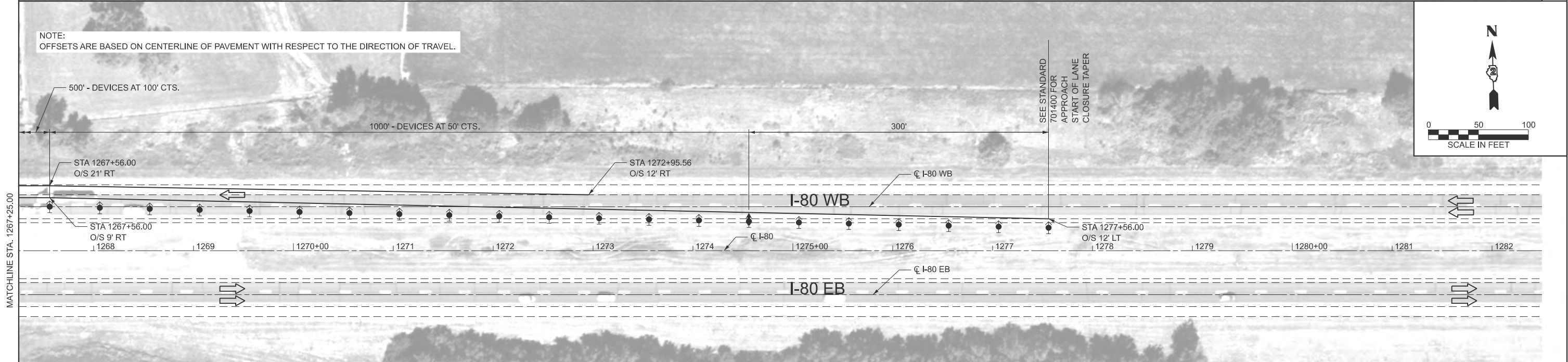
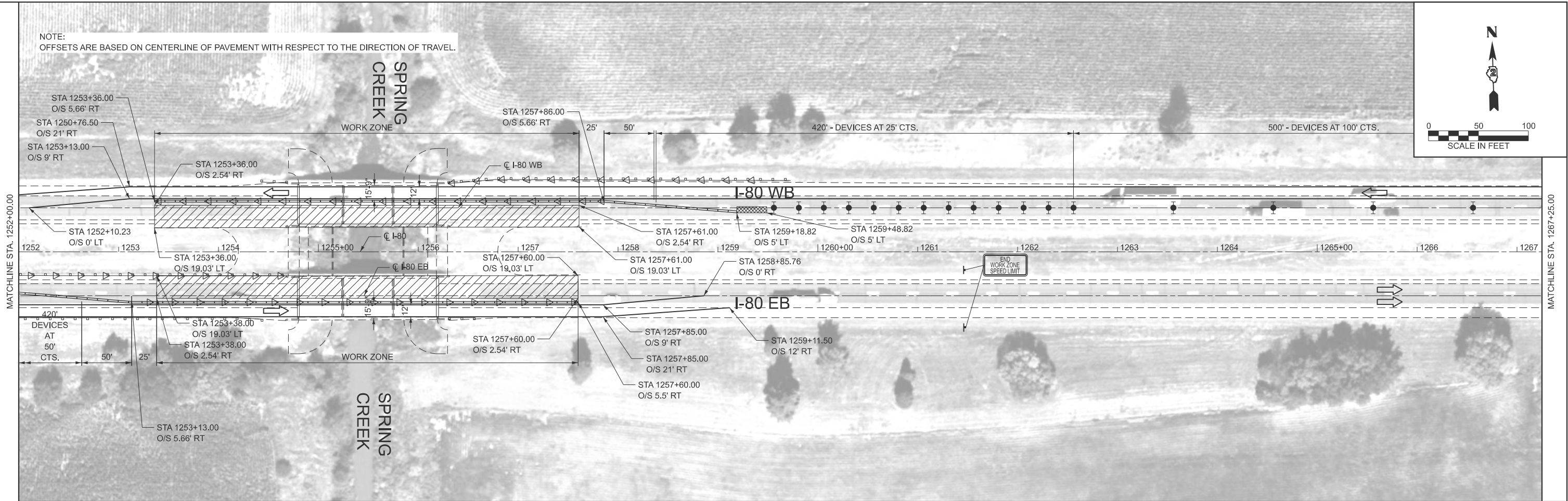
MAINTENANCE OF TRAFFIC
STAGE 1 STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

SCALE: 1"=50'	SHEET 11	OF 26	SHEETS	STA. 1221+50.00	TO STA. 1252+00.00
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	34
		CONTRACT NO. 64T43		
ILLINOIS		FED. AID PROJECT		

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MODEL: D264T43-sh-stage02-02.dgn
FILE NAME: c:\pwworking\lanc-pw\41\lms17210\264T43-sh-stage02.dgn



MOT LEGEND:

	FLOW OF TRAFFIC		VERTICAL PANEL
	WORK ZONE		TEMPORARY CONCRETE BARRIER
	ARROW BOARD		TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
	SIGN		DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3		MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = 0.16666633' / in.
CHECKED -
PLOT DATE = 4/28/2026
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1 STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

SCALE: 1"=50'

SHEET 12

OF 26

SHEETS

STA. 1252+00.00

TO STA. 1282+50.00

F.A.I.
RTE.
80

SECTION
(37-(3-1,4,5,6)) BRR

COUNTY
HENRY

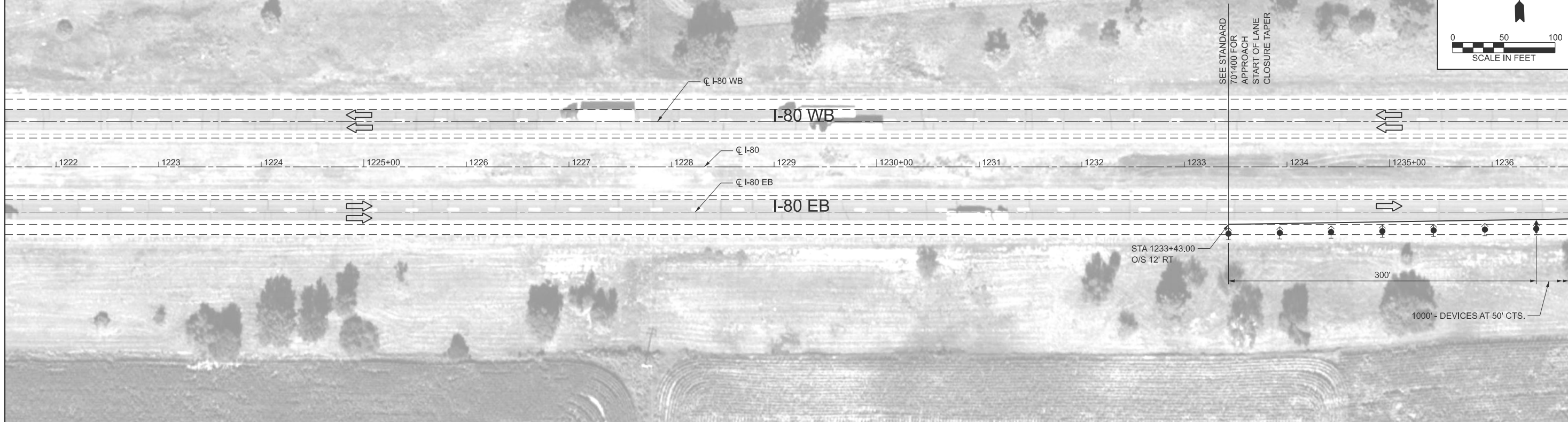
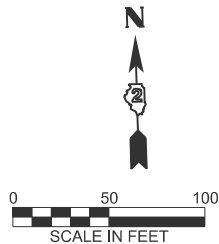
TOTAL
SHEETS
169

SHEET
NO.
35

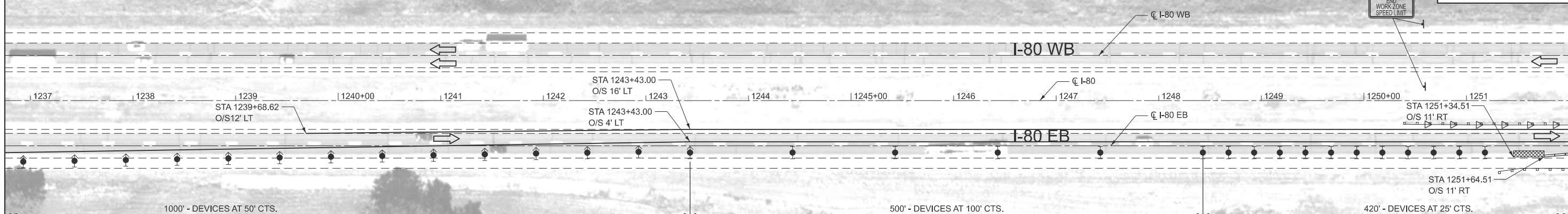
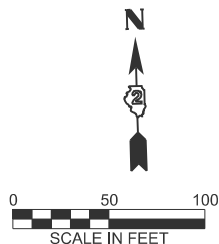
CONTRACT NO. 64T43

ILLINOIS FED. AID PROJECT

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO THE DIRECTION OF TRAVEL.



NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO THE DIRECTION OF TRAVEL.



MOT LEGEND:

- | | | | |
|--|--|--|--|
| | FLOW OF TRAFFIC | | VERTICAL PANEL |
| | WORK ZONE | | TEMPORARY CONCRETE BARRIER |
| | ARROW BOARD | | TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | SIGN | | DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | | MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR |



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = 0.16666633' / in.
CHECKED -
PLOT DATE = 4/28/2026
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

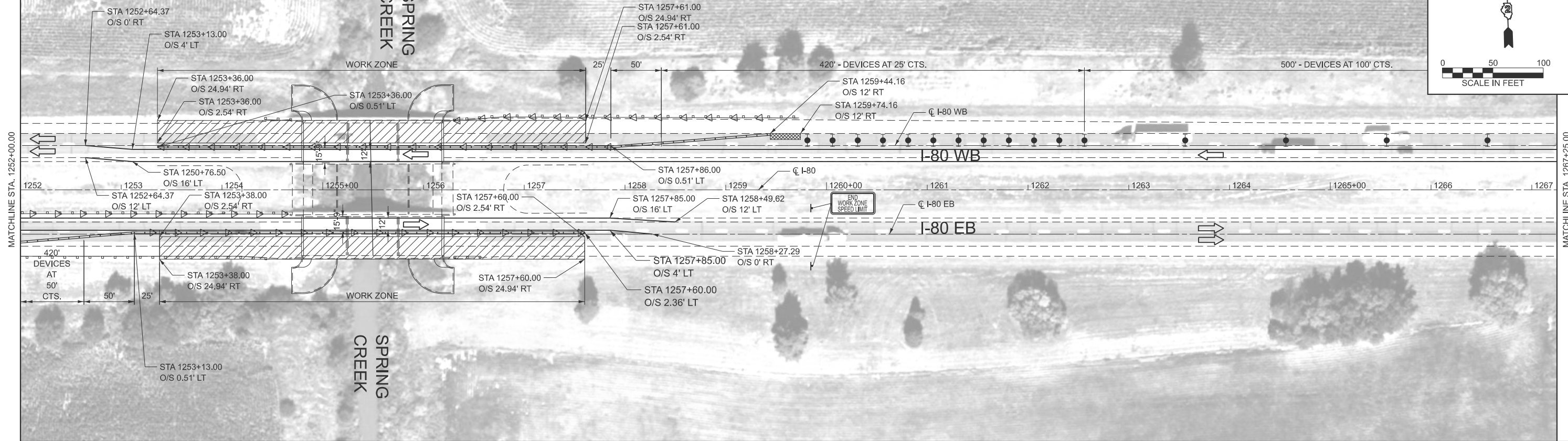
MAINTENANCE OF TRAFFIC
STAGE 2 STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

SCALE: 1"=50' SHEET 13 OF 26 SHEETS STA. 1221+50.00 STA. 1252+00.00

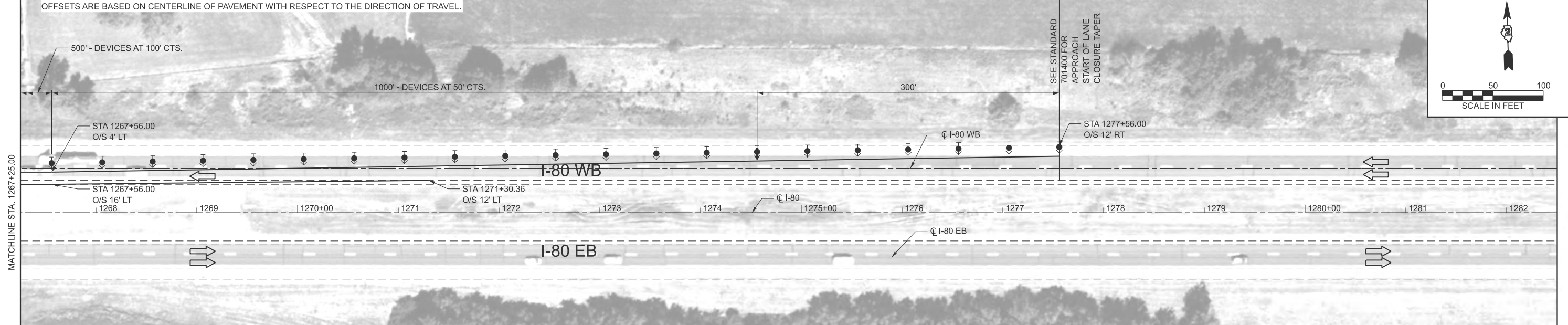
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	36
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

MODEL: D264T43-sh-stage02-02.dgn
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NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO THE DIRECTION OF TRAVEL.



NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO THE DIRECTION OF TRAVEL.



MOT LEGEND:

	FLOW OF TRAFFIC		VERTICAL PANEL
	WORK ZONE		TEMPORARY CONCRETE BARRIER
	ARROW BOARD		TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
	SIGN		DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3		MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = 0.16666633" / in.
CHECKED -
PLOT DATE = 4/28/2026
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

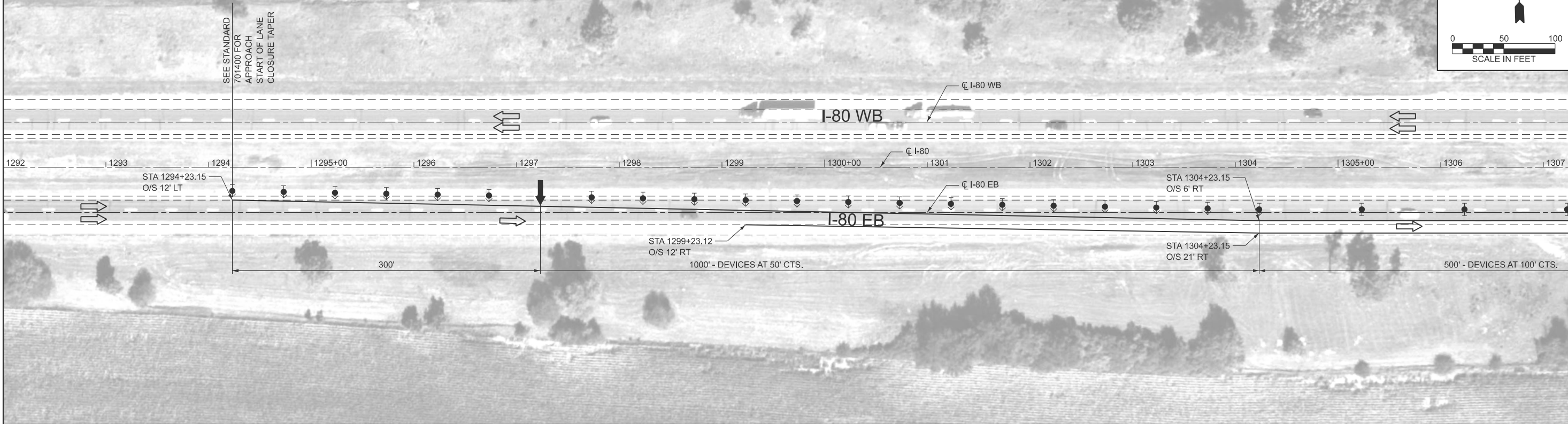
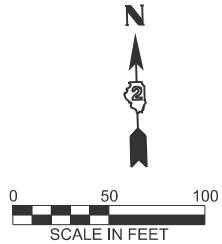
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2 STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

SCALE: 1"=50' SHEET 14 OF 26 SHEETS STA. 1252+00.00 TO STA. 1282+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	37
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

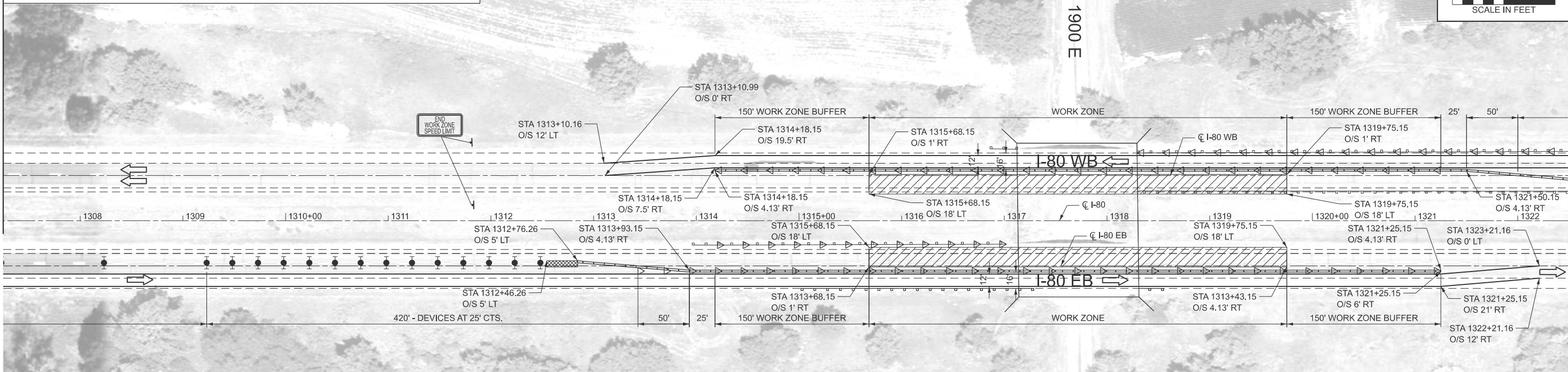
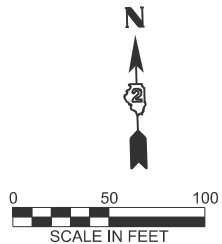
NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



MOT LEGEND:

- | | | | |
|--|--|--|--|
| | FLOW OF TRAFFIC | | VERTICAL PANEL |
| | WORK ZONE | | TEMPORARY CONCRETE BARRIER |
| | ARROW BOARD | | TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | SIGN | | DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | | MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR |

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = 0.16666633' / in.
CHECKED -
PLOT DATE = 4/28/2026
DATE -

DESIGNED -
DRAWN -
PLOT SCALE = 0.16666633' / in.
CHECKED -
PLOT DATE = 4/28/2026
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

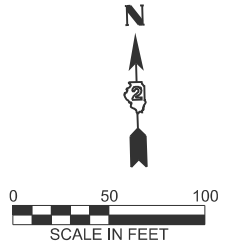
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1 STRUCTURE NO. 037-0041 (E.B.) & 037-0042 (W.B.)

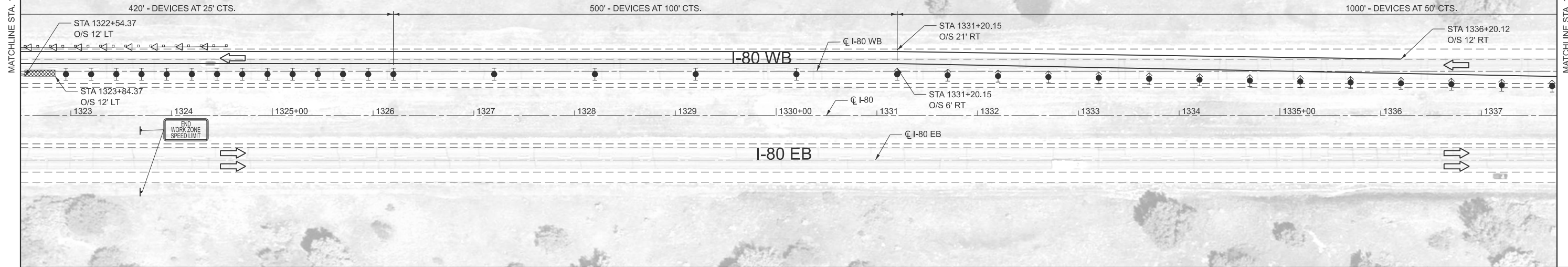
SCALE: 1"=50' SHEET 15 OF 26 SHEETS STA. 1292+00.00 TO STA. 1322+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	38
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.

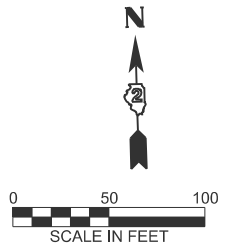


MATCHLINE STA. 1322+50.00

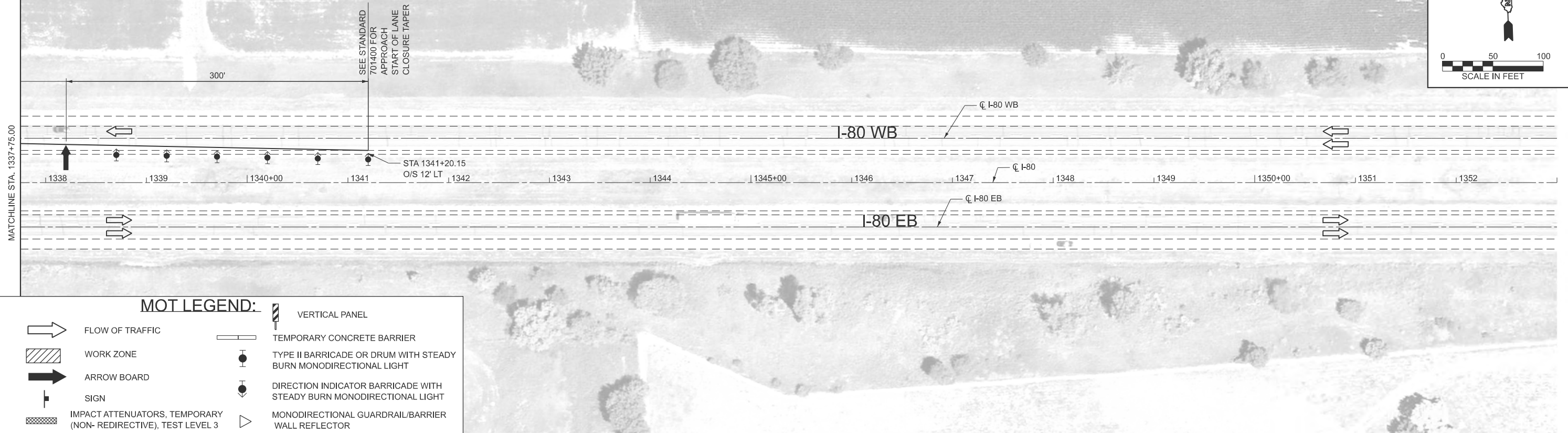


MATCHLINE STA. 1337+75.00

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



MATCHLINE STA. 1337+75.00



MOT LEGEND:

- | | | | |
|--|--|--|--|
| | FLOW OF TRAFFIC | | VERTICAL PANEL |
| | WORK ZONE | | TEMPORARY CONCRETE BARRIER |
| | ARROW BOARD | | TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | SIGN | | DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | | MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR |



USER NAME	= cmercado	DESIGNED	-
		DRAWN	-
PLOT SCALE	= 0.16666633" / in.	CHECKED	-
PLOT DATE	= 4/28/2026	DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

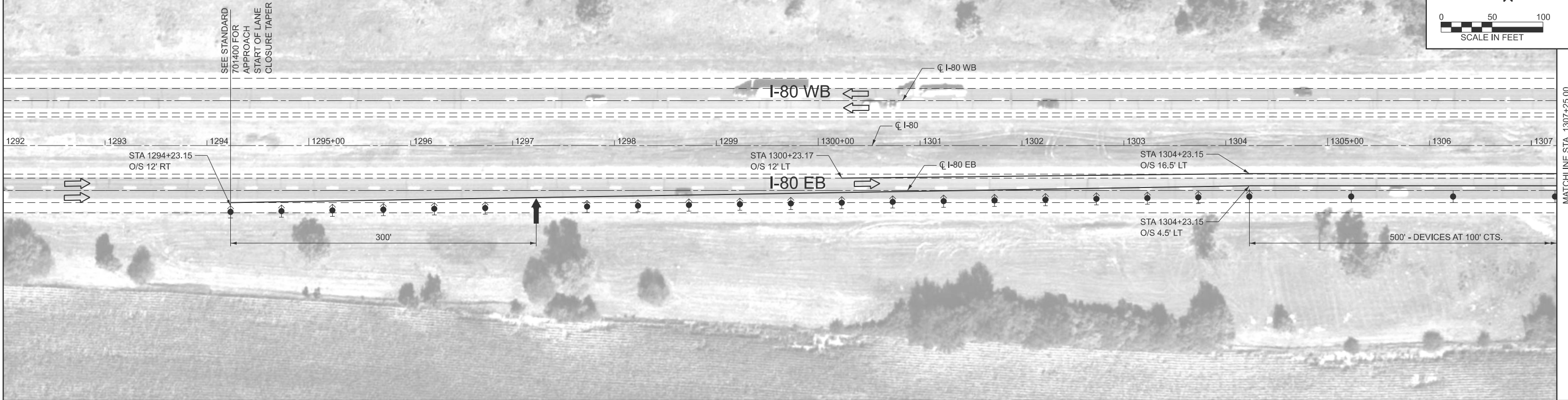
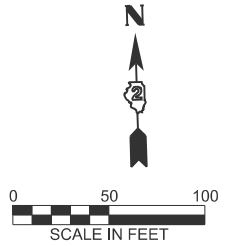
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1 STRUCTURE NO. 037-0041 (E.B.) & 037-0042 (W.B.)**

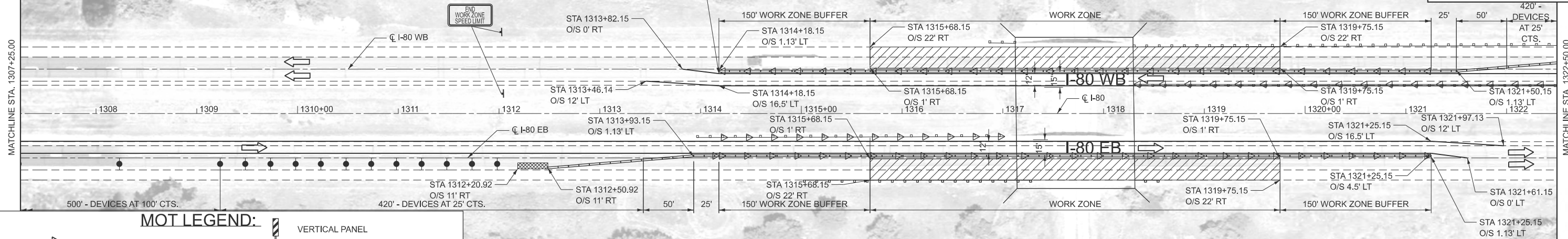
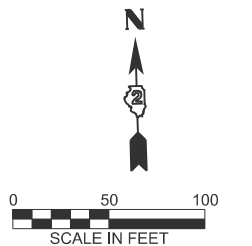
SCALE: 1"=50' SHEET 16 OF 26 SHEETS STA. 1322+50.00 TO STA. 1353+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	39
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



MOT LEGEND:

- | | | | |
|--|--|--|--|
| | FLOW OF TRAFFIC | | VERTICAL PANEL |
| | WORK ZONE | | TEMPORARY CONCRETE BARRIER |
| | ARROW BOARD | | TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | SIGN | | DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | | MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR |



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = 0.16666633" / in.
CHECKED -
PLOT DATE = 4/28/2026
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

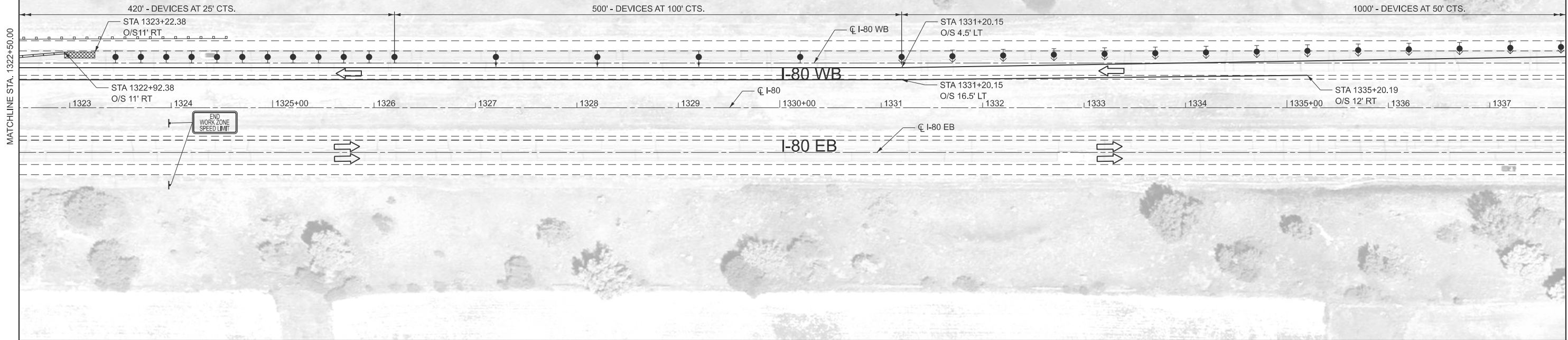
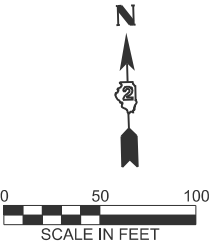
MAINTENANCE OF TRAFFIC
STAGE 2 STRUCTURE NO. 037-0041 (E.B.) & 037-0042 (W.B.)

SCALE: 1"=50' SHEET 17 OF 26 SHEETS STA. 1292+00.00 TO STA. 1322+50.00

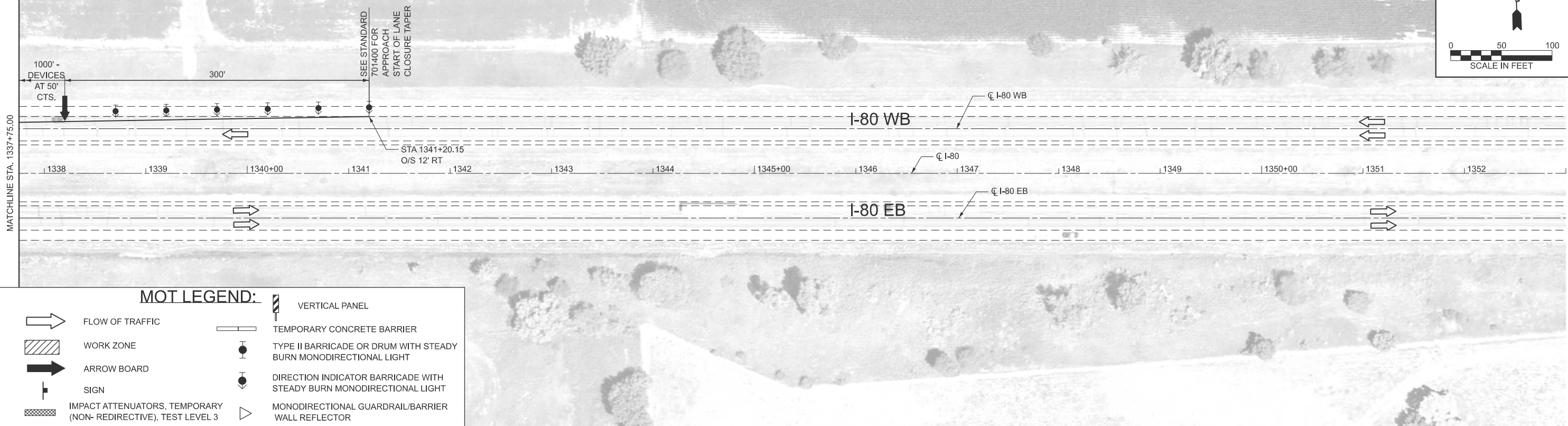
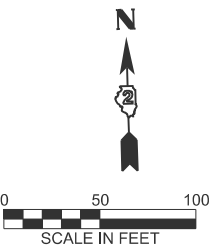
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	40
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

MODEL: D264T43-sh-stage03-03-04 (Sheet)
FILE NAME: c:\pwworking\larr-pw-c1\lms17210\D264T43-sh-stage03-03.dgn

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



MOT LEGEND:

- FLOW OF TRAFFIC
- WORK ZONE
- ARROW BOARD
- SIGN
- IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3
- VERTICAL PANEL
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR



USER NAME	= cmercado	DESIGNED	-
		DRAWN	-
PLOT SCALE	= 0.16666633" / in.	CHECKED	-
PLOT DATE	= 4/28/2026	DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

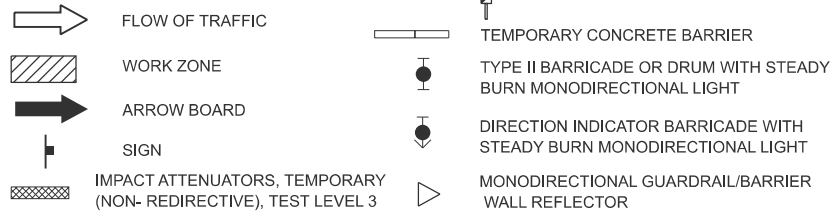
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2 STRUCTURE NO. 037-0041 (E.B.) & 037-0042 (W.B.)

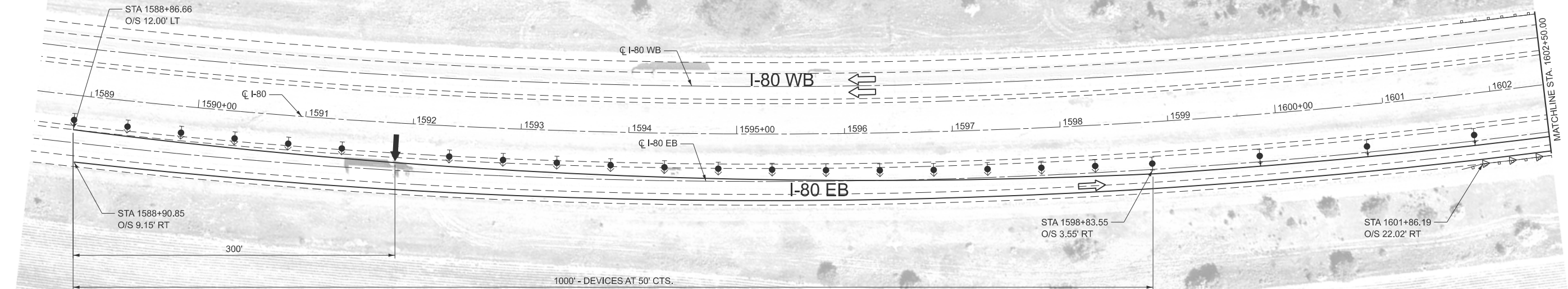
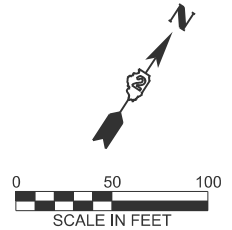
SCALE: 1"=50' SHEET 18 OF 26 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	41
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

MOT LEGEND:



NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO THE DIRECTION OF TRAVEL.

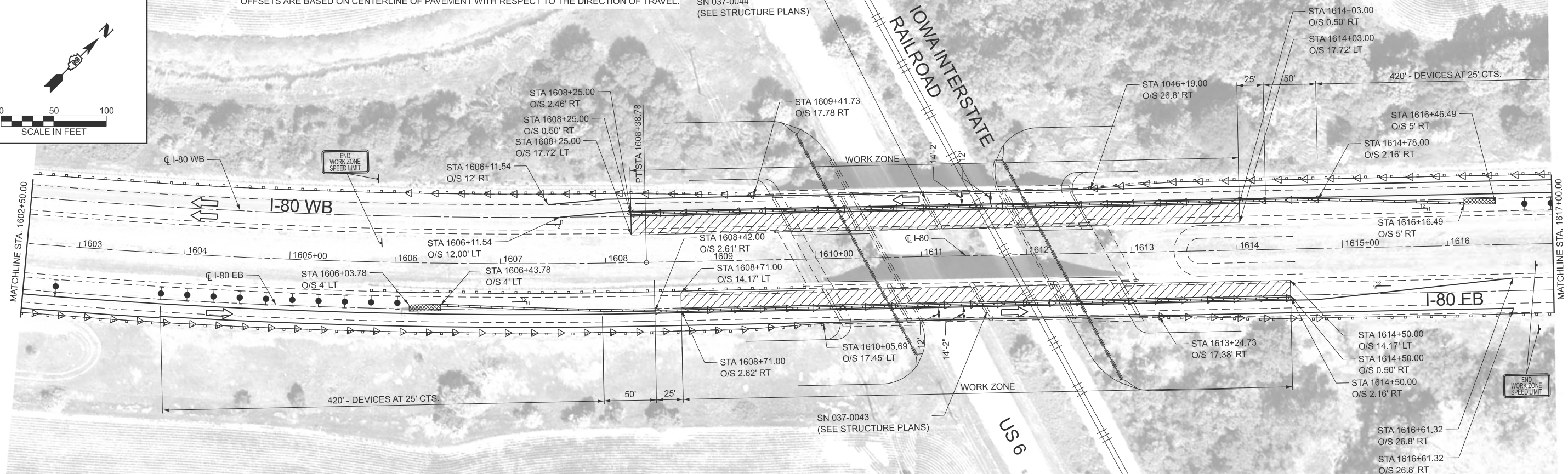


NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO THE DIRECTION OF TRAVEL.

SN 037-0044
(SEE STRUCTURE PLANS)

IOWA INTERSTATE
RAILROAD

US 6



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1 STRUCTURE NO. 037-0043 (E.B.) & 037-0044 (W.B.)

SCALE: 1"=50' SHEET 19 OF 26 SHEETS STA. 1588+50.00 TO STA. 1617+00.00

F&I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	42
CONTRACT NO. 64T43				

ILLINOIS FED. AID PROJECT

MODEL: STAGE 1-1 (Sheet)
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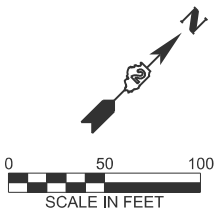
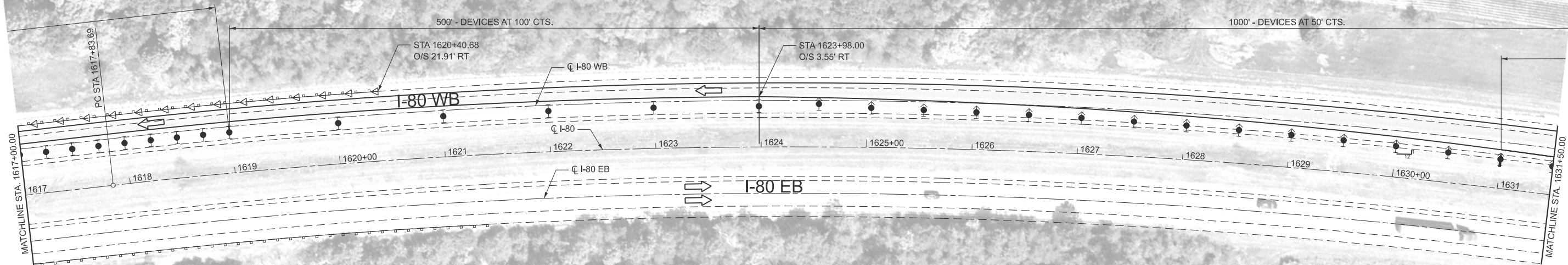
**BLOOM
COMPANIES, LLC**
Infrastructure Division and Design
110 N. Western Drive, Suite 1205 • Chicago, IL 60608
Phone: (312) 876-6000 Fax: (312) 876-6000

USER NAME = cmercado
PLOT SCALE = 0.16666633" / in.
PLOT DATE = 5/1/2026

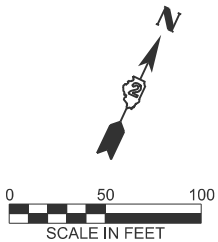
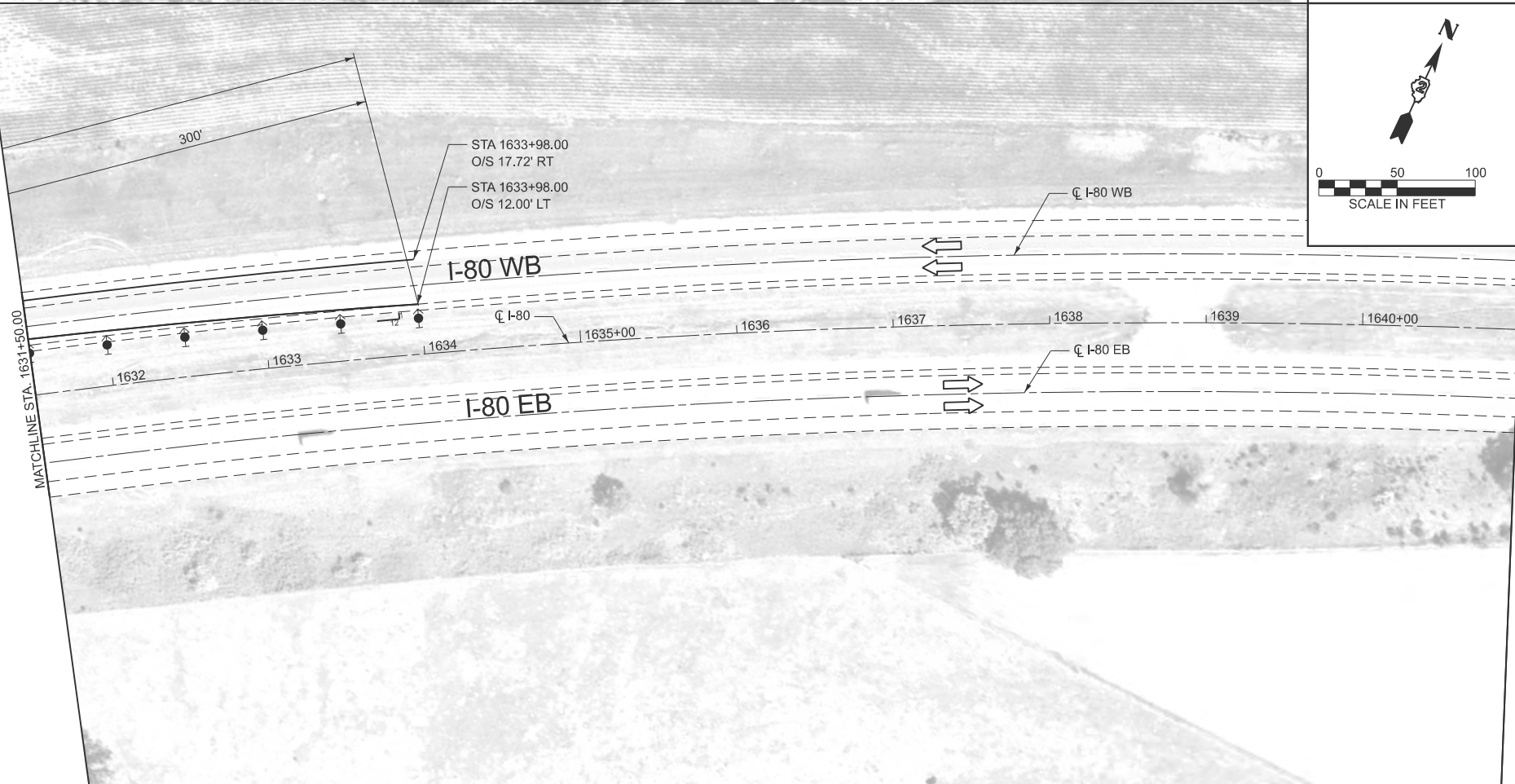
DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO THE DIRECTION OF TRAVEL.



NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO THE DIRECTION OF TRAVEL.



MOT LEGEND:

- | | | | |
|--|--|--|--|
| | FLOW OF TRAFFIC | | VERTICAL PANEL |
| | WORK ZONE | | TEMPORARY CONCRETE BARRIER |
| | ARROW BOARD | | TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | SIGN | | DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | | MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR |



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = 0.16666633" / in.
CHECKED -
PLOT DATE = 5/1/2026
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

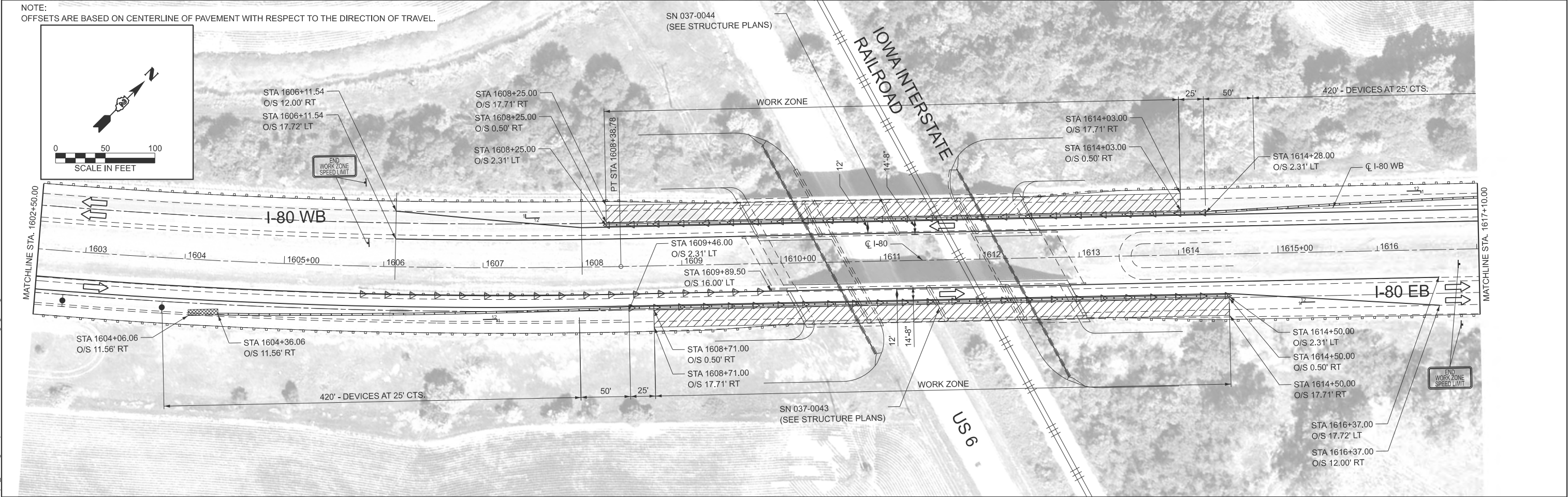
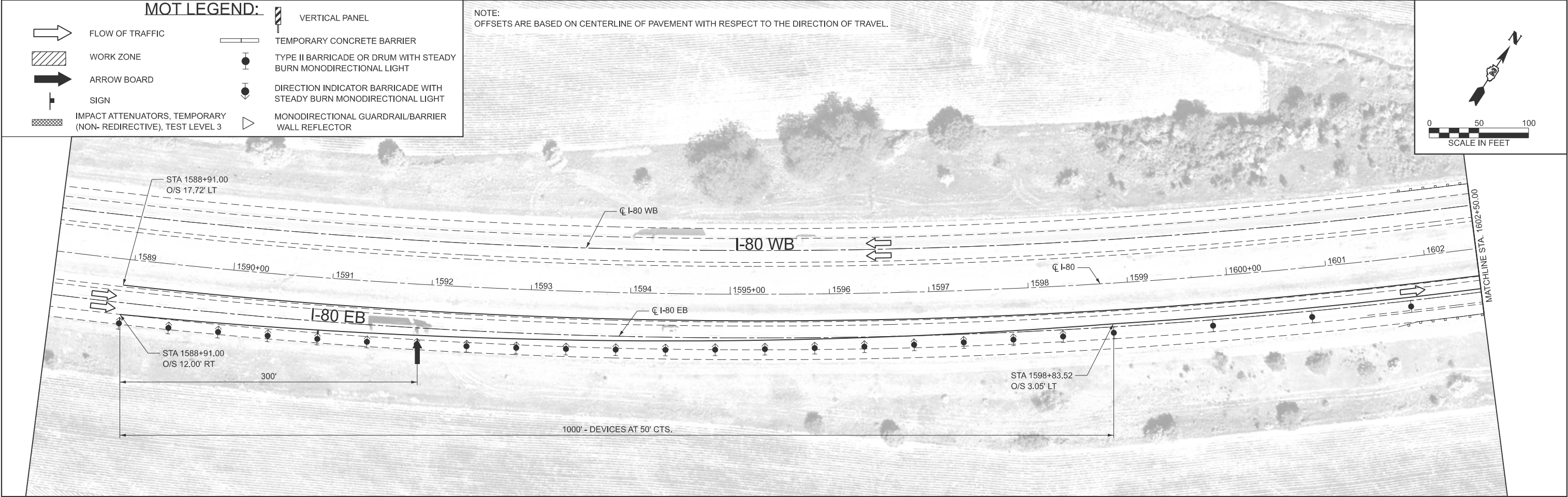
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1 STRUCTURE NO. 037-0043 (E.B.) & 037-0044 (W.B.)

SCALE: 1"=50' SHEET 20 OF 26 SHEETS STA. 1617+00.00 TO STA. 1641+00.00

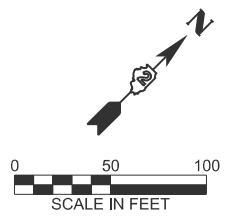
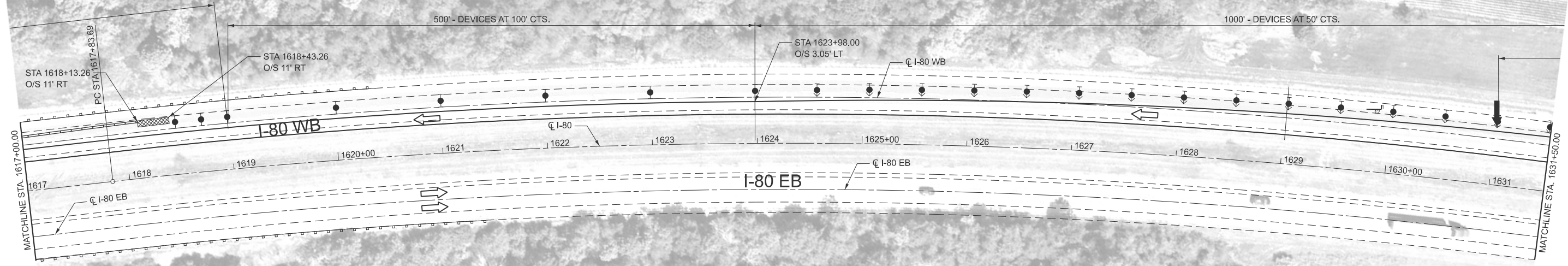
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	43
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



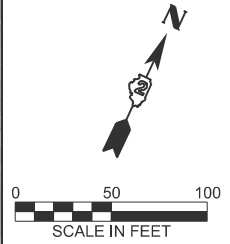
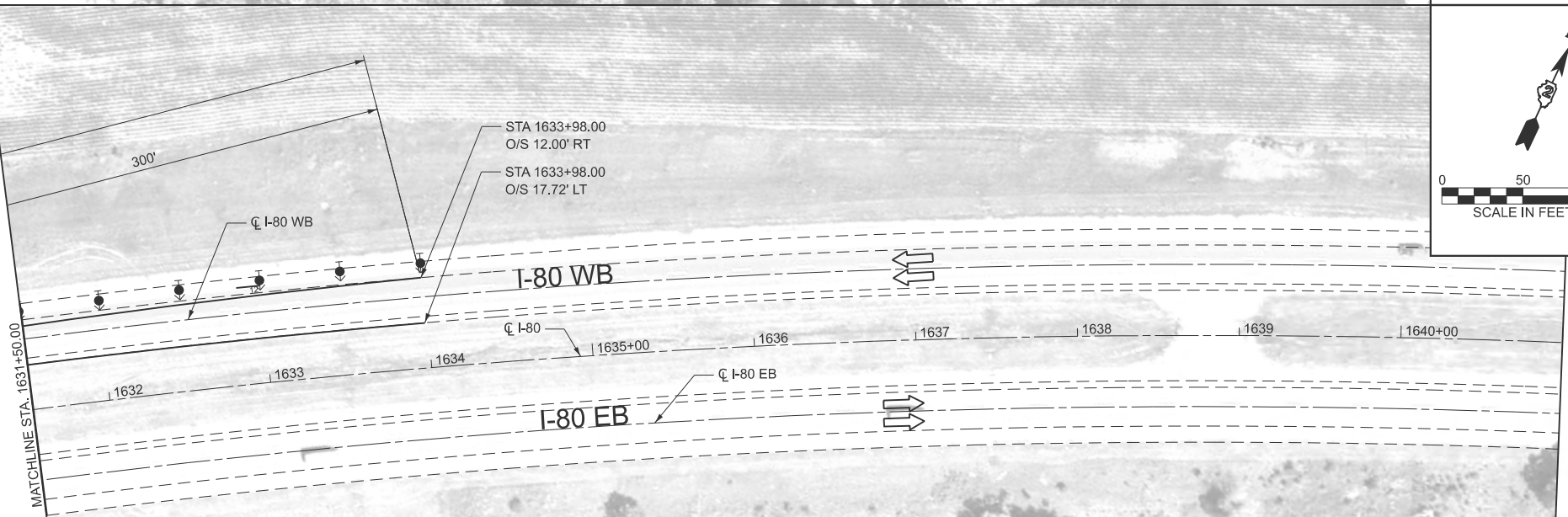
MODEL: STAGE 2-1 (Sheet)
FILE NAME: c:\pw_working\am-pw-01\mst17210\204143-shl-stage04.dgn

 BLOOM COMPANIES, LLC Infrastructure Division and Specialty 110 N. Western Drive, Suite 1205 • Chicago, IL 60608 Phone: (312) 876-6600 Fax: (312) 876-6600	USER NAME = cmercado	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2 STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						80	(37-(3-1,4,5,6)) BRR	HENRY	169	44
	PLOT SCALE = 0.16666633" / in.	CHECKED -	REVISED -						CONTRACT NO. 64T43				
	PLOT DATE = 5/1/2026	DATE -	REVISED -										
					SCALE: 1"=50'	SHEET 21	OF 26 SHEETS	STA. 1588+50.00	TO STA. 1617+10.00				

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO THE DIRECTION OF TRAVEL.



NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO THE DIRECTION OF TRAVEL.



MOT LEGEND:

- FLOW OF TRAFFIC
- WORK ZONE
- ARROW BOARD
- SIGN
- IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3
- VERTICAL PANEL
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR

MODEL: STAGE 2-2 (Sheet)
FILE NAME: c:\p\working\am-pw-01\ms17210\264143-sh-stage04.dgn



USER NAME	= cmercado	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= 0.16666633" / in.	CHECKED	-	REVISED	-
PLOT DATE	= 4/8/2026	DATE	-	REVISED	-

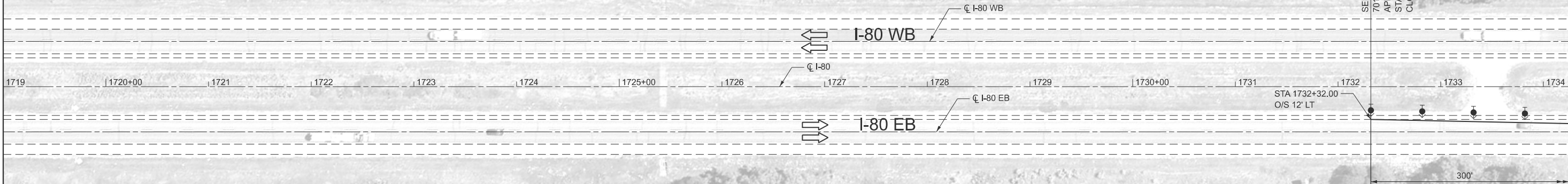
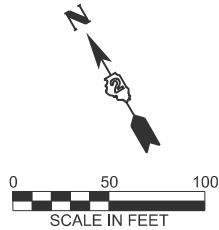
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1 STRUCTURE NO. 037-0043 (E.B.) & 037-0044 (W.B.)

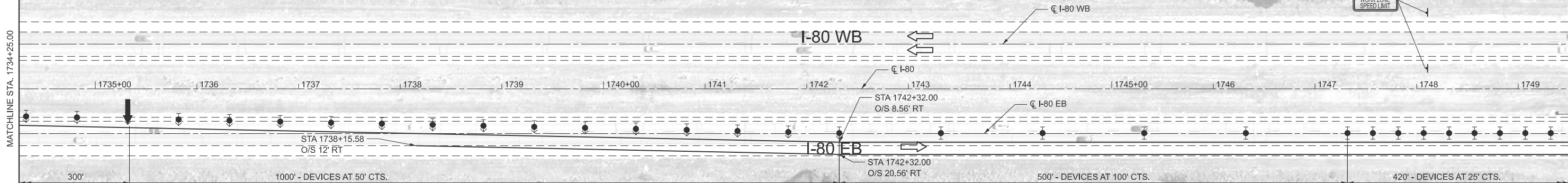
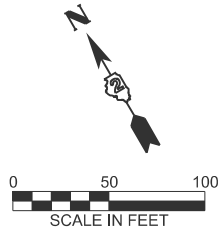
SCALE: 1"=50' SHEET 22 OF 26 SHEETS STA. 1617+00.00 TO STA. 1641+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	45
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



MOT LEGEND:

- | | | | |
|--|--|--|--|
| | FLOW OF TRAFFIC | | VERTICAL PANEL |
| | WORK ZONE | | TEMPORARY CONCRETE BARRIER |
| | ARROW BOARD | | TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | SIGN | | DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | | MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR |



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = 0.16666633" / in.
CHECKED -
PLOT DATE = 4/28/2026
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

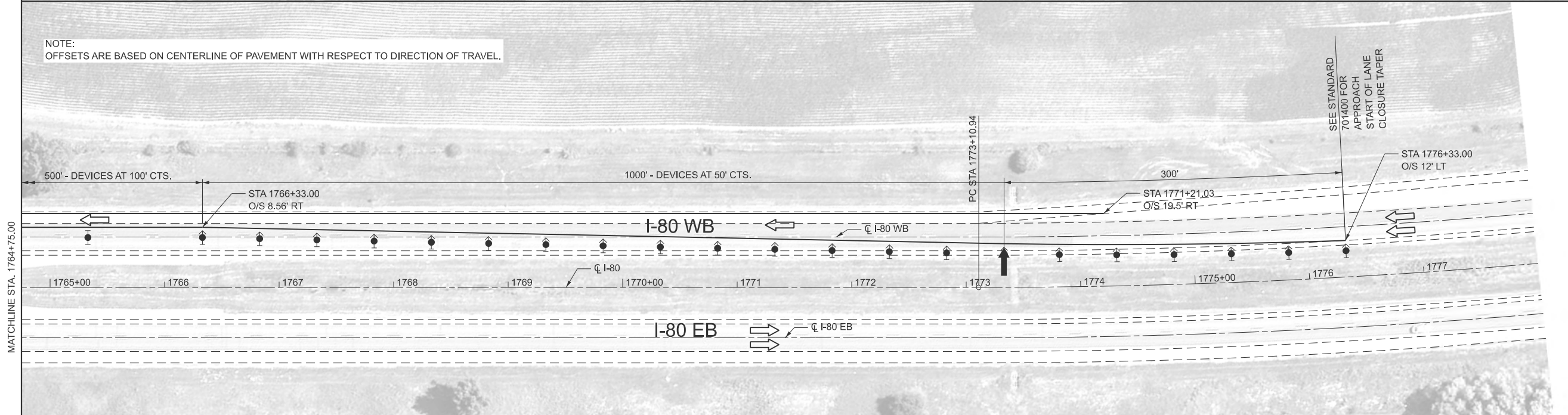
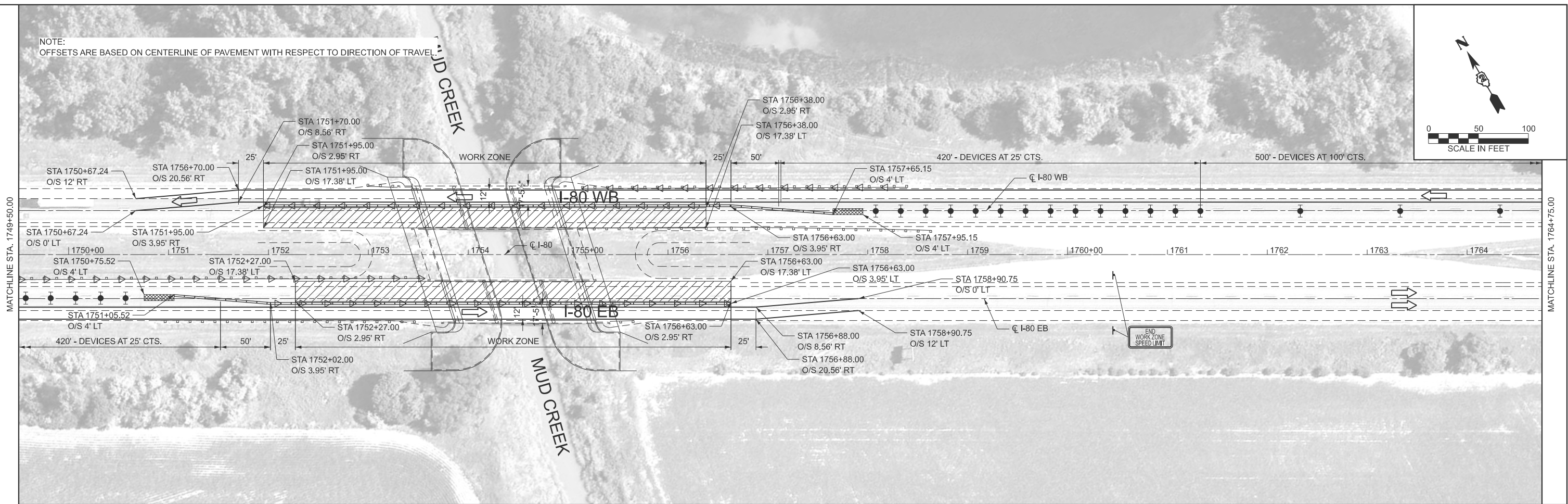
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1 STRUCTURE NO. 037-0045 (E.B.) & 037-0046 (W.B.)

SCALE: 1"=50' SHEET 23 OF 26 SHEETS STA. 1719+00.00 TO STA. 1749+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	46
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

MODEL: D264T43-sh-stage-05-02 (Sheet)
FILE NAME: c:\pw_working\lar-pw-41\ms17210\264T43-sh-stage-05.dgn



MOT LEGEND:

- | | | | |
|--|--|--|--|
| | FLOW OF TRAFFIC | | VERTICAL PANEL |
| | WORK ZONE | | TEMPORARY CONCRETE BARRIER |
| | ARROW BOARD | | TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | SIGN | | DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | | MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR |



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = 0.16666633" / in.
CHECKED -
PLOT DATE = 5/1/2026
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

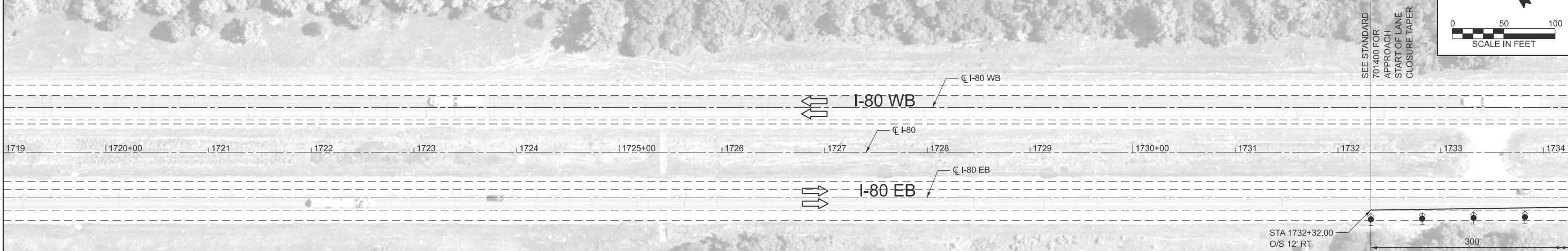
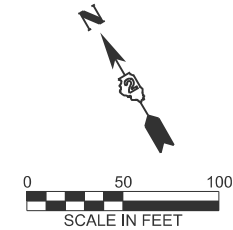
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1 STRUCTURE NO. 037-0045 (E.B.) & 037-0046 (W.B.)

SCALE: 1"=50' SHEET 24 OF 26 SHEETS STA. 1749+50.00 TO STA. 1778+00.00

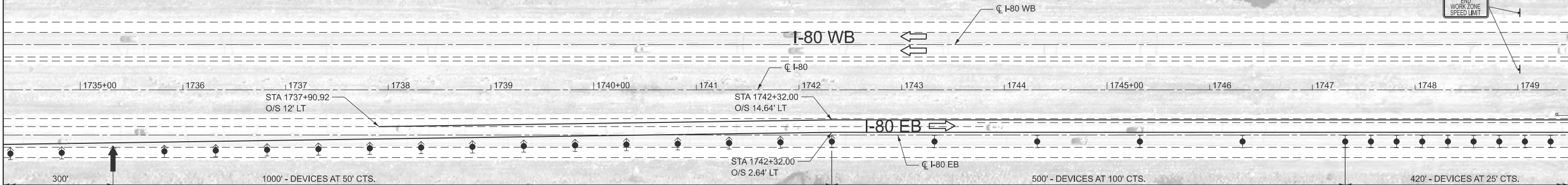
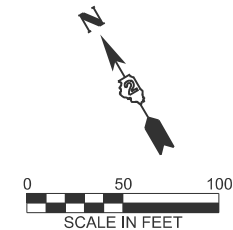
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	47
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



MATCHLINE STA. 1734+25.00

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



MATCHLINE STA. 1749+50.00

MOT LEGEND:

- | | | | |
|--|--|--|--|
| | FLOW OF TRAFFIC | | VERTICAL PANEL |
| | WORK ZONE | | TEMPORARY CONCRETE BARRIER |
| | ARROW BOARD | | TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | SIGN | | DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | | MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR |



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = 0.16666633" / in.
CHECKED -
PLOT DATE = 5/1/2026
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
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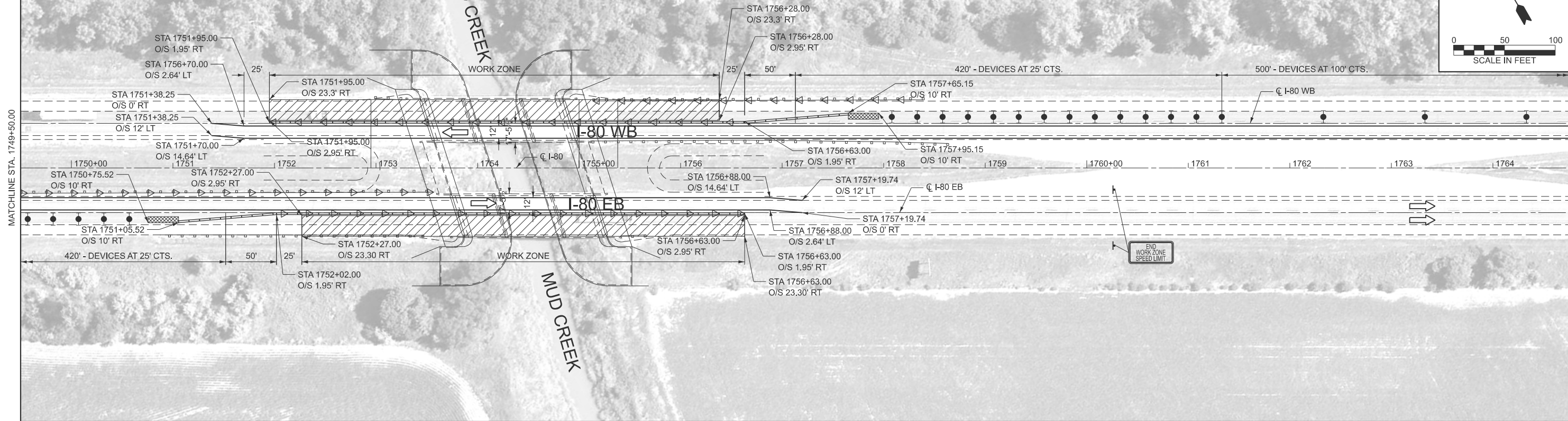
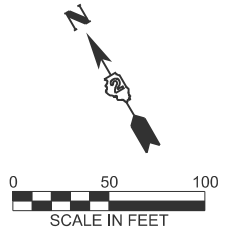
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2 STRUCTURE NO. 037-0045 (E.B.) & 037-0046 (W.B.)

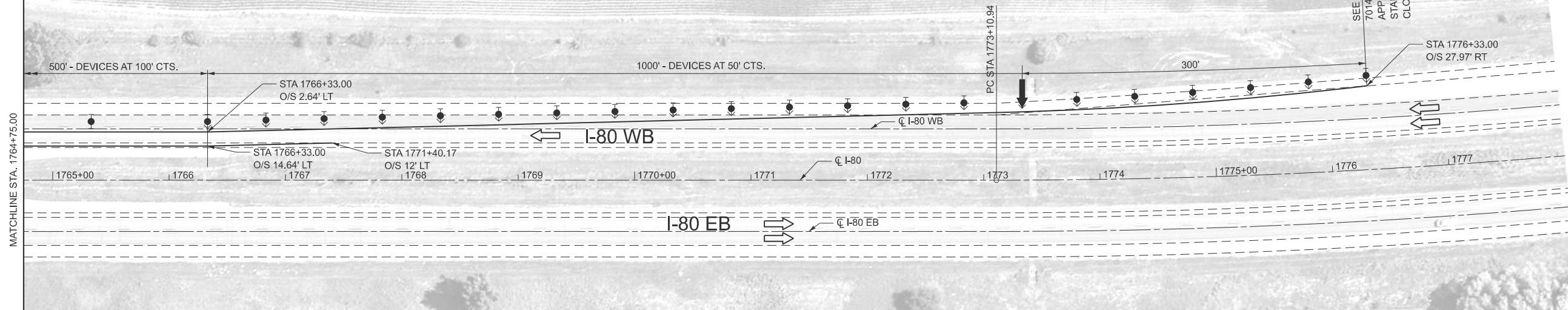
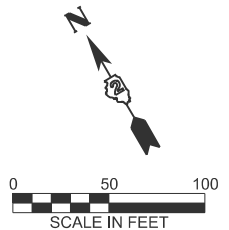
SCALE: 1"=50' SHEET 25 OF 26 SHEETS STA. 1719+00.00 TO STA. 1749+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	48
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



NOTE:
OFFSETS ARE BASED ON CENTERLINE OF PAVEMENT WITH RESPECT TO DIRECTION OF TRAVEL.



MOT LEGEND:

- | | | | |
|--|--|--|--|
| | FLOW OF TRAFFIC | | VERTICAL PANEL |
| | WORK ZONE | | TEMPORARY CONCRETE BARRIER |
| | ARROW BOARD | | TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | SIGN | | DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |
| | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | | MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR |



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = 0.16666633" / in.
CHECKED -
PLOT DATE = 5/1/2026
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

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REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2 STRUCTURE NO. 037-0045 (E.B.) & 037-0046 (W.B.)

SCALE: 1"=50' SHEET 26 OF 26 SHEETS STA. 1749+50.00 TO STA. 1778+00.00

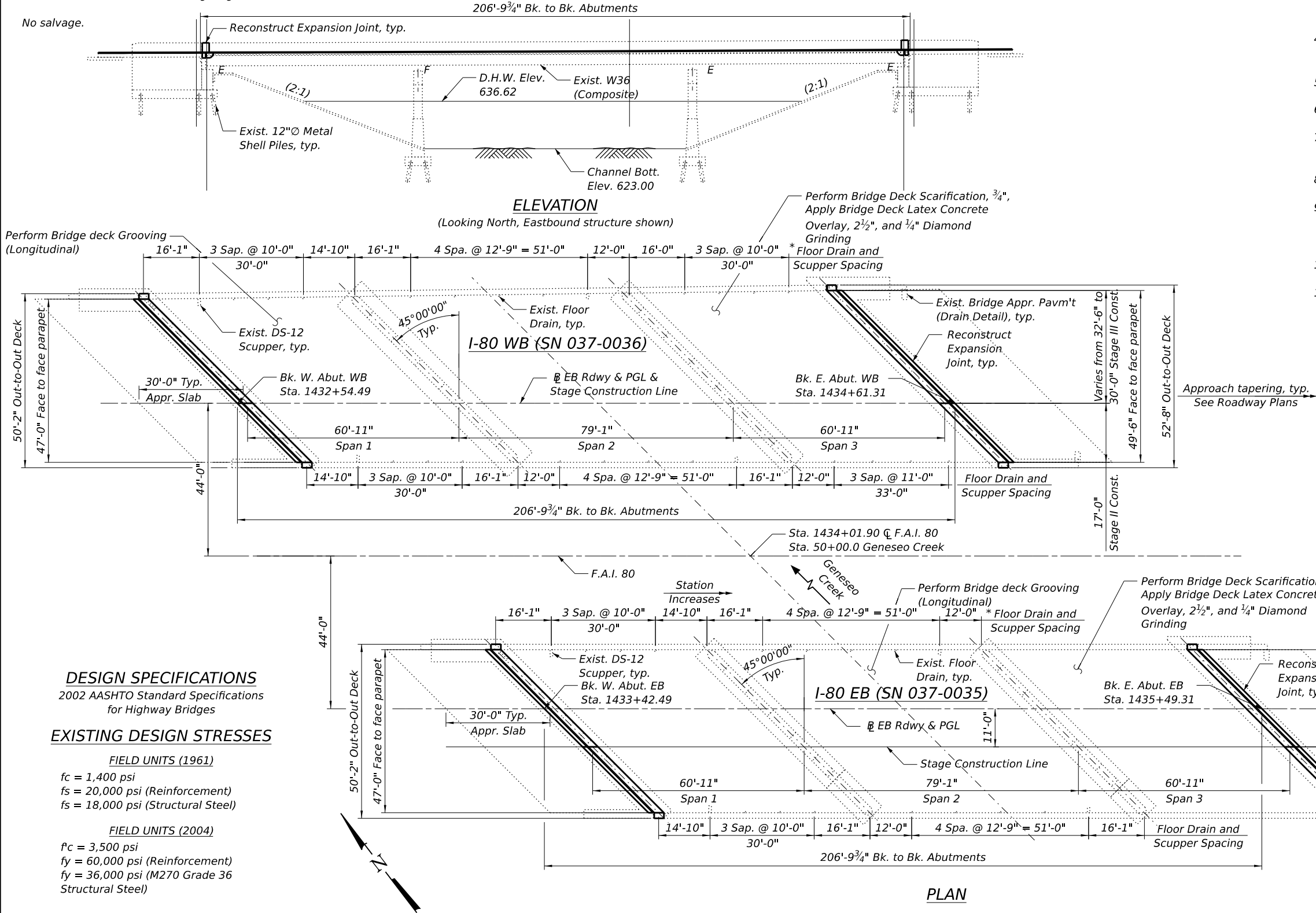
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	49
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

Benchmark: Existing BM A (IDOT #454) "□" Square cut on top of Southwest wingwall of Eastbound bridge. Datum = NAVD 88 Elevation = 651.11. Contractor to verify.

Existing Structure: SN 037-0035 (EB) & SN 037-0036 (WB) carry FAI Route 80 over Geneseo Creek was built in 1961 as part of Section 37-3B-I, 37-3HB-2-I. Both structures are three span R.C. Deck with Continuous Steel Beams on R.C. Piers & spill-through Abutments. The Eastbound structure carries two lanes of through traffic and one exit lane with out-to-out deck of 50'-2". The Westbound structure carries two lanes of through traffic and one variable width merging lane with out-to-out deck varies from 50'-2" to 52'-8". Both structures have an overall length of 206'-9¾" (back-to-back of abutments) with center span length of 79'-1" and two end spans of 69'-9". During the 2004 rehabilitation, the Eastbound piers and abutments were widened, additional beams added and the deck removed and widened. All slope walls were upgraded and repaired. All Approach Pavement were removed and replaced.

Traffic is to be maintained utilizing stage construction.

No salvage.

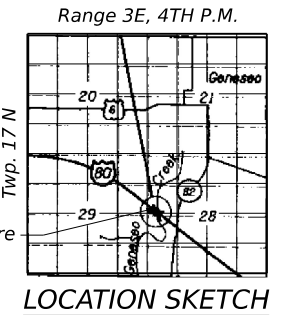


SCOPE OF WORK

1. Scarify ¾" from the bridge deck and approach slabs.
2. Perform Deck Slab Repairs.
3. Reconstruct expansion joints at the east and west abutments for both bounds and install new preformed joint strip seals.
4. Apply 2½" Bridge Deck Latex Concrete Overlay on Bridge Deck and approach slabs.
5. Perform ¼" Diamond Grinding to top of bridge deck and approach slabs.
6. Perform Bridge Deck Grooving (Longitudinal) on traffic lanes.
7. Apply Protective Coat to top of the Latex Concrete Overlay and to top of new concrete areas.
8. Apply Acrylic Coating to top and inside faces of the parapets.
9. Perform structural repair of concrete to all spalled and delaminated areas, and perform epoxy crack injection to all open cracks (⅛" - wide and wider) for the abutments and piers as noted on the plans.
10. Perform Slope Wall Repairs.
11. Apply Concrete Sealer to all exposed faces of the abutment, wingwalls, and piers.



A. RAMI ASFAHANI, S.E. DATE: 08/07/2026
LICENSE EXPIRES 11 / 30 / 2026
SHEET RANGE: SA-01 THRU SA-29



GENERAL PLAN AND ELEVATION
I-80 OVER GENESEO CREEK
F.A.I. ROUTE 80 - SECTION 37-3B-I, 37-3HB-2-I
HENRY COUNTY
STATION 1434+01.90
STRUCTURE NO. 037-0035 (E.B.)
STRUCTURE NO. 037-0036 (W.B.)



USER NAME	= rasfahani
PLOT SCALE	= \$SCALE\$
PLOT DATE	= 8/7/2026

DESIGNED -	MA
CHECKED -	MA
DRAWN -	MA
CHECKED -	WWM

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REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SHEET SA-01 OF SA-29 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-(3-1,4,5,6)RS&D & 37-3HB	HENRY	169	50
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

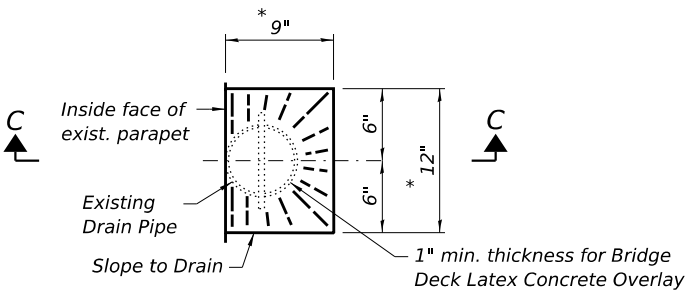
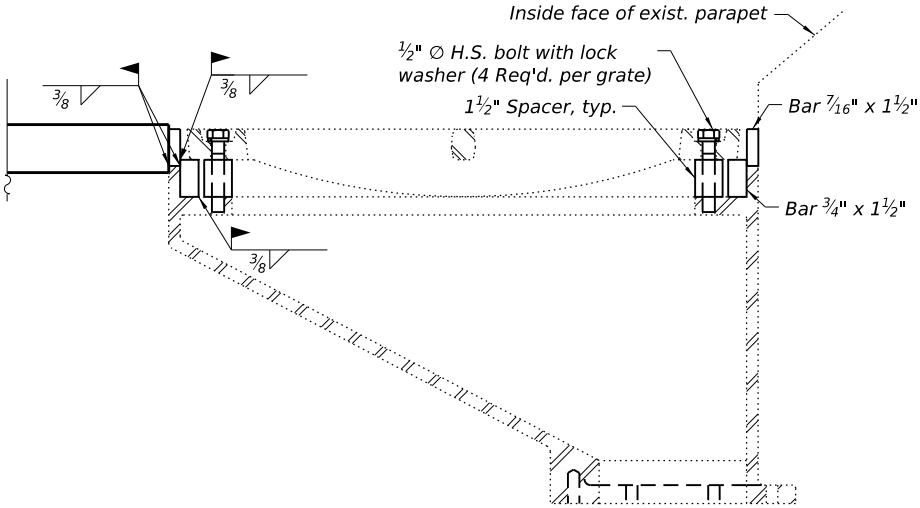
1. Reinforcement bars designated (E) shall be epoxy coated.
2. Plan dimensions and details relative to the existing structure have been taken from existing plans and are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
3. The Contractor may request copies of existing construction plans that are currently on file with the Illinois Department of Transportation (IDOT). The request shall be in writing with the understanding that any reproduction cost will be the Contractor's expense and at no additional cost to the Department.
4. Bars noted thus, 3x2-#5, indicates 3 lines of #5 bars with 2 lengths of bars per line.
5. Cover from the face of concrete to face of reinforcement bars shall be 3" for surfaces formed against earth and 2" for all other surfaces unless otherwise shown.
6. All exposed concrete edges shall have a 3/4"x 45° chamfer except where shown otherwise.
7. Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system at the Contractor's expense. Cost included with Concrete Removal.
8. Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50°F.
9. Protective Coat shall be applied to top of the Latex Concrete Overlay and to top of new concrete areas.
10. Acrylic Coating shall be applied to top and inside faces of the parapets.
11. The Contractor shall exercise extreme caution during concrete removal to avoid damaging the steel beams and diaphragms to remain. Any damage to the existing steel beams and/or diaphragms to remain caused by the Contractor in the performance of the work shall be repaired by the Contractor, to the satisfaction of the Engineer, at no cost to the Department.
12. It shall be the Contractors responsibility to locate and protect any utilities or facilities on, within or under the bridge deck including but not limited to under deck conduits, or signs attached to the structure. Any damage to existing utilities caused by the Contractor in the performance of the work shall be repaired by the Contractor, to the satisfaction of the Engineer, at no cost to the Department.
13. The Contractor is responsible to remove, support and reinstall all existing electrical conduits interfering with the work.
14. Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of the abutments and wingwalls.
15. Prior to the application of the Concrete Sealer, the Contractor shall clean all existing debris from the abutments, piers and wingwalls. The method of debris removal shall not damage the existing concrete and shall be approved by the Engineer. See special provision for Debris Removal.
16. The Engineer shall show actual locations and size of deck repairs on As-Built Plans.
17. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
18. Cleaning and field painting of structural steel shall be done under a separate painting contract.

INDEX OF SHEETS

SA-01	General Plan And Elevation
SA-02	General Data
SA-03	Stage Construction Details
SA-04	Temporary Concrete Barrier
SA-05	Deck Repair Plan and Overlay Details - Eastbound
SA-06	Deck Repair Plan and Overlay Details - Westbound
SA-07	Parapet Repairs - Eastbound
SA-08	Parapet Repairs - Westbound
SA-09	W Abutment Joint Replacement - Eastbound (Sheet 1 of 2)
SA-10	E Abutment Joint Replacement - Eastbound (Sheet 2 of 2)
SA-11	W Abutment Joint Replacement - Westbound (Sheet 1 of 2)
SA-12	E Abutment Joint Replacement - Westbound (Sheet 2 of 2)
SA-13	Preformed Joint Strip Seal
SA-14	West Abutment and Wingwalls Repairs - Eastbound
SA-15	West Abutment and Wingwalls Repairs - Eastbound
SA-16	East Abutment and Wingwalls Repairs - Eastbound
SA-17	East Abutment and Wingwalls Repairs - Eastbound
SA-18	West Abutment and Wingwalls Repairs - Westbound
SA-19	West Abutment and Wingwalls Repairs - Westbound
SA-20	East Abutment and Wingwalls Repairs - Westbound
SA-21	East Abutment and Wingwalls Repairs - Westbound
SA-22	Pier 1 Repairs - Eastbound
SA-23	Pier 2 Repairs - Eastbound
SA-24	Pier 1 Repairs - Westbound
SA-25	Pier 2 Repairs - Westbound
SA-26	Sloped Wall Repairs - Eastbound
SA-27	Sloped Wall Repairs - Westbound
SA-28	Approach Shoulder Inlet Extension Details
SA-29	Bar Splicer Assembly and Mechanical Splicer Details

TOTAL BILL OF MATERIAL

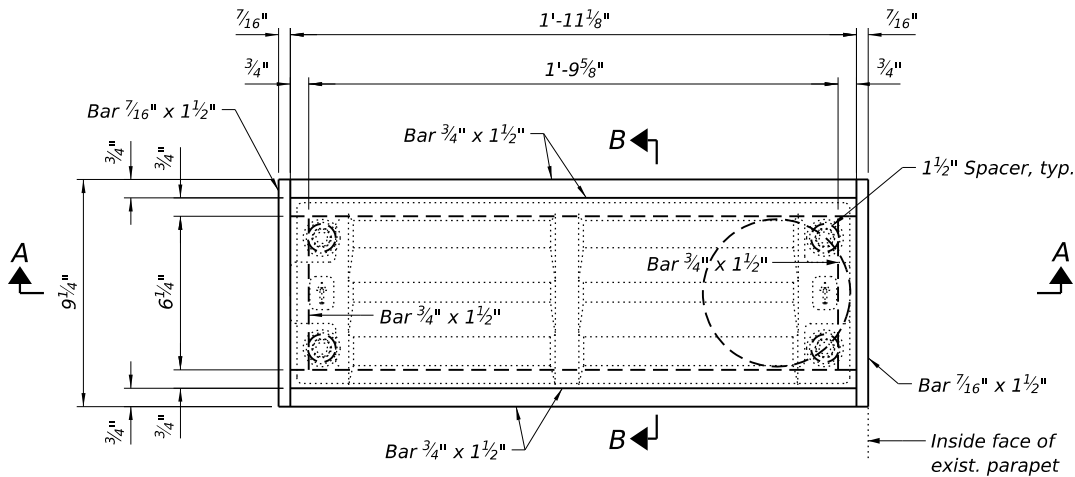
ITEM	UNIT	TOTAL
Concrete Removal	Cu Yd	68.9
Concrete Superstructure	Cu Yd	76.6
Protective Coat	Sq Yd	2,804
Reinforcement Bars, Epoxy Coated	Pound	6,030
Bar Splicers	Each	56
Preformed Joint Strip Seal	Foot	278
Deck Slab Repair (Full Depth, Type I)	Sq Yd	10
Bridge Deck Scarification 3/4"	Sq Yd	2,770
Bridge Deck Latex Concrete Overlay, 2 1/2"	Sq Yd	2,770
Structural Repair Of Concrete (Depth Equal to or Less Than 5 Inches)	Sq Ft	85
Concrete Sealer	Sq Ft	8,774
Epoxy Crack Injection	Foot	361
Frames And Grates to Be Adjusted	Each	4
Acrylic Coating	Sq Yd	401
Bridge Deck Grooving (Longitudinal)	Sq Yd	2,154
Floor Drain Extension	Each	44
Slope Wall Crack Sealing	Foot	473
Slope Wall Repair	Sq Yd	1
Drainage Scuppers to Be Adjusted	Each	8
Diamond Grinding (Bridge Section)	Sq Yd	2,574
Relocating Name Plates	Each	4



TOP PLAN - FLOOR DRAIN

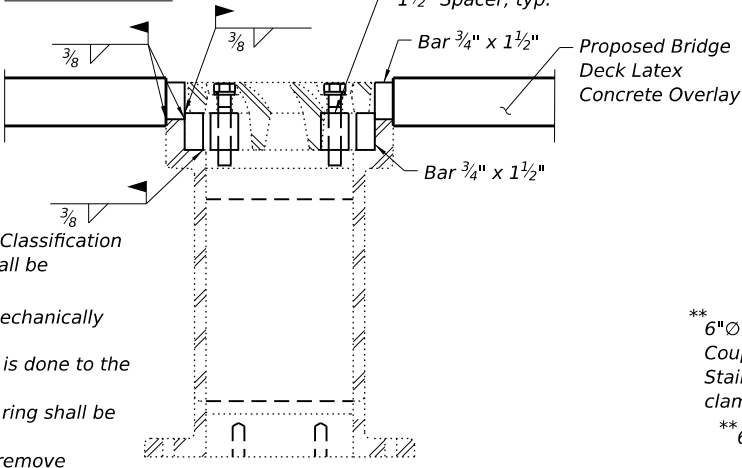
Overlay Transition at Existing Drain Pipes

- * Slope to drain, cost included in Bridge Deck Latex Concrete Overlay, 2 1/2".
- ** Cost of drain extension is included in Floor Drain Extension.

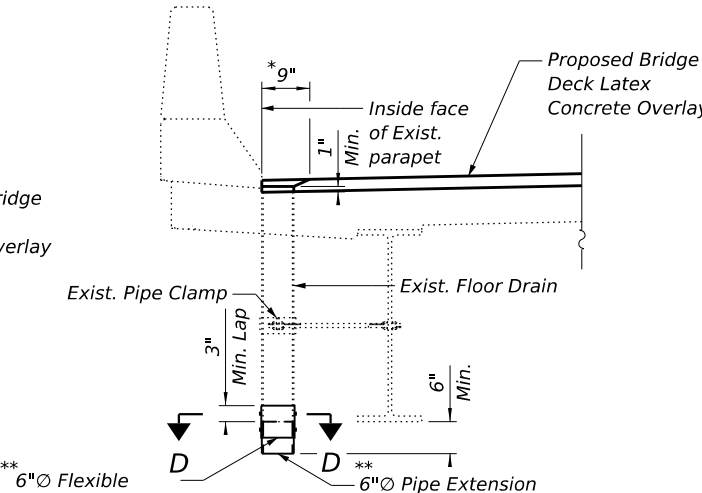


PLAN - DRAINAGE SCUPPER ADJUSTING RING DETAILS

SECTION A-A



SECTION B-B



SECTION C-C

** Secure coupling to pipe with 4-1/4 inch Stainless Steel bolts; each bolt has 2-Stainless Steel washers and 1-Stainless Steel nylon locking nut

SECTION D-D

SCUPPER ADJUSTING NOTES:

1. All structural steel shall conform to AASHTO Classification M-270 Gr. 36. The adjusting scupper ring shall be galvanized.
2. Bolts shall be 1/2 inch diameter, AASHTO M164 Type I, mechanically galvanized.
3. The Contractor shall ensure that no damage is done to the existing grates to be reused.
- Shop plans for the proposed adjusting scupper ring shall be submitted for approval prior to fabrication.
4. Cost of all labor and materials necessary to remove existing grates, clean existing scuppers, install adjusting scupper rings and reinstall grates is included in the cost per unit each of Drainage Scuppers to be Adjusted.



USER NAME = rasfahant	DESIGNED - MA	REVISED -
PLOT SCALE = \$SCALES\$	CHECKED - MA	REVISED -
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	CHECKED - WWM	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

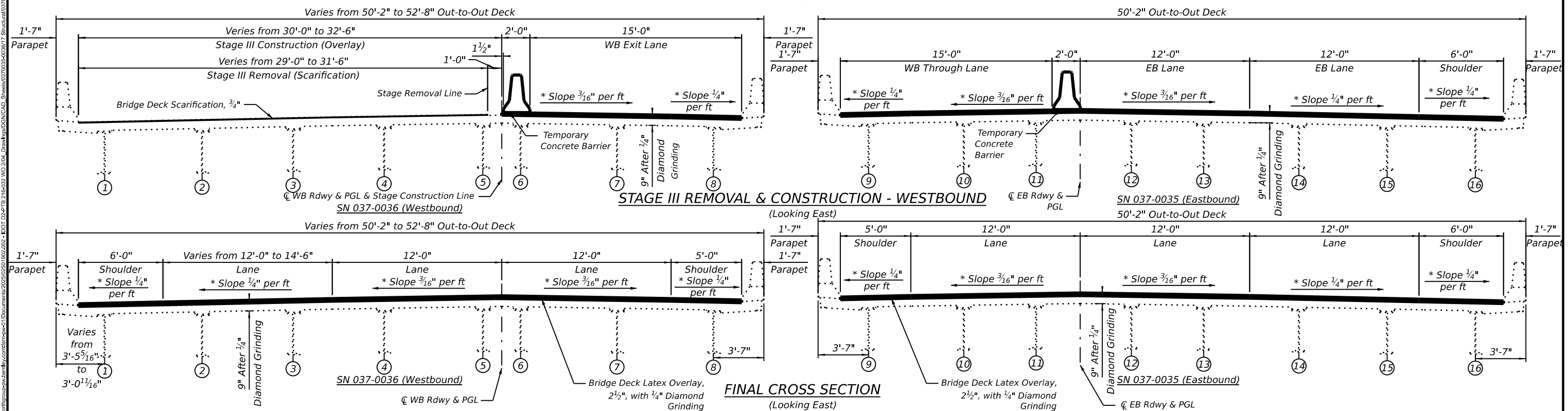
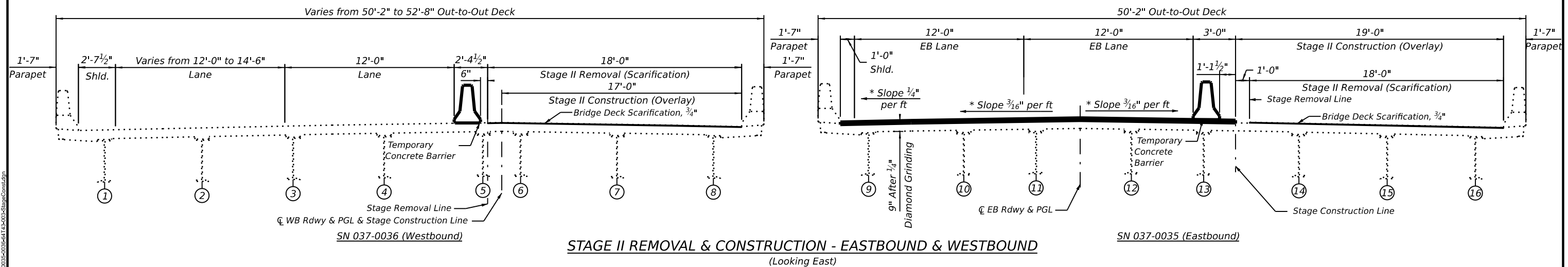
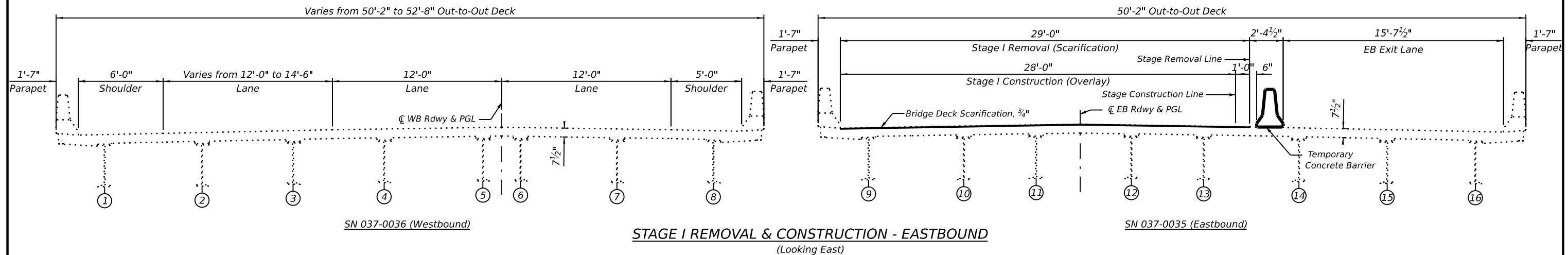
GENERAL DATA
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SHEET SA-02 OF SA-29 SHEETS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64T43			

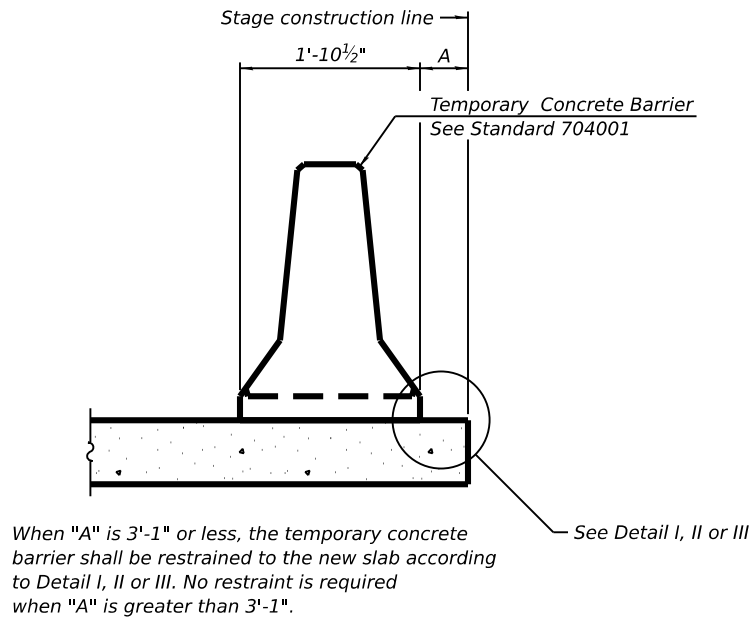
ILLINOIS FED. AID PROJECT

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TIME: 2:25:52 PM
DRAWN BY: rasfahant
CHECKED BY: WWM
DESIGNED BY: MA
PLOT SCALE: \$SCALES\$
PLOT DATE: 8/10/2026

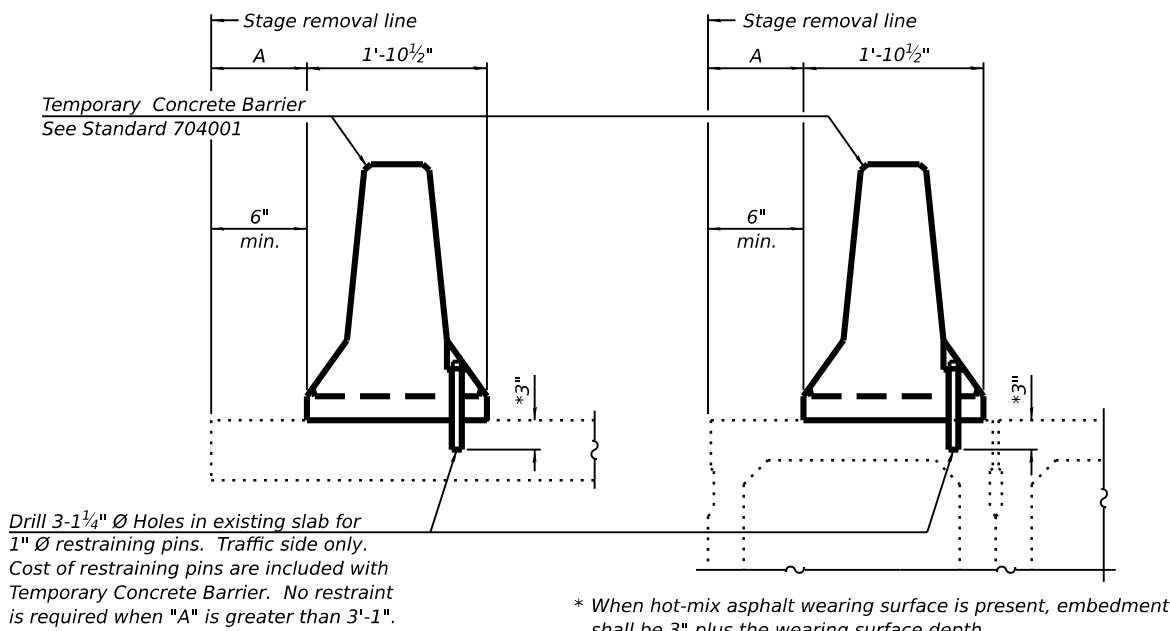


* *Match existing cross slopes.*

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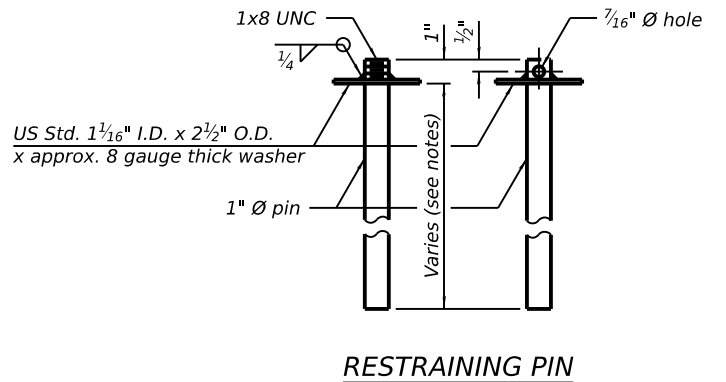


NEW SLAB OR NEW DECK BEAM



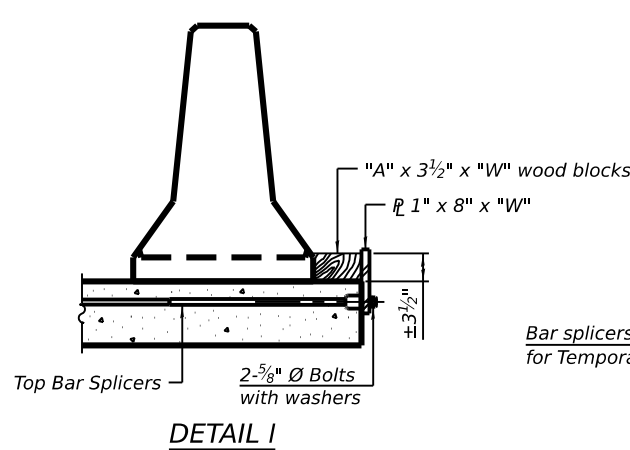
EXISTING SLAB

EXISTING DECK BEAM

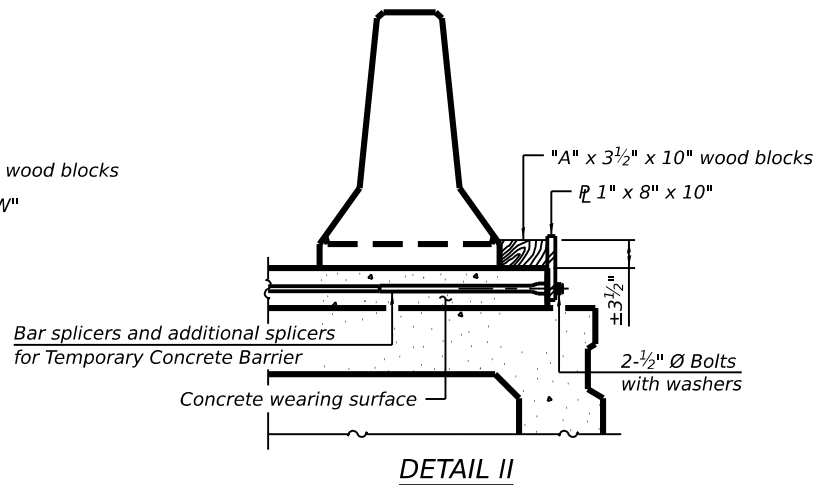


RESTRAINING PIN

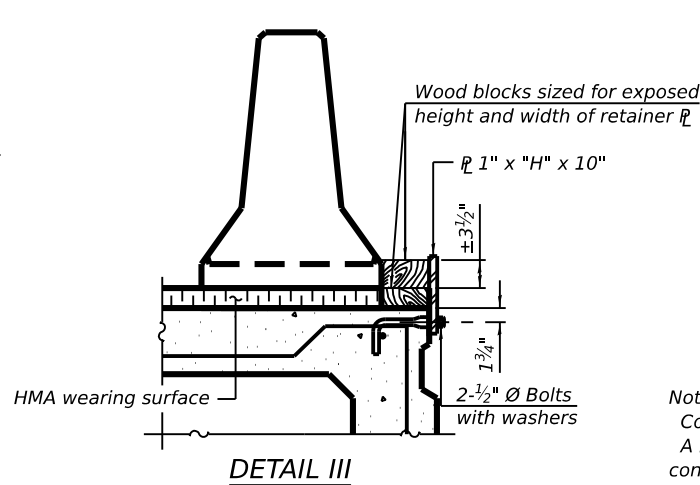
SECTIONS THRU SLAB OR DECK BEAM



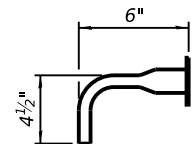
DETAIL I



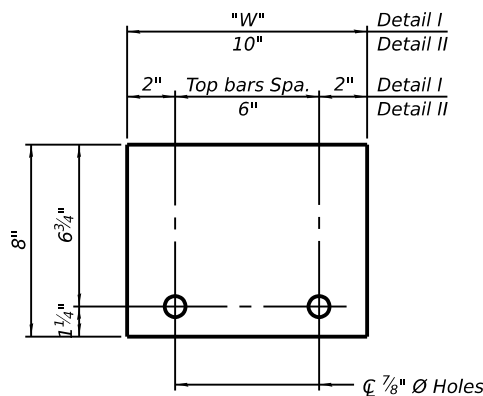
DETAIL II



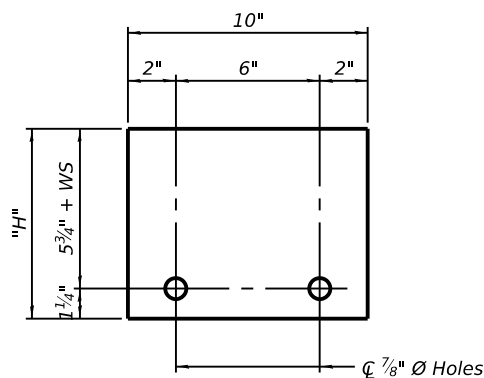
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



STEEL RETAINER R 1" x 8" x "W"
(Detail I and II)



STEEL RETAINER R 1" x "H" x 10"
(Detail III)

Notes:
Cost of retainer assembly is included with Temporary Concrete Barrier.
A retainer assembly shall be located at the approximate C of each temporary concrete barrier.
The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
When the 'A' dimension is less than 1 1/2", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.

Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.

Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

RAILING CRITERIA

NCHRP 350 Test Level	3
Railing Weight (plf)	440

R-27

5-15-2023



USER NAME	= alobal088
DESIGNED	- MA
CHECKED	- MA
DRAWN	- MA
CHECKED	- WWM
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PLOT DATE	= 5/1/2026

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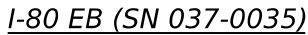
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CONCRETE BARRIER
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SHEET SA-04 OF SA-29 SHEETS

F&I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-(3-1,4,5,6)RS&D & 37-3HBR	HENRY	169	53
CONTRACT NO. 64T43				
ILLINOIS FED.AID PROJECT				

Item	Unit	Total
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	5



NOTES

1. *Repair areas shown are estimated based on field inspections performed in February 2026. Actual repair limits shall be verified in accordance with the Special Provisions and documented by the Engineer on the As-Built plan sheets.*
2. *For parapets repairs, see Sheet SA-07*
3. *For expansion joint removal and reconstruction, see Sheets SA-09 and SA-11 .*
4. *Perform 1/4" Diamond Grinding to the top of bridge deck and approach slabs.*
5. *Perform Bridge Deck Grooving (Longitudinal) on traffic lanes.*
6. *Protective Coat shall be applied to the top of latex concrete overlay and to the top surface of the expansion joints reconstructed areas.*
7. *Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system at the Contractor's expense.*

USER NAME = alobak188	DESIGNED - MA	REVISED -
	CHECKED - MA	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - MA	REVISED -
PLOT DATE = 5/1/2026	CHECKED - WMM	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

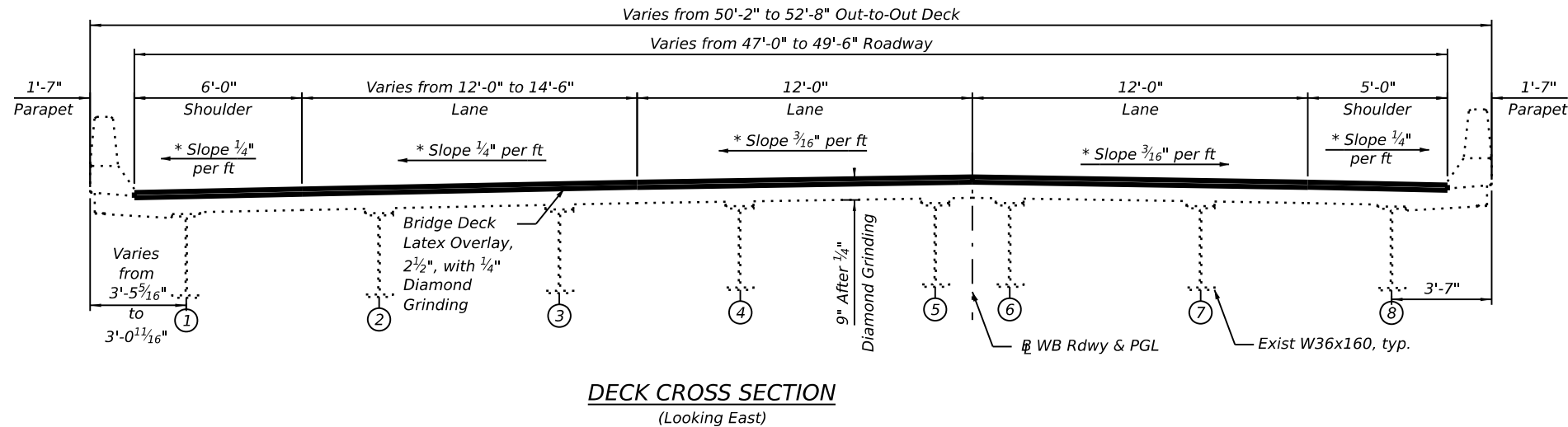
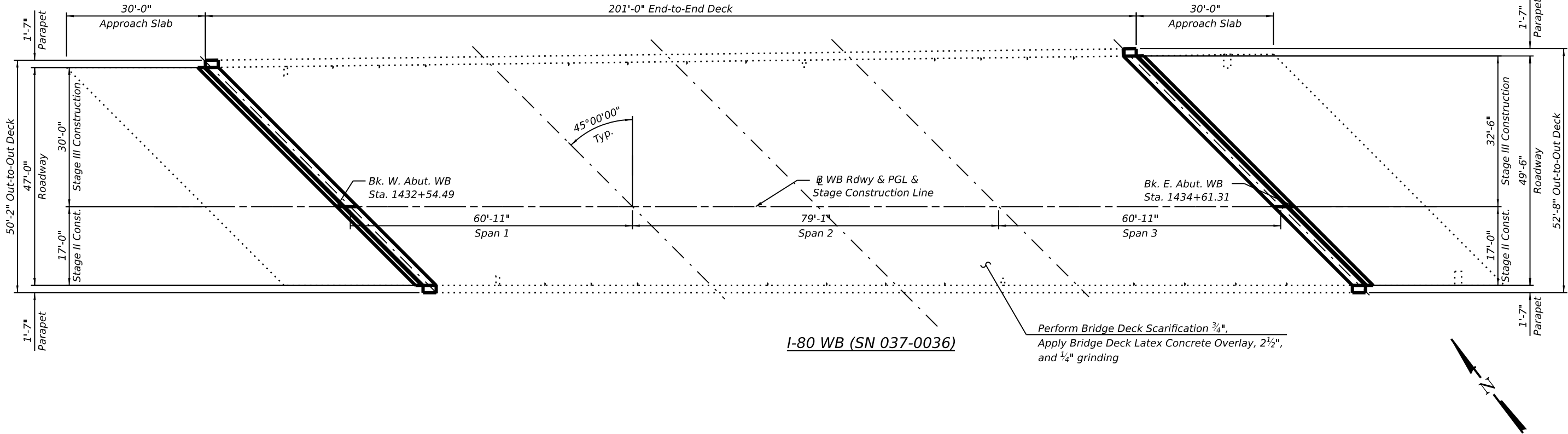
**DECK REPAIR PLAN AND OVERLAY DETAILS - EASTBOUND
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)**

SHEET SA-05 OF SA-29 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37(3-1,4,5,6)RS&D & 37-3HBR	HENRY	169	54
		CONTRACT NO. 64T43		
		ILLINOIS FED. AID PROJECT		

BILL OF MATERIAL

Item	Unit	Total
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	5



NOTES

- Repair areas shown are estimated based on field inspections performed in February 2026. Actual repair limits shall be verified in accordance with the Special Provisions and documented by the Engineer on the As-Built plan sheets.
- For parapets repairs, see Sheet SA-08
- For expansion joint removal and reconstruction, see Sheets SA-13 and SA-15.
- Perform 1/4" Diamond Grinding to the top of bridge deck and approach slabs.
- Perform Bridge Deck Grooving (Longitudinal) on traffic lanes.
- Protective Coat shall be applied to the top of latex concrete overlay and to the top surface of the expansion joints reconstructed areas.
- Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system at the Contractor's expense.



USER NAME = alobak88	DESIGNED - MA	REVISED -
CHECKED - MA	REVISED -	
PLOT SCALE = \$SCALE\$	DRAWN - MA	REVISED -
PLOT DATE = 5/1/2026	CHECKED - WWM	REVISED -

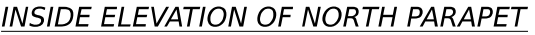
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECK REPAIR PLAN AND OVERLAY DETAILS - WESTBOUND
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

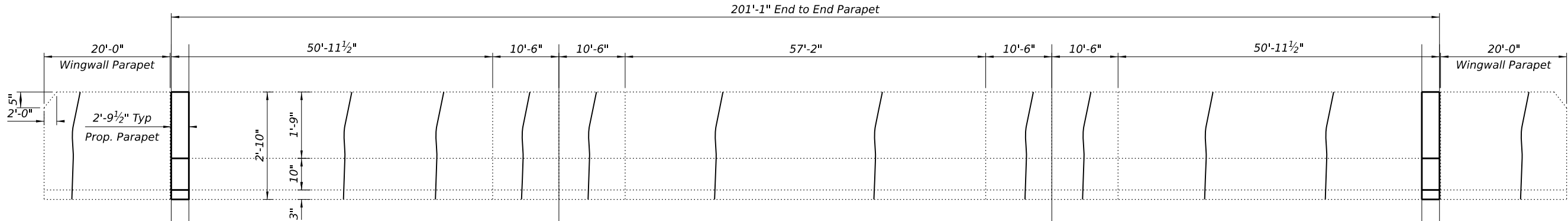
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CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

SHEET SA-06 OF SA-29 SHEETS

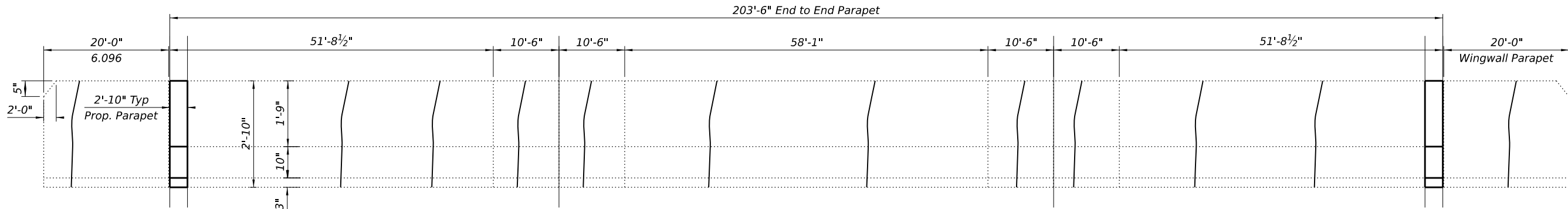
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PLOT DATE: 5/1/2026
PLOT SCALE: 1/8" = 1'-0"



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INSIDE ELEVATION OF NORTH PARAPET



INSIDE ELEVATION OF SOUTH PARAPET

NOTES

1. All dimensions are measured along the inside face of parapets.
2. The repair areas shown are estimated based on field inspections conducted in February 2026. The actual repair areas required shall be verified according to the special provisions.
3. Quantities and limits shown are estimated for bidding purposes only. The actual areas to be repaired and the type(s) of repairs to be used will be determined by the Engineer in the field at the time of construction.
4. Acrylic Coating shall be applied to top and inside faces of the parapets.

BILL OF MATERIAL

Item	Unit	Total
Epoxy Crack Injection	Foot	72

LEGEND

L.F. Epoxy Crack Injection



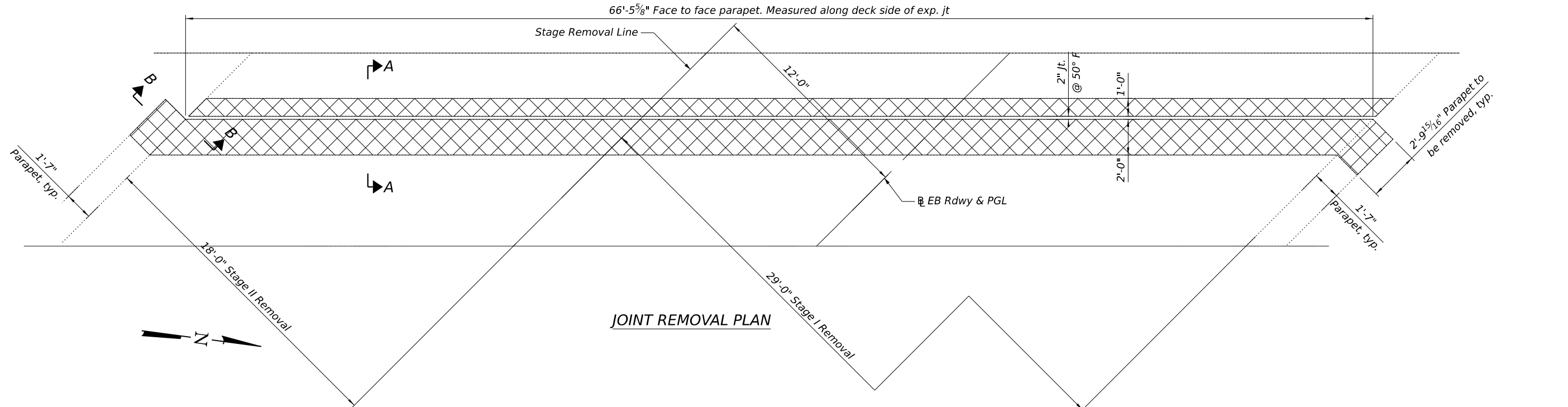
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

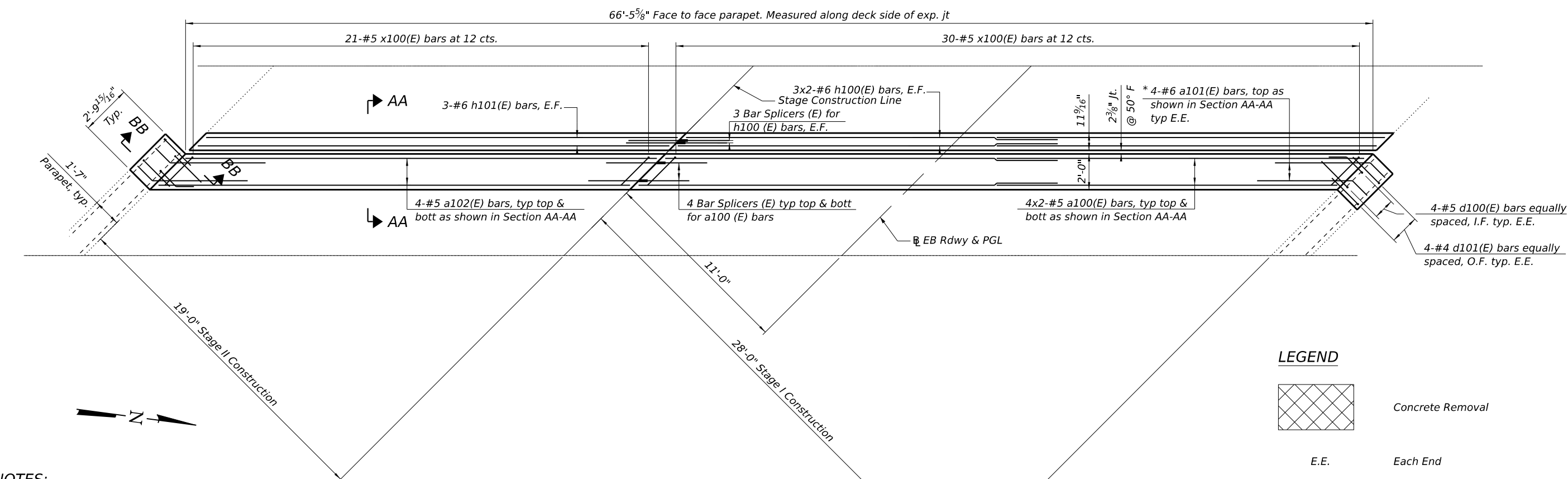
PARAPETS REPAIRS - WESTBOUND
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SHEET SA-08 OF SA-29 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-(3-1,4,5,6)RS&D & 37-3HBR	HENRY	169	57
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



JOINT REMOVAL PLAN



JOINT RECONSTRUCTION PLAN

LEGEND

-  Concrete Removal
- E.E. Each End
- E.F. Each Face
- I.F. Inside Face
- O.F. Outside Face

NOTES:

- For Sections A-A, B-B, AA-AA, BB-BB, Bar Diagrams, additional Notes, and Bill of Material, see Sheet SA-10.
- Removal and disposal of the existing expansion joint is included with Concrete Removal.
- Bars indicated thus 4 x 2-#5 etc. indicates 4 lines of bars with 2 lengths per line.
* Bend in field to fit.

MINIMUM BAR LAP

- #5 bar = 3'-5"
- #6 bar = 4'-10"



USER NAME = rasfahant	DESIGNED - MA	REVISED -
	CHECKED - MA	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - MA	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

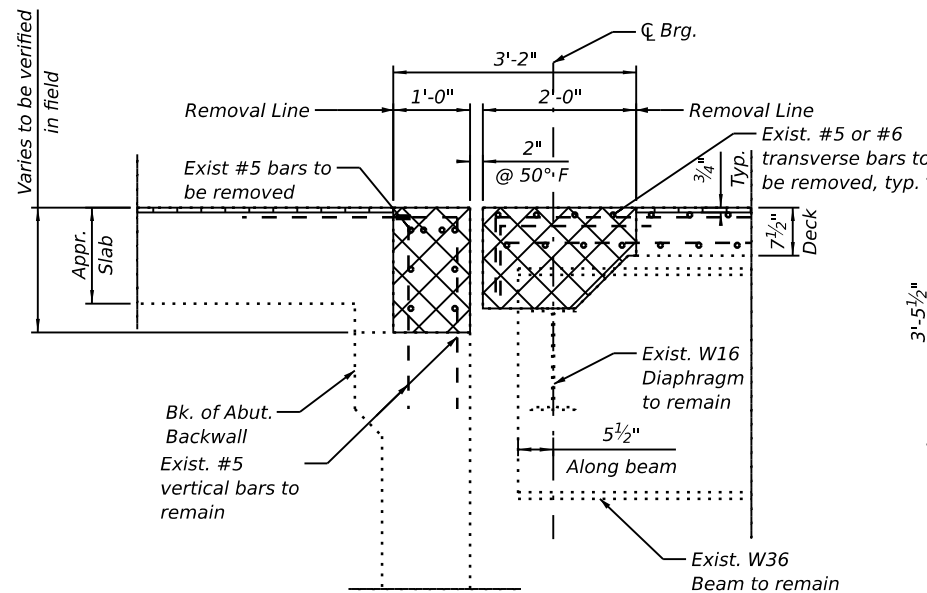
W ABUTMENT JOINT REPLACEMENT - EASTBOUND (SHEET 1 OF 2)
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SHEET SA-09 OF SA-29 SHEETS

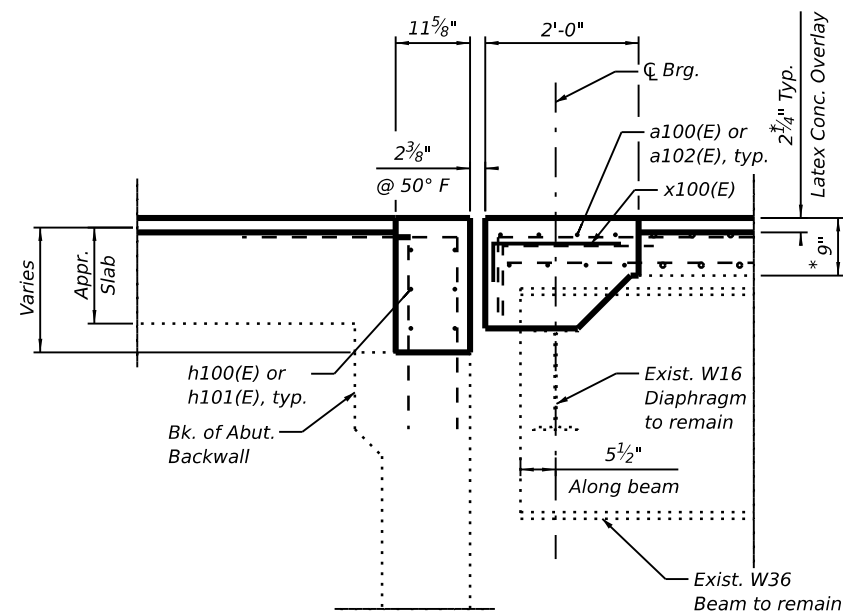
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-(3-1,4,5,6)RS&D & 37-3HBR	HENRY	169	58
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

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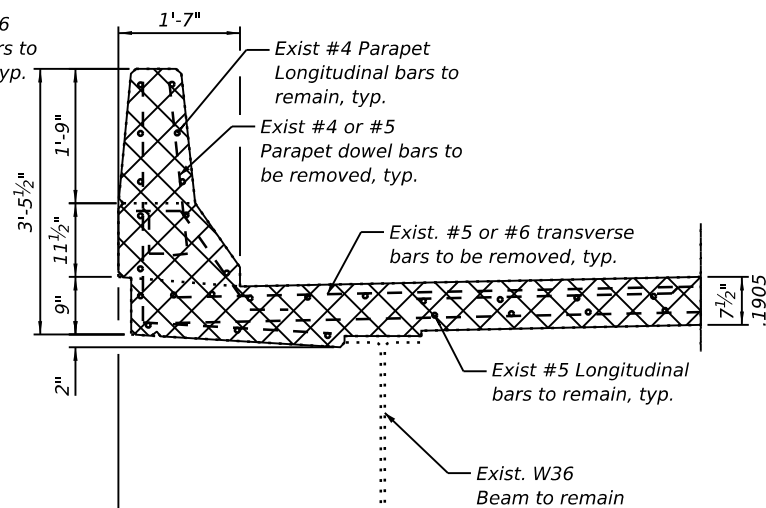
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CHECKED: MA
DRAWN: MA
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PLOT DATE: = 5/1/2026



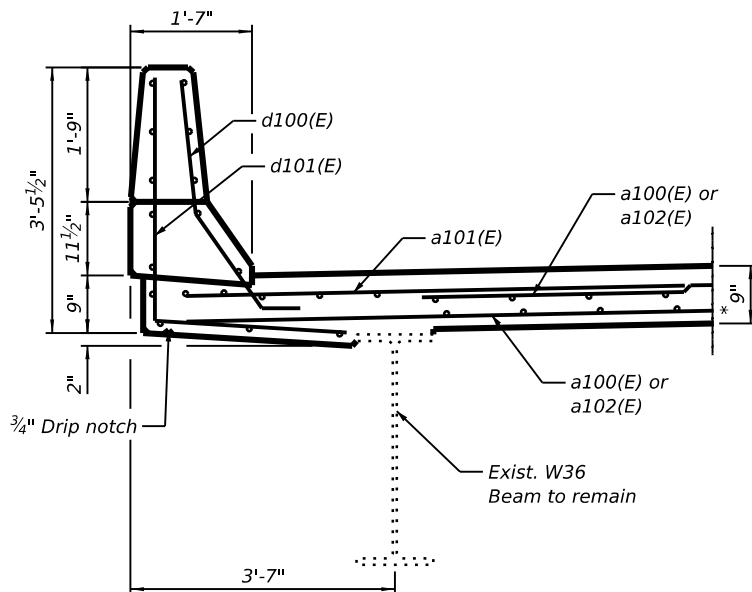
SECTION A-A



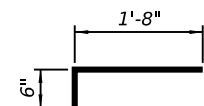
SECTION AA-AA



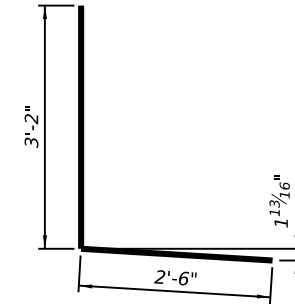
SECTION B-B



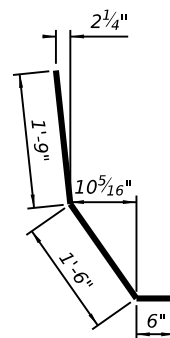
SECTION BB-BB



BAR x100(E)



BAR d101(E)

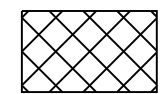


BAR d100(E)

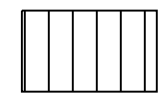
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a100(E)	16	#5	21'-11"	
a101(E)	8	#6	6'-6"	
a102(E)	8	#5	27'-9"	
d100(E)	8	#5	3'-9"	
d101(E)	8	#4	5'-8"	
h100(E)	12	#6	22'-1"	
h101(E)	6	#6	26'-7"	
X100(E)	51	#5	2'-2"	
Concrete Removal			Cu. Yd.	17.0
Concrete Superstructure			Cu. Yd.	18.9
Reinforcement Bars, Epoxy Coated			Pound	1,490

LEGEND



Concrete Removal



Bridge Deck Scarification, 3/4"

* After 1/4" Diamond Grinding



USER NAME = alobak88	DESIGNED - MA	REVISED -
	CHECKED - MA	REVISED -
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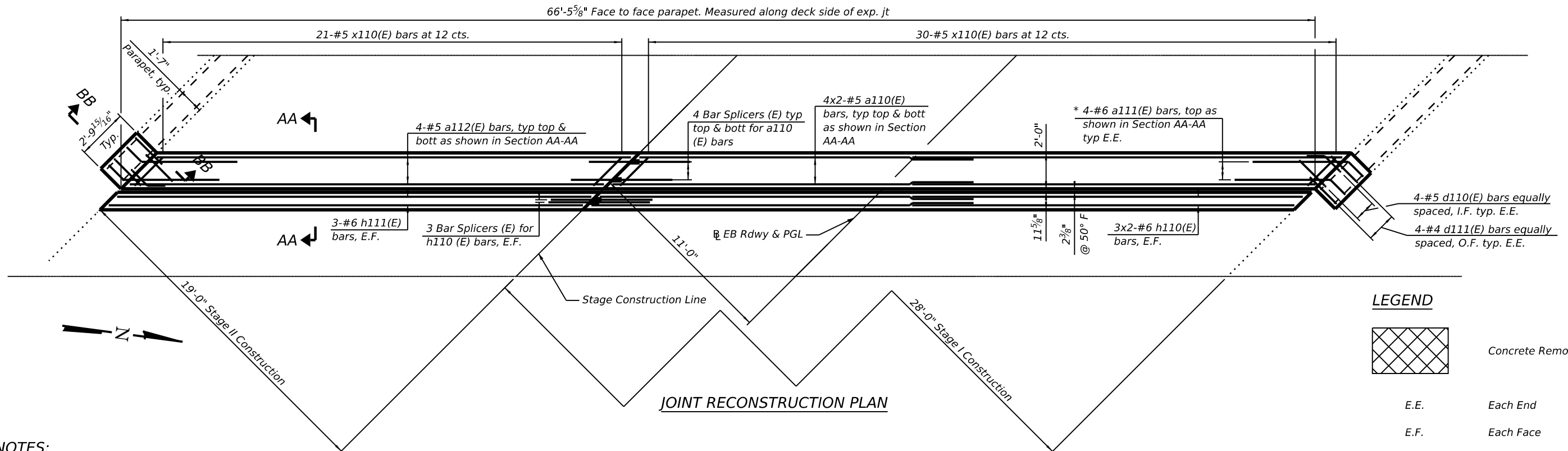
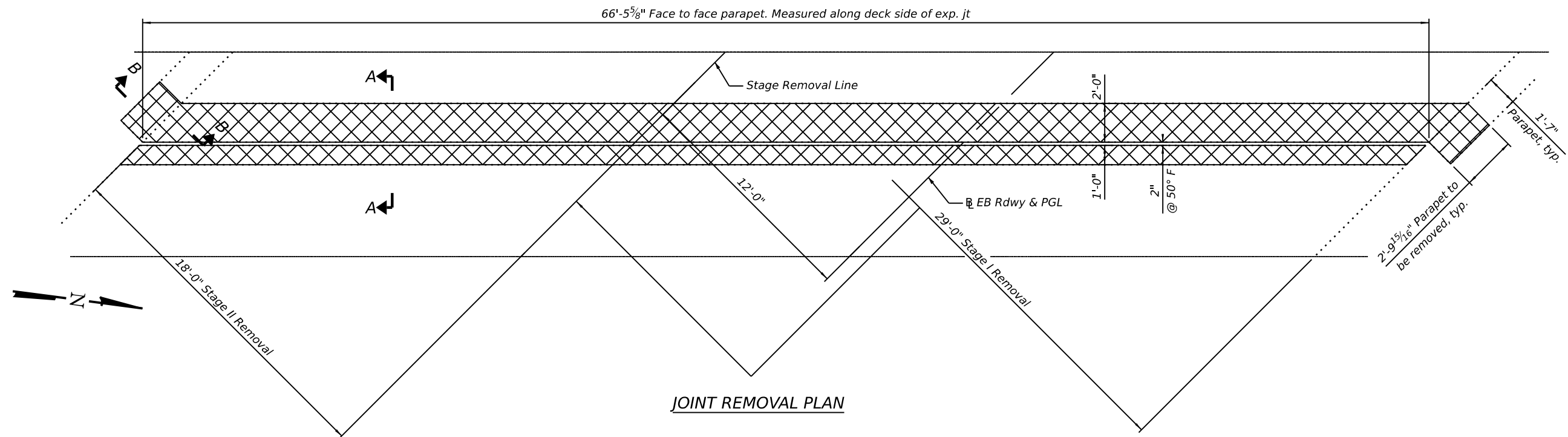
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

W ABUTMENT JOINT REPLACEMENT - EASTBOUND (SHEET 2 OF 2)
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SHEET SA-10 OF SA-29 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-(3-1,4,5,6)RS&D & 37-3HBR	HENRY	169	59
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

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CHECKED: MA
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CHECKED: WWM
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PLOT DATE: 5/1/2026



NOTES:

1. For Sections A-A, B-B, AA-AA, BB-BB, Bar Diagrams, additional Notes, and Bill of Material, see Sheet SA-12.

2. Removal and disposal of the existing expansion joint is included with Concrete Removal.

3. Bars indicated thus 4 x 2-#5 etc. indicates 4 lines of bars with 2 lengths per line.

* Bend in field to fit.

MINIMUM BAR LAP

#5 bar = 3'-5"

#6 bar = 4'-10"



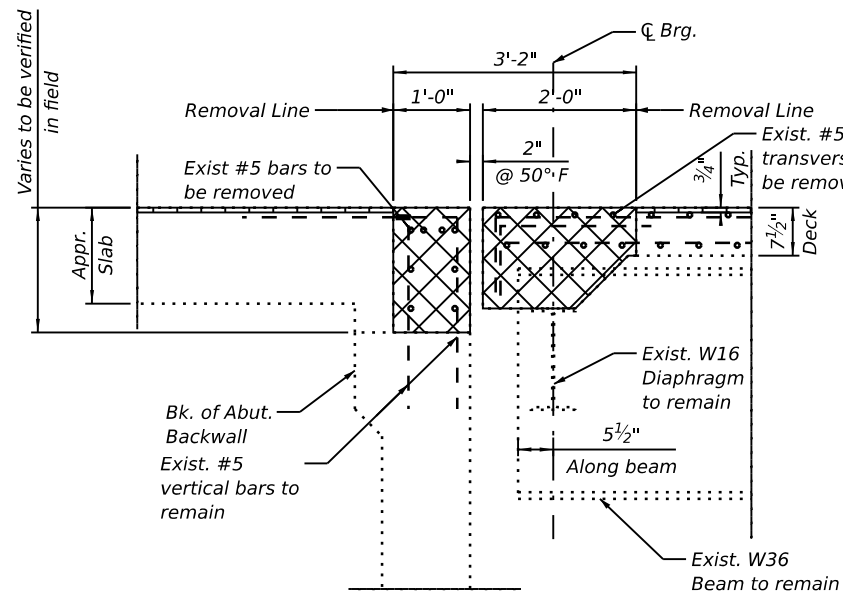
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

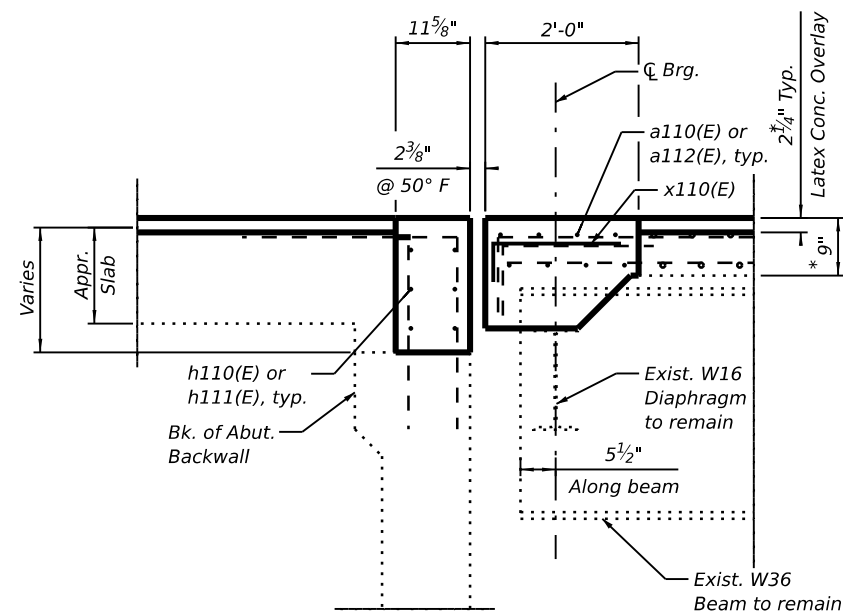
E ABUTMENT JOINT REPLACEMENT - EASTBOUND (SHEET 1 OF 2)
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SHEET SA-11 OF SA-29 SHEETS

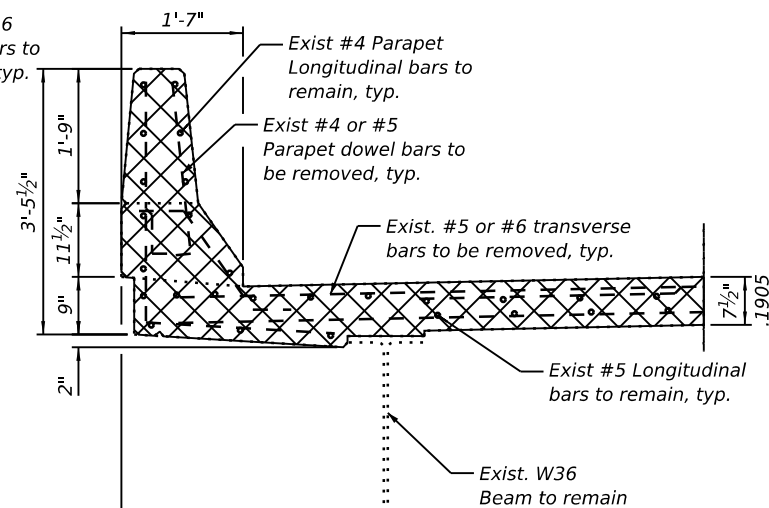
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



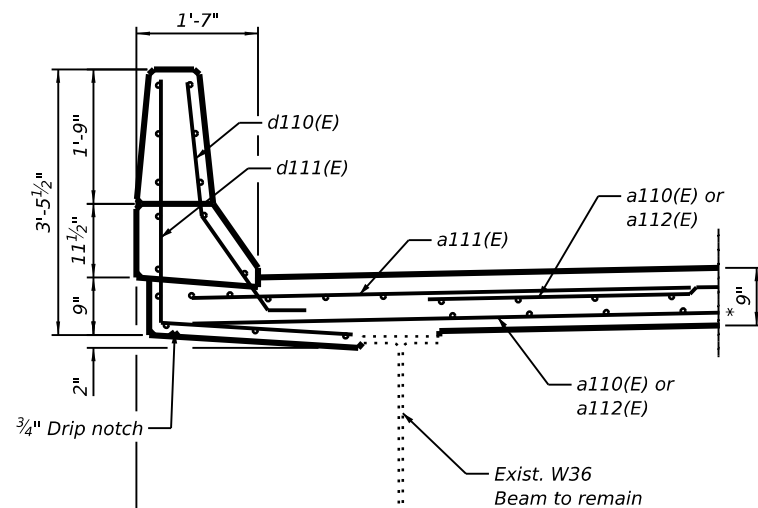
SECTION A-A



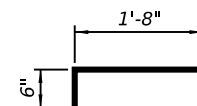
SECTION AA-AA



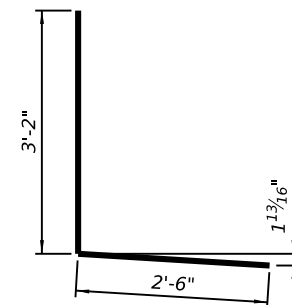
SECTION B-B



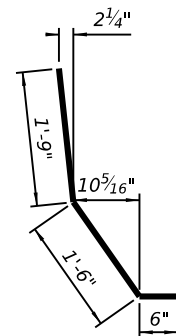
SECTION BB-BB



BAR x110(E)



BAR d111(E)



BAR d110(E)

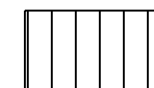
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a110(E)	16	#5	21'-11"	U
a111(E)	8	#6	6'-6"	U
a112(E)	8	#5	27'-9"	U
d110(E)	8	#5	3'-9"	U
d111(E)	8	#4	5'-8"	U
h110(E)	12	#6	22'-1"	U
h111(E)	6	#6	26'-7"	U
X110(E)	51	#5	2'-2"	U
Concrete Removal			Cu. Yd.	17.0
Concrete Superstructure			Cu. Yd.	18.9
Reinforcement Bars, Epoxy Coated			Pound	1,490

LEGEND



Concrete Removal



Bridge Deck Scarification, 3/4"

* After 1/4" Diamond Grinding

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E ABUTMENT JOINT REPLACEMENT - EASTBOUND (SHEET 2 OF 2)
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64T43				

SHEET SA-12 OF SA-29 SHEETS

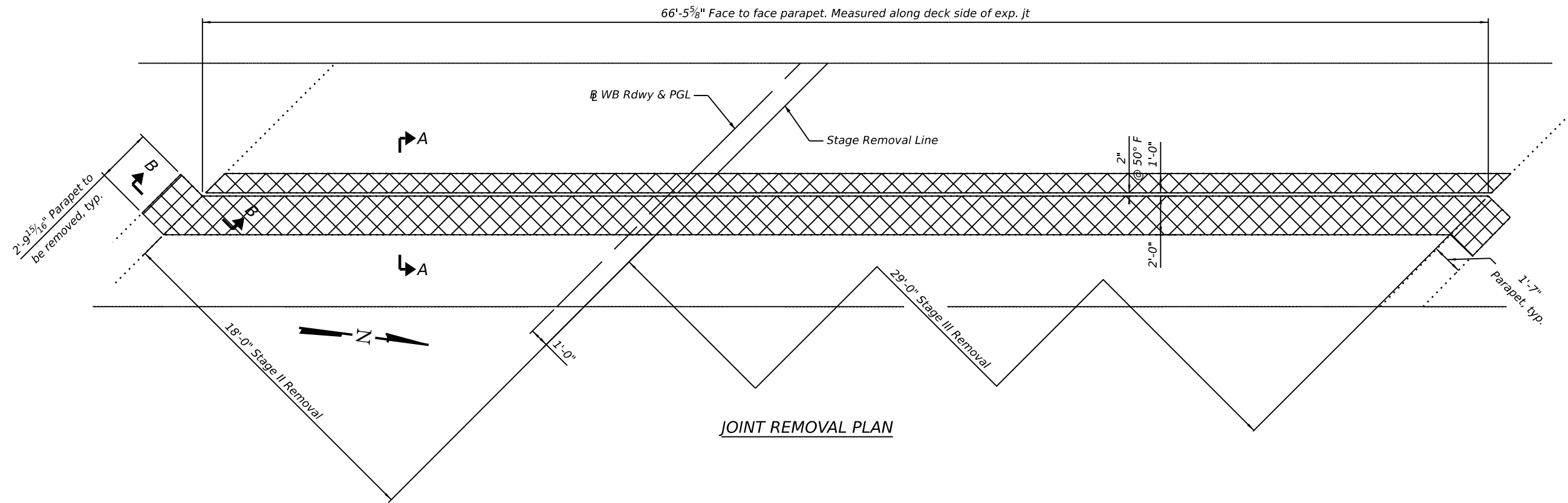
ILLINOIS FED. AID PROJECT

Farnsworth
GROUP

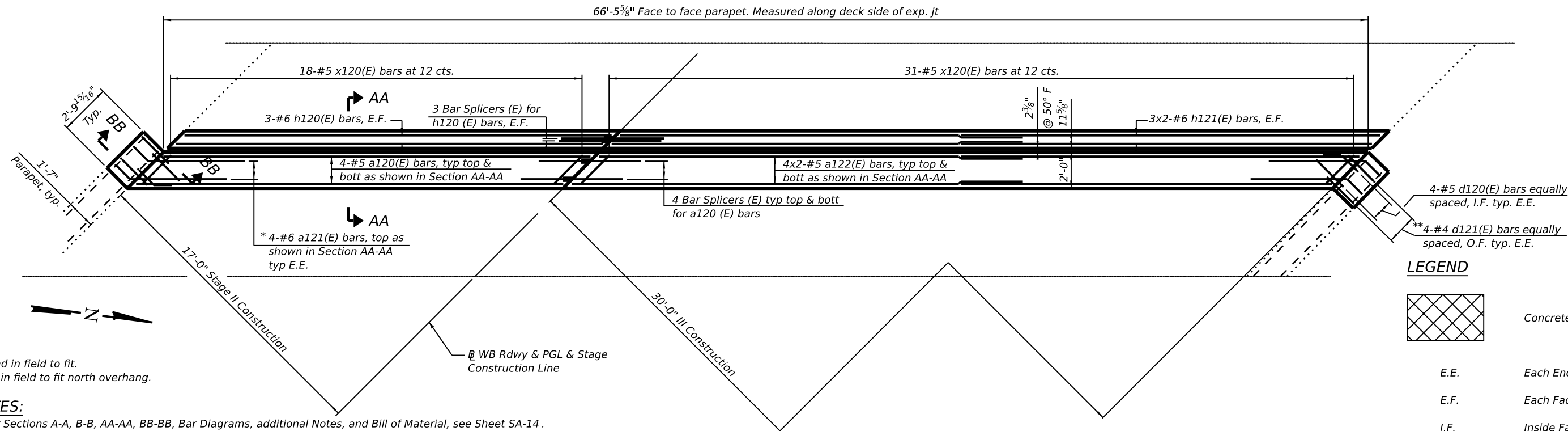
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DOT D24P18 2164032 W0 2104 Date: 5/1/2026



JOINT REMOVAL PLAN



JOINT RECONSTRUCTION PLAN

MINIMUM BAR LAP

#5 bar = 3'-5"
#6 bar = 4'-10"

LEGEND



Concrete Removal

E.E. Each End
E.F. Each Face
I.F. Inside Face
O.F. Outside Face

* Bend in field to fit.
** Cut in field to fit north overhang.

NOTES:

- For Sections A-A, B-B, AA-AA, BB-BB, Bar Diagrams, additional Notes, and Bill of Material, see Sheet SA-14.
- Removal and disposal of the existing expansion joint is included with Concrete Removal.
- Bars indicated thus 4 x 2-#5 etc. indicates 4 lines of bars with 2 lengths per line.



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CHECKED	- MA
PLOT SCALE	= \$SCALE\$
PLOT DATE	= 5/1/2026

DESIGNED	- MA
CHECKED	- MA
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CHECKED	- WWM

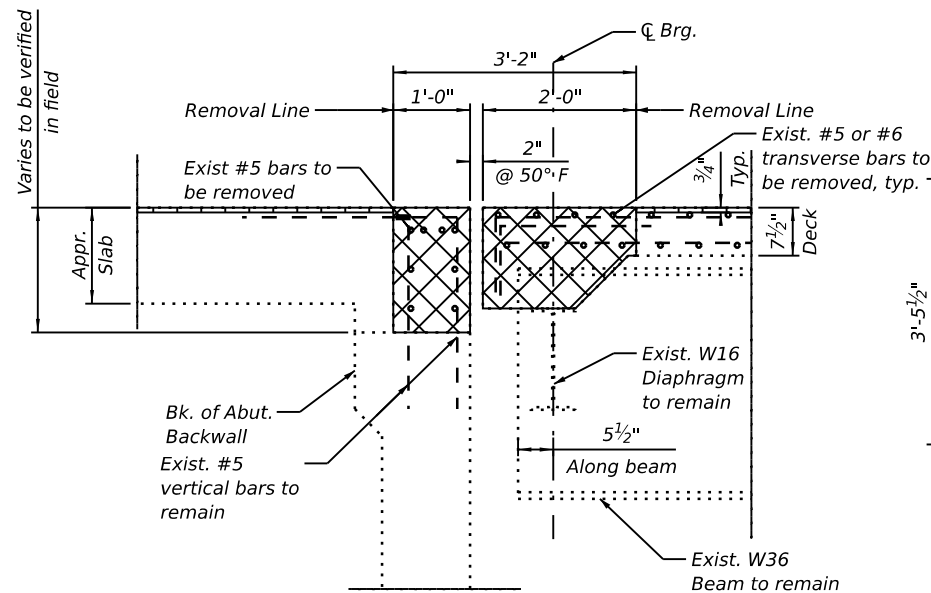
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

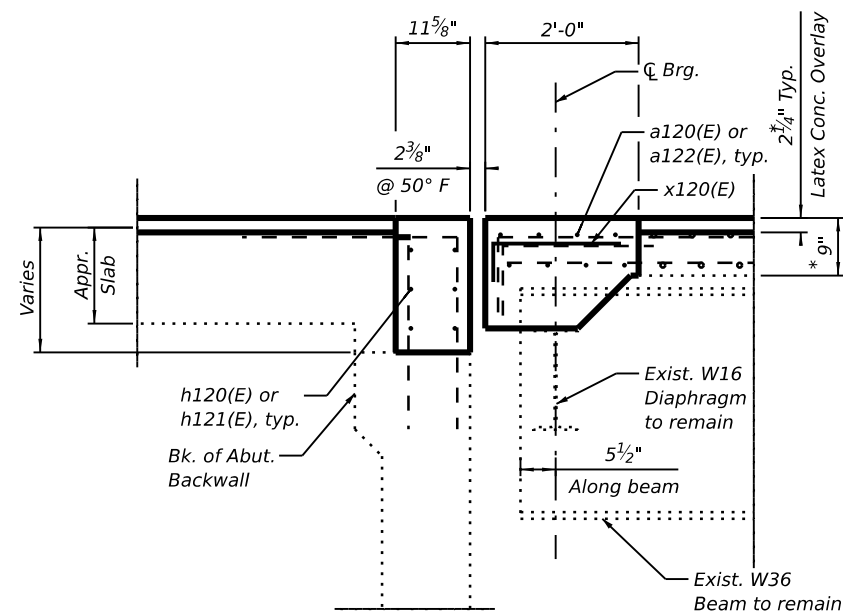
W ABUTMENT JOINT REPLACEMENT - WESTBOUND (SHEET 1 OF 2)
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SHEET SA-13 OF SA-29 SHEETS

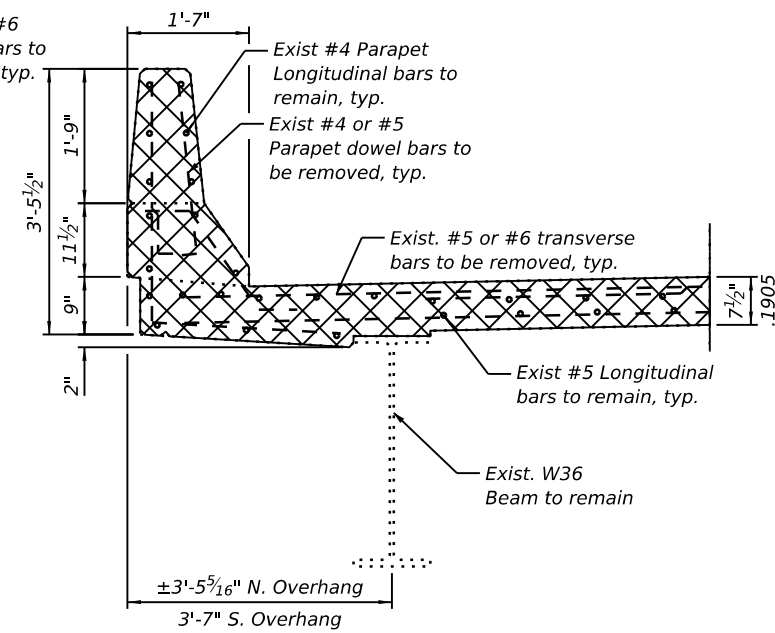
FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



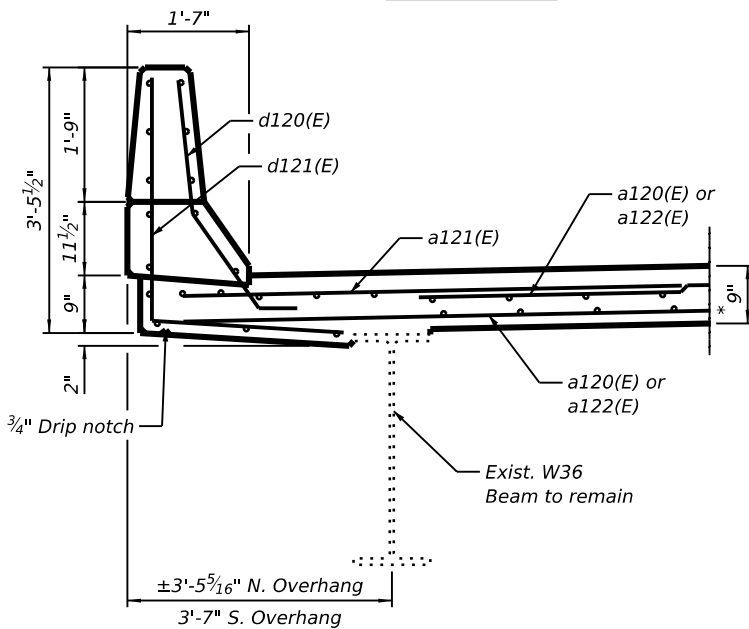
SECTION A-A



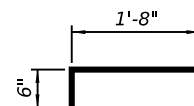
SECTION AA-AA



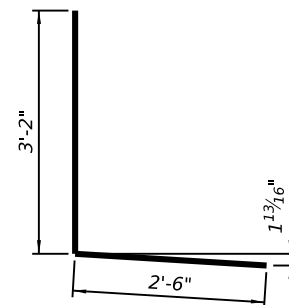
SECTION B-B



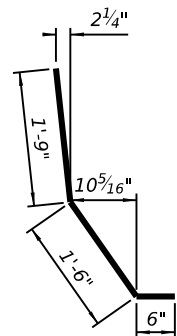
SECTION BB-BB



BAR x120(E)



BAR d121(E)



BAR d120(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a120(E)	8	#5	24'-11"	
a121(E)	8	#6	6'-6"	
a122(E)	16	#5	23'-5"	
d120(E)	8	#5	3'-9"	
d121(E)	8	#4	5'-8"	
h120(E)	6	#6	23'-9"	
h121(E)	12	#6	23'-6"	
X120(E)	49	#5	2'-2"	
Concrete Removal			Cu. Yd.	17.0
Concrete Superstructure			Cu. Yd.	18.9
Reinforcement Bars, Epoxy Coated			Pound	1,490

LEGEND



Concrete Removal



Bridge Deck Scarification, 3/4"

* After 1/4" Diamond Grinding



USER NAME = alobak88	DESIGNED - MA	REVISED -
CHECKED - MA	REVISED -	
PLOT SCALE = \$SCALE\$	DRAWN - MA	REVISED -
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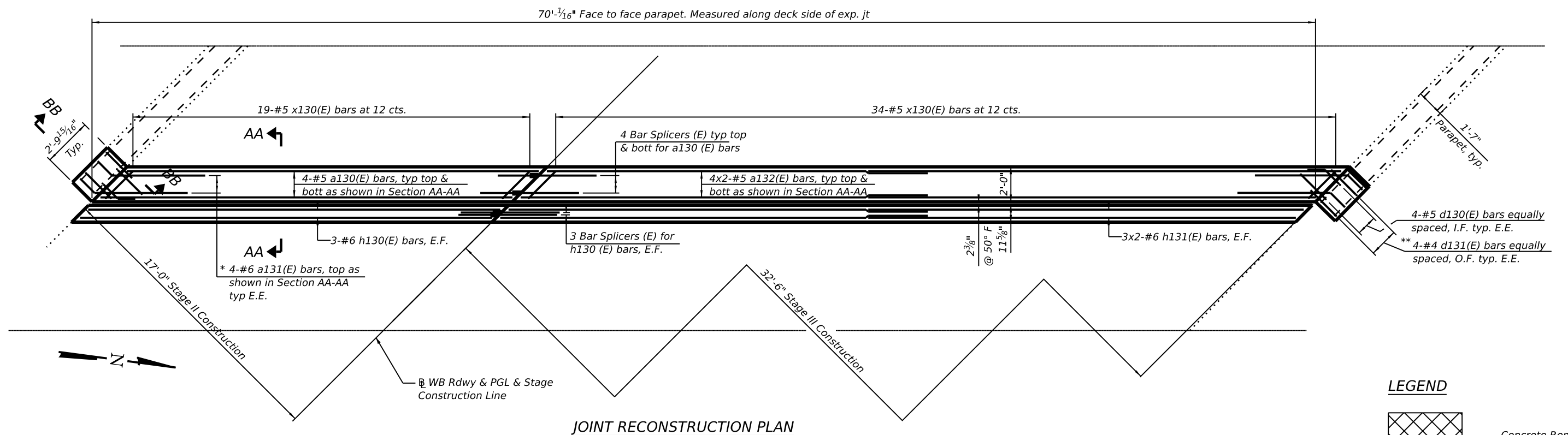
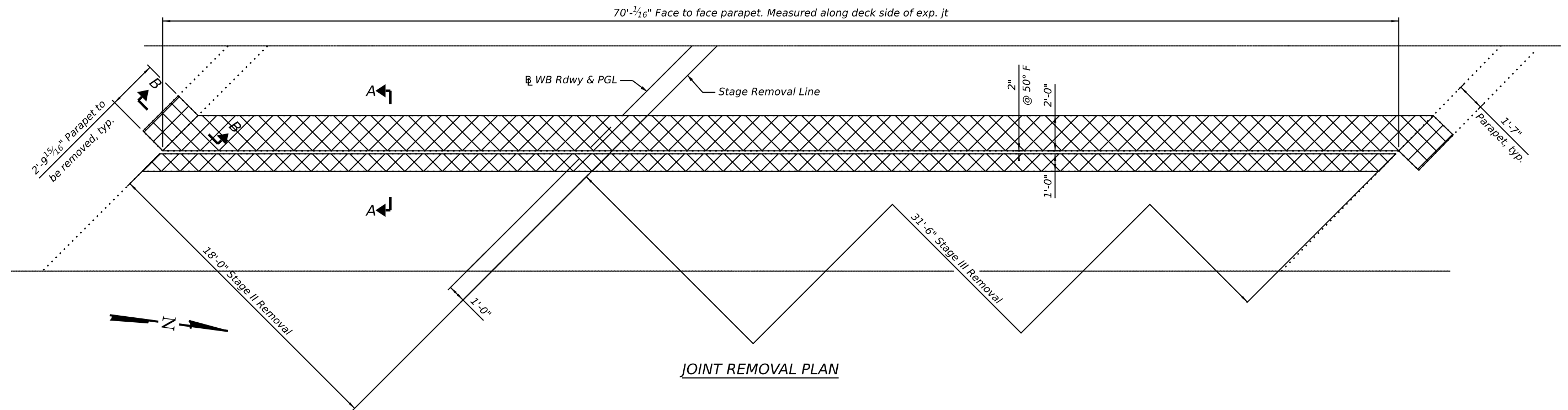
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

W ABUTMENT JOINT REPLACEMENT - WESTBOUND (SHEET 2 OF 2)
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SHEET SA-14 OF SA-29 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-(3-1,4,5,6)RS&D & 37-3HBR	HENRY	169	63
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

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NOTES:

1. For Sections A-A, B-B, AA-AA, BB-BB, Bar Diagrams, additional Notes, and Bill of Material, see Sheet SA-16.
2. Removal and disposal of the existing expansion joint is included with Concrete Removal.
3. Bars indicated thus 4 x 2-#5 etc. indicates 4 lines of bars with 2 lengths per line.
- * Bend in field to fit.
- ** Cut in field to fit north overhang.

MINIMUM BAR LAP

#5 bar = 3'-5"
#6 bar = 4'-10"

LEGEND



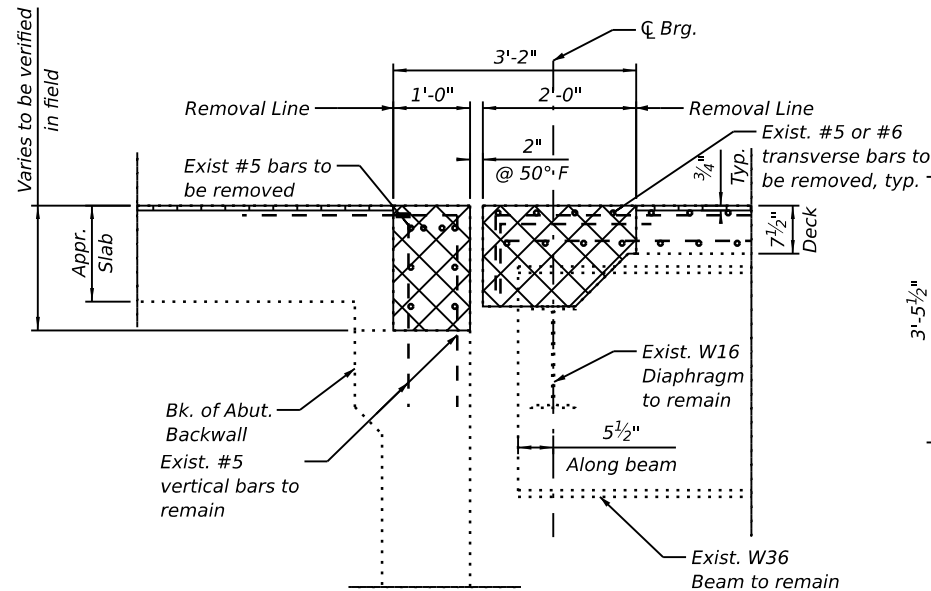
Concrete Removal

E.E. Each End

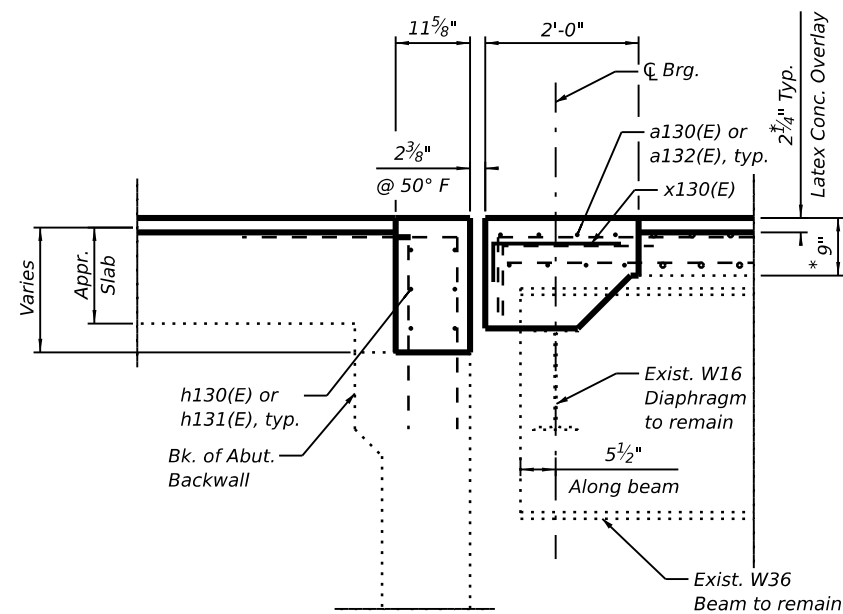
E.F. *Each Face*

I.F. Inside Face

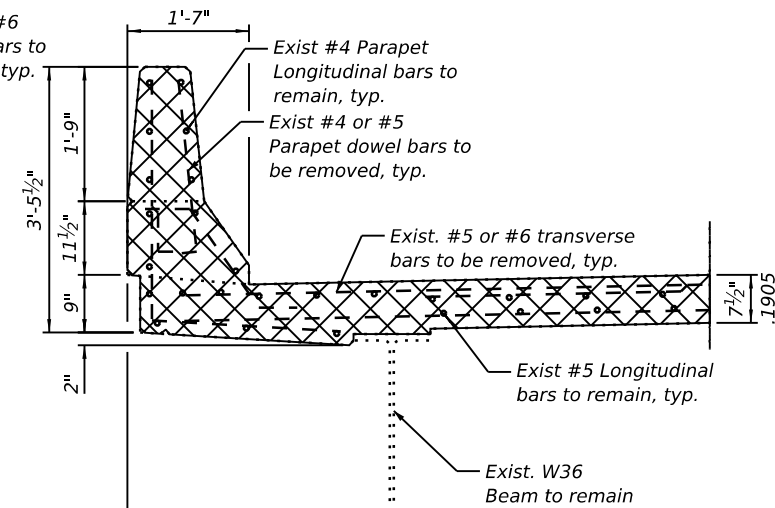
O.F. Outside Face



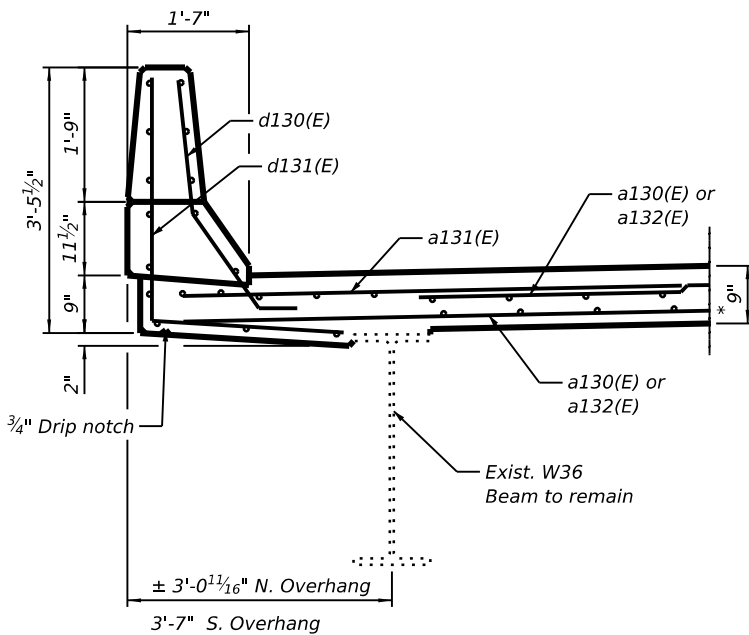
SECTION A-A



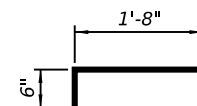
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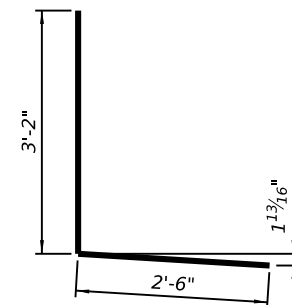
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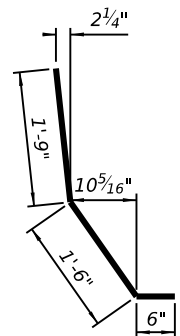
SECTION BB-BB



BAR x130(E)



BAR d131(E)



BAR d130(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a130(E)	8	#5	24'-11"	
a131(E)	8	#6	6'-6"	
a132(E)	16	#5	25'-1"	
d130(E)	8	#5	3'-9"	
d131(E)	8	#4	5'-8"	
h130(E)	6	#6	23'-9"	
h131(E)	12	#6	25'-3"	
X130(E)	53	#5	2'-2"	
Concrete Removal			Cu. Yd.	17.9
Concrete Superstructure			Cu. Yd.	19.9
Reinforcement Bars, Epoxy Coated			Pound	1,560

LEGEND



Concrete Removal



Bridge Deck Scarification, 3/4"

* After 1/4" Diamond Grinding



USER NAME = alobak88	DESIGNED - MA	REVISED -
CHECKED - MA	REVISED -	
PLOT SCALE = \$SCALE\$	DRAWN - MA	REVISED -
PLOT DATE = 5/1/2026	CHECKED - WWM	REVISED -

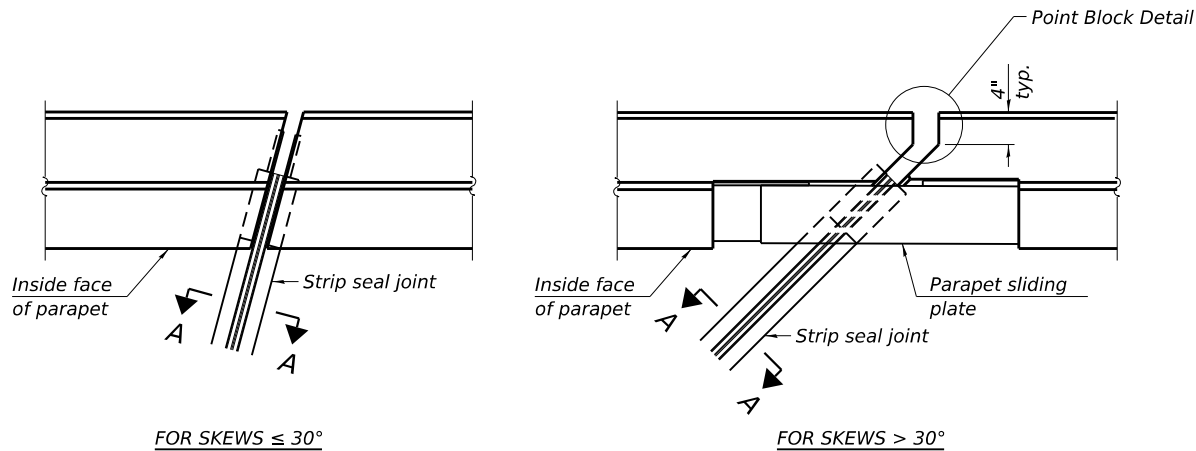
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E ABUTMENT JOINT REPLACEMENT - WESTBOUND (SHEET 2 OF 2)
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

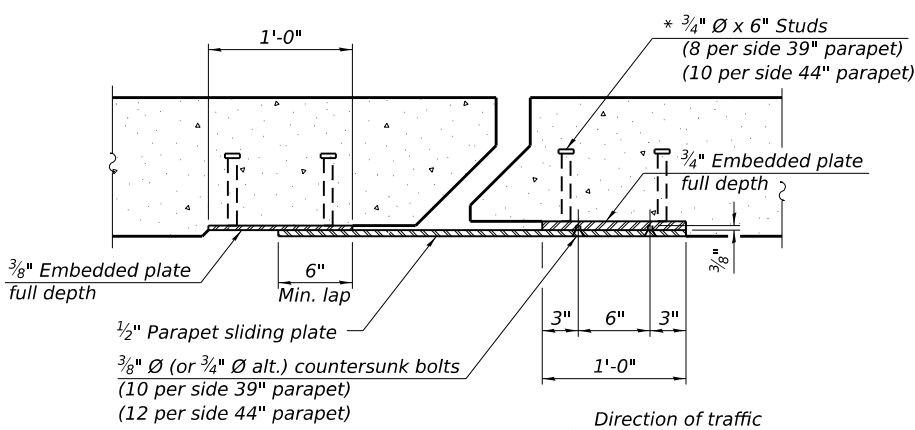
SHEET SA-16 OF SA-29 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-(3-1,4,5,6)RS&D & 37-3HBR	HENRY	169	65
CONTRACT NO. 64T43				

ILLINOIS FED. AID PROJECT

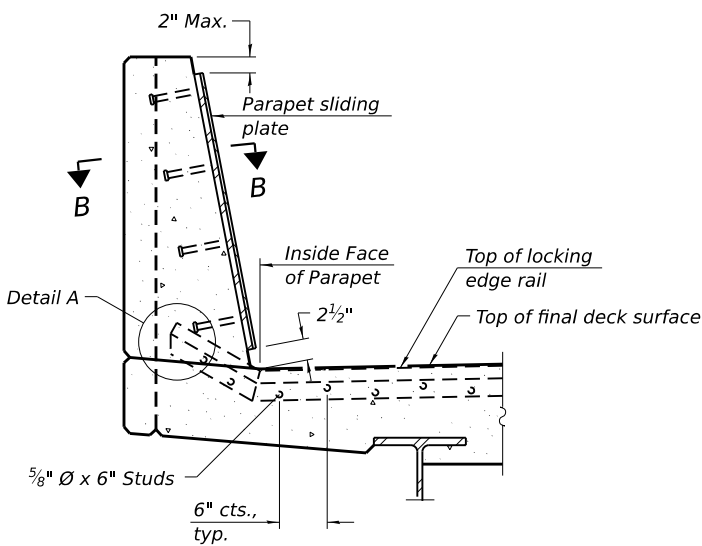


PLAN AT PARAPET



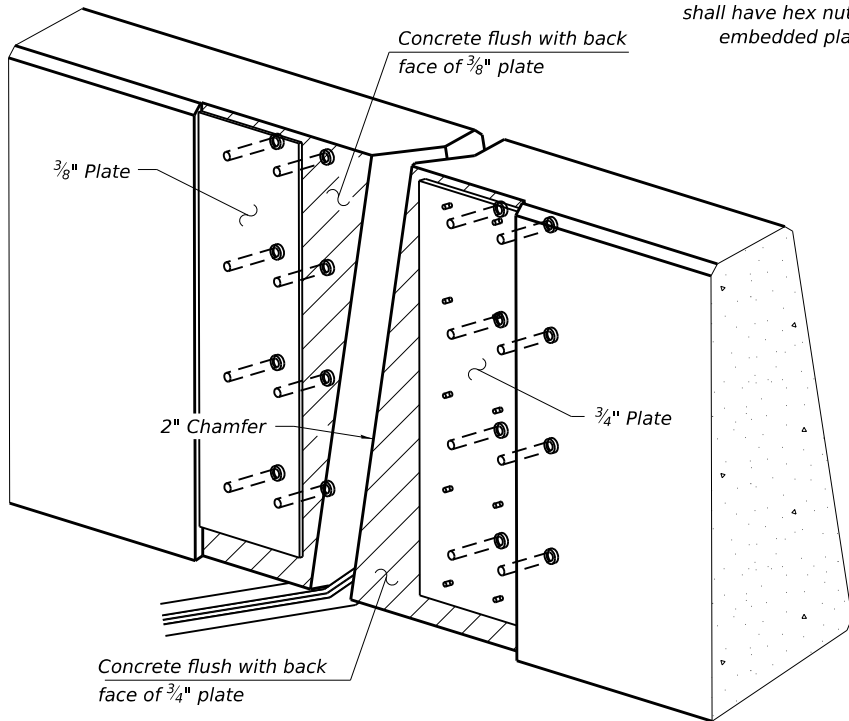
SECTION B-B

(3/4" Ø countersunk bolts extending into concrete shall have hex nuts tack welded to the back of the embedded plates with end caps provided.)



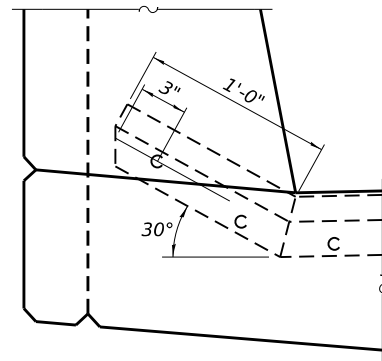
SECTION AT PARAPET

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



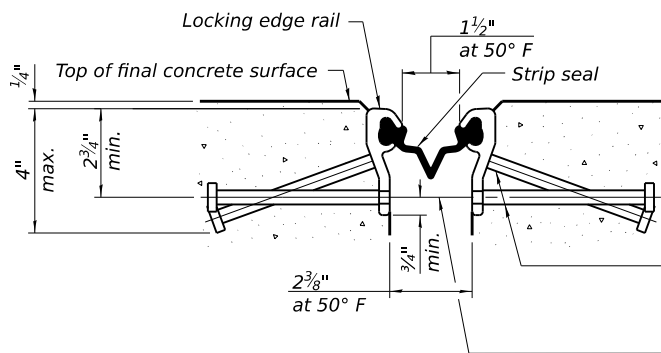
TRIMETRIC VIEW

(Showing embedded plates only)



DETAIL A

(Kick-up at parapet locations shown. See sheet of for kick-up at curb locations.)



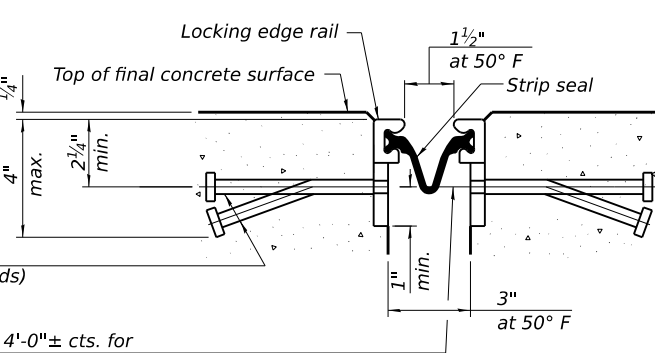
SHOWING ROLLED RAIL JOINT

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

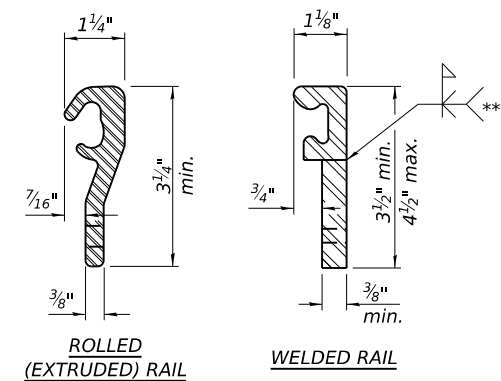
3/8" Ø threaded rods in 7/16" Ø holes at 4'-0" ± cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates within 90 minutes after concrete is set.

SECTION A-A

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

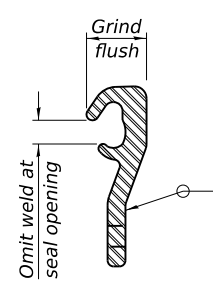


SHOWING WELDED RAIL JOINT



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	278

EJ-SS

10-3-2025

Farnsworth GROUP

USER NAME	= rasfahant
PLOT SCALE	= \$\$SCALE\$
PLOT DATE	= 8/7/2026

DESIGNED	-	MA
CHECKED	-	MA
DRAWN	-	MA
CHECKED	-	WWM

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SHEET SA-17 OF SA-29 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-(3-1,4,5,6)RS&D & 37-3HBR	HENRY	169	66
CONTRACT NO. 64T43				
ILLINOIS FED.AID PROJECT				

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8/7/2026 4:29:16 PM



Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less than 5 inches)	Sq. Ft.	1
Concrete Sealer	Sq. Ft.	675
Epoxy Crack Injection	Foot	57

1. *The repair areas shown are estimated based on field inspections conducted in February 2026. The actual repair areas required shall be verified according to the special provisions.*
2. *Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of the abutments and wingwalls.*

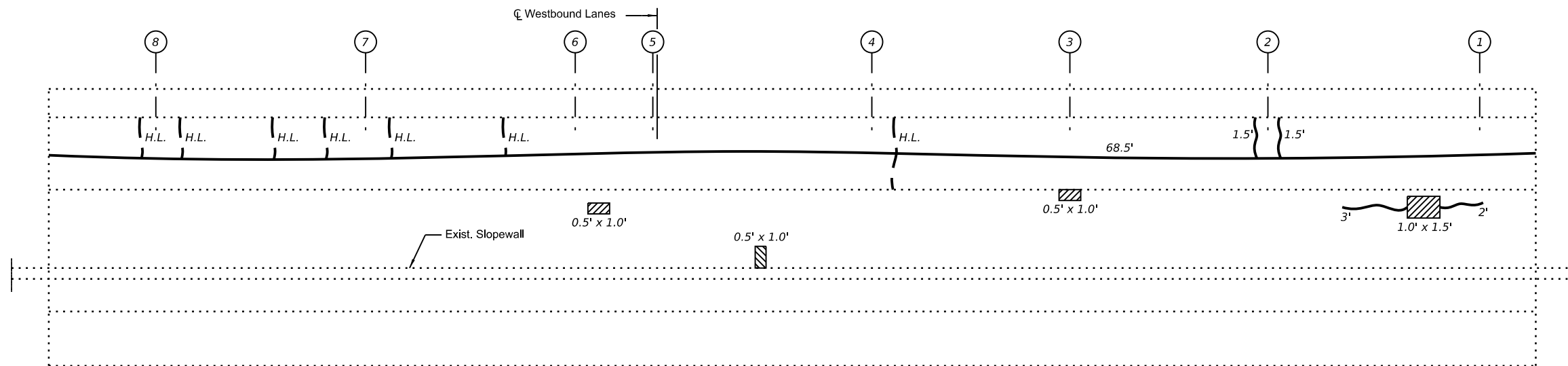
The diagram illustrates two repair methods. The first method, 'Structural Repair of Concrete (Depth Equal or less than 5 inches)', is represented by a square area filled with diagonal hatching. The second method, 'Epoxy Crack Injection', is represented by a wavy line labeled 'L.F.' (likely for 'Load Factor' or 'Load Factor') above it.



Item	Unit	Total
Concrete Sealer	Sq. Ft.	675
Epoxy Crack Injection	Foot	65

1. *The repair areas shown are estimated based on field inspections conducted in February 2026. The actual repair areas required shall be verified according to the special provisions.*
2. *Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of the abutments and wingwalls.*

L.F.
Epoxy Crack Injection



WEST ABUTMENT ELEVATION
(Looking West)



SOUTHWEST WINGWALL ELEVATION



NORTHWEST WINGWALL ELEVATION

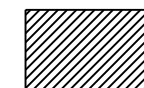
BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less than 5 inches)	Sq. Ft.	3
Concrete Sealer	Sq. Ft.	708
Epoxy Crack Injection	Foot	77

NOTES

1. The repair areas shown are estimated based on field inspections conducted in February 2026. The actual repair areas required shall be verified according to the special provisions.
2. Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of the abutments and wingwalls.

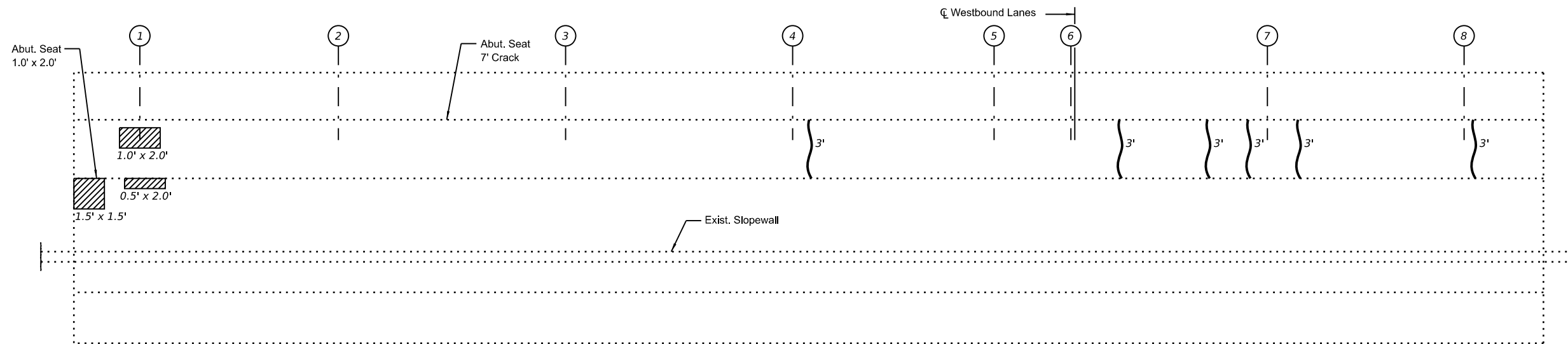
LEGEND



Structural Repair of Concrete (Depth Equal or less than 5 inches)



- *Epoxy Crack Injection*



EAST ABUTMENT ELEVATION
(Looking East)



NORTHEAST WINGWALL ELEVATION

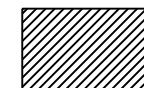


SOUTHEAST WINGWALL ELEVATION

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less than 5 inches)	Sq. Ft.	6
Concrete Sealer	Sq. Ft.	704
Epoxy Crack Injection	Foot	18

LEGEND



Structural Repair of Concrete (Depth Equal or less than 5 inches)



- *Epoxy Crack Injection*

- ## NOTES
- 1. The repair areas shown are estimated based on field inspections conducted in February 2026. The actual repair areas required shall be verified according to the special provisions.*
 - 2. Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of the abutments and wingwalls.*

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less than 5 inches)	Sq. Ft.	3
Concrete Sealer	Sq. Ft.	1,520



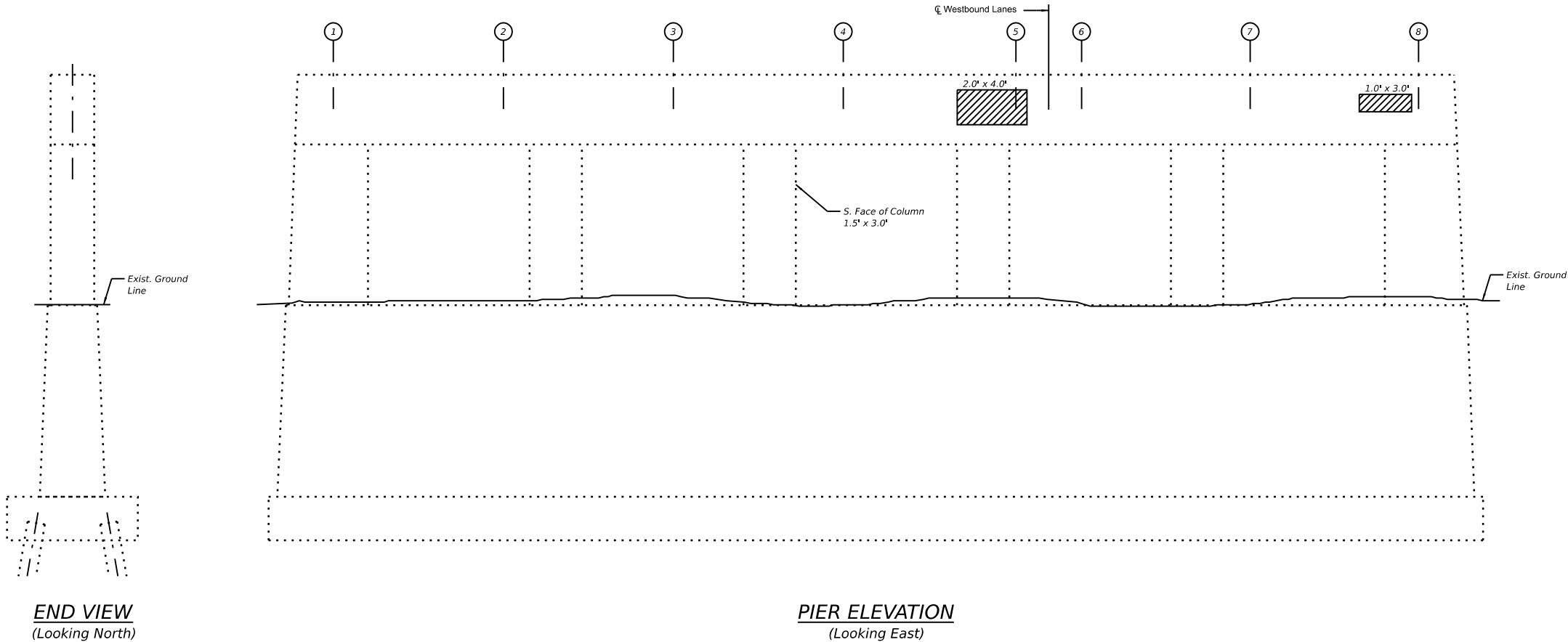
1. The repair areas shown are estimated based on field inspections conducted in February 2026. The actual repair areas required shall be verified according to the special provisions.
2. Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of the abutments and wingwalls.

 Structural Repair of Concrete (Depth Equal or less than 5 inches)

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5/1/2026 3:19:39 PM

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less than 5 inches)	Sq. Ft.	20
Concrete Sealer	Sq. Ft.	1,387



NOTES

1. The repair areas shown are estimated based on field inspections conducted in Februray 2026. The actual repair areas required shall be verified according to the special provisions.
2. Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of the abutments and wingwalls.

LEGEND

	Structural Repair of Concrete (Depth Equal or less than 5 inches)
--	---



USER NAME = alobak88	DESIGNED - MA	REVISED -
CHECKED - MA	CHECKED - MA	REVISED -
PLOT SCALE = \$\$SCALE\$	DRAWN - MA	REVISED -
PLOT DATE = 5/1/2026	CHECKED - WWM	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

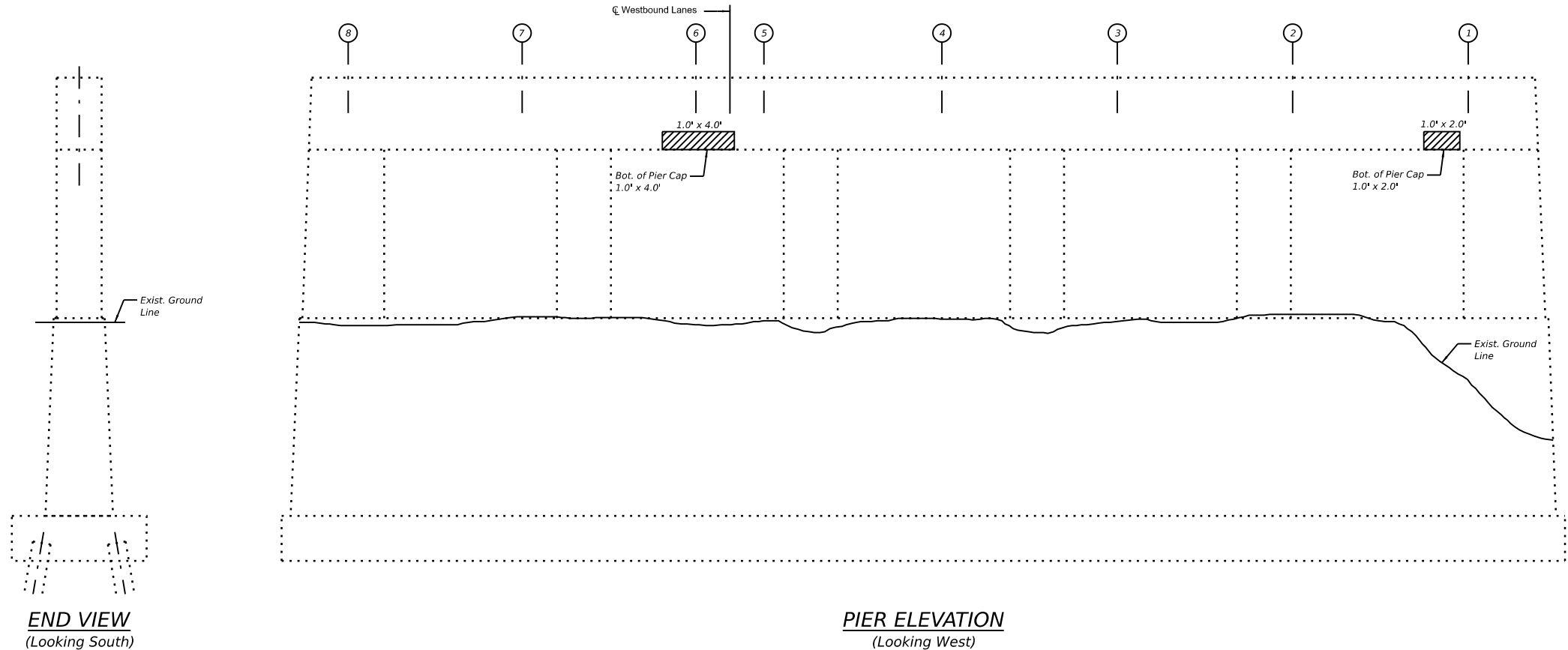
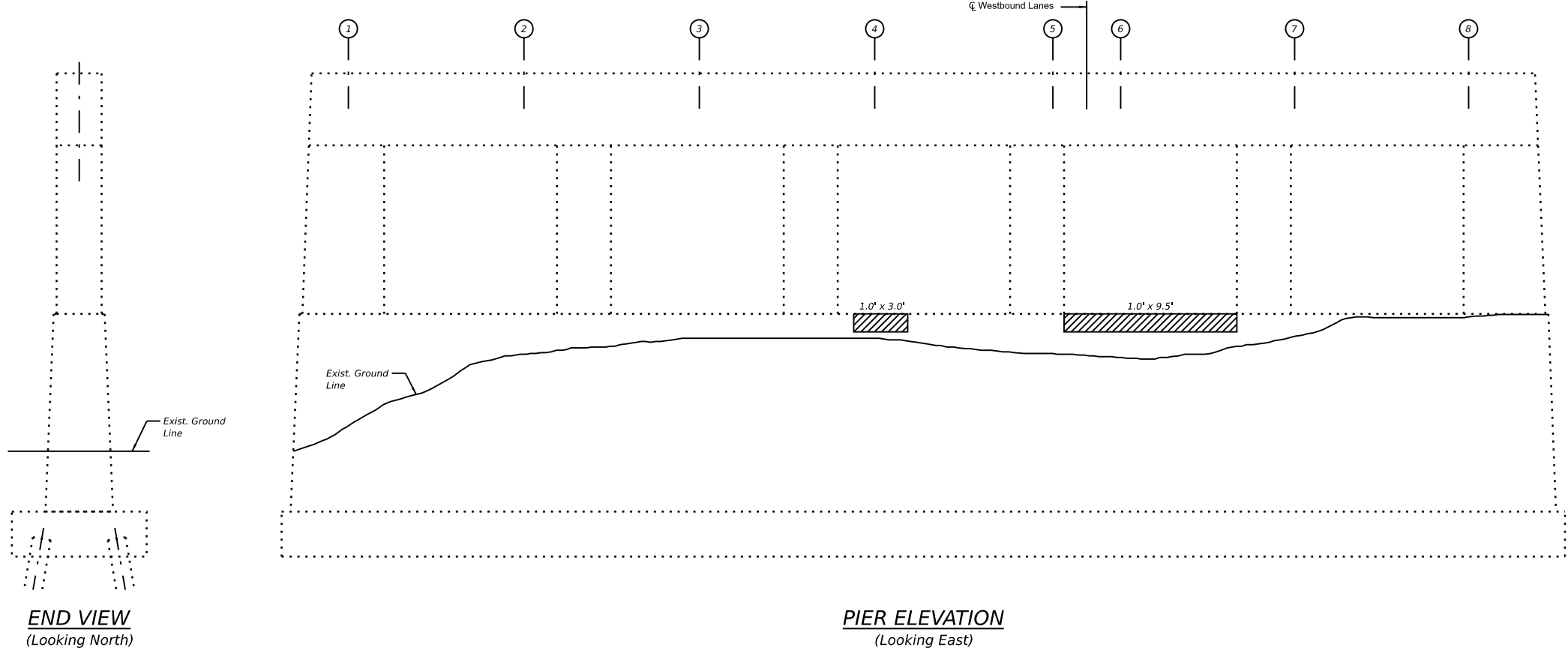
PIER 1 REPAIRS - WESTBOUND
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SHEET SA-24 OF SA-29 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-(3-1,4,5,6)RS&D & 37-3HBR	HENRY	169	73
CONTRACT NO. 64T43				
ILLINOIS FED.AID PROJECT				

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less than 5 inches)	Sq. Ft.	25
Concrete Sealer	Sq. Ft.	1,562



NOTES

- The repair areas shown are estimated based on field inspections conducted in Februray 2026. The actual repair areas required shall be verified according to the special provisions.
- Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of the abutments and wingwalls.

LEGEND

 Structural Repair of Concrete (Depth Equal or less than 5 inches)



USER NAME	= alobak88
DESIGNED	- MA
CHECKED	- MA
PLOT SCALE	= \$\$SCALE\$
PLOT DATE	= 5/1/2026
DRAWN	- MA
CHECKED	- WWM

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

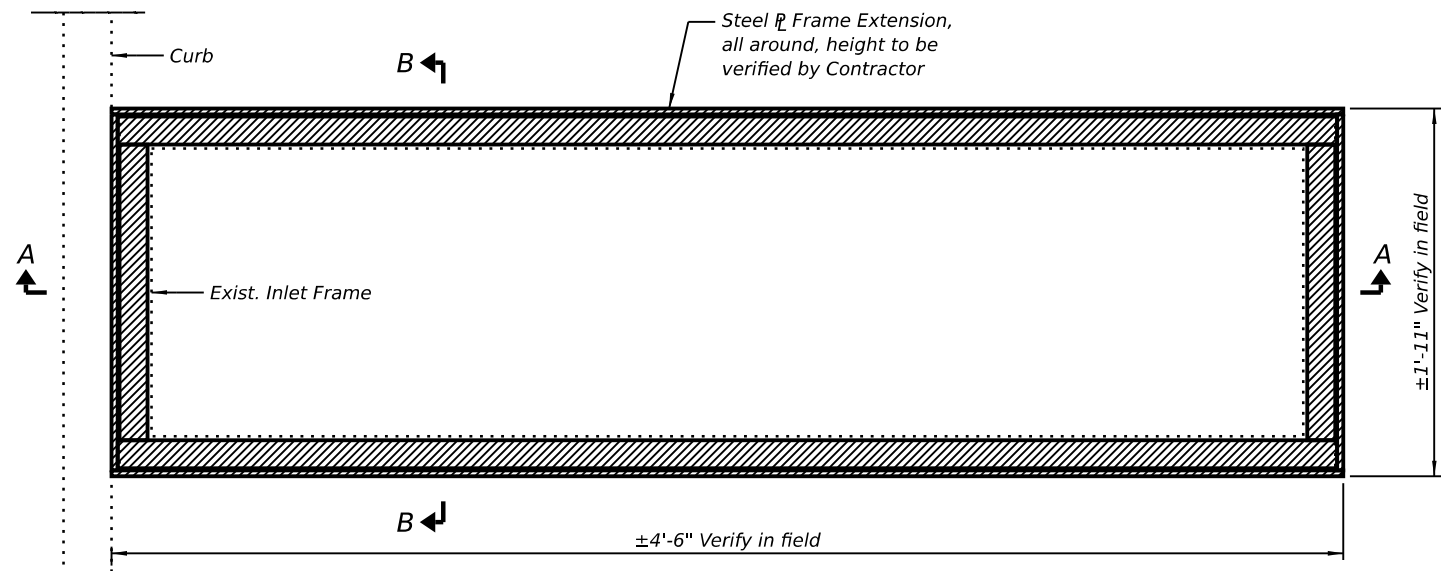
PIER 2 REPAIRS - WESTBOUND
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SHEET SA-25 OF SA-29 SHEETS

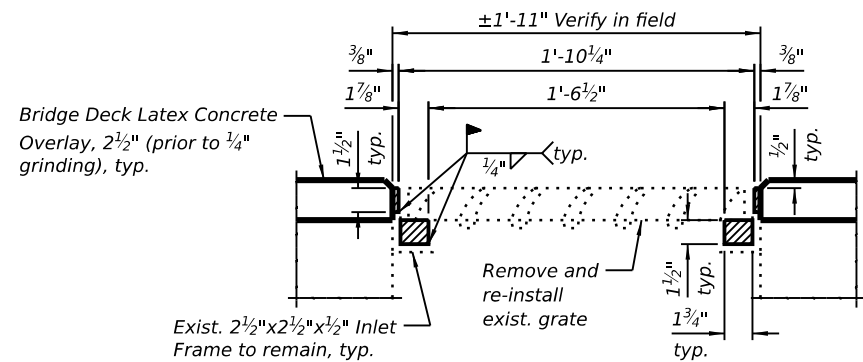
F&I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64T43				

ILLINOIS FED. AID PROJECT

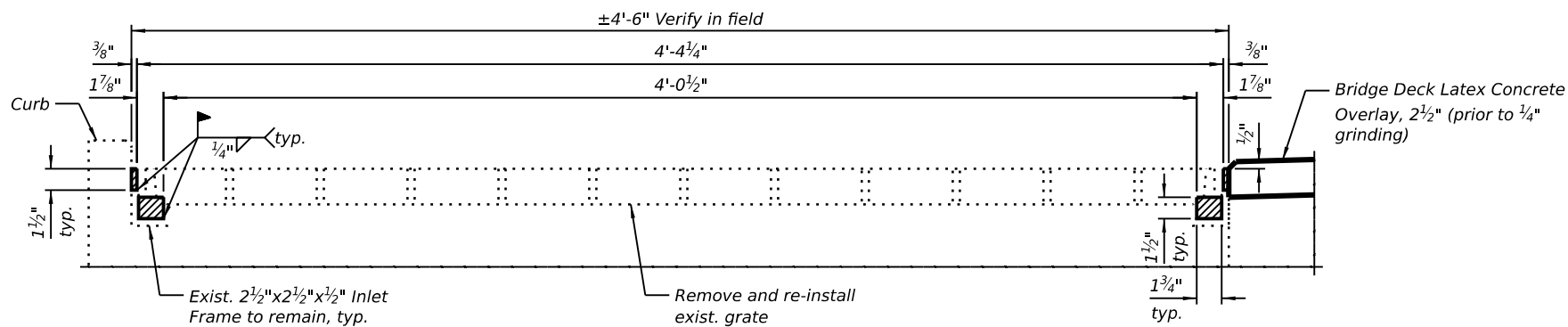
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PLAN
(Exist. grate not shown for clarity)



SECTION B-B



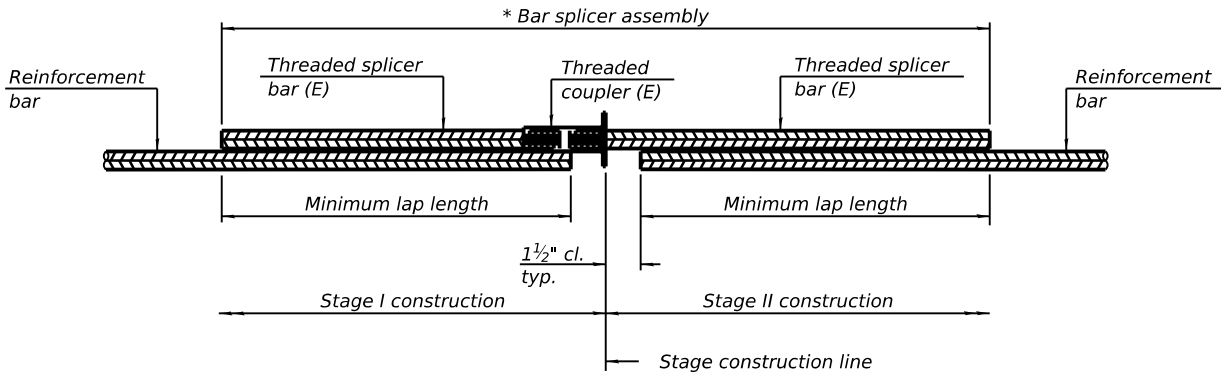
SECTION A-A

LEGEND

 Steel $\mathbb{R}$ Frame Extension

NOTES:

1. All structural steel shall conform to AASHTO Classification M-270 Gr. 36. The adjusting inlet ring shall be galvanized.
2. Shop drawings for proposed Steel $\mathbb{R}$ Frame Extension shall be submitted for approval prior to fabrication.
3. Contractor shall ensure that no damage is done to existing grates to be reused.
4. Cost of all labor and materials necessary to remove existing grates, clean existing inlets, install Steel $\mathbb{R}$ Frame Extensions and reinstall grates is included in the cost per unit each for Frames and Grates to be Adjusted.



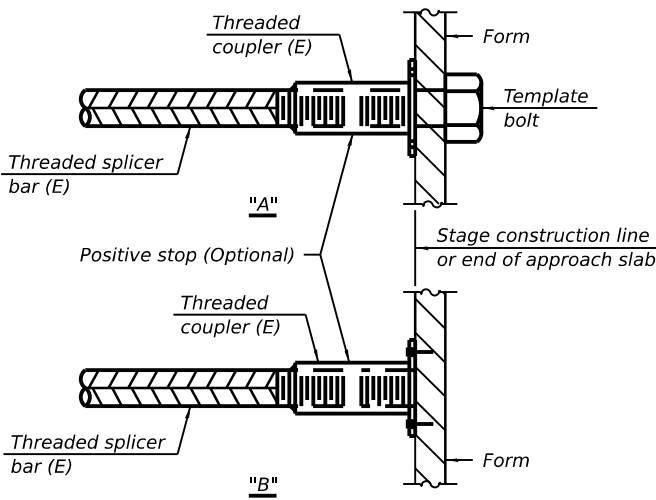
STANDARD BAR SPLICER ASSEMBLY PLAN

Only bar splicer assemblies as presented on the approved QPL list may be used.

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

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

Location	Bar size	No. assemblies required	Minimum lap length
EB W. Abut. Exp. Jt.	#5	8	3'-5"
EB W. Abut. Exp. Jt.	#6	6	4'-10"
EB E. Abut. Exp. Jt.	#5	8	3'-5"
EB E. Abut. Exp. Jt.	#6	6	4'-10"
WB W. Abut. Exp. Jt.	#5	8	3'-5"
WB W. Abut. Exp. Jt.	#6	6	4'-10"
WB E. Abut. Exp. Jt.	#5	8	3'-5"
WB E. Abut. Exp. Jt.	#6	6	4'-10"

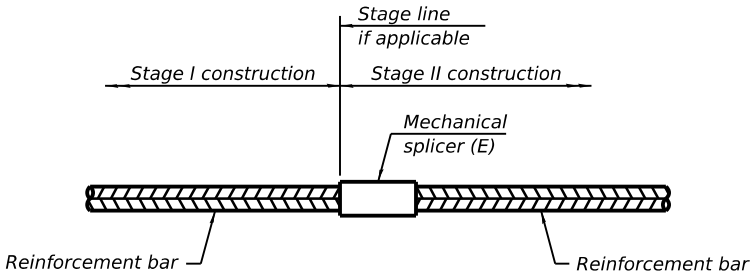


INSTALLATION AND SETTING METHODS

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

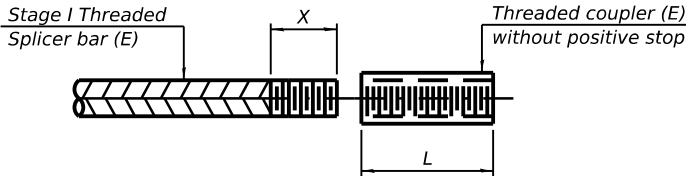
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



THREADING OF ASSEMBLIES

The threaded length "X" shall be no more than L/2. The bar should be tightened until 0-1 thread(s) is/are exposed.

Notes:
Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
All reinforcement shall be lapped and tied to the splicer bars.
Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

4-4-2025



USER NAME = alobak88	DESIGNED - MA	REVISED -
	CHECKED - MA	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - MA	REVISED -
PLOT DATE = 5/1/2026	CHECKED - WWM	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

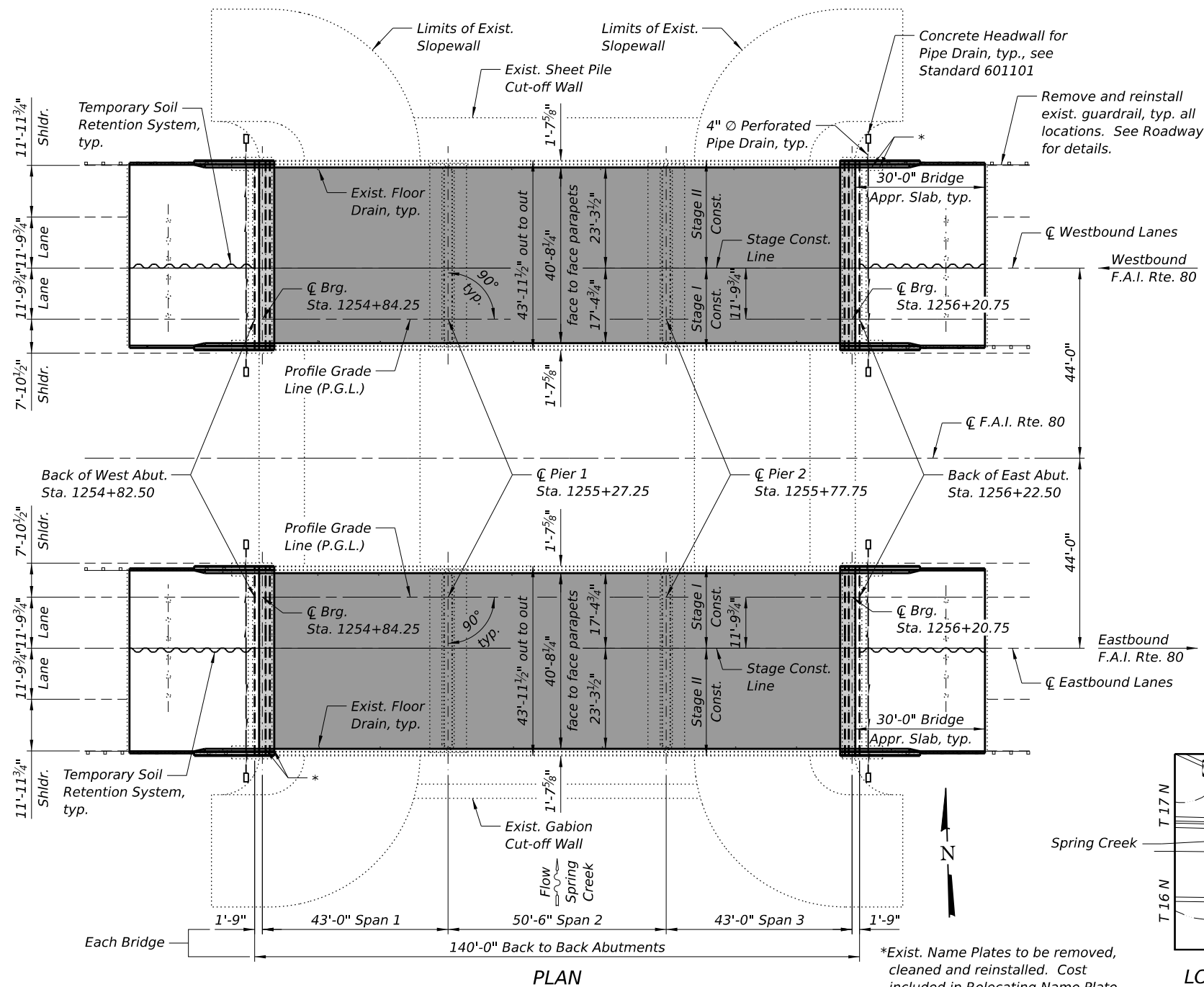
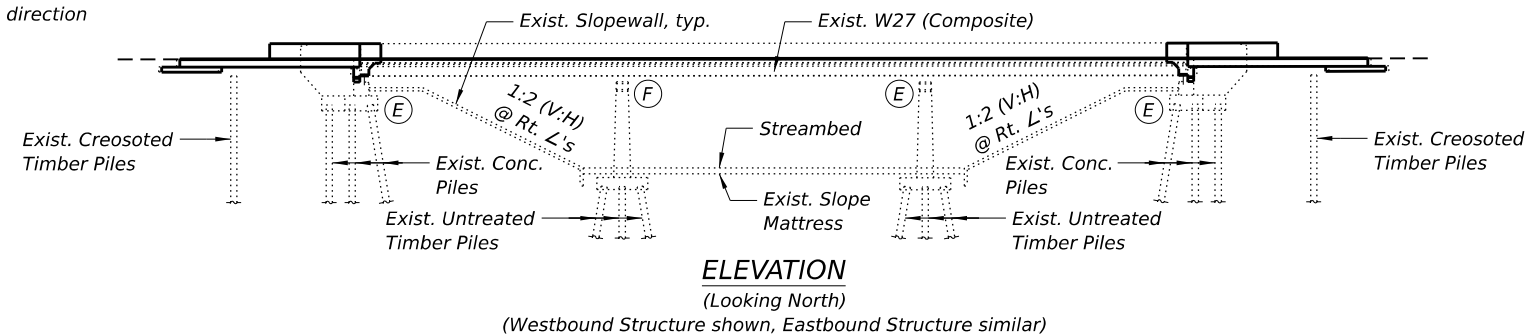
BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
STRUCTURE NO. 037-0035 (E.B.) & 037-0036 (W.B.)

SHEET SA-29 OF SA-29 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-(3-1,4,5,6)RS&D & 37-3HBR	HENRY	169	78
CONTRACT NO. 64T43				
ILLINOIS FED.AID PROJECT				

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No Salvage.



DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications
for Highway Bridges

EXISTING DESIGN STRESSES

FIELD UNITS (1961):

$f_c = 3,500 \text{ psi}$
 $f_y = 60,000 \text{ psi}$ (Reinforcement)
 $f_y = 50,000 \text{ psi}$ (Structural Steel, M270 Gr. 50)
 $f_y = 36,000 \text{ psi}$ (Structural Steel, M270 Gr. 36)

FIELD UNITS (2004):

$f'_c = 3,500 \text{ psi}$
 $f_y = 60,000 \text{ psi (Reinforcement)}$

PROPOSED DESIGN STRESSES

FIELD UNITS:

$f'_c = 4,000 \text{ psi}$
 $f_y = 60,000 \text{ psi}$ (Reinforcement)
 $f_y = 50,000 \text{ psi}$ (Structural Steel)

LOADING HS20-44 & ALT. MILITARY

SCOPE OF WORK

- 1.) Scarification of bridge decks.
- 2.) Perform deck and concrete parapet repairs as shown.
- 3.) Replace bearings at abutments.
- 4.) Remove and replace bridge approach slabs.
- 5.) Convert existing stub abutments to semi-integral abutments.
- 6.) Repair concrete abutments and piers.
- 7.) Application of latex concrete overlay to bridge decks, perform diamond
- 8.) grinding, longitudinal bridge deck grooving, and apply protective coat.

INDEX OF SHEETS

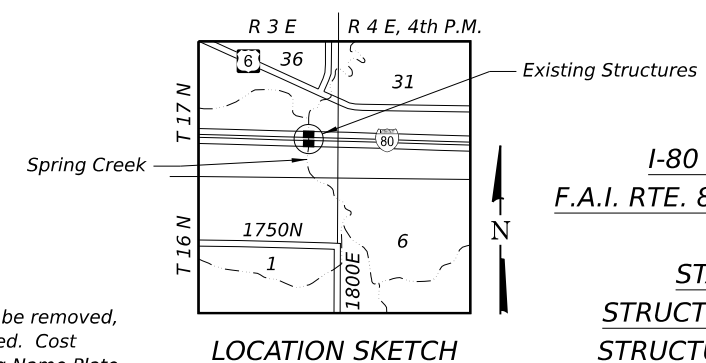
<u>SHEET NO.</u>	<u>TITLE</u>
SB-01	GENERAL PLAN AND ELEVATION
SB-02-SB-03	GENERAL DATA AND MISCELLANEOUS DETAILS
SB-04	STAGE CONSTRUCTION DETAILS
SB-05	TEMPORARY SOIL RETENTION SYSTEM
SB-06	TEMPORARY CONCRETE BARRIER
SB-07	DECK SLAB REPAIRS
SB-08	DECK SLAB REPAIRS - AS BUILT
SB-09-SB-10	PARAPET REPAIR DETAILS
SB-11-SB-12	STRUCTURE REMOVAL DETAILS
SB-13-SB-14	DIAPHRAGMS
SB-15-SB-16	SUPERSTRUCTURE DETAILS
SB-17-SB-18	BRIDGE APPROACH SLAB DETAILS
SB-19	PREFORMED JOINT STRIP SEAL
SB-20-SB-21	ABUTMENT REPAIR DETAILS
SB-22	BEARING DETAILS
SB-23-SB-26	PIER REPAIR DETAILS
SB-27-SB-28	SLOPE WALL REPAIR PLAN AND DETAILS
SB-29	BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS

LEGEND

-  Limits of Bridge Deck Scarification $\frac{3}{4}$ ",
Bridge Deck Latex Concrete Overlay, $2\frac{1}{2}$ ",
and $\frac{1}{4}$ " Diamond Grinding
-  Limits of Bridge Deck Latex Concrete
Overlay, $2\frac{1}{2}$ " and $\frac{1}{4}$ " Diamond Grinding



A. RAMI ASFAHANI, S.E. DATE: 08/07/2026
 LICENSE EXPIRES 11 / 30 / 2026
 SHEET RANGE SB-01 THRU SB-29



I-80 OVER SPRING CREEK
F.A.I. RTE. 80 - SEC. (37-(3-1,4,5,6))BRR
HENRY COUNTY
STATION 1255+52.50
STRUCTURE NO. 037-0039 (E.B.)
STRUCTURE NO. 037-0040 (W.B.)

	USER NAME = rasfahani	DESIGNED - EMW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - RA	REVISED -			80	(37-(3-1,4,5,6))BRR	HENRY	169	79
		DRAWN - DJM	REVISED -			CONTRACT NO. 64T43				
	PLOT DATE = 8/10/2026	CHECKED - RA	REVISED -			SCALE:	SHEET SB-01 OF SB-29 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

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TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Concrete Removal	Cu. Yd.	115.9
Structure Excavation	Cu. Yd.	334
Concrete Structures	Cu. Yd.	52.9
Concrete Superstructure	Cu. Yd.	75.3
Protective Coat	Sq. Yd.	1,827
Concrete Superstructure (Approach Slab)	Cu. Yd.	241.9
Furnishing and Erecting Structural Steel	Pound	3,850
Reinforcement Bars, Epoxy Coated	Pound	111,110
Bar Splicers	Each	672
Preformed Joint Strip Seal	Foot	172
Elastomeric Bearing Assembly, Type I	Each	36
Anchor Bolts, 1"	Each	72
Temporary Soil Retention System	Sq. Ft.	240
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	5
Bridge Deck Scarification 3/4"	Sq. Yd.	1,185
Bridge Deck Latex Concrete Overlay, 2 1/2 Inches	Sq. Yd.	1,248
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	43
Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq. Ft.	3
Granular Backfill for Structures	Cu. Yd.	246
Concrete Sealer	Sq. Ft.	5,354
Epoxy Crack Injection	Foot	435
Geocomposite Wall Drain	Sq. Yd.	132
Concrete Headwalls For Pipe Drains	Each	8
Pipe Underdrains for Structures 4"	Foot	192
Acrylic Coating	Sq. Yd.	274
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	1,040
Bar Terminators	Each	340
Slope Wall Crack Sealing	Foot	153
Slope Wall Repair	Sq. Yd.	5
Drainage Scuppers to be Adjusted	Each	24
Jack and Remove Existing Bearings	Each	36
Approach Slab Removal	Sq. Yd.	571
Diamond Grinding (Bridge Section)	Sq. Yd.	1,615
Preformed Joint Filler	Foot	319
Relocating Name Plates	Each	4

GENERAL NOTES:

- Reinforcement bars designated (E) shall be epoxy coated.
- Plan dimensions and details relative to the existing structure have been taken from existing plans and are subject to nominal construction variations.
- The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- Existing reinforcement bars extending into the removal area shall be cleaned, straightened, and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system at the Contractor's expense.
- The Engineer shall show actual locations and size of deck repairs on As-Built plans.
- Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose detrimental foreign material shall be removed from the surfaces in contact with concrete (SSPC-SP3 standards). 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 paid for according to Article 109.04 of the Standard Specifications.
- Acrylic Coating shall only be applied to existing and new concrete areas along the top and inside vertical faces of the parapets.
- Protective Coat shall only be applied to new concrete areas, including the top surface of the Latex Concrete Overlay on the deck and approaches.
- Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of the abutments, wingwalls, diaphragms; and to all exposed faces of pier located below the top of the cap.
- If the analysis submitted by the Contractor for the jacking/temporary support system to be used shows temporary stiffeners are required to prevent web crippling or buckling, the stiffeners shall be steel and bolted to the web. If stiffeners are not required, hardwood timbers shall be installed tightly between the top and bottom flange to prevent flange rotation.
- Cost of removal and re-installation of all members necessary to complete the work as detailed on the plans and as specified in the Special Provisions shall be included with Furnishing and Erecting Structural Steel.
- All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.
- All new structural steel and bearing assemblies shall be hot-dip galvanized. See Special Provisions for Hot-Dip Galvanizing for Structural Steel.
- Quantity displayed in the Bill of Material for Deck Slab Repair (Full Depth, Type I) is not illustrated on the plans, but has been included to account for repairs that may be discovered.
- Removal of existing approach footing concrete shall be paid for as Concrete Removal.
- Contractor to design temporary shoring to support the cantilevered length of deck between beam lines 5 and 6 for S.N. 037-0040 and beam lines 13 and 14 for S.N. 037-0039 for Stage I traffic during Semi-Integral Abutment modification. To be left in place until the portion of the deck constructed in Stage II is open to traffic. Temporary shoring will not be measured for payment, but shall be included in the contract unit price for the associated work.
- Existing plans were drawn using Metric units. All dimensions have been converted to U.S. Survey Feet based on the existing Metric plans.
- The Contractor may request copies of existing construction plans that are currently on file with the Department. The request shall be in writing with the understanding that any reproduction cost will be at the Contractor's expense at no additional cost to the Department.
- The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
- Cleaning and field painting of structural steel shall be done under a separate painting contract.



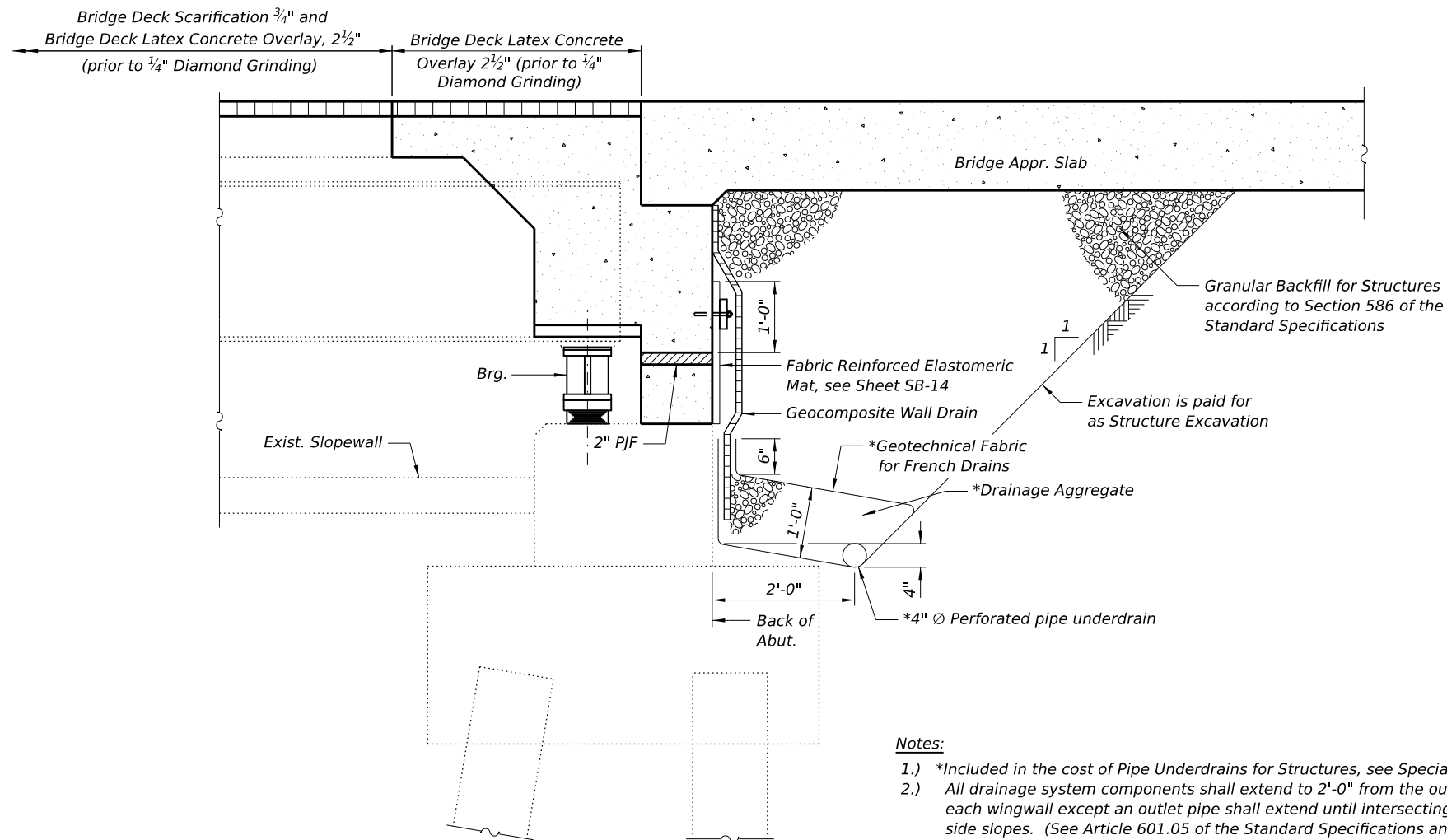
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	DRAWN - DJM	REVISED -
PLOT DATE = 8/10/2026	CHECKED - RA	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA AND MISCELLANEOUS DETAILS
STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

SCALE: SHEET SB-02 OF SB-29 SHEETS STA. TO STA.

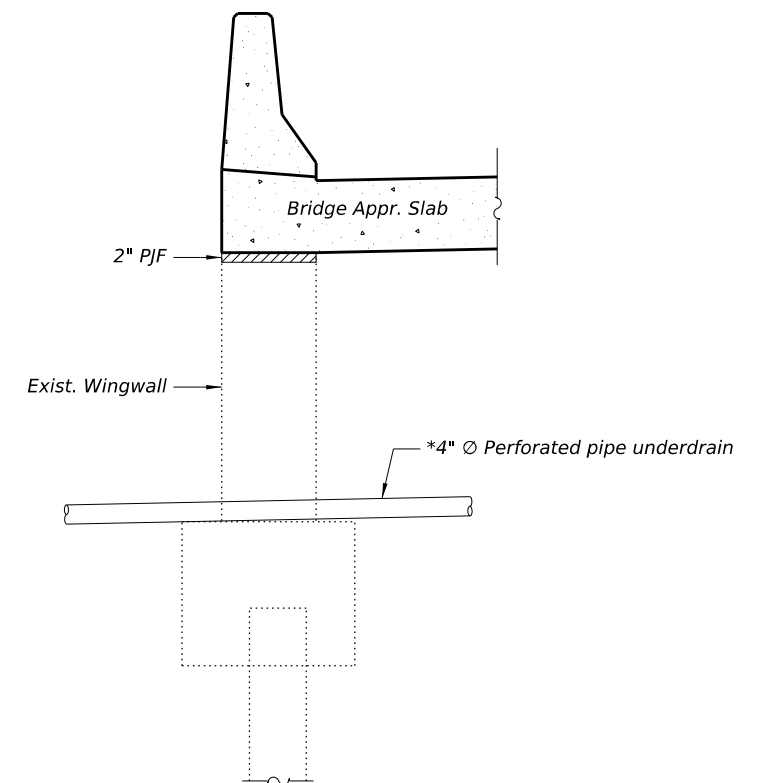
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



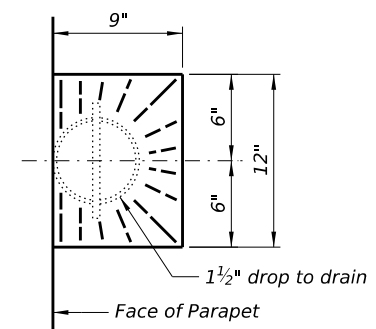
SECTION THRU SEMI-INTEGRAL ABUTMENT

Notes:

- 1.) *Included in the cost of Pipe Underdrains for Structures, see Special Provisions.
- 2.) All drainage system components shall extend to 2'-0" from the outside face of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).



SECTION THRU ABUTMENT WINGWALL



TOP PLAN EXISTING FLOOR DRAIN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA AND MISCELLANEOUS DETAILS
STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

SCALE: SHEET SB-03 OF SB-29 SHEETS STA. TO STA.

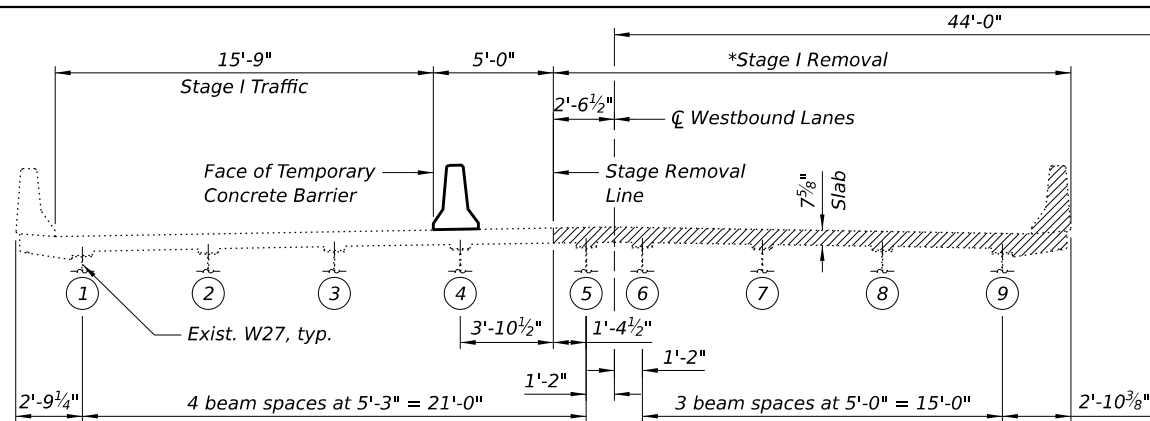
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CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

Farnsworth
GROUP

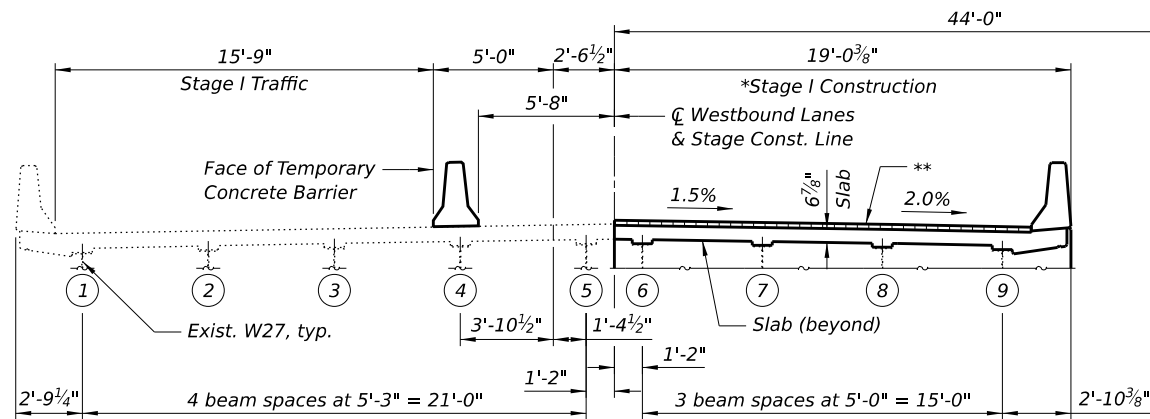
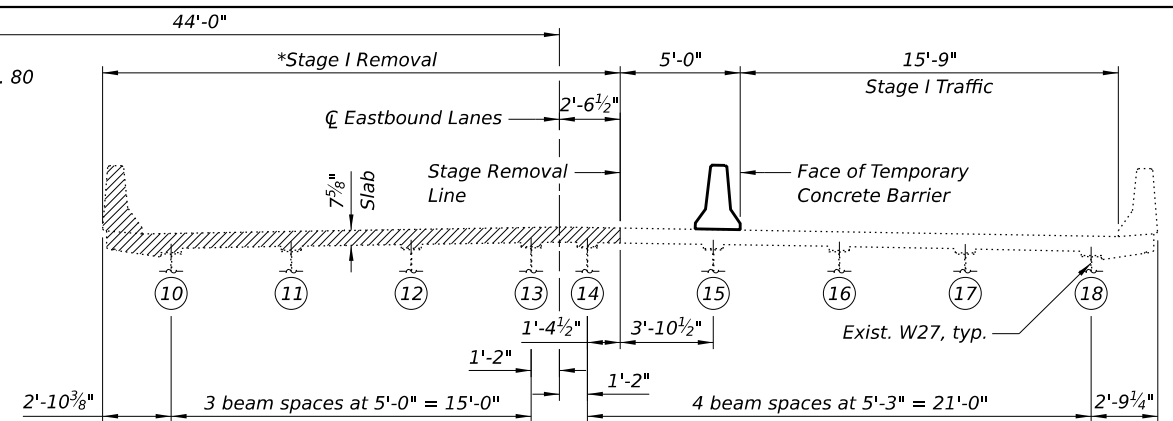
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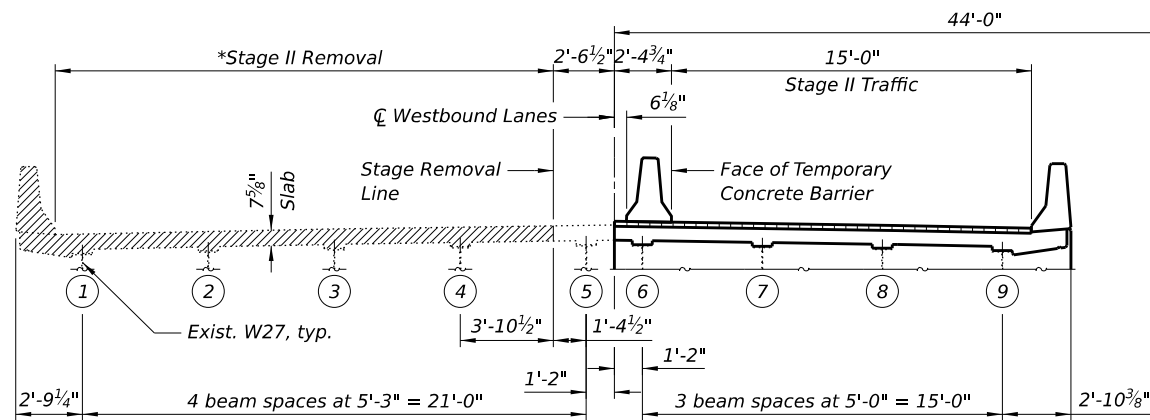
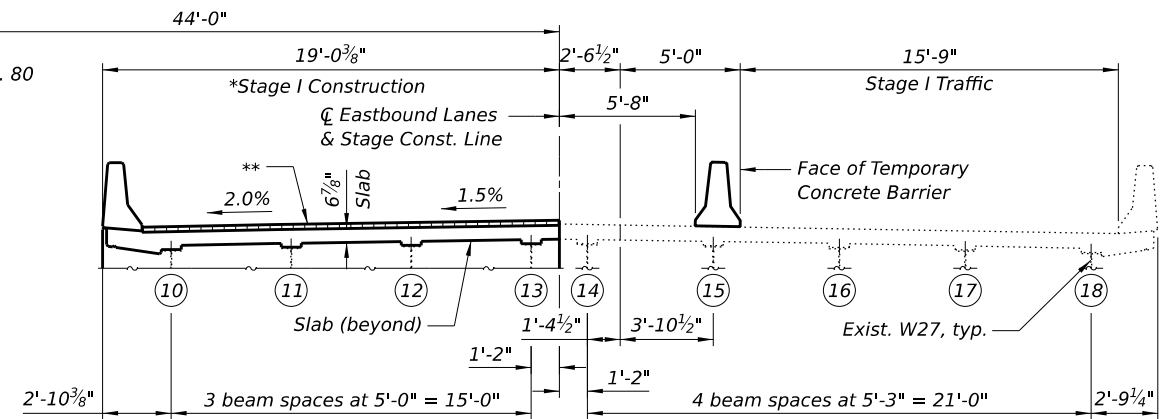
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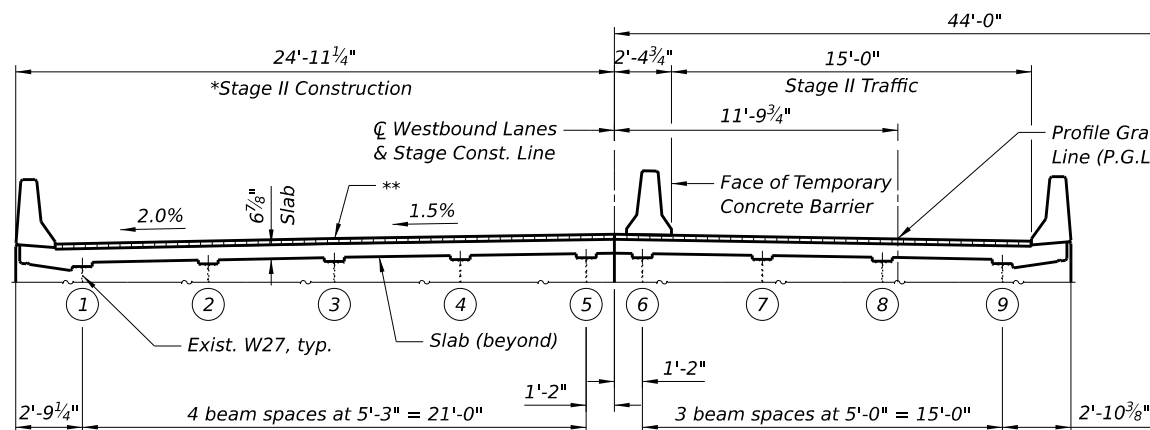
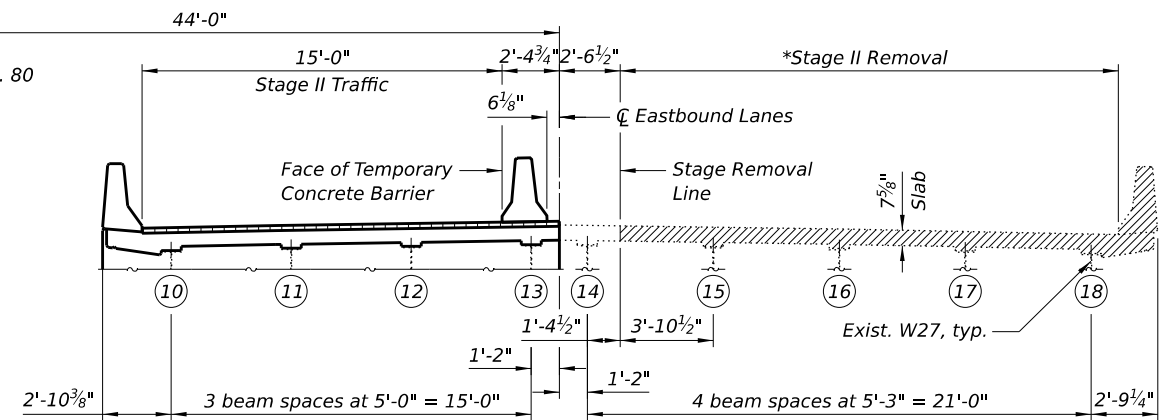
STAGE I REMOVAL
(Looking East, near abutment)



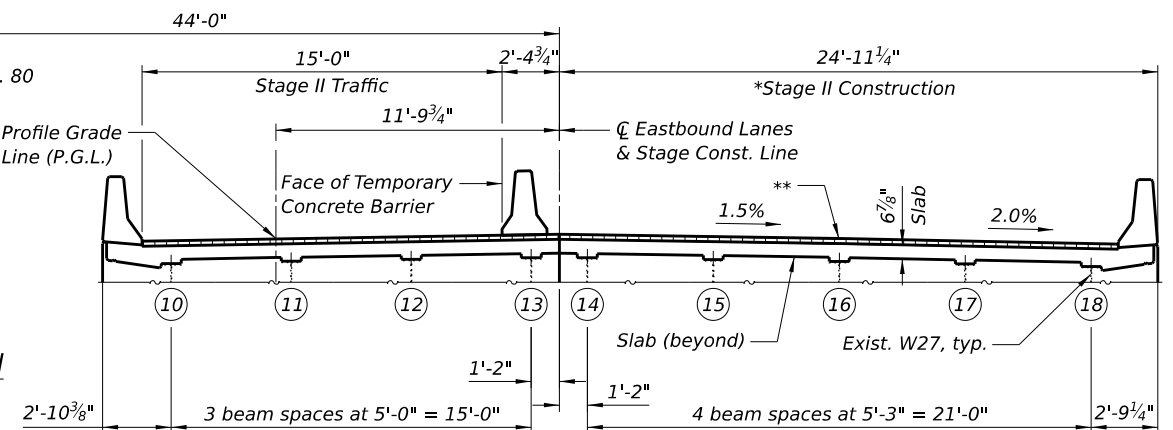
STAGE I CONSTRUCTION
(Looking East, near abutment)



STAGE II REMOVAL
(Looking East, near abutment)



STAGE II CONSTRUCTION
(Looking East, near abutment)



NOTES:

- 1.) *Stage Removal & Construction for Semi-Integral Abutment modification and Bridge Deck Overlay. See Diaphragm Details for limits of construction.
- 2.) See Sheet SB-06 for Temporary Concrete Barrier. See Roadway Plans for quantity.
- 3.) **Bridge Deck Scarification 3/4" and Bridge Deck Latex Concrete Overlay, 2 1/2" (prior to 3/4" Diamond Grinding).

LEGEND



Superstructure Removal



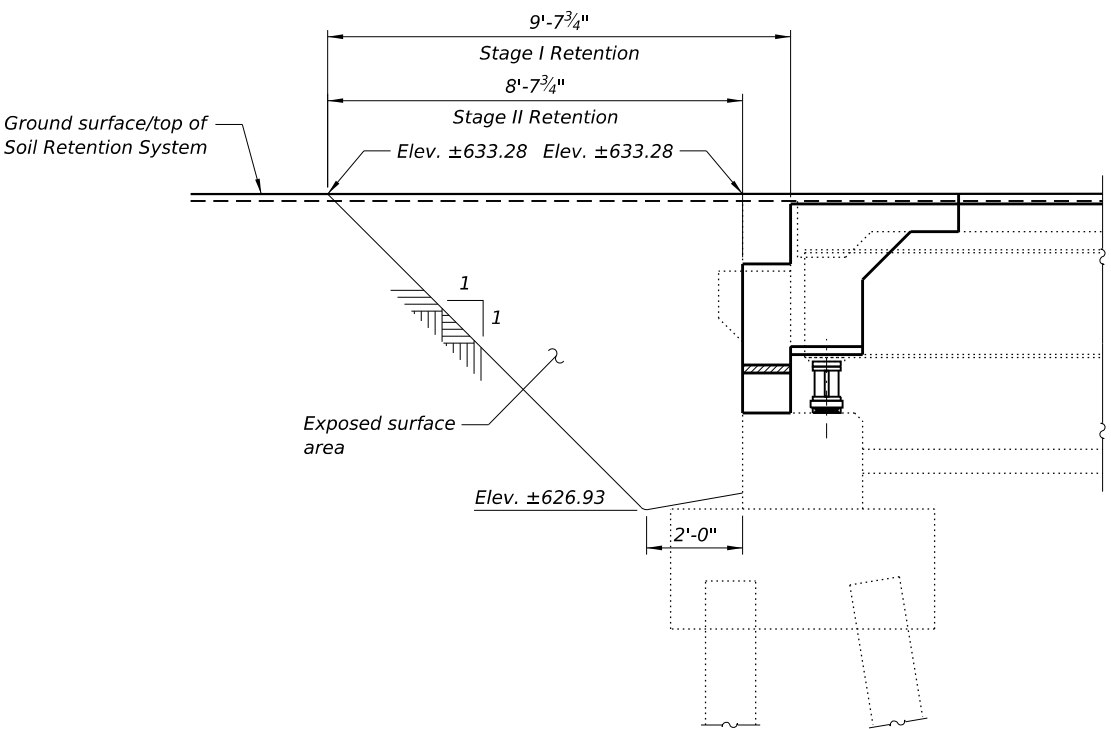
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	DRAWN - DJM	REVISED -
PLOT DATE = 5/1/2026	CHECKED - RA	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

SCALE: SHEET SB-04 OF SB-29 SHEETS STA. TO STA.

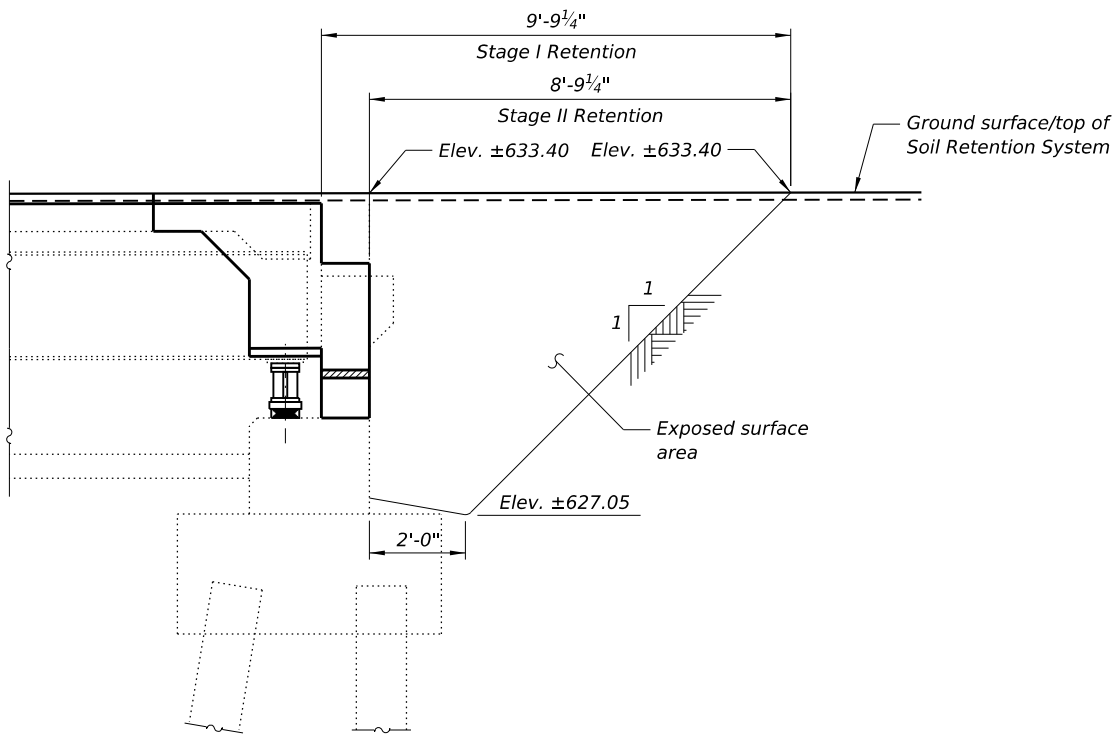
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CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



WEST ABUTMENT TEMPORARY SOIL RETENTION SYSTEM
(At E.B. and W.B. Abutments)

WEST ABUTMENT BILL OF MATERIAL

Item	Unit	Total
Temporary Soil Retention System	Sq. Ft.	118



EAST ABUTMENT TEMPORARY SOIL RETENTION SYSTEM
(At E.B. and W.B. Abutments)

EAST ABUTMENT BILL OF MATERIAL

Item	Unit	Total
Temporary Soil Retention System	Sq. Ft.	122

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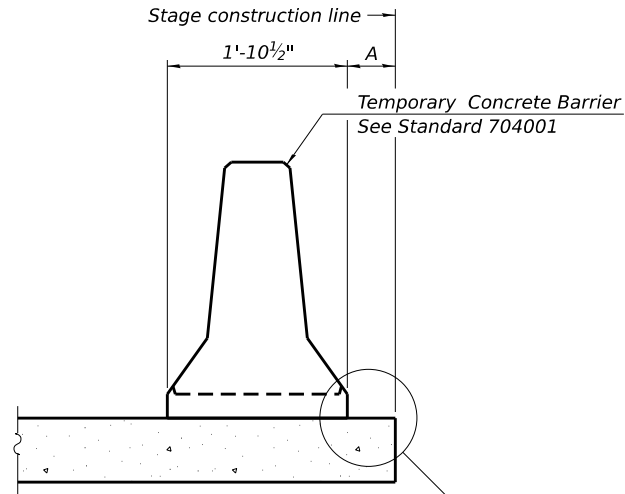
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PLOT DATE = 8/7/2026	CHECKED - RA	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SOIL RETENTION SYSTEM
STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

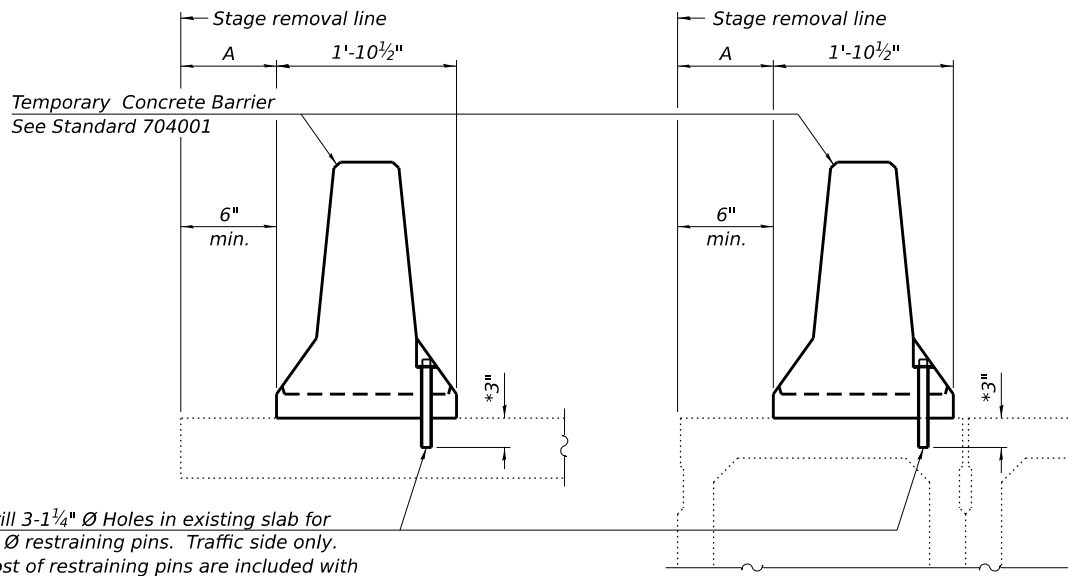
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	83
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

NEW SLAB OR NEW DECK BEAM

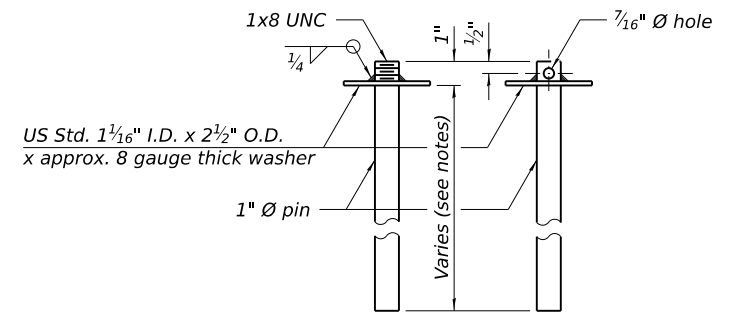


Drill 3-1 1/4" Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

EXISTING SLAB

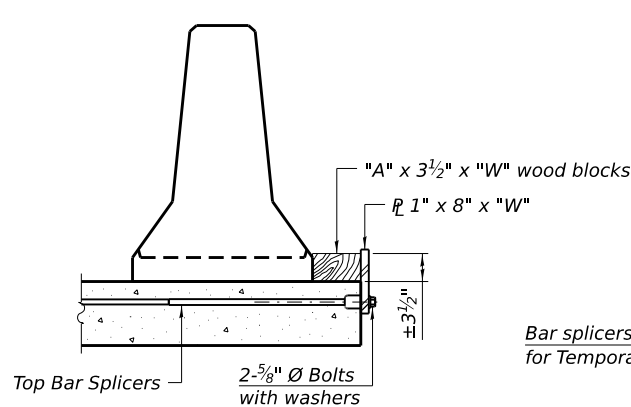
* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

EXISTING DECK BEAM

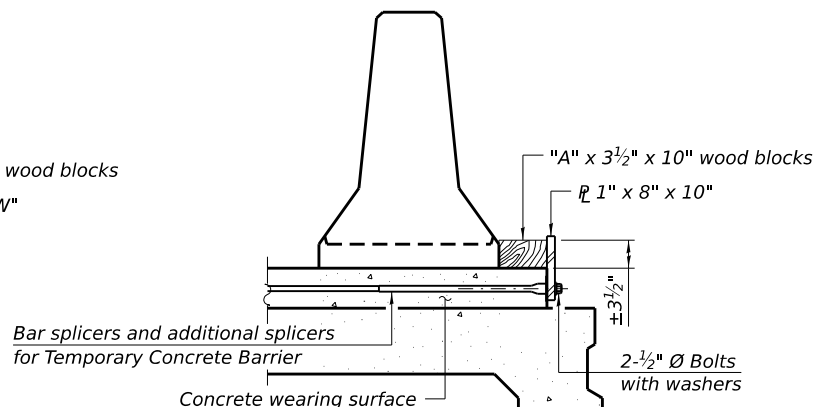


RESTRAINING PIN

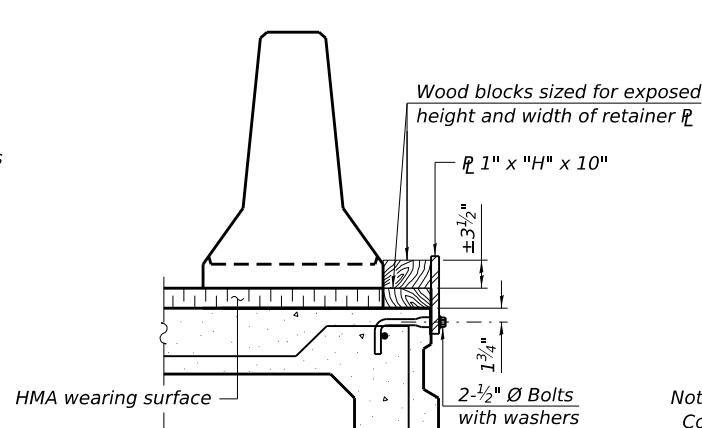
SECTIONS THRU SLAB OR DECK BEAM



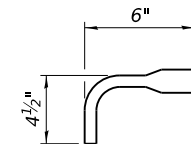
DETAIL I



DETAIL II



DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III

Notes:
Cost of retainer assembly is included with Temporary Concrete Barrier.
A retainer assembly shall be located at the approximate CL of each temporary concrete barrier.
The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
When the 'A' dimension is less than 1 1/2", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate.
For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.

Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.

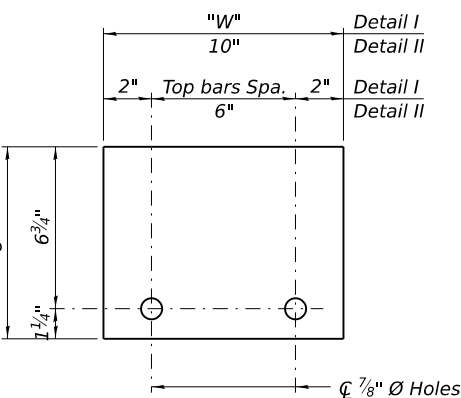
Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

RAILING CRITERIA

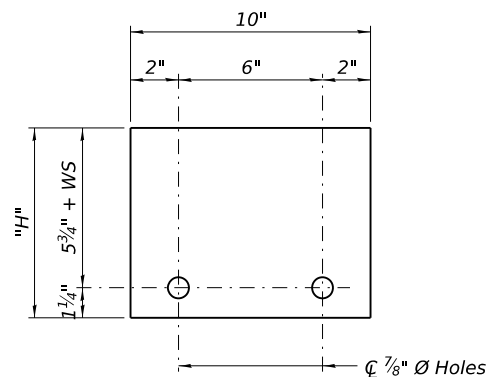
NCHRP 350 Test Level	3
Railing Weight (plf)	440

R-27

5-15-2023



STEEL RETAINER $\text{PL } 1" \times 8" \times "W"$
(Detail I and II)



STEEL RETAINER $\text{PL } 1" \times "H" \times 10"$
(Detail III)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CONCRETE BARRIER
STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

SCALE: SHEET SB-06 OF SB-29 SHEETS STA. TO STA.

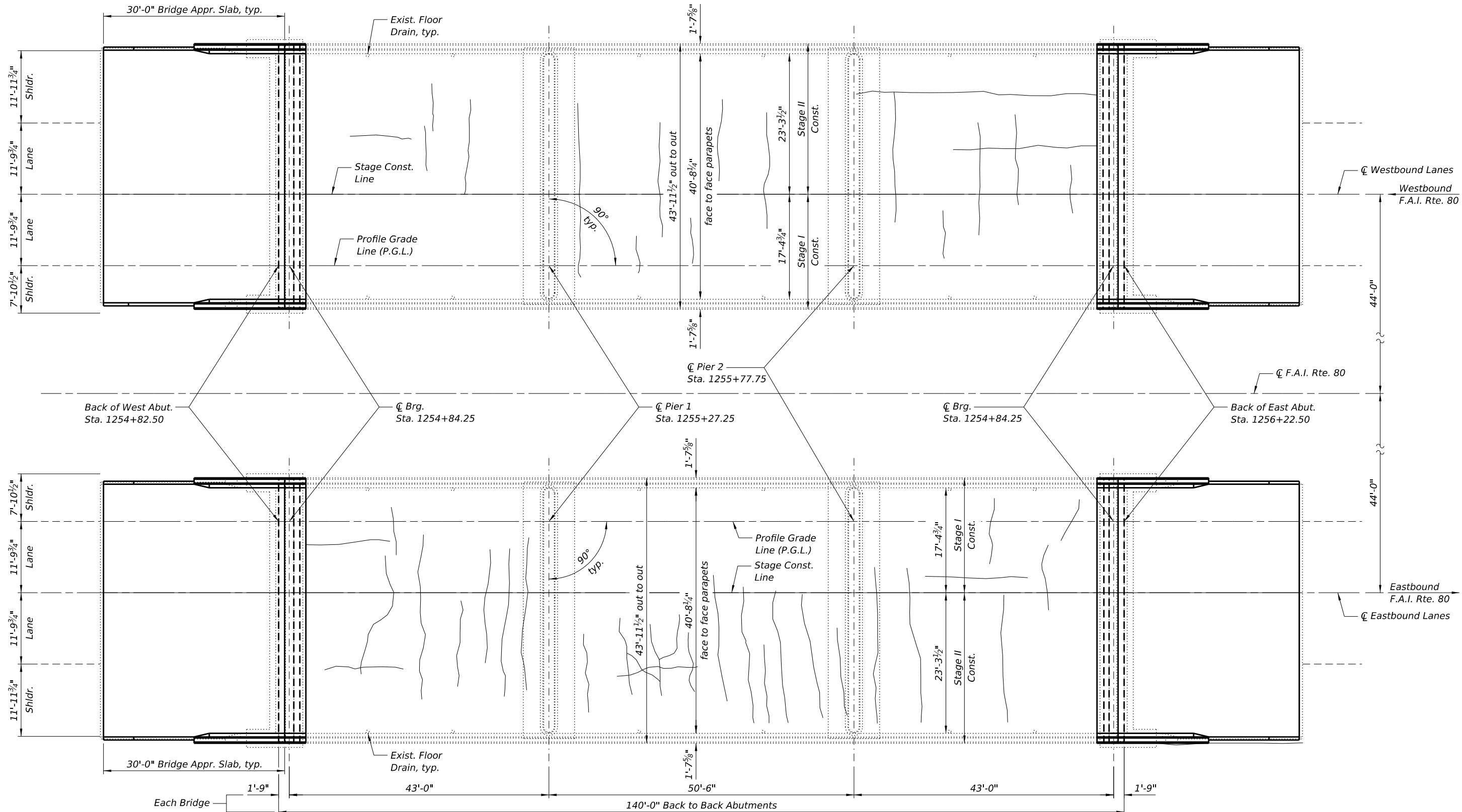
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CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

Farnsworth
GROUP

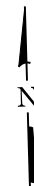
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PLAN



NOTES:

- 1.) The repair areas shown are estimated based on field inspections conducted in February 2026. The actual repair areas required shall be verified according to the special provisions, and documented by the Engineer on the As Built plan sheet.
- 2.) Bridge deck cracks are minimal depth and do not require additional repair. These locations shall be included in the cost with Bridge Deck Latex Concrete Overlay, 2 1/2".



USER NAME = dmeyer	DESIGNED - EMW	REVISED -
	CHECKED - RA	REVISED -
	DRAWN - DJM	REVISED -
PLOT DATE = 5/1/2026	CHECKED - RA	REVISED -

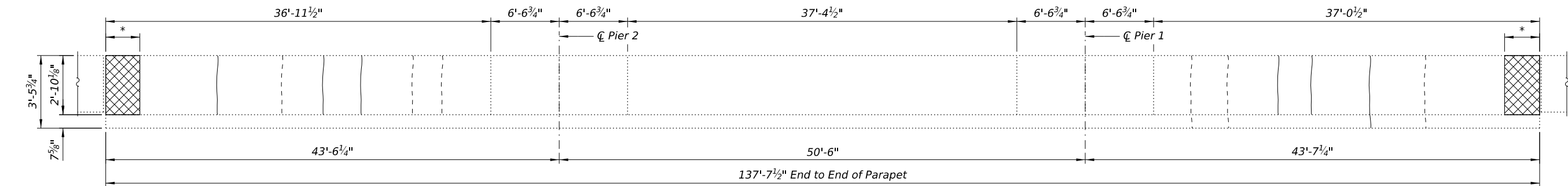
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECK SLAB REPAIRS
STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

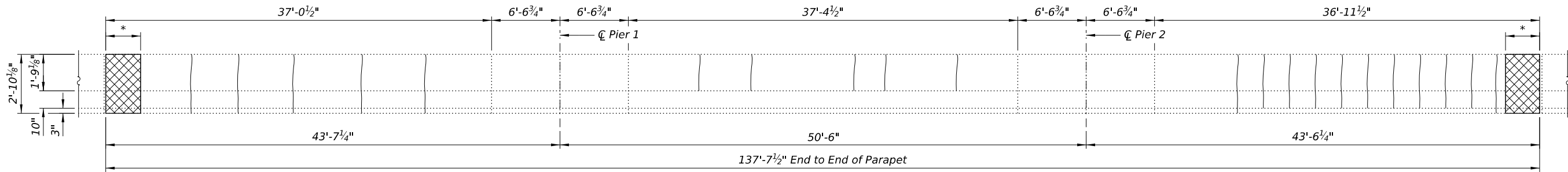
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

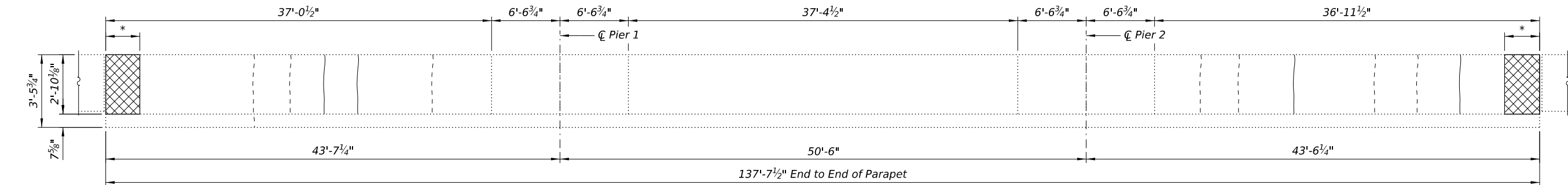
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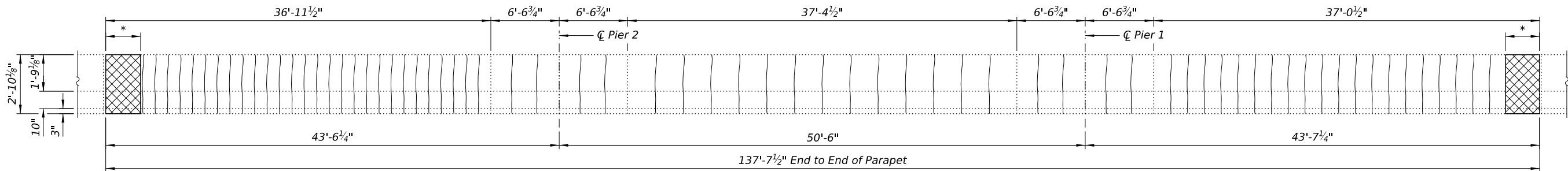
ELEVATION - OUTSIDE FACE OF NORTH PARAPET
(Looking South)



ELEVATION - INSIDE FACE OF NORTH PARAPET
(Looking North)



ELEVATION - OUTSIDE FACE OF SOUTH PARAPET
(Looking North)



ELEVATION - INSIDE FACE OF SOUTH PARAPET
(Looking South)

LEGEND

Structural Repair of Concrete
(Depth Greater than 5 inches)

L.F.Epoxy Crack Injection

L.F. HLHairline Crack

BILL OF MATERIAL

Item	Unit	Total
Epoxy Crack Injection	Foot	280

- NOTES:**
- 1.) The repair areas shown are estimated based on field inspections conducted in February 2026. The actual repair areas required shall be verified according to the special provisions.
- 2.) *See Structure Removal on Sheet SB-12.



USER NAME = dmeyer	DESIGNED - EMW	REVISED -
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	DRAWN - DJM	REVISED -
PLOT DATE = 5/1/2026	CHECKED - RA	REVISED -

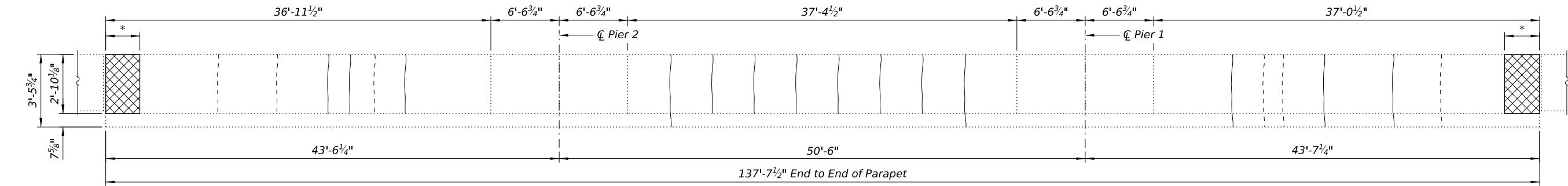
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PARAPET REPAIR DETAILS
STRUCTURE NO. 037-0039 (E.B.)**

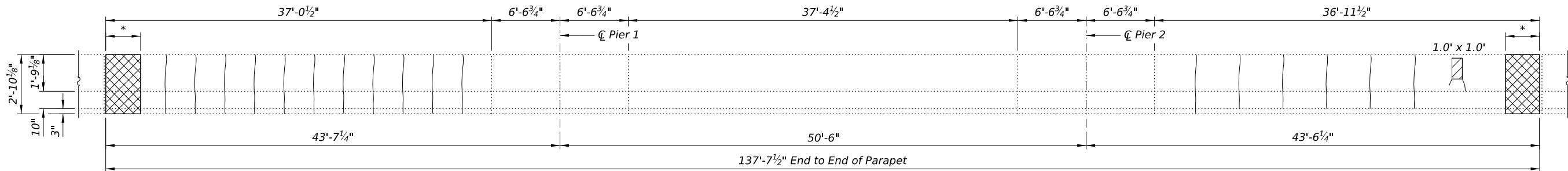
SCALE:	SHEET SB-09 OF SB-29 SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

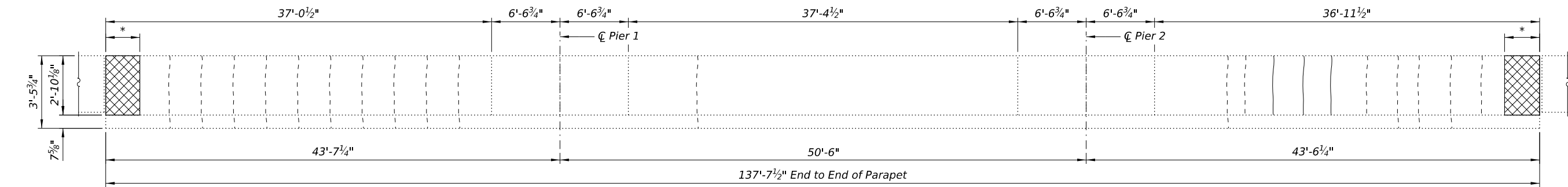
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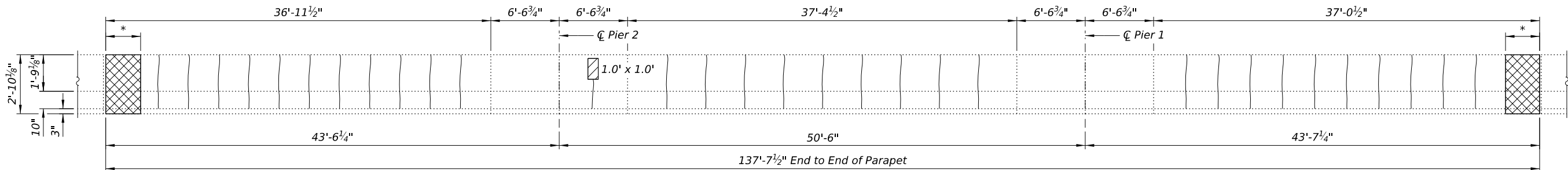
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(Looking South)



ELEVATION - INSIDE FACE OF NORTH PARAPET
(Looking North)



ELEVATION - OUTSIDE FACE OF SOUTH PARAPET
(Looking North)



ELEVATION - INSIDE FACE OF SOUTH PARAPET
(Looking South)

LEGEND

	Structural Repair of Concrete (Depth Equal to or Less than 5 inches)		L.F.	Epoxy Crack Injection
	Structural Repair of Concrete (Depth Greater than 5 inches)		L.F. HL	Hairline Crack

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq. Ft.	2
Epoxy Crack Injection	Foot	150

NOTES:

- The repair areas shown are estimated based on field inspections conducted in February 2026. The actual repair areas required shall be verified according to the special provisions.
- *See Structure Removal on Sheet SB-12.



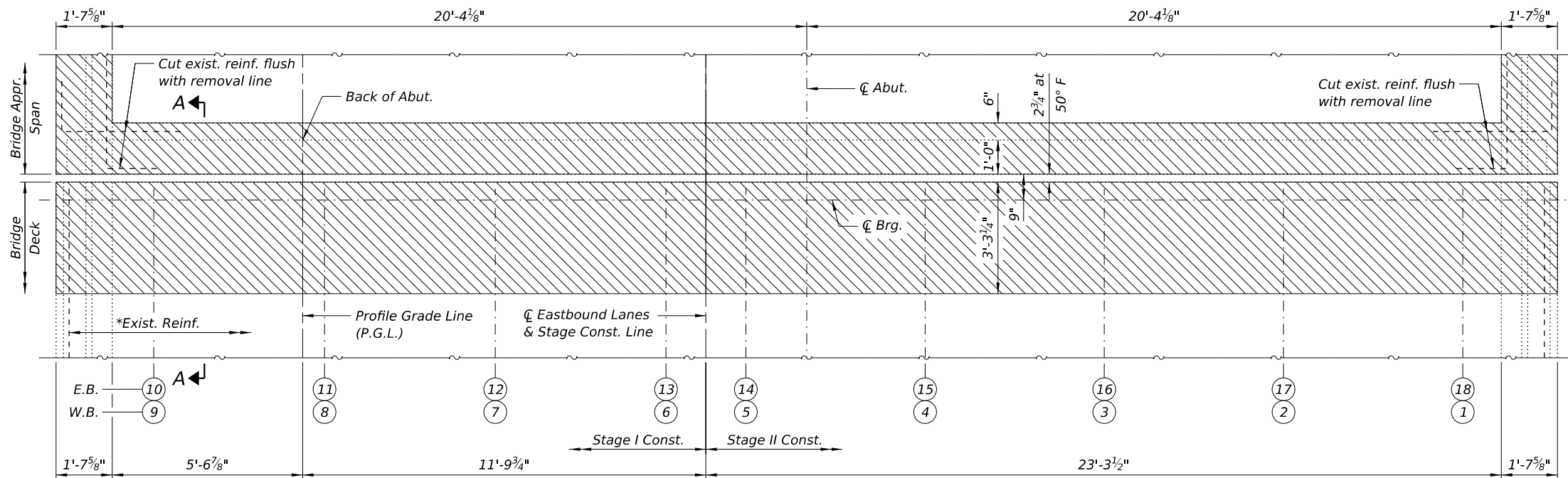
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PLOT DATE = 5/1/2026	CHECKED - RA	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

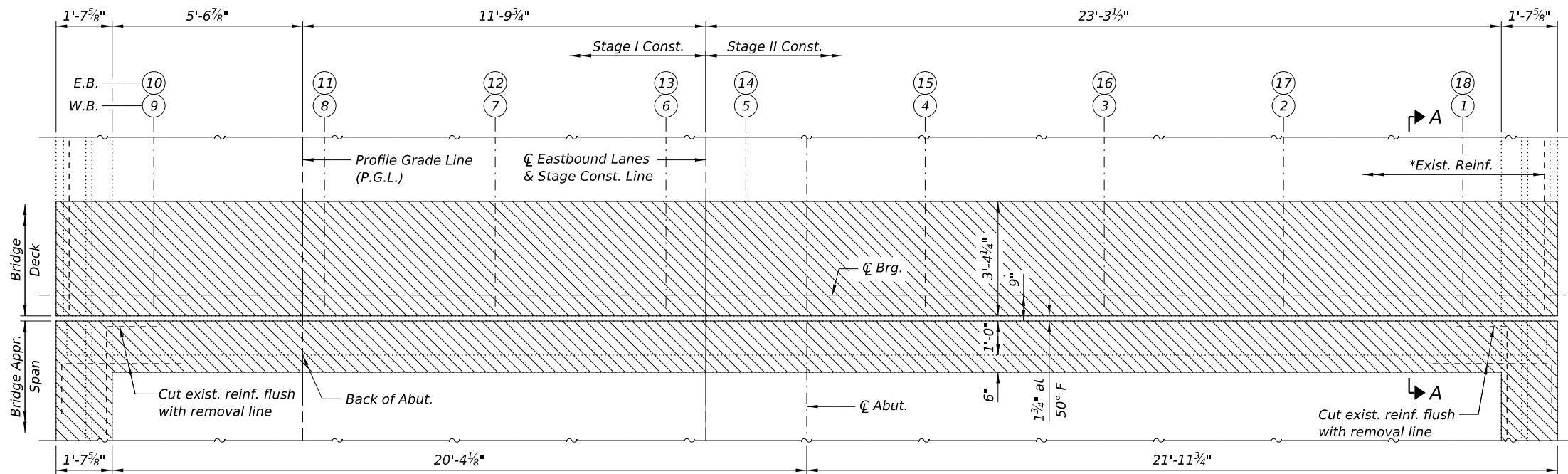
PARAPAPET REPAIR DETAILS
STRUCTURE NO. 037-0040 (W.B.)

SCALE: SHEET SB-10 OF SB-29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	88
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



PARTIAL PLAN AT EAST ABUTMENT (E.B.)
SHOWING CONCRETE REMOVAL
(East Abutment W.B. mirrored about C F.A.I. Rte. 80)
Exist. Reinf. in parapet and Exist. Transverse Reinf. in deck not shown for clarity.



PARTIAL PLAN AT WEST ABUTMENT (E.B.)
SHOWING CONCRETE REMOVAL
(West Abutment W.B. mirrored about C F.A.I. Rte. 80)
Exist. Reinf. in parapet and Exist. Transverse Reinf. in deck not shown for clarity.

LEGEND

Concrete Removal

- NOTES:**
- 1.) *Existing reinforcement extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Cost shall be included with Concrete Removal.
 - 2.) Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost shall be included with Concrete Removal.
 - 3.) See Sheet SB-12 for Section A-A and Bill of Material.

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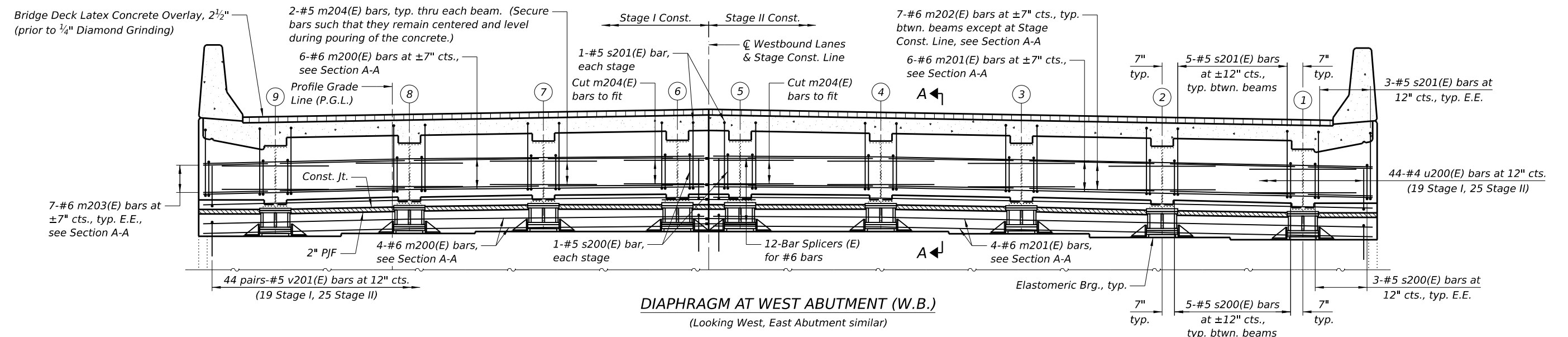
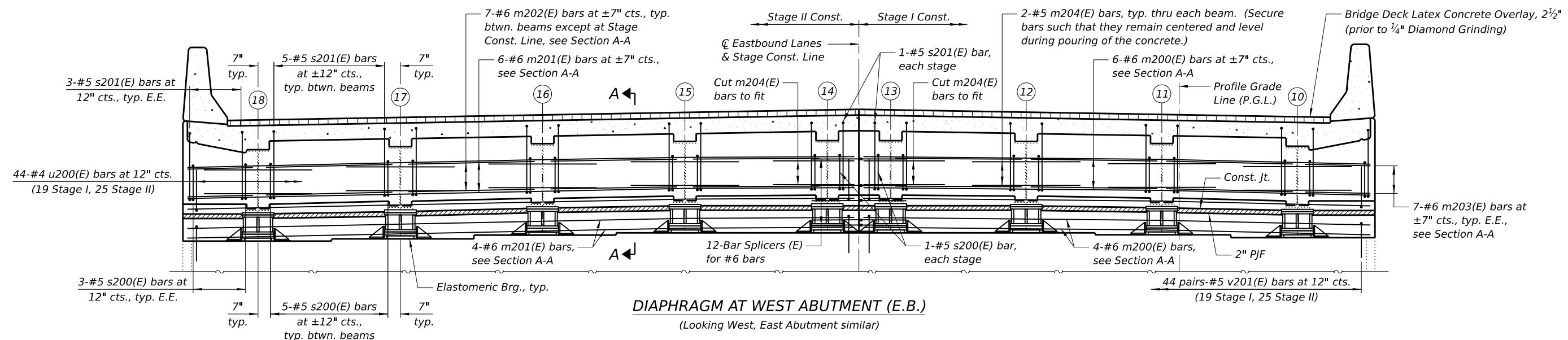
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	CHECKED - RA	REVISED -
PLOT DATE = 5/1/2026		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE REMOVAL DETAILS
STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

SCALE: SHEET SB-11 OF SB-29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	89
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- 1.) See Sheet SB-14 for Section A-A.
 - 2.) See Sheet SB-16 for superstructure details and Bill of Material.
 - 3.) The s200(E) and s201(E) bars shall be placed parallel to the girders. Spacing for these bars shall be at right angles to the girders.
 - 4.) Drill & grout #5 v201(E) bars 9" min. into existing concrete according to Section 584 of the Standard Specifications.
 - 5.) E.E. denotes Each End.
 - 6.) See Sheet SB-22 for bearing details.

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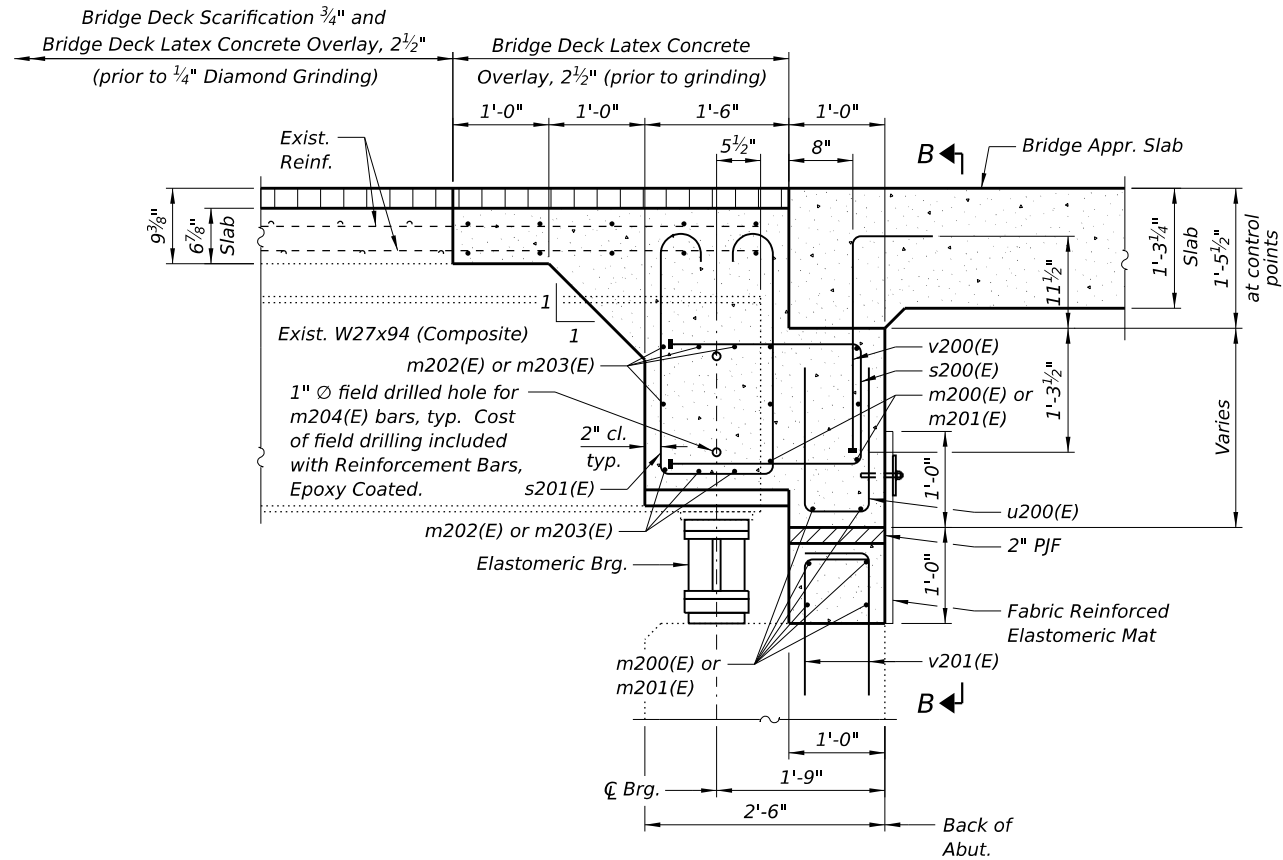
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PLOT DATE = 5/1/2026	CHECKED - RA	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

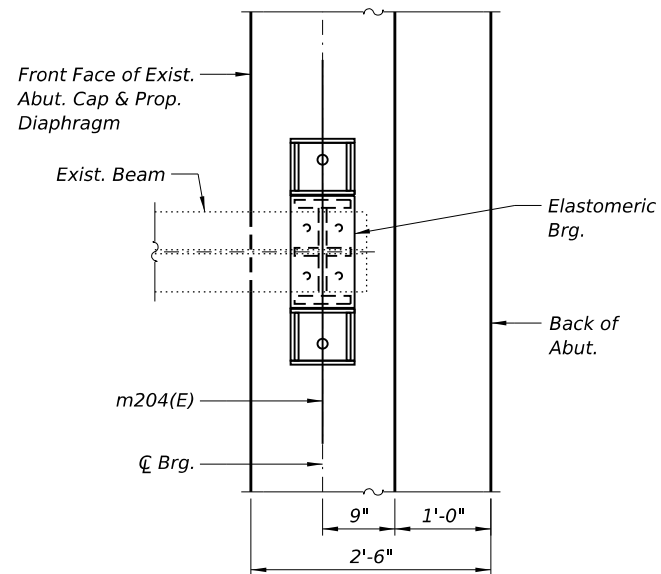
DIAPHRAGMS
STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

SCALE: SHEET SB-13 OF SB-29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	91
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

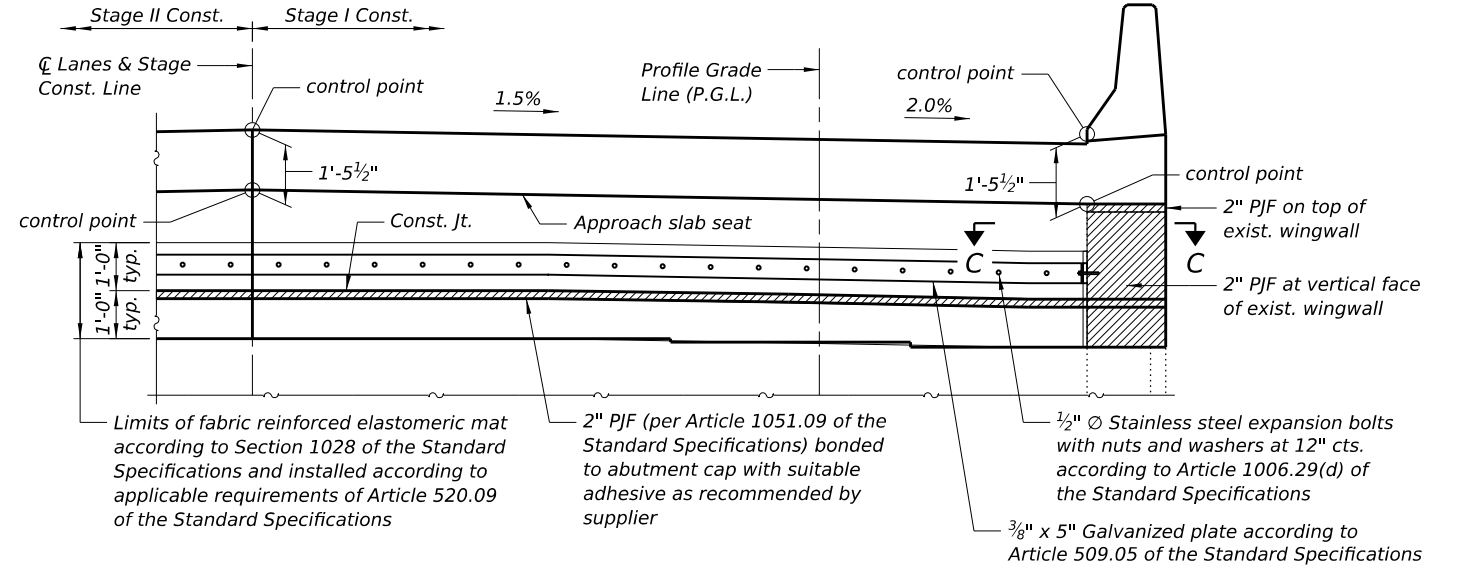


SECTION A-A

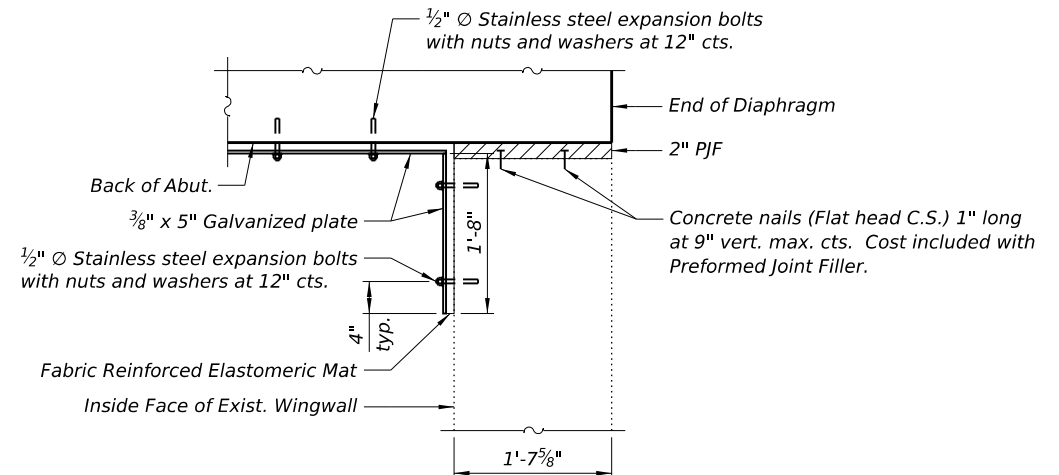


PLAN AT ABUTMENT

(Showing bottom flange of girder)



SECTION B-B



SECTION C-C

NOTES:

- 1.) See Sheet SB-13 for location of Section A-A.
- 2.) See Sheet SB-16 for superstructure details and Bill of Material.
- 3.) Drill & grout #5 v201(E) bars 9" min. into existing concrete according to Section 584 of the Standard Specifications.
- 4.) The approach slab seat shall have a constant slope determined from the control points shown.
- 5.) Cost of fabric reinforced elastomeric mat, galvanized plate, stainless steel expansion bolts with nuts and washers and installation are included in the cost of Concrete Superstructure.

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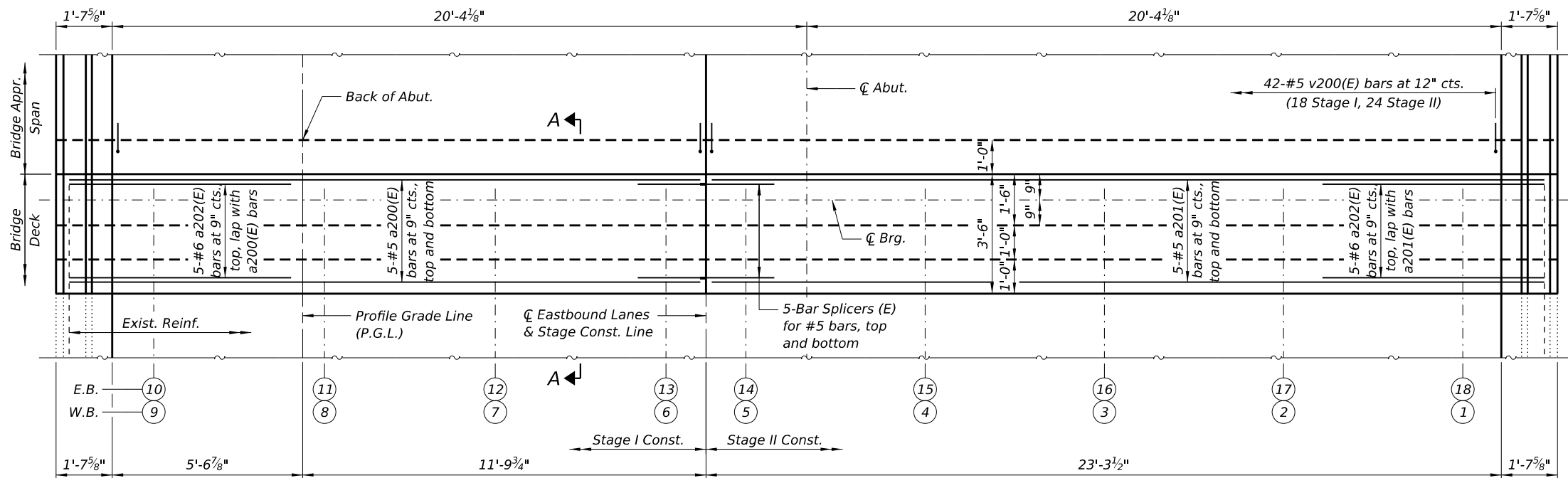
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	CHECKED - RA	REVISED -
	DRAWN - DJM	REVISED -
PLOT DATE = 8/7/2026	CHECKED - RA	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

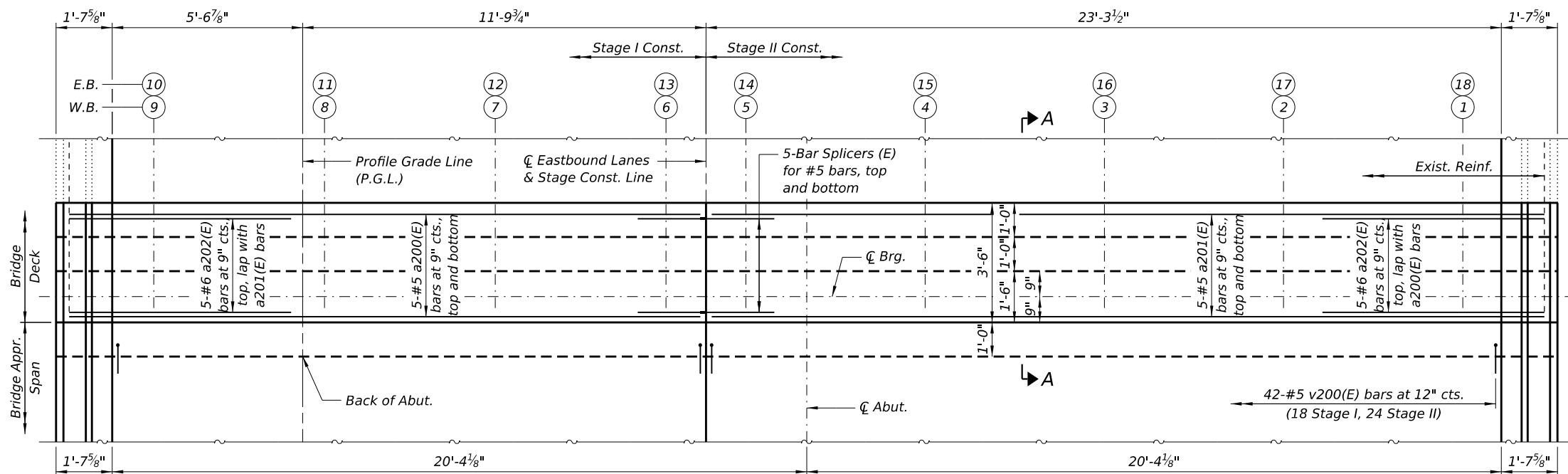
DIAPHRAGMS
STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

SCALE: SHEET SB-14 OF SB-29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	92
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



PARTIAL PLAN AT EAST ABUTMENT (E.B.)
SHOWING CONCRETE REPLACEMENT
 (East Abutment W.B. mirrored about C F.A.I. Rte. 80)
 Prop. Reinf. in parapet not shown for clarity.



PARTIAL PLAN AT WEST ABUTMENT (E.B.)
SHOWING CONCRETE REPLACEMENT
 (West Abutment W.B. mirrored about C F.A.I. Rte. 80)
 Prop. Reinf. in parapet not shown for clarity.

NOTES:

- 1.) See Sheet SB-16 for Section A-A, superstructure details, and Bill of Material.
- 2.) See Sheets SB-13 & SB-14 for Diaphragm Details.
- 3.) See Sheet SB-29 for Bar Splicer Details.

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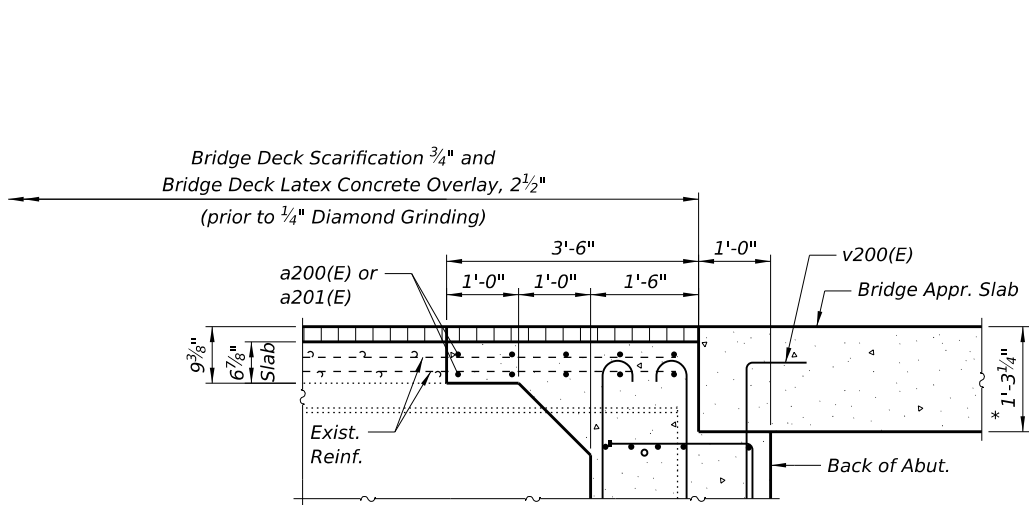
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	DRAWN - DJM	REVISED -
PLOT DATE = 8/7/2026	CHECKED - RA	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

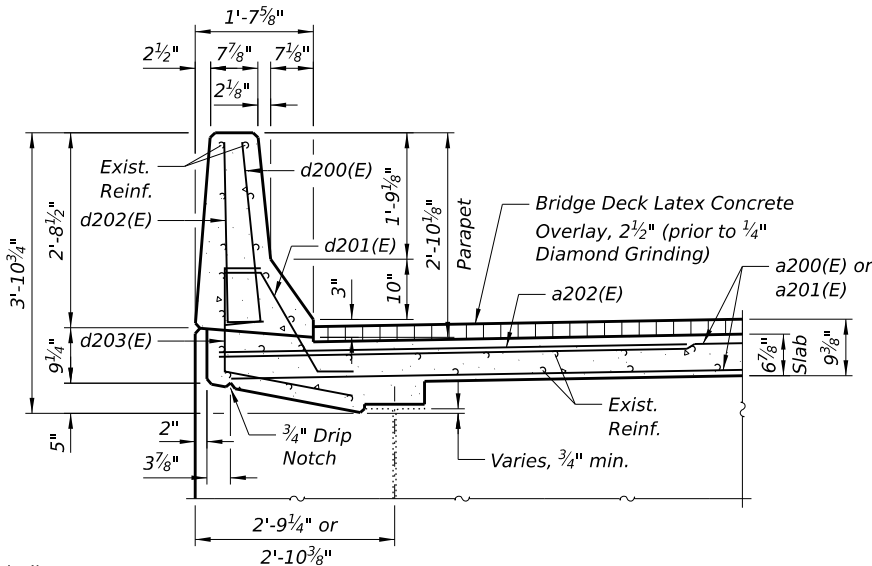
SCALE: SHEET SB-15 OF SB-29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	93
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

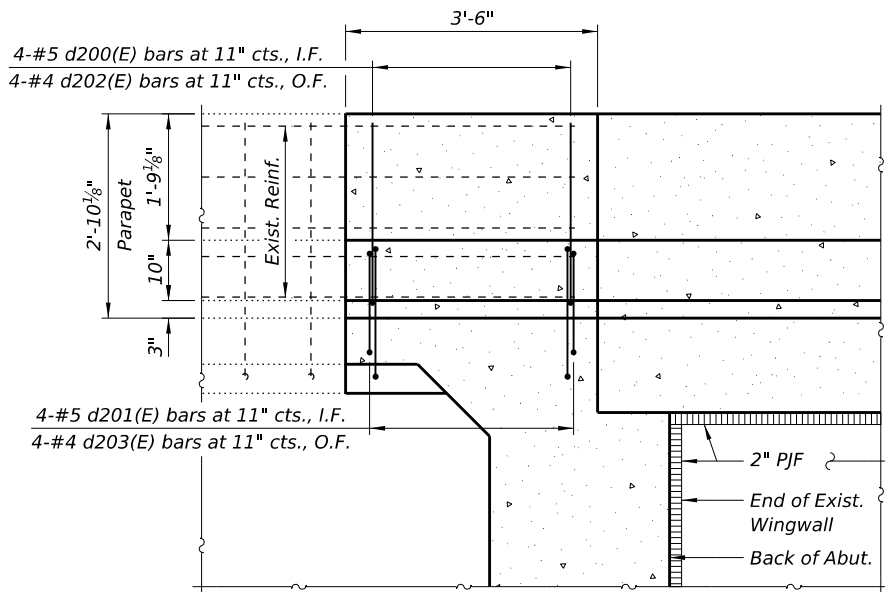


SECTION A-A

* Prior to 1/4" Diamond Grinding

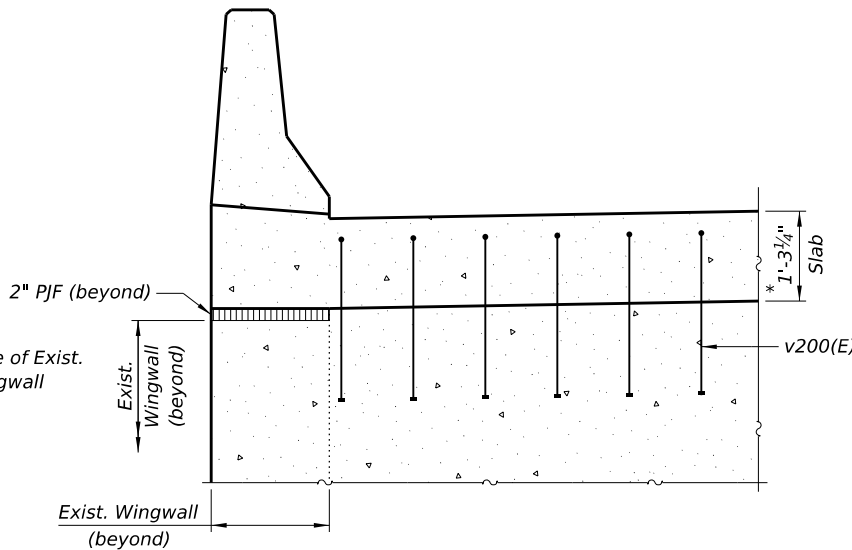


SECTION THRU PARAPET AT MAIN SPAN



ELEVATION - INSIDE FACE OF PARAPET

Overlay not shown for clarity.



SECTION THRU PARAPET AT APPROACH SPAN

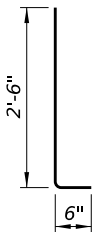
Diaphragm and Approach Slab reinf. not shown for clarity.

SUPERSTRUCTURE
BILL OF MATERIAL (E.B.)
(at both Abutments)

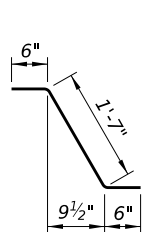
Bar	No.	Size	Length	Shape
a200(E)	20	#5	18'-9"	—
a201(E)	20	#5	24'-8"	—
a202(E)	20	#6	6'-6"	—
d200(E)	16	#5	3'-0"	L
d201(E)	16	#5	2'-7"	↘
d202(E)	16	#5	3'-0"	L
d203(E)	16	#4	3'-9"	└
m200(E)	24	#6	18'-9"	—
m201(E)	24	#6	24'-8"	—
m202(E)	98	#6	4'-8"	—
m203(E)	28	#6	2'-5"	—
m204(E)	36	#5	4'-0"	—
s200(E)	86	#5	5'-3"	┐
s201(E)	86	#5	7'-4"	┐
u200(E)	88	#4	3'-8"	U
v200(E)	84	#5	3'-1"	┐
v201(E)	176	#5	2'-1"	┐
Item			Unit	Quantity
Concrete Superstructure			Cu. Yd.	32
Reinforced Bars, Epoxy Coated			Pound	5,780
Bar Splicers			Each	44

SUPERSTRUCTURE
BILL OF MATERIAL (W.B.)
(at both Abutments)

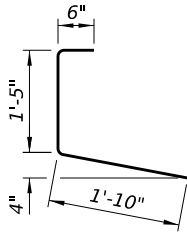
Bar	No.	Size	Length	Shape
a200(E)	20	#5	18'-9"	—
a201(E)	20	#5	24'-8"	—
a202(E)	20	#6	6'-6"	—
d200(E)	16	#5	3'-0"	L
d201(E)	16	#5	2'-7"	↘
d202(E)	16	#5	3'-0"	L
d203(E)	16	#4	3'-9"	└
m200(E)	24	#6	18'-9"	—
m201(E)	24	#6	24'-8"	—
m202(E)	98	#6	4'-8"	—
m203(E)	28	#6	2'-5"	—
m204(E)	36	#5	4'-0"	—
s200(E)	86	#5	5'-3"	┐
s201(E)	86	#5	7'-4"	┐
u200(E)	88	#4	3'-8"	U
v200(E)	84	#5	3'-1"	┐
v201(E)	176	#5	2'-1"	┐
Item			Unit	Quantity
Concrete Superstructure			Cu. Yd.	32
Reinforced Bars, Epoxy Coated			Pound	5,780
Bar Splicers			Each	44



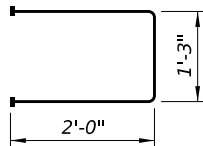
BAR d200(E) & d202(E)



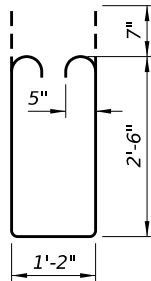
BAR d201(E)



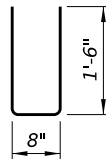
BAR d203(E)



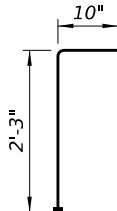
BAR s200(E)
(Headed, 86-#5 Bar terminators per bridge)



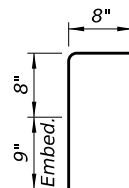
BAR s201(E)



BAR u200(E)



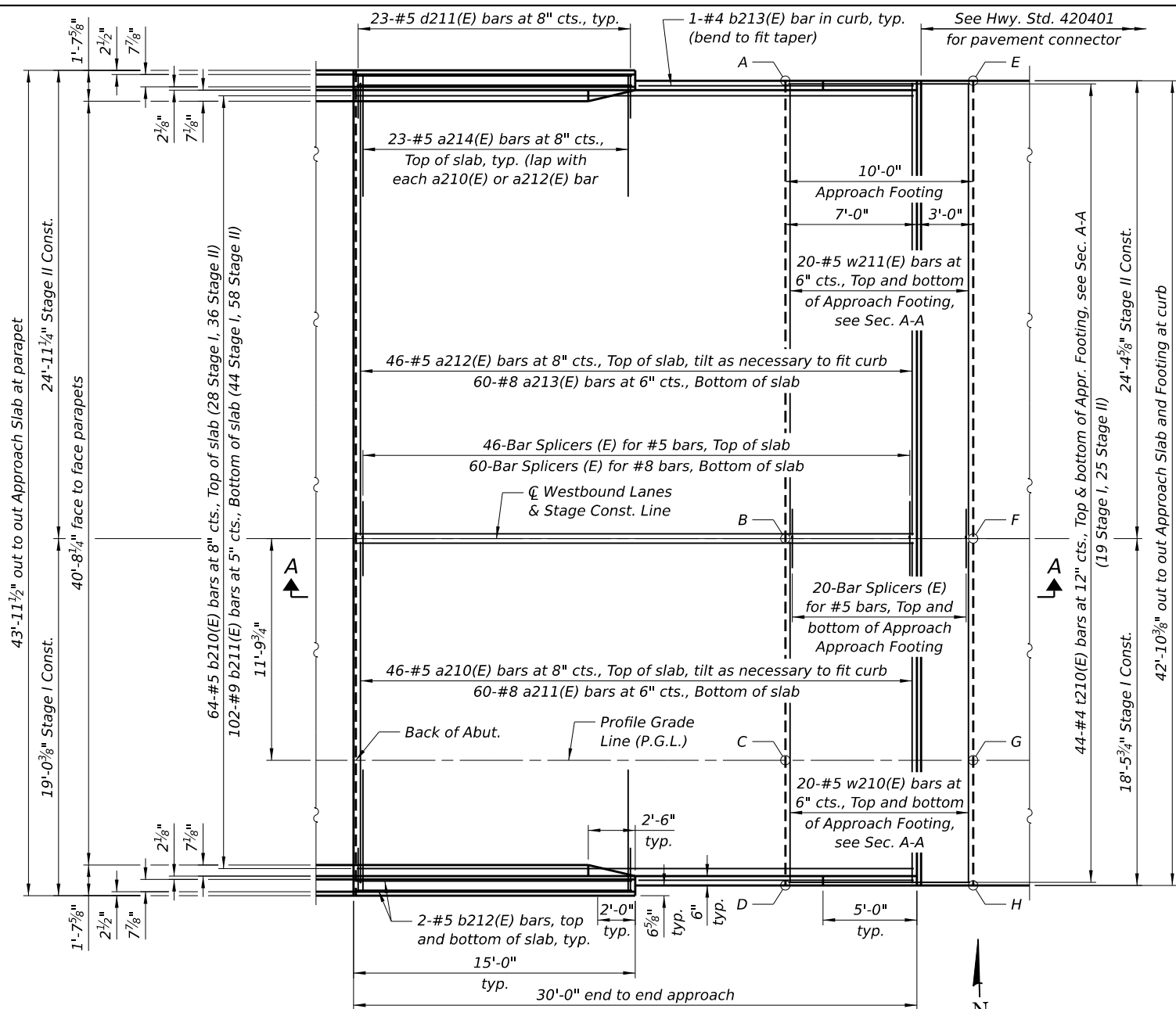
BAR v200(E)
(Headed, 84-#5 Bar terminators per bridge)



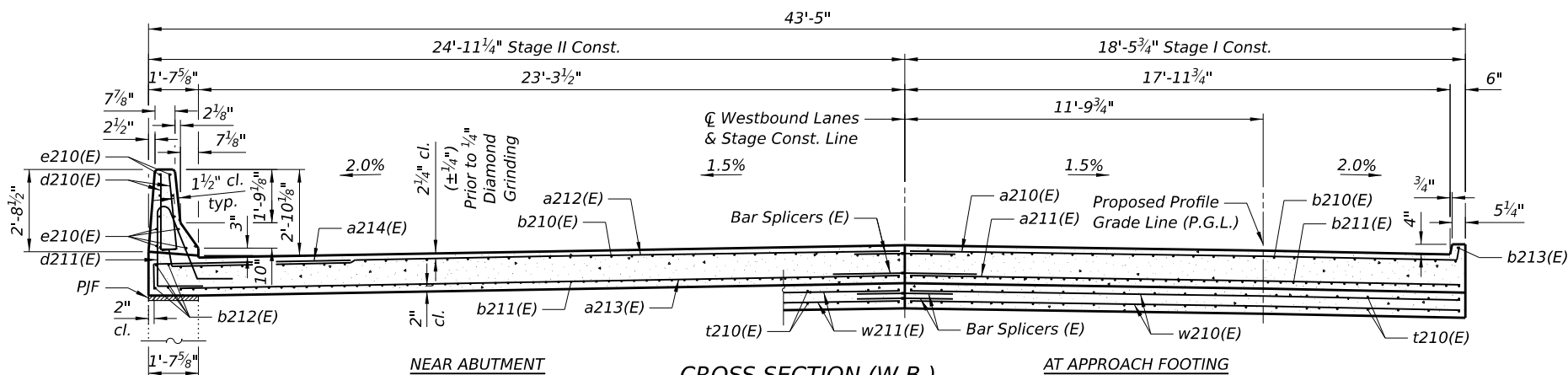
BAR v201(E)

NOTES:

- 1.) See Sheet SB-15 for location of Section A-A.
- 2.) Bar terminators paid for separately. See Total Bill of Material. See special provisions for Bar Splicers, Headed Reinforcement.
- 3.) See Sheet SB-14 for Diaphragm Details.
- 4.) See Sheet SB-29 for Bar Splicer Details.
- 5.) I.F. denotes Inside Face & O.F. denotes Outside Face.



PLAN EAST APPROACH SLAB (W.B.)
(West approach slab similar.
E.B. approach slabs mirrored about C.F.A.I. Rte. 80)



CROSS SECTION (W.B.)
(Looking East, E.B. approach slabs mirrored about C.F.A.I. Rte. 80)

**TOP AND BOTTOM ELEVATIONS
FOR APPROACH FOOTING**

S.N. 037-0039				
Point	West Approach		East Approach	
	Top	Bottom	Top	Bottom
A				
B				
C				
D				
E				
F				
G				
H				

S.N. 037-0040				
Point	West Approach		East Approach	
	Top	Bottom	Top	Bottom
A				
B				
C				
D				
E				
F				
G				
H				

The approach slab shall be placed so that the top of slab shall match the elevation of the bridge deck after the 3/4" scarification. Blank table included for field notation.

NOTE:
See Sheet SB-18 for Section A-A.

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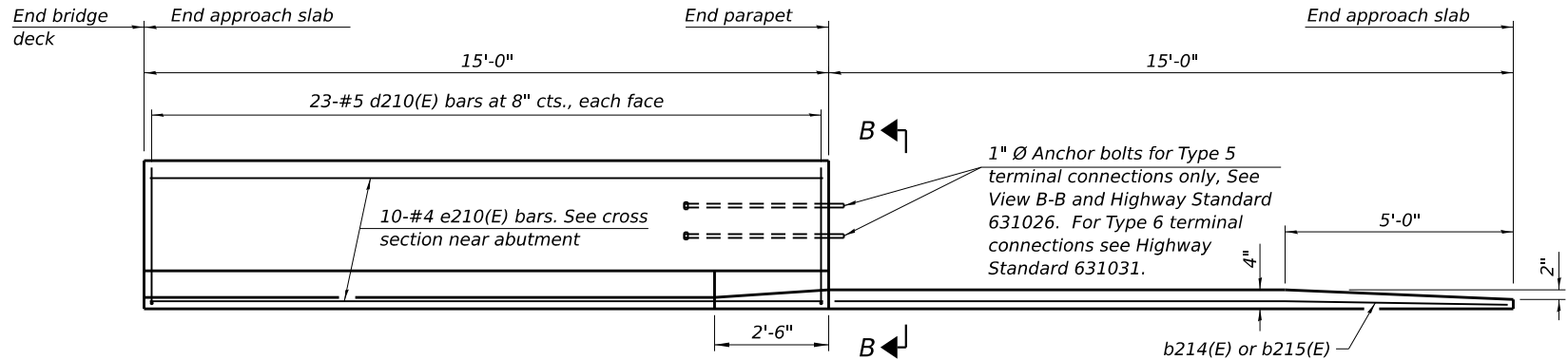
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	CHECKED - RA	REVISED -
	DRAWN - DJM	REVISED -
PLOT DATE = 8/7/2026	CHECKED - RA	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

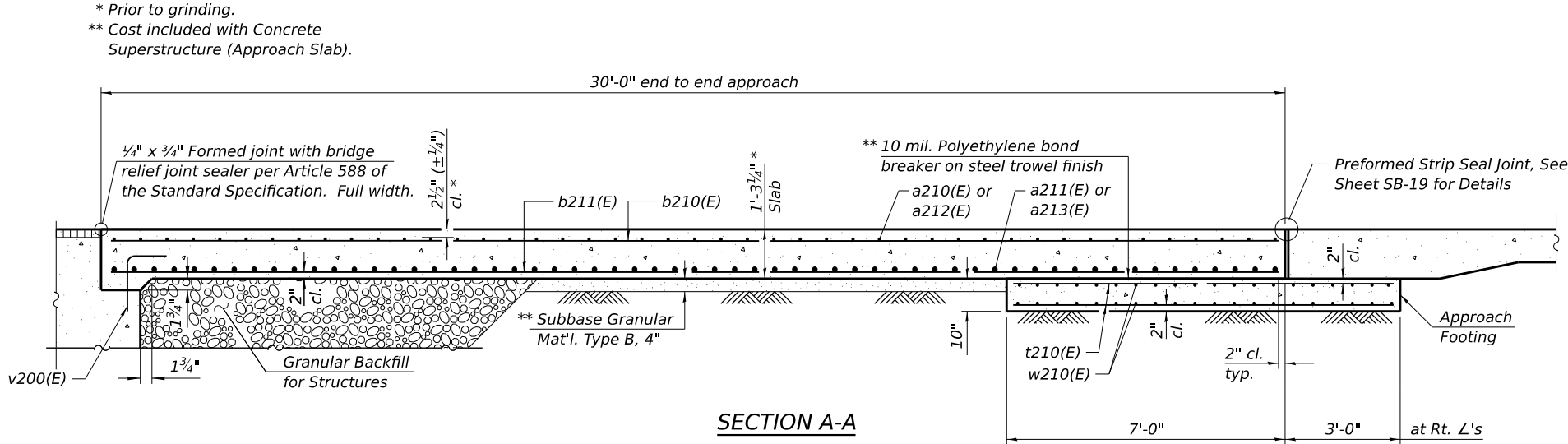
**BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)**

SCALE: SHEET SB-17 OF SB-29 SHEETS STA. TO STA.

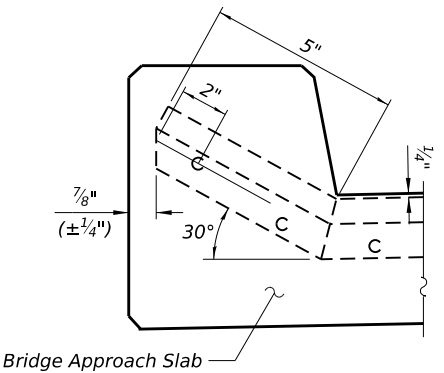
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	95
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



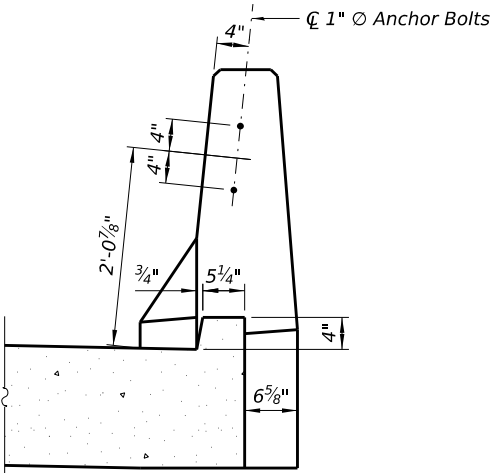
INSIDE ELEVATION OF PARAPET AND CURB



SECTION A-A



END OF SEAL DETAIL AT CURB

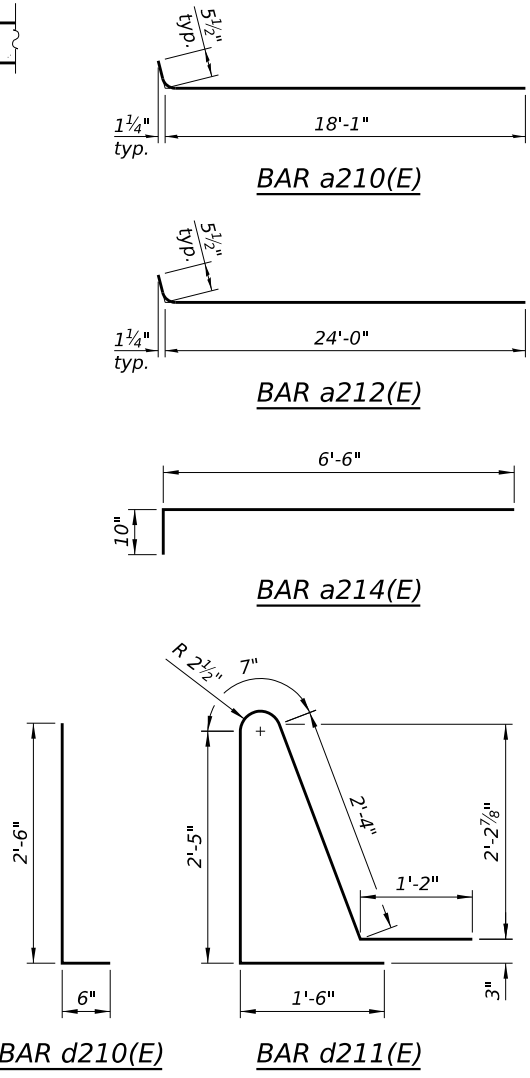


VIEW B-B

Notes:
The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. However, since this detail is for jointless structures, the length of bridge used to calculate the adjustment shall be equal to half the total bridge length plus the length of the bridge approach slab.
Parapet concrete shall be paid for as Concrete Superstructure.
Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
Approach footing concrete shall be paid for as Concrete Structures.
The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
Cost of excavation for approach footing included with Concrete Structures.
For Granular Backfill for Structures and drainage treatment details, see Sheet SB-03.

FOUR APPROACHES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a210(E)	184	#5	18'-6"	—
a211(E)	240	#8	18'-2"	—
a212(E)	184	#5	24'-5"	—
a213(E)	240	#8	24'-8"	—
a214(E)	184	#5	7'-4"	└
b210(E)	256	#5	29'-8"	—
b211(E)	408	#9	29'-8"	—
b212(E)	32	#5	14'-8"	—
b213(E)	8	#4	14'-8"	—
d210(E)	368	#5	3'-0"	└
d211(E)	184	#5	8'-0"	└
e210(E)	80	#4	14'-8"	—
t210(E)	352	#4	9'-8"	—
w210(E)	160	#5	18'-2"	—
w211(E)	160	#5	24'-1"	—
Item			Unit	Quantity
Concrete Structures			Cu. Yd.	53
Concrete Superstructure			Cu. Yd.	13
Concrete Superstructure (Approach Slab)			Cu. Yd.	241.9
Reinforced Bars, Epoxy Coated			Pound	99,550
Bar Splicers			Each	584
Approach Slab Removal			Sq. Yd.	571



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	DRAWN - DJM	REVISED -
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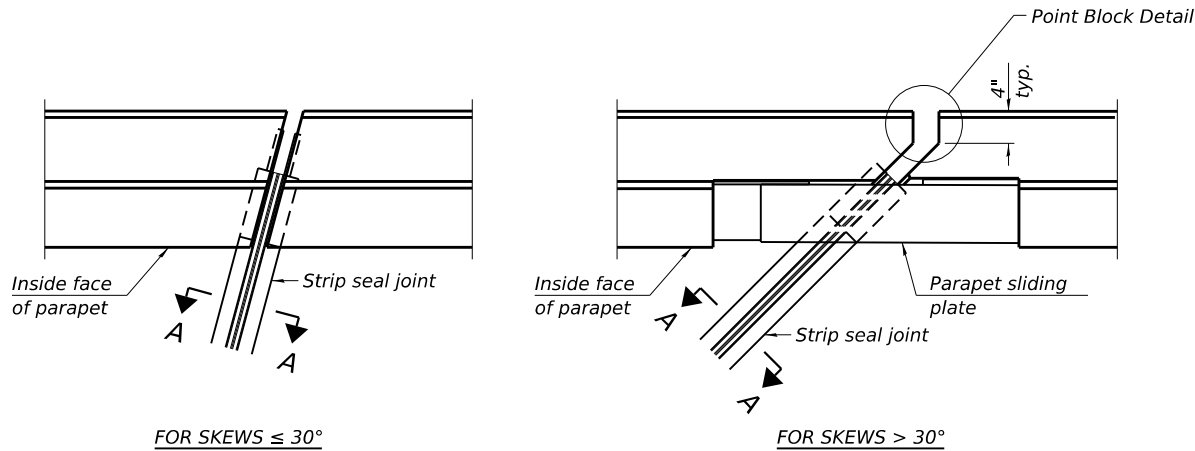
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

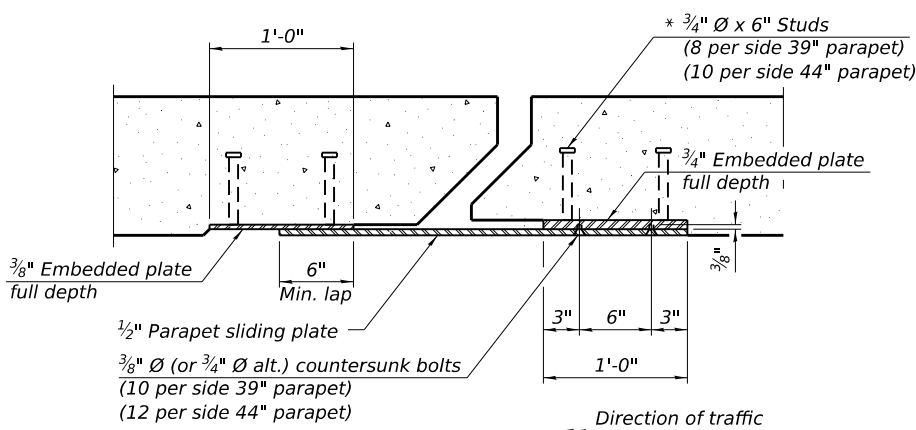
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

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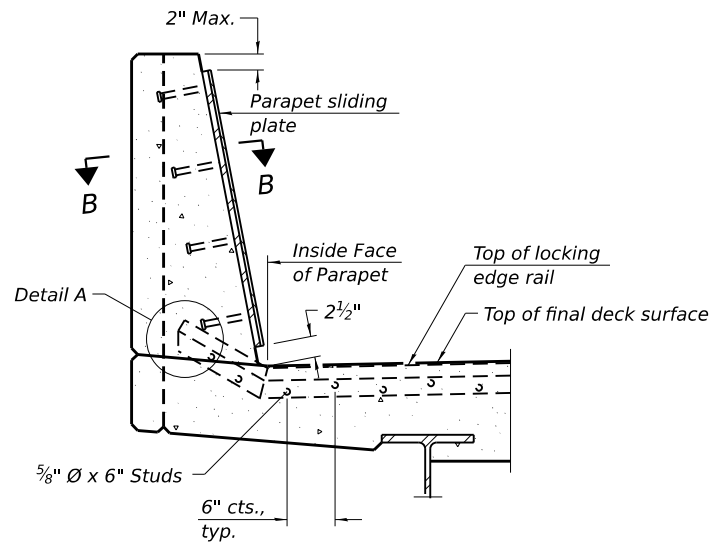


PLAN AT PARAPET



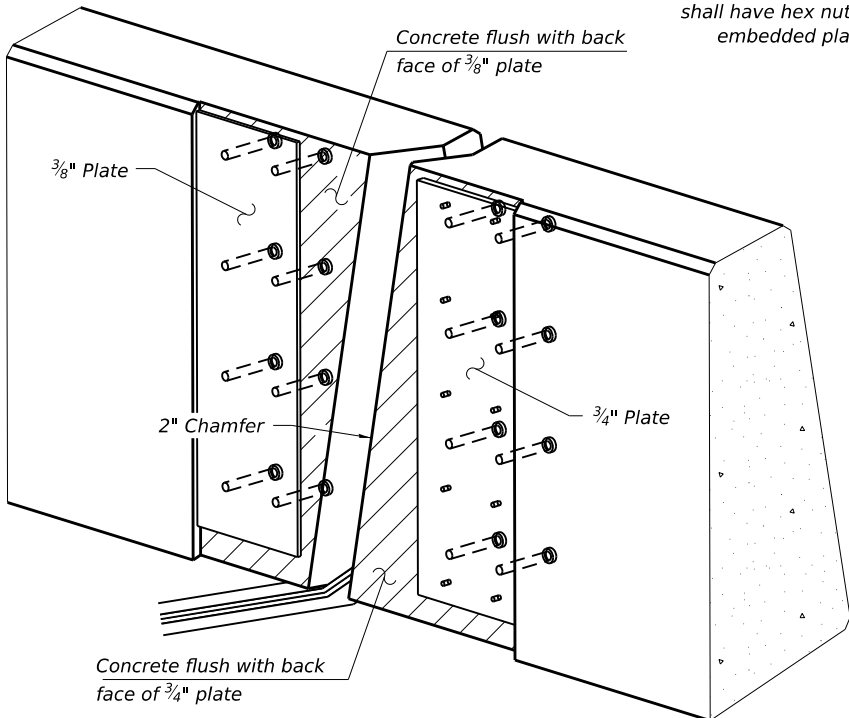
SECTION B-B

(3/4" $\varnothing$ countersunk bolts extending into concrete shall have hex nuts tack welded to the back of the embedded plates with end caps provided.)



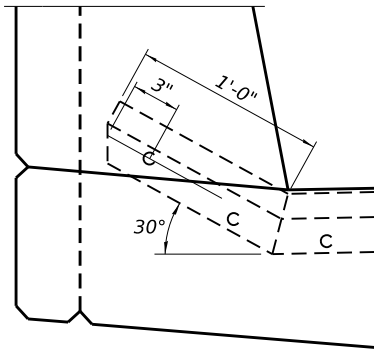
SECTION AT PARAPET

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



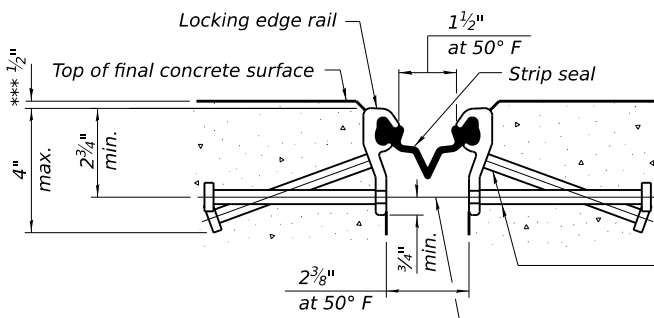
TRIMETRIC VIEW

(Showing embedded plates only)



DETAIL A

(Kick-up at parapet locations shown. See sheet of for kick-up at curb locations.)



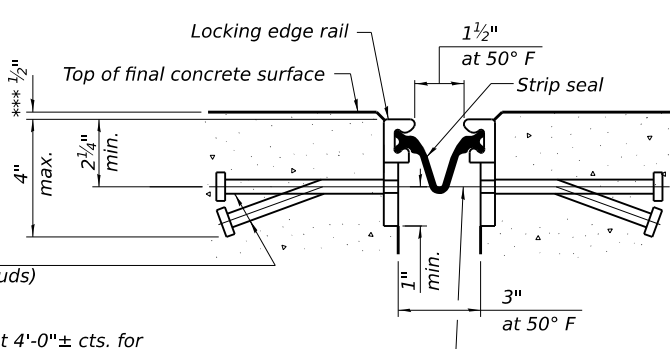
SHOWING ROLLED RAIL JOINT

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

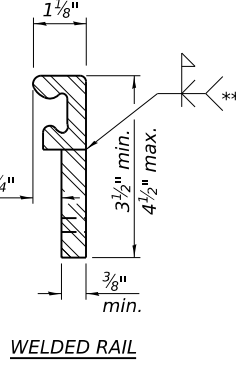
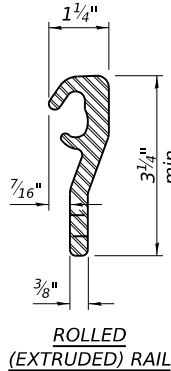
3/8" $\varnothing$ threaded rods in 7/16" $\varnothing$ holes at 4'-0" $\pm$ cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates within 90 minutes after concrete is set.

SECTION A-A

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

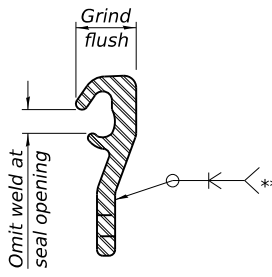


SHOWING WELDED RAIL JOINT



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	172



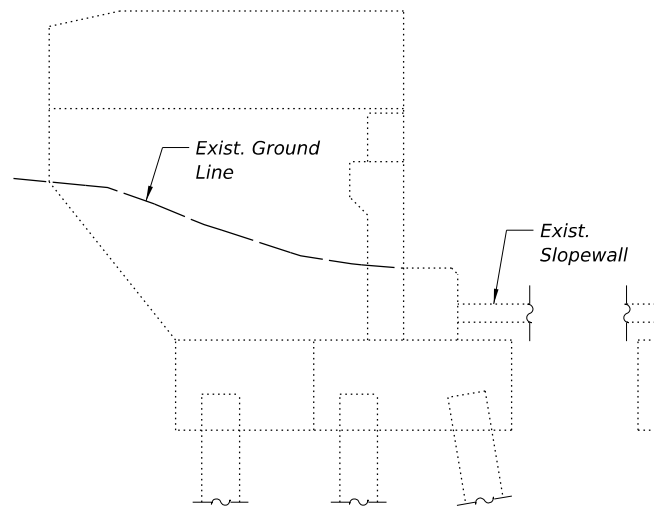
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PLOT DATE = 8/7/2026	CHECKED - RA	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

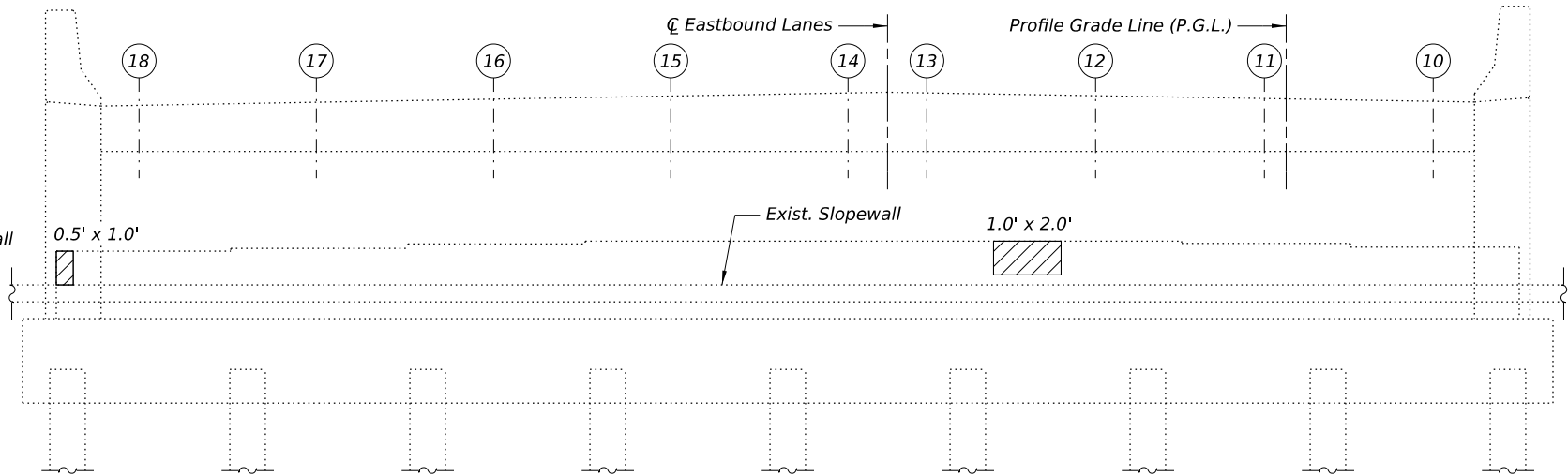
PREFORMED JOINT STRIP SEAL
STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

SCALE: SHEET SB-19 OF SB-29 SHEETS STA. TO STA.

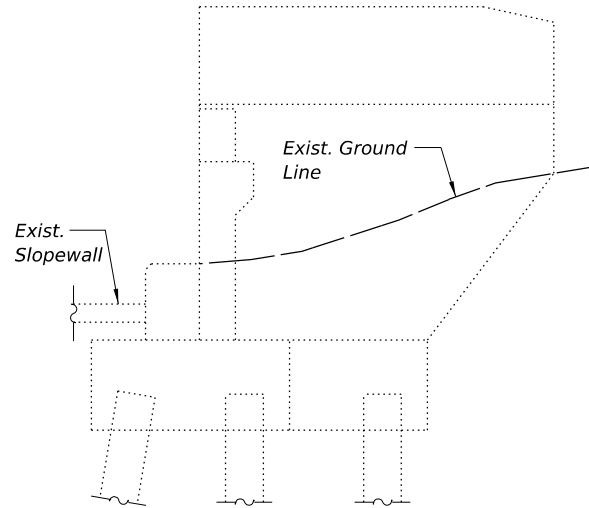
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



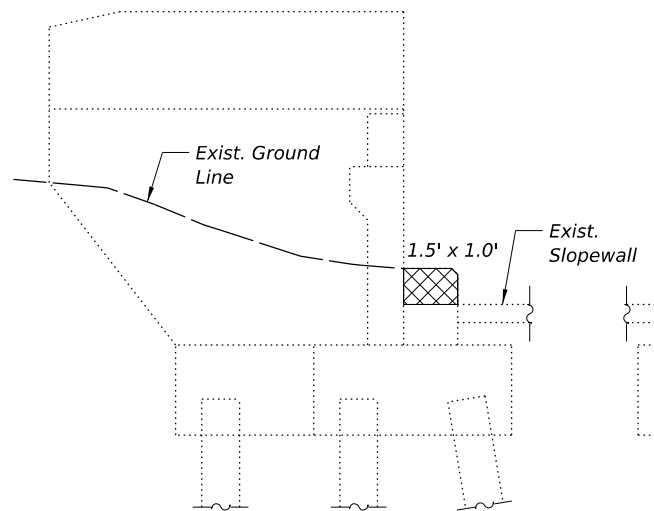
SOUTHWEST WINGWALL ELEVATION
(Looking North)



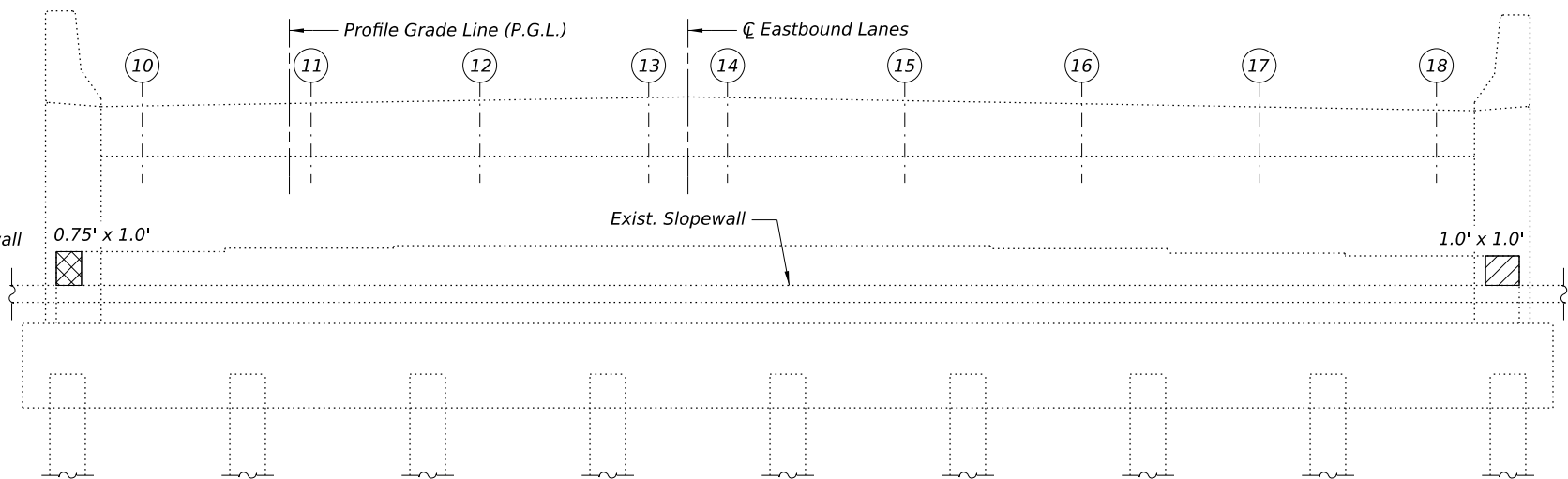
WEST ABUTMENT ELEVATION
(Looking West)



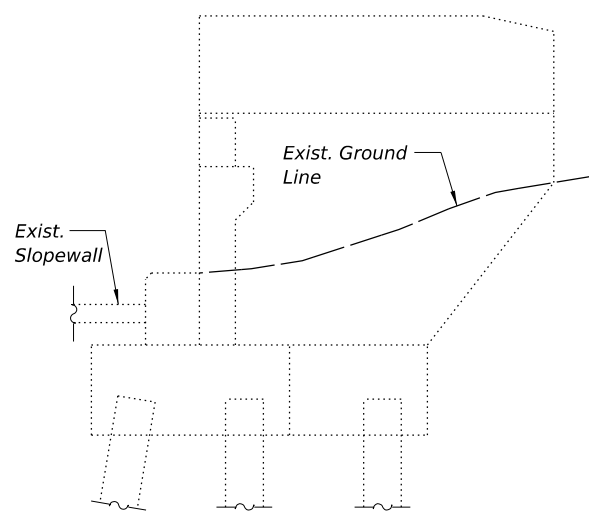
NORTHWEST WINGWALL ELEVATION
(Looking South)



NORTHEAST WINGWALL ELEVATION
(Looking South)



EAST ABUTMENT ELEVATION
(Looking East)



SOUTHEAST WINGWALL ELEVATION
(Looking North)

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq. Ft.	4
Structural Repair of Concrete (Depth Greater than 5 Inches)	Sq. Ft.	3
Concrete Sealer	Sq. Ft.	276

LEGEND

	Structural Repair of Concrete (Depth Equal to or Less than 5 inches)
	Structural Repair of Concrete (Depth Greater than 5 inches)

NOTES:

- 1.) The repair areas shown are estimated based on field inspections conducted in February 2026. The actual repair areas required shall be verified according to the special provisions.
- 2.) Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of pier located below the top of the cap.

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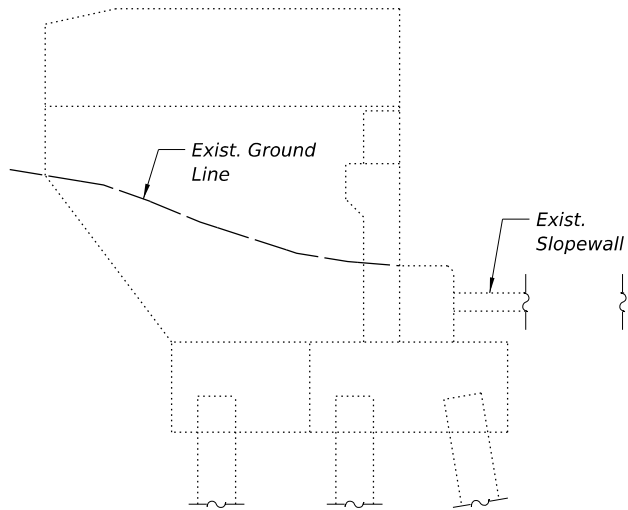
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	CHECKED - RA	REVISED -
	DRAWN - DJM	REVISED -
PLOT DATE = 5/1/2026	CHECKED - RA	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

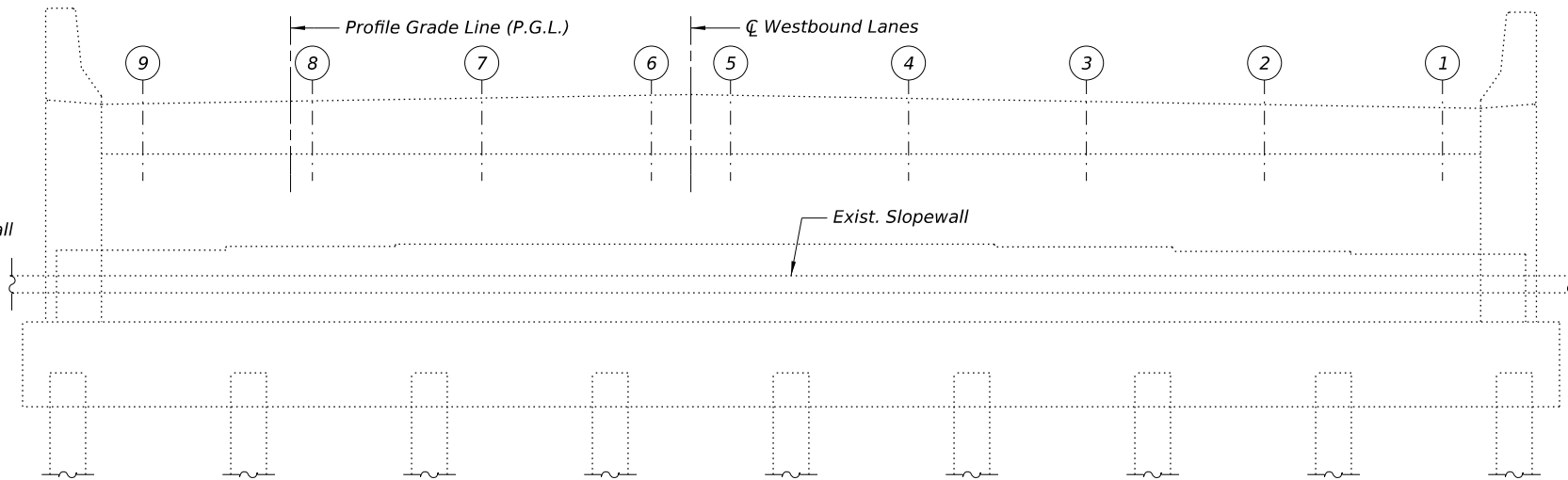
**ABUTMENT REPAIR DETAILS
STRUCTURE NO. 037-0039 (E.B.)**

SCALE: SHEET SB-20 OF SB-29 SHEETS STA. TO STA.

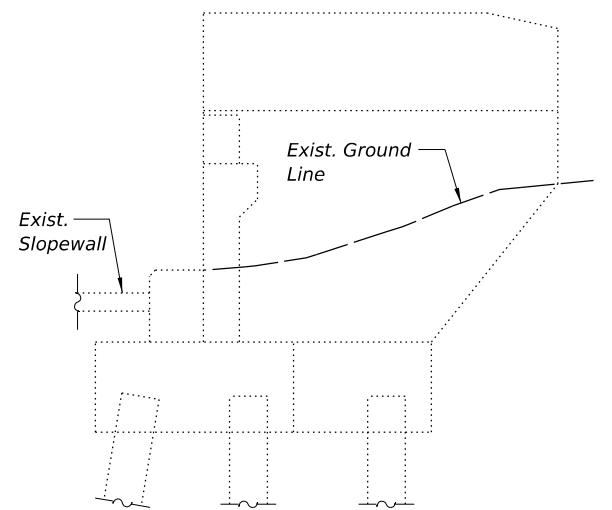
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	98
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



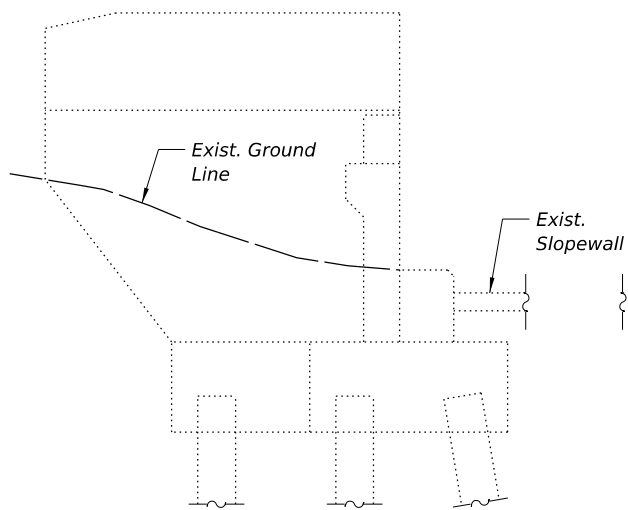
SOUTHWEST WINGWALL ELEVATION
(Looking North)



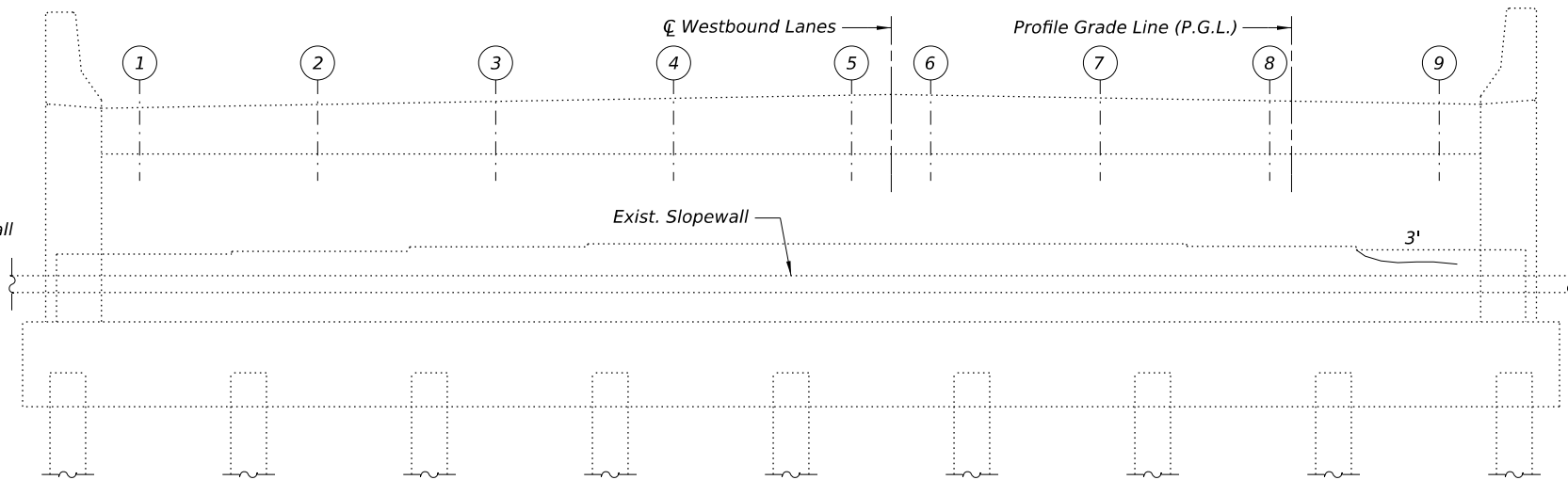
WEST ABUTMENT ELEVATION
(Looking West)



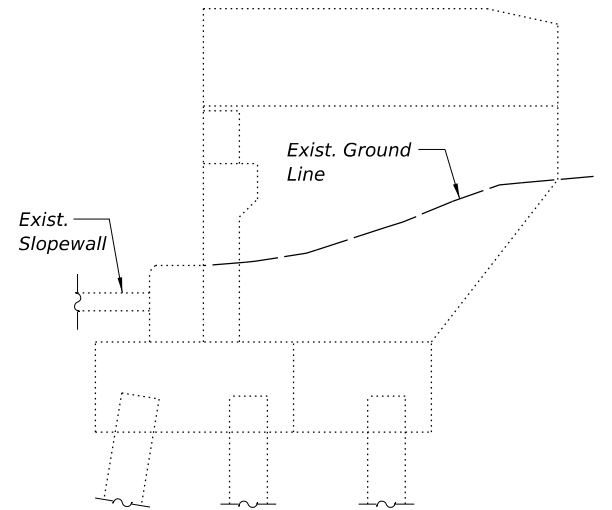
NORTHWEST WINGWALL ELEVATION
(Looking South)



NORTHEAST WINGWALL ELEVATION
(Looking South)



EAST ABUTMENT ELEVATION
(Looking East)



SOUTHEAST WINGWALL ELEVATION
(Looking North)

LEGEND
L.F. Epoxy Crack Injection

BILL OF MATERIAL

Item	Unit	Total
Epoxy Crack Injection	Foot	3
Concrete Sealer	Sq. Ft.	276

NOTES:

- 1.) The repair areas shown are estimated based on field inspections conducted in February 2026. The actual repair areas required shall be verified according to the special provisions.
- 2.) Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of pier located below the top of the cap.

MODEL: 0370039-0040-64T43-StrBorder [Sheet]
FILE NAME: c:\pwworking\arn-pw-41\dms15506\0370039-0040-64T43-StrBorder.dgn



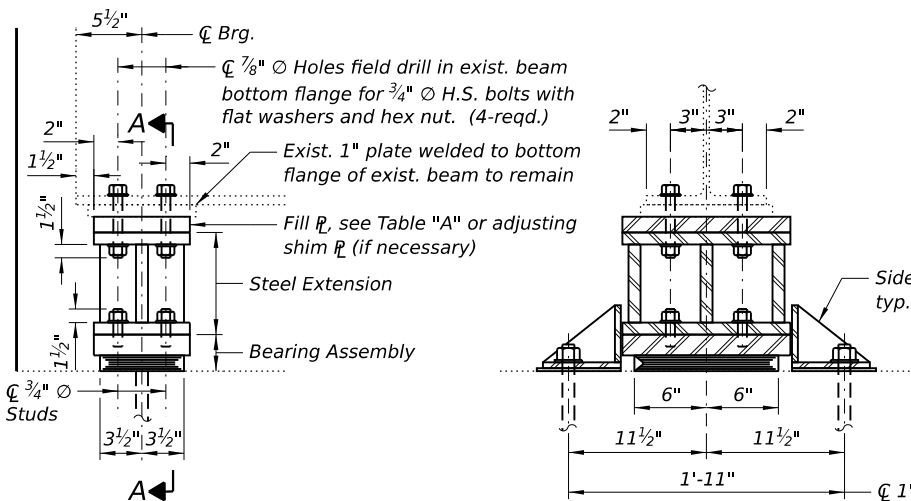
USER NAME = dmeyer	DESIGNED - EMW	REVISED -
	CHECKED - RA	REVISED -
	DRAWN - DJM	REVISED -
PLOT DATE = 5/1/2026	CHECKED - RA	REVISED -

**STATE OF ILLINOIS
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**ABUTMENT REPAIR DETAILS
STRUCTURE NO. 037-0040 (W.B.)**

SCALE: SHEET SB-21 OF SB-29 SHEETS STA. TO STA.

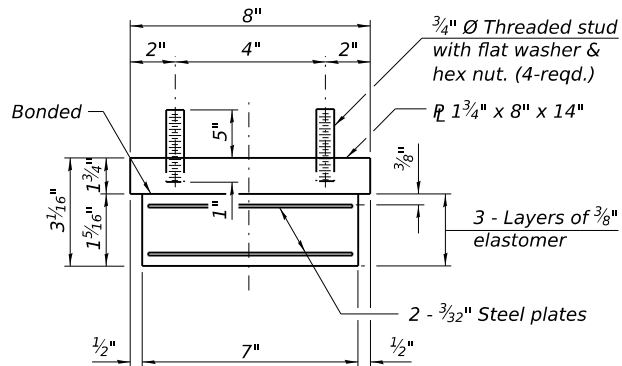
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	99
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



ELEVATION AT ABUT.

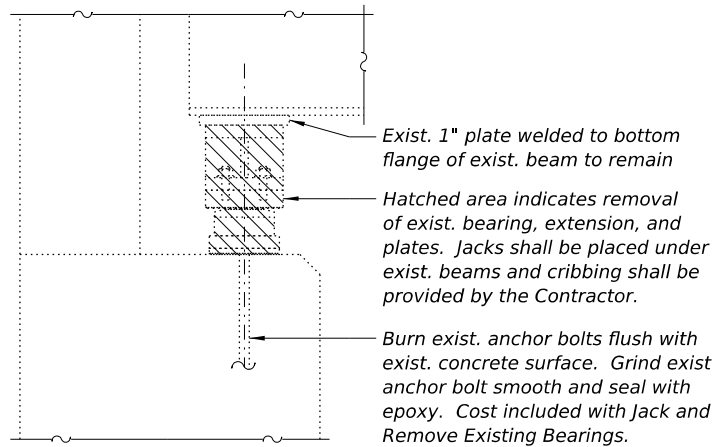
SECTION A-A

TYPE I ELASTOMERIC EXP. BRG.
(West Abutments)

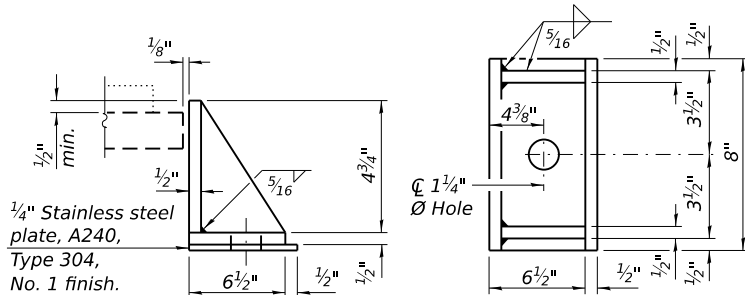


BEARING ASSEMBLY
(West Abutments)

Note:
Shim plates shall not be placed
under bearing assembly.

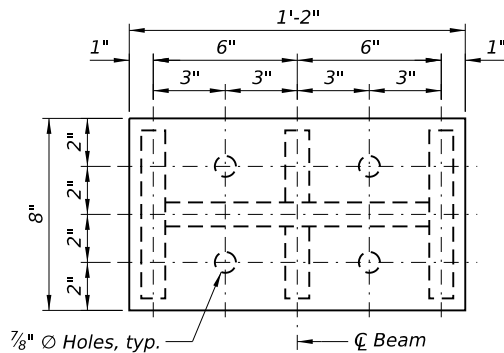


BEARING REMOVAL

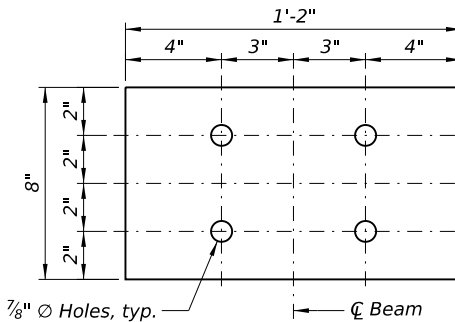


SIDE RETAINER

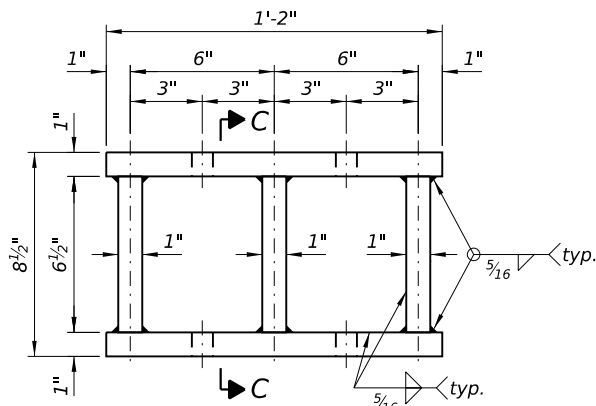
Equivalent rolled angle with stiffeners
will be allowed in lieu of welded plates.



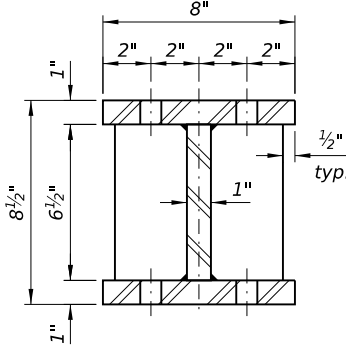
PLAN STEEL EXTENSION



FILL PLATE



ELEVATION STEEL EXTENSION



SECTION C-C

Notes:

Two $\frac{1}{8}$ in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

New steel extension, shim plate and connection bolts are included in the cost of Furnishing and Erecting Structural Steel.

Prior to ordering any material, the Contractor shall verify in the field all bearing height and shim thickness dimensions. Adjustment must account for deck heave due to pack rust (if present).

Min. jack capacity = 26 tons.

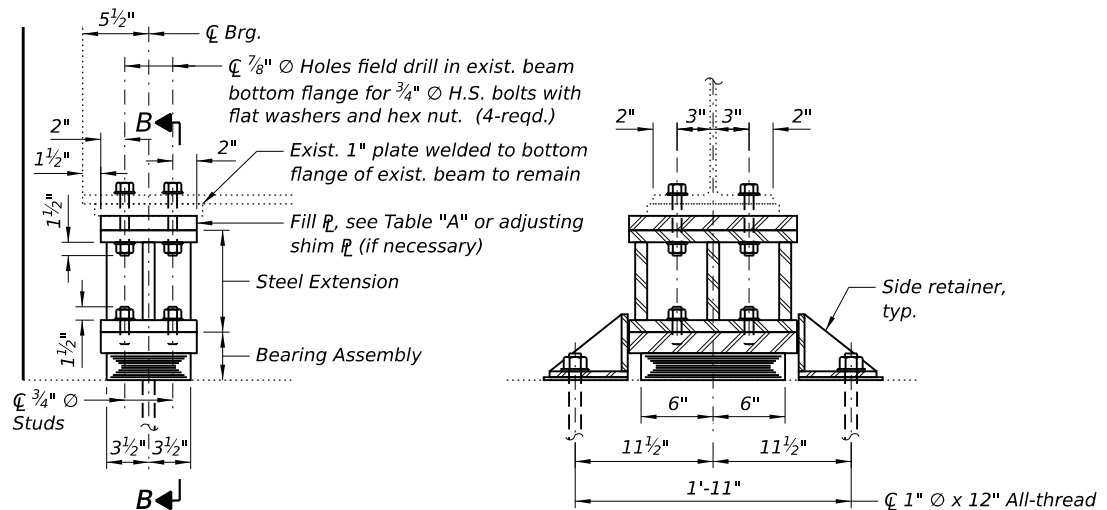
Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 ($F_y=36$ ksi).

The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

Side retainers and stainless steel plates for the Type I elastomeric bearing assembly shall be included in the cost of Elastomeric Bearing Assembly, Type I.

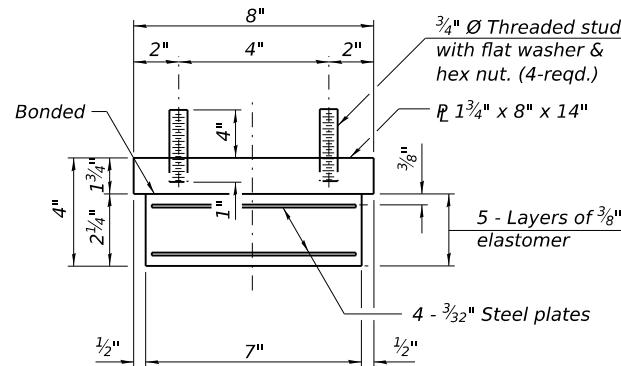
Anchor bolts and side retainers at all supports shall be installed as each member is erected unless an equivalent temporary means of lateral restraint is used.



ELEVATION AT ABUT.

SECTION B-B

TYPE I ELASTOMERIC EXP. BRG.
(East Abutments)



BEARING ASSEMBLY
(East Abutments)

Note:
Shim plates shall not be placed
under bearing assembly.

TABLE "A"

Beam No.	Fill Plate Thickness (in.)			
	S.N. 037-0039 (E.B.) West Abut.	S.N. 037-0040 (W.B.) East Abut.	S.N. 037-0040 (W.B.) West Abut.	S.N. 037-0040 (W.B.) East Abut.
1	--	--	$1\frac{13}{16}$ "	$\frac{1}{4}$ "
2	--	--	$2\frac{3}{16}$ "	$\frac{7}{8}$ "
3	--	--	$1\frac{9}{16}$ "	$\frac{3}{4}$ "
4	--	--	$1\frac{11}{16}$ "	$\frac{3}{4}$ "
5	--	--	$2\frac{1}{8}$ "	$1\frac{3}{16}$ "
6	--	--	$2\frac{7}{16}$ "	$1\frac{3}{8}$ "
7	--	--	$1\frac{7}{8}$ "	$1\frac{3}{16}$ "
8	--	--	$1\frac{5}{8}$ "	$\frac{3}{4}$ "
9	--	--	$1\frac{5}{16}$ "	$\frac{3}{8}$ "
10	$1\frac{5}{8}$ "	$\frac{5}{8}$ "	--	--
11	$1\frac{7}{8}$ "	$\frac{1}{2}$ "	--	--
12	$1\frac{3}{4}$ "	$\frac{3}{4}$ "	--	--
13	$1\frac{15}{16}$ "	$1\frac{1}{4}$ "	--	--
14	$1\frac{11}{16}$ "	$\frac{7}{8}$ "	--	--
15	$1\frac{1}{2}$ "	$\frac{5}{16}$ "	--	--
16	$1\frac{9}{16}$ "	$\frac{3}{8}$ "	--	--
17	$1\frac{15}{16}$ "	$\frac{5}{8}$ "	--	--
18	$1\frac{5}{16}$ "	$\frac{1}{8}$ "	--	--

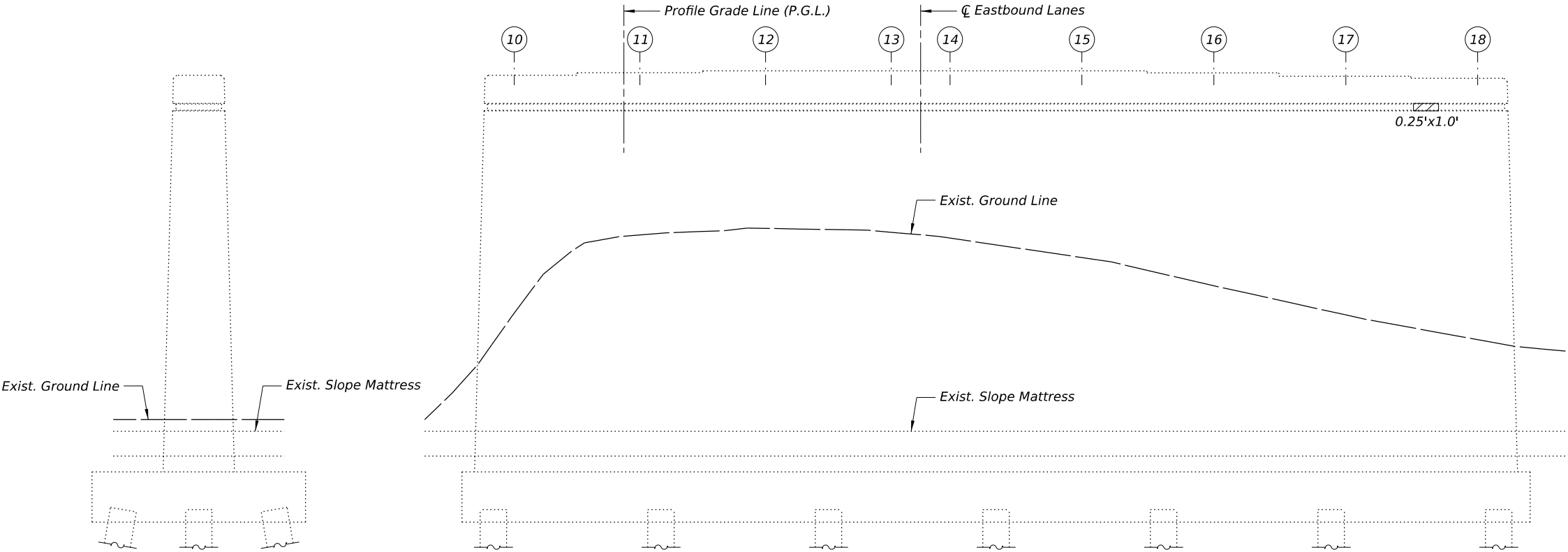
INTERIOR BEAM REACTION TABLE

		Existing E. / W. Abuts.	Proposed E. / W. Abuts.
R DL	(K)	16.86	20.34
R LL	(K)	26.08 (HS20)	38.68 (HL-93)
Imp.	(K)	7.87	10.84
R (Total)	(K)	50.81	69.85

BILL OF MATERIAL

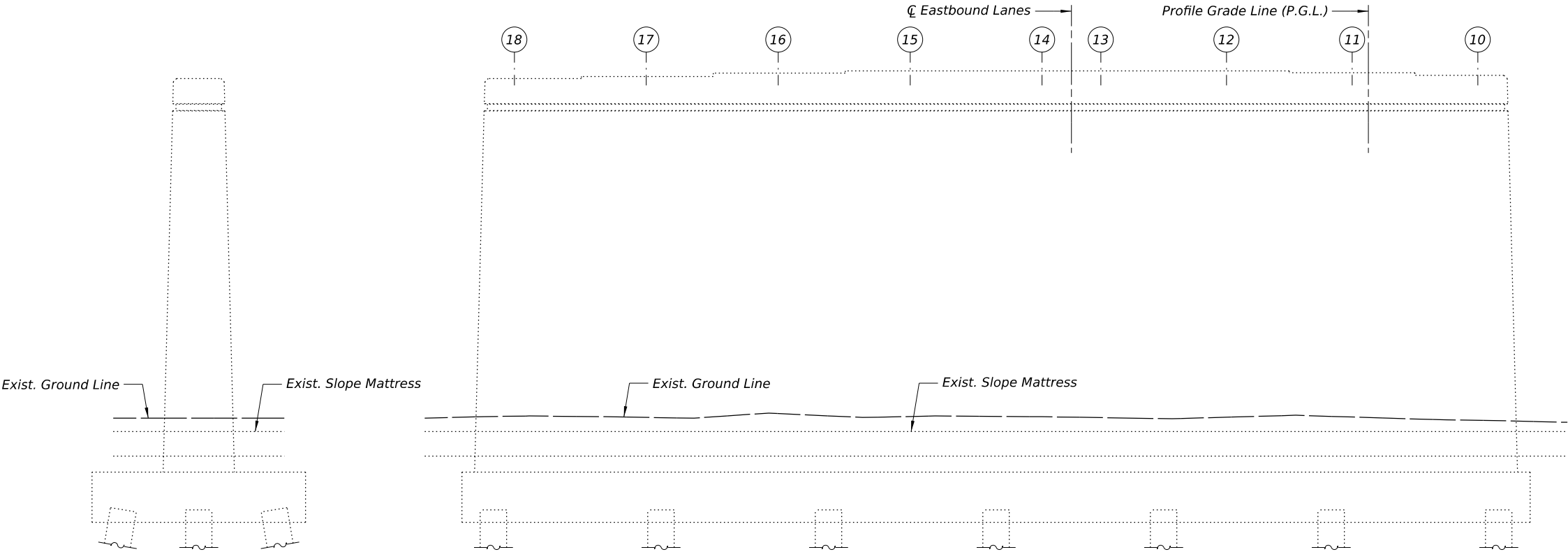
Item	Unit	Total
Furnishing and Erecting Structural Steel	Pound	3,590
Elastomeric Bearing Assembly, Type I	Each	36
Anchor Bolts, 1"	Each	72
Jack and Remove Existing Bearings	Each	36

MODEL: 0370039-0040-64T43-StrBorder [Sheet]
FILE NAME: c:\pwworking\arn-pw-41\ms15506\0370039-0040-64T43-StrBorder.dgn



PIER 1 END VIEW
(Looking South)

PIER 1 ELEVATION
(Looking East)



PIER 1 END VIEW
(Looking North)

PIER 1 ELEVATION
(Looking West)

LEGEND

 Structural Repair of Concrete
(Depth Equal to or Less than
5 inches)

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq. Ft.	1
Concrete Sealer	Sq. Ft.	1,026

NOTES:

- 1.) The repair areas shown are estimated based on field inspections conducted in February 2026. The actual repair areas required shall be verified according to the special provisions.
- 2.) Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of pier located below the top of the cap.



USER NAME = dmeyer
PLOT DATE = 5/1/2026

DESIGNED - EMW
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CHECKED - RA

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REVISED -

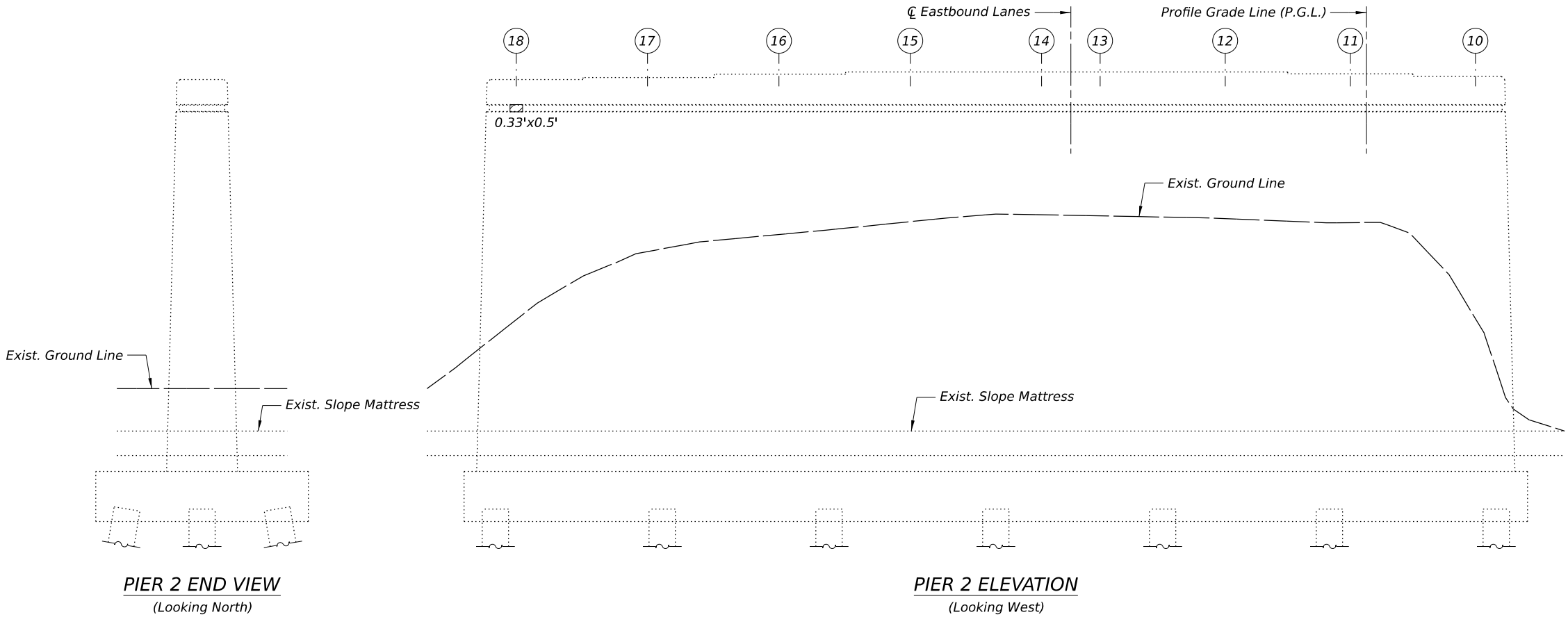
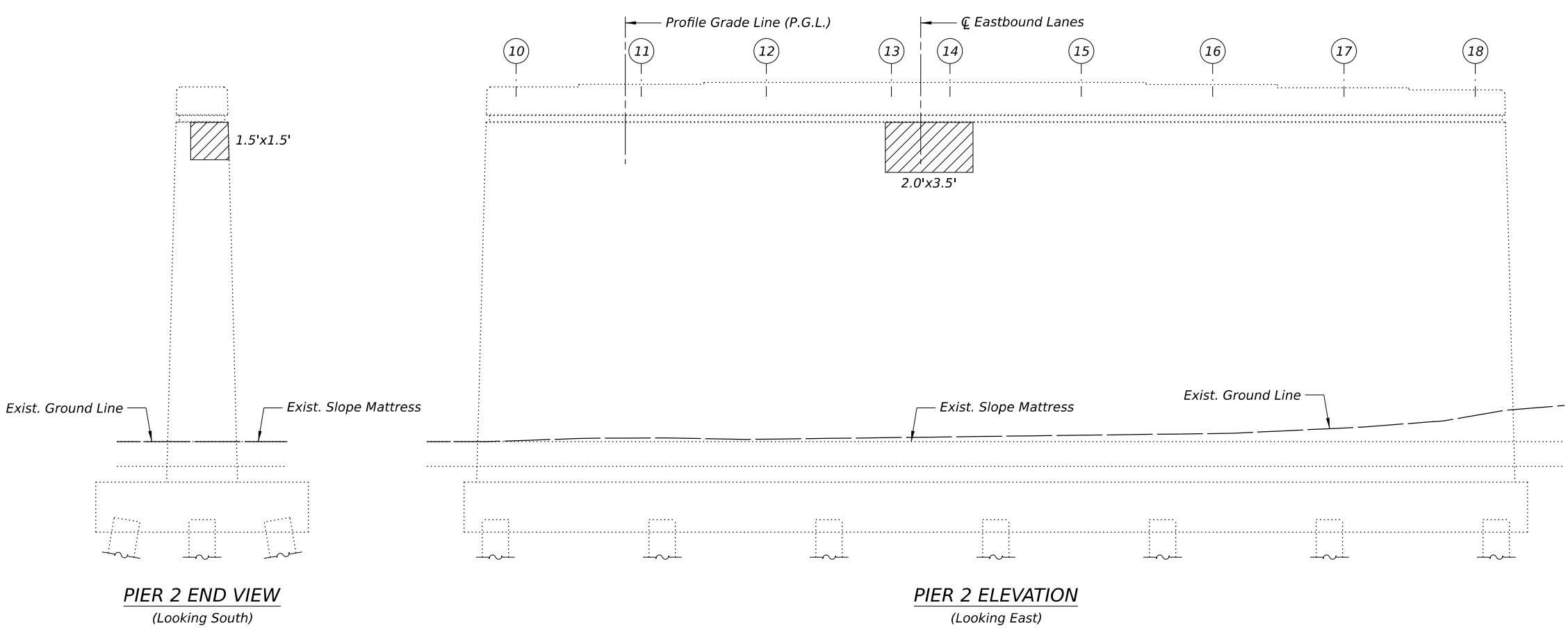
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER REPAIR DETAILS
STRUCTURE NO. 037-0039 (E.B.)

SCALE: SHEET SB-23 OF SB-29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	101
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

MODEL: 0370039-0040-64T43-StrBorder [Sheet]
FILE NAME: c:\pwworking\arn-pw-411\dms15506\0370039-0040-64T43-StrBorder.dgn



LEGEND

 Structural Repair of Concrete
(Depth Equal to or Less than
5 inches)

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq. Ft.	10
Concrete Sealer	Sq. Ft.	1,013

- NOTES:**
- 1.) The repair areas shown are estimated based on field inspections conducted in February 2026. The actual repair areas required shall be verified according to the special provisions.
 - 2.) Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of pier located below the top of the cap.



USER NAME = dmeyer	DESIGNED - EMW	REVISED -
	CHECKED - RA	REVISED -
	DRAWN - DJM	REVISED -
PLOT DATE = 5/1/2026	CHECKED - RA	REVISED -

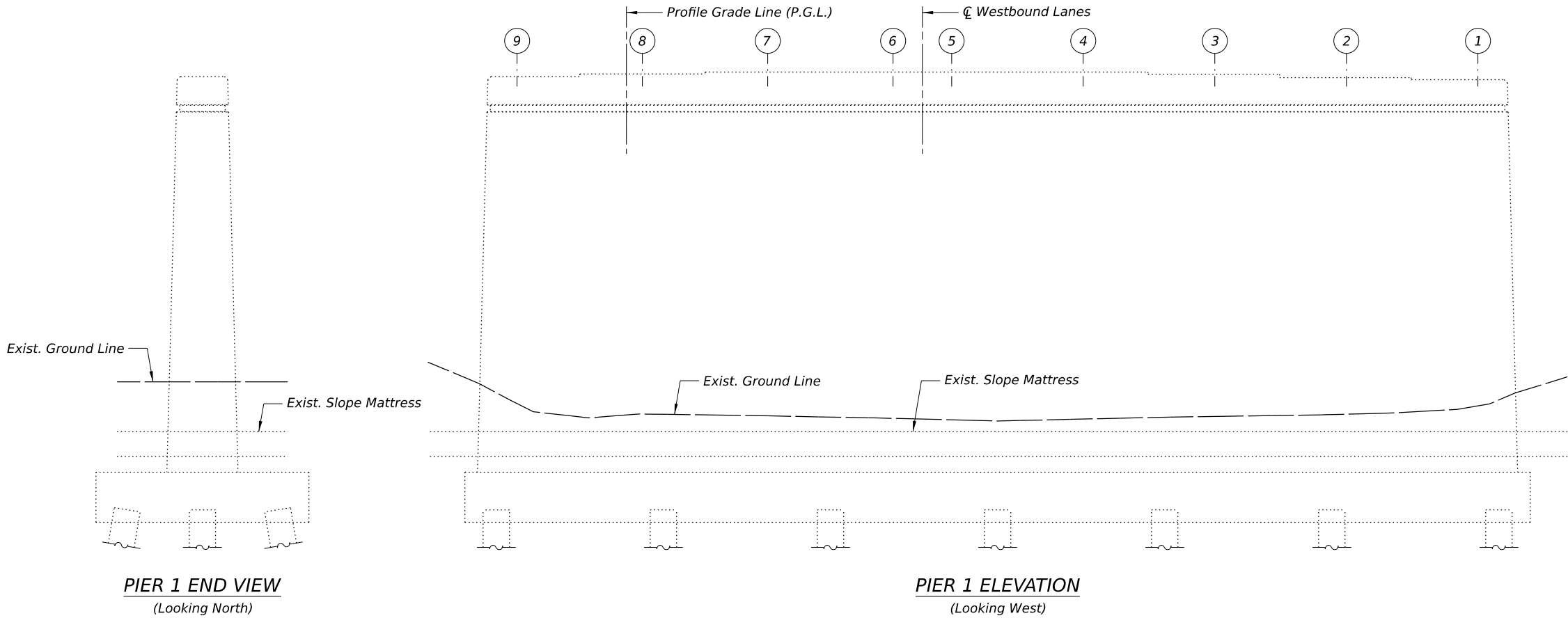
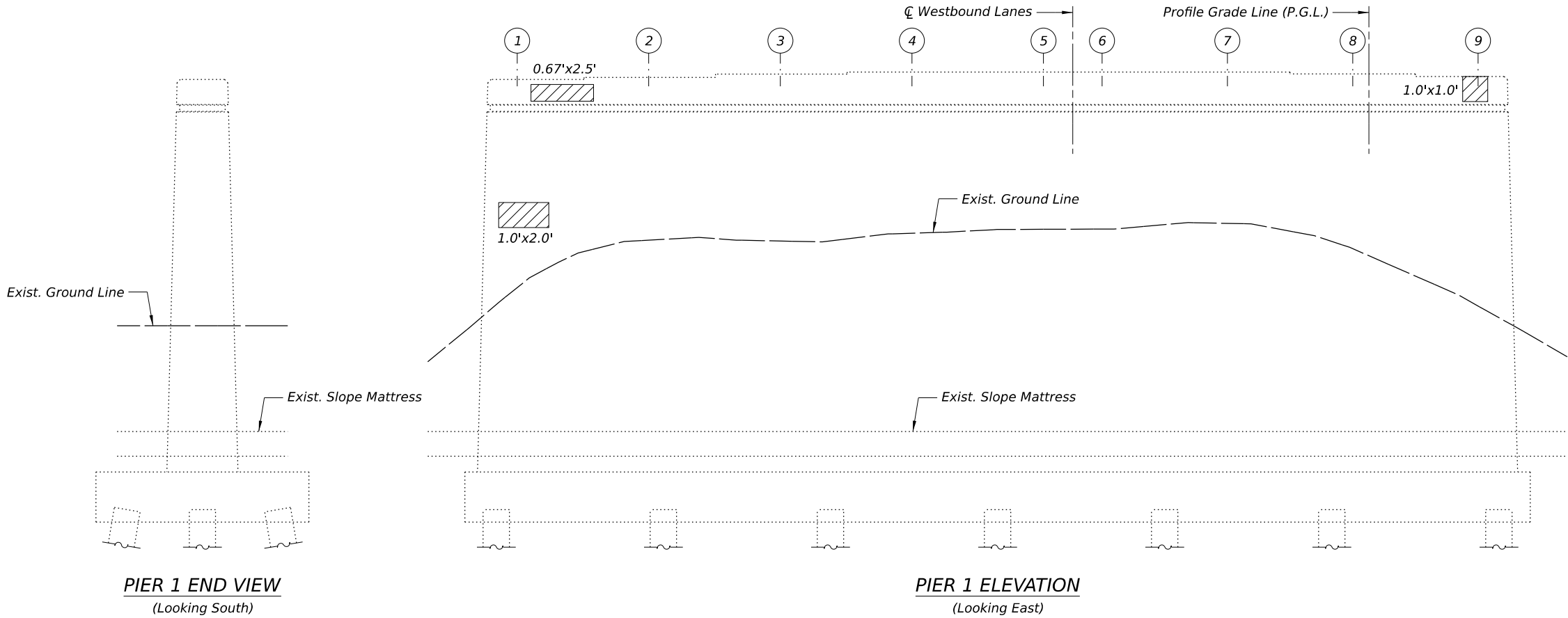
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER REPAIR DETAILS
STRUCTURE NO. 037-0039 (E.B.)

SCALE: SHEET SB-24 OF SB-29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	102
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

MODEL: 0370039-0040-64T43-StrBorder [Sheet]
FILE NAME: c:\pwworking\arn-pw-411\dms15506\0370039-0040-64T43-StrBorder.dgn



LEGEND

 Structural Repair of Concrete
(Depth Equal to or Less than
5 inches)

BILL OF MATERIAL		
Item	Unit	Total
Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq. Ft.	5
Concrete Sealer	Sq. Ft.	918

- NOTES:**
- 1.) The repair areas shown are estimated based on field inspections conducted in February 2026. The actual repair areas required shall be verified according to the special provisions.
 - 2.) Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of pier located below the top of the cap.



USER NAME = dmeyer	DESIGNED - EMW	REVISED -
	CHECKED - RA	REVISED -
	DRAWN - DJM	REVISED -
PLOT DATE = 5/1/2026	CHECKED - RA	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER REPAIR DETAILS
STRUCTURE NO. 037-0040 (W.B.)

SCALE: SHEET SB-25 OF SB-29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	103
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

MODEL: 0370039-0040-64T43-StrBorder [Sheet]
FILE NAME: c:\pwworking\arn-pw-411\dms15506\0370039-0040-64T43-StrBorder.dgn

Exist. Ground Line

Exist. Slope Mattress

PIER 2 END VIEW

(Looking South)

Exist. Ground Line

Exist. Slope Mattress

PIER 2 ELEVATION

(Looking East)

Exist. Ground Line

Exist. Slope Mattress

PIER 2 END VIEW

(Looking North)

Exist. Ground Line

Exist. Slope Mattress

PIER 2 ELEVATION

(Looking West)

CL Westbound Lanes

Profile Grade Line (P.G.L.)

2.0'x3.0'

Profile Grade Line (P.G.L.)

CL Westbound Lanes

1.33'x2.0'

0.25'x1.0'

2.33'x4.5'

0.25'x4.25'

LEGEND

L.F. Epoxy Crack Injection

Structural Repair of Concrete
(Depth Equal to or Less than
5 inches)

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq. Ft.	21
Concrete Sealer	Sq. Ft.	1,039
Epoxy Crack Injection	Foot	2

NOTES:

- 1.) The repair areas shown are estimated based on field inspections conducted in February 2026. The actual repair areas required shall be verified according to the special provisions.
- 2.) Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of pier located below the top of the cap.



USER NAME = dmeyer

DESIGNED - EMW

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DRAWN - DJM

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PLOT DATE = 5/1/2026

CHECKED - RA

REVIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER REPAIR DETAILS
STRUCTURE NO. 037-0040 (W.B.)

SCALE:

SHEET SB-26 OF SB-29 SHEETS

STA.

TO STA.

F.A.I.
RTE.

SECTION

COUNTY

TOTAL
SHEETS

SHEET
NO.

80

(37-(3-1,4,5,6))BRR

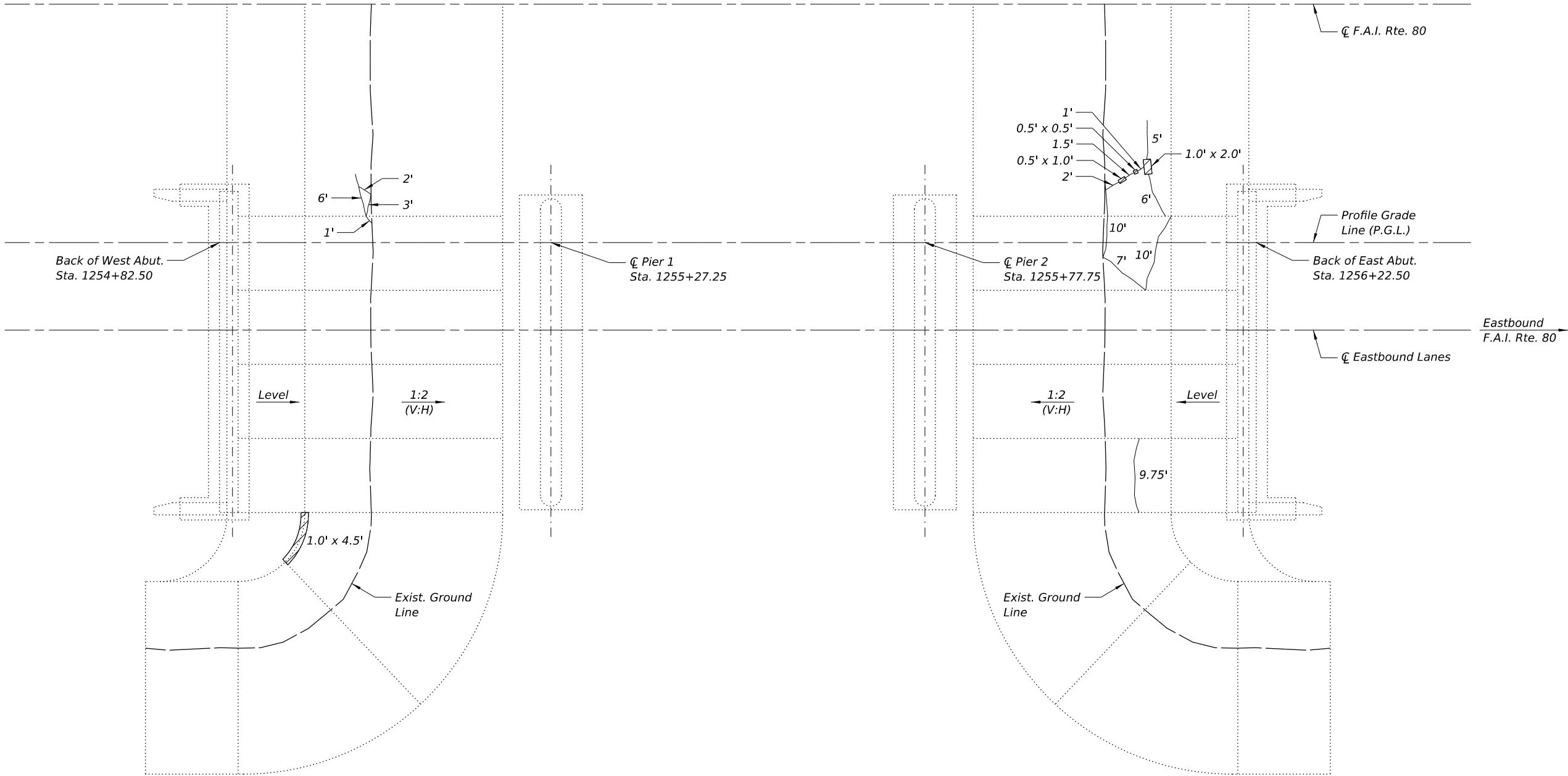
HENRY

169

104

CONTRACT NO. 64T43

ILLINOIS FED. AID PROJECT



PLAN



LEGEND

-  Slope Wall Crack Sealing
-  Slope Wall Repair

BILL OF MATERIAL

Item	Unit	Total
Slope Wall Crack Sealing	Foot	65
Slope Wall Repair	Sq. Yd.	1

NOTES:

- The repair areas shown are estimated based on field inspections conducted in February 2026. The actual repair areas required shall be verified according to the special provisions.
- The quantities shown for Slope Wall Crack Sealing have been increased beyond those identified in the Plan view shown on this sheet to account for sealing of open joints.

MODEL: 0370039-0040-64T43-StrBorder [Sheet]
FILE NAME: c:\pw_working\lan-pw-41\ms15506\0370039-0040-64T43-StrBorder.dgn



USER NAME = dmeyer	DESIGNED - EMW	REVISED -
	CHECKED - RA	REVISED -
	DRAWN - DJM	REVISED -
PLOT DATE = 5/1/2026	CHECKED - RA	REVISED -

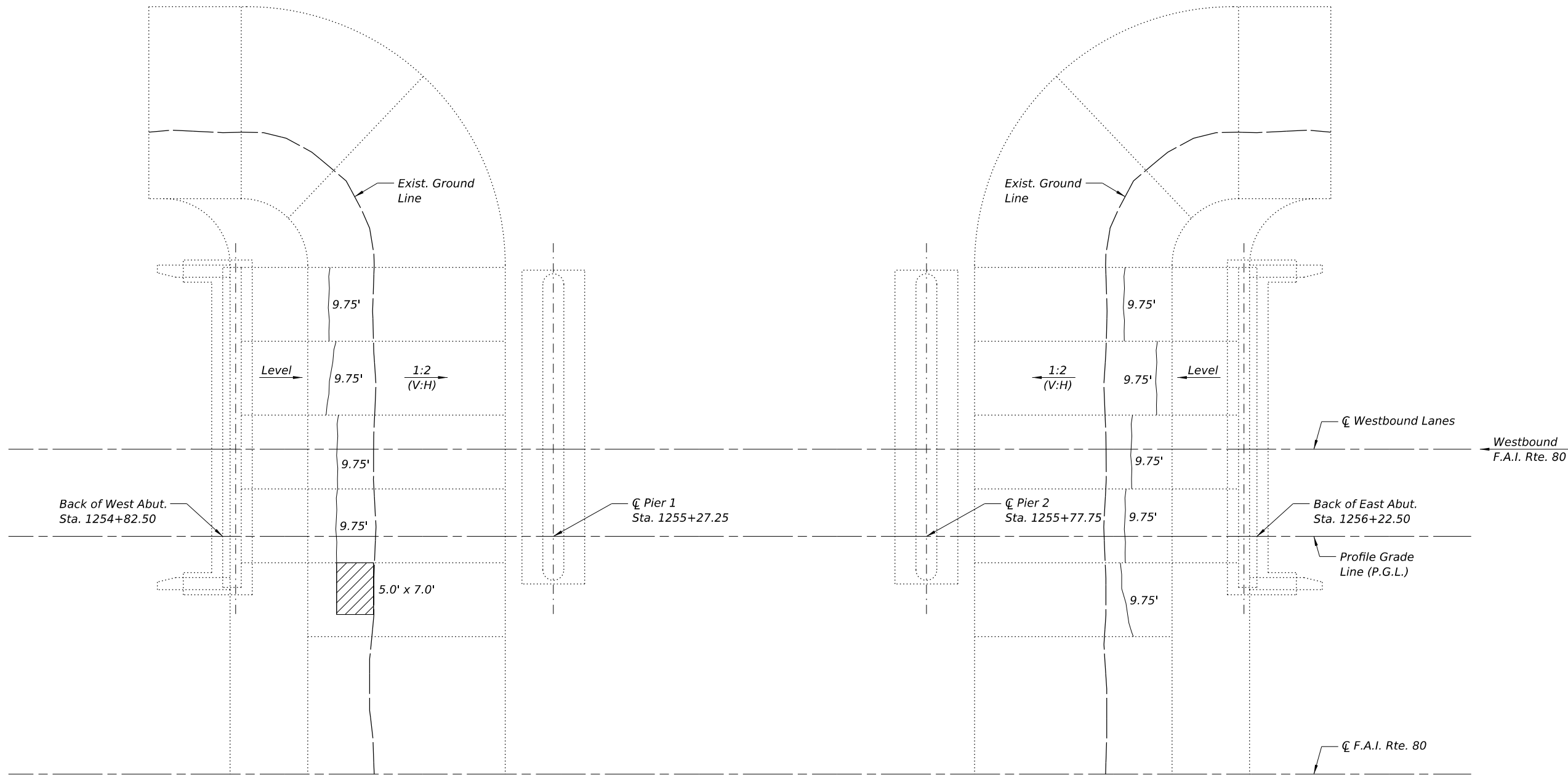
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SLOPE WALL REPAIR PLAN AND DETAILS
STRUCTURE NO. 037-0039 (E.B.)

SCALE: SHEET SB-27 OF SB-29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	105
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

MODEL: 0370039-0040-64T43-StrBorder [Sheet]
FILE NAME: c:\pwworking\arn-pw-41\ms15506\0370039-0040-64T43-StrBorder.dgn



PLAN



LEGEND

- L.F. Slope Wall Crack Sealing
-  Slope Wall Repair

BILL OF MATERIAL

Item	Unit	Total
Slope Wall Crack Sealing	Foot	88
Slope Wall Repair	Sq. Yd.	4

NOTES:

- The repair areas shown are estimated based on field inspections conducted in February 2026. The actual repair areas required shall be verified according to the special provisions.
- The quantities shown for Slope Wall Crack Sealing have been increased beyond those identified in the Plan view shown on this sheet to account for sealing of open joints.



USER NAME = dmeyer	DESIGNED - EMW	REVISED -
	CHECKED - RA	REVISED -
	DRAWN - DJM	REVISED -
PLOT DATE = 5/1/2026	CHECKED - RA	REVISED -

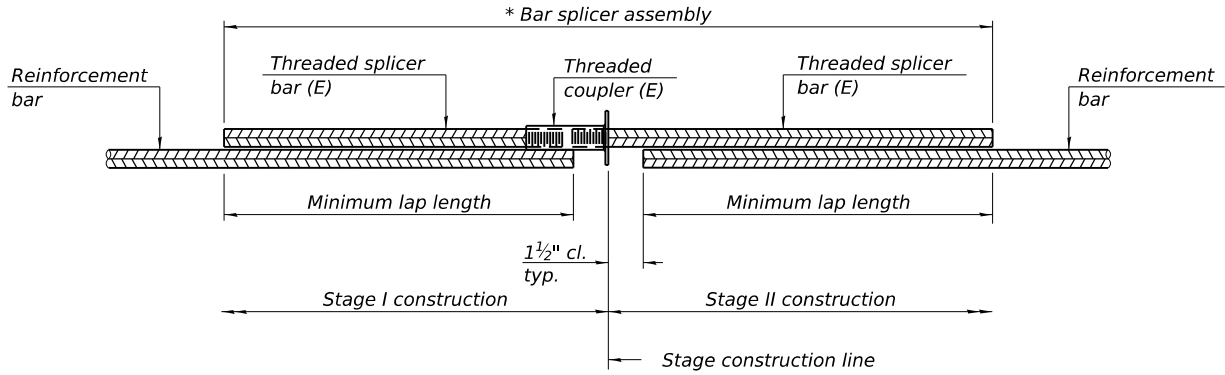
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SLOPE WALL REPAIR PLAN AND DETAILS
STRUCTURE NO. 037-0040 (W.B.)

SCALE: SHEET SB-28 OF SB-29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	106
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

MODEL: 0370039-0040-64T43-SfrBorder [Sheet]
FILE NAME: c:\pwworking\arn-pw-c11\ms15506\0370039-0040-64T43-SfrBorder.dgn



STANDARD BAR SPLICER ASSEMBLY PLAN

Only bar splicer assemblies as presented on the approved QPL list may be used.

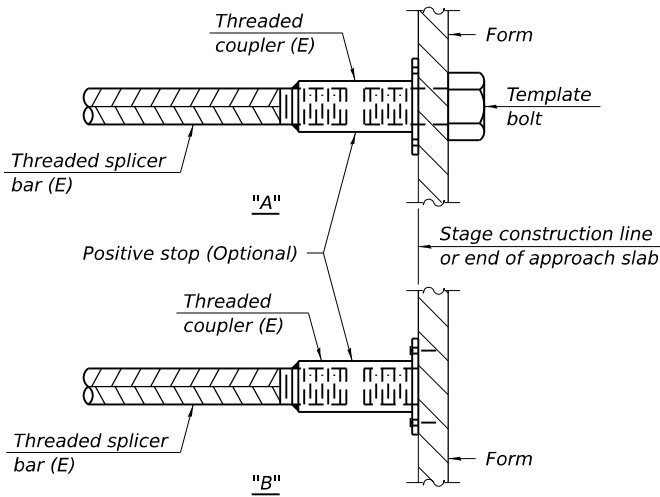
Threaded splicer bar length = min. lap length + 1½" + thread length

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

Location	Bar size	No. assemblies required	Minimum lap length
Deck Slab	#5	40	3'-10"
Diaphragm	#6	48	3'-6"
Top of Approach Slab	#5	184	2'-6"
Bottom of Approach Slab	#8	240	7'-4"
Approach Footing	#5	160	3'-5"

Note:

Number of assemblies listed at 4 areas per each location listed.

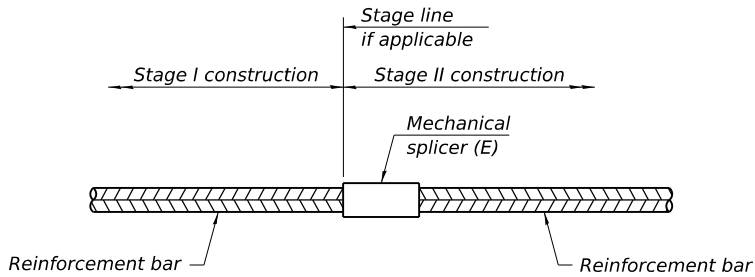


INSTALLATION AND SETTING METHODS

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

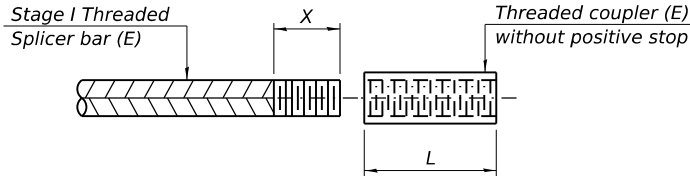
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



THREADING OF ASSEMBLIES

The threaded length "X" shall be no more than L/2. The bar should be tightened until 0-1 thread(s) is/are exposed.

Notes:

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

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

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

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

BSD-1

4-4-2025



USER NAME = dmeyer	DESIGNED - EMW	REVISED -
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	DRAWN - DJM	REVISED -
PLOT DATE = 5/1/2026	CHECKED - RA	REVISED -

STATE OF ILLINOIS
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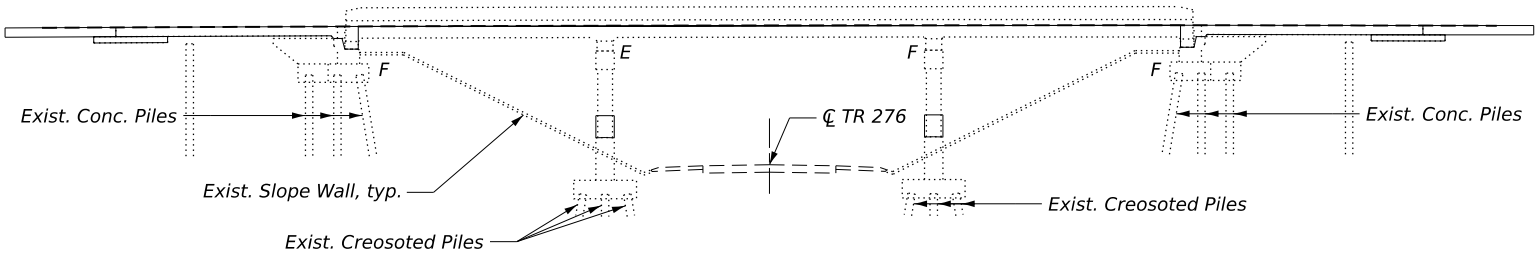
BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
STRUCTURE NO. 037-0039 (E.B.) & 037-0040 (W.B.)

SCALE: SHEET SB-29 OF SB-29 SHEETS STA. TO STA.

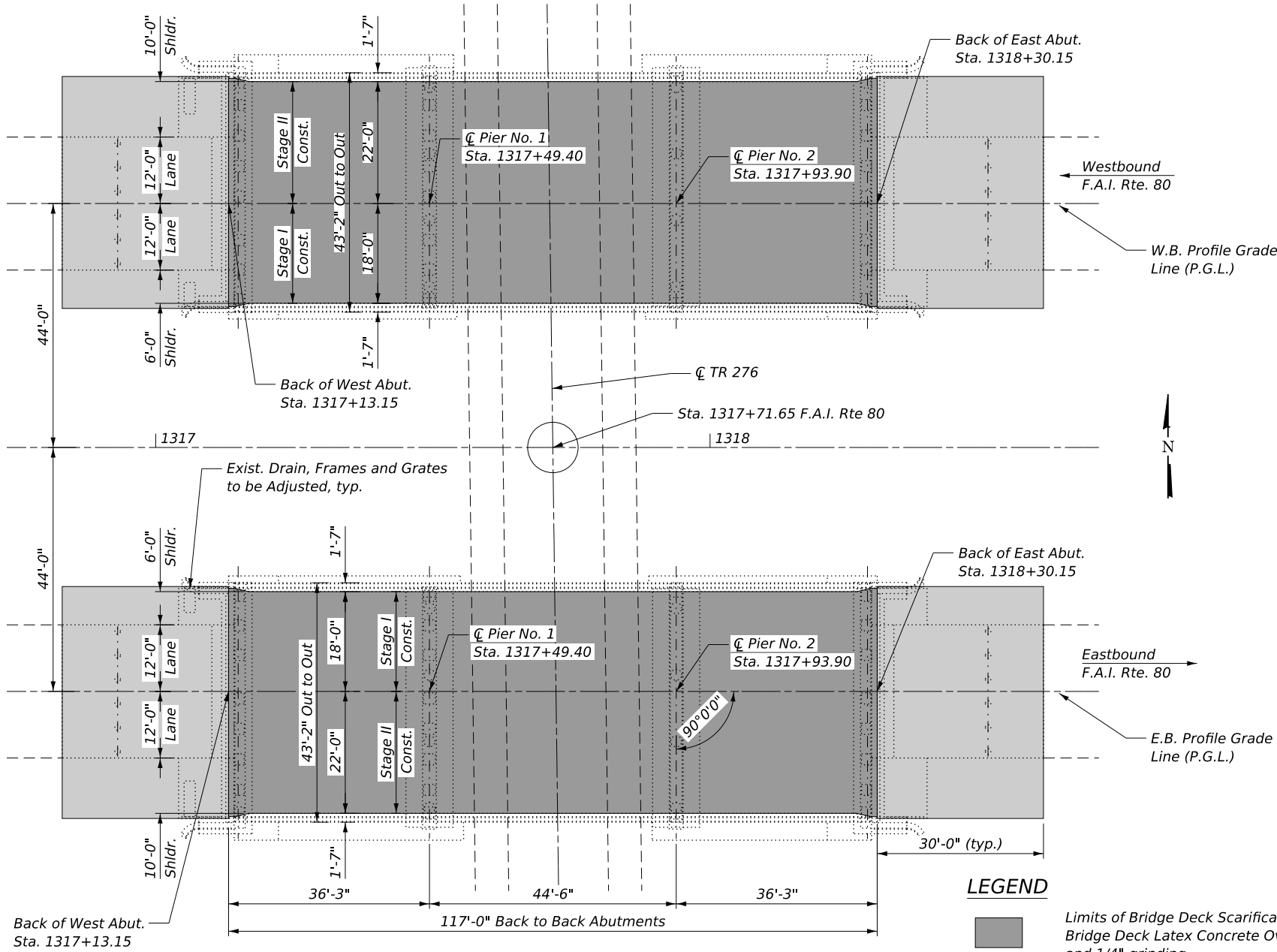
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	107
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

Existing Structure: S.N. 037-0041 (E.B.) and S.N. 037-0042 (W.B.) were constructed in 1960 as Section 37-4HB-2. In 1987, the three-span continuous C.I.P. concrete deck slab and bearings were removed and replaced. The abutments are supported by concrete piles, while the piers are supported by creosoted piles. The back-to-back of abutments length measures 117'-0" and the out-to-out deck measures 43'-2". The span lengths are 36'-3", 44'-6", and 36'-3". The structures are not skewed. Traffic shall be maintained utilizing traffic staging.

No Salvage.



ELEVATION
(LOOKING NORTH)



PLAN

LEGEND

- Limits of Bridge Deck Scarification 3/4", Bridge Deck Latex Concrete Overlay, 2 1/2", and 1/4" grinding
- Proposed Approach Slab and 1/4" grinding

- 1.) Convert existing stub abutments to semi-integral abutments.
- 2.) Scarification of bridge deck.
- 3.) Bridge deck full depth repairs.
- 4.) Application of latex concrete overlay to bridge deck, perform diamond grinding, longitudinal bridge deck grooving, and apply protective coat.
- 5.) Remove and replace approach slabs, perform diamond grinding, and adjust frames and grates.
- 6.) Repair existing concrete piers and extend concrete pier crashwalls.
- 7.) Repair existing slope walls.

INDEX OF SHEETS

SHEET NO.	TITLE
SC-01	GENERAL PLAN AND ELEVATION
SC-02	GENERAL DATA AND MISCELLANEOUS DETAILS
SC-03	STAGE CONSTRUCTION
SC-04	TEMPORARY CONCRETE BARRIER
SC-05-06	DECK SLAB REPAIRS
SC-07-08	DECK SLAB REPAIRS - AS BUILT
SC-09-10	JOINT REMOVAL DETAILS
SC-11-12	JOINT REPAIR DETAILS
SC-13-14	BRIDGE APPROACH SLAB DETAILS
SC-14A	PREFORMED JOINT STRIP SEAL
SC-15-18	PIER REPAIR DETAILS
SC-19-20	PIER CRASHWALL EXTENSION
SC-21-22	SLOPE WALL REPAIR
SC-23	BAR SPLICER ASSEMBLY



Signature *[Signature]*
Date *8/7/26*
Exp. Date *11/30/26*

DESIGN SPECIFICATIONS
2002 AASHTO LRFD Bridge Design
Specifications, 17 Edition

EXISTING DESIGN STRESSES

FIELD UNITS (1960)

f'c = 1,400 psi (Super & Sub)
f'c = 3,500 psi (Substructure)
fy = 20,000 psi (Reinforcement)
fy = 18,000 psi (Struct.)

FIELD UNITS (1987)

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 36,000 psi (Struct. Stl.)

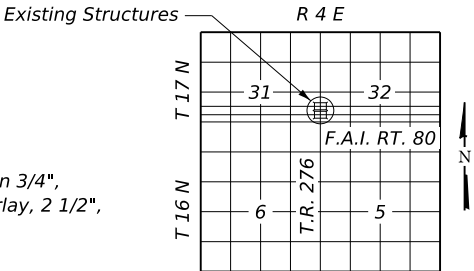
PROPOSED DESIGN STRESSES

FIELD UNITS

f'c = 4,000 psi (Superstructure)
f'c = 3,500 psi (Substructure)
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50)

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.



LOCATION SKETCH

I-80 OVER 190TH STREET

F.A.I. RTE. 80 - SEC. 37-4HB-2
HENRY COUNTY
STRUCTURE NO. 037-0041 (E.B.)
STRUCTURE NO. 037-0042 (W.B.)



USER NAME = Justin.M.Pump	DESIGNED - JMP	REVISED -
PLOT SCALE =	CHECKED - AAG	REVISED -
PLOT DATE = 8/7/2026	DRAWN - JMP	REVISED -
	CHECKED - AAG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 037-0041 (E.B.) & 037-0042 (W.B.)

SHEET SC-01 OF SC-23 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-4HB-2	HENRY	169	108
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

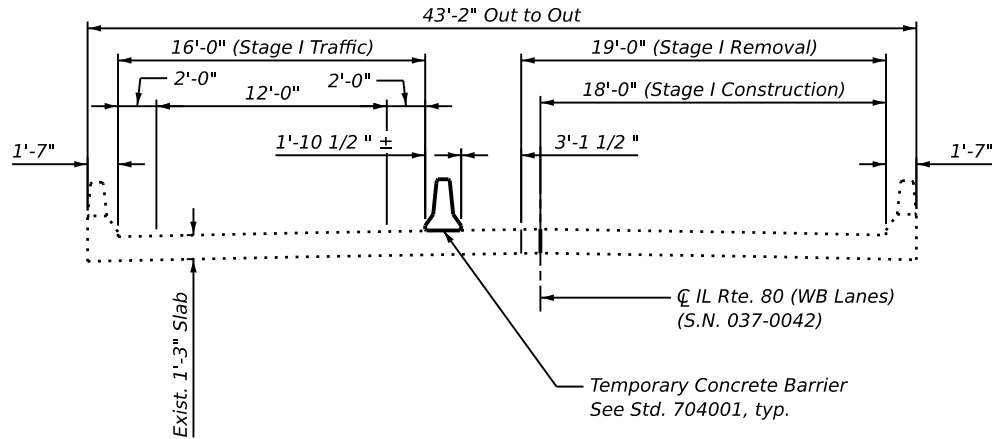
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Stone Dumped Riprap, Class A2	SQ. YD.	130
Concrete Removal	CU. YD.	247.6
Concrete Structures	CU. YD.	80.1
Concrete Superstructure	CU. YD.	30.8
Protective Coat	SQ. YD.	1,042
Concrete Superstructure (Approach Slab)	CU. YD.	240.0
Reinforcement Bars, Epoxy Coated	POUND	100,180
Bar Splicers	EACH	592
Preformed Joint Strip Seal	FOOT	168
Deck Slab Repair (Full Depth, Type 2)	SQ. FT.	10
Bridge Deck Scarification 3/4"	SQ. YD.	1,042
Bridge Deck Latex Concrete Overlay, 2 1/2 Inches	SQ. YD.	1,042
Structural Repair of Concrete (Depth equal to or less than 5")	SQ. FT.	140
Acrylic Coating	SQ. YD.	190
Bridge Deck Grooving (Longitudinal)	SQ. YD.	624
Cleaning and Painting Exposed Rebar	SQ. FT.	444
Diamond Grinding (Bridge Section)	SQ. YD.	1520

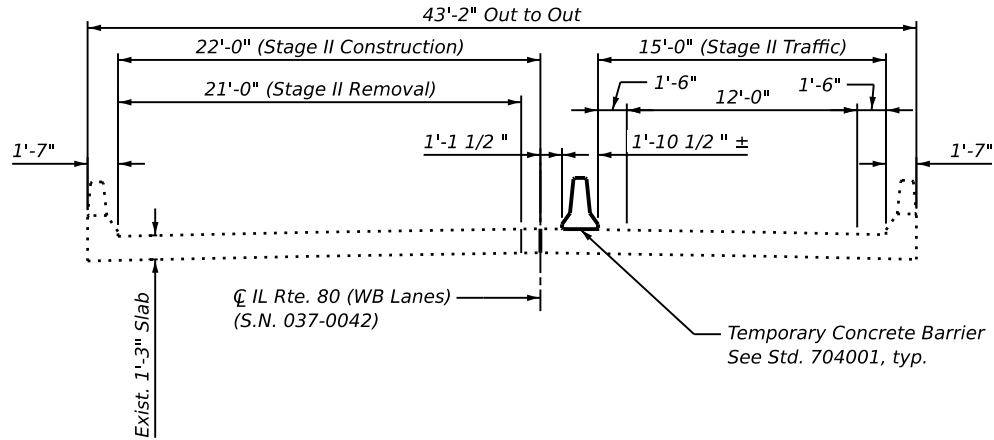
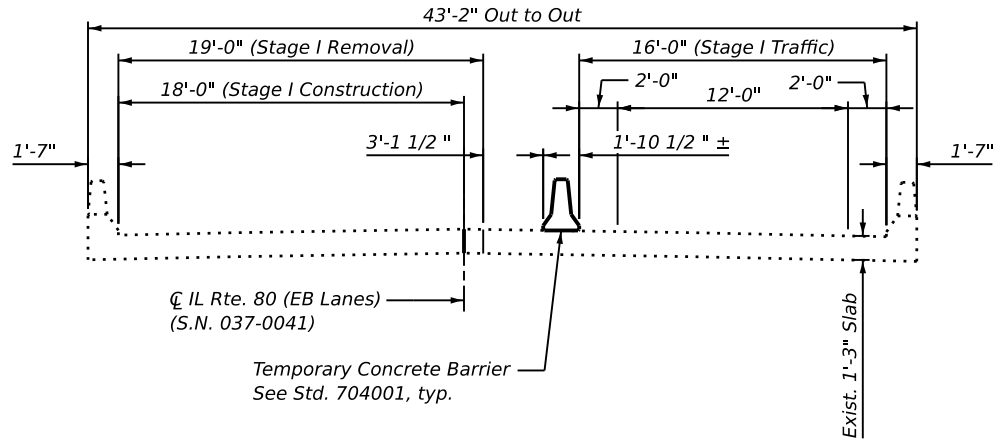
GENERAL NOTES:

- 1.) Reinforcement bars designated (E) shall be epoxy coated.
- 2.) Prior to pouring the new concrete, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces that will be in contact with new 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.
- 3.) Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall 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 work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- 4.) Existing reinforcement extended into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal operations shall be replaced using an approved bar splicer or anchorage system. Cost included with Concrete Removal.
- 5.) Protective Coat shall be applied to top of the Latex Concrete Overlay and to top of new concrete areas.
- 6.) The Contractor may request copies of existing construction plans that are currently on file with the Department. The request shall be in writing with the understanding that any reproduction cost will be at the Contractor's expense at no additional cost to the Department.
- 7.) Acrylic Coating shall only be applied to existing and new concrete areas along the top and inside faces of the parapets.

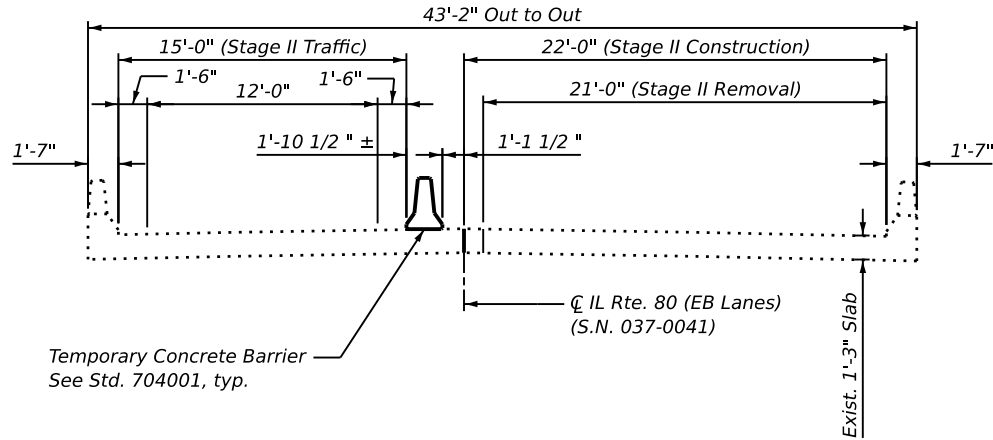
MODEL: 002-General Data
FILE NAME: c:\pw_working\larr-pw-41\ms15618\0370041-42-D264T43-Sheets.dgn



STAGE I REMOVAL & CONSTRUCTION
(LOOKING EAST)



STAGE II REMOVAL & CONSTRUCTION
(LOOKING EAST)



STAGE I REMOVAL

1. Install temporary concrete barrier as shown.
2. Perform $\frac{3}{4}$ " bridge deck scarification.
3. Remove approach slab and shoulder.

STAGE I CONSTRUCTION

1. Perform bridge deck slab repairs.
2. Reconstruct portion of the concrete end diaphragm and the approach slabs within the limits of Stage I Construction.
3. Apply 2½" Bridge Deck Latex Concrete Overlay.
4. Perform ¼" Diamond Grinding to bridge deck and both approaches.
5. Perform Bridge Deck Grooving (Longitudinal) on traffic lanes.
6. Apply Protective Coat to top of the Latex Concrete Overlay, and to top of new concrete areas.
7. Apply Acrylic Coating to top and inside faces of the parapets.

STAGE II REMOVAL

1. Install temporary concrete barrier as shown.
2. Perform $\frac{3}{4}$ " bridge deck scarification.
3. Remove approach slab and shoulder.

STAGE II CONSTRUCTION

1. Perform bridge deck slab repairs.
2. Reconstruct portion of the concrete end diaphragm and the approach slabs within the limits of Stage II Construction.
3. Apply 2½" Bridge Deck Latex Concrete Overlay.
4. Perform ¼" Diamond Grinding to bridge deck and both approaches.
5. Perform Bridge Deck Grooving (Longitudinal) on traffic lanes.
6. Apply Protective Coat to top of the Latex Concrete Overlay, and to top of new concrete areas.
7. Apply Acrylic Coating to top and inside faces of the parapets.

MODEL: 003-Stage Construction
FILE NAME: c:\p\work\p\lans-pw-c1\lms15618\0370041-42-D264T43-Sheets.dgn



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USER NAME = Justin.M.Pump

DESIGNED - JMP

REVISED -

CHECKED - AAG

REVISED -

PLOT SCALE =

DRAWN - JMP

REVISED -

PLOT DATE = 4/24/2026

CHECKED - AAG

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 037-0041 (E.B.) & 037-0042 (W.B.)

SHEET SC-03 OF SC-23 SHEETS

F.A.I

RTE.

80

SECTION

37-4HB-2

COUNTY

HENRY

TOTAL SHEETS

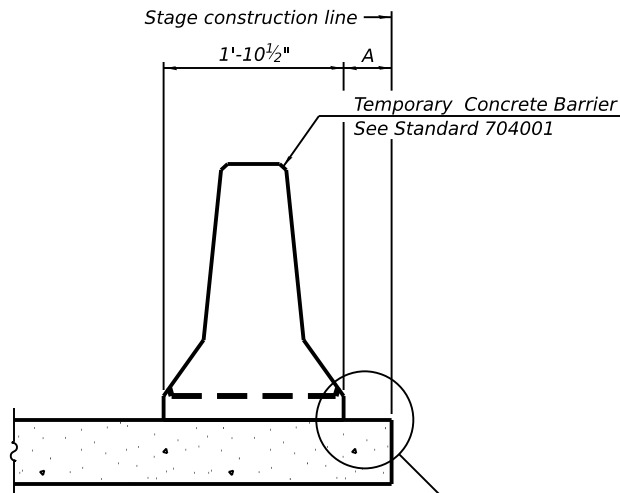
169

SHEET NO.

110

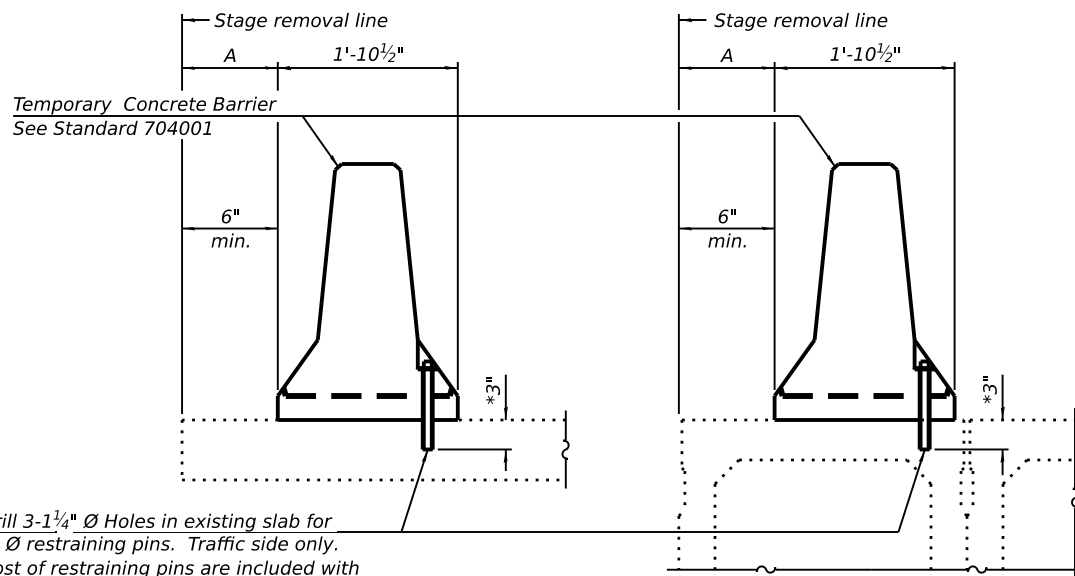
CONTRACT NO. 64T43

ILLINOIS FED. AID PROJECT



When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

NEW SLAB OR NEW DECK BEAM

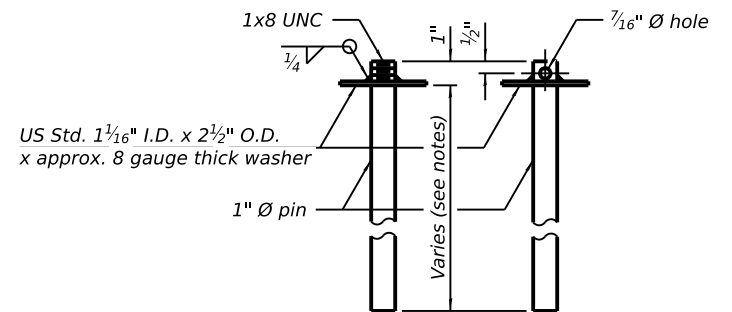


Drill 3-1 1/4" Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

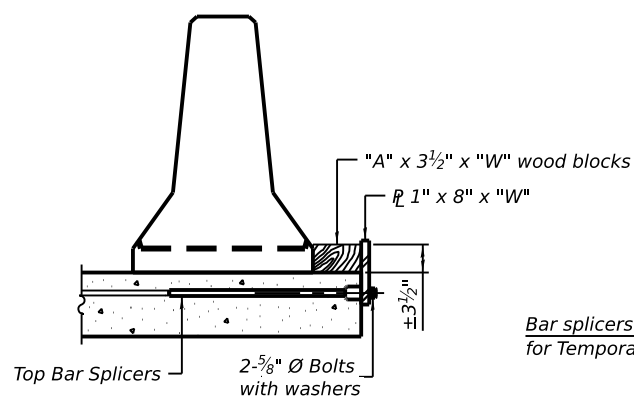
EXISTING SLAB

* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

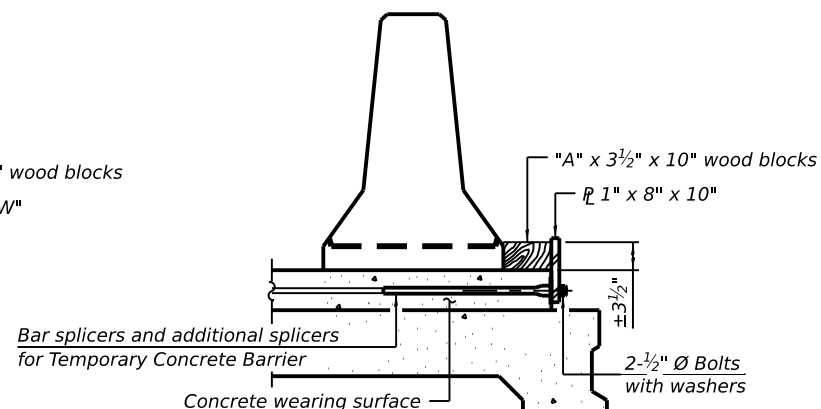
EXISTING DECK BEAM



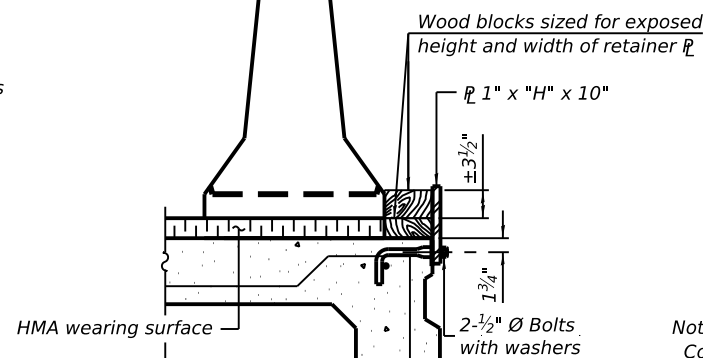
RESTRAINING PIN



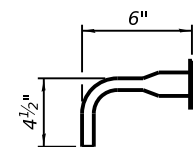
DETAIL I



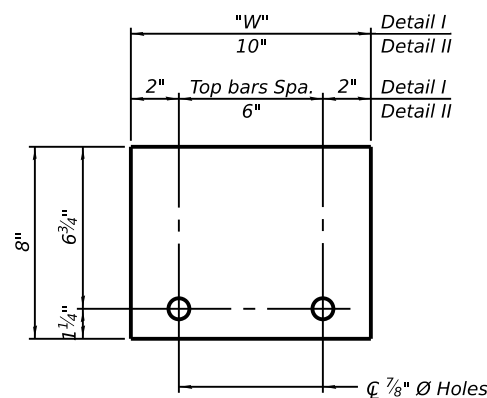
DETAIL II



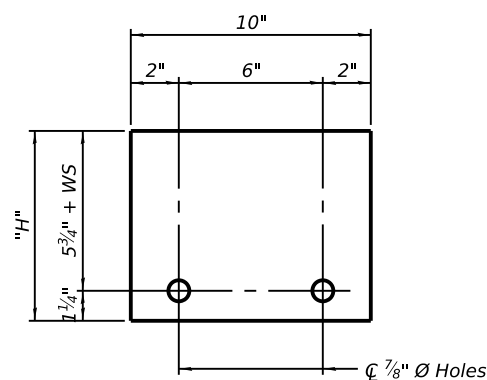
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



STEEL RETAINER ϕ 1" x 8" x "W"
(Detail I and II)



STEEL RETAINER ϕ 1" x "H" x 10"
(Detail III)

Notes:
Cost of retainer assembly is included with Temporary Concrete Barrier.
A retainer assembly shall be located at the approximate ϕ of each temporary concrete barrier.
The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
When the 'A' dimension is less than 1 1/2", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.

Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.

Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

RAILING CRITERIA

NCHRP 350 Test Level	3
Railing Weight (plf)	440

R-27

5-15-2023



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ROCKFORD, IL 61104

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USER NAME = Justin.M.Pump
DESIGNED - JMP
CHECKED - AAG
PLOT SCALE =
DRAWN - JMP
PLOT DATE = 4/24/2026
CHECKED - AAG

DESIGNED - JMP
CHECKED - AAG
DRAWN - JMP
CHECKED - AAG

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

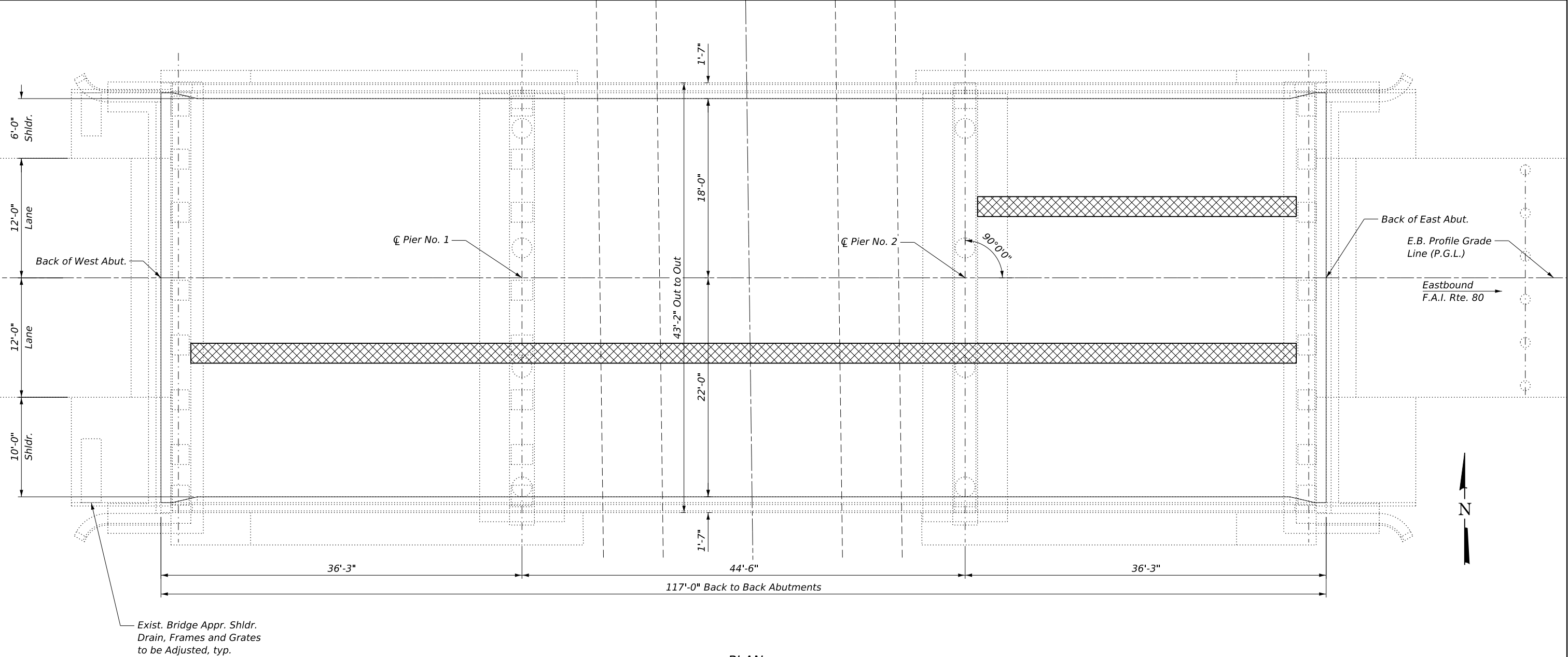
TEMPORARY CONCRETE BARRIER
STRUCTURE NO. 037-0041 (E.B.) & 037-0042 (W.B.)

SHEET SC-04 OF SC-23 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-4HB-2	HENRY	169	111
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

MODEL: 004-Temporary Concrete Barrier
FILE NAME: c:\pwworking\lan-pp-41\ms15618\0370041-42-D264T43-Sheets.dgn

MODEL: 005-Deck Slab Repairs 037-0041
FILE NAME: c:\pw_working\lan-pw-41\ms15618\0370041-42-D264T43-Sheets.dgn



LEGEND



**Deck Slab Repair (Partial)

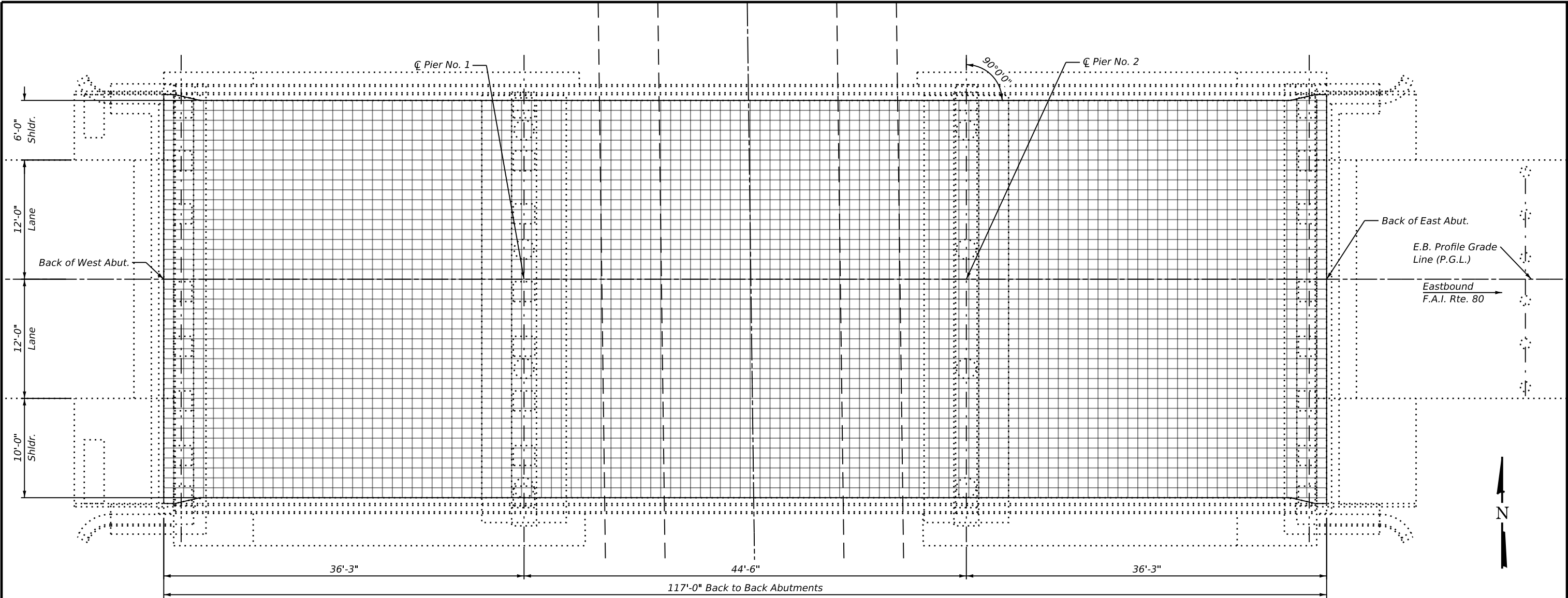
Notes:

- 1.) The repair areas shown are estimated. The actual repair areas required shall be verified according to the special provisions, and documented by the Engineer on the As Built plan sheet.
- 2.) **Areas of Bridge Deck Concrete Crack Sealer and Deck Slab Repair (Partial) are for information only. Cost included with Bridge Deck Latex Concrete Overlay, 2½".

BILL OF MATERIAL

ITEM	QUANTITY	UNIT
* Bridge Deck Latex Concrete Overlay, 2 1/2 Inches	521	SQ. YD.
Bridge Deck Scarification 3/4"	521	SQ. YD.
Deck Slab Repair (Full Depth, Type 2)	5	SQ. FT.
Cleaning and Painting Exposed Rebar	222	SQ. FT.

* Prior to 1/4" grinding

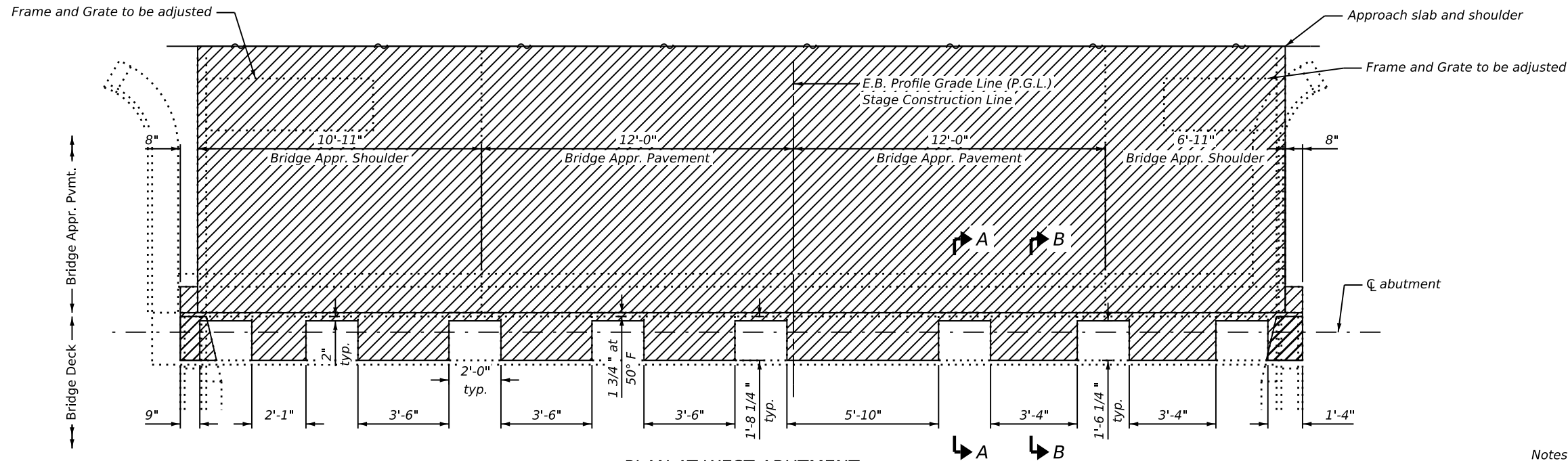


PLAN

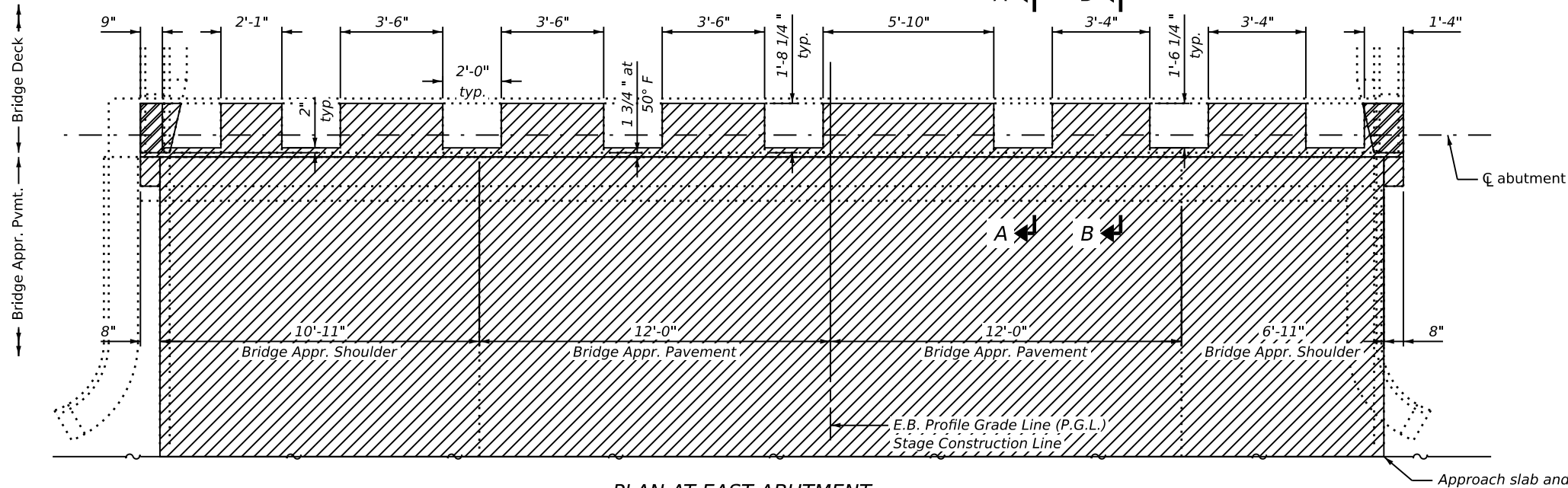
- Notes:
- 1.) The Engineer shall record the As Built deck slab and approach slab repair areas on this sheet.
 - 2.) The reference grid was drawn in 1' transverse and longitudinal increments.

MODEL: 007-Deck Slab Repairs As Built 037-0041
FILE NAME: c:\pw_working\lan-pw-01\lms15618\0370041-42-D264T43-Sheets.dgn

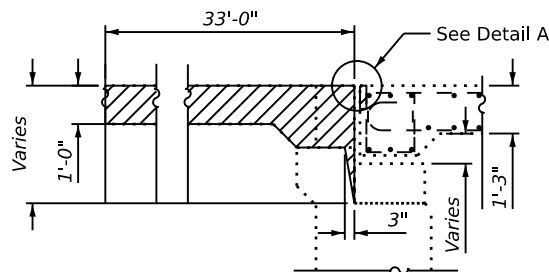
IMEG 401 E. STATE ST, 4th Floor ROCKFORD, IL 61104 PH: 815.965.6400 www.imegcorp.com	USER NAME = Justin.M.Pump	DESIGNED - JMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DECK SLAB REPAIRS - AS BUILT STRUCTURE NO. 037-0041 (E.B.)	SHEET SC-07 OF SC-23 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CHECKED - AAG		REVISED -				80	37-4HB-2	HENRY	169	114
	PLOT SCALE =	DRAWN - JMP	REVISED -				CONTRACT NO. 64T43				
	PLOT DATE = 4/24/2026	CHECKED - AAG	REVISED -				ILLINOIS FED. AID PROJECT				



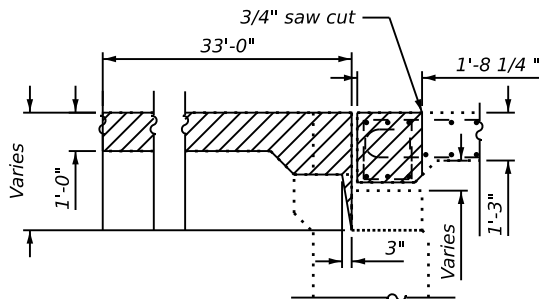
PLAN AT WEST ABUTMENT



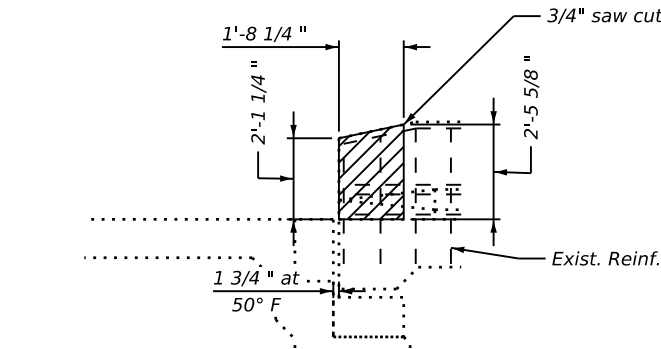
PLAN AT EAST ABUTMENT



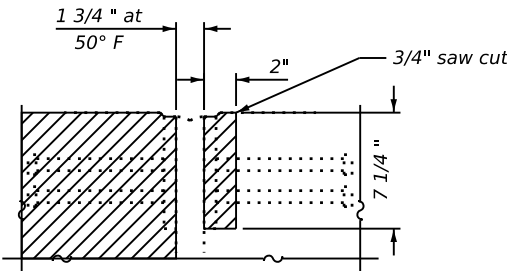
SECTION A-A



SECTION B-B



ELEVATION - INSIDE FACE OF PARAPET



DETAIL A
(Exist. Reinf. not shown for clarity.)

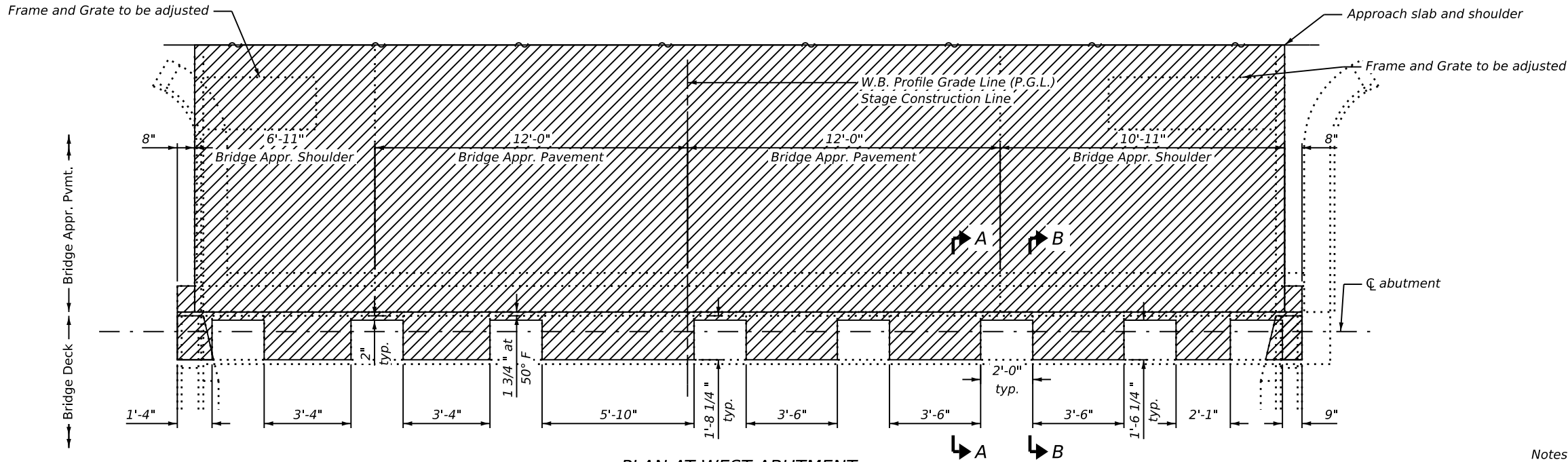
LEGEND

Concrete Removal

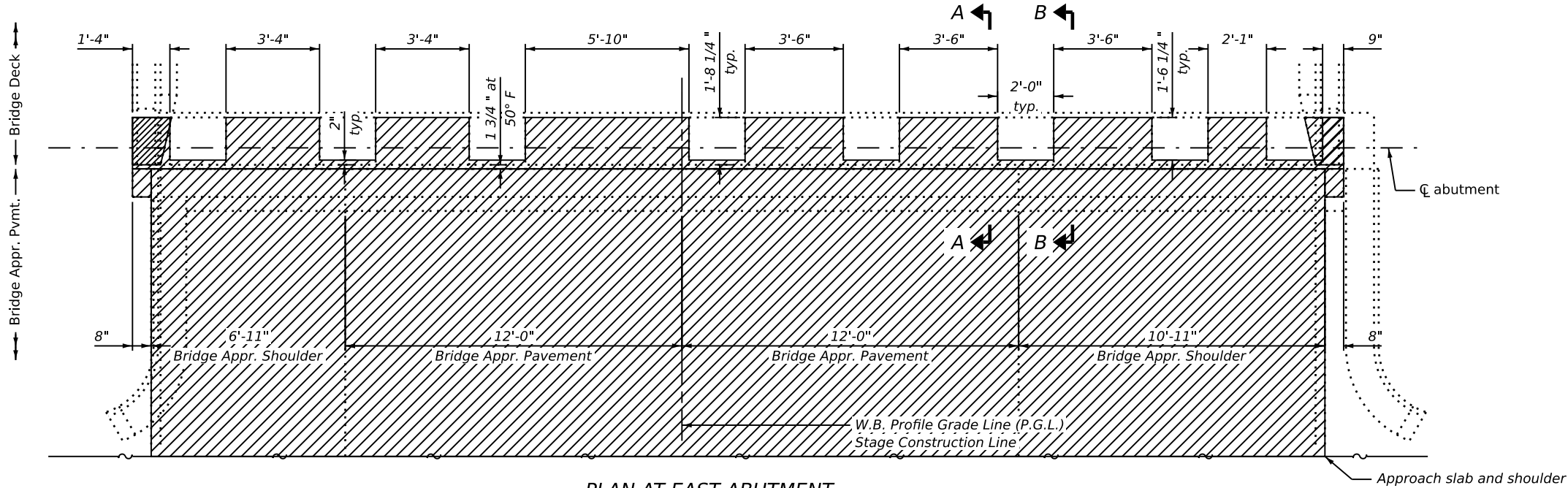
BILL OF MATERIAL

ITEM	QUANTITY	UNIT
Concrete Removal	123.8	CU. YD.

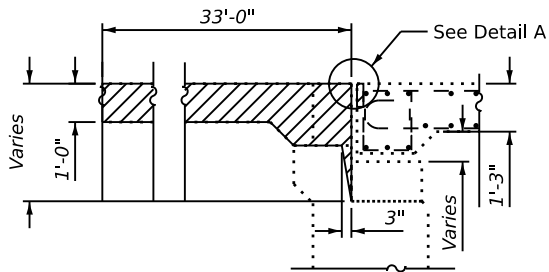
- Notes:
- *Existing reinforcement extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Cost shall be included with Concrete Removal.
 - Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost shall be included with Concrete Removal.



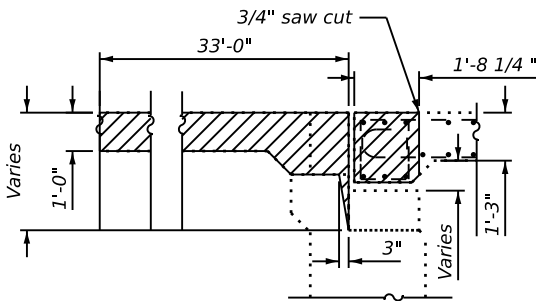
PLAN AT WEST ABUTMENT



PLAN AT EAST ABUTMENT

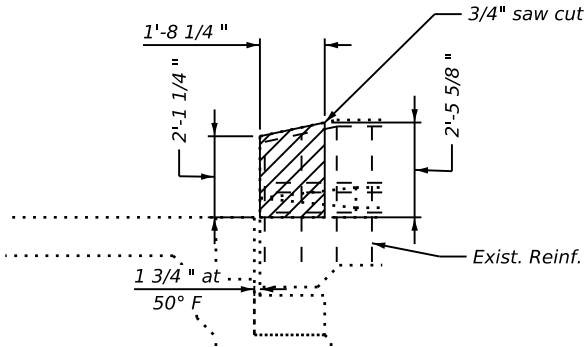


SECTION A-A

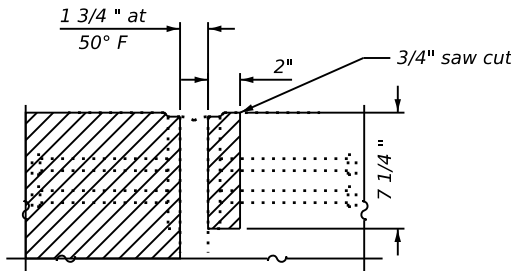


SECTION B-B

- Notes:
- 1.) *Existing reinforcement extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Cost shall be included with Concrete Removal.
 - 2.) Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost shall be included with Concrete Removal.



ELEVATION - INSIDE FACE OF PARAPET



DETAIL A
(Exist. Reinf. not shown for clarity.)

LEGEND

 Concrete Removal

BILL OF MATERIAL

ITEM	QUANTITY	UNIT
Concrete Removal	123.8	CU. YD.

MODEL: 010-Joint Removal 037-0042
FILE NAME: c:\pw_working\lan-pw-41\lms15618\0370041-42-D264T43-Sheets.dgn



401 E. STATE ST., 4th Floor
ROCKFORD, IL 61104
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USER NAME = Justin.M.Pump
PLOT SCALE =
PLOT DATE = 4/24/2026

DESIGNED - JMP
CHECKED - AAG
DRAWN - JMP
CHECKED - AAG

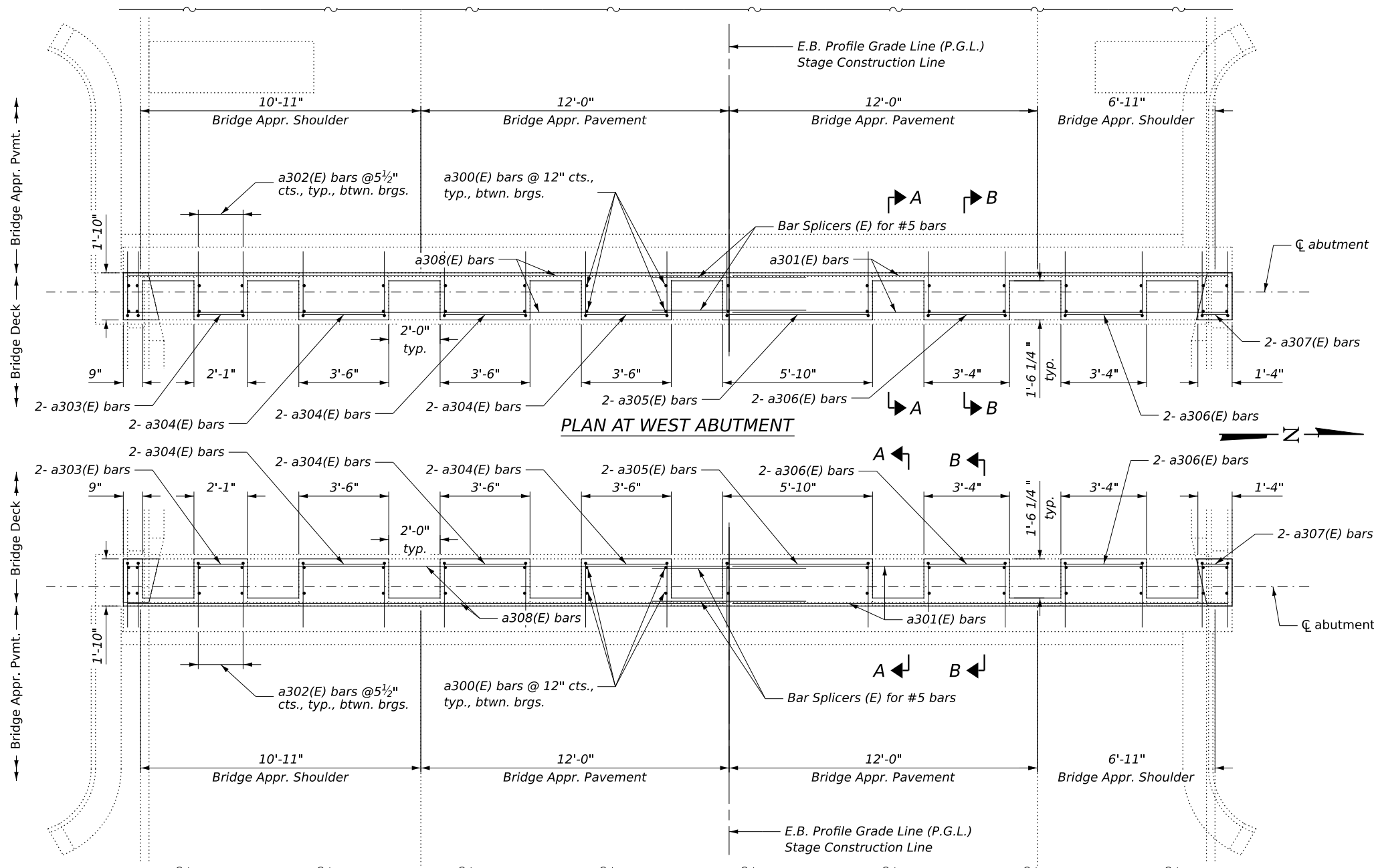
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINT REMOVAL DETAILS
STRUCTURE NO. 037-0042 (W.B.)

SHEET SC-10 OF SC-23 SHEETS

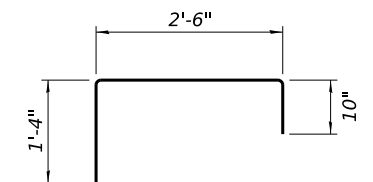
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-4HB-2	HENRY	169	117
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



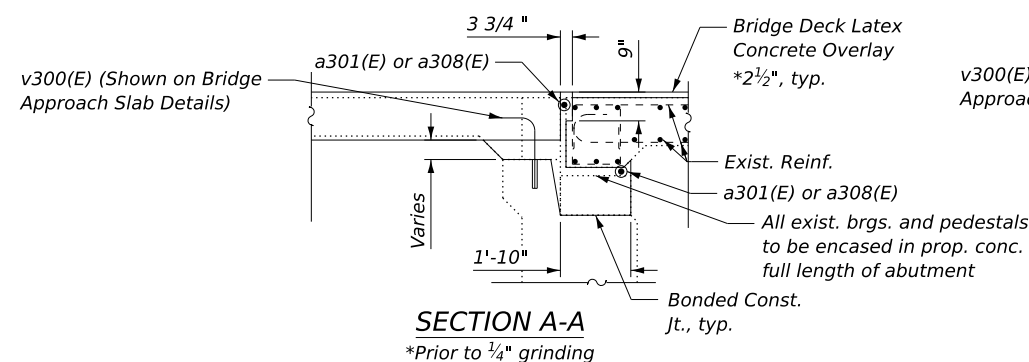
Note:
Epoxy grout a300(E) and v300(E) bars in 9" deep (min.) drilled holes, 1/4" larger in diameter than the bar diameter, according to Section 584 of the Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated

TWO JOINTS BILL OF MATERIAL

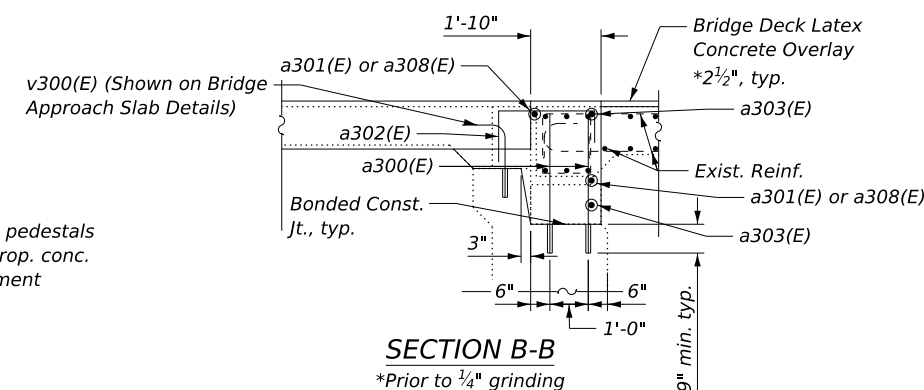
Bar	No.	Size	Length	Shape
a300(E)	136	#5	3'-6"	
a301(E)	4	#5	19'-4"	
a302(E)	120	#5	4'-8"	
a303(E)	4	#5	1'-9"	
a304(E)	12	#5	3'-2"	
a305(E)	4	#5	5'-6"	
a306(E)	8	#5	3'-0"	
a307(E)	4	#5	1'-0"	
a308(E)	4	#5	23'-4"	
Concrete Superstructure			Cu. Yd.	15.4
Reinforcement Bars, Epoxy Coated			Pound	1,360
Bar Splicers			Each	4



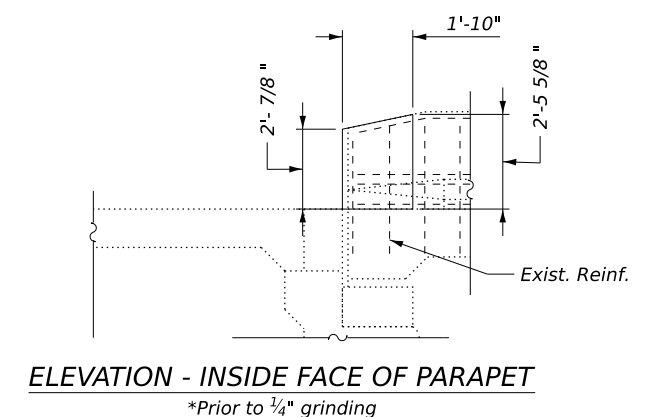
BAR a302(E)



SECTION A-A
*Prior to 1/4" grinding



SECTION B-B
*Prior to 1/4" grinding



ELEVATION - INSIDE FACE OF PARAPET
*Prior to 1/4" grinding

MODEL: 01-Joint Repair 037-0041
FILE NAME: c:\pw_working\larp-pw-41\ms15618\0370041-42-D264T43-Sheets.dgn



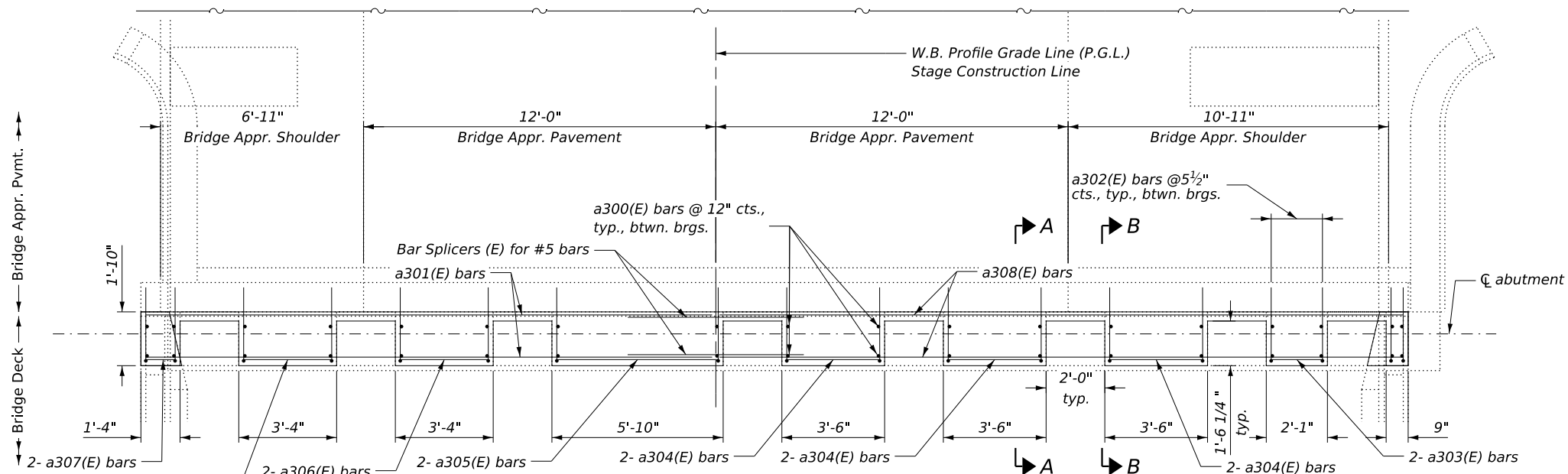
USER NAME = Justin.M.Pump	DESIGNED - JMP	REVISED -
	CHECKED - AAG	REVISED -
PLOT SCALE =	DRAWN - JMP	REVISED -
PLOT DATE = 8/7/2026	CHECKED - AAG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

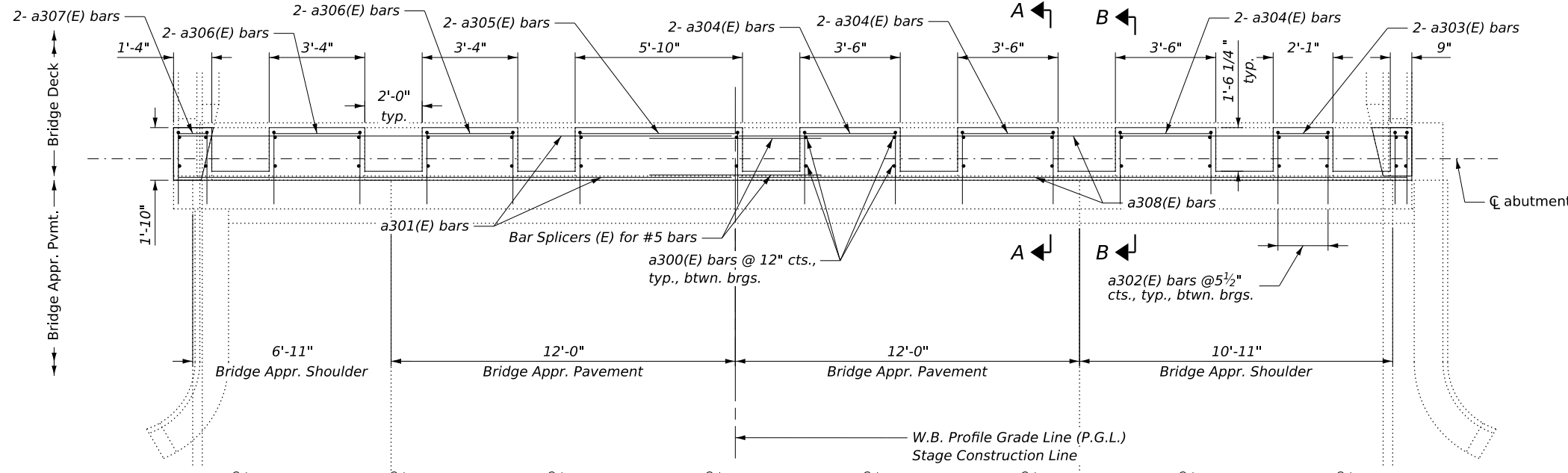
JOINT REPAIR DETAILS
STRUCTURE NO. 037-0041 (E.B.)

SHEET SC-11 OF SC-23 SHEETS

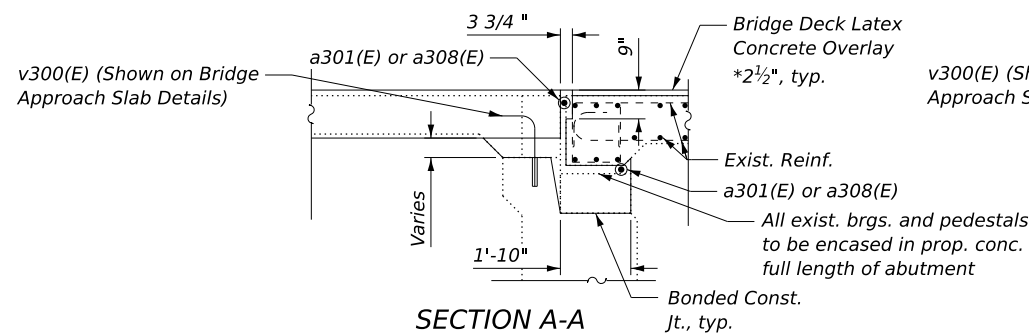
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-4HB-2	HENRY	169	118
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



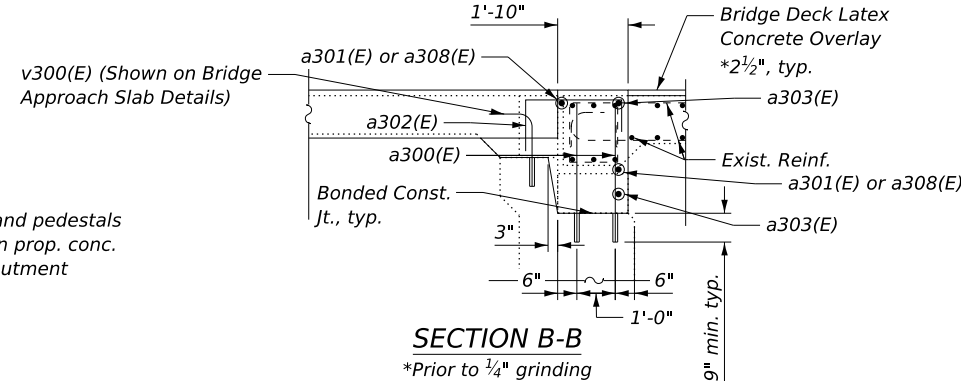
PLAN AT WEST ABUTMENT



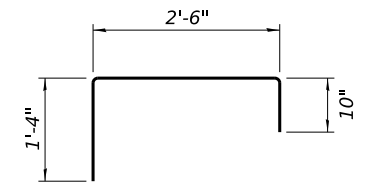
PLAN AT EAST ABUTMENT



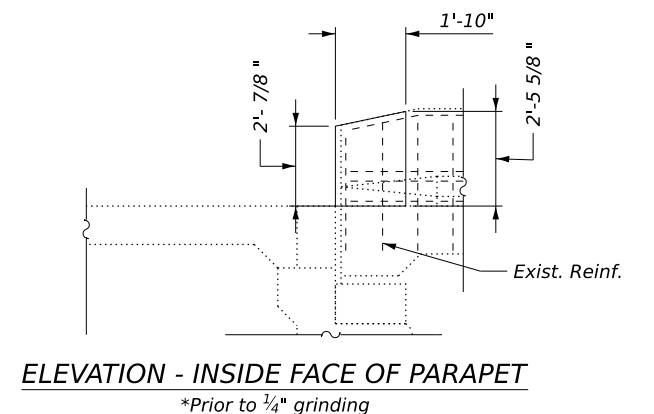
SECTION A-A
*Prior to 1/4" grinding



SECTION B-B
*Prior to 1/4" grinding



BAR a302(E)

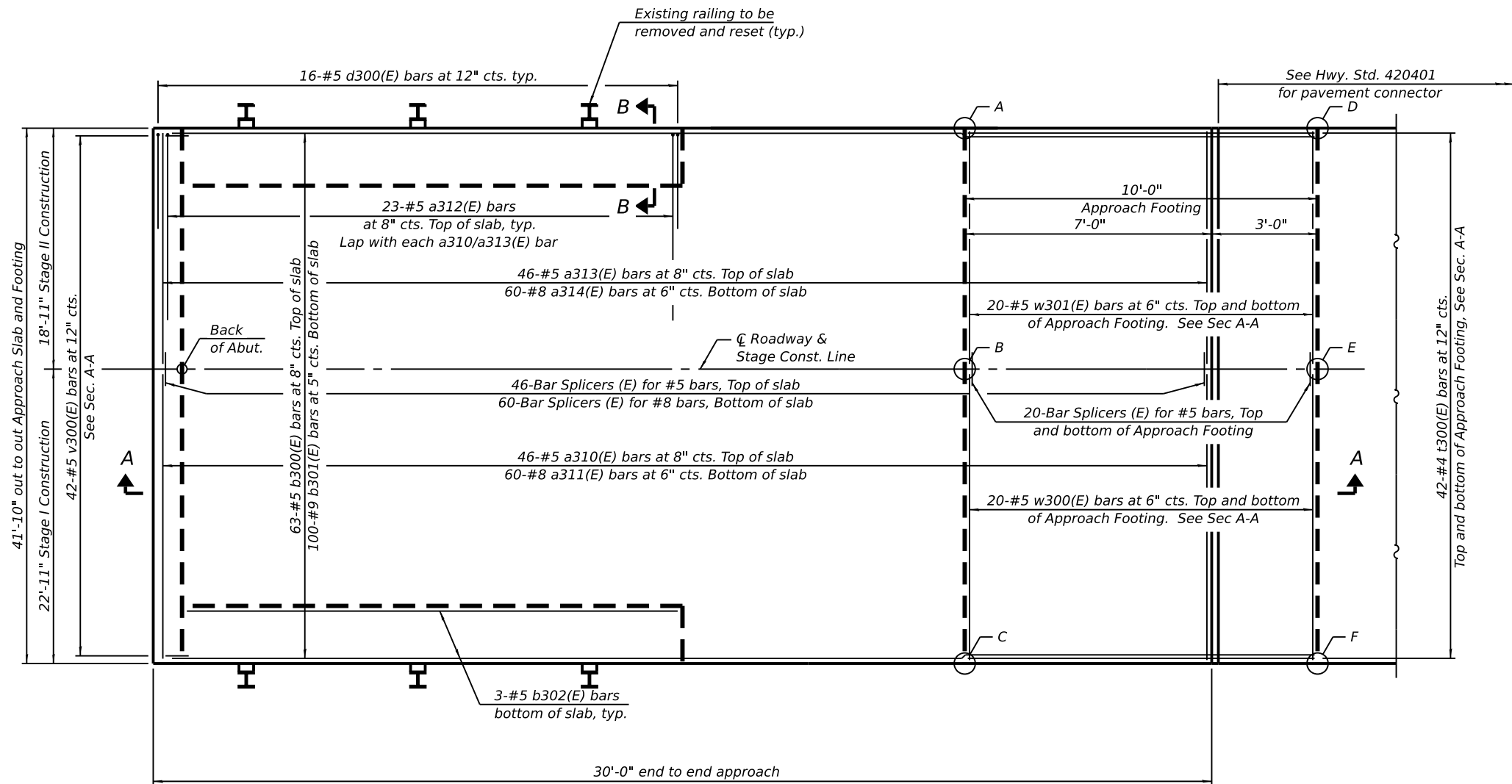


ELEVATION - INSIDE FACE OF PARAPET
*Prior to 1/4" grinding

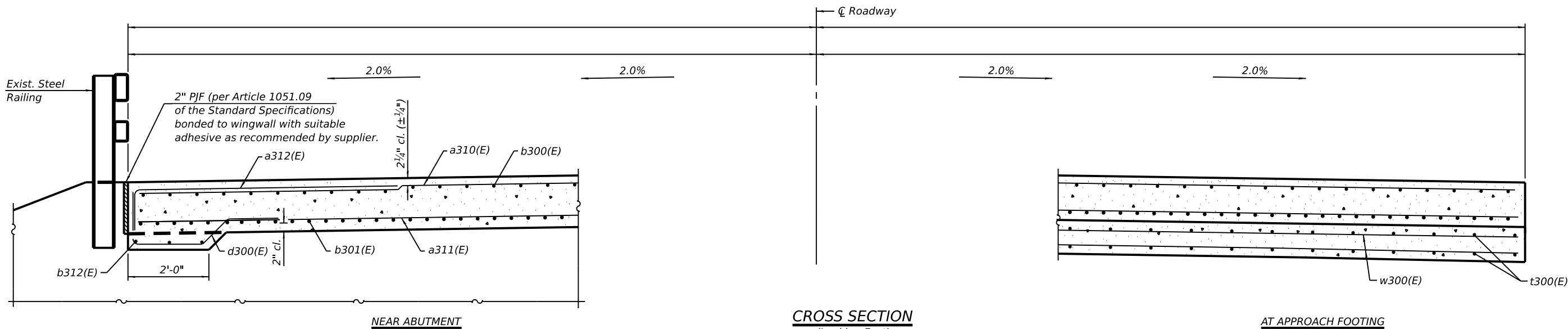
Note:
Epoxy grout a300(E) and v300(E) bars in 9" deep (min.) drilled holes, 1/4" larger in diameter than the bar diameter, according to Section 584 of the Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated

**TWO JOINTS
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a300(E)	136	#5	3'-6"	
a301(E)	4	#5	19'-4"	
a302(E)	120	#5	4'-8"	
a303(E)	4	#5	1'-9"	
a304(E)	12	#5	3'-2"	
a305(E)	4	#5	5'-6"	
a306(E)	8	#5	3'-0"	
a307(E)	4	#5	1'-0"	
a308(E)	4	#5	23'-4"	
Concrete Superstructure			Cu. Yd.	15.4
Reinforcement Bars, Epoxy Coated			Pound	1,360
Bar Splicers			Each	4



PLAN
(east approach slab shown; west approach slab similar by 180° rotation)



CROSS SECTION
(Looking East)

AT APPROACH FOOTING

**TOP AND BOTTOM ELEVATIONS
FOR APPROACH FOOTING**

037-0041 West Approach			037-0041 East Approach		
Point/ Location	Top	Bottom	Point/ Location	Top	Bottom
A -			A -		
B -			B -		
C -			C -		
D -			D -		
E -			E -		
F -			F -		
037-0042 West Approach			037-0042 East Approach		
Point/ Location	Top	Bottom	Point/ Location	Top	Bottom
A -			A -		
B -			B -		
C -			C -		
D -			D -		
E -			E -		
F -			F -		

The approach slab shall be placed so that the top of slab shall match the elevation of the bridge deck after the latex overlay is applied. Blank table included for field notation.

BAIA-CIP-R34-0

4-4-2025



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ROCKFORD, IL 61104
PH: 815.965.6400
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USER NAME = Justin.M.Pump	DESIGNED - JMP	REVISED -
CHECKED - AAG	REVIS	
PLOT SCALE =	DRAWN - JMP	REVISED -
PLOT DATE = 4/24/2026	CHECKED - AAG	REVISED -

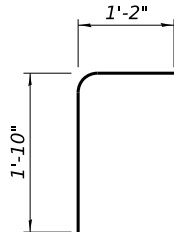
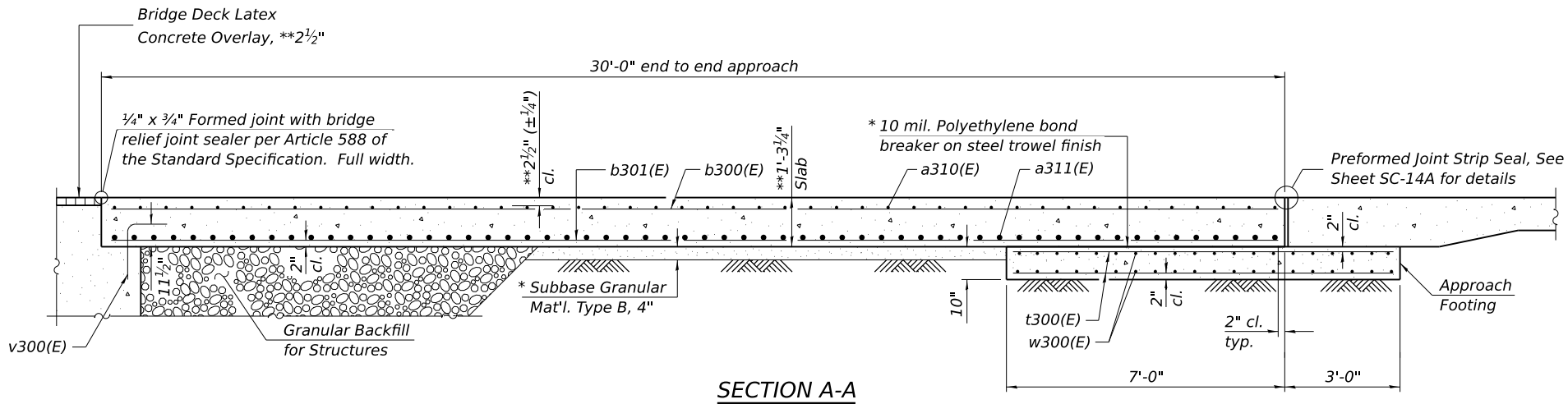
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 037-0041 (E.B.) & 037-0042 (W.B.)

SHEET SC-13 OF SC-23 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-4HB-2	HENRY	169	120
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

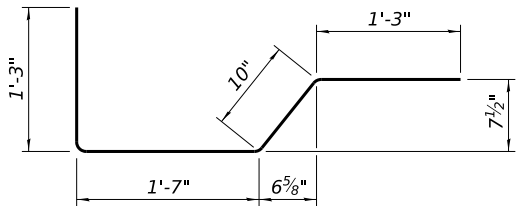
* Cost included with Concrete Superstructure (Approach Slab)
** Prior to grinding.



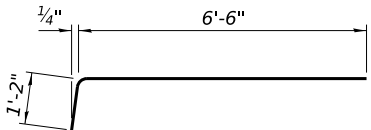
BAR v300(E)

FOUR APPROACHES
BILL OF MATERIAL

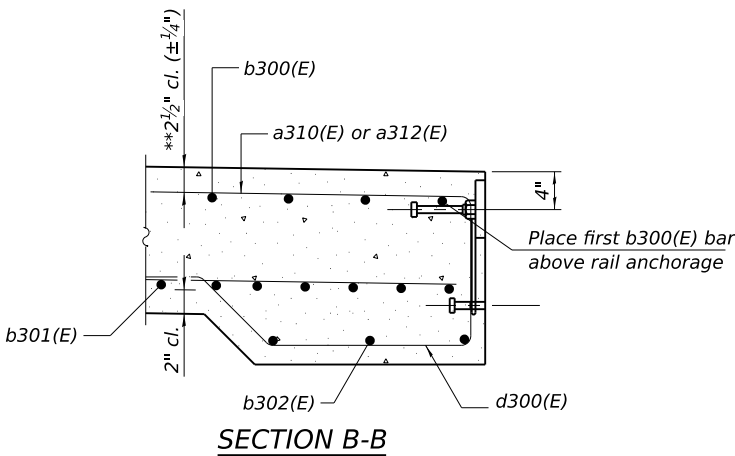
Bar	No.	Size	Length	Shape
a310(E)	184	#5	22'-7"	—
a311(E)	240	#8	22'-7"	—
a312(E)	184	#5	7'-8"	—
a313(E)	184	#5	18'-7"	—
a314(E)	240	#8	18'-7"	—
b300(E)	252	#5	29'-8"	—
b301(E)	400	#9	29'-8"	—
b302(E)	24	#5	13'-8"	—
d300(E)	128	#5	4'-11"	—
t300(E)	336	#4	9'-8"	—
w300(E)	160	#5	22'-7"	—
w301(E)	160	#5	18'-7"	—
v300(E)	168	#5	2'-10"	—
Item			Unit	Quantity
Concrete Superstructure (Approach Slab)			Cu. Yd.	240.0
Concrete Structures			Cu. Yd.	51.6
Reinforcement Bars, Epoxy Coated			Pound	94,430
Bar Splicers			Each	584



BAR d300(E)



BAR a312(E)



BAIA-CIP-R34-0

4-4-2025



USER NAME = Justin.M.Pump	DESIGNED - JMP	REVISED -
	CHECKED - AAG	REVISED -
PLOT SCALE =	DRAWN - JMP	REVISED -
PLOT DATE = 8/5/2026	CHECKED - AAG	REVISED -

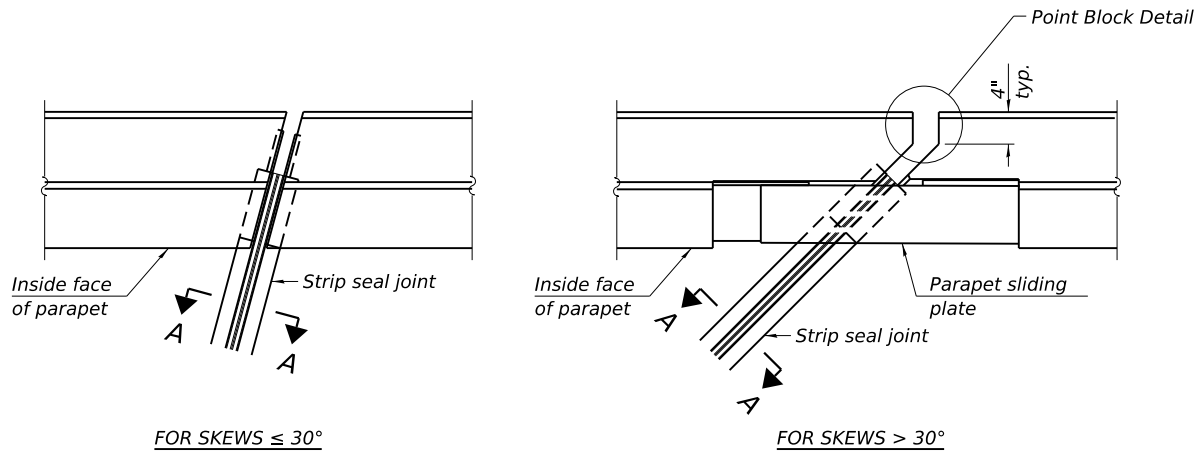
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 037-0041 (E.B.) & 037-0042 (W.B.)

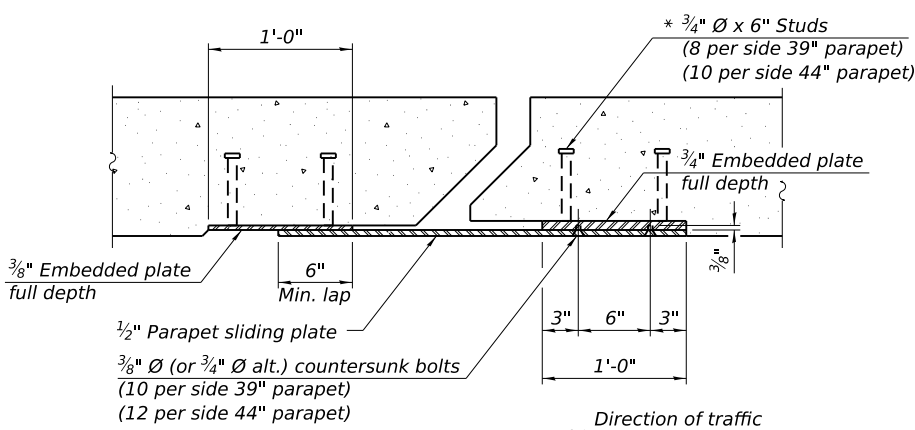
SHEET SC-14 OF SC-23 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-4HB-2	HENRY	169	121
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

MODEL: 014-Bridge Approach Slab Details 2
FILE NAME: c:\paw_working\larr-paw-c1\lms15618\0370041-42-D264T43-Sheets.dgn

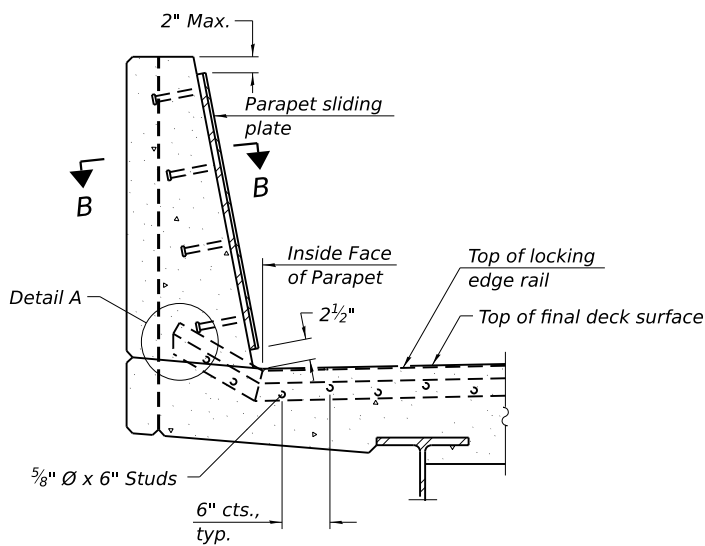


PLAN AT PARAPET



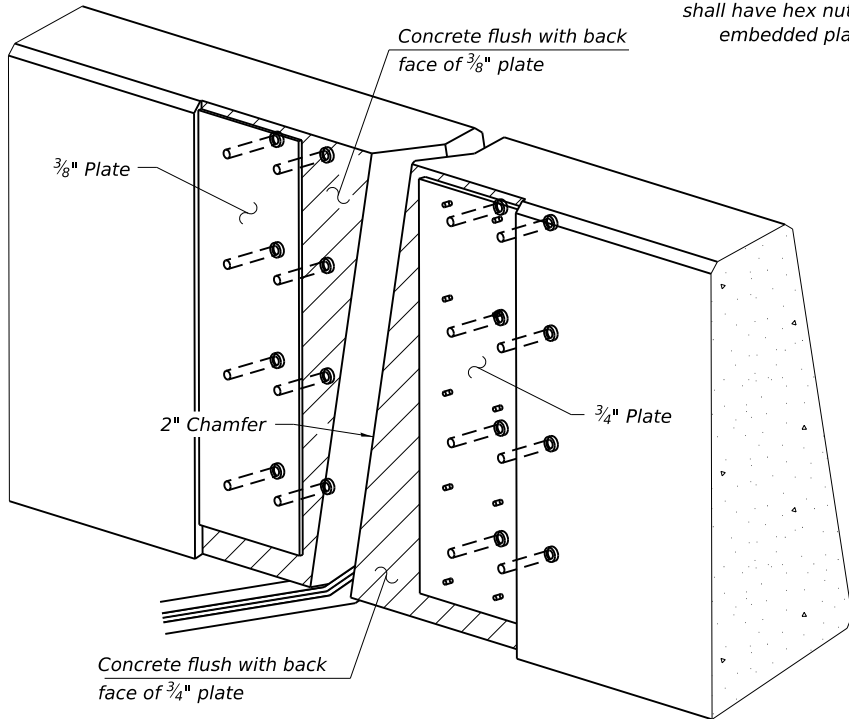
SECTION B-B

(3/4" $\varnothing$ countersunk bolts extending into concrete shall have hex nuts tack welded to the back of the embedded plates with end caps provided.)



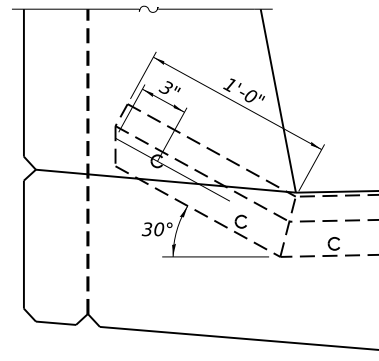
SECTION AT PARAPET

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



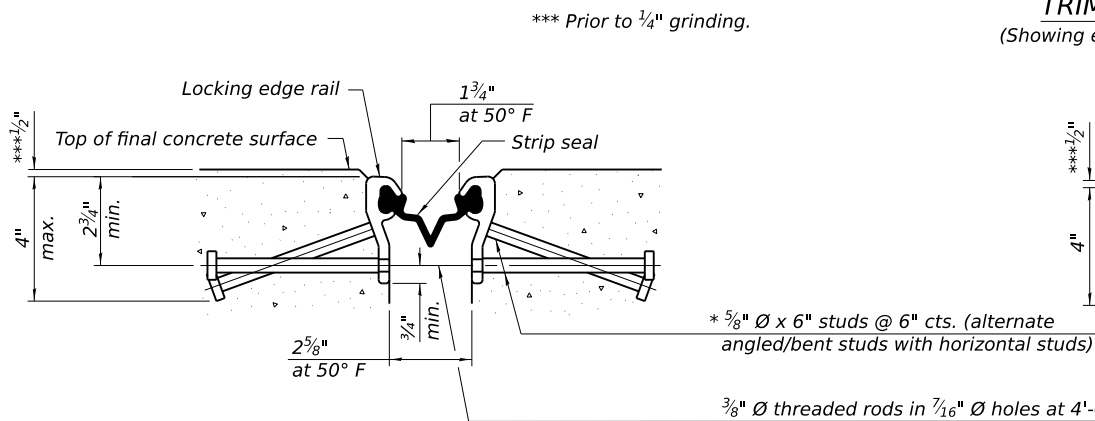
TRIMETRIC VIEW

(Showing embedded plates only)

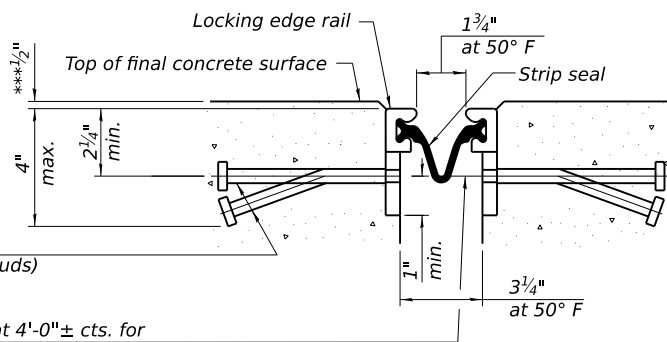


DETAIL A

(Kick-up at parapet locations shown. See sheet of for kick-up at curb locations.)



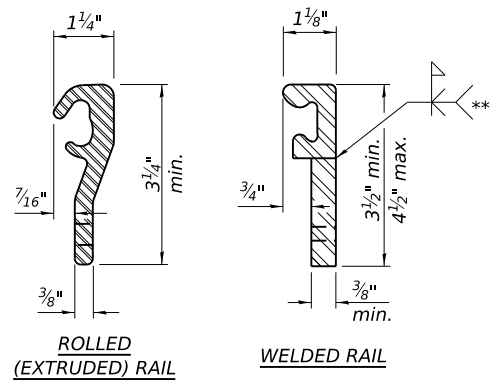
SHOWING ROLLED RAIL JOINT



SHOWING WELDED RAIL JOINT

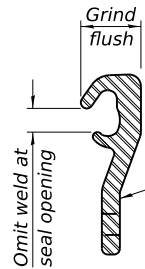
SECTION A-A

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



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	168

EJ-SS

10-3-2025



401 E. STATE ST., 4th Floor
ROCKFORD, IL 61104

PH: 815.965.6400
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USER NAME	= Justin.M.Pump
PLOT SCALE	=
PLOT DATE	= 8/7/2026

DESIGNED	- JMP
CHECKED	- AAG
DRAWN	- JMP
CHECKED	- AAG

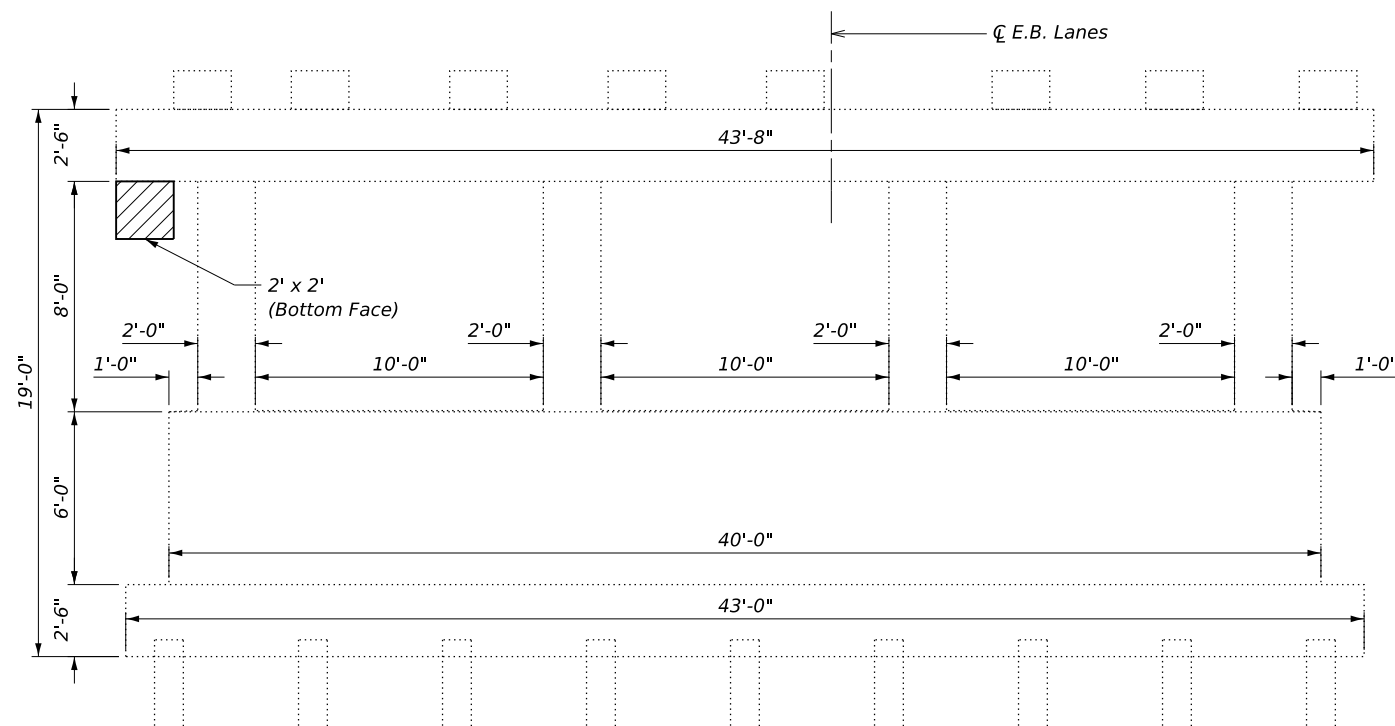
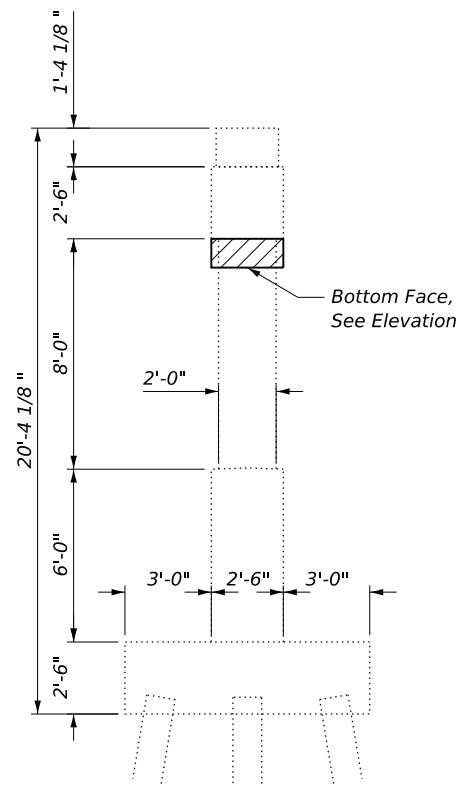
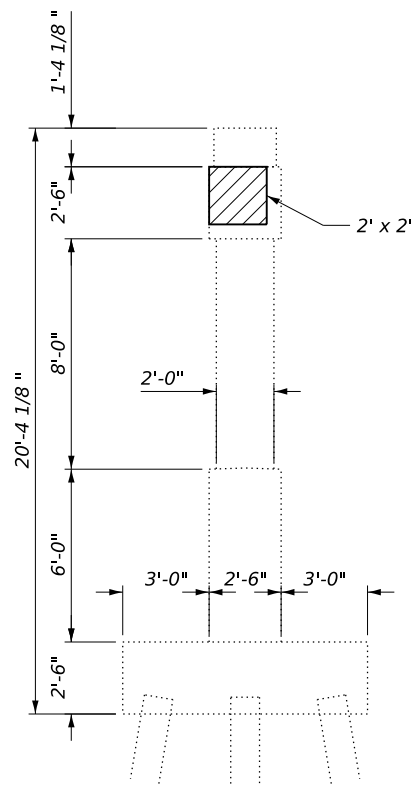
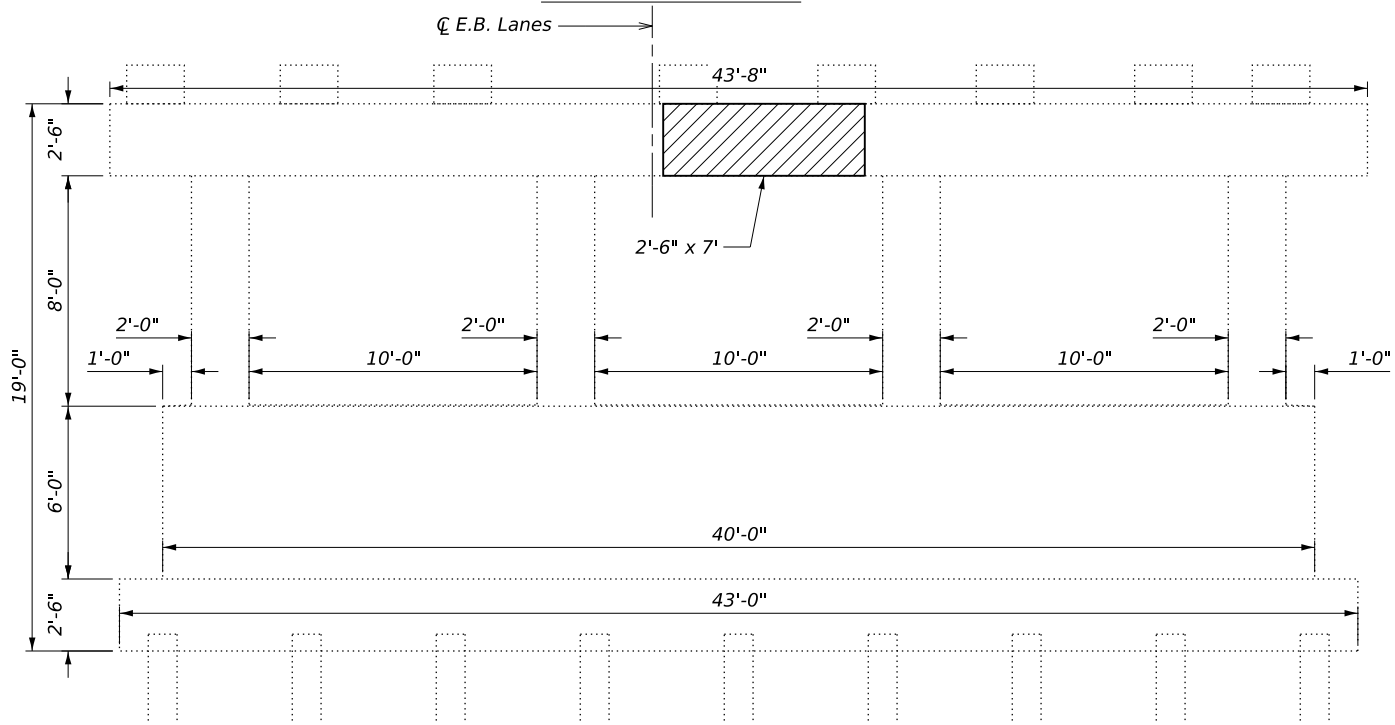
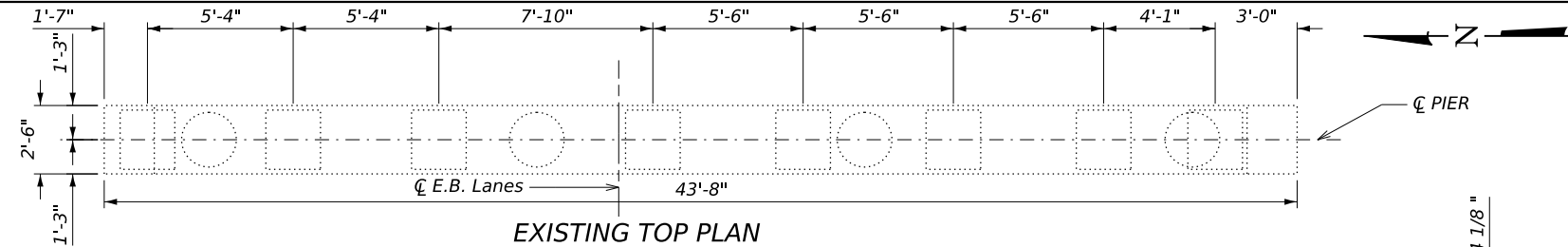
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL
STRUCTURE NO. 037-0041 (E.B.) & 037-0042 (W.B.)

SHEET SC-14A OF SC-23 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-4HB-2	HENRY	169	121A
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



Notes:
Repair patch dimensions are called out horizontal by vertical.

Structural repair of concrete areas shall be determined as equal to or less than 5" or greater than 5" in the field by the resident engineer.

BILL OF MATERIAL

ITEM	QUANTITY	UNIT
Structural Repair of Concrete (Depth equal to or less than 5")	25	SQ. FT.

LEGEND

 Structural Repair of Concrete
(Depth equal to or less than 5")

MODEL: 015-Pier-Repair 1 037-0041
FILE NAME: c:\pw_working\lan-ppw-41\ms15618\0370041-42-D264T43-Sheets.dgn



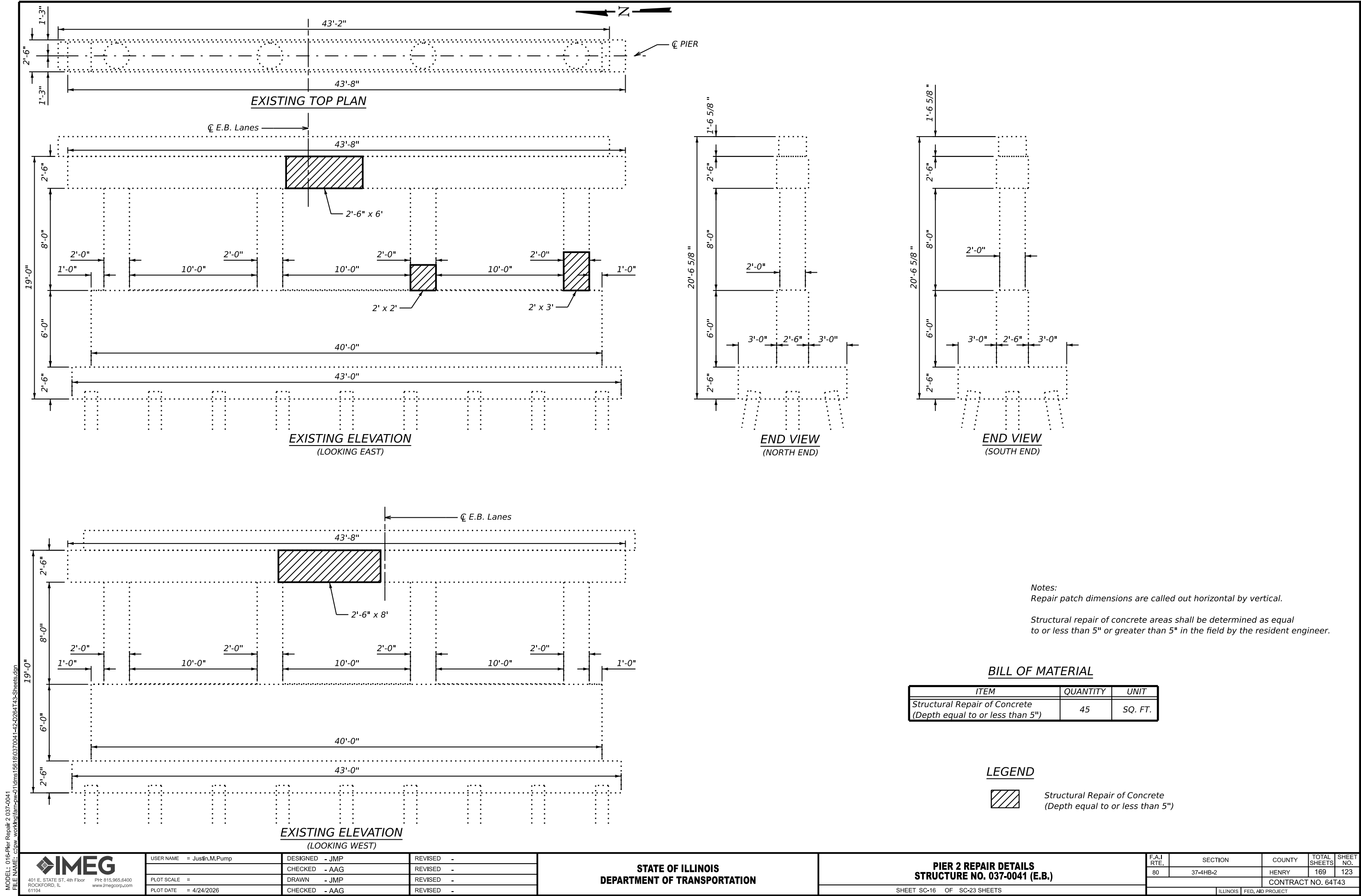
USER NAME = Justin.M.Pump	DESIGNED - JMP	REVISED -
	CHECKED - AAG	REVISED -
PLOT SCALE =	DRAWN - JMP	REVISED -
PLOT DATE = 8/7/2026	CHECKED - AAG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

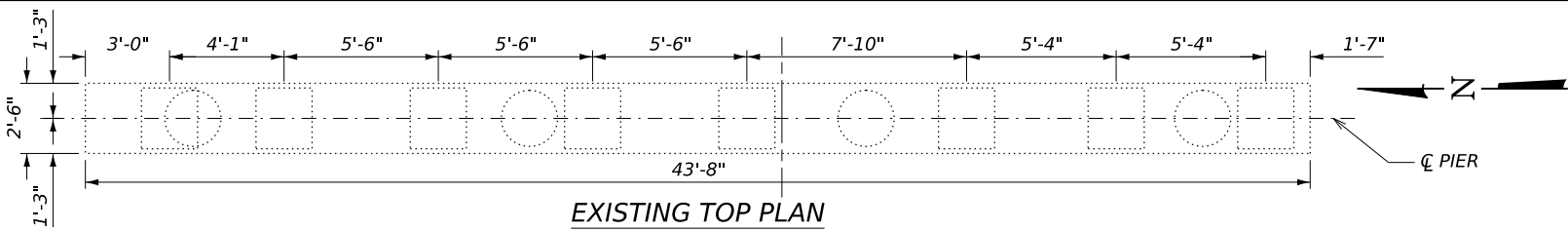
PIER 1 REPAIR DETAILS
STRUCTURE NO. 037-0041 (E.B.)

SHEET SC-15 OF SC-23 SHEETS

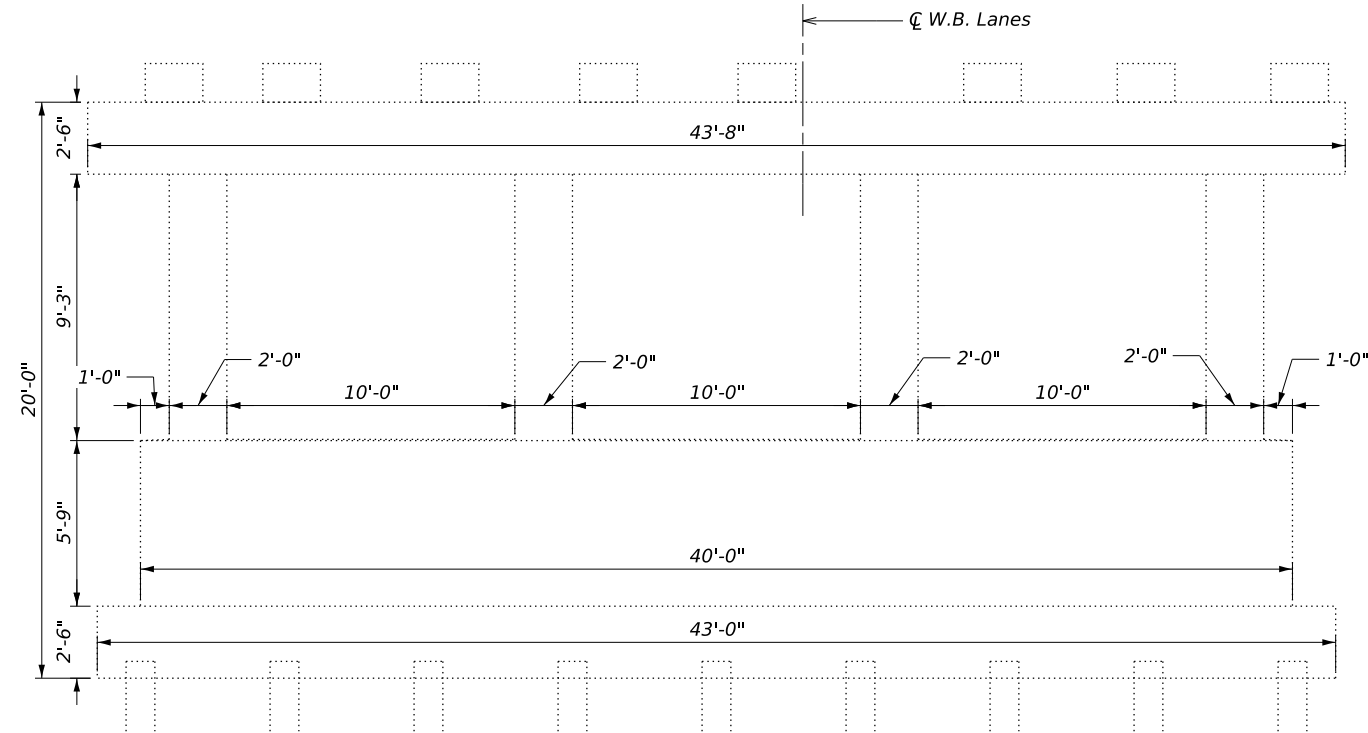
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-4HB-2	HENRY	169	122
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



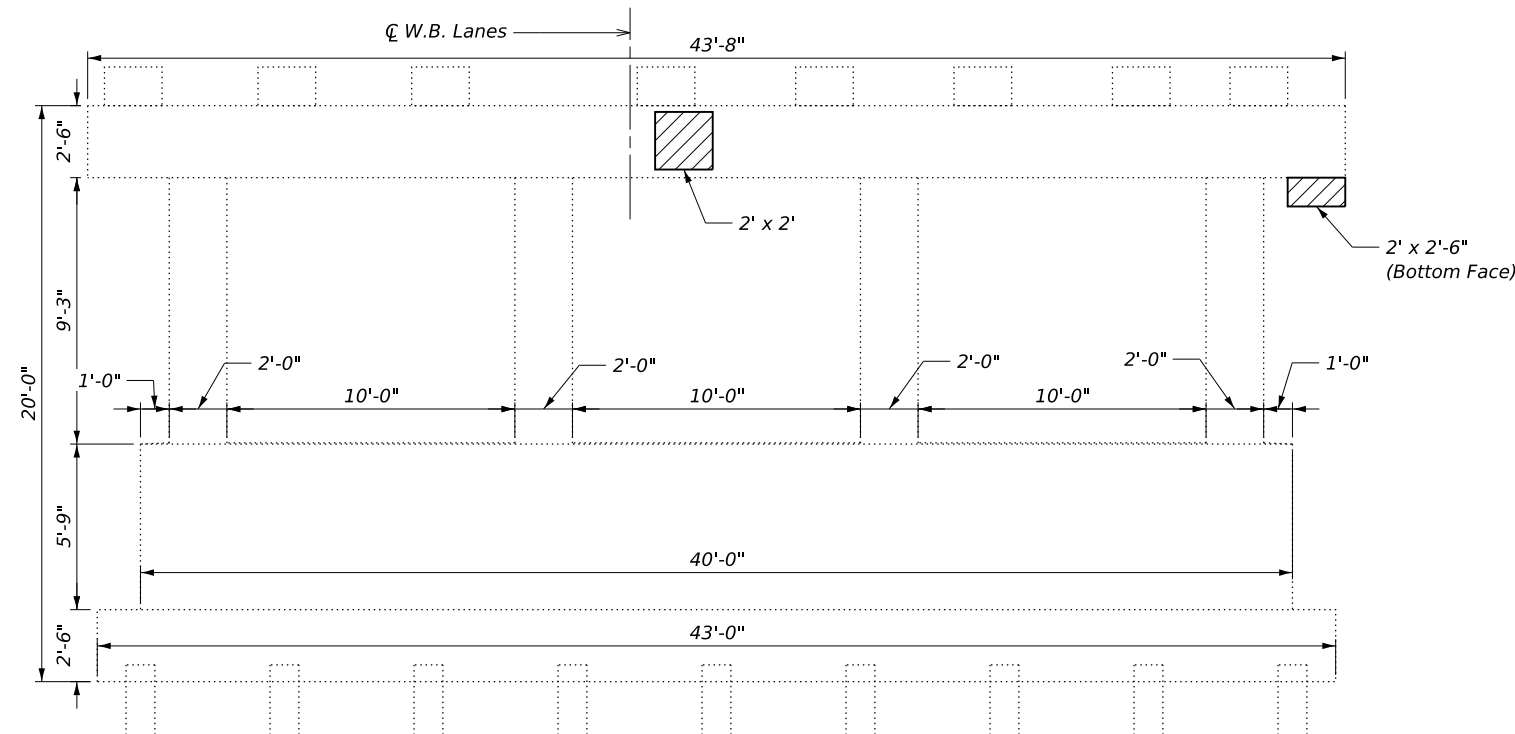
MODEL: 017-Pier Repair 1 037-0042
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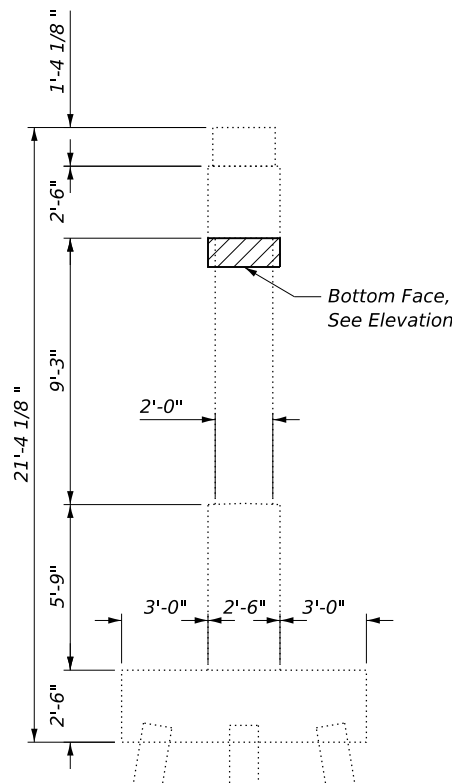
EXISTING TOP PLAN



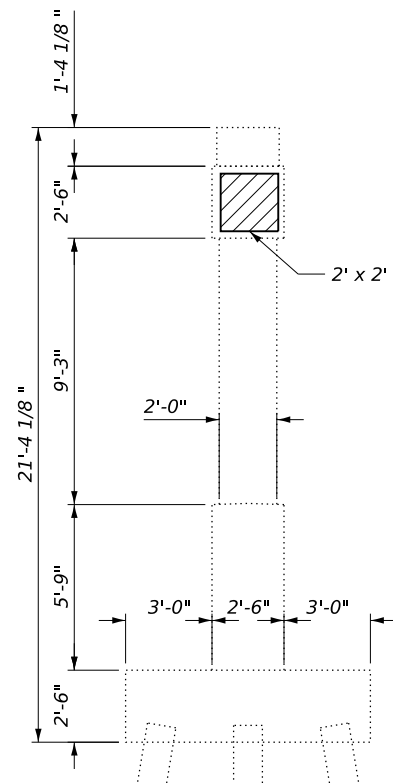
EXISTING ELEVATION
(LOOKING EAST)



EXISTING ELEVATION
(LOOKING WEST)



END VIEW
(NORTH END)



END VIEW
(SOUTH END)

Notes:
Repair patch dimensions are called out horizontal by vertical.

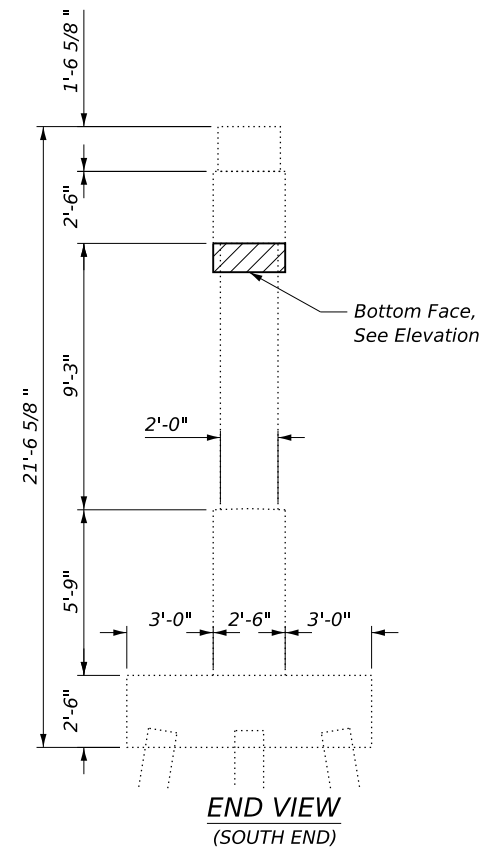
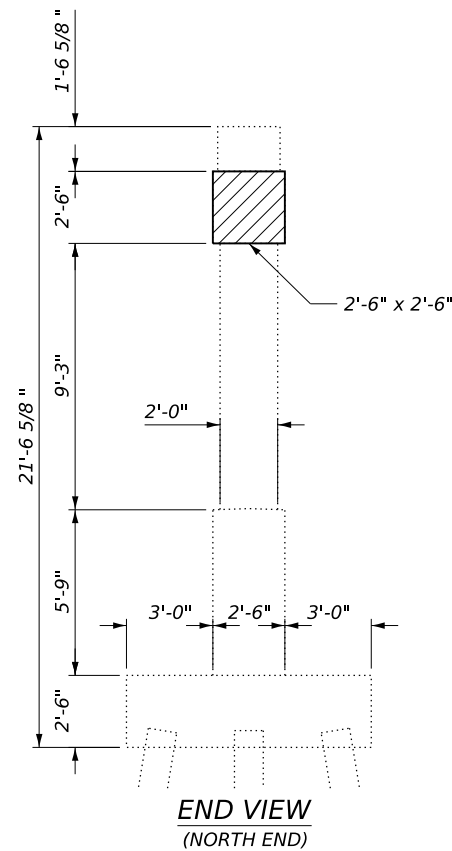
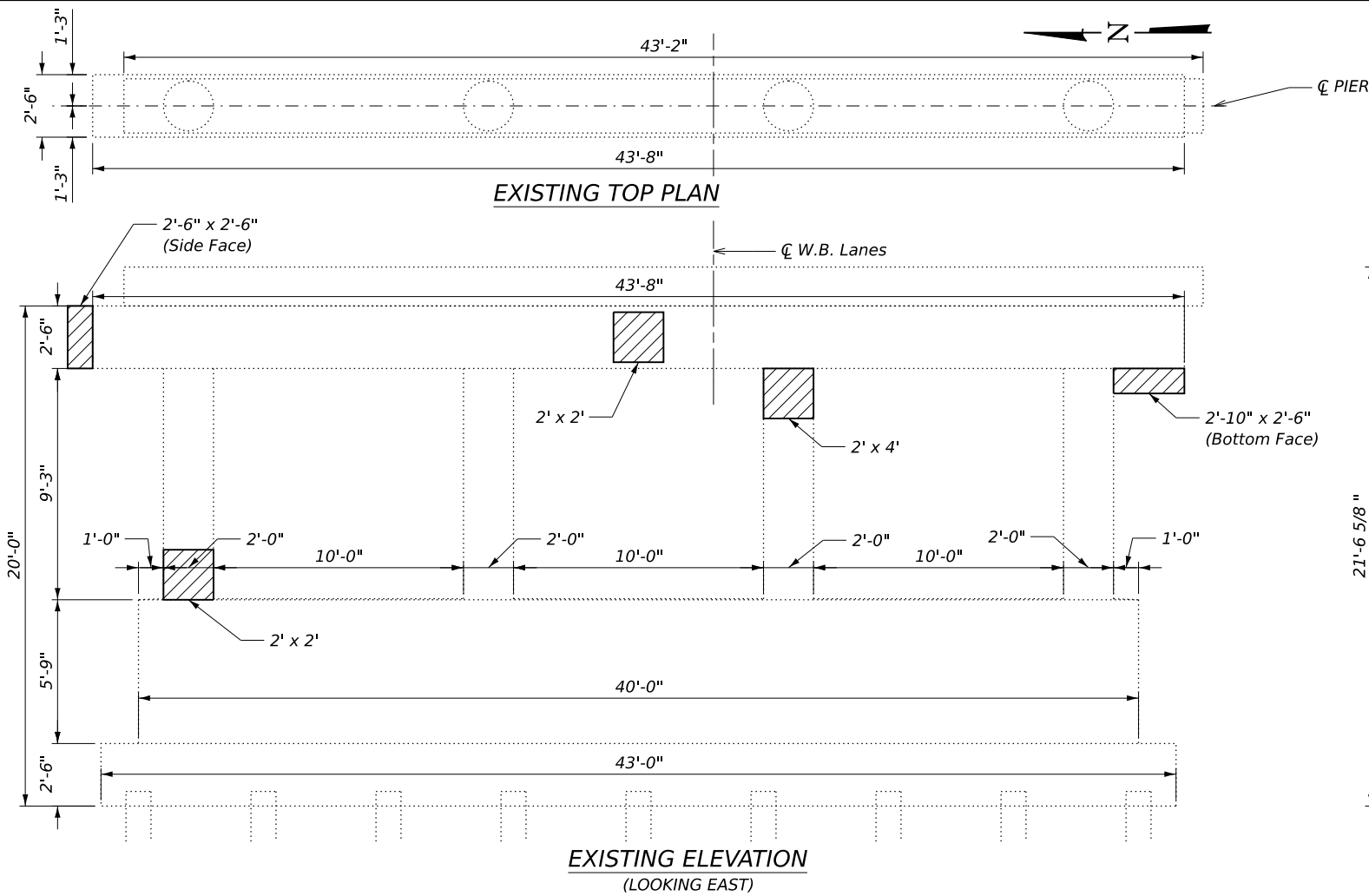
Structural repair of concrete areas shall be determined as equal to or less than 5" or greater than 5" in the field by the resident engineer.

BILL OF MATERIAL

ITEM	QUANTITY	UNIT
Structural Repair of Concrete (Depth equal to or less than 5")	15	SQ. FT.

LEGEND

 Structural Repair of Concrete
(Depth equal to or less than 5")



Notes:
Repair patch dimensions are called out horizontal by vertical.

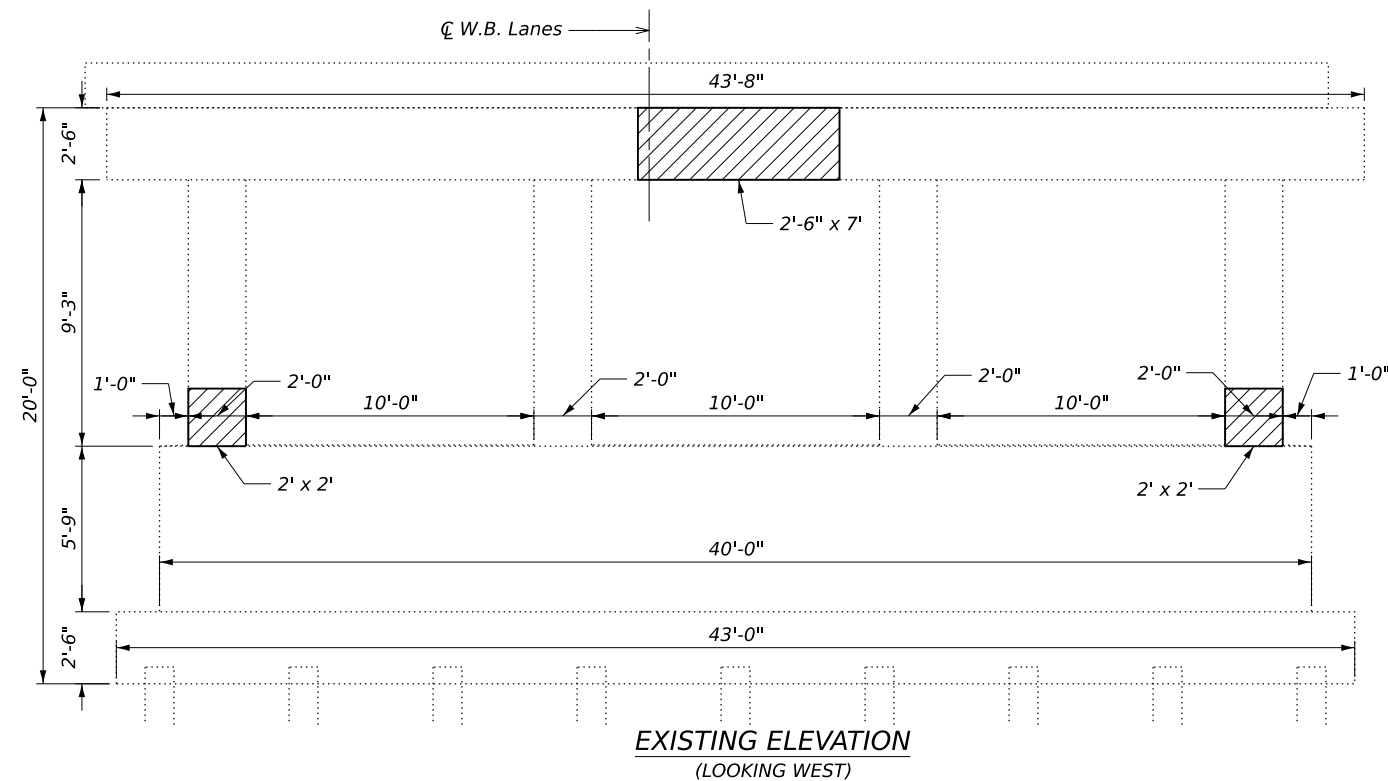
Structural repair of concrete areas shall be determined as equal to or less than 5" or greater than 5" in the field by the resident engineer.

BILL OF MATERIAL

ITEM	QUANTITY	UNIT
Structural Repair of Concrete (Depth equal to or less than 5")	55	SQ. FT.

LEGEND

 Structural Repair of Concrete (Depth equal to or less than 5")

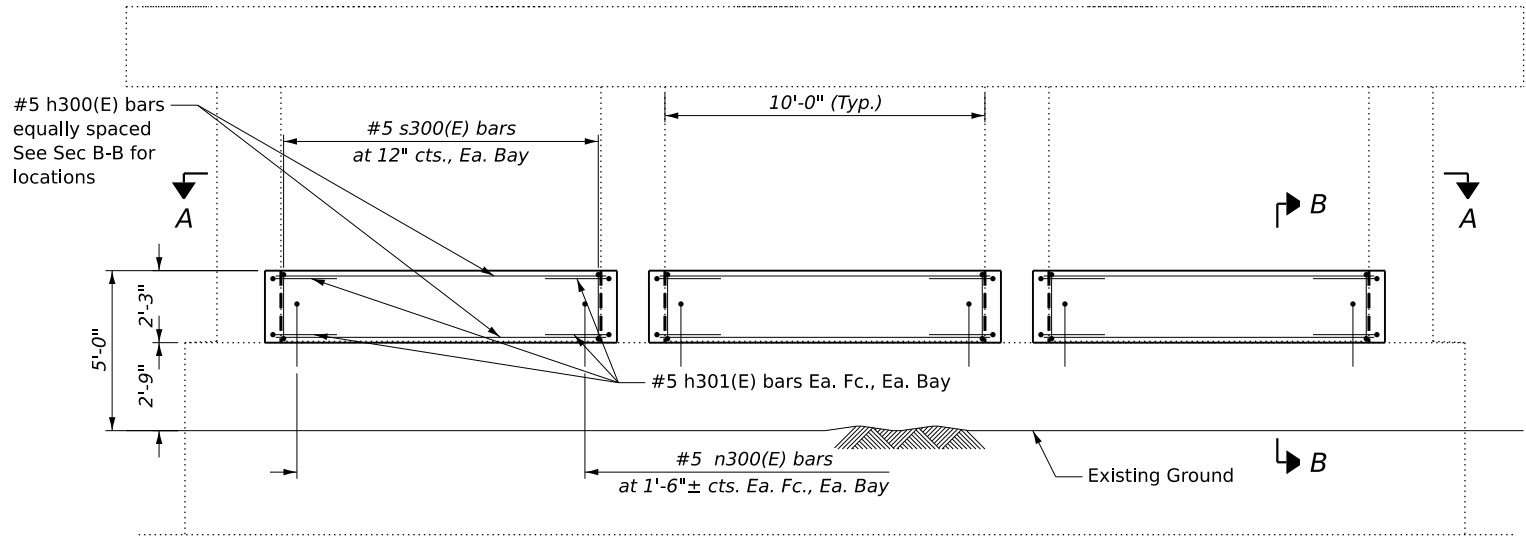


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

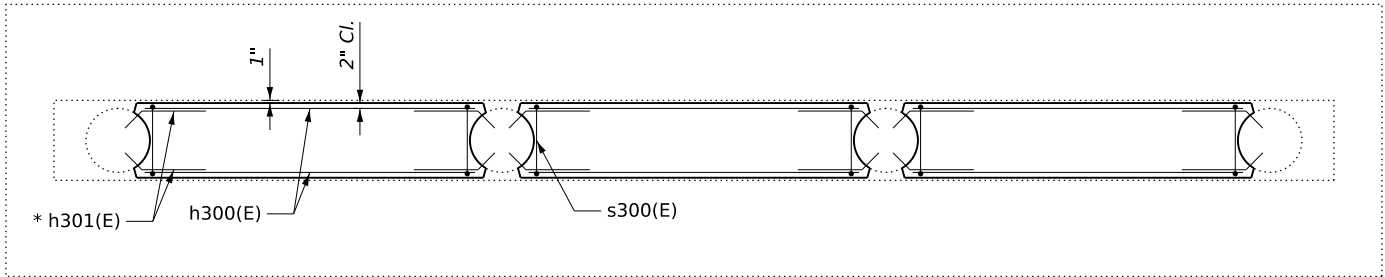
**PIER 2 REPAIR DETAILS
STRUCTURE NO. 037-0042 (W.B.)**

SHEET SC-18 OF SC-23 SHEETS

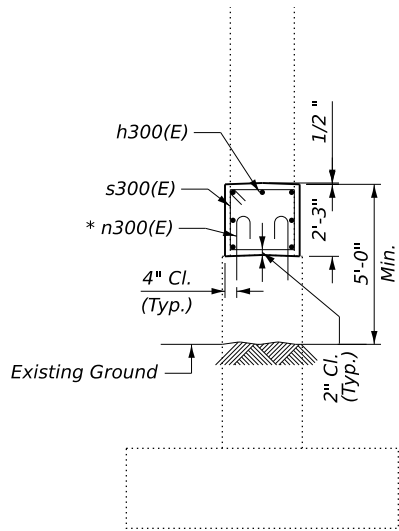
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-4HB-2	HENRY	169	125
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



ELEVATION

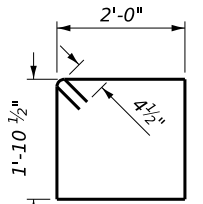


SEC. A - A

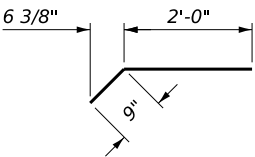


SEC. B - B

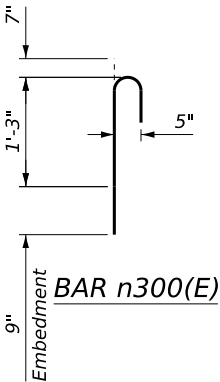
* Epoxy grout h301(E) and n300(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.



BAR s300(E)



BAR h301(E)



BAR n300(E)

TWO PIER CRASHWALLS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h300(E)	42	#5	10'-4"	
h301(E)	48	#5	2'-9"	
n300(E)	84	#5	3'-0"	
s300(E)	66	#5	8'-6"	
Concrete Structures			Cu. Yd.	12.2
Reinforcement Bars, Epoxy Coated			Pound	1,440

MODEL: 019-Crashwall Extension 037-0041
FILE NAME: c:\pw_working\lan-pw-c11\ms15618\0370041-42-D264T43-Sheets.dgn



401 E. STATE ST., 4th Floor
ROCKFORD, IL 61104
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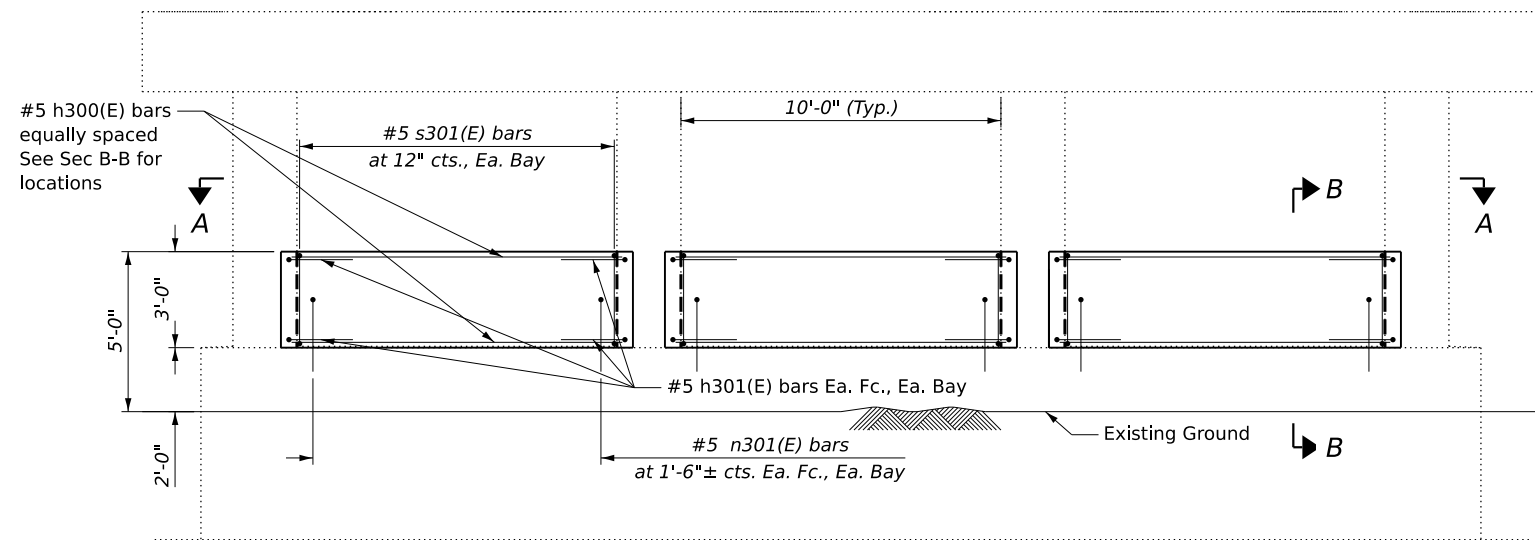
USER NAME = Justin.M.Pump	DESIGNED - JMP	REVISED -
	CHECKED - AAG	REVISED -
PLOT SCALE =	DRAWN - JMP	REVISED -
PLOT DATE = 8/7/2026	CHECKED - AAG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

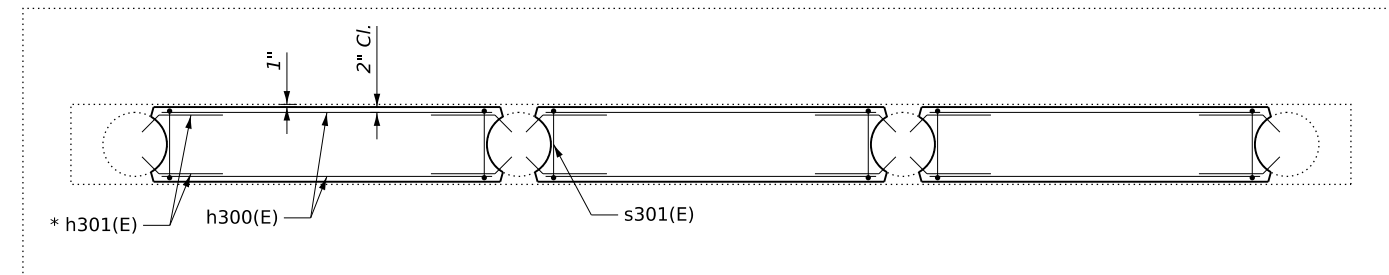
PIER CRASHWALL EXTENSION
STRUCTURE NO. 037-0041 (E.B.)

SHEET SC-19 OF SC-23 SHEETS

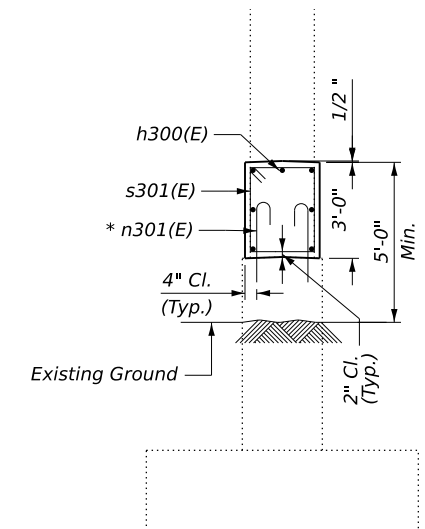
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-4HB-2	HENRY	169	126
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



ELEVATION



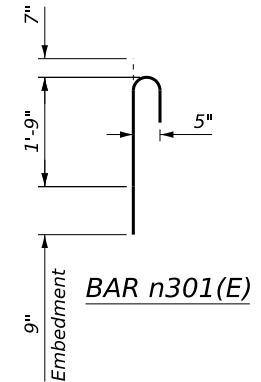
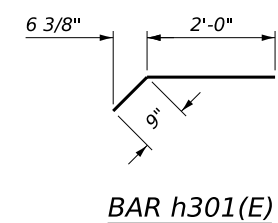
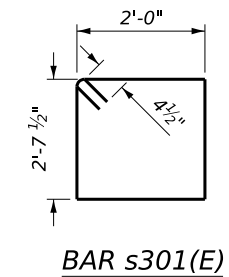
SEC. A - A



SEC. B - B

TWO PIER CRASHWALLS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h300(E)	42	#5	10'-4"	
h301(E)	48	#5	2'-9"	
n301(E)	84	#5	3'-6"	
s301(E)	66	#5	10'-0"	
Concrete Structures			Cu. Yd.	16.3
Reinforcement Bars, Epoxy Coated			Pound	1,590



MODEL: 020-Crashwall Extension 037-0042
FILE NAME: c:\pw_working\lan-pw-c11\ms15618\0370041-42-D264T43-Sheets.dgn



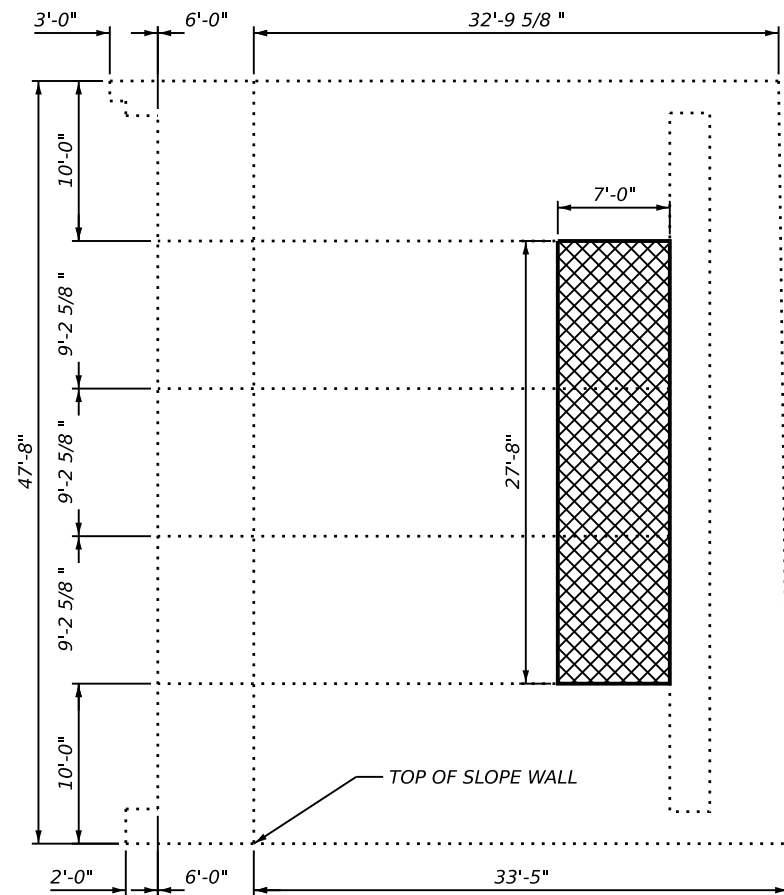
USER NAME = Justin.M.Pump	DESIGNED - JMP	REVISED -
	CHECKED - AAG	REVISED -
PLOT SCALE =	DRAWN - JMP	REVISED -
PLOT DATE = 8/7/2026	CHECKED - AAG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

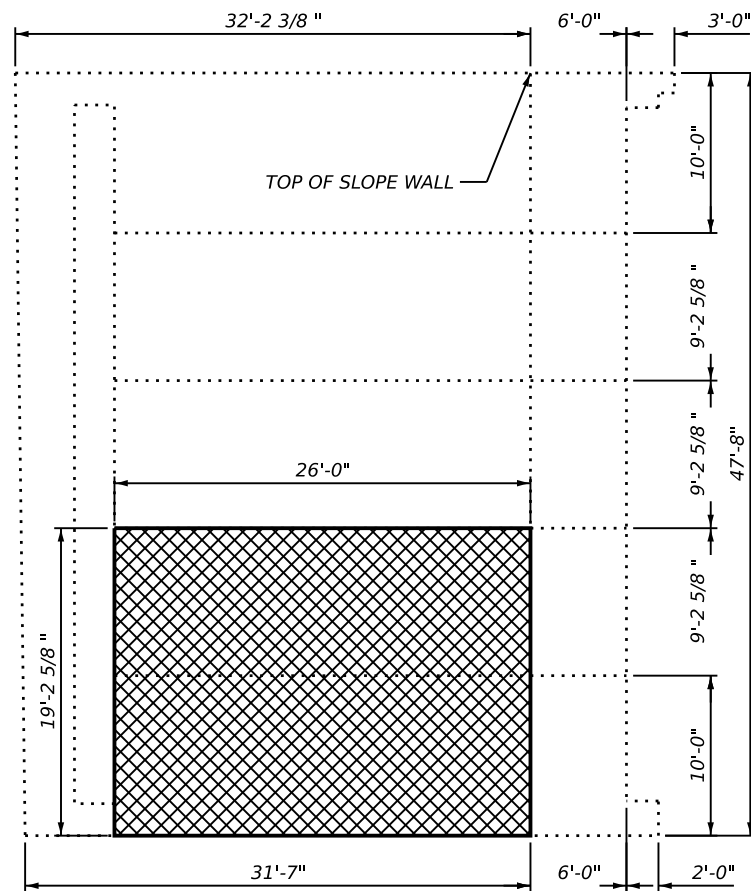
PIER CRASHWALL EXTENSION
STRUCTURE NO. 037-0042 (W.B.)

SHEET SC-20 OF SC-23 SHEETS

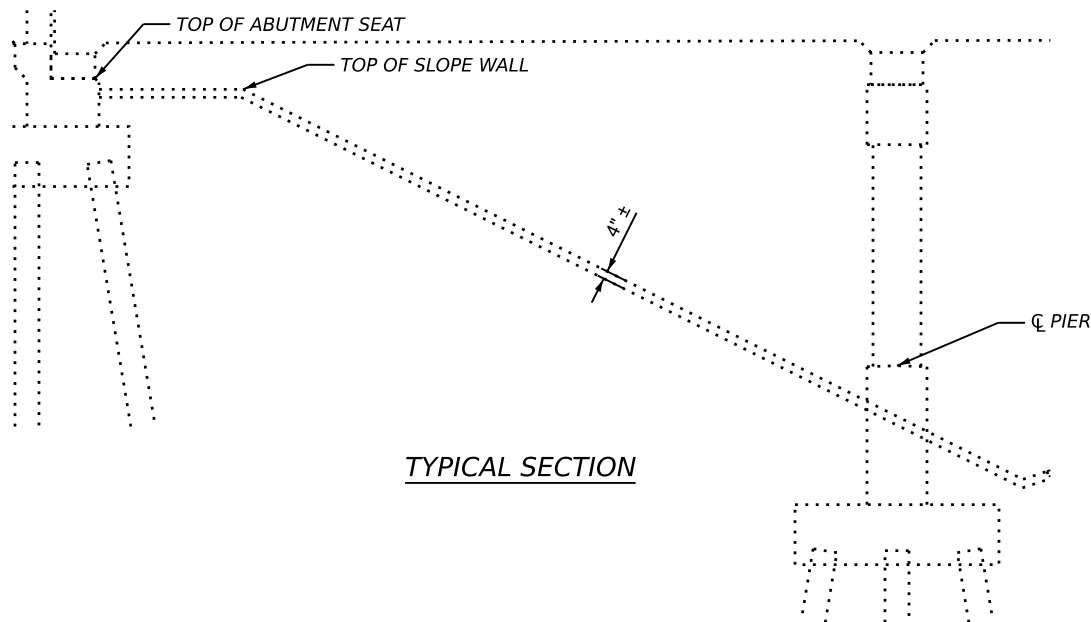
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-4HB-2	HENRY	169	127
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



WEST SLOPE WALL PLAN



EAST SLOPE WALL PLAN



TYPICAL SECTION

LEGEND



Slope Wall Repair

- Notes:
- 1.) Saw cut and remove the existing concrete slope wall as shown. Cost will be included with Stone Dumped Riprap, Class A2.
 - 2.) Replace with Stone Dumped Riprap, Class A2 in accordance with IDOT Standard Specifications.

BILL OF MATERIAL

ITEM	QUANTITY	UNIT
Stone Dumped Riprap, Class A2	77	SQ. YD.

MODEL: 021-Slope Wall Repair 037-0041
FILE NAME: c:\paw_working\enr-pw-c1\ms15618\0370041-42-D264T43-Sheets.dgn



401 E. STATE ST., 4th Floor
ROCKFORD, IL 61104
PH: 815.965.6400
www.imegcorp.com

USER NAME = Justin.M.Pump
PLOT SCALE =
PLOT DATE = 4/24/2026

DESIGNED - JMP
CHECKED - AAG
DRAWN - JMP
CHECKED - AAG

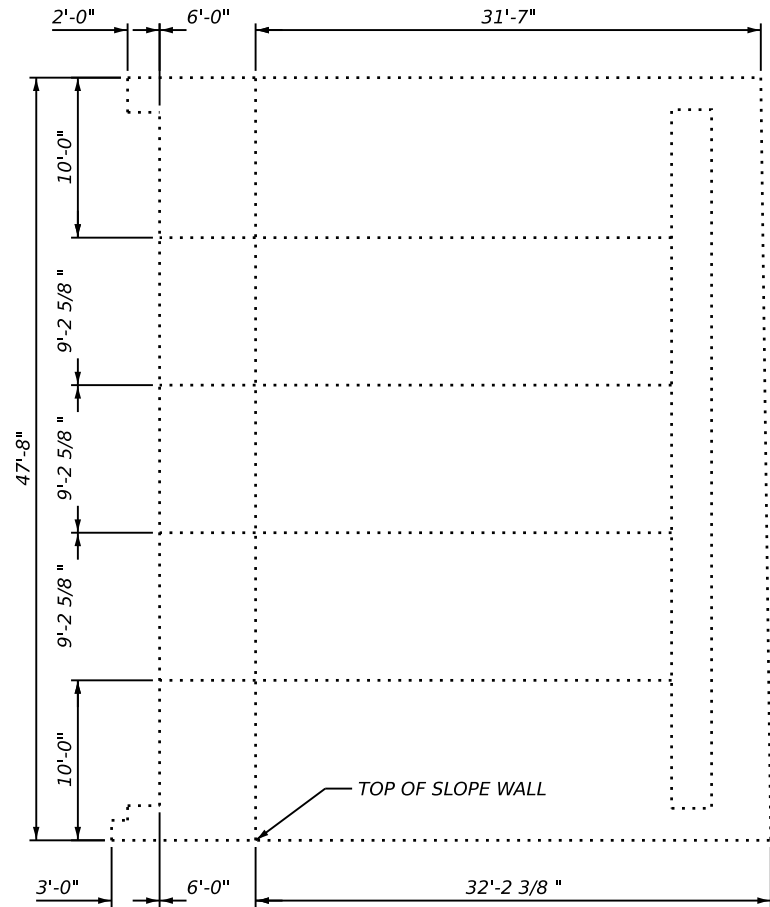
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

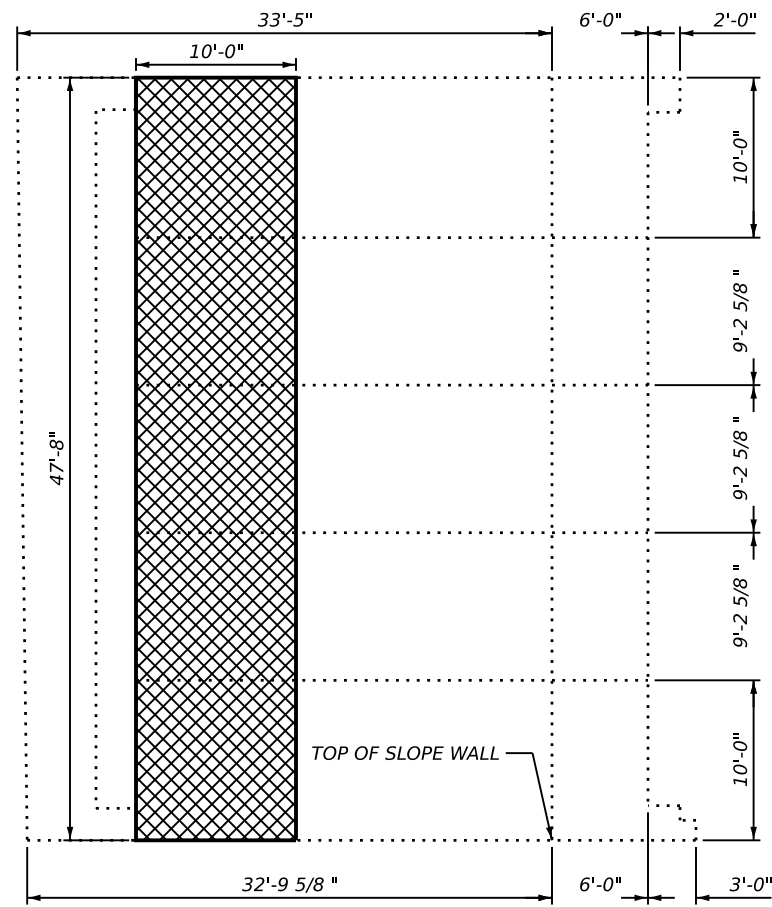
SLOPE WALL REPAIR
STRUCTURE NO. 037-0041 (E.B.)

SHEET SC-21 OF SC-23 SHEETS

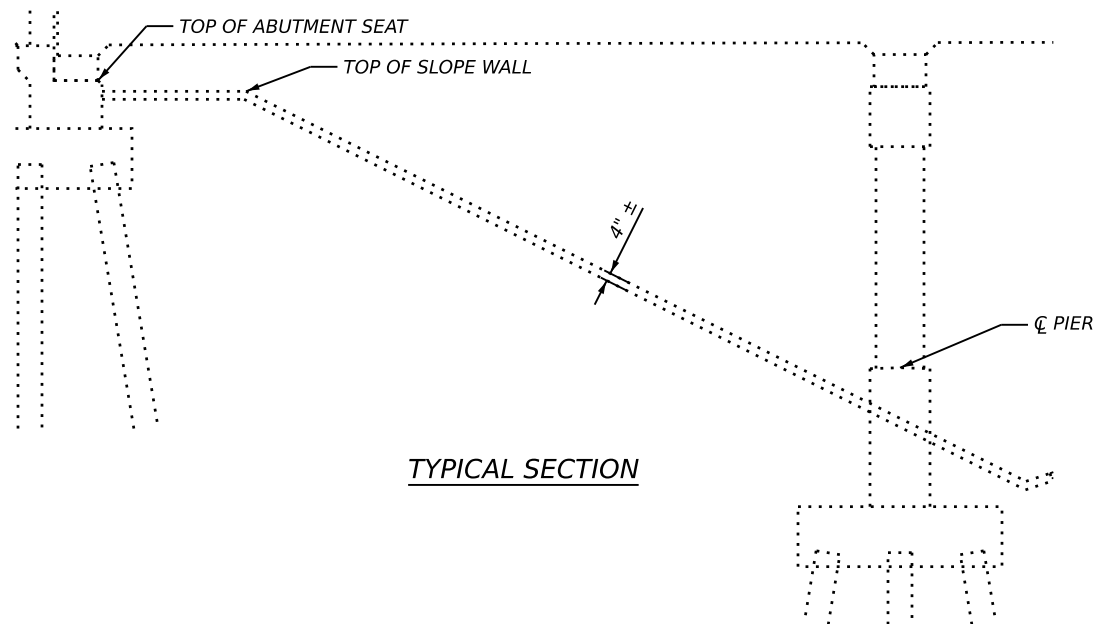
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-4HB-2	HENRY	169	128
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



WEST SLOPE WALL PLAN



EAST SLOPE WALL PLAN



TYPICAL SECTION

- Notes:
- 1.) Saw cut and remove the existing concrete slope wall as shown. Cost will be included with Stone Dumped Riprap, Class A2.
 - 2.) Replace with Stone Dumped Riprap, Class A2 in accordance with IDOT Standard Specifications.

LEGEND

 Slope Wall Repair

BILL OF MATERIAL

ITEM	QUANTITY	UNIT
Stone Dumped Riprap, Class A2	53	SQ. YD.

MODEL: 022-Slope Wall Repair 037-0042
FILE NAME: c:\paw\work\paw-pw-c1\ms15618\0370041-42-D264T43-Sheets.dgn



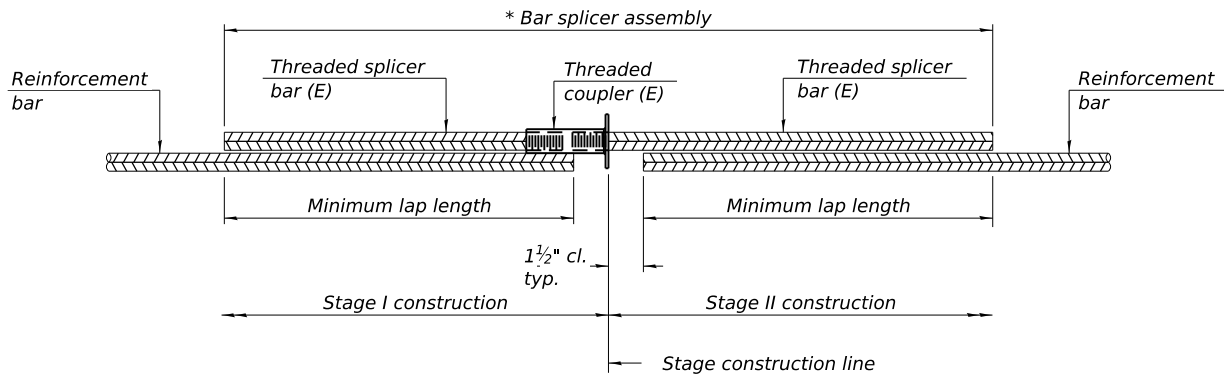
USER NAME = Justin.M.Pump	DESIGNED - JMP	REVISED -
	CHECKED - AAG	REVISED -
PLOT SCALE =	DRAWN - JMP	REVISED -
PLOT DATE = 4/24/2026	CHECKED - AAG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SLOPE WALL REPAIR
STRUCTURE NO. 037-0042 (W.B.)

SHEET SC-22 OF SC-23 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-4HB-2	HENRY	169	129
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



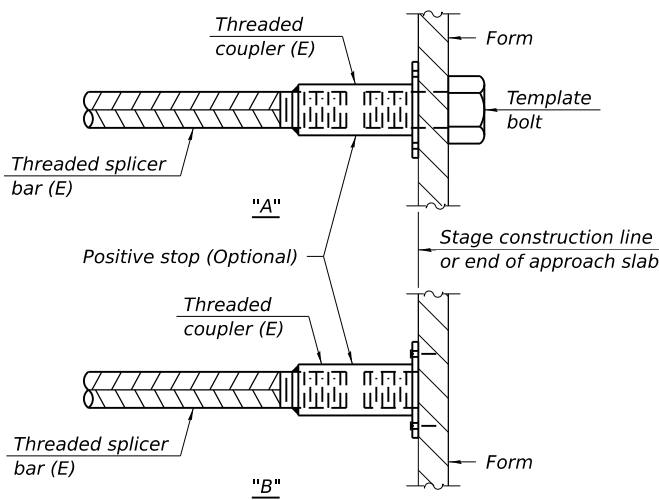
STANDARD BAR SPLICER ASSEMBLY PLAN

Only bar splicer assemblies as presented on the approved QPL list may be used.

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

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

Location	Bar size	No. assemblies required	Minimum lap length
Top of Approach Slab	#5	184	2'-6"
Bottom of Approach Slab	#8	240	7'-4"
Approach Footing	#5	160	3'-5"
Bridge Joint	#5	8	3'-5"

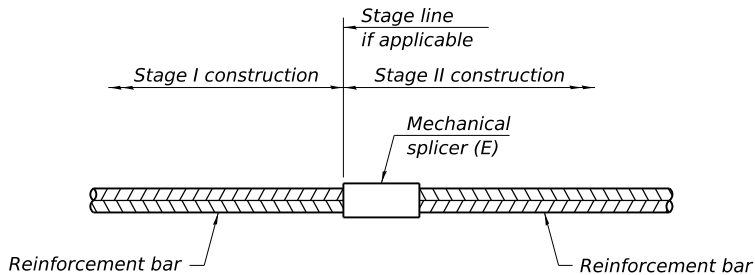


INSTALLATION AND SETTING METHODS

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

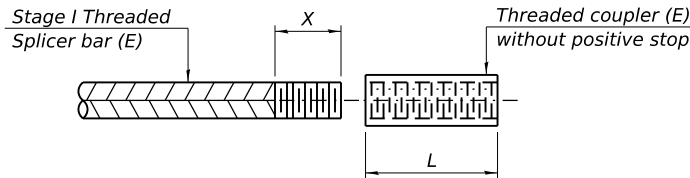
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



THREADING OF ASSEMBLIES

The threaded length "X" shall be no more than L/2. The bar should be tightened until 0-1 thread(s) is/are exposed.

Notes:
Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
All reinforcement shall be lapped and tied to the splicer bars.
Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
See approved list of bar splicer assemblies and mechanical splicers for alternatives.

MODEL: 023-Bar Splicer Assembly
FILE NAME: c:\paw_working\jamp-pw-c11\ms15618\0370041-42-D264T43-Sheets.dgn

BSD-1

4-4-2025



401 E. STATE ST., 4th Floor
ROCKFORD, IL 61104
PH: 815.965.6400
www.imegcorp.com

USER NAME = Justin.M.Pump	DESIGNED - JMP	REVISED -
	CHECKED - AAG	REVISED -
PLOT SCALE =	DRAWN - JMP	REVISED -
PLOT DATE = 8/7/2026	CHECKED - AAG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
STRUCTURE NO. 037-0041 (E.B.) & 037-0042 (W.B.)

SHEET SC-23 OF SC-23 SHEETS

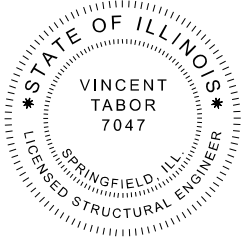
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-4HB-2	HENRY	169	130
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

Existing Structure: S.N. 037-0043 & 037-0044, originally built in 1962 as four-span continuous wide flange steel beam superstructure with stub abutments and hammerhead piers. In 2004 the superstructure was replaced, out to out width = 38.7 ft and back to back length = 286 ft. The abutments were modified to be semi-integral. Structure is to be repaired as detailed in these plans. Traffic is to be maintained using stage construction.

No Salvage

Vincent P. Tabor
Vincent Tabor, Illinois S.E. 081-007047
Expires 11/30/2026

8/7/2026
Date



SCOPE OF WORK

1. Replace expansion joints at end of approach slabs.
2. Scarify the bridge deck and approach slabs.
3. Place a latex concrete overlay on bridge deck and approach slabs.
4. Concrete repairs of parapets.
5. Concrete repairs of substructure.
6. Slopewall repairs.

INDEX OF SHEETS

- SD-1. General Plan and Elevation
SD-2. General Data
SD-3. Stage Construction Details
SD-4. Temporary Concrete Barrier
SD-5. Eastbound Deck Overlay Plan
SD-6. Westbound Deck Overlay Plan
SD-7. Expansion Joint Details
SD-8. Eastbound Substructure Repairs
SD-9. Westbound Substructure Repairs
SD-10. Slope Wall Repair Details
SD-11. Bar Splicer Assembly and Mechanical Splicer Details

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications
for Highway Bridges - LFD

DESIGN STRESSES

FIELD UNITS (EXIST. CONST.)

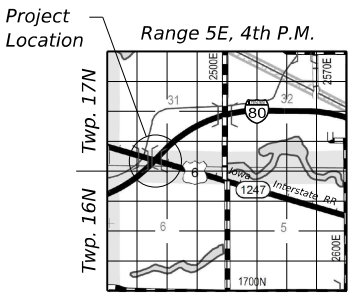
$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinf. Superstructure)
 $f_y = 40,000$ psi (Reinf. Substructure)
 $f_y = 50,000$ psi (M270 Grade 50)

FIELD UNITS (NEW CONST.)

$f'_c = 4,000$ psi
 $f_y = 60,000$ psi (Reinforcement)

LOADING HS-20

Existing and Proposed



LOCATION SKETCH

GENERAL PLAN AND ELEVATION

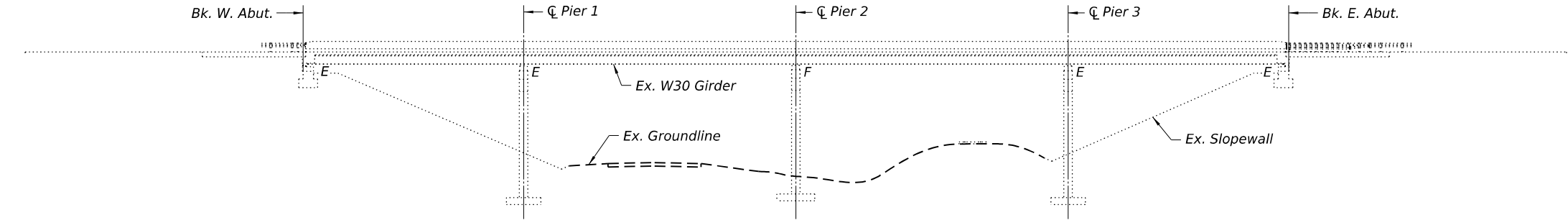
I-80 OVER U.S. 6 & IOWA INTERSTATE RAILROAD

F.A.I. ROUTE 80

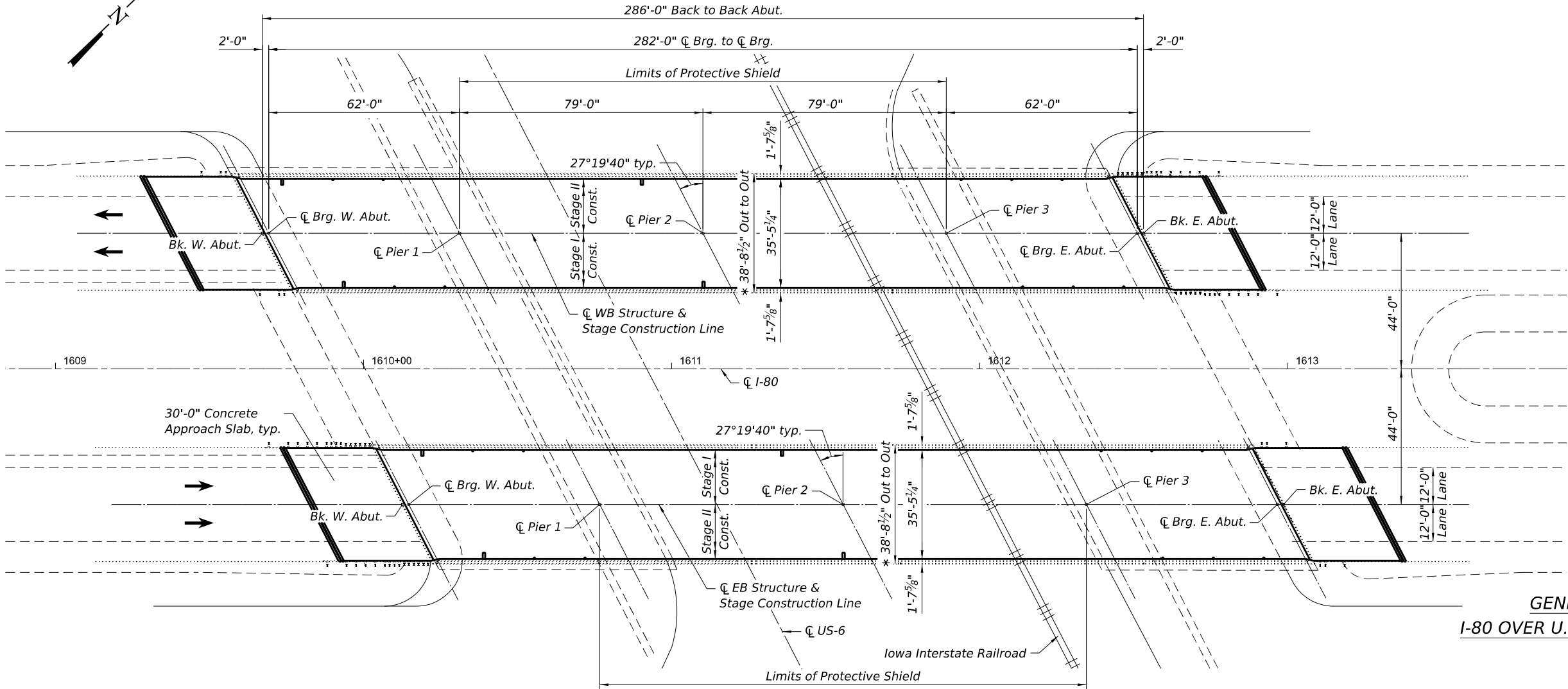
SECTION 37-5HBR-3

HENRY COUNTY

STRUCTURE NOS. 037-0043 (EB) & 037-0044 (WB)



ELEVATION



PLAN

* Transverse Limit of Protective Shield

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 037-0043 (E.B.) & 037-0044 (W.B.)

SHEET SD-1 OF SD-11 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	131
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



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USER NAME =	DESIGNED - CFS	REVISED -
	CHECKED - VPT	REVISED -
PLOT SCALE =	DRAWN - CFS	REVISED -
PLOT DATE = 08/06/2026	CHECKED - VPT	REVISED -

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FILE NAME: pw:/farmsworthgroup-pw-bentley.com/farm-pw-01/Drawings/DGN/CAD_Sheets/0370043-0044/17 Structural/0370043_0370044-64T43-001-GPE.dgn

GENERAL NOTES

No field welding is permitted except as specified in the contract documents.

Reinforcement bars designated (E) shall be epoxy coated.

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

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

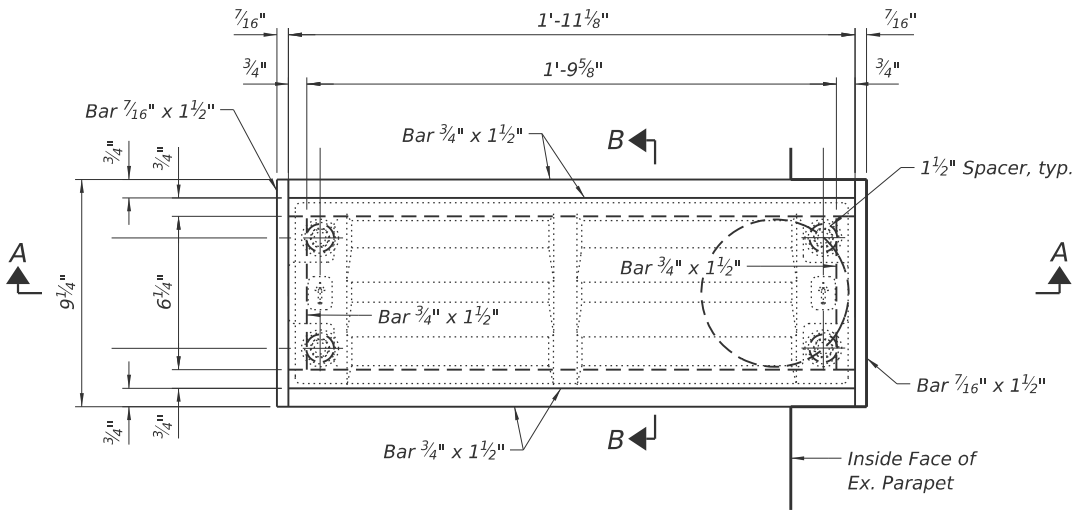
Protective Coat shall only be applied to new concrete areas, including the top surface of the Latex Concrete Overlay on the deck and approach slabs.

Concrete Sealer shall be applied to the finished surfaces of all concrete repairs for the abutments and piers.

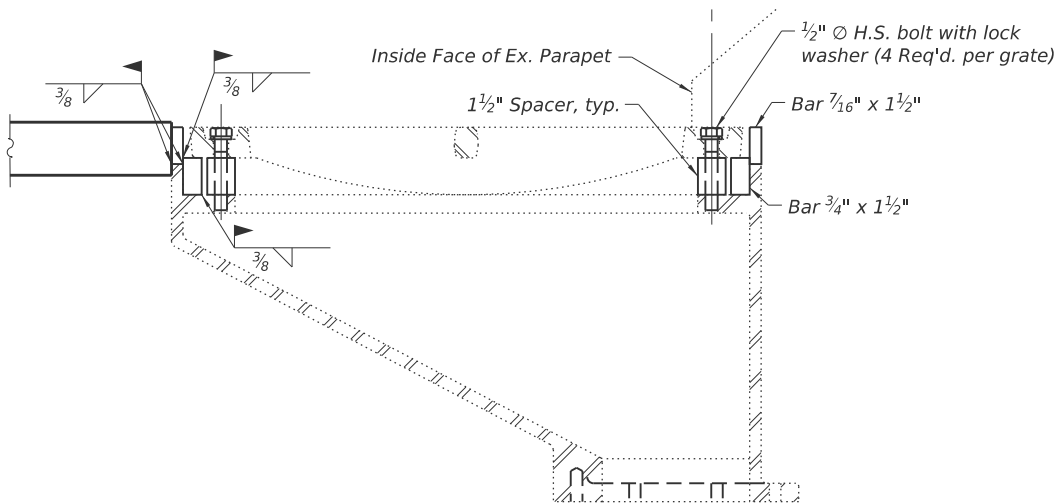
Acrylic Coating shall only be applied to existing and new concrete areas along the top and inside vertical faces of the parapets.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub	Total
Concrete Removal	Cu. Yd.	5.5	-	5.5
Protective Shield	Sq. Yd.	1,308	-	1,308
Concrete Superstructure	Cu. Yd.	6.8	-	6.8
Protective Coat	Sq. Yd.	2,731	-	2,731
Reinforcement Bars, Epoxy Coated	Pound	350	-	350
Bar Splicers	Each	8	-	8
Bridge Deck Scarification 3/4"	Sq. Yd.	2,718	-	2,718
Bridge Deck Latex Concrete Overlay, 2 1/2"	Sq. Yd.	2,718	-	2,718
Structural Repair of Concrete (Depth Equal to or Less Than 5 inches)	Sq. Ft.	4	33	37
Concrete Sealer	Sq. Ft.	-	33	33
Diamond Grinding (Bridge Section)	Sq. Yd.	2,424	-	2,424
Acrylic Coating	Sq. Yd.	488	-	488
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	1,838	-	1,838
Slope Wall Repair	Sq. Yd.	-	5	5
Slope Wall Slurry Pumping	Cu. Yd.	-	12.5	12.5
Drainage Scuppers to be Adjusted	Each	8	-	8

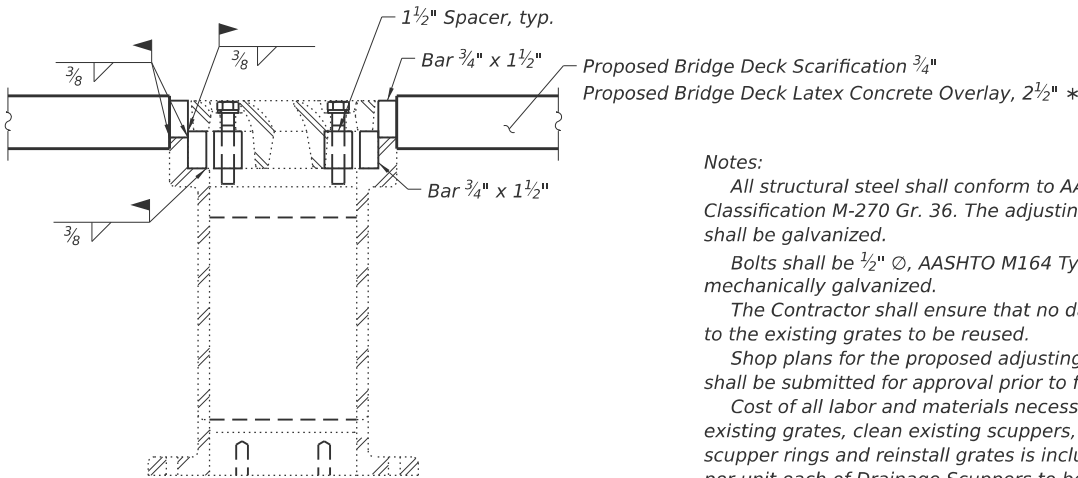


PLAN - DRAINAGE SCUPPER ADJUSTING RING DETAILS



SECTION A-A

* Prior to 1/4" Grinding



SECTION B-B

Notes:
All structural steel shall conform to AASHTO Classification M-270 Gr. 36. The adjusting scupper ring shall be galvanized.
Bolts shall be 1/2" Ø, AASHTO M164 Type I, mechanically galvanized.
The Contractor shall ensure that no damage is done to the existing grates to be reused.
Shop plans for the proposed adjusting scupper ring shall be submitted for approval prior to fabrication.
Cost of all labor and materials necessary to remove existing grates, clean existing scuppers, install adjusting scupper rings and reinstall grates is included in the cost per unit each of Drainage Scuppers to be Adjusted.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 037-0043 (E.B.) & 037-0044 (W.B.)

SHEET SD-2 OF SD-11 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-3-1,4,5,6))BRR	HENRY	169	132
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



QUIGG ENGINEERING INC

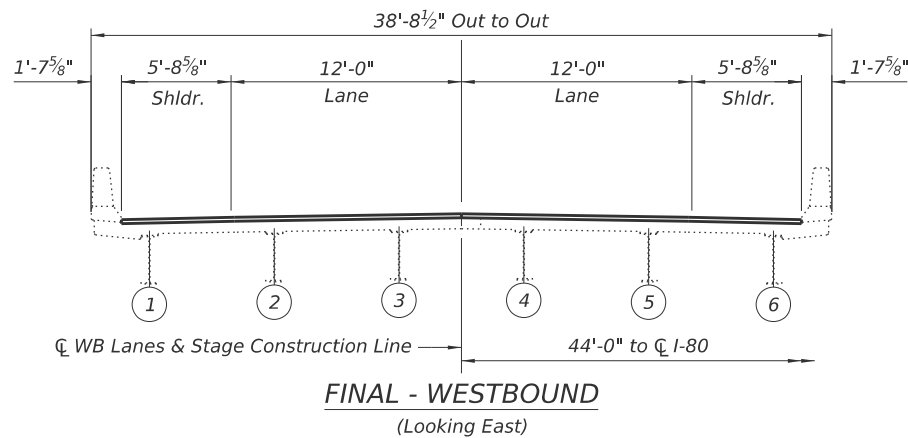
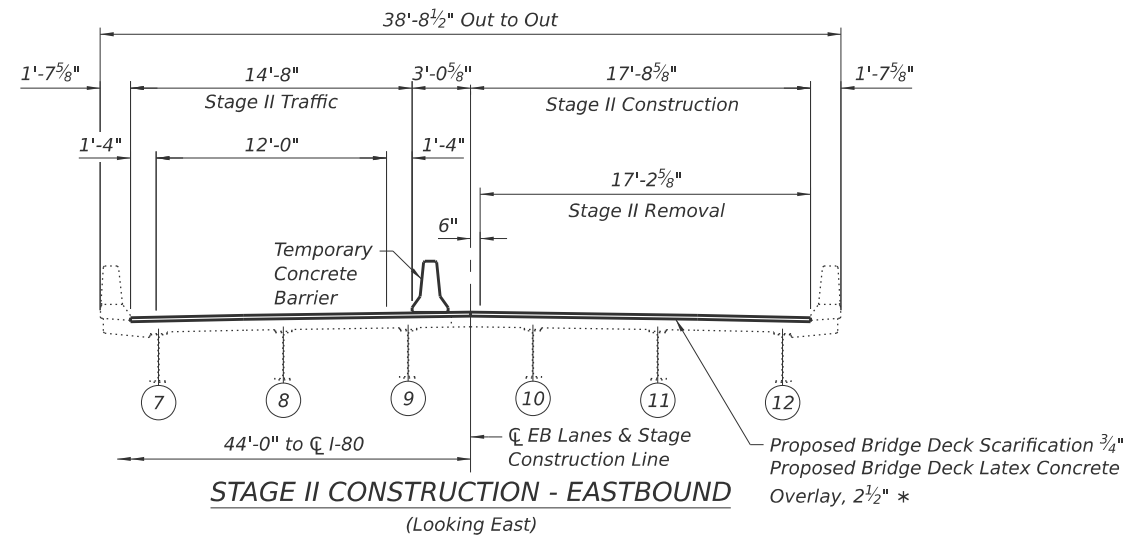
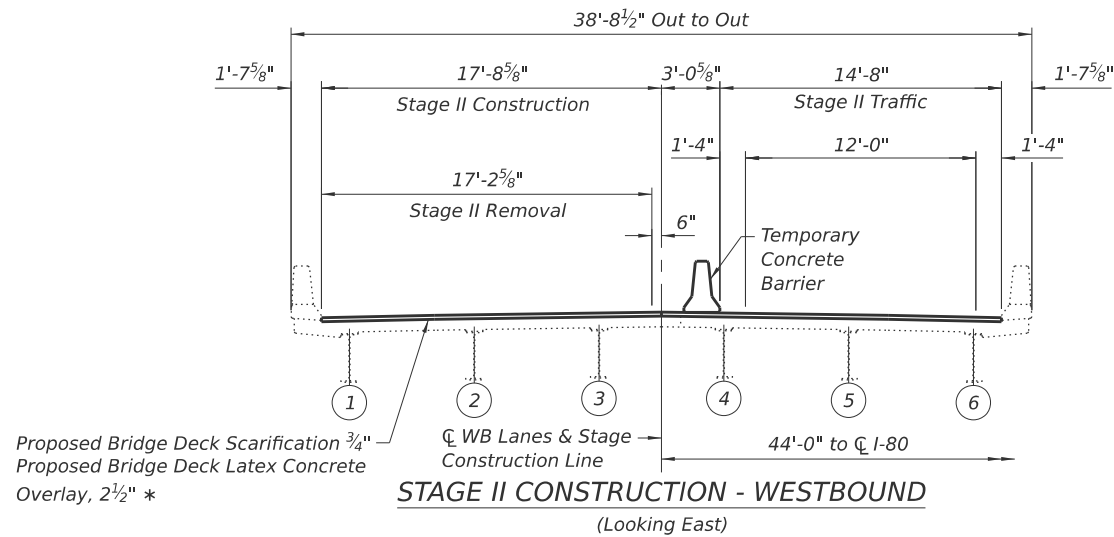
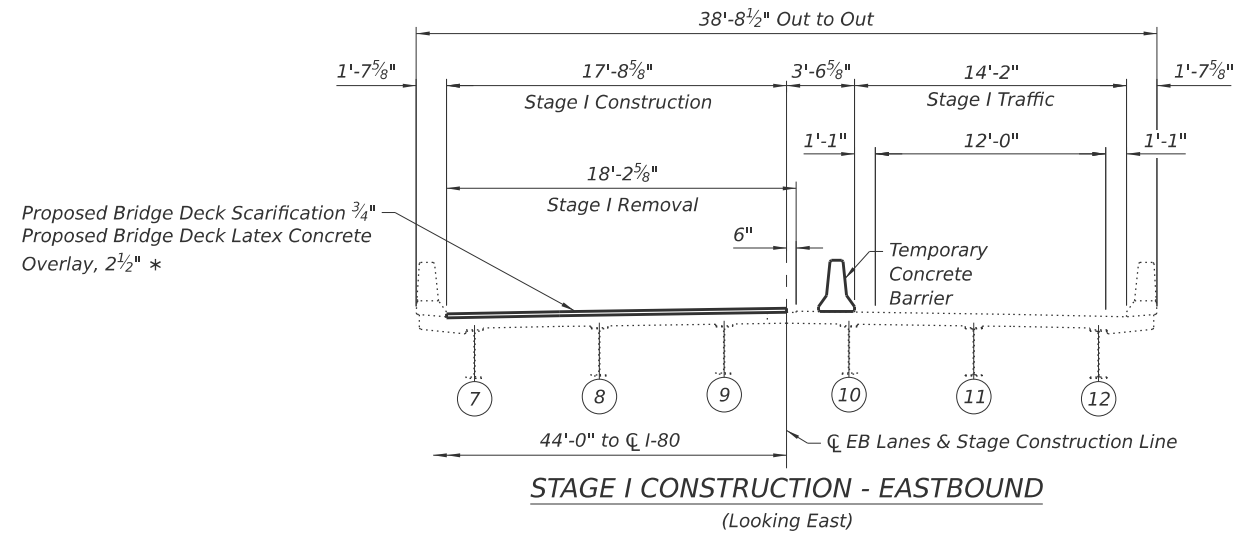
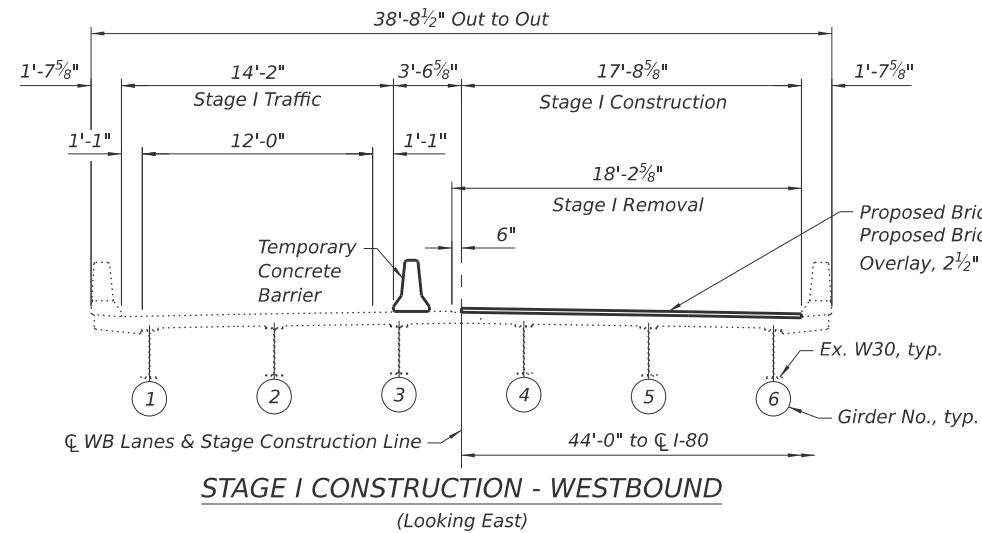
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	CHECKED - VPT	REVISED -
PLOT SCALE =	DRAWN - CFS	REVISED -
PLOT DATE = 05/01/2026	CHECKED - VPT	REVISED -

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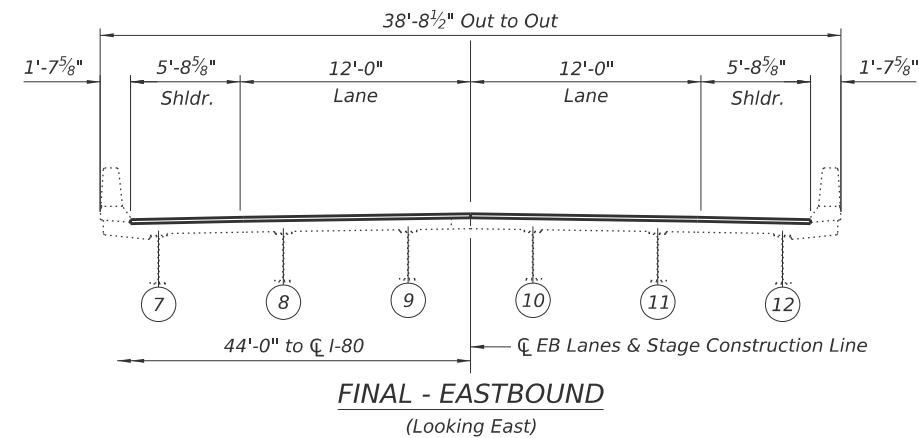
5/1/2026

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* Prior to 1/4" Grinding



QUIGG ENGINEERING INC

USER NAME =	DESIGNED - CFS	REVISED -
	CHECKED - VPT	REVISED -
PLOT SCALE =	DRAWN - CFS	REVISED -
PLOT DATE = 05/01/2026	CHECKED - VPT	REVISED -

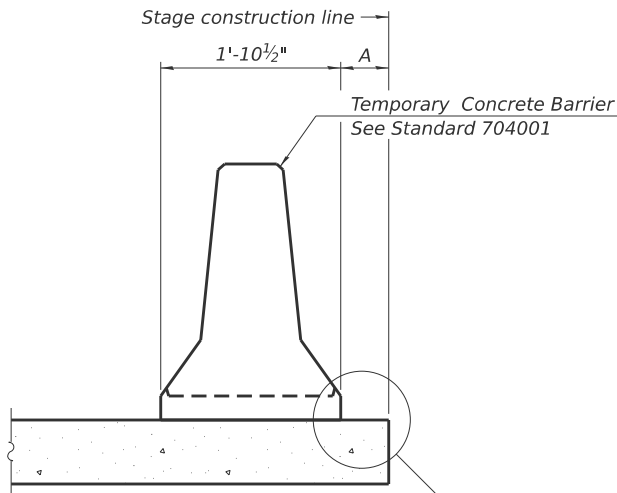
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 037-0043 (E.B.) & 037-0044 (W.B.)

SHEET SD-3 OF SD-11 SHEETS

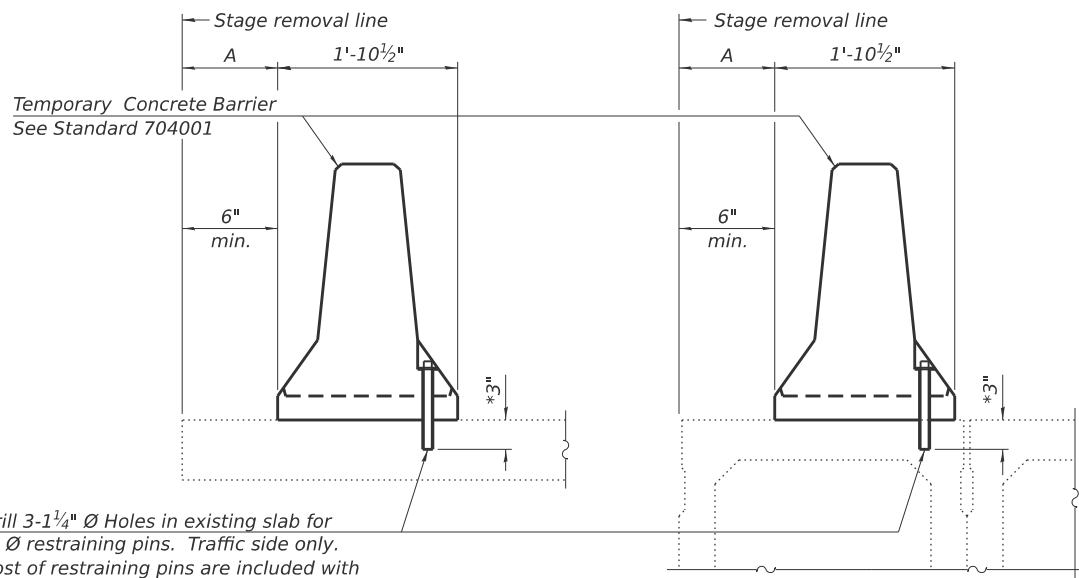
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-3-1,4,5,6)BRR	HENRY	169	133
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

MODEL: 0370043-0044-64143-004-TCB [Sheet]
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When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

NEW SLAB OR NEW DECK BEAM

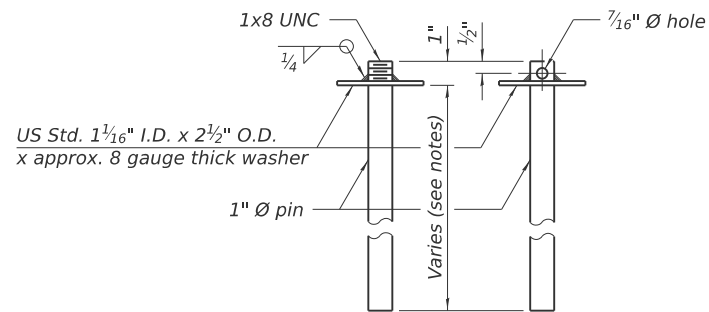


Drill 3-1/4" Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins is included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

EXISTING SLAB

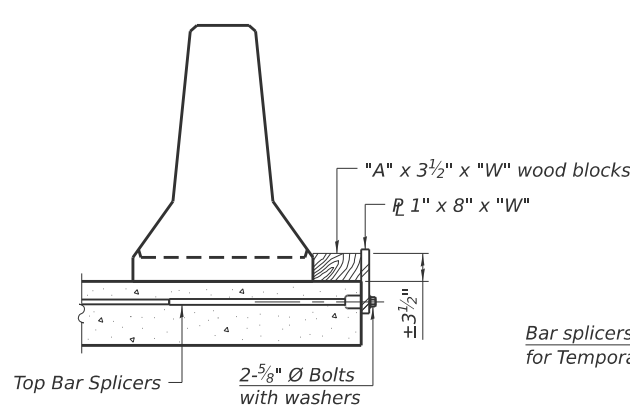
* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

EXISTING DECK BEAM

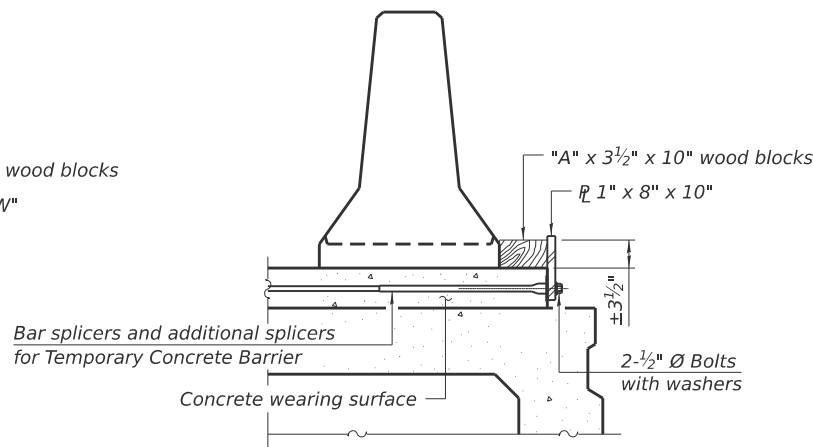


RESTRAINING PIN

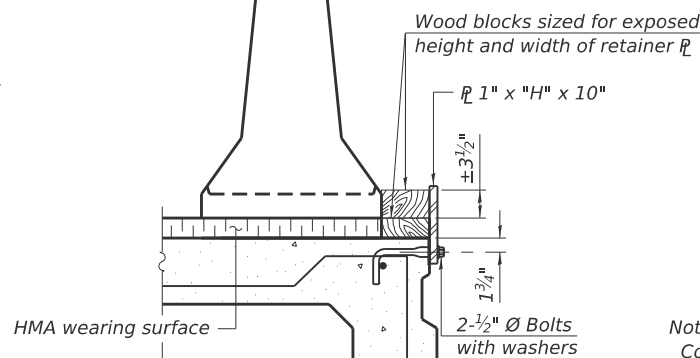
SECTIONS THRU SLAB OR DECK BEAM



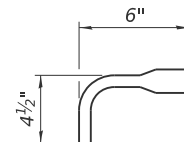
DETAIL I



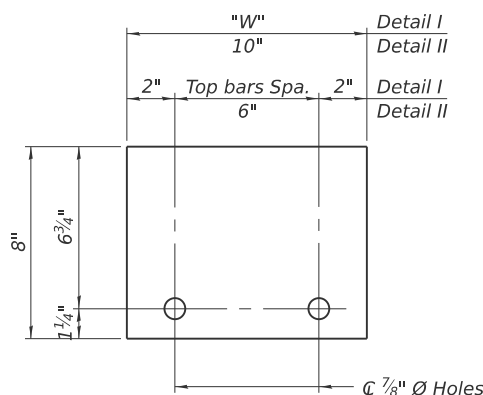
DETAIL II



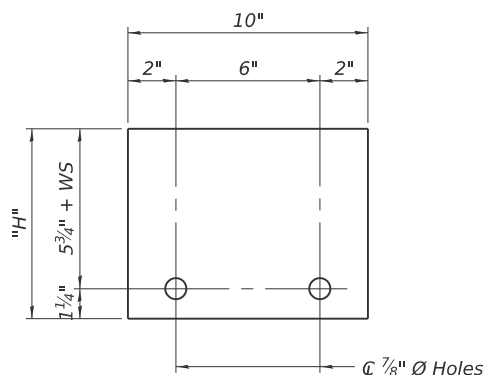
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



STEEL RETAINER 1" x 8" x "W"
(Detail I and II)



STEEL RETAINER 1" x "H" x 10"
(Detail III)

Notes:
Cost of retainer assembly is included with Temporary Concrete Barrier.
A retainer assembly shall be located at the approximate C of each temporary concrete barrier.
The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
When the 'A' dimension is less than 1 1/2", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.

Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.

Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

RAILING CRITERIA

NCHRP 350 Test Level	3
Railing Weight (plf)	440

R-27

5-15-2023



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USER NAME =	DESIGNED - CFS	REVISED -
	CHECKED - VPT	REVISED -
PLOT SCALE =	DRAWN - CFS	REVISED -
PLOT DATE = 05/01/2026	CHECKED - VPT	REVISED -

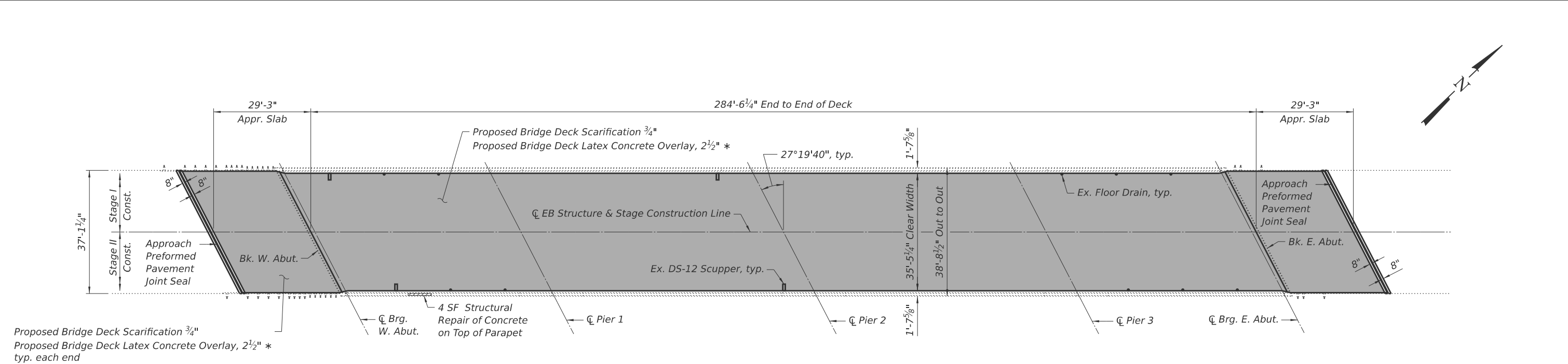
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CONCRETE BARRIER
STRUCTURE NO. 037-0043 (E.B.) & 037-0044 (W.B.)

SHEET SD-4 OF SD-11 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	134
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

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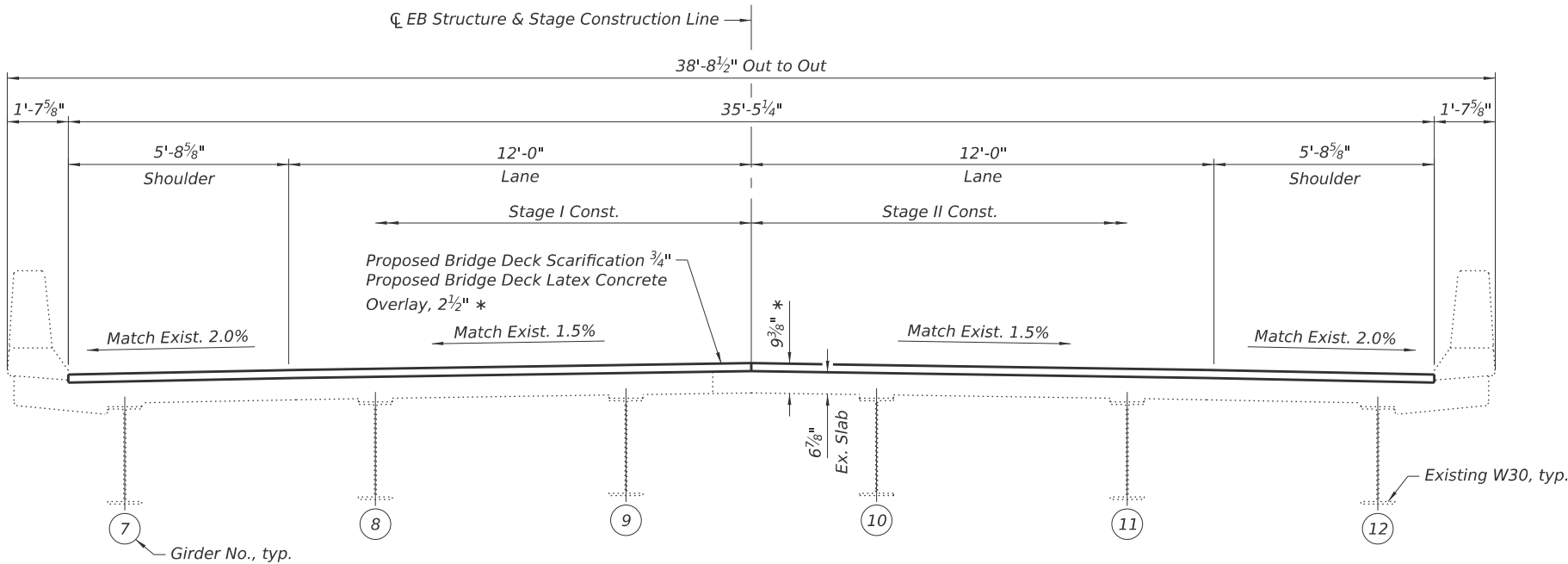


PLAN

LEGEND

- Scarification and Latex Concrete Overlay Limits
- Structural Repair of Concrete (Depth Equal to or less than 5")

* Prior to 1/4" Grinding



CROSS SECTION
(Looking East)

BILL OF MATERIAL

Item	Unit	Total
Protective Coat	Sq. Yd.	1,366
Bridge Deck Scarification 3/4"	Sq. Yd.	1,359
Bridge Deck Latex Concrete Overlay, 2 1/2"	Sq. Yd.	1,359
Diamond Grinding (Bridge Section)	Sq. Yd.	1,212
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	919
Structural Repair of Concrete (Depth Equal to or less than 5")	Sq. Ft.	4
Acrylic Coating	Sq. Yd.	244

Notes:
See Sheet SD-2 of SD-11 for overlay details at floor drains and scuppers.
See Sheet SD-7 of SD-11 for approach Preformed Pavement Joint Seal details.

MODEL: 0370043-0044-64143-006-WB Overlay [Sheet]
FILE NAME: \\bs01\Projects\2025\25IL031 - PTB 216-032 D2 - Farnsworth - Var Ph HIWO #2 - I80 Repair Plans\CADD\CADD Sheets\0370043_0370044-64143-006-WB Overlay.dgn



USER NAME =	DESIGNED - CFS	REVISED -
	CHECKED - VPT	REVISED -
PLOT SCALE =	DRAWN - CFS	REVISED -
PLOT DATE = 05/01/2026	CHECKED - VPT	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECK OVERLAY PLAN
STRUCTURE NO. 037-0044 (W.B.)

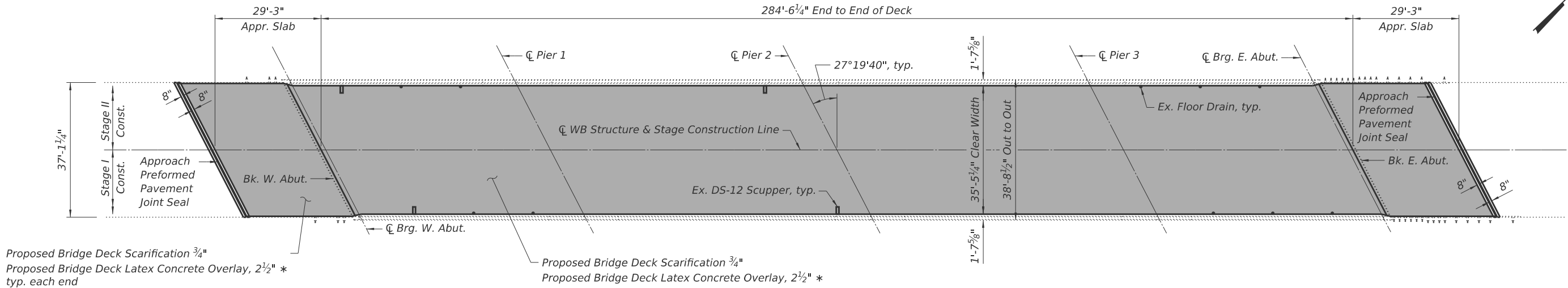
SHEET SD-6 OF SD-11 SHEETS

BILL OF MATERIAL

Item	Unit	Total
Protective Coat	Sq. Yd.	1,365
Bridge Deck Scarification $\frac{3}{4}$ "	Sq. Yd.	1,359
Bridge Deck Latex Concrete Overlay, $2\frac{1}{2}$ "	Sq. Yd.	1,359
Diamond Grinding (Bridge Section)	Sq. Yd.	1,212
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	919
Acrylic Coating	Sq. Yd.	244

*

Notes:
See Sheet SD-2 of SD-11 for overlay details at floor drains and scuppers.
See Sheet SD-7 of SD-11 for approach Preformed Pavement Joint Seal details.

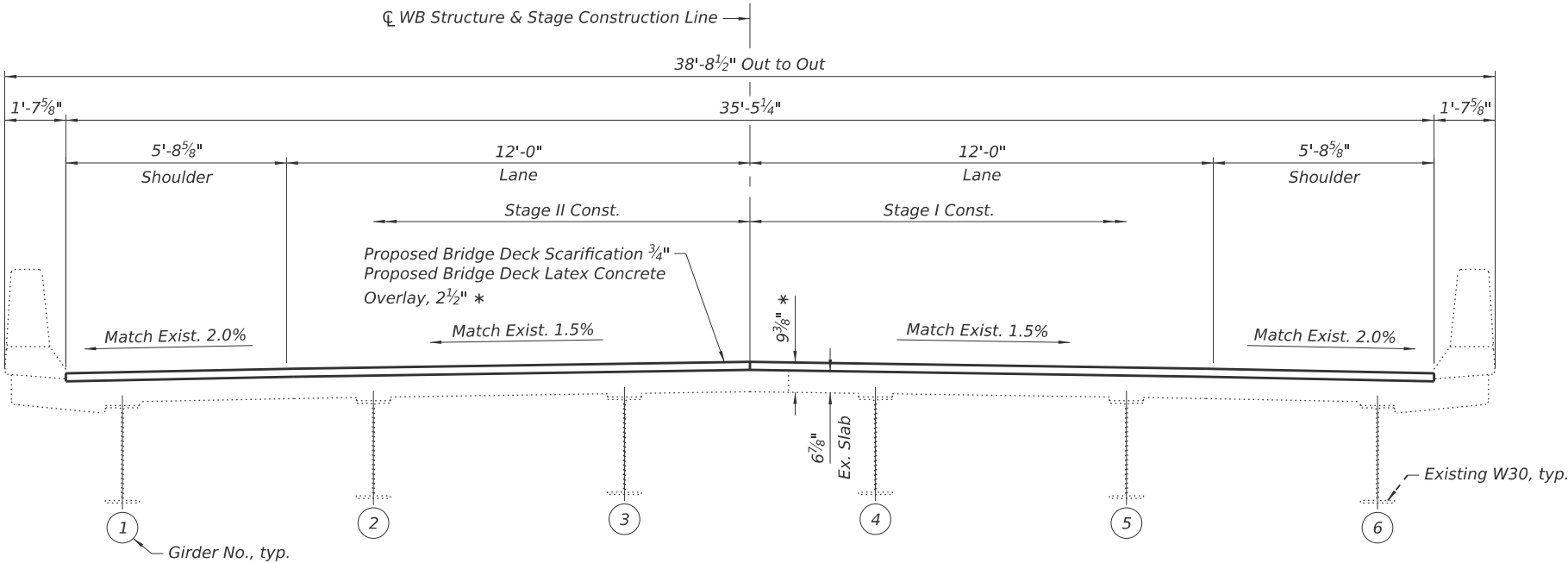


PLAN

LEGEND

Scarification and Latex Concrete Overlay Limits

* Prior to $\frac{1}{4}$ " Grinding



CROSS SECTION
(Looking East)

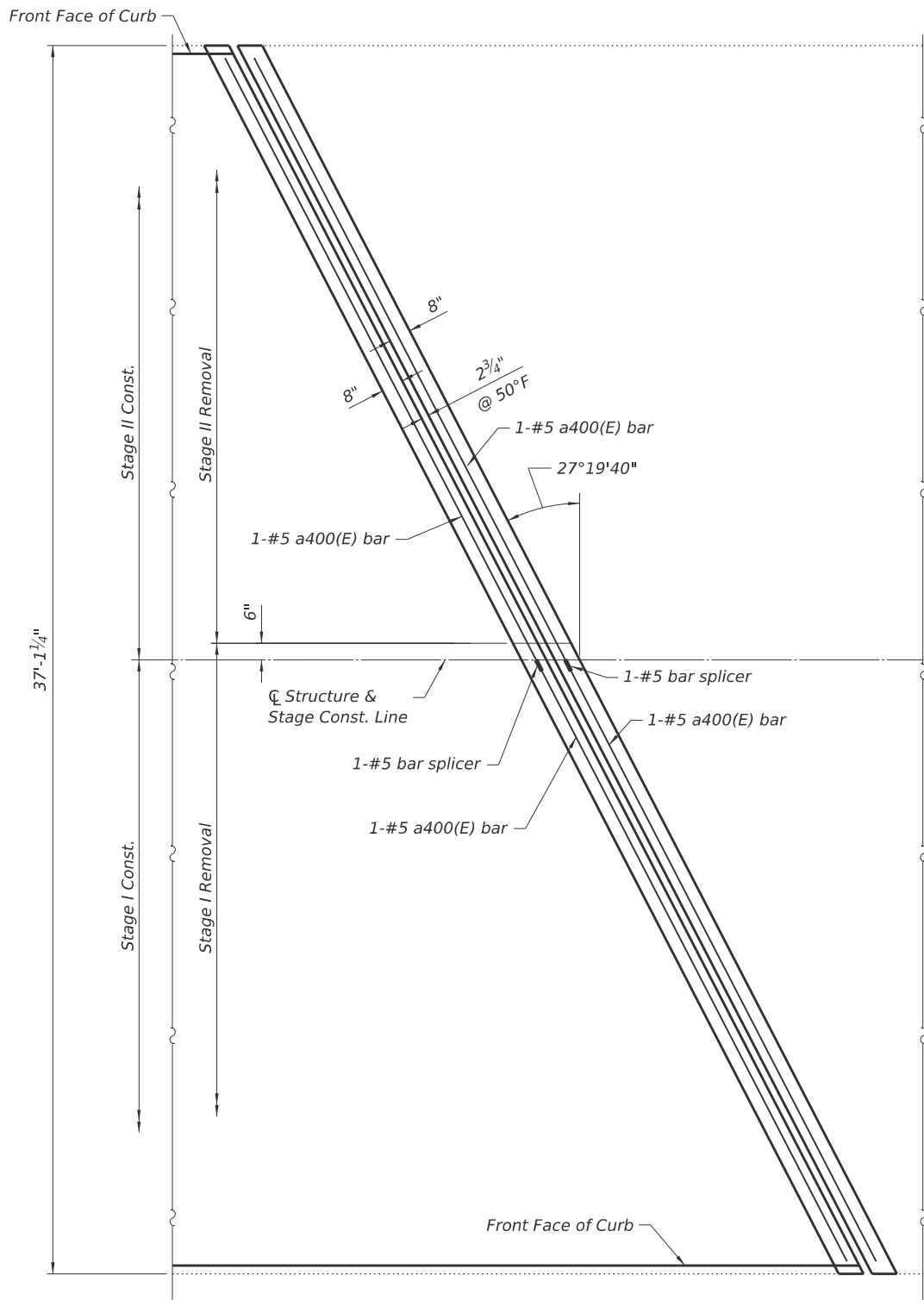
BILL OF MATERIAL

Item	Unit	Total
Protective Coat	Sq. Yd.	1,365
Bridge Deck Scarification $\frac{3}{4}$ "	Sq. Yd.	1,359
Bridge Deck Latex Concrete Overlay, $2\frac{1}{2}$ "	Sq. Yd.	1,359
Diamond Grinding (Bridge Section)	Sq. Yd.	1,212
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	919
Acrylic Coating	Sq. Yd.	244

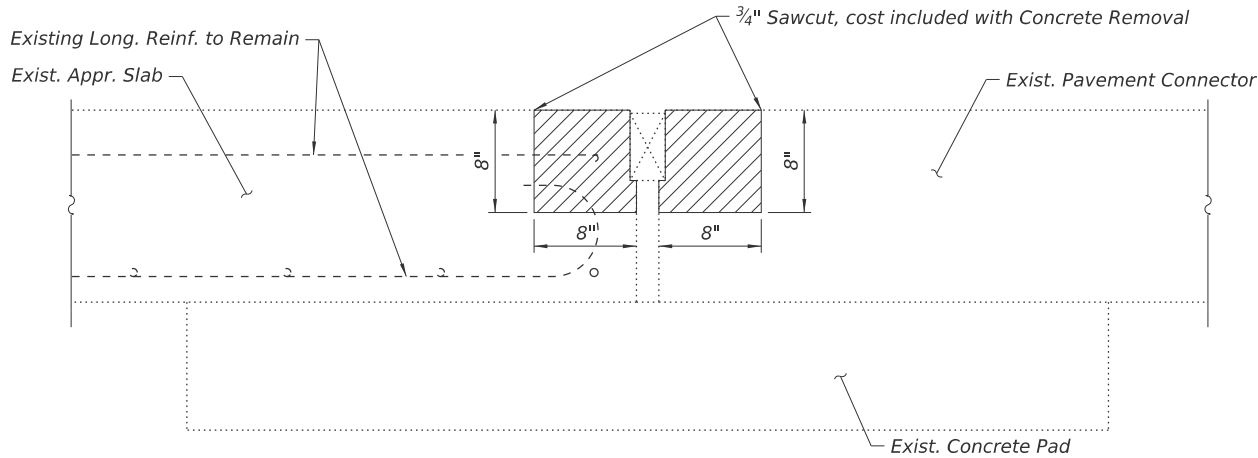
*

Notes:
See Sheet SD-2 of SD-11 for overlay details at floor drains and scuppers.
See Sheet SD-7 of SD-11 for approach Preformed Pavement Joint Seal details.

MODEL: 0370043-0044-64143-007-Joint [Sheet]
FILE NAME: \\bs01\Projects\2025\25IL031 - PTB 216-032 D2 - Farnsworth - Var Ph II\WO #2 - I80 Repair Plans\CADD\CADD Sheets\0370043_0370044-64143-007-Joint.dgn



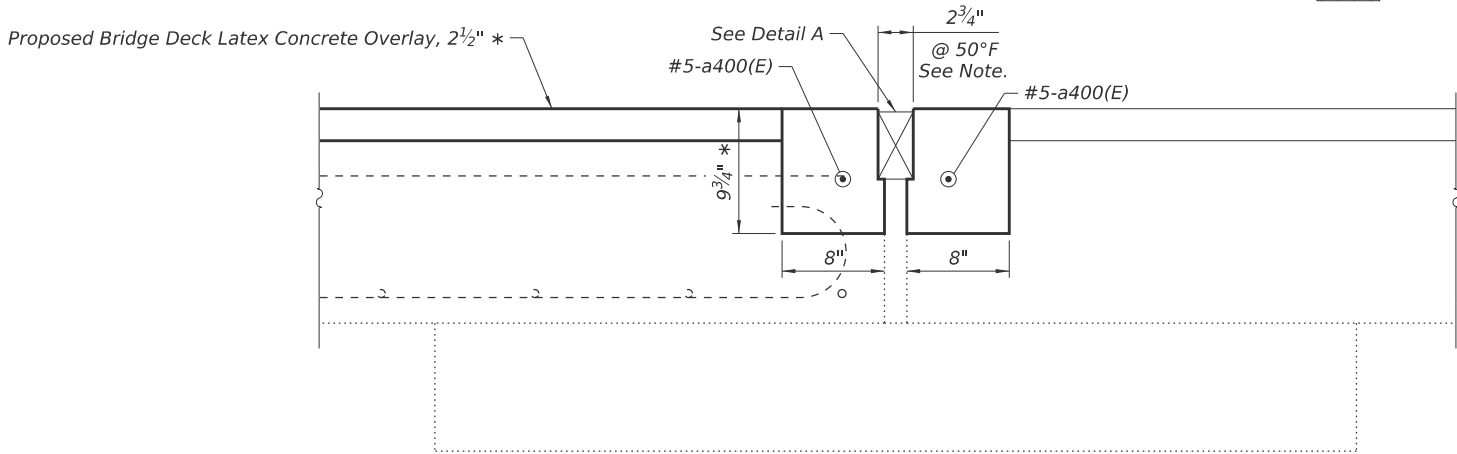
PARTIAL PLAN
(WB E. Abut. Shown, others similar)



CONCRETE REMOVAL SECTION

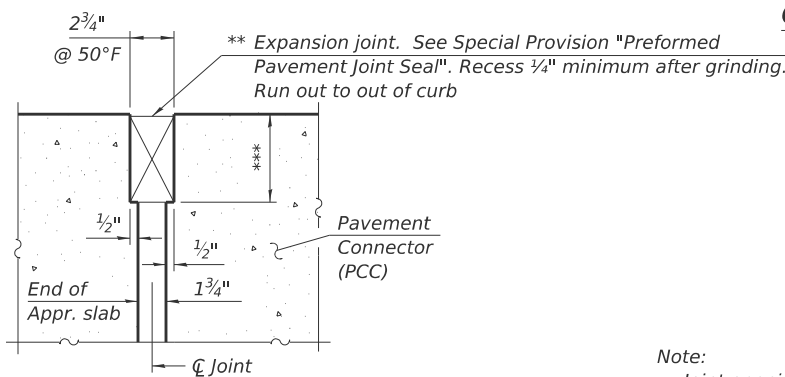
LEGEND

 Concrete Removal



CONCRETE REPLACEMENT SECTION

* Prior to 1/4" Grinding



DETAIL A

** Cost included with Concrete Superstructure. Preformed Pavement Joint Seal shall be Preformed Silicone Joint Seal according to option (c) of the Special Provision for Preformed Pavement Joint Seal.

*** Per manufacturer recommendations

Note:
Joint openings shall be adjusted according to Article 520.004 of the Standard Specifications when the approach slab is poured at an ambient temperature other than 50°F.

**FOUR JOINT REPLACEMENT
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a400(E)	16	#5	20'-6"	
Item			Unit	Total
Concrete Removal			Cu. Yd.	5.5
Concrete Superstructure			Cu. Yd.	6.8
Reinforcement Bars, Epoxy Coated			Pound	350



QUIGG ENGINEERING INC

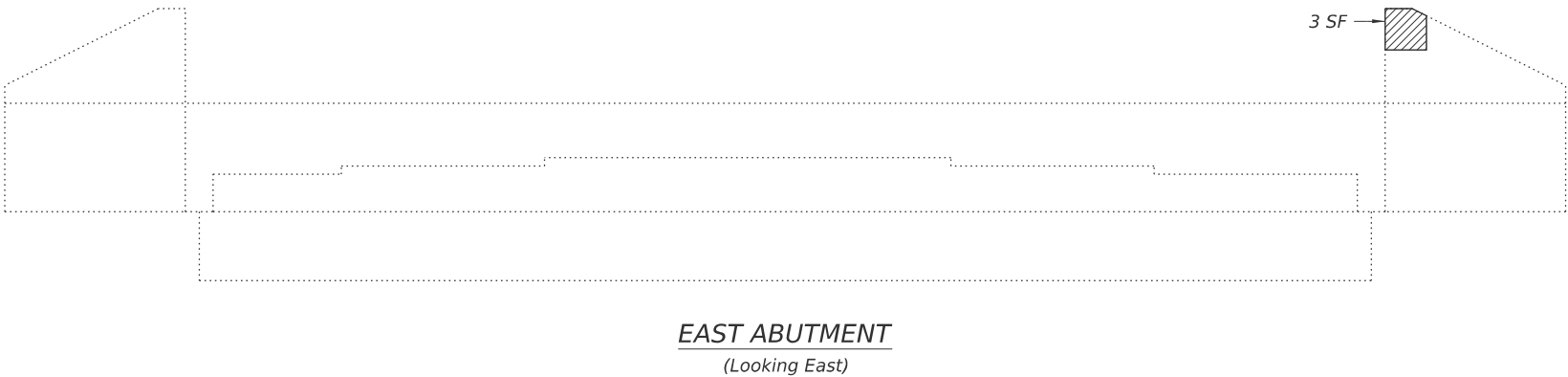
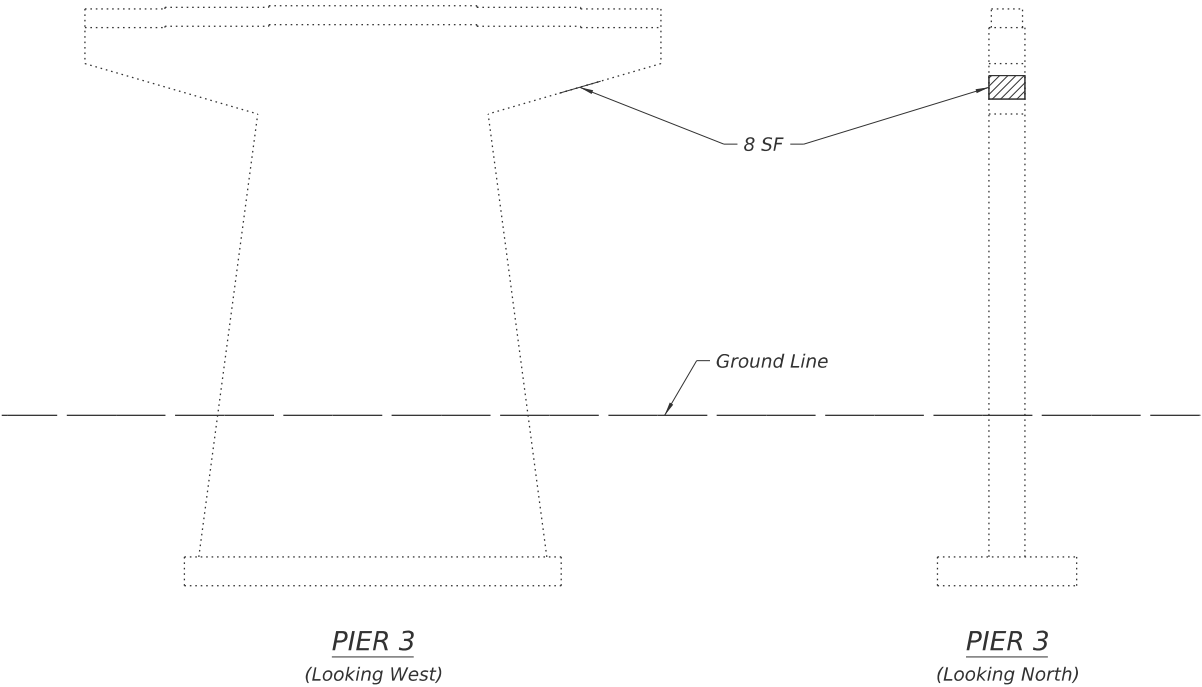
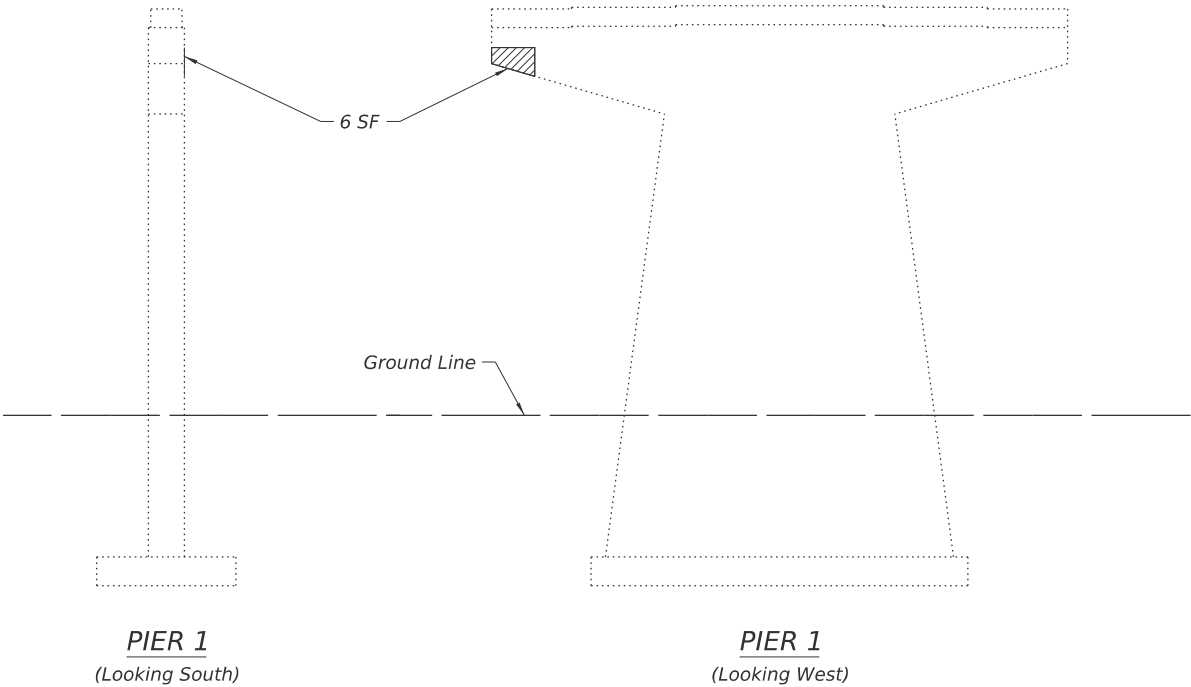
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	CHECKED - VPT	REVISED -
PLOT SCALE =	DRAWN - CFS	REVISED -
PLOT DATE = 05/01/2026	CHECKED - VPT	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXPANSION JOINT DETAILS
STRUCTURE NO. 037-0043 (E.B.) & 037-0044 (W.B.)**

SHEET SD-7 OF SD-11 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	137
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				



LEGEND

 Structural Repair of Concrete (Depth Equal to or less than 5")

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or less than 5")	Sq. Ft.	17
Concrete Sealer	Sq. Ft.	17

MODEL: 0370043-0044-64143-008-EB Sub [Sheet]
FILE NAME: \\bs01\Projects\2025\25IL\031 - PTB 216-032 D2 - Farnsworth - Var Ph HIWO #2 - I80 Repair Plans\CADD\CADD Sheets\0370043_0370044-64143-008-EB Sub.dgn



QUIGG ENGINEERING INC

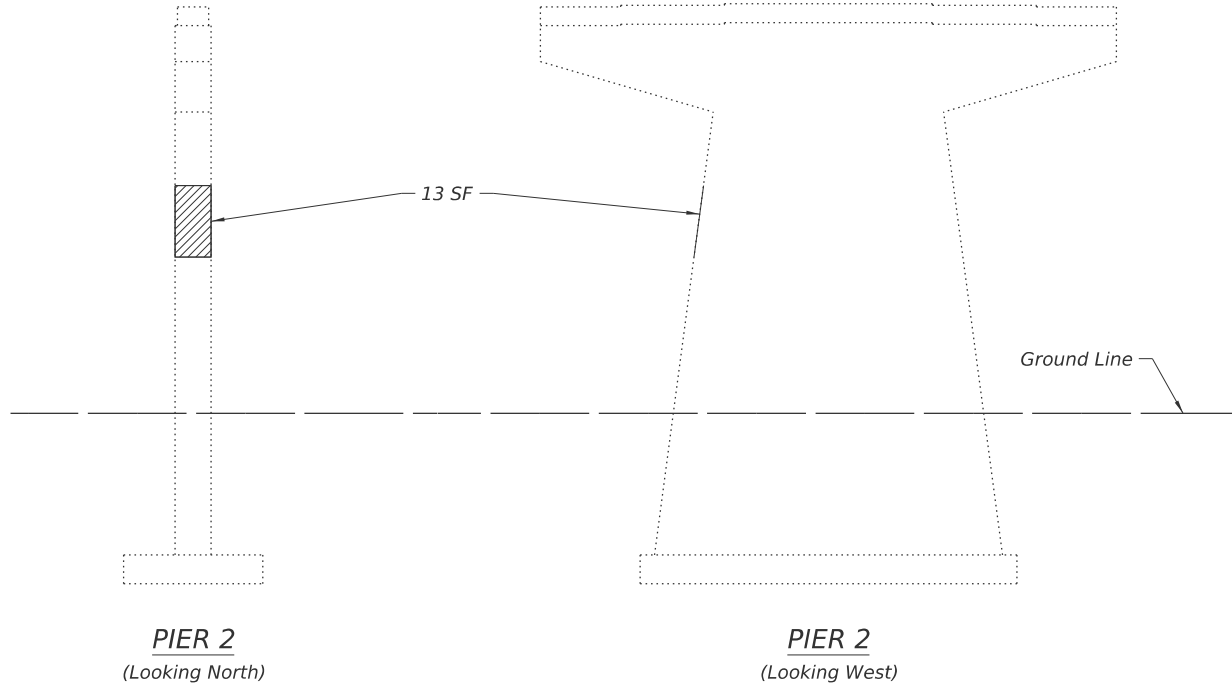
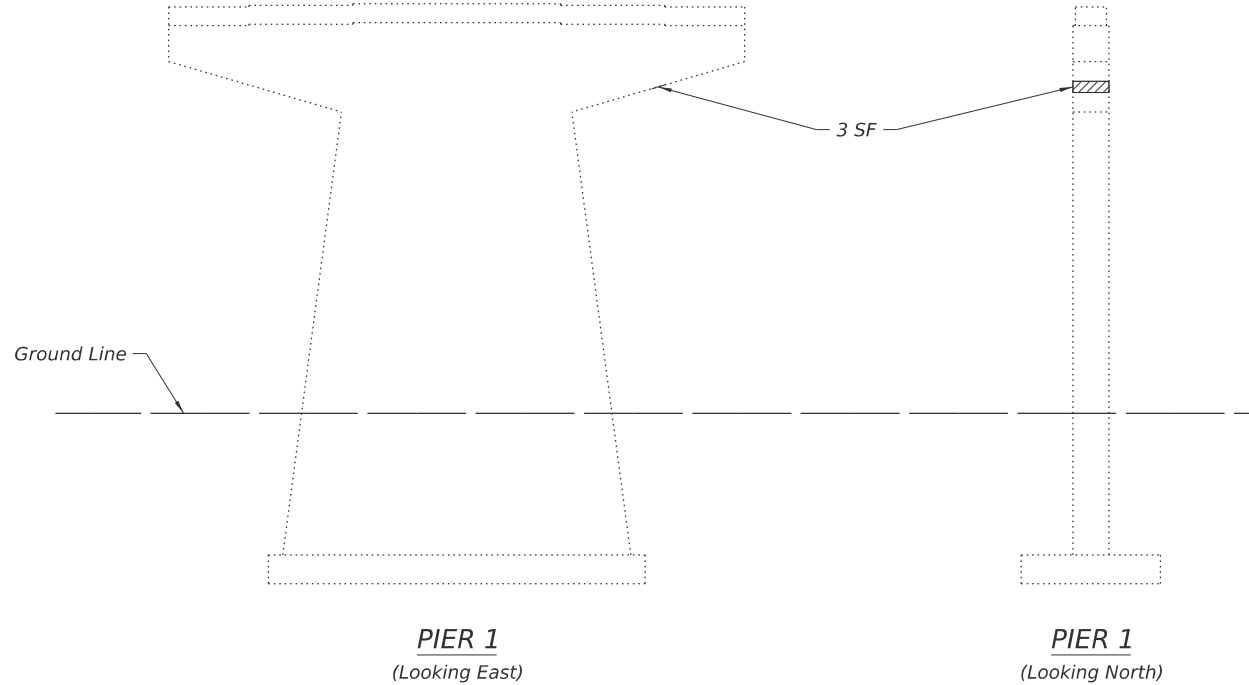
USER NAME =	DESIGNED - CFS	REVISED -
	CHECKED - VPT	REVISED -
PLOT SCALE =	DRAWN - CFS	REVISED -
PLOT DATE = 05/01/2026	CHECKED - VPT	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE REPAIRS
STRUCTURE NO. 037-0043 (E.B.)

SHEET SD-8 OF SD-11 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	138
CONTRACT NO. 64T43				
		ILLINOIS	FED. AID PROJECT	



LEGEND

 Structural Repair of Concrete (Depth Equal to or less than 5")

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or less than 5")	Sq. Ft.	16
Concrete Sealer	Sq. Ft.	16

MODEL: 0370043-0044-64143-009-WB Sub [Sheet]
FILE NAME: \bs01\Projects\2025\25IL031 - PTB 216-032 D2 - Farnsworth - Var Ph HIW0 #2 - I80 Repair Plans\CADD\CADD Sheets\0370043_0370044-64143-009-WB Sub.dgn



QUIGG ENGINEERING INC

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	CHECKED - VPT	REVISED -
PLOT SCALE =	DRAWN - CFS	REVISED -
PLOT DATE = 05/01/2026	CHECKED - VPT	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE REPAIRS
STRUCTURE NO. 037-0044 (W.B.)

SHEET SD-9 OF SD-11 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	139
CONTRACT NO. 64T43				
		ILLINOIS	FED. AID PROJECT	

5/1/2026

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MODEL: 0370043-0044-64143-010-SlopeWall [Sheet]
FILE NAME: \\bs01\Projects\2025\IL031 - PTB 216-032 D2 - Farnsworth - Var Ph II\WO #2 - I80 Repair Plans\CADD\CADD Sheets\0370043_0370044-64143-010-SlopeWall.dgn



QUIGG ENGINEERING INC

USER NAME =	DESIGNED - CFS	REVISED -
	CHECKED - VPT	REVISED -
PLOT SCALE =	DRAWN - CFS	REVISED -
PLOT DATE = 05/01/2026	CHECKED - VPT	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

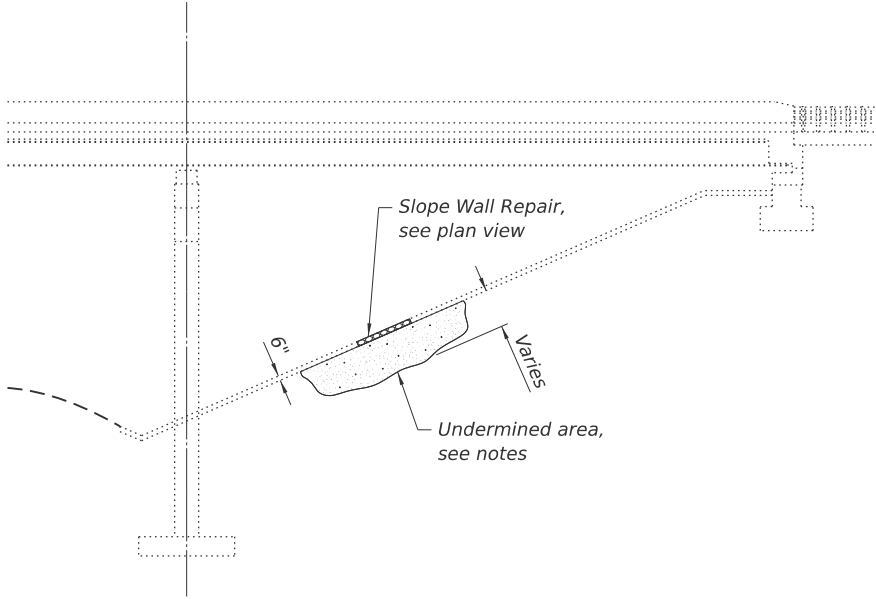
SLOPE WALL REPAIR DETAILS
STRUCTURE NO. 037-0043 (E.B.) & 037-0044 (W.B.)

SHEET SD-10 OF SD-11 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	140
CONTRACT NO. 64T43				
ILLINOIS		FED. AID PROJECT		



PARTIAL PLAN - EAST END



TYPICAL SECTION

LEGEND

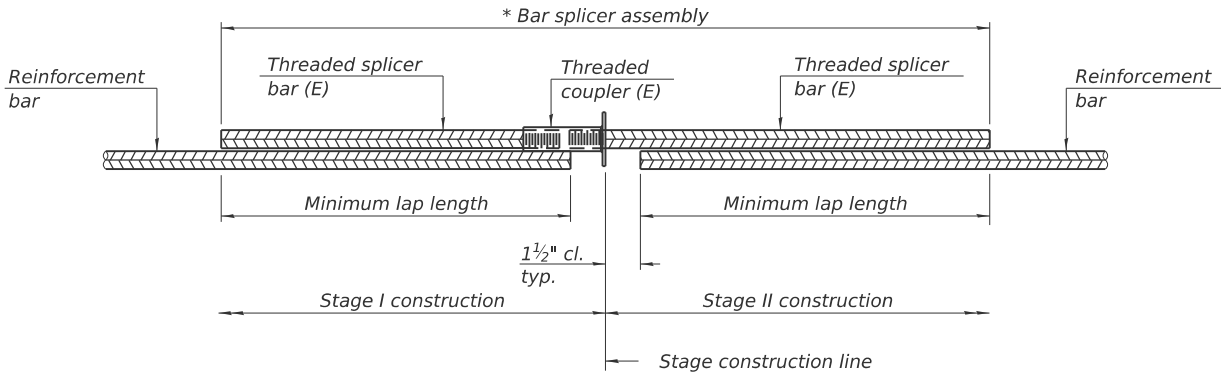
Slope Wall Repair

Notes:
All undermined areas beneath slope wall shall be filled with Slope Wall Slurry Pumping as directed by the Engineer prior to Slope Wall Repair.
Slope wall shall be reinforced with welded wire fabric. 6 in. x 6 in. - W4.0 x W4.0 weighing 58 lbs. per 100 sq. ft.
The repair areas shown are estimated and shall be verified by the Contractor and approved by the Engineer according to the special provision.
Voided areas were noted under areas that do not have a hole in the slope wall located above them. The Engineer will identify areas to be repaired using Slope Wall Slurry Pumping.

BILL OF MATERIAL

Item	Unit	Total
Slope Wall Repair	Sq. Yd.	5
Slope Wall Slurry Pumping	Cu. Yd.	12.5

MODEL: 0370043-0044-64143-011-BarSplicer (Sheet)
FILE NAME: \\bs01\Projects\2025\25IL031 - PTB 216-032 D2 - Farnsworth - Var Ph II\WO #2 - I80 Repair Plans\CADD\CADD Sheets\0370043_0370044-64143-011-BarSplicer.dgn



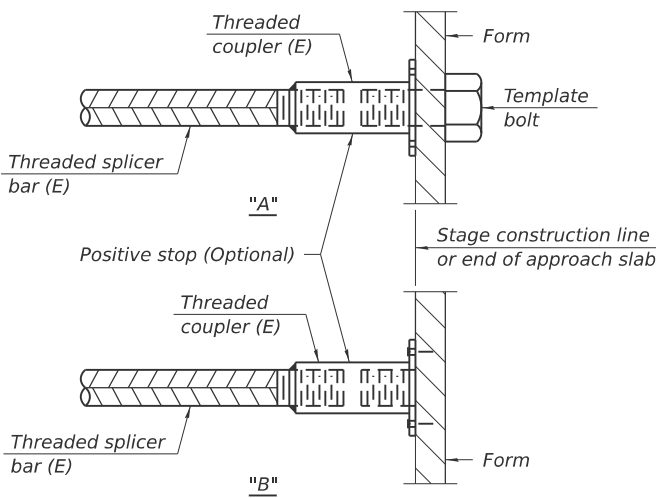
STANDARD BAR SPLICER ASSEMBLY PLAN

Only bar splicer assemblies as presented on the approved QPL list may be used.

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

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

Location	Bar size	No. assemblies required	Minimum lap length
Expansion Joint	#5	8	2'-6"

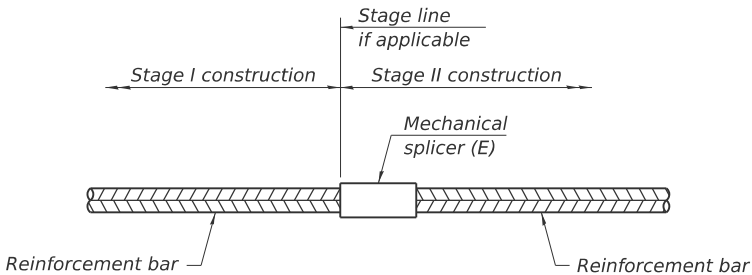


INSTALLATION AND SETTING METHODS

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

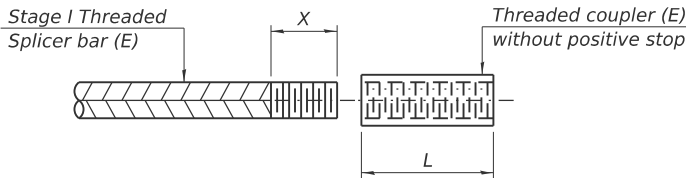
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



THREADING OF ASSEMBLIES

The threaded length "X" shall be no more than L/2. The bar should be tightened until 0-1 thread(s) is/are exposed.

Notes:

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

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

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

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

BSD-1

4-4-2025



QUIGG ENGINEERING INC

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	CHECKED - VPT	REVISED -
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PLOT DATE = 05/01/2026	CHECKED - VPT	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
STRUCTURE NO. 037-0043 (E.B.) & 037-0044 (W.B.)

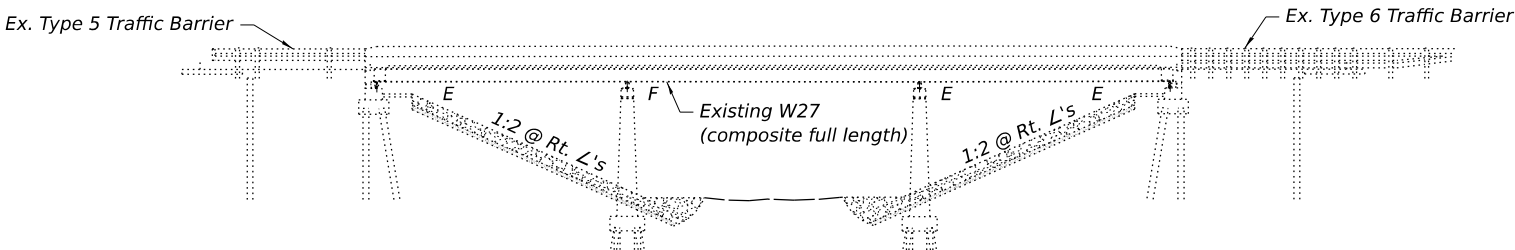
SHEET SD-11 OF SD-11 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	141
CONTRACT NO. 64T43				
		ILLINOIS	FED. AID PROJECT	

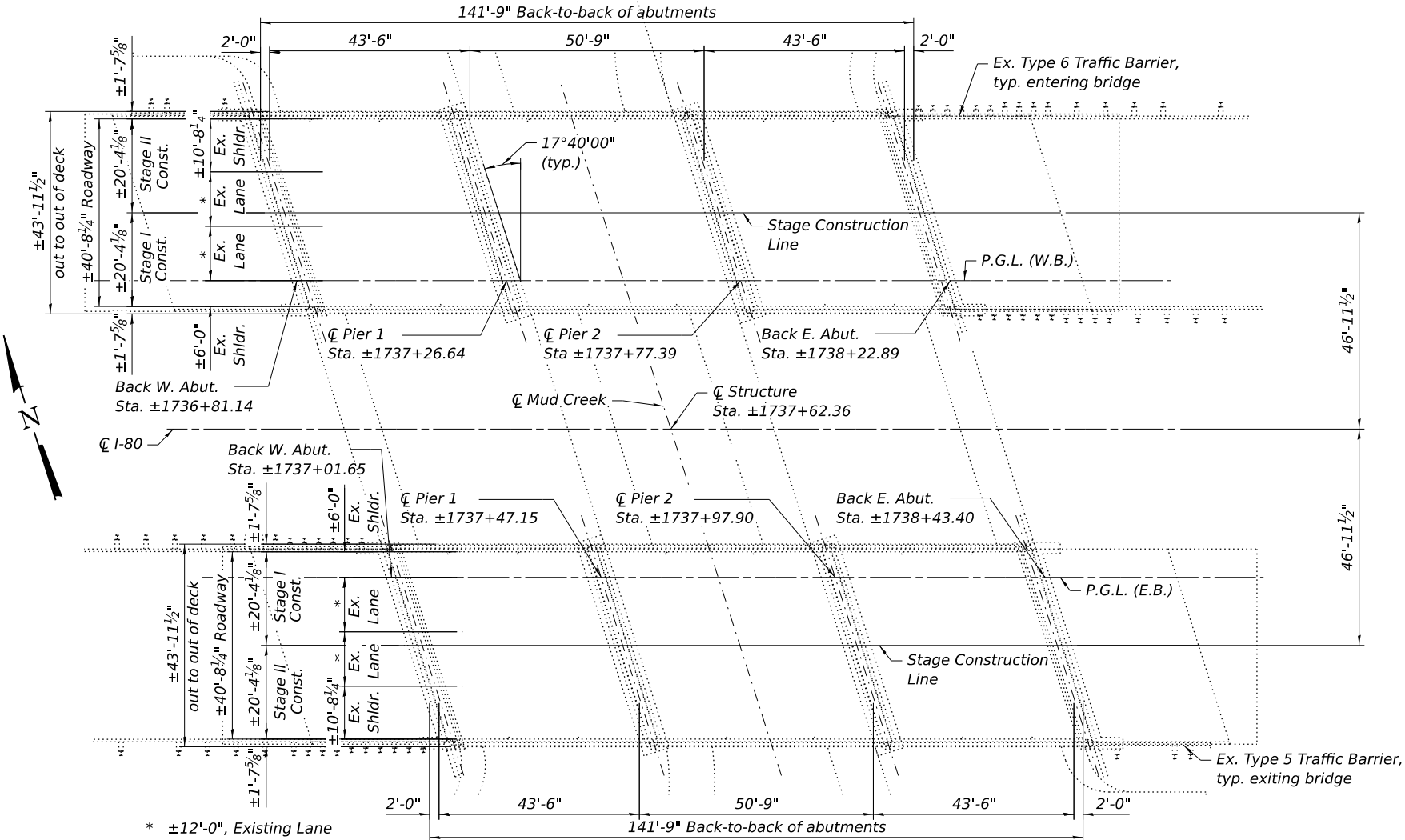
Existing Structure: SN 037-0045 and SN 037-0046 were originally constructed in 1961 under Section 37-6B as three span continuous wide-flange steel beam structures which measure 141'-9" back-to-back of abutments and 43'-11½" out-to-out of reinforced concrete deck. In 2004, the deck and approach slabs were replaced and the abutment backwalls and wing walls were replaced to retrofit as semi-integral abutments.

Traffic Control: Traffic to be maintained using staged construction.

Salvage: None.



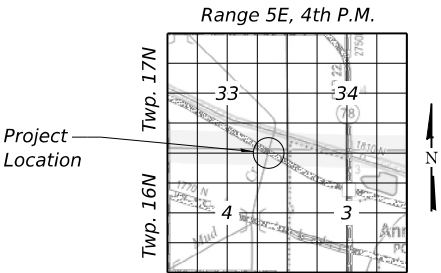
ELEVATION



PLAN

INDEX OF SHEETS

- SE-01 - General Plan & Elevation
- SE-02 - General Data
- SE-03 - Temporary Concrete Barrier
- SE-04 - Superstructure Repair Plan
- SE-05 - Superstructure Overlay Plan
- SE-06 - East Abutment Repair Plan (EB)
- SE-07 - East Abutment Repair Plan (WB)
- SE-08 - Pier 2 Repair Plan (EB)
- SE-09 - Pier 1 Repair Plan (WB)
- SE-10 - Pier 2 Repair Plan (WB)
- SE-11 - Slopewall Repair Plan



LOCATION SKETCH

LOADING HS20-44

Allow 30#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

DESIGN STRESSES

EXISTING STRUCTURE - 1961 CONSTRUCTION

- $f_c = 1,400$ psi (Super and sub)
- $vc = 75$ psi (Footings)
- $f_s = 20,000$ psi (Reinforcement)
- $f_s = 18,000$ psi (Structural Steel)

EXISTING STRUCTURE - 2004 REHAB

- $f_c = 3,500$ psi
- $f_y = 60,000$ psi (Reinforcement)
- $f_y = 36,000$ psi (Structural Steel)

GENERAL PLAN & ELEVATION

I-80 OVER MUD CREEK

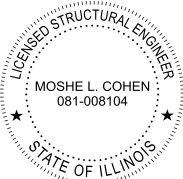
SECTION (37-(3-1,4,5,6))BRR

HENRY COUNTY

STATION ±1737+62.36

STRUCTURE NO. 037-0045 (E.B.)

STRUCTURE NO. 037-0046 (W.B.)



Moshe L. Cohen

Signed 2026-08-04
Expires 2026-11-30

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET SE-01 OF SE-11 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	142
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1.

Prior to pouring new concrete, 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.
2.

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of 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 temperature other than 50°F.
4.

All exposed concrete edges shall have a standard 3/4" chamfer unless noted otherwise.
5.

F.A.I. Rte. 80 alignment and stationing has been revised since the original bridge construction. The bridge stationing has been updated to follow a best fit of the current F.A.I. Rte. 80 alignment.

SCOPE OF WORK

To be completed under stage construction

1.

Perform Bridge Deck Scarification 3/4" on the approach slabs and decks, as detailed on Sheet SE-05 of SE-11.
2.

Clean any remaining sealer from the existing construction joints located between the approach slabs and abutments, as detailed on Sheet SE-04 of SE-11.
3.

Perform Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches) on the parapets and curbs, as detailed on Sheet SE-04 of SE-11.
4.

Apply Acrylic Coating to the top and inside vertical faces of the parapets, as detailed on this sheet in Typical Section Thru Parapet.
5.

Place Bridge Deck Latex Concrete Overlay, 2 1/2" on the approach slabs and decks, as detailed on Sheet SE-05 of SE-11.
6.

Perform 1/4" Diamond Grinding (Bridge Section) and Bridge Deck Grooving (Longitudinal) on the approach slabs and decks, as detailed on Sheet SE-05 of SE-11.
7.

Install new 1/4" x 3/4" Formed Joints with bridge relief joint sealer at the joints located between the approach slabs and abutments, as detailed on Sheet SE-04 of SE-11.
8.

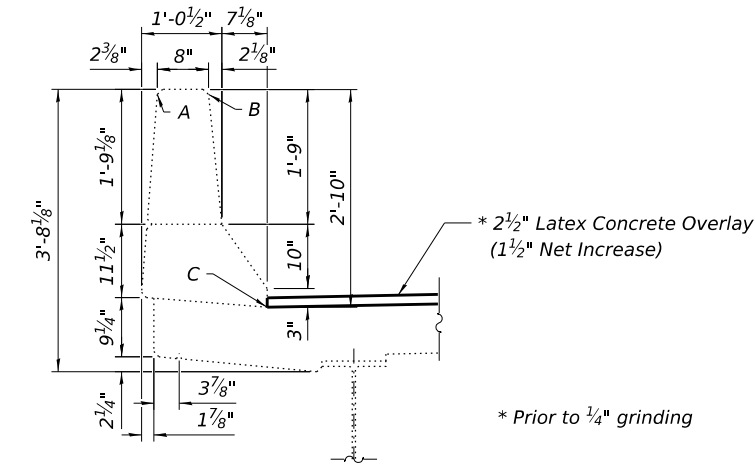
Apply Protective Coat to the concrete overlay on the approach slabs and decks.
9.

Remove and replace the existing Preformed Joint Seal between the approach slabs and adjacent connector pavement, as detailed on Sheet SE-04 of SE-11.
10.

Perform the Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches) and Epoxy Crack Injection on the abutments and piers, as detailed on Sheets SE-06 through SE-10 of SE-11.
11.

Perform the slope wall repairs adjacent to the abutments of both bridges, and fill the voids with riprap, as detailed on Sheet SE-11 of SE-11
12.

Construct Floor Drain Extensions, as detailed on Sheet SE-04 of SE-11.



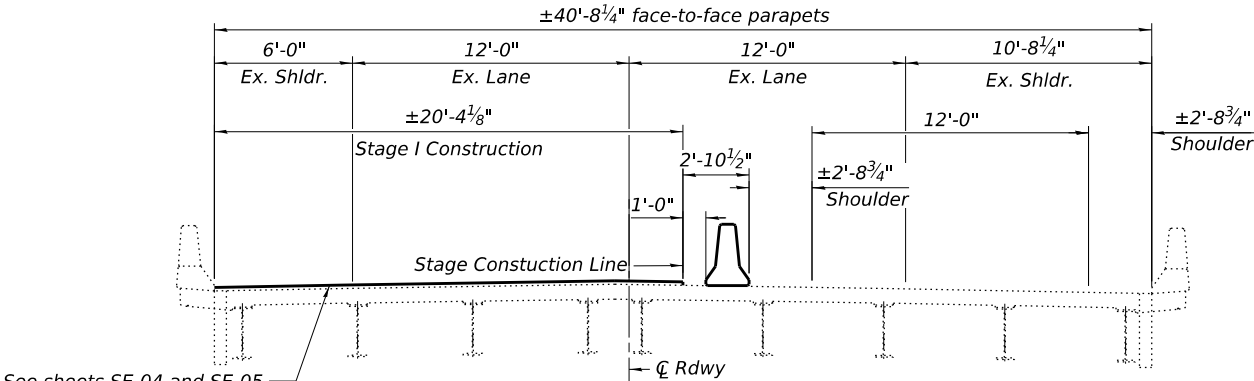
TYPICAL SECTION THRU PARAPET

Acrylic Coating to cover from point A through points B & C of the existing & new portions of the bridge parapet.

Following application of the Acrylic Coating, the Contractor shall reapply the stenciled structure number on the parapet in black paint with 2" numbers with the same format XXX-XXXX for each respective structure. This work shall be considered included in the cost of Acrylic Coating.

TOTAL BILL OF MATERIAL

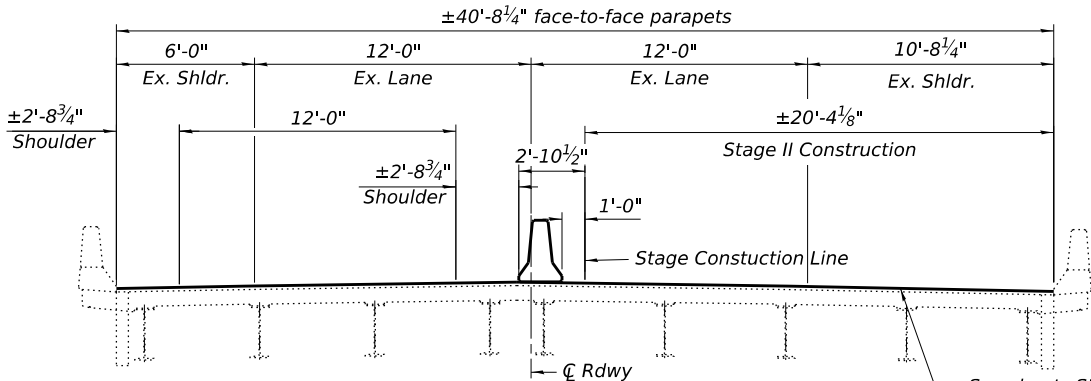
ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A5	Sq. Yd.		25	25
Protective Coat	Sq. Yd.	1,832		1,832
Bridge Deck Scarification 3/4"	Sq. Yd.	1,832		1,832
Bridge Deck Concrete Overlay, 2 1/2"	Sq. Yd.	1,832		1,832
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	115	46	161
Epoxy Crack Injection	Foot		8	8
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	1,052		1,052
Floor Drain Extension	Each	24		24
Acrylic Coating	Sq. Yd.	233		233
Slope Wall Breaking	Sq. Yd.		25	25
Diamond Grinding (Bridge Section)	Sq. Yd.	1,653		1,653



See sheets SE-04 and SE-05 of SE-11 for deck overlay and repair details.

STAGE 1 - TYPICAL SECTION

(EB Bridge Looking East Shown
WB Bridge Looking West opposite hand)



See sheets SE-04 and SE-05 of SE-11 for deck overlay and repair details.

STAGE 2 - TYPICAL SECTION

(EB Bridge Looking East Shown
WB Bridge Looking West opposite hand)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

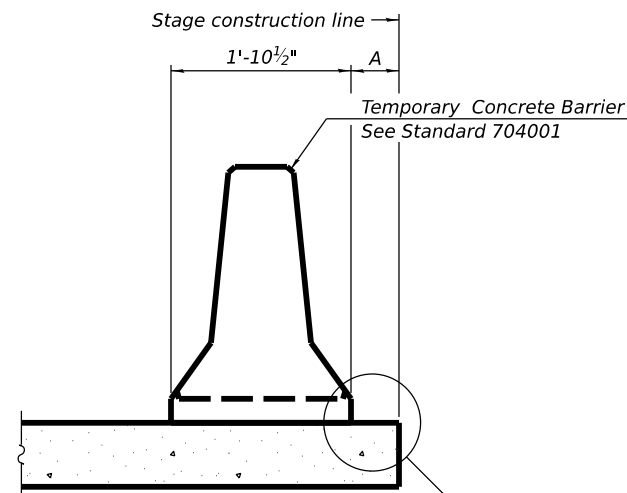
GENERAL DATA
STRUCTURE NO. 037-0045 (EB) & 037-0046 (WB)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	143
CONTRACT NO. 64T43				

SHEET SE-02 OF SE-11 SHEETS

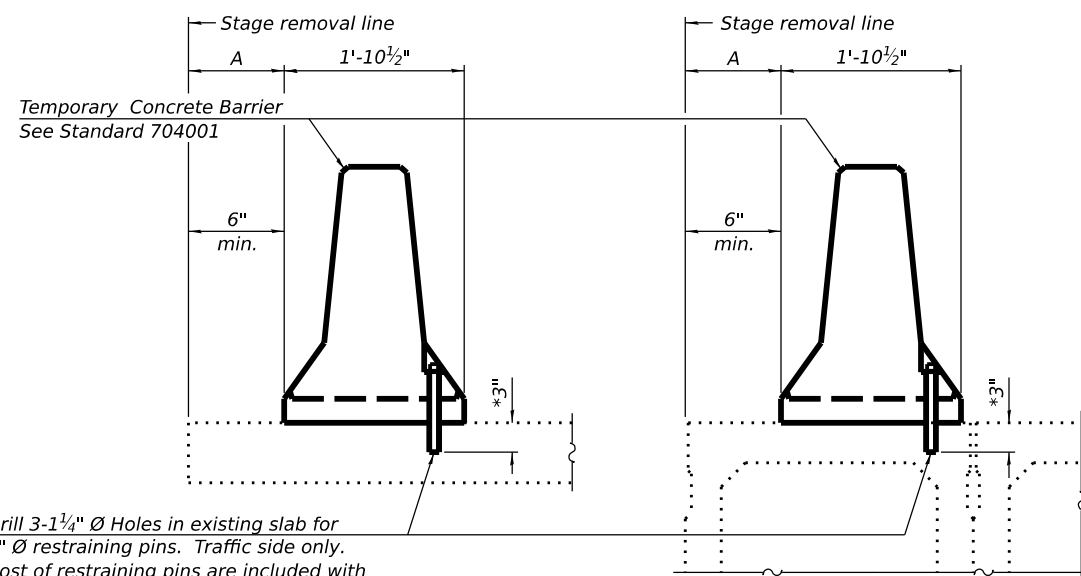
ILLINOIS FED. AID PROJECT

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



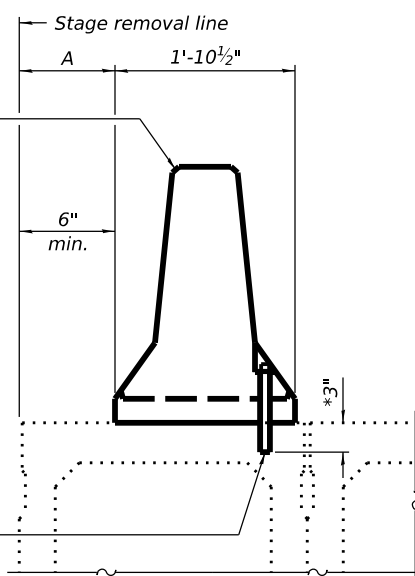
When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

NEW SLAB OR NEW DECK BEAM



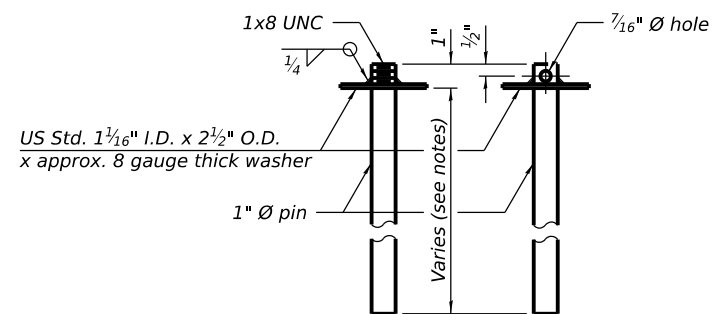
Drill 3-1 $\frac{1}{4}$ " Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

EXISTING SLAB



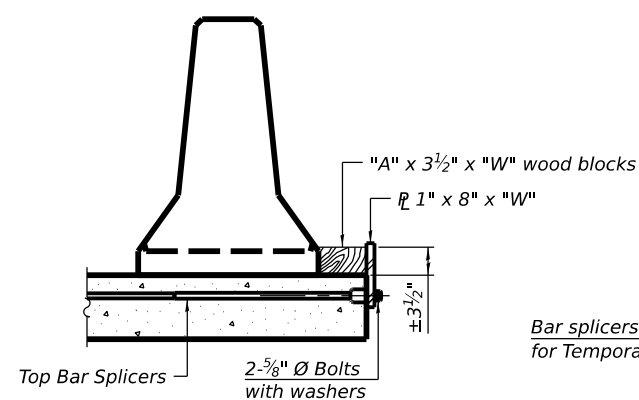
* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

EXISTING DECK BEAM

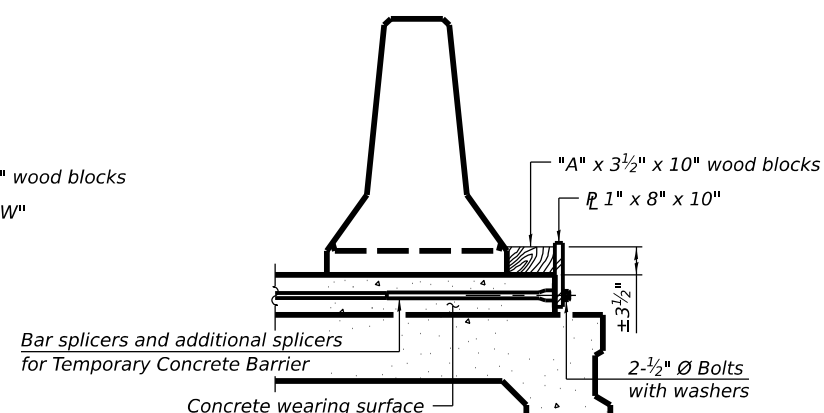


RESTRAINING PIN

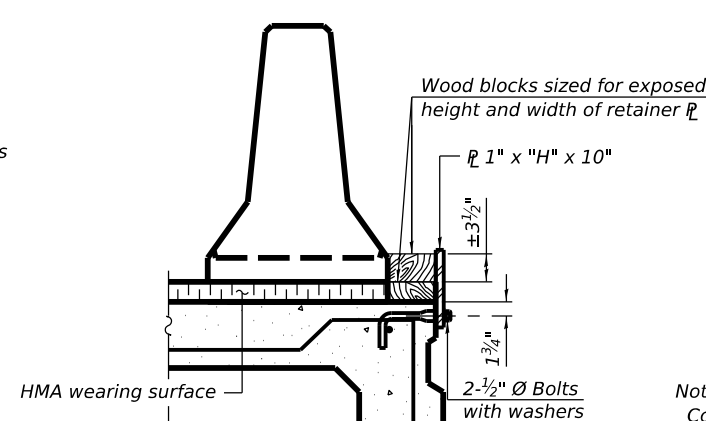
SECTIONS THRU SLAB OR DECK BEAM



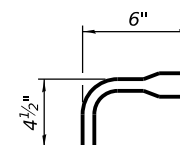
DETAIL I



DETAIL II



DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III

Notes:

Cost of retainer assembly is included with Temporary Concrete Barrier.
A retainer assembly shall be located at the approximate C of each temporary concrete barrier.

The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.

When the 'A' dimension is less than 1½", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.

Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.

Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

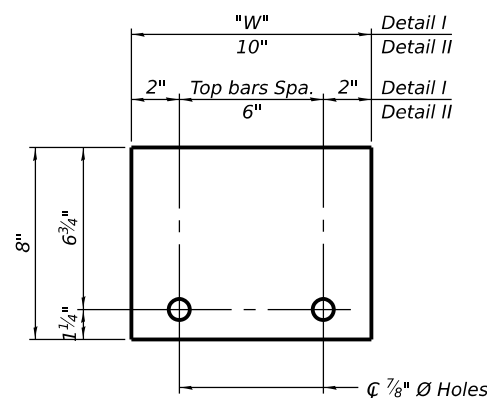
RAILING CRITERIA

NCHRP 350 Test Level	3
Railing Weight (plf)	440

R-27

5-15-2023

STEEL RETAINER @ 1" x 8" x "W"



Technical drawing of a rectangular plate with the following dimensions and specifications:

- Overall width: 10"
- Overall height: 11H"
- Horizontal spacing from left edge to first hole center: 2"
- Distance between hole centers: 6"
- Horizontal spacing from second hole center to right edge: 2"
- Vertical spacing from bottom edge to hole center line: 1 1/4"
- Vertical spacing from hole center line to top edge: 5 3/4" + WS
- Hole specification: 6 7/8" Ø Holes

STEEL RETAINER PL 1" x "H" x 10"

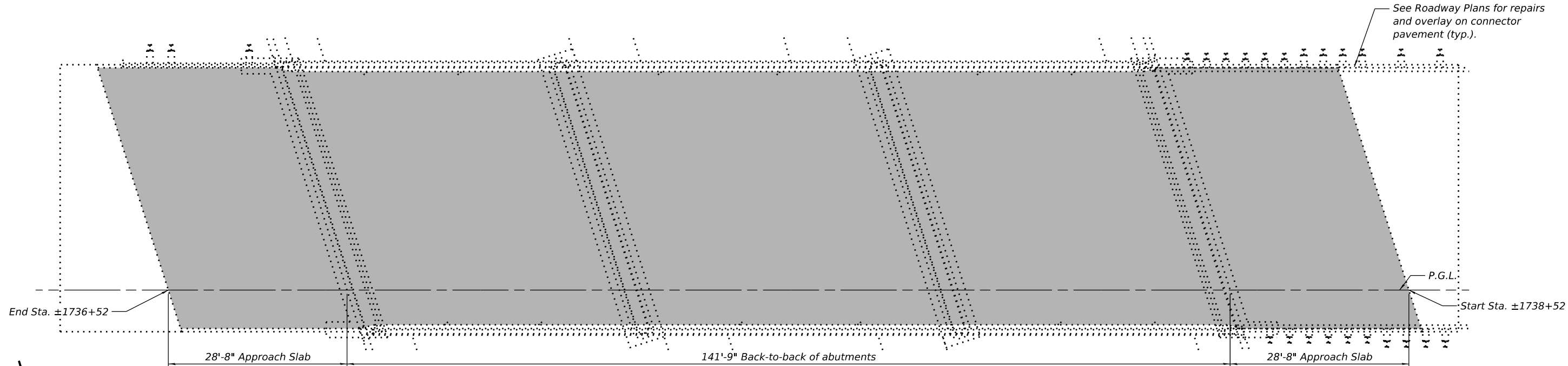
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CONCRETE BARRIER
STRUCTURE NO. 037-0045 (EB) & 037-0046 (WB)**

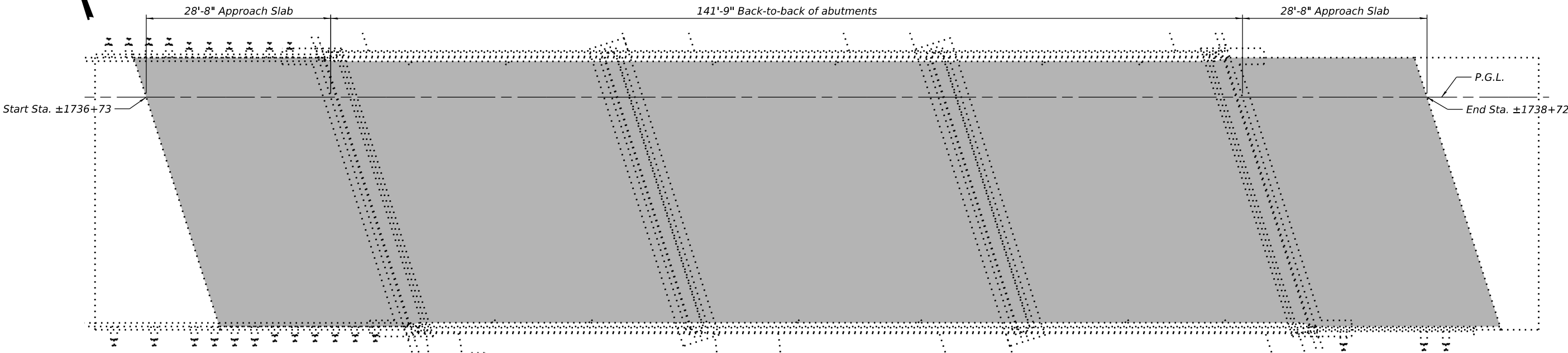
SHEET SE-03 OF SE-11 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6))BRR	HENRY	169	144
		CONTRACT NO. 64T43		
ILLINOIS		FED. AID PROJECT		

MODEL: 001-GPE
FILE NAME: pww\lansworthgroup-pw-bentley.com\lans-w-01\Documents\2025\02501902.003 - IDOT D2-PTB 216-032 WO 304_Drawings\IGN\Design\0370045-0046\0370045 46-D264T43-005-Super Overlay Plan.dgn



SUPERSTRUCTURE OVERLAY PLAN - SN 037-0046 (W.B.)



SUPERSTRUCTURE OVERLAY PLAN - SN 037-0045 (E.B.)

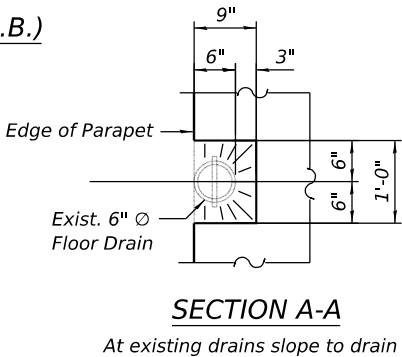
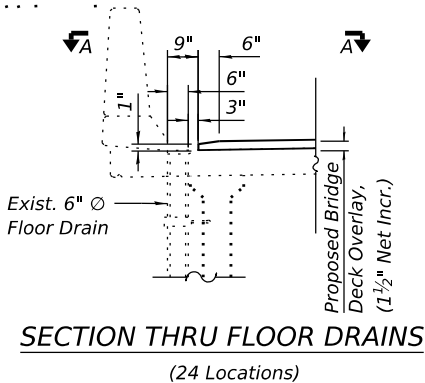
LEGEND

- Bridge Deck Scarification $\frac{3}{4}$ "; Bridge Deck Latex Concrete Overlay, $2\frac{1}{2}$ "; $\frac{1}{4}$ " Diamond Grinding (Bridge Section); Bridge Deck Grooving (Longitudinal); Protective Coat

Notes:

All Floor Drains must be protected during concrete scarification and concrete overlay placement.

Use of hand tools is required while working around Floor Drains. The cost is included in the Bridge Deck Latex Concrete Overlay, $2\frac{1}{2}$ " pay item.



BILL OF MATERIAL

Item	Unit	Total
Protective Coat	Sq. Yd.	1,832
Bridge Deck Scarification 3/4"	Sq. Yd.	1,832
Bridge Deck Latex Concrete Overlay, 2 1/2"	Sq. Yd.	1,832
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	115
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	1,052
Floor Drain Extension	Each	24
Diamond Grinding (Bridge Section)	Sq. Yd.	1,653

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www.kaskaskiaeng.com

Professional Engineer
No. 012-0000000
20-5800556

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

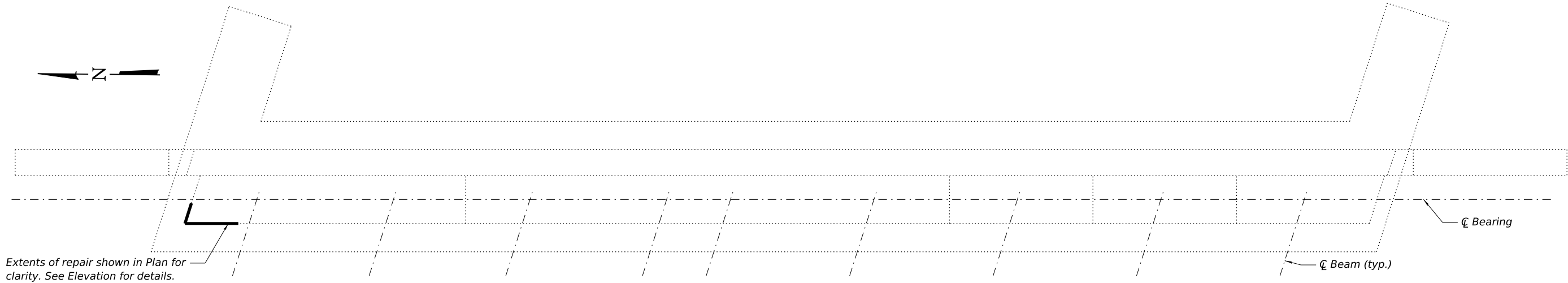
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE OVERLAY PLAN
STRUCTURE NO. 037-0045 (EB) & 037-0046 (WB)

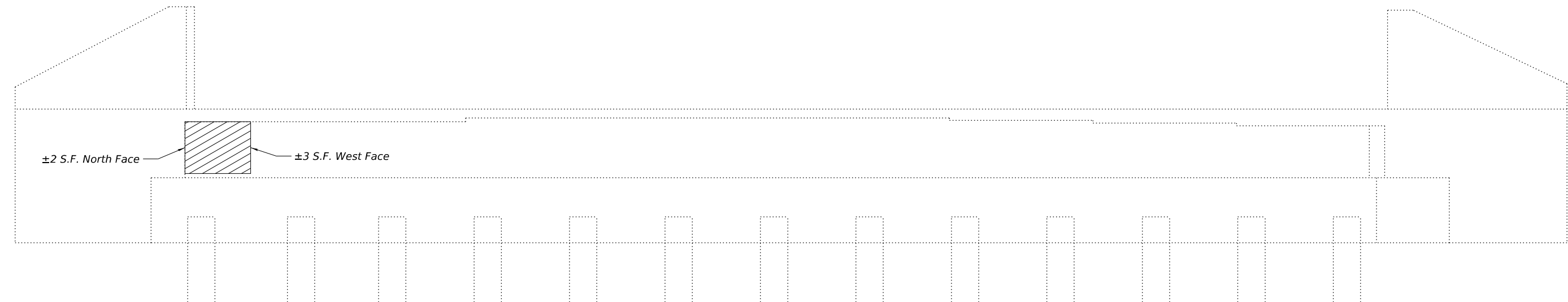
SHEET SE-05 OF SE-11 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

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PLAN



ELEVATION

LEGEND

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

Notes:
Quantities for Structural Repair of Concrete and Epoxy Crack Injection for the substructure repairs are estimated. Areas to be repaired shall be determined in the field by the Engineer at the time of construction and noted in the As-Built plans.
There are no repairs noted for the EB Bridge, West Abutment.

BILL OF MATERIAL

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



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USER NAME =

PLOT SCALE =

PLOT DATE =

DESIGNED - MTH	REVISED -
CHECKED - MLC	REVISED -
DRAWN - MTH	REVISED -
CHECKED - MLC	REVISED -

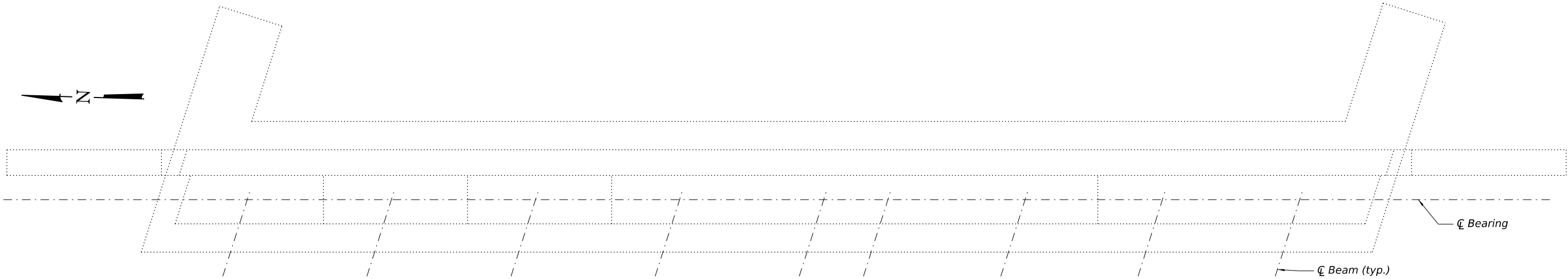
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST ABUTMENT REPAIR PLAN (EB)
STRUCTURE NO. 037-0045 (EB)

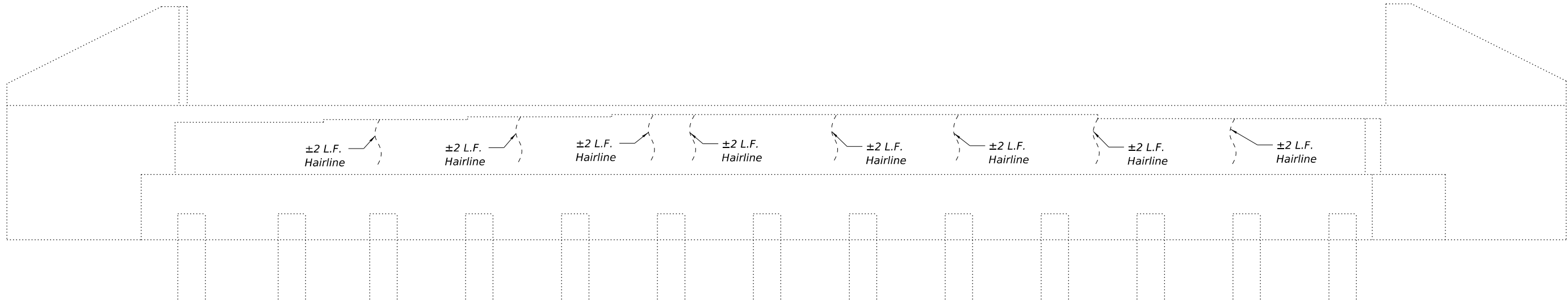
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

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PLAN



ELEVATION

Notes:
Quantities for Structural Repair of Concrete and Epoxy Crack Injection for the substructure repairs are estimated. Areas to be repaired shall be determined in the field by the Engineer at the time of construction and noted in the As-Built plans.
There are no repairs noted for WB Bridge, West Abutment.



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USER NAME =

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PLOT DATE =

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REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

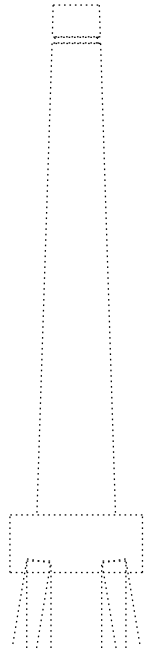
EAST ABUTMENT REPAIR PLAN (WB)
STRUCTURE NO. 037-0046 (WB)

SHEET SE-07 OF SE-11 SHEETS

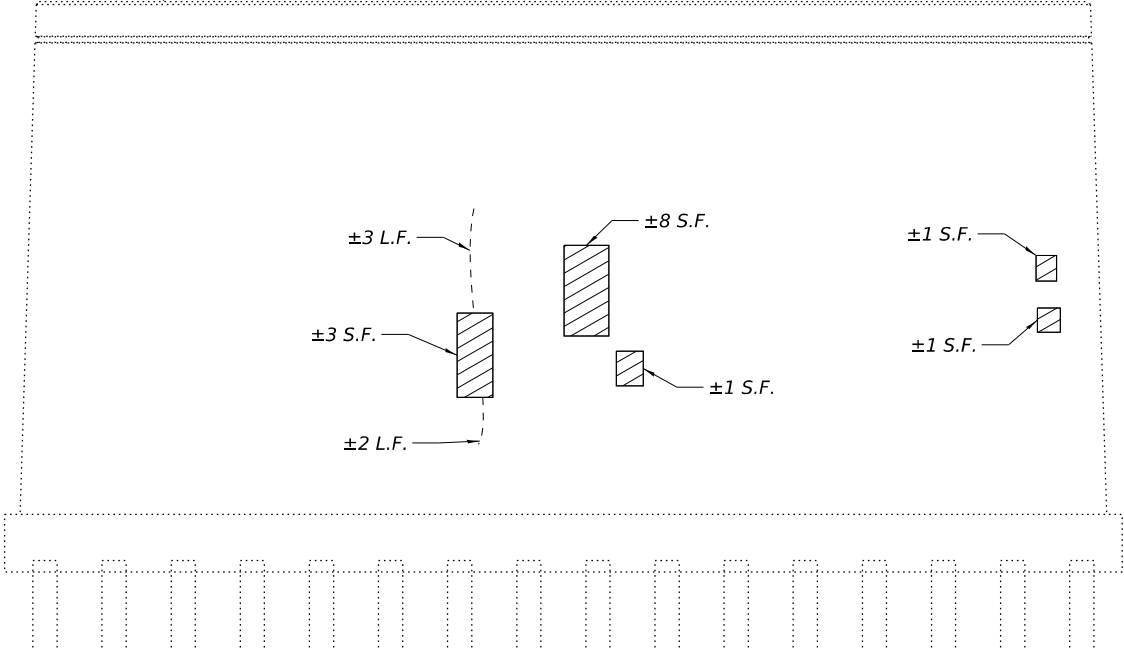
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64T43				
		ILLINOIS	FED. AID PROJECT	

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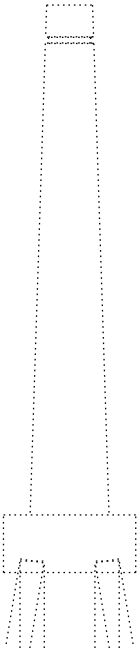
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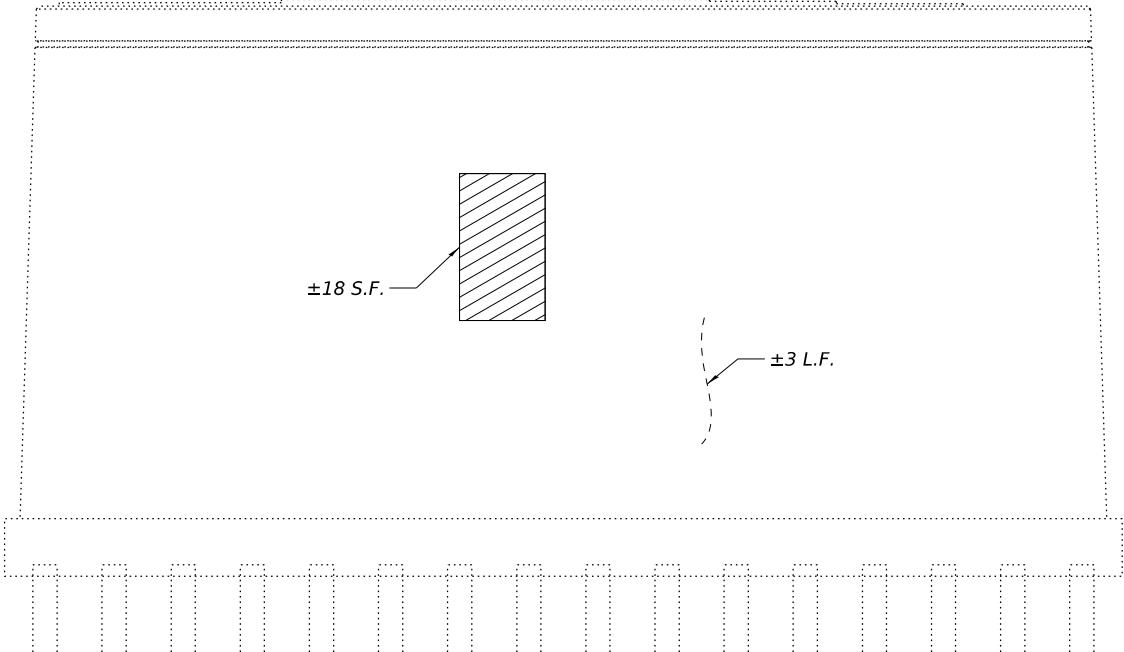
NORTH FACE



EAST FACE



SOUTH FACE



WEST FACE

LEGEND

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

Note:
Quantities for Structural Repair of Concrete and Epoxy Crack Injection for the substructure repairs are estimated. Areas to be repaired shall be determined in the field by the Engineer at the time of construction and noted in the As-Built plans.
There are no repairs noted for EB Bridge, Pier 1

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	32
Epoxy Crack Injection	Foot	8



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ILLINOIS NO. 042-002353
04/08/2015
20-080056

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

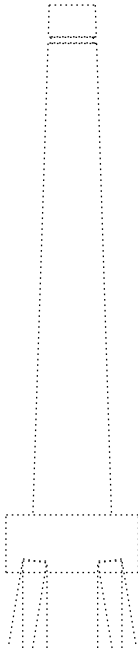
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 2 REPAIR PLAN (EB)
STRUCTURE NO. 037-0045 (EB)

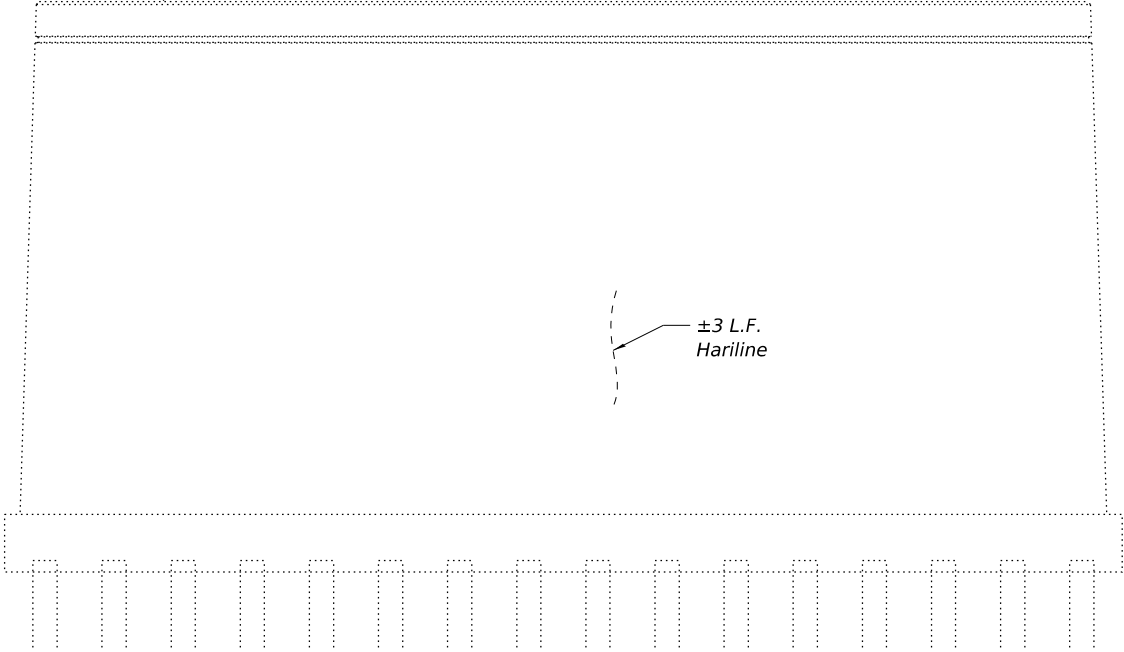
SHEET SE-08 OF SE-11 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

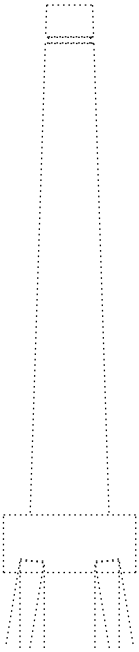
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NORTH FACE



EAST FACE



SOUTH FACE



WEST FACE

LEGEND

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

Note:
Quantities for Structural Repair of Concrete and Epoxy Crack Injection for the substructure repairs are estimated. Areas to be repaired shall be determined in the field by the Engineer at the time of construction and noted in the As-Built plans.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	4



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PLOT SCALE =

PLOT DATE =

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REVISED -

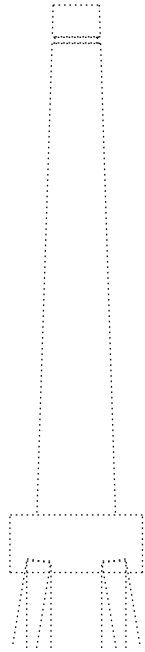
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 1 REPAIR PLAN (WB)
STRUCTURE NO. 037-0046 (WB)

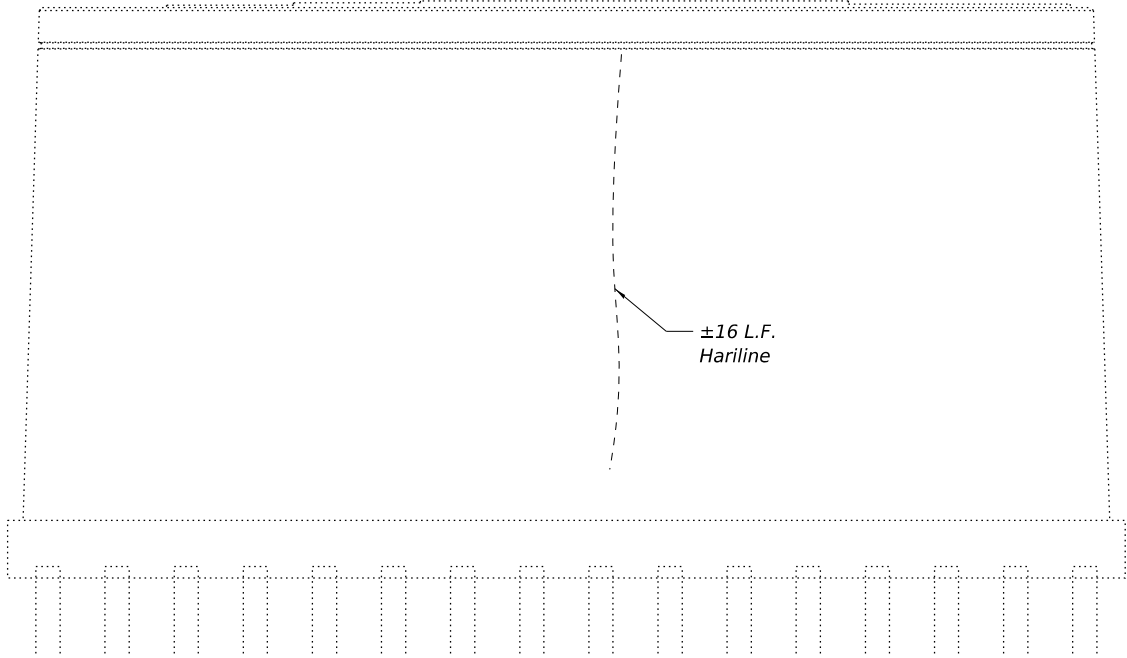
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 64T43		
		ILLINOIS	FED. AID PROJECT	

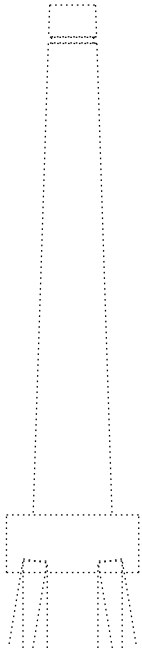
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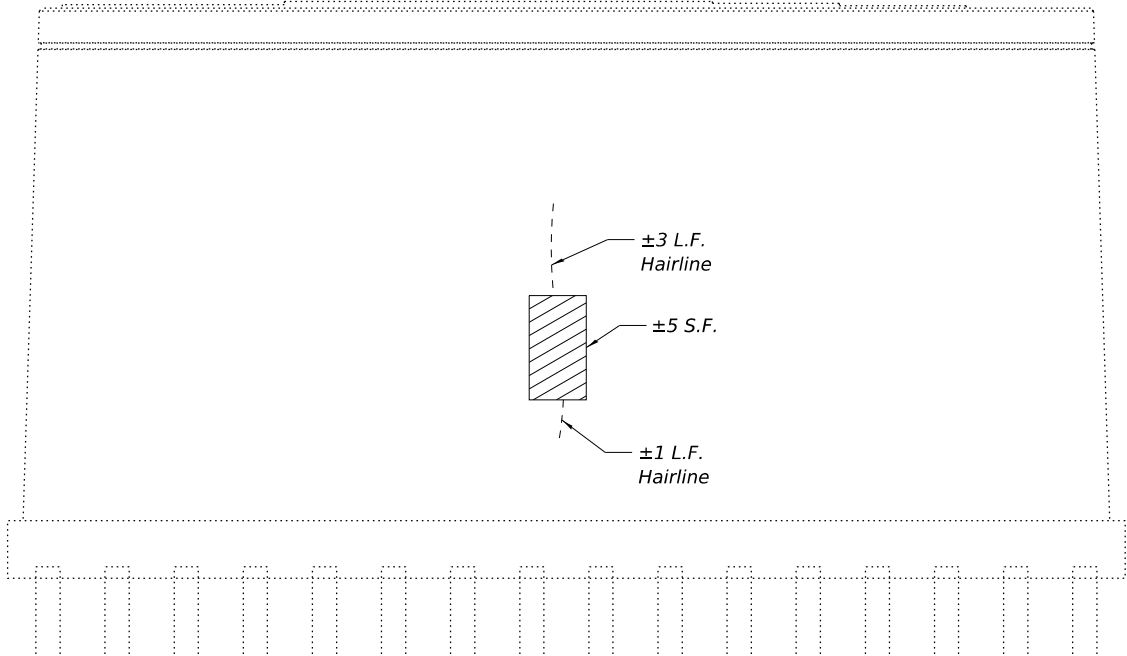
NORTH FACE



EAST FACE



SOUTH FACE



WEST FACE

LEGEND

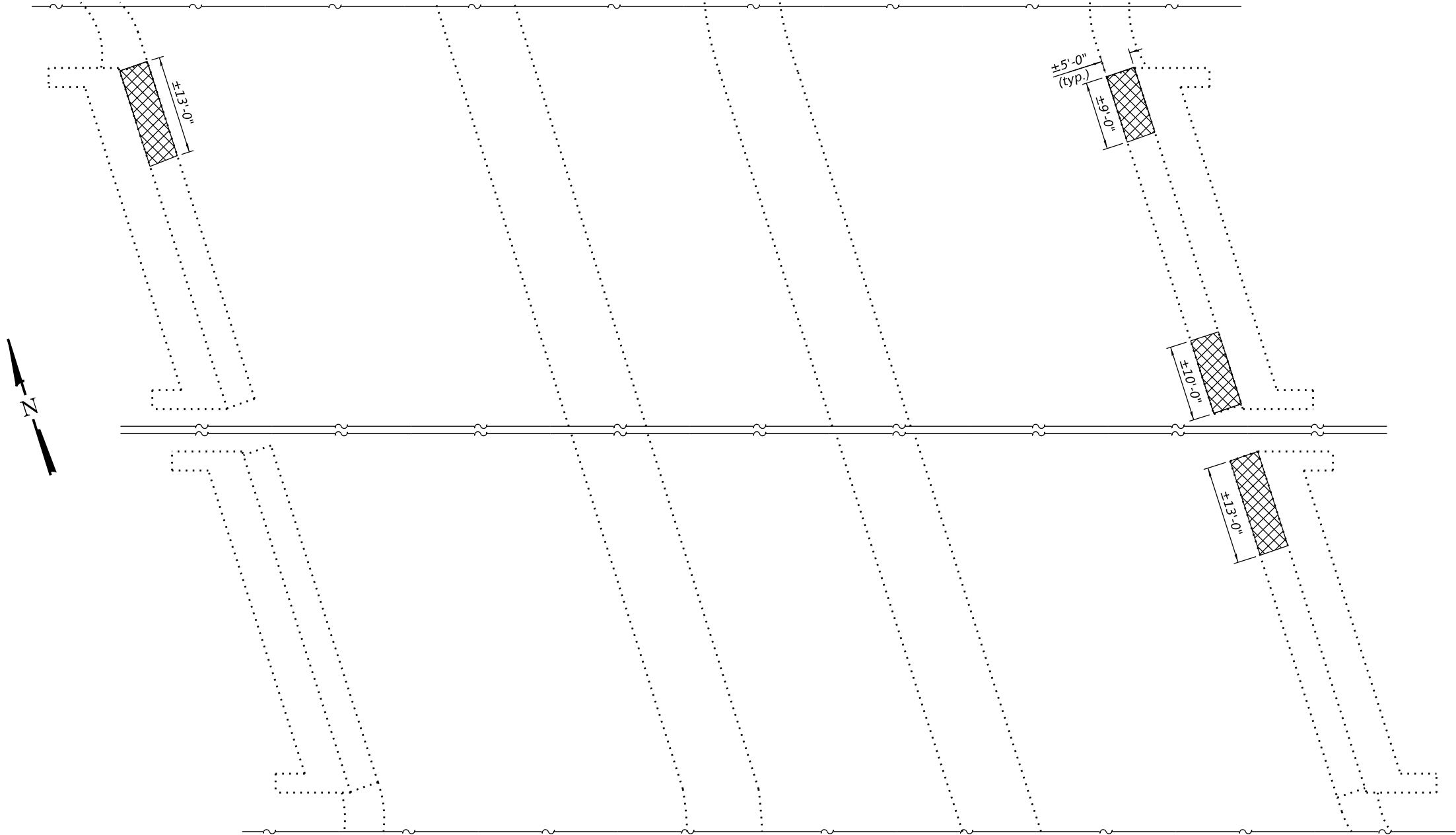
 - Structural Repair of Concrete
(Depth Equal to or Less Than 5 Inches)

Note:
Quantities for Structural Repair of Concrete and Epoxy Crack Injection for the substructure repairs are estimated. Areas to be repaired shall be determined in the field by the Engineer at the time of construction and noted in the As-Built plans.

BILL OF MATERIAL

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

MODEL: 001-GPE
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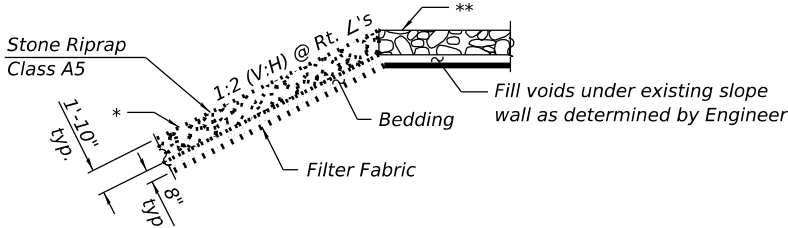


SLOPEWALL REPAIR PLAN

LEGEND

 - Slope Wall Breaking and Replacement with Stone Riprap, Class A5

Note:
Slope Wall Breaking and Stone Riprap, Class A5 quantities are from field observations. Final quantities shall be determined in the field by the Engineer.
Cost of Bedding and Filter Fabric shall be included in the cost of Stone Riprap, Class A5.



SECTION THRU SLOPEWALL

* Place riprap along slope where designated
** Remove and replace concrete slope wall with riprap where designated

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Slope Wall Breaking	Sq. Yd.	25
Stone Riprap, Class A5	Sq. Yd.	25



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10/20/2025
20-5800558

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SLOPEWALL REPAIR PLAN
STRUCTURE NO. 037-0045 (EB) & 037-0046 (WB)

SHEET SE-11 OF SE-11 SHEETS

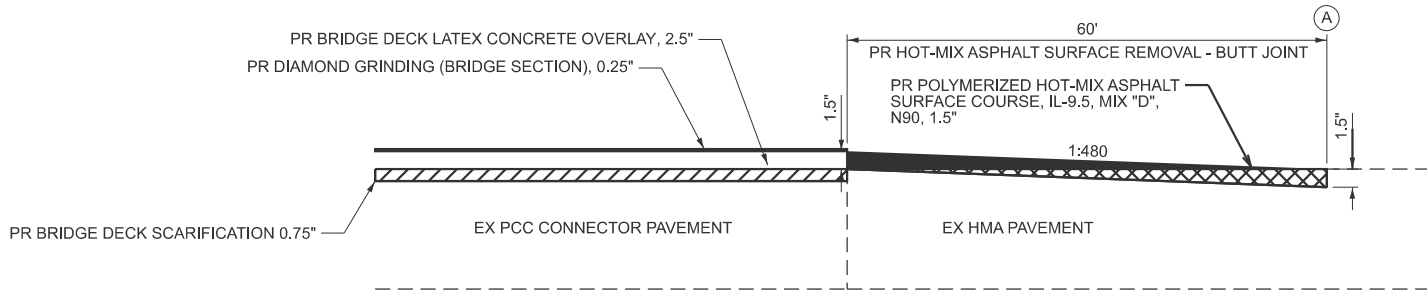
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CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

(A) EASTBOUND

1041+77.00 (SN 037-0035 E.B.)
1046+19.00 (SN 037-0035 E.B.)

(A) WESTBOUND

1040+77.00 (SN 037-0036 W.B.)
1045+19.00 (SN 037-0036 W.B.)



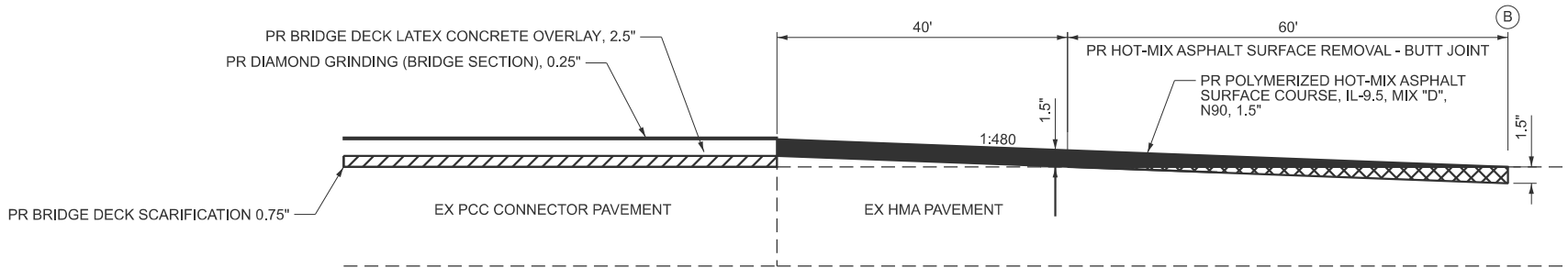
BUTT-JOINT DETAIL
SN 037-0035 (E.B.)
SN 037-0036 (W.B.)

(B) EASTBOUND

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1257+60.00 (SN 037-0039 E.B.)
1608+71.00 (SN 037-0043 E.B.)
1614+50.00 (SN 037-0043 E.B.)
1752+27.00 (SN 037-0045 E.B.)
1756+63.00 (SN 037-0045 E.B.)

(B) WESTBOUND

1253+36.00 (SN 037-0040 W.B.)
1257+61.00 (SN 037-0040 W.B.)
1608+25.00 (SN 037-0044 W.B.)
1614+03.00 (SN 037-0044 W.B.)
1751+95.00 (SN 037-0046 W.B.)
1756+38.00 (SN 037-0046 W.B.)



BUTT-JOINT DETAIL
SN 037-0039 (E.B.)
SN 037-0040 (W.B.)
SN 037-0043 (E.B.)
SN 037-0044 (W.B.)
SN 037-0045 (E.B.)
SN 037-0046 (W.B.)

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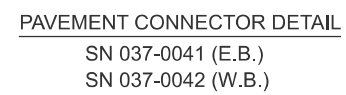
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

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

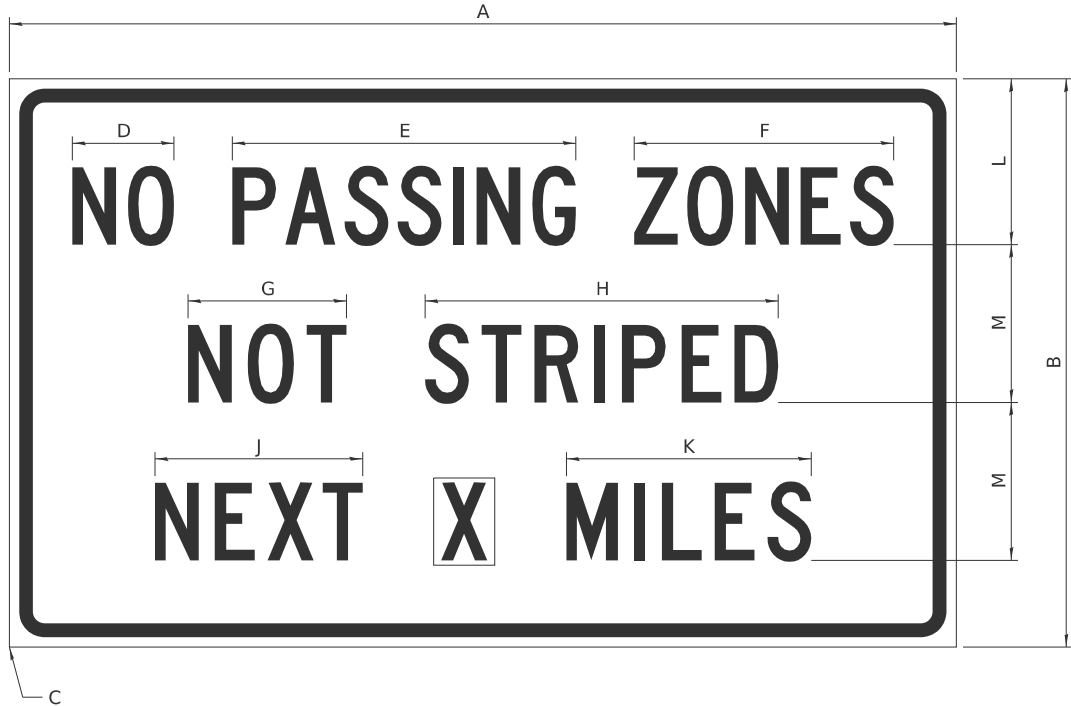
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80	(37-(3-1,4,5,6)) BRR	HENRY	169	153
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

① WESTBOUND
1315+68.15 (SN 037-0042 W.B.)
1319+75.15 (SN 037-0042 W.B.)



WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100(FO)



COLOR	LEGEND AND BORDER BACKGROUND				BLACK ORANGE	NON-REFLECTORIZED REFLECTORIZED						
SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
60 x 36	60.00	36.00	2.25	6.4	21.80	16.40	10.00	22.40	13.20	15.50	10.50	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
60 x 36	5C	5C	5C	0.625	0.875

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

ILLINOIS STANDARD W8-I107



COLOR	LEGEND AND BORDER BACKGROUND				BLACK ORANGE	NON-REFLECTORIZED REFLECTORIZED			
SIGN SIZE	DIMENSIONS								
	A	B	C	D	E	F	G	H	J
48 x 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00

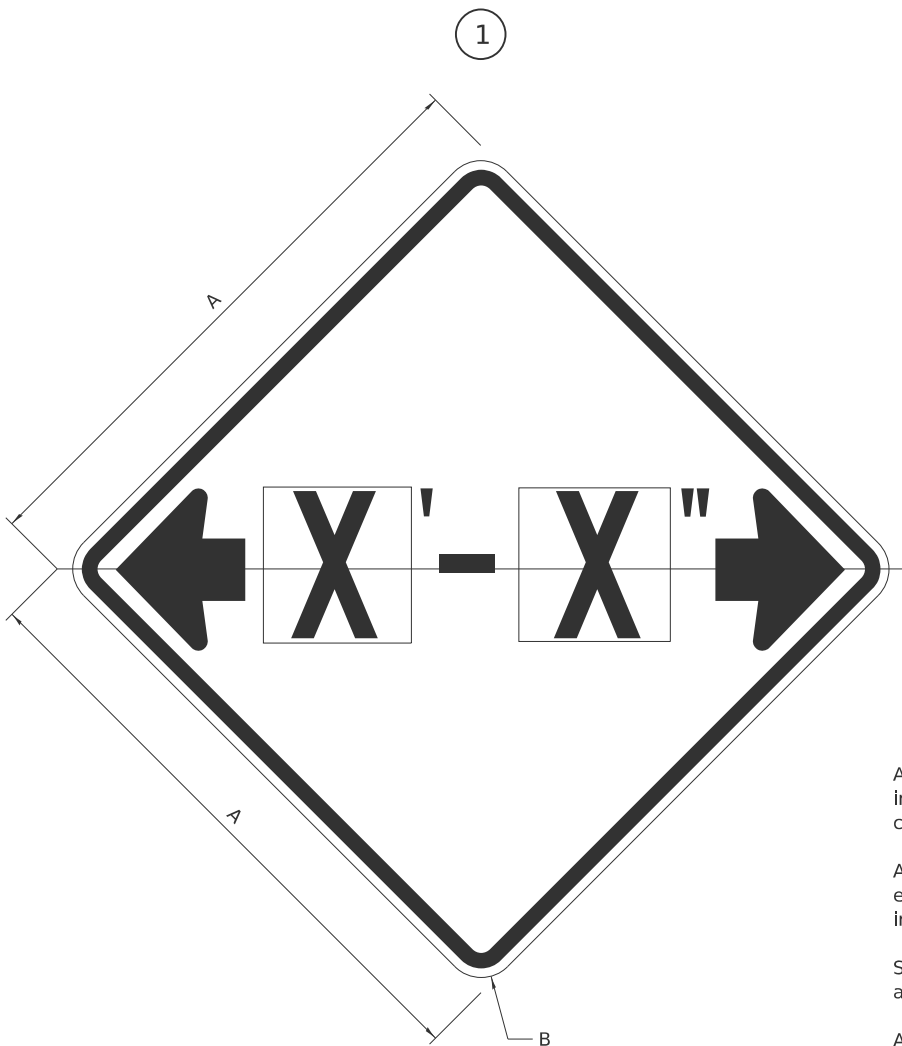
SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
48 x 48	7C	7C	7C	1.250	0.750

Sign not to scale

 BLOOM COMPANIES, LLC Infrastructure. Innovation and Integrity 150 N. Western Drive, Suite 1200 • Chicago, IL 60608 Phone: (312) 870-4900 Fax: (312) 870-9600	USER NAME = cmercado	DESIGNED -	REVISED - 5-22-25	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALE\$	DRAWN -	REVISED - 3-02-16							80	(37-(3-1,4,5,6)) BRR	HENRY	169	155
	PLOT DATE = 5/1/2026	CHECKED -	REVISED -		CONTRACT NO. 64T43									
		DATE -	REVISED -											
						SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS I FED. AID PROJECT		

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD W12-I102



GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

COLOR LEGEND AND BORDER BACKGROUND BLACK FL ORANGE NON-REFLECTORIZED REFLECTORIZED

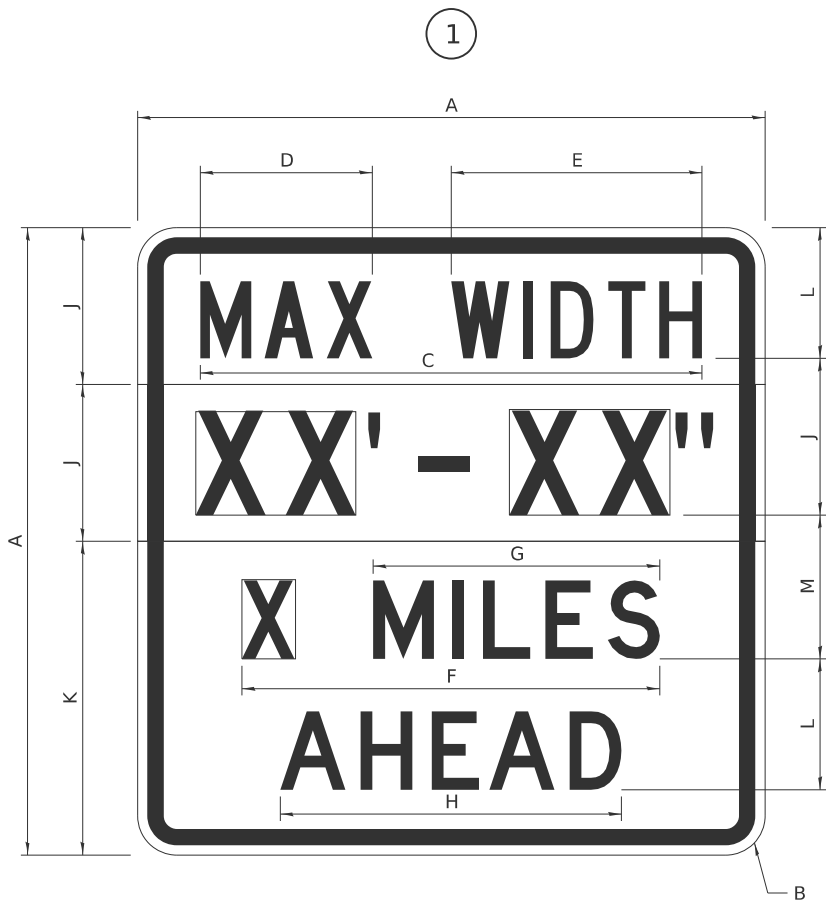
SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

1 Illinois Standard signs W12-I102 and W12-I103 shall be used as described in the special provisions.

SIGN SIZE	SERIES BY LINE	MARGIN	BORDER
	1		
48 x 48	12C	0.750	1.250

Sign not to scale

ILLINOIS STANDARD W12-I103



COLOR LEGEND AND BORDER BACKGROUND (WIDTH) BLACK WHITE FL ORANGE NON-REFLECTORIZED REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
48 x 48	48.00	3.00	38.40	13.20	19.20	32.00	22.00	26.20	12.00	24.00	10.00	11.00

SIGN SIZE	SERIES BY LINE				MARGIN	BORDER
	1	2	3	4		
48 x 48	6C	8D	6D	6D	0.750	1.250

Sign not to scale

XX'-XX" WIDTH AND X MILES ARE VARIABLE
TOP AND BOTTOM OF BACKGROUND WHITE

MODEL: D264T43-sh-details02 (Sheet)
FILE NAME: c:\pwworking\lans-pw-41\dms1722\2026\43-sh-details.dgn



USER NAME = cmercado	DESIGNED -	REVISED - 3-02-16
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 4/22/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	156
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

WORK ZONE SIGN DETAILS

ROAD CLOSED TO OVERSIZED LOADS



COLOR	LEGEND AND BORDER BACKGROUND	BLACK ORANGE	NON-REFLECTORIZED REFLECTORIZED
-------	---------------------------------	-----------------	------------------------------------

Permit Loads - Loads Over 13 Feet; 3.0" Radius, 1.3" Border;
[NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D;
Table of letter and object lefts.

N	O	O	V	E	R	S	I	Z	E	-
11,7	18,1	30,0	36,2	42,8	48,4	54,4	60,7	63,5	69,5	80,8

O	V	E	R	W	E	I	G	H	T	L	O	A	D	S
2.6	8.6	15.0	20.4	26.2	33.4	38.8	41.3	47.4	53.2	64.5	69.9	75.9	82.9	88.7

X	X	M	I	L	E	S	A	H	E	A	D
7.6	13.6	25.3	32.3	35.1	40.6	46.2	57.9	65.1	71.4	76.6	83.7

Sign not to scale

STOP LINE SIGN FOR TEMPORARY SIGNALS



COLOR	LEGEND AND BORDER BACKGROUND	BLACK WHITE	NON-REFLECTORIZED REFLECTORIZED
-------	---------------------------------	----------------	------------------------------------

SIGN SIZE	SERIES BY LINE		
	1	2	3
24 x 24	4C	4C	4C

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

FILE NAME:

 BLOOM COMPANIES, LLC Infrastructure Development and Signalty 100 N. Western Drive, Suite 1200 • Chicago, IL 60609 Phone: (312) 679-6600 Fax: (312) 678-4600	USER NAME = cmcrado	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							80	(37~3-4,1,5,6) BRR	HENRY	169	157
	PLOT SCALE = \$SCALES	CHECKED -	REVISED -		CONTRACT NO. 64T43									
	PLOT DATE = 4/22/2026	DATE -	REVISED -											
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				

ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS

WORK ZONE SIGN DETAILS



COLOR	LEGEND AND BORDER BACKGROUND	BLACK ORANGE	NON-REFLECTORIZED REFLECTORIZED
-------	---------------------------------	-----------------	------------------------------------

2.25" Radius, 0.88" Border, 0.50" Indent;
[CAUTION] D; [ONE LANE ROAD] D;
[FOLLOW TRAFFIC] D; [FLOW] D

2 This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

22.31	C		A		U		T		I		O		N	22.31
3.36	3.36	0.62	4.18	0.94	3.36	0.94	3.04	0.94	0.78	1.17	3.52	1.17	3.36	22.31

8.23	O	N	E
3.51	3.36	1.17	3.04

5.00	L		A		N		E
3.05	3.05	0.31	4.18	0.94	3.36	1.17	3.05

5.00	R		O		A		D	
	3.36	0.93	3.52	0.94	4.18	0.93	3.36	8.23

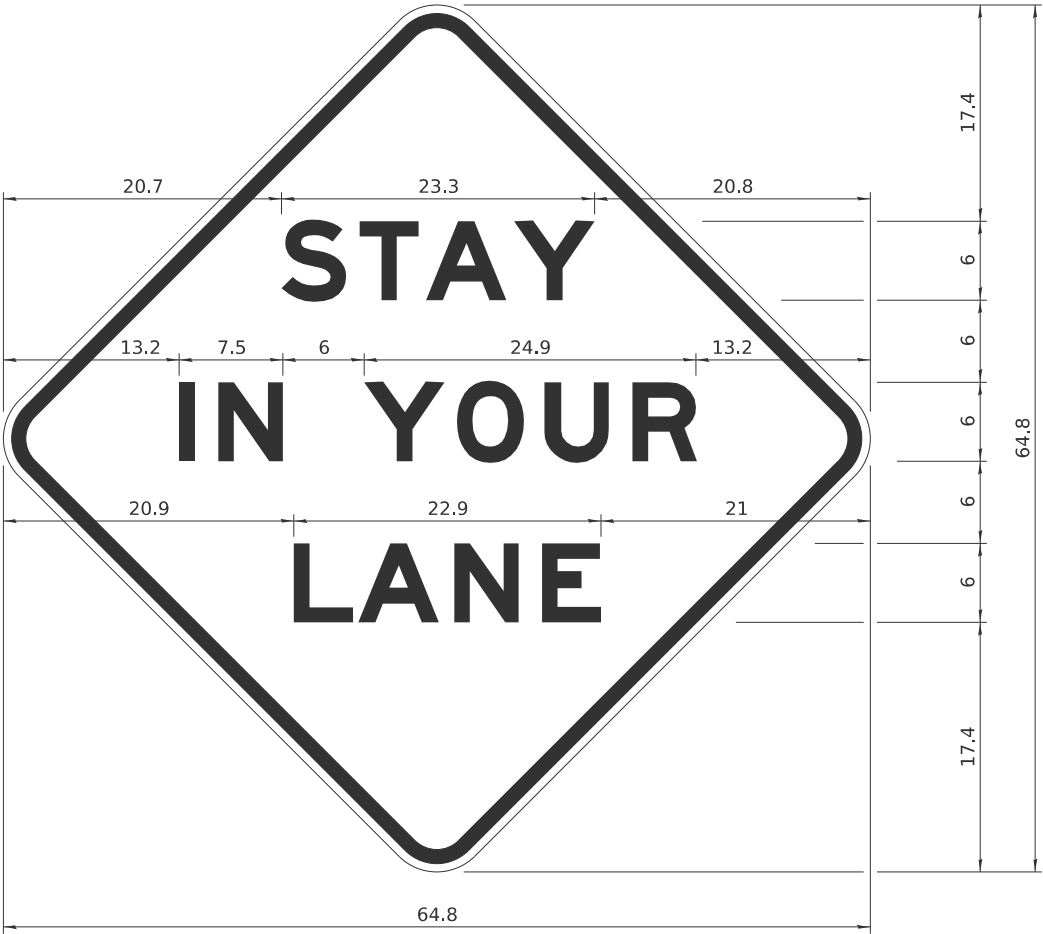
7.43	F		O		L		L		O		W
3.04	0.94	3.52	1.17	3.04	0.94	3.05	0.94	3.51	0.94	4.37	

5.00	T		R		A		F		F		I		C	
3.05	0.94	3.36	0.94	4.18	0.93	3.05	0.94	3.04	0.94	0.78	1.18	3.35	7.43	

27.60	F		L		O		W	
3.05	0.94	3.04	0.94	3.52	0.93	4.38	27.60	

Sign not to scale

STAY IN YOUR LANE



COLOR	LEGEND AND BORDER BACKGROUND	BLACK ORANGE	NON-REFLECTORIZED REFLECTORIZED
-------	---------------------------------	-----------------	------------------------------------

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent;
"STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

Table of Letter and Object Lefts

S	T	A	Y
20.7	26.8	31.6	38.0

I	N	Y	O	U	R
13.2	15.9	26.7	33.9	40.5	46.8

L	A	N	E
20.9	25.8	33.1	39.4

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

MODEL: D264T43-sh-details04 (Sheet)
FILE NAME: c:\pwworking\lan-pw-41\dms17222\D264T43-sh-details.dgn



USER NAME	= cmercado
DESIGNED	-
DRAWN	-
PLOT SCALE	= \$SCALE\$
CHECKED	-
REVIS	-
DATE	-
REVIS	-

DESIGNED	-
DRAWN	-
CHECKED	-
REVIS	-
DATE	-
REVIS	-

REVISED	-	3-02-16
REVISED	-	
REVISED	-	
REVISED	-	

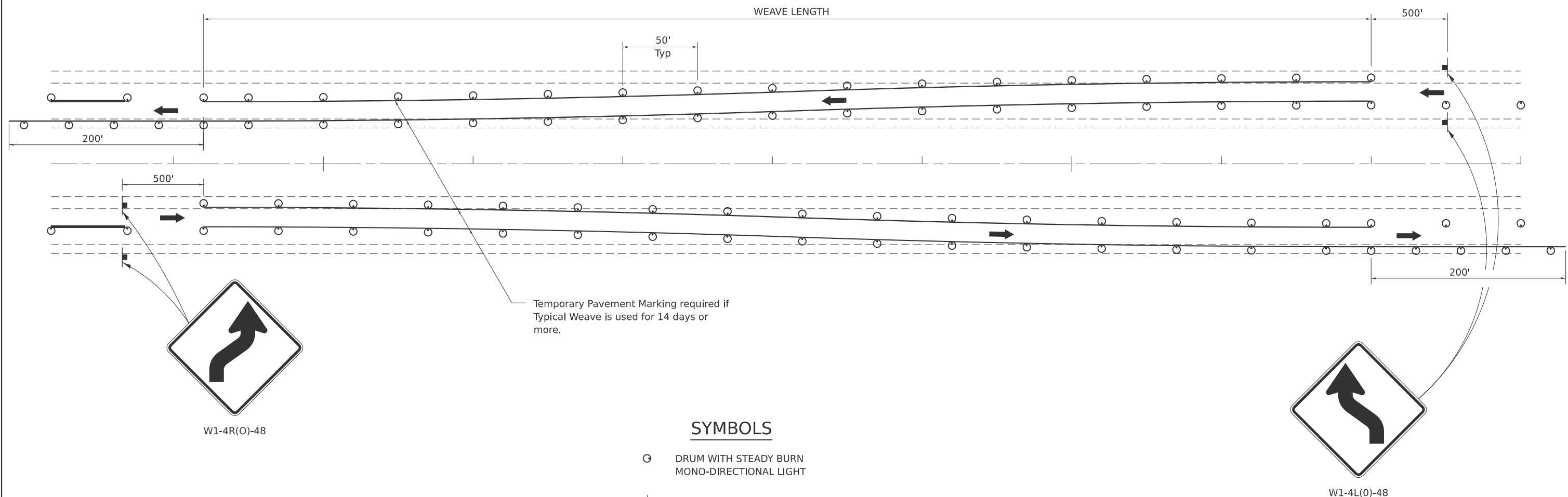
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	158
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL TYPICAL WEAVE



SYMBOLS

- DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- SIGN

STANDARD WEAVE CONDITIONS FOR DIFFERENT SPEED LIMITS

POSTED SPEED LIMIT	WEAVE LENGTH
65 MPH OR HIGHER	780 FT.
55 MPH	660 FT.
45 MPH	540 FT.

GENERAL NOTES:

- USE ON LONG 4-LANE PROJECTS WHERE THE CONTRACTOR MAY CHANGE A PORTION OF THE WORK TO THE OPPOSITE LANE.
- USE WHERE THE PROJECT IS ADJACENT TO ANOTHER AND THE CONTRACTOR COULD BE WORKING ON DIFFERENT LANES.
- TEMPORARY PAVEMENT MARKING SHALL BE USED WHEN TYPICAL WEAVE IS USED FOR 14 DAYS OR MORE.
- TRAFFIC CONTROL TYPICAL WEAVE SHALL BE INCLUDED IN THE COST OF THE SPECIFIC TRAFFIC CONTROL STANDARDS OF ITEMS.

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

MODEL: D264T43-sh-detail05 (Sheet)
FILE NAME: c:\pw_working\lan-pw-41\ms1722\264T43-sh-detail05.dgn



USER NAME = cmercado	DESIGNED -	REVISED - 5-22-25
	DRAWN -	REVISED - 1-05-16
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED - 6-27-14
PLOT DATE = 4/22/2026	DATE -	REVISED - 8-27-13

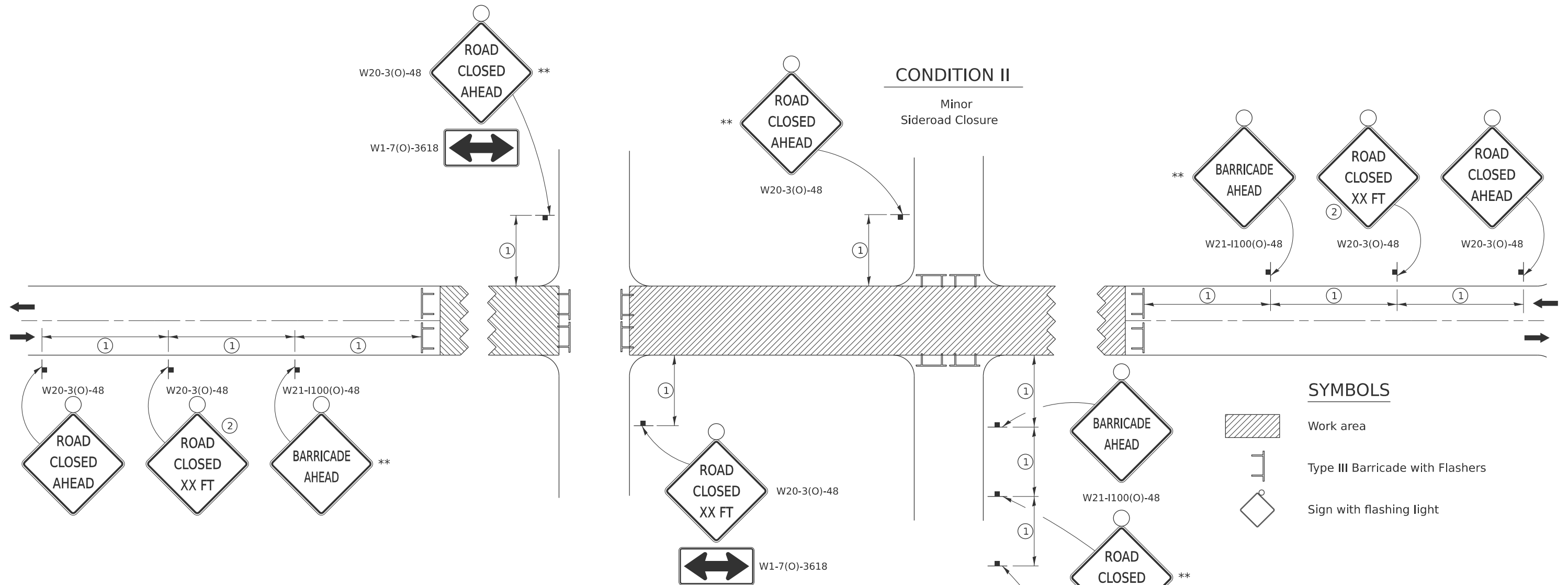
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	159
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL FOR ROAD CLOSURE



Posted Speed	Sign Spacing
45 MPH and above	500'
Below 45 MPH	250'

SIGN LEGEND	
Posted Speed Limit	Distance
45 MPH and above	1000'
Below 45 MPH	500'

SYMBOLS

Work area

Type III Barricade with Flashers

Sign with flashing light

GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

**** Where local access is to be maintained, barricades are to be set up as shown in "Road Closed To Thru Traffic". Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.**

All dimensions are in inches
unless otherwise shown.

TYPICAL APPLICATION FOR ROAD CLOSURE

ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP

Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

CONDITION II

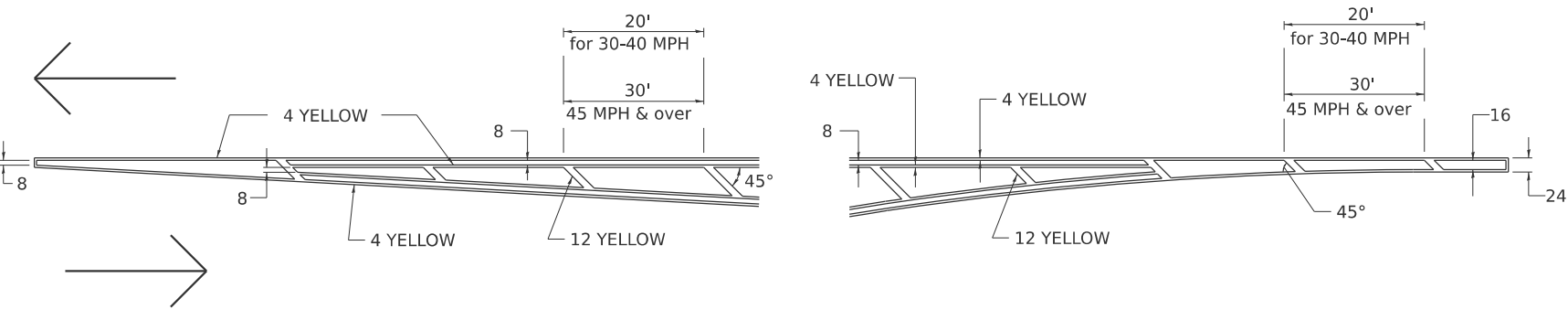
Minor Sideroad Closure

CONDITION

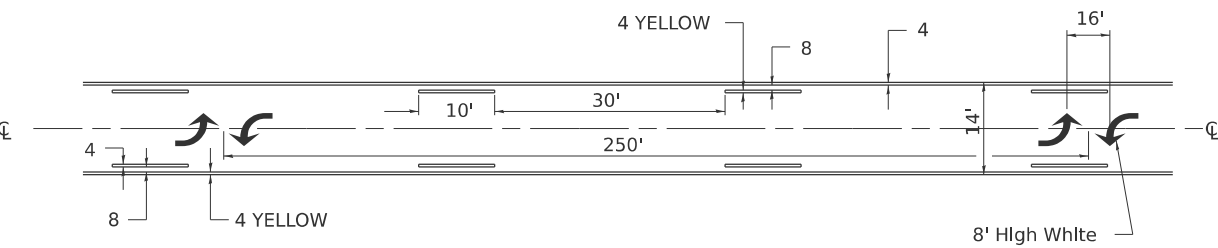
Major Sideroad Closure

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

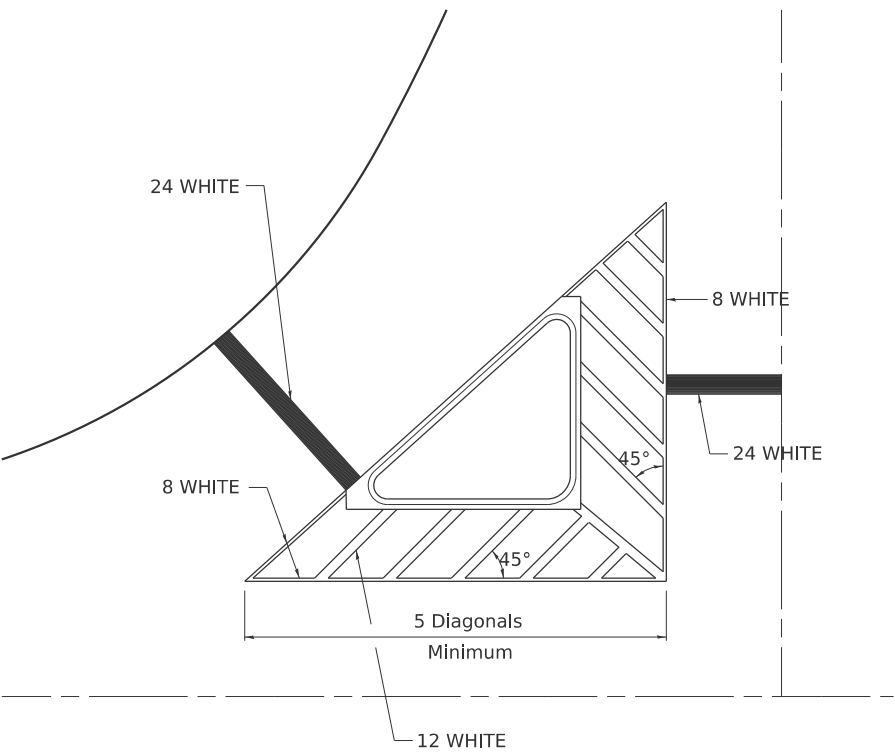


MEDIAN PAVEMENT MARKING



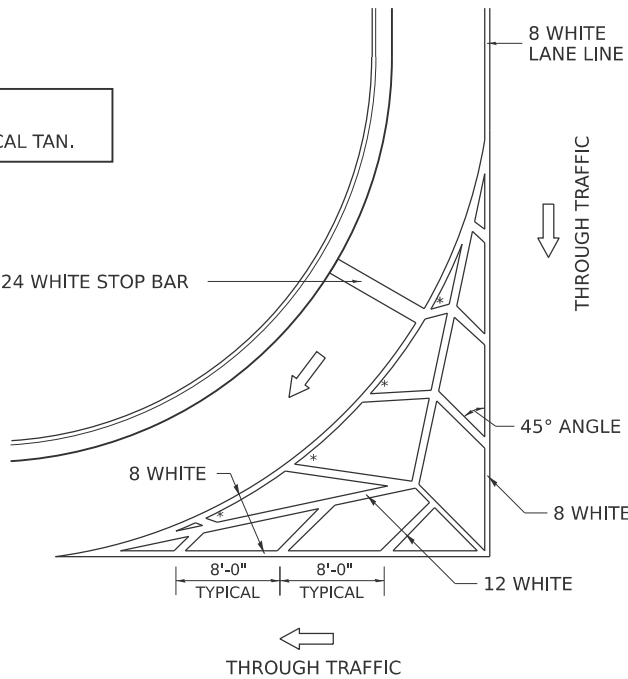
** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



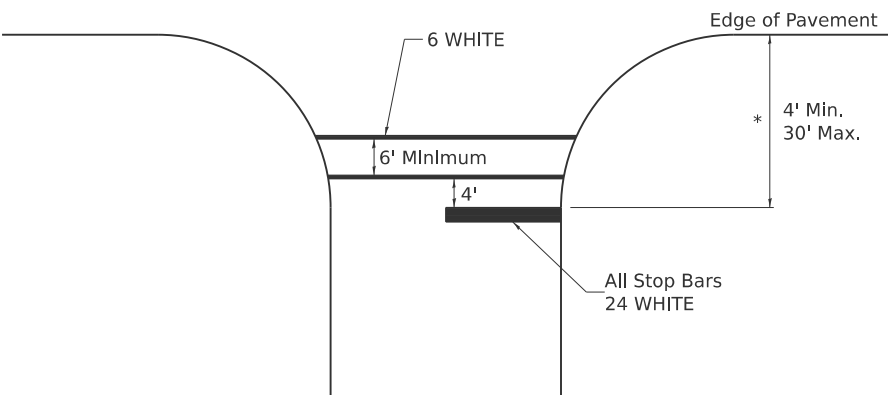
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations



* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

MODEL: D264T43-sh-details07 (Sheet)
FILE NAME: c:\pwworking\larr-pw-41\lms1722\2\264T43-sh-details.dgn



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = \$SCALE\$
PLOT DATE = 4/22/2026

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED - 6-27-14
REVISED - 3-05-12
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

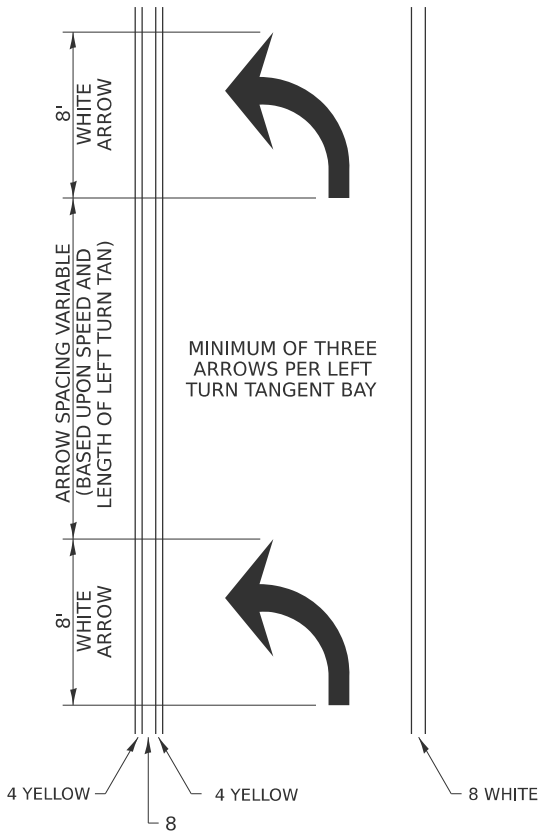
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	161
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT

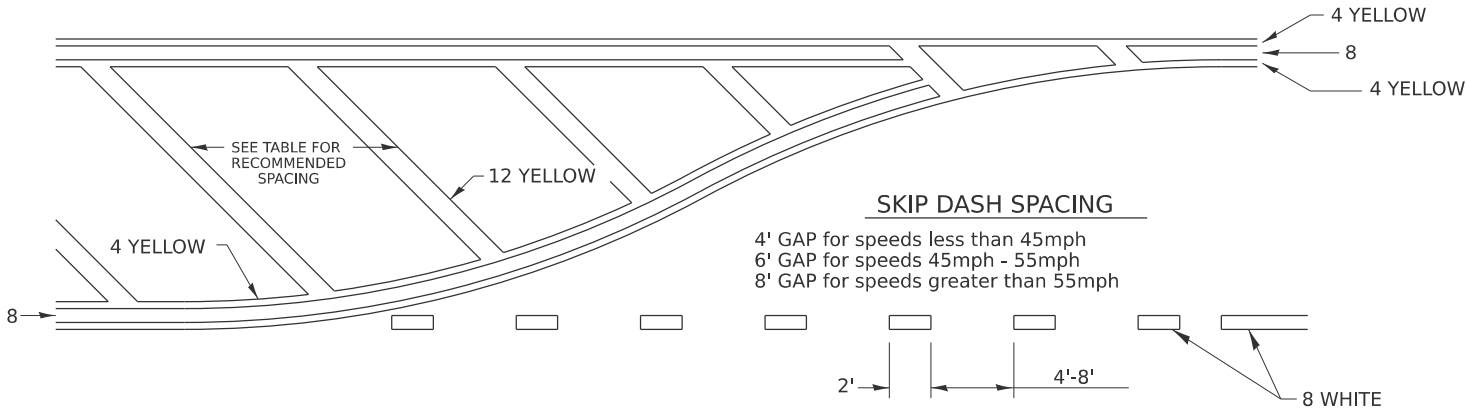


SYMBOLS

- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER
- TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

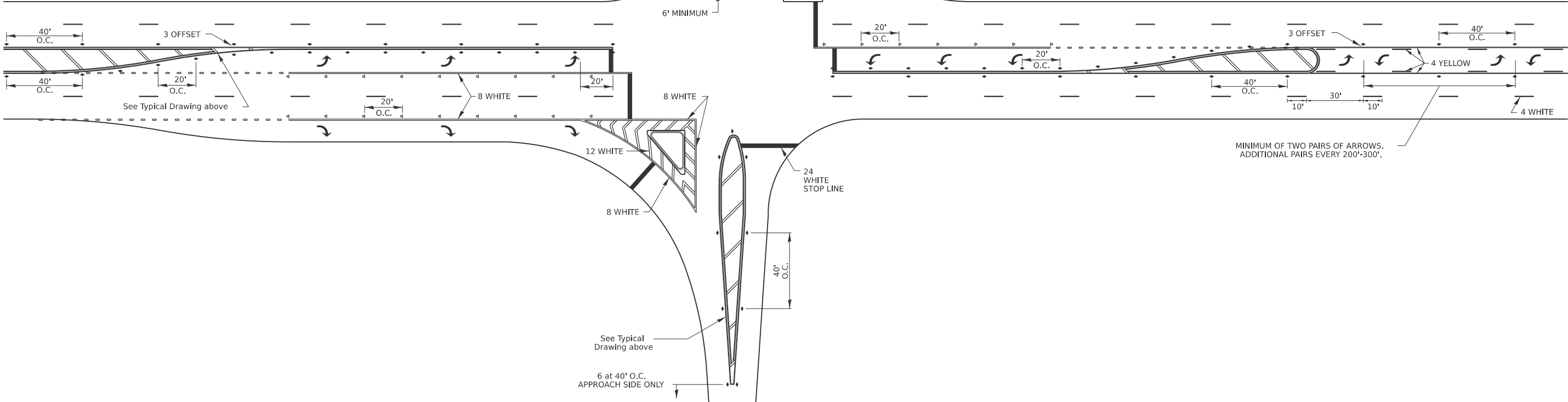
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



MODEL: D264T43-sh-details08 [Sheet]
FILE NAME: c:\pw_working\lan-pw-41\lms1722\2\264T43-sh-details.dgn



USER NAME = cmercado
DESIGNED -
DRAWN -
PLOT SCALE = \$SCALE\$
CHECKED -
PLOT DATE = 4/22/2026
DATE -

DESIGNED -
DRAWN -
PLOT SCALE = \$SCALE\$
CHECKED -
PLOT DATE = 4/22/2026
DATE -

REVISED - 6-27-14
REVISED - 3-05-12
REVISED -
REVISED -

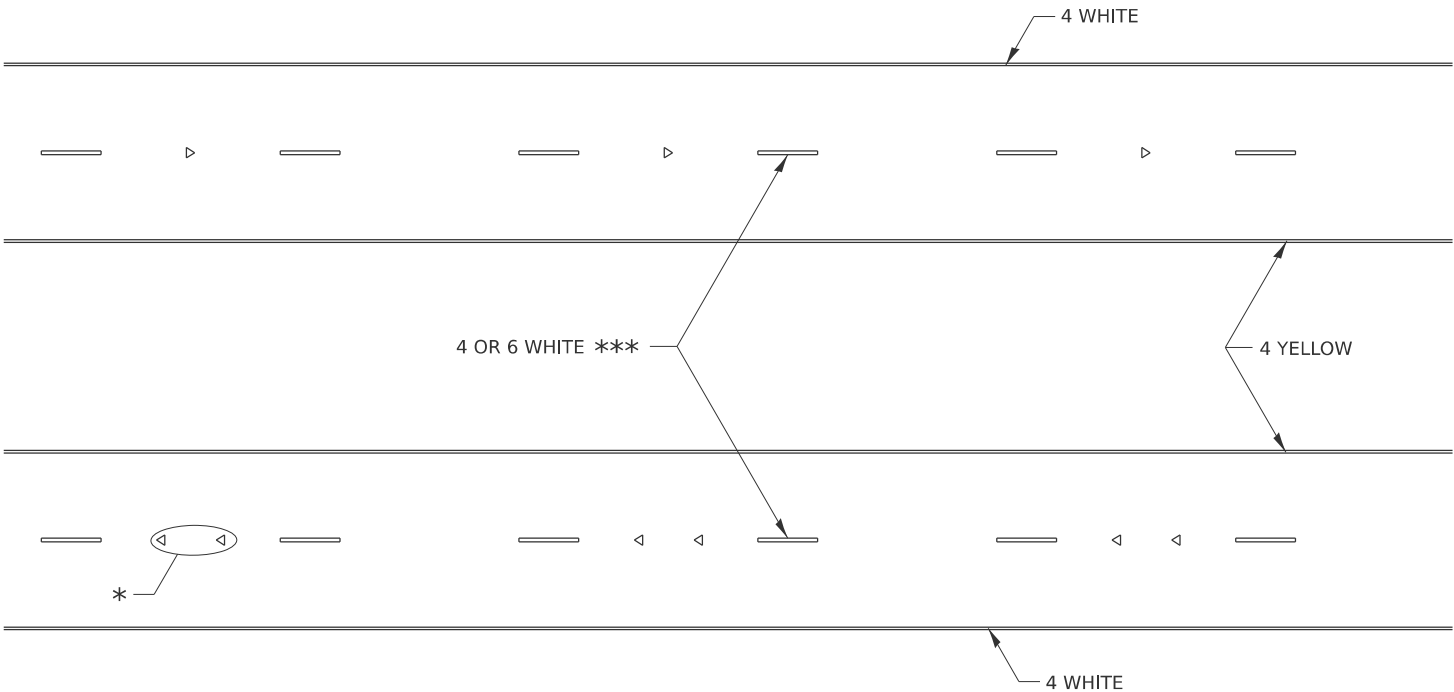
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

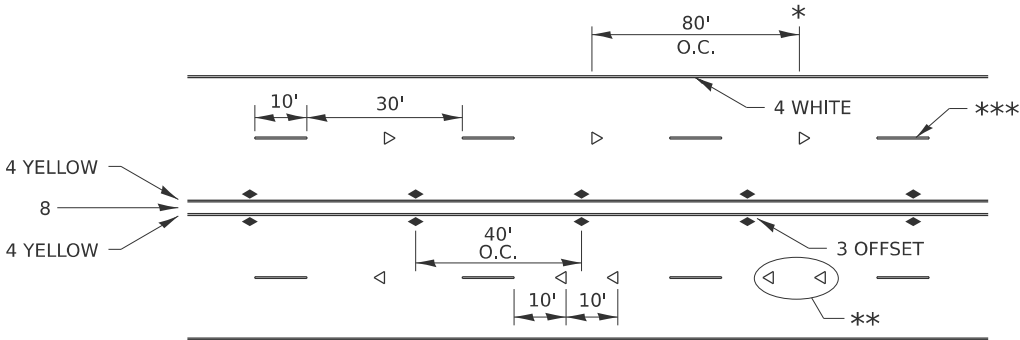
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	162
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT ≥ 20,000.

MULTI-LANE / DIVIDED



* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE
10 MPH LOWER THAN POSTED SPEEDS.

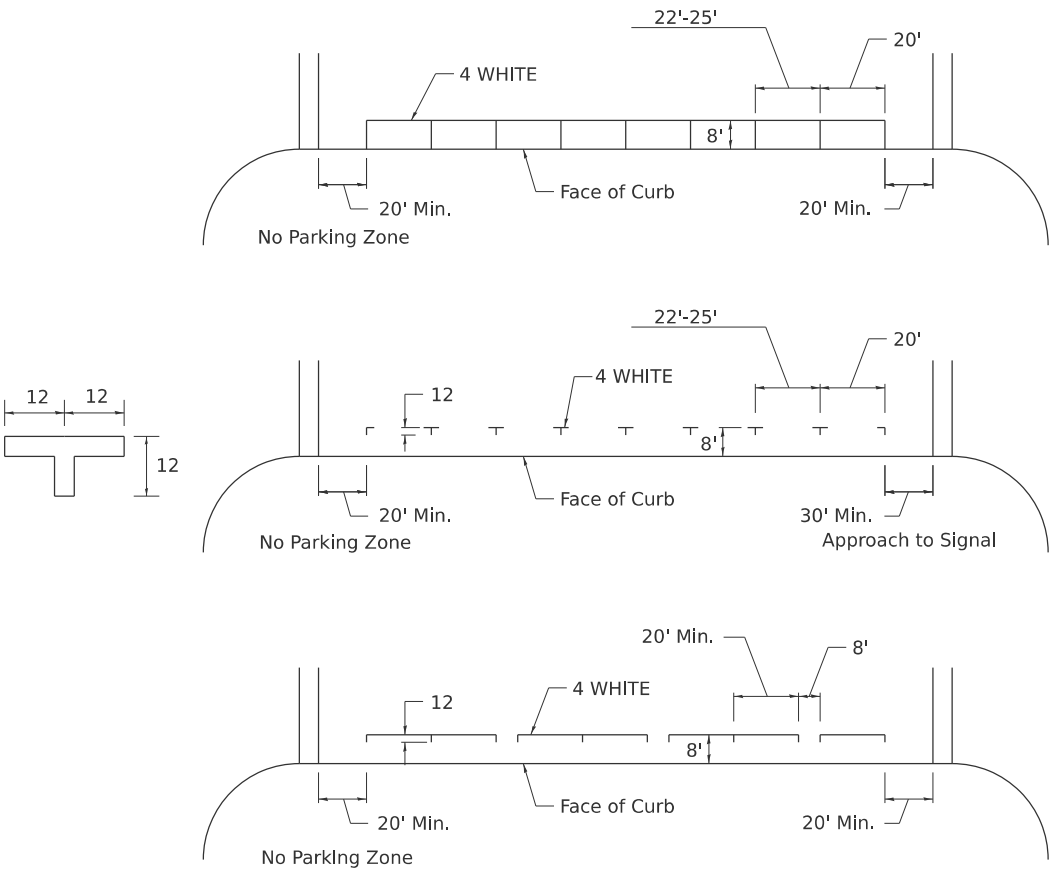
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

*** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT
LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND
OVER USE 6" LINE.

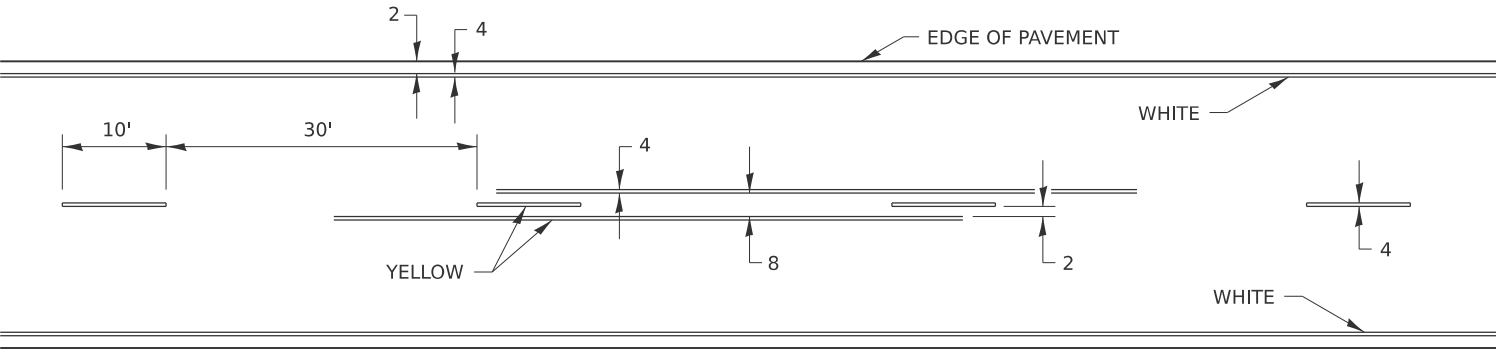
MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS
DETAIL NOT HIGHWAY STANDARD 781001)

TYPICAL PARKING SPACING



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



MODEL: D264T43-sh-detail609 [Sheet]
FILE NAME: c:\pwworking\lanc-pw-41\ms1722\2D64T43-sh-detail609.dgn



USER NAME	= cmernado
DESIGNED	-
DRAWN	-
PLOT SCALE	= \$\$SCALE\$
PLOT DATE	= 4/22/2026

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-	6-27-14
REVISED	-	8-27-13
REVISED	-	11-28-12
REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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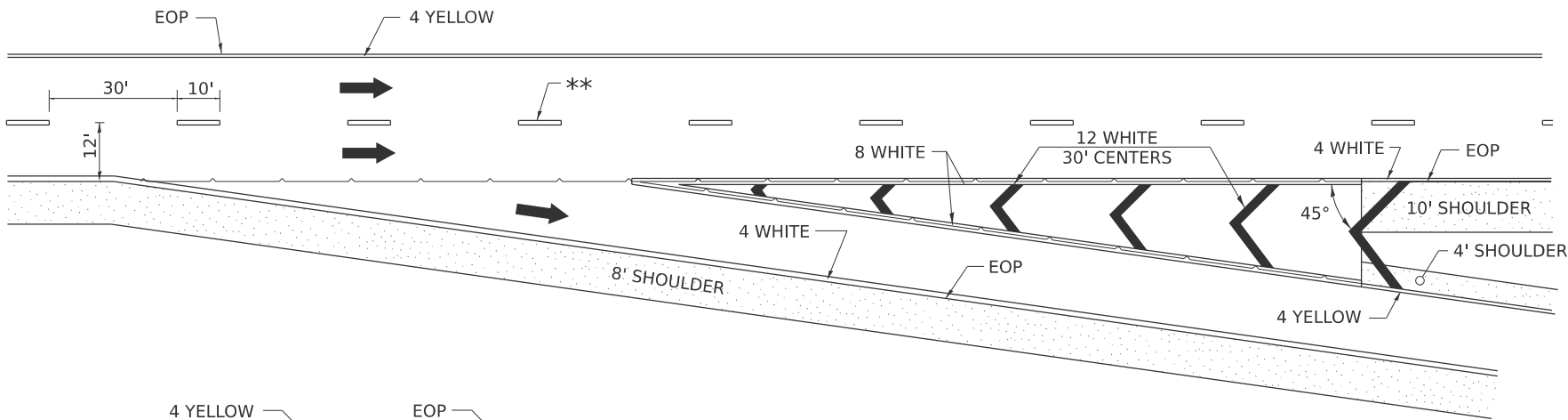
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	163
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

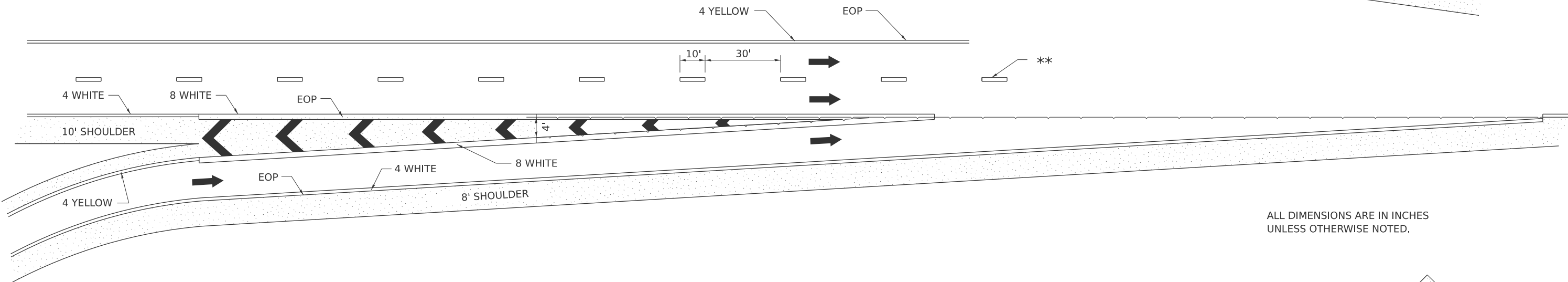
** 6" WHITE ON INTERSTATES, WHERE THE SPPD LIMIT IS 65 MPH, OR WHEN DIRECTED BY THE ENGINEER.
4" WIDE AT ALL OTHER LOCATIONS.

NOTE: GORE HATCHING PLACED ONLY WHEN SCHEDULED IN THE PLANS

EXIT RAMP

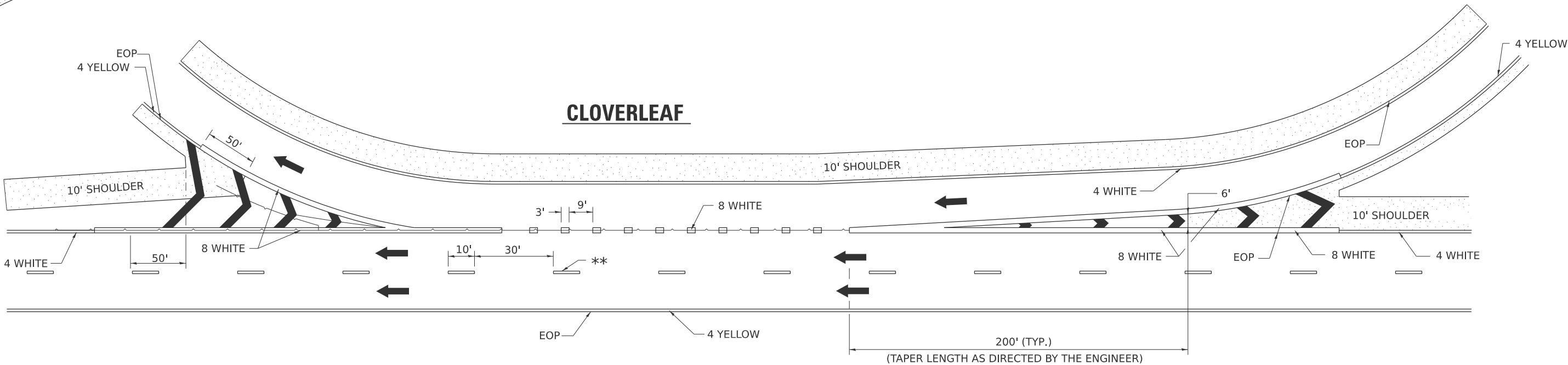


ENTRANCE RAMP



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

CLOVERLEAF



MODEL: D264T43-sh-details(10) [Sheet]
FILE NAME: c:\pwworking\larr-pw-41\lms17222\264T43-sh-details.dgn



USER NAME	= cmercado
PLOT SCALE	= \$\$SCALE\$
PLOT DATE	= 4/22/2026

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-	9-15-23
REVISED	-	8-27-13
REVISED	-	10-18-11
REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

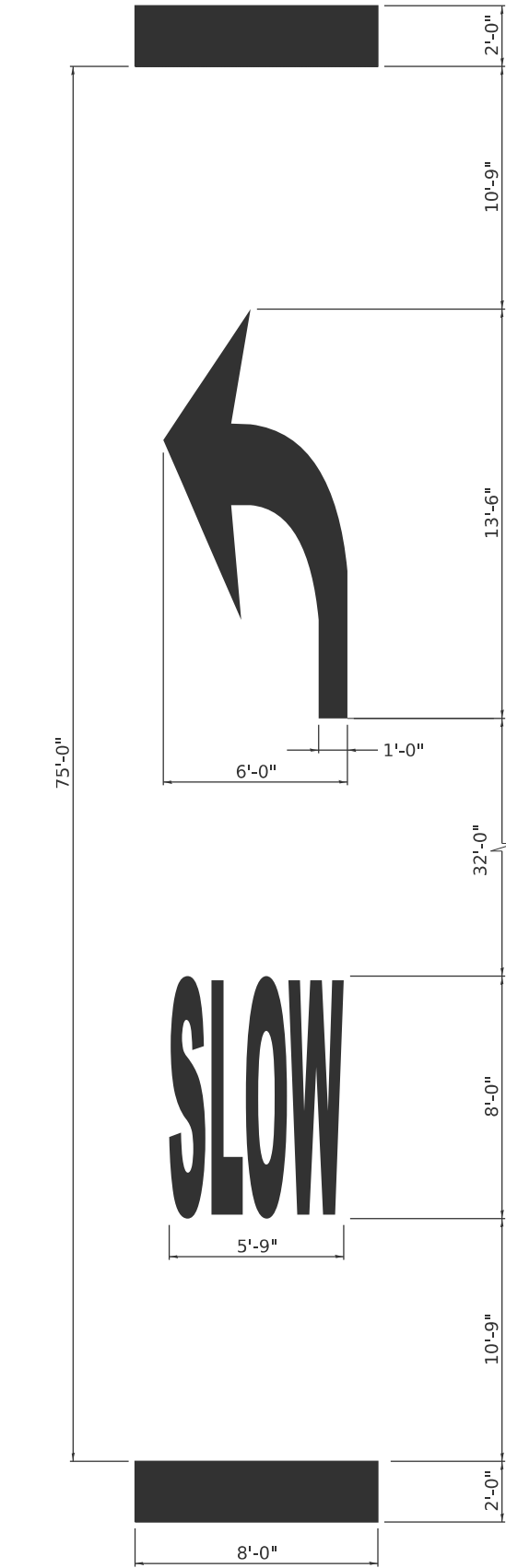
REGION 2 / DISTRICT 2 STANDARD

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	164
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

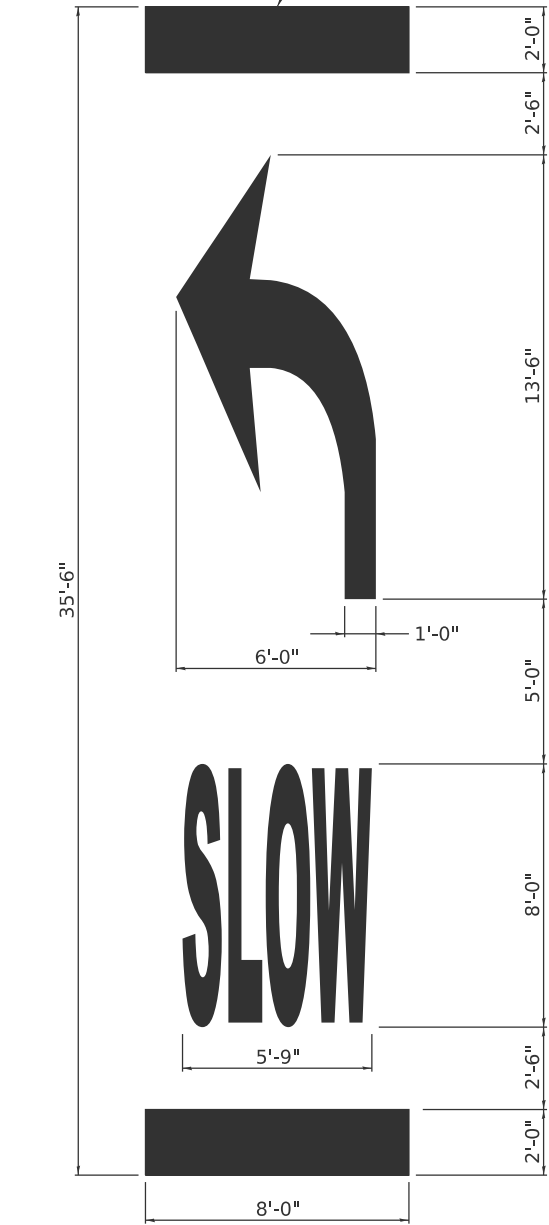
TYPICAL PAVEMENT MARKINGS

EDGE OF 24" PAVEMENT MARKING
SHOULD CORRESPOND TO REFERENCE
POINT SET IN FIELD.



SLOW CURVE ARROW
HIGH-SPEED STANDARD MARKING

(POSTED SPEED LIMIT 40 MPH OR GREATER)



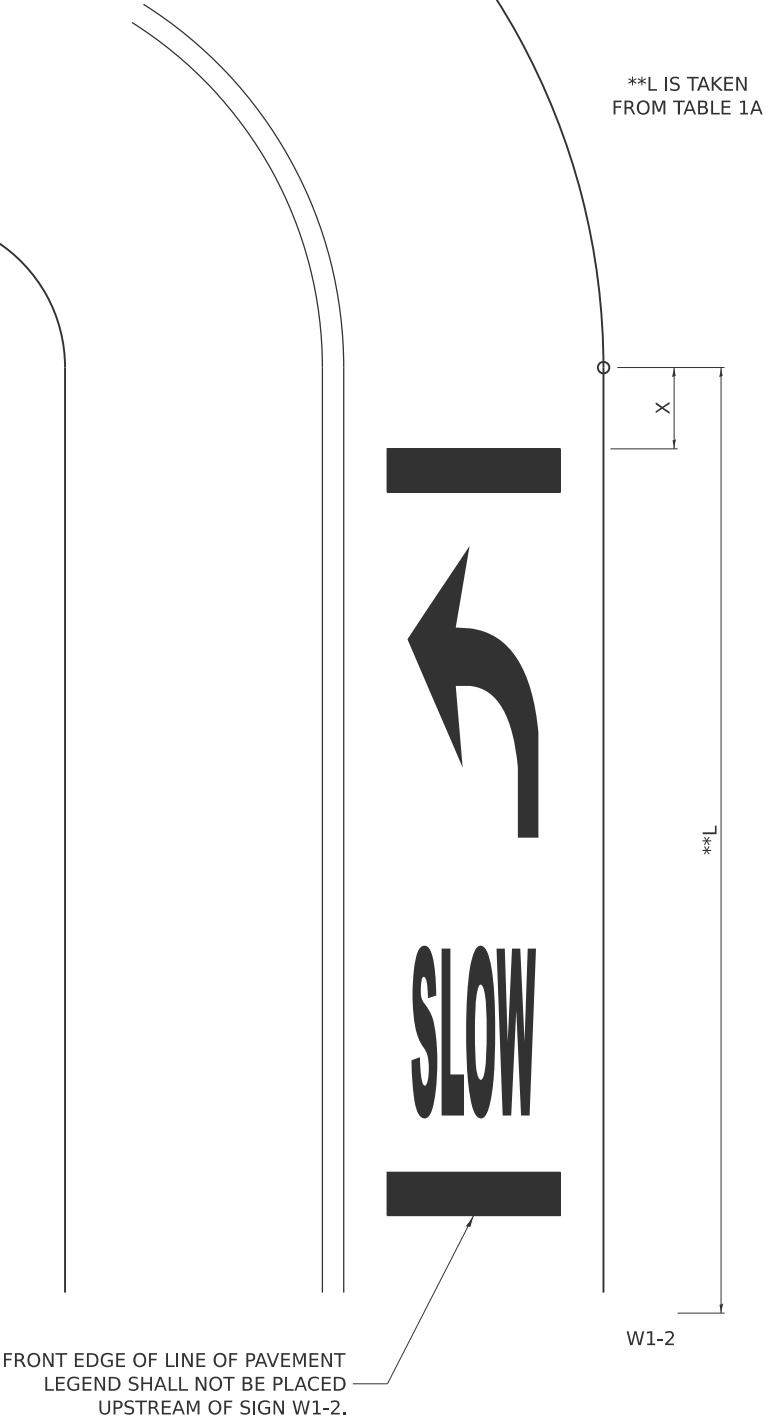
SLOW CURVE ARROW
LOW-SPEED STANDARD MARKING

(POSTED SPEED LIMIT 35 MPH OR LESS)

TABLE 1A

POSTED SPEED	WARNING SPEED							
	20	25	30	35	40	45	50	55
	VALUE OF X (FT.)							
20 *	100							
25 *	100	100						
30 *	100	100	100					
35 *	100	100	100	100				
40 *	100	100	100	100	100			
45 *	125	110	100	100	100	100		
50 *	225	200	175	135	100	100	100	
55 *	300	275	250	200	175	135	100	100

* NOTE: ON ROADWAYS WITH A POSTED SPEED LIMIT OF 35 MPH OR LESS, USE THE 35'-6" PAVEMENT MARKING LEGEND AS SHOWN IN THE SLOW CURVE ARROW, LOW-SPEED STANDARD MARKING. ON ALL OTHER ROADWAYS, USE THE 50'-0" PAVEMENT MARKING LEGEND AS SHOWN ON THE SLOW CURVE ARROW, HIGH-SPEED STANDARD MARKING.



TYPICAL LAYOUT AND PLACEMENT OF
SUPPLEMENTAL CURVE PLACEMENT MARKING

MODEL: D264T43-sh-details11 [Sheet]
FILE NAME: c:\pwworking\larr-pw-c1\mms17222\264T43-sh-details.dgn



USER NAME	= cmercado	DESIGNED	-	10-8-25
DRAWN	-	REVIS	-	4-17-25
PLOT SCALE	= \$\$SCALE\$	CHECKED	-	REVIS
PLOT DATE	= 4/22/2026	DATE	-	REVIS

DESIGNED	-	10-8-25
DRAWN	-	4-17-25
CHECKED	-	REVIS
DATE	-	REVIS

REVIS	-	10-8-25
REVIS	-	4-17-25
REVIS	-	REVIS
REVIS	-	REVIS

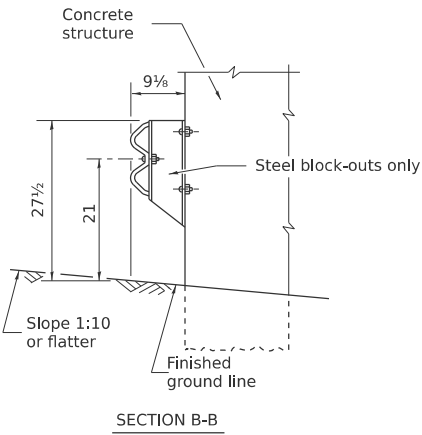
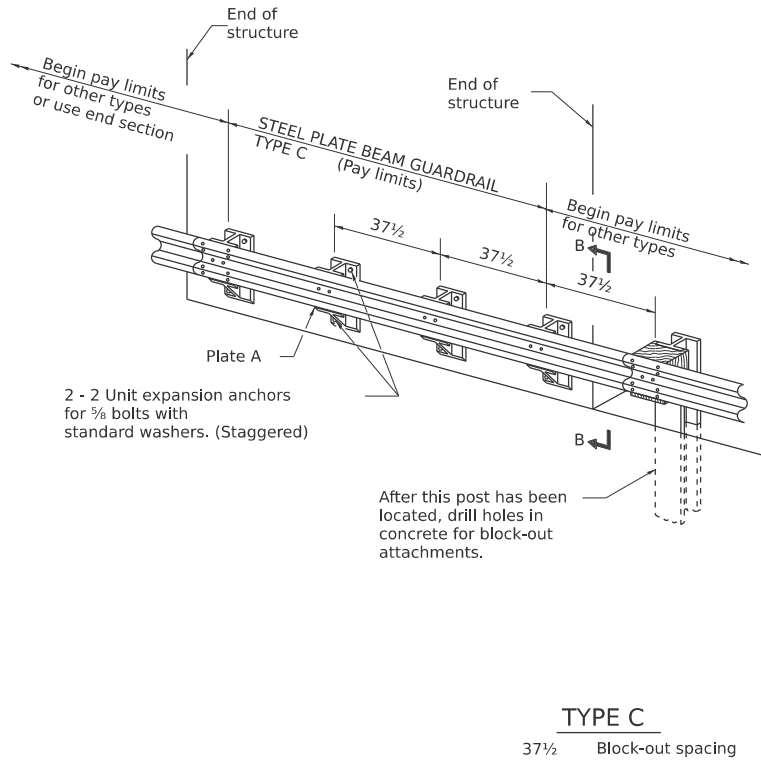
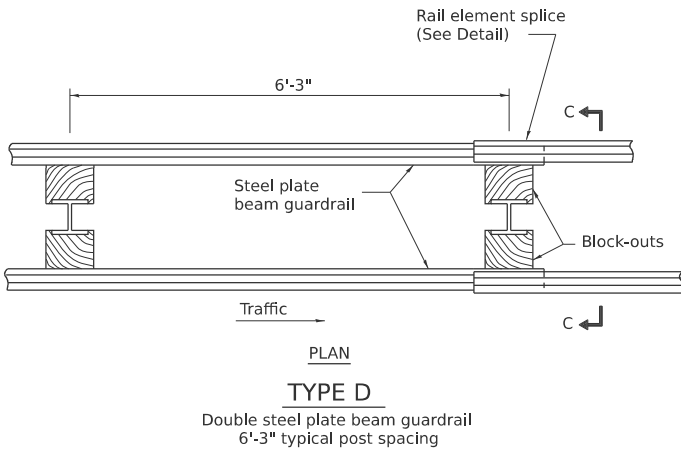
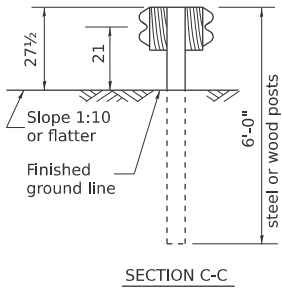
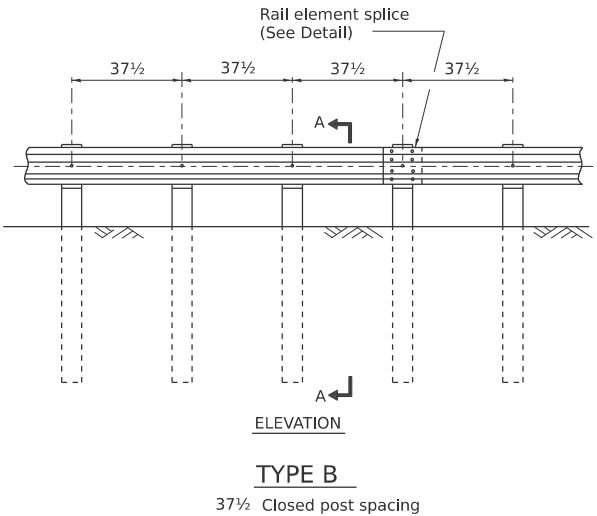
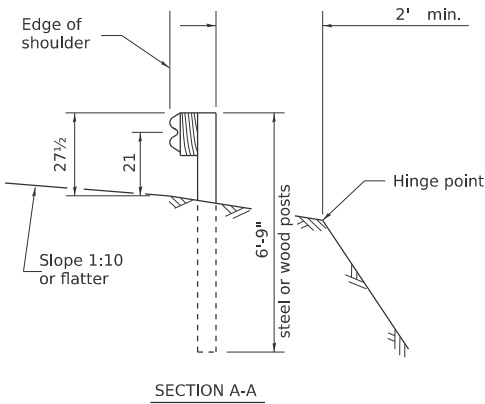
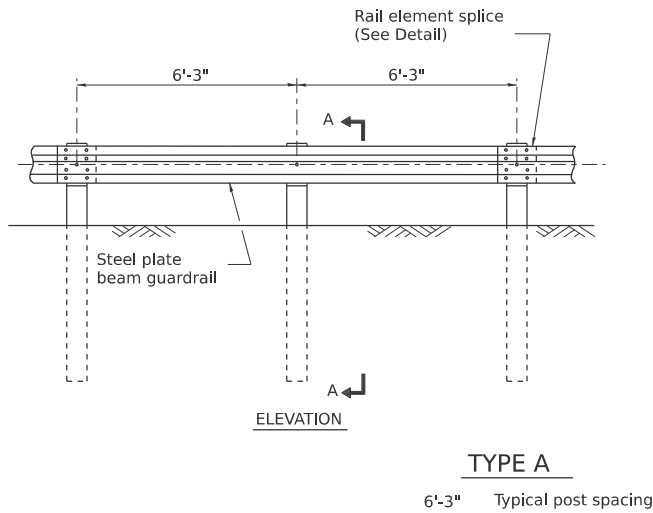
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	165
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL



GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches unless otherwise shown.

The existing steel posts may be drilled to match the bolt pattern shown herein for the wood block-out, or a new steel post shall be provided.

This detail is applicable to the guardrail system used prior to January 1, 2007. For details on the Midwest Guardrail System, see Standard 630001.

MODEL: D264T43-sh-details12 (Sheet)
FILE NAME: c:\pwworking\larr-pw-41\lms1722\2\264T43-sh-details.dgn



USER NAME = cmercado	DESIGNED -	REVISED - 1-05-16
	DRAWN -	REVISED - 10-18-11
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 4/22/2026	DATE -	REVISED -

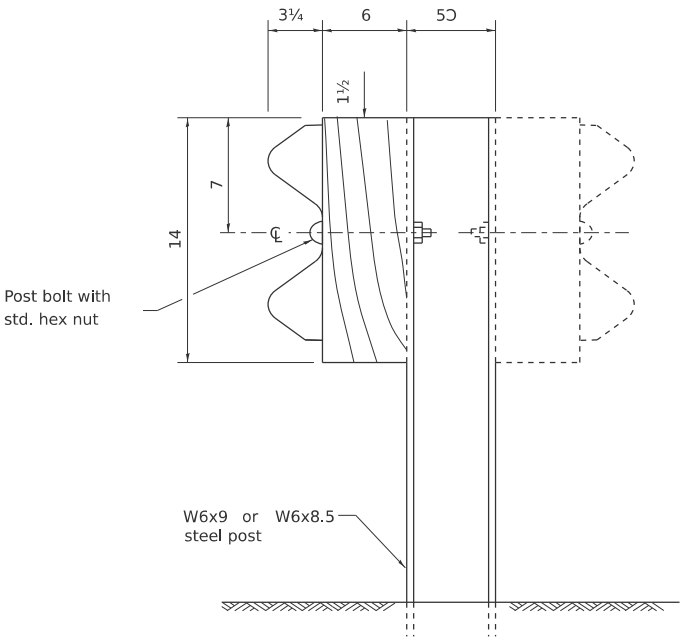
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

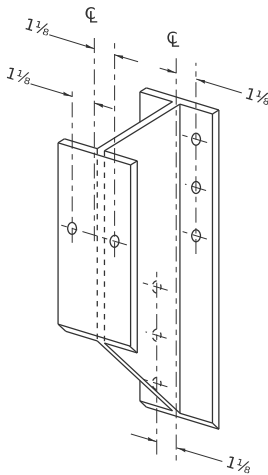
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CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

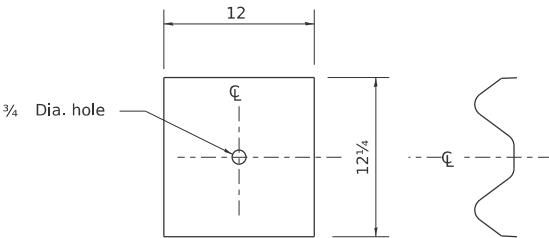
REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL



STEEL POST CONSTRUCTION



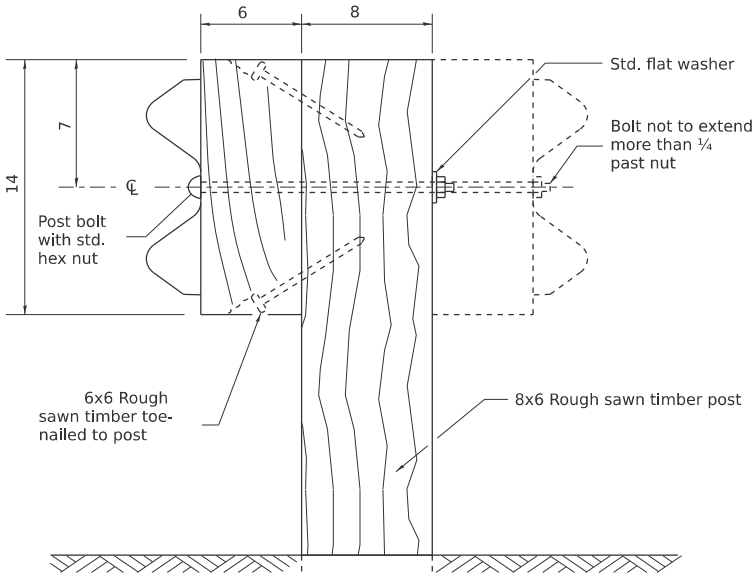
STEEL BLOCK-OUT DETAIL



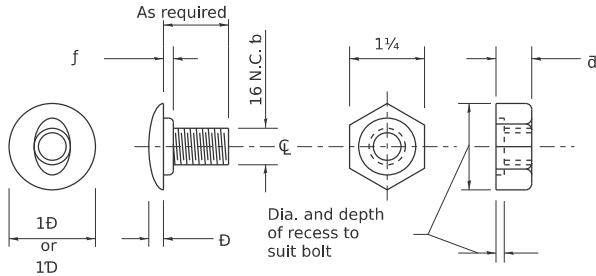
NOTE

Plate A shall be placed between rail element and block-out at non-splice mounting points only when steel block-outs are used.

PLATE A



WOOD POST CONSTRUCTION



POST OR SPLICE BOLT & NUT

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	DRAWN -	REVISED - 10-18-11
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PLOT DATE = 4/22/2026	DATE -	REVISED -

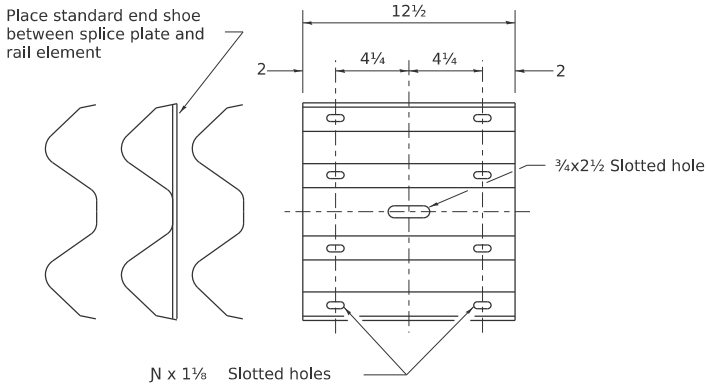
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

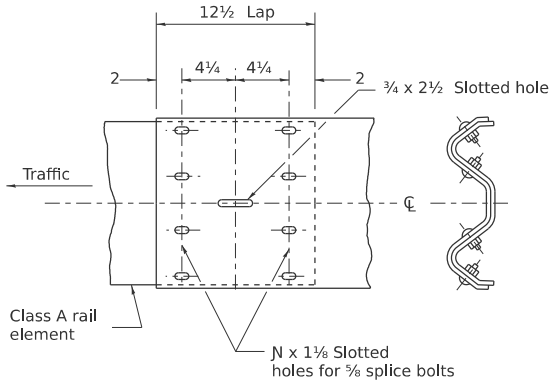
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

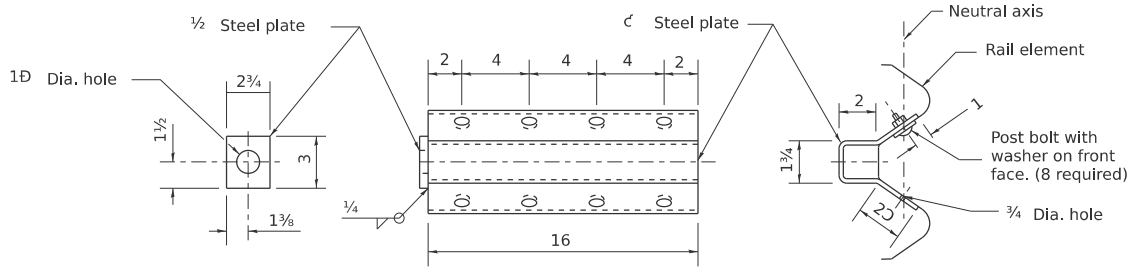
REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL



SPLICE PLATE



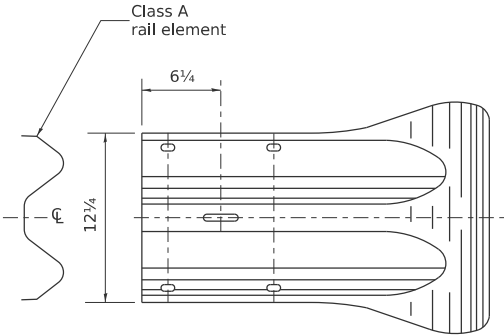
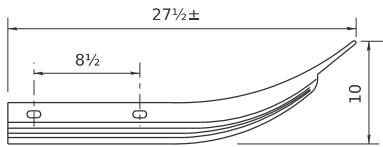
RAIL ELEMENT SPLICE



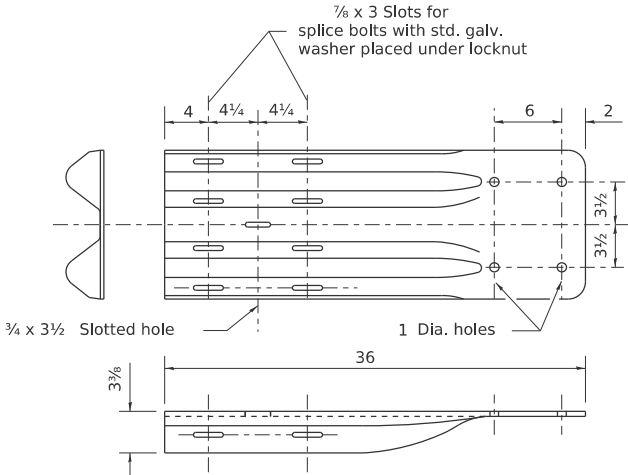
NOTE

Anchor plate T shall be used to attach cable assembly to guardrail when required on traffic barrier terminals.

ANCHOR PLATE T DETAILS



END SECTION



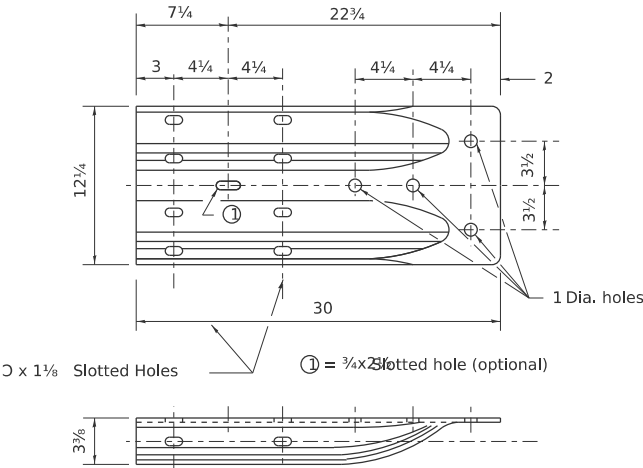
NOTE

When end shoe is attached to a bridge parapet which has an expansion joint, the bolts shall be provided with a locknut or double nut and shall be tightened only to a point that will allow guardrail movement.

The standard end shoe shall be attached to the concrete with pre-drilled or self-drilling anchor bolts. The anchor cone shall be set flush with the surface of the concrete.

Externally threaded studs protruding from the surface of the concrete will not be permitted.

END SHOE



ALTERNATE END SHOE

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FILE NAME: c:\pwworking\lrm-pw-d1\ms1722\2\264T43-sh-details.dgn



USER NAME = cmercado	DESIGNED -	REVISED - 1-05-16
	DRAWN -	REVISED - 10-18-11
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PLOT DATE = 4/22/2026	DATE -	REVISED -

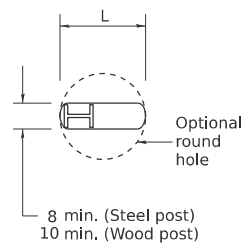
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

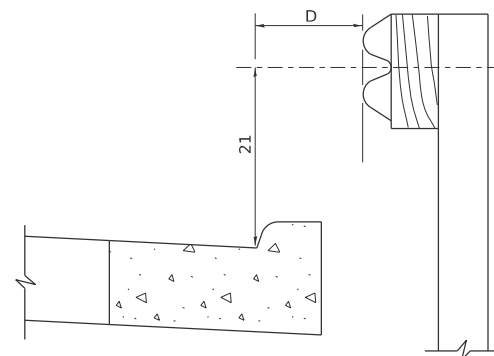
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-(3-1,4,5,6)) BRR	HENRY	169	168
CONTRACT NO. 64T43				
ILLINOIS FED. AID PROJECT				

REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL



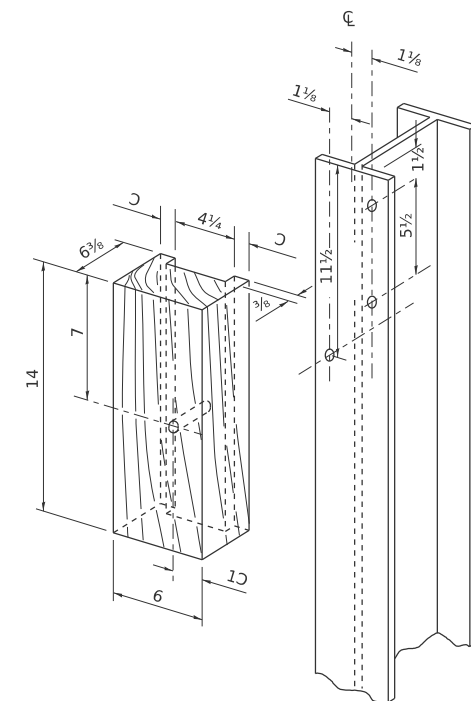
PLAN



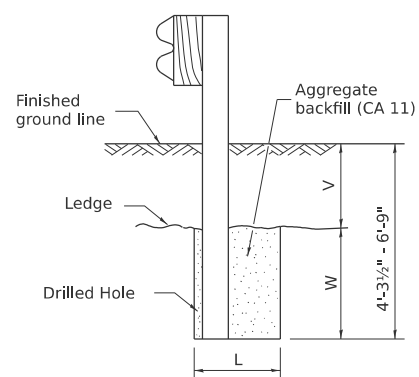
Note:
If it is necessary for D to be more than ~~and~~
~~less than 10'-0" type DW~~ and gutter
(Std. 606001) shall be used in front of and in advance
of the guardrail.

GUARDRAIL PLACED BEHIND CURB

(D = 0 desirable to maximum)



WOOD BLOCK-OUT AND STEEL POST DETAILS

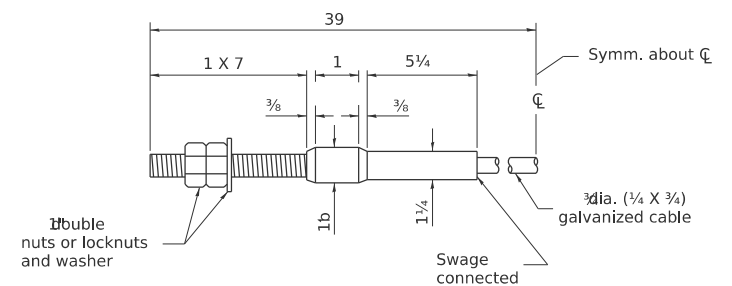


Note:
Ledge line is top of rock
ledge or hard slag fill.

ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED

V	W	L	
		Steel Post	Wood Post
0 - 18	24	21	23
>18 - 41.5	12	8	10
>41.5 - 53.5	12 - 0	8	10



CABLE ASSEMBLY

(40,000 lbs. min. breaking strength)
Tighten to taut tension.