

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	1
		ILLINOIS	CONTRACT NO. 66R63	

INDEX OF SHEETS

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- 15 ROADWAY PLAN
- 16 - 29 STRUCTURAL PLAN
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HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
701321-19	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701901-11	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER

**PROPOSED
HIGHWAY PLANS**

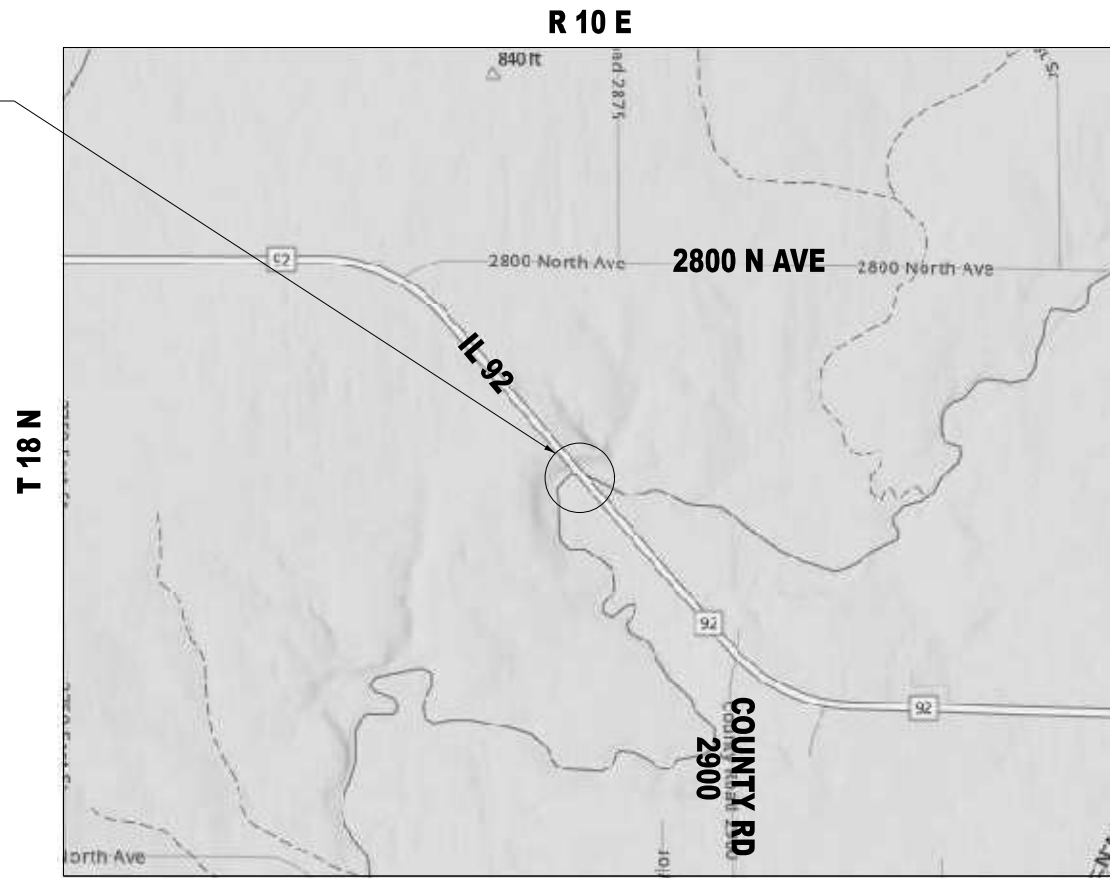
FAP ROUTE 587 (IL 92)
SECTION (140C-BR)BRR
BRIDGE REPAIR
BUREAU COUNTY

C-93-022-26

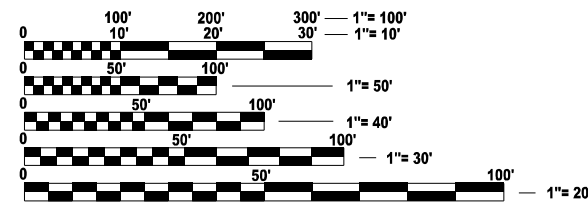
D-93-006-26



PROJECT LOCATION
S.N. 006-0149
(STA. 814+68.50)
CARRYING F.A.P. ROUTE 587 (IL 92)
OVER BUREAU CREEK
1.6 MI. WEST OF US 34



LOCATION MAP
NOT TO SCALE



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

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

PROJECT ENGINEER: JUNIOR SENAT P.E.
UNIT CHIEF: RON WOODSHANK
DISTRICT NO. 3 (815) 434-6131
CONTRACT NO. 66R63

FUNCTIONAL CLASSIFICATION

MINOR ARTERIAL
F.A.P. ROUTE 587 (IL 92)
2025 ADT = 1,000
P.V. = 80.0% S.U. = 8.0% M.U. = 12.0%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 4, 2026

Trisha Thompson REGIONAL ENGINEER

March 20, 2026

Scott A. [Signature] ENGINEER OF DESIGN AND ENVIRONMENT

March 20, 2026

[Signature] 5 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**



HMA MIXTURE TABLE

LOCATIONS	HMA SHOULDERS	
	9" HMA SHOULDERS	
MIXTURE USE	HMA BINDER	HMA SURFACE
	BOTTOM LIFTS	TOP LIFT
BINDER GRADE (PG)	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4% @ N50	4% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 9.5
FRICTION AGGREGATE	N/A	MIXTURE C
MIXTURE WEIGHT	112.0 LB/SQ YD/IN	112.0 LB/SQ YD/IN
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A
DENSITY TEST METHOD	CORE/NUCLEAR	CORE/NUCLEAR
MATERIAL TRANSFER DEVICE (REQUIRED)	NO	NO

GENERAL NOTES

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

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY.

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

SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
HMA RESURFACING	112	LBS / SQ YD / IN

COMMITMENTS

THE ENGINEER SHALL RECORD THE DECK SLAB REPAIR LOCATION, PATCH SIZE AND QUANTITIES ON THE DECK SLAB REPAIR "AS BUILT" PLAN DETAILS. WHEN RECORDED, THE ENGINEER SHALL FORWARD THE DECK SLAB REPAIR "AS BUILT" PLAN DETAILS TO THE BRIDGE OFFICE IN A TIMELY MANNER. BRIDGE OFFICE CONTACT PERSON IS JEFFREY BURKE. PHONE (217) 558-0282. EMAIL: JEFFREY.BURKE@ILLINOIS.GOV. THE ENGINEER SHALL NOTIFY THE DEPARTMENTS DESIGN AND PLANNING SECTION WHEN THE "AS BUILT" DECK SLAB REPAIR PLAN HAS BEEN SENT TO THE BRIDGE OFFICE. CONTACT PERSON IS JUNIOR SENAT. PHONE (815) 434-8449. EMAIL: JUNIOR.SENAT@ILLINOIS.GOV

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS-BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION: _____

INSPECTORS: _____

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PLOT DATE = 1/9/2026	DATE - 1/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 92 OVER BUREAU CREEK
GENERAL NOTES

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	2
CONTRACT NO. 66R63				
ILLINOIS		FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				CONTRACT MAINTENANCE 100% STATE	
				BRIDGE	
				0047	
				SN 006-0149	
20200100	EARTH EXCAVATION	CU YD	105		105
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	286		286
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	269		269
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	121		121
44004250	PAVED SHOULDER REMOVAL	SQ YD	29		29
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	10		10
48203033	HOT-MIX ASPHALT SHOULDERS, 9"	SQ YD	269		269
50102400	CONCRETE REMOVAL	CU YD	8.8		8.8
50300255	CONCRETE SUPERSTRUCTURE	CU YD	8.5		8.5
50300300	PROTECTIVE COAT	SQ YD	27		27
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	199		199
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,480		1,480
50800515	BAR SPLICERS	EACH	16		16
52000110	PREFORMED JOINT STRIP SEAL	FOOT	96		96

* SPECIALTY ITEM

MODEL: Summary of Quantities (Sheet)
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 92 OVER BUREAU CREEK
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	3
CONTRACT NO. 66R63			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				CONTRACT MAINTENANCE 100% STATE
				BRIDGE 0047 SN 006-0149
52100520	ANCHOR BOLTS, 1"	EACH	4	4
53016000	DECK SLAB REPAIR (PARTIAL)	SQ YD	78	78
53212754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	62	62
59000200	EPOXY CRACK INJECTION	FOOT	12	12
67100100	MOBILIZATION	L SUM	1	1
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1
70106700	TEMPORARY RUMBLE STRIPS	EACH	6	6
70300100	SHORT TERM PAVEMENT MARKING	FOOT	282	282
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	94	94
70400100	TEMPORARY CONCRETE BARRIER	FOOT	550.0	550.0
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	525.0	525.0

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 92 OVER BUREAU CREEK
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	4
CONTRACT NO. 66R63			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				CONTRACT MAINTENANCE 100% STATE	
				BRIDGE	
				0047	
				SN 006-0149	
70600251	IMPACT ATTENUATORS, TEMPORARY (NON-RESTRICTIVE, NARROW) TEST LEVEL 3	EACH	2		2
70600352	IMPACT ATTENUATORS, RELOCATE (NON-RESTRICTIVE, NARROW) TEST LEVEL 3	EACH	2		2
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	2,742		2,742
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	230		230
* 78100300	REPLACEMENT REFLECTOR	EACH	8		8
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	31		31
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	26		26
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1,028		1,028
X0325748	ACRYLIC COATING	SQ YD	12		12
X0325749	FIBER WRAP	SQ FT	85		85
X5051204	STRUCTURAL STEEL REMOVAL	POUND	72		72
X5060700	CLEANING AND PAINTING BEARINGS	EACH	12		12
X5230154	CLEANING BRIDGE SCUPPERS AND DOWNSPOUTS	EACH	2		2
X5930100	CONTROLLED LOW-STRENGTH MATERIAL (SPECIAL)	CU YD	3.5		3.5

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 92 OVER BUREAU CREEK
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	5
CONTRACT NO. 66R63			ILLINOIS FED. AID PROJECT	

EARTH EXCAVATION

FROM STATION	TO STATION	LT/RT	DEPTH	VOLUME (CU YD)
816+52.79	816+93.49	LT	6	3.77
816+52.79	816+80.72	RT	6	1.03
816+52.79	818+39.28	RT	15	44.04
816+93.49	819+11.14	LT	15	55.95
ROUNDED TOTAL				105

SUBBASE GRANULAR MATERIAL TYPE B, 6"

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)
816+52.79	819+11.14	LT	156.78
816+52.79	818+39.28	RT	111.90
ROUNDED TOTAL			269

PAVEMENT MARKING REMOVAL - WATER BLASTING

FROM STATION	TO STATION	LT/RT	WIDTH	AREA (SQ FT)
810+00.00	819+13.72	LT	4.00	304.57
810+00.00	819+13.72	RT/LT	4.00	304.57
810+00.00	819+13.72	RT	4.00	304.57
810+00.00	819+13.72	RT/LT	6.00	114.22
ROUNDED TOTAL				1,028

PAVED SHOULDER REMOVAL

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)
816+52.79	816+93.49	LT	22.60
816+52.79	816+80.72	RT	6.21
ROUNDED TOTAL			29

HOT MIX ASPHALT SURFACE REMOVAL, 1 1/2"

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)
812+99.71	813+31.28	LT/RT	4.74
816+05.71	816+37.29	LT/RT	4.74
ROUNDED TOTAL			10

RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL

FROM STATION	TO STATION	LT/RT	EACH
810+00.00	813+16.54	RT/LT	4
816+21.12	819+13.72	RT/LT	4
TOTAL			8

HOT MIX ASPHALT SHOULDERS, 9"

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)
816+52.79	819+11.14	LT	156.78
816+52.79	818+39.28	RT	111.90
ROUNDED TOTAL			269

MODIFIED URETHANE PAVEMENT MARKING - LINE 4"

FROM STATION	TO STATION	LT/RT	FOOT
810+00.00	819+13.72	LT	913.72
810+00.00	819+13.72	RT/LT	913.72
810+00.00	819+13.72	RT	913.72
ROUNDED TOTAL			2,742

REPLACEMENT REFLECTOR

FROM STATION	TO STATION	LT/RT	EACH
810+00.00	813+16.54	RT/LT	4
816+21.12	819+13.72	RT/LT	4
TOTAL			8

BITUMINOUS MATERIALS (TACK COAT)

FROM STATION	TO STATION	LT/RT	POUND
816+52.79	819+11.14	LT	70.55
816+52.79	818+39.28	RT	50.36
ROUNDED TOTAL			121

MODIFIED URETHANE PAVEMENT MARKING - LINE 6"

FROM STATION	TO STATION	LT/RT	FOOT
810+00.00	819+13.72	RT/LT	228.43
ROUNDED TOTAL			230

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 92 OVER BUREAU CREEK
SCHEDULE OF QUANTITIES**

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	7
CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				

TEMPORARY CONCRETE BARRIER

STAGE	FROM STATION	TO STATION	LT/RT	FOOT
1	811+85.34	817+35.08	RT/LT	550.00
ROUNDED TOTAL				550.0

BARRIER WALL REFELCTORS, TYPE C

STAGE	FROM STATION	TO STATION	LT/RT	EACH
1	813+22.63	816+46.37	LT	13
2	812+90.63	816+14.37	RT	13
TOTAL				26

RELOCATE TEMPORARY CONCRETE BARRIER

STAGE	FROM STATION	TO STATION	LT/RT	FOOT
2	812+14.92	817+39.66	RT/LT	525.00
ROUNDED TOTAL				525.0

GUARDRAIL REFLECTORS, TYPE A

STAGE	FROM STATION	TO STATION	LT/RT	EACH
1	811+27.76	813+22.63	LT	6
1	816+46.38	819+11.14	LT	9
2	810+25.69	812+90.63	RT	9
2	816+14.41	818+39.29	RT	7
TOTAL				31

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

STAGE	STATION	LT/RT	EACH
1	811+85.34	RT	1
1	817+35.08	RT	1
TOTAL			2

LINEAR DELINEATOR PANELS, 4 INCH

FROM STATION	TO STATION	LT/RT	EACH
811+27.76	813+22.63	LT	2
816+46.38	819+11.14	LT	3
810+25.69	812+90.63	RT	3
816+14.41	818+39.16	RT	2
TOTAL			10

IMPACT ATTENUATORS, RELOCATE
(NON-REDIRECTIVE, NARROW) TEST LEVEL 3

STAGE	STATION	LT/RT	EACH
2	812+14.92	LT	1
2	817+39.66	LT	1
TOTAL			2

LINEAR DELINEATOR PANELS, 6 INCH

STAGE	FROM STATION	TO STATION	LT/RT	EACH
1	813+22.63	816+46.37	LT	4
2	812+90.63	816+14.37	RT	4
TOTAL				8

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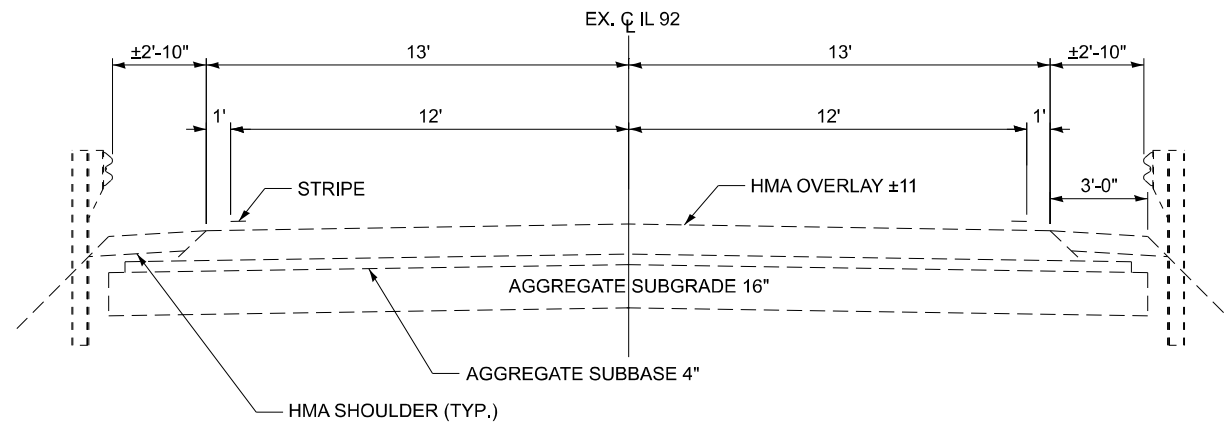
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 92 OVER BUREAU CREEK
SCHEDULE OF QUANTITIES**

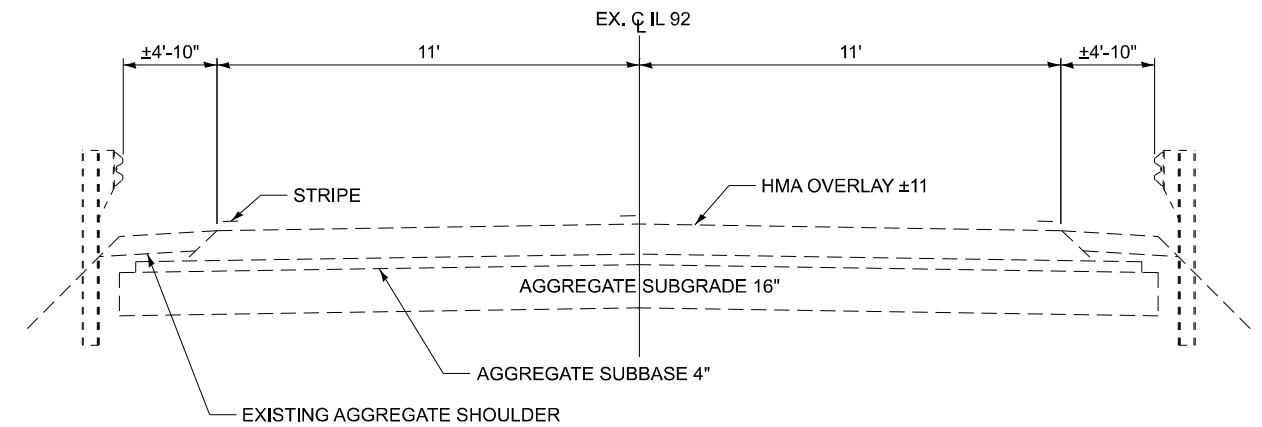
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	8
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ILLINOIS FED. AID PROJECT				



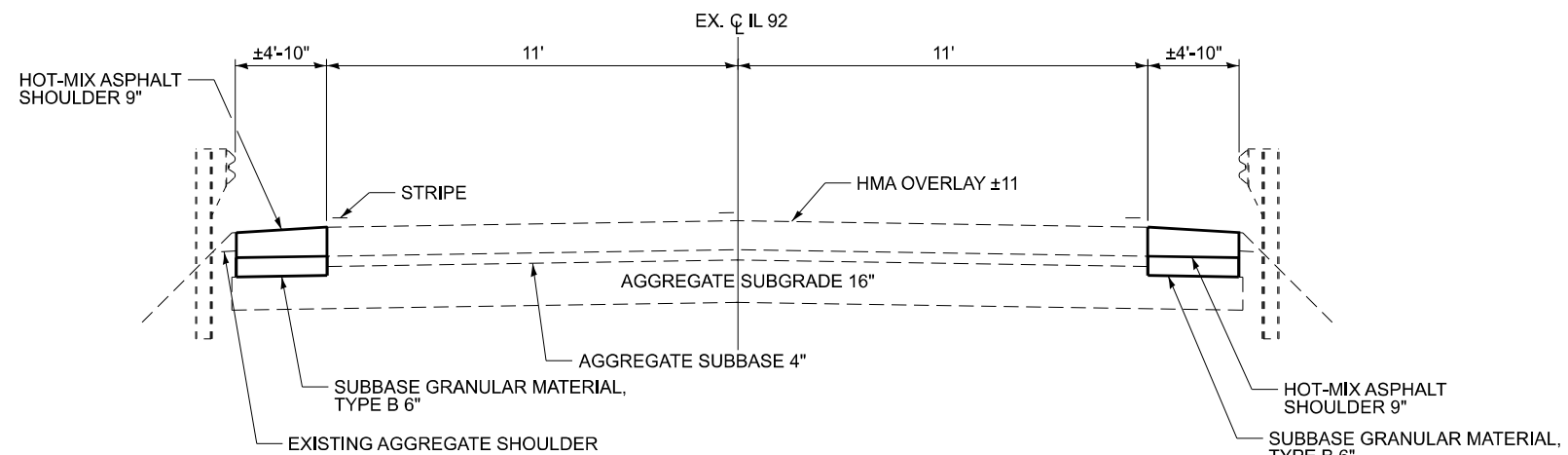
**EXISTING TYPICAL SECTION
IL ROUTE 92**

STA. 810+00.00 TO STA. 812+84.21



**EXISTING TYPICAL SECTION
IL ROUTE 92**

STA. 816+52.79 TO STA. 820+00.00



**PROPOSED TYPICAL SECTION
IL ROUTE 92**

STA. 816+52.79 TO STA. 819+11.14

NOTE: SEE SCHEDULES FOR LOCATION(S) OF SHOULDER RECONSTRUCTION

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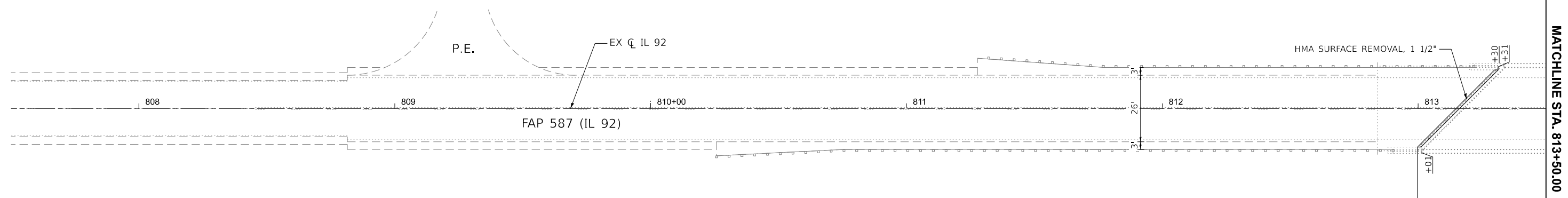
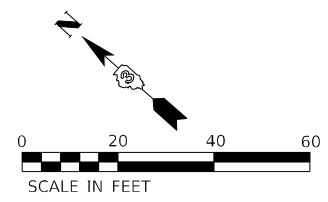
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

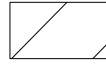


**US 92 OVER BUREAU CREEK
TYPICAL SECTIONS**

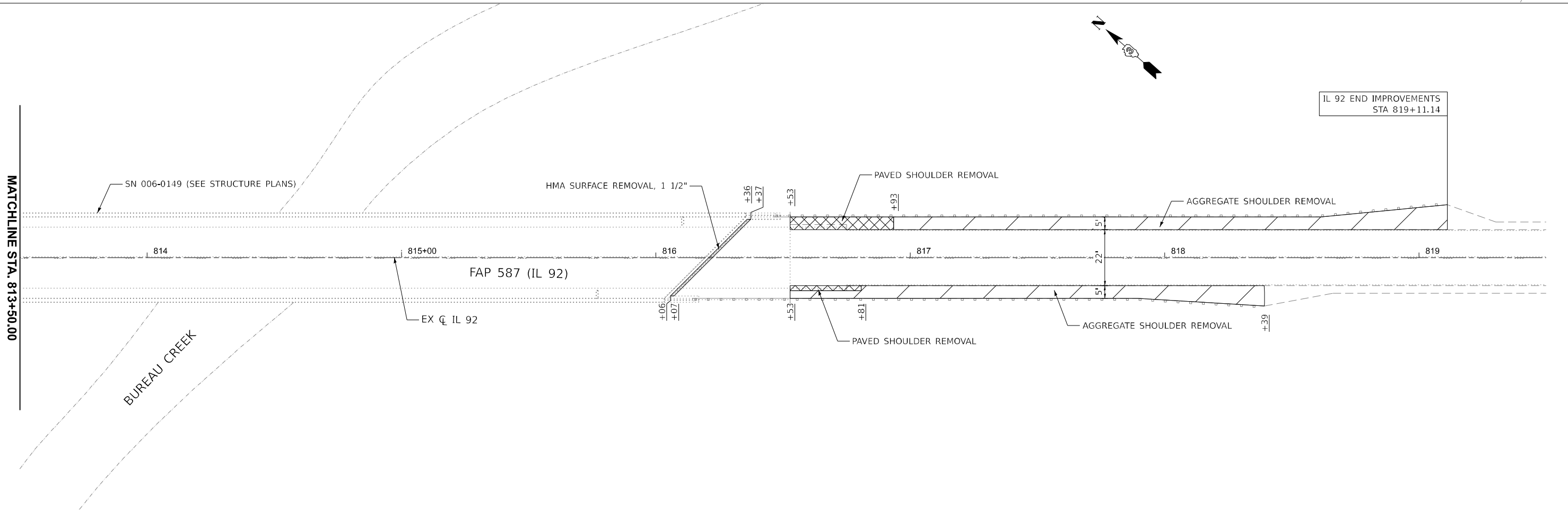
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	9
CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND

-  AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
-  HMA SURFACE REMOVAL, 1 1/2"
-  PAVED SHOULDER REMOVAL



MODEL: EXCL - Removal.dwg (1 Sheet)
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LIN ENGINEERING, LTD.
 Consulting Engineers
 Westmont, Illinois

USER NAME = 14nho	DESIGNED - NH	REVISED -
DRAWN - NH	REVISIONS	
PLOT SCALE = 0.16666667' / in.	CHECKED - RC	REVISED -
PLOT DATE = 1/8/2026	DATE - 1/2026	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 92 OVER BUREAU CREEK
 REMOVAL PLAN**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 812+99.71 TO STA. 819+11.14

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	10
CONTRACT NO. 66R63			ILLINOIS FED. AID PROJECT	

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. MAINTENANCE OF TRAFFIC PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING THE EXECUTION OF THIS CONTRACT. THE CONTRACTOR MAY MODIFY THE MAINTENANCE OF TRAFFIC PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
2. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR ANY SHORT TERM PAVEMENT MARKINGS ON FINAL SURFACES.
3. ALL TRAFFIC CONTROL DEVICES SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS SPECIFIED IN THE TRAFFIC CONTROL SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
4. SEE STRUCTURAL PLANS FOR BRIDGE REPAIR INFORMATION.
5. ALL EXISTING AND TEMPORARY PAVEMENT MARKINGS FROM PRIOR STAGES THAT ARE IN CONFLICT SHALL BE REMOVED.
6. EXISTING RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS THAT CONFLICT WITH THE REVISED TRAFFIC PATTERNS, SHALL BE REMOVED FROM THE EXISTING CASINGS LOCATED IN THE PAVEMENT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL.

SUGGESTED SEQUENCE OF OPERATIONS

PRE-STAGE

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES, TEMPORARY SIGNAGE & TEMPORARY PAVEMENT MARKINGS TO CLOSE THE EB & WB IL-92 OUTSIDE SHOULDERS UTILIZING HIGHWAY STANDARD 701306. WORK SHALL BE PERFORMED FROM ONE SIDE OF THE ROAD AT A TIME.
2. REMOVE EXISTING PAVED SHOULDER AND AGGREGATE SHOULDER ALONG THE OUTSIDE OF EB & WB IL-92 AS SHOWN ON THE REMOVAL PLANS. WORK SHALL BE PERFORMED FROM ONE SIDE OF THE ROAD AT A TIME.
3. CONSTRUCT PROPOSED HMA SHOULDER AND AGGREGATE SHOULDERS ALONG THE OUTSIDE OF EB & WB IL-92 AT LOCATIONS SHOWN IN THE ROADWAY PLANS. WORK SHALL BE PERFORMED FROM ONE SIDE OF THE ROAD AT A TIME.

STAGE 1

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES, TEMPORARY SIGNAGE, TEMPORARY CONCRETE BARRIER WALL AND DELINEATION, TEMPORARY IMPACT ATTENUATORS & TEMPORARY PAVEMENT MARKINGS TO CLOSE THE EB LANE OF IL-92 AS SHOWN IN THE STAGE 1 STAGING PLANS OR AS DIRECTED BY THE ENGINEER AND ACTIVATE TEMPORARY BRIDGE SIGNALS.
2. PERFORM THE STAGE 1 PORTION OF THE STRUCTURE REPAIRS AS SHOWN ON THE STRUCTURE PLANS.

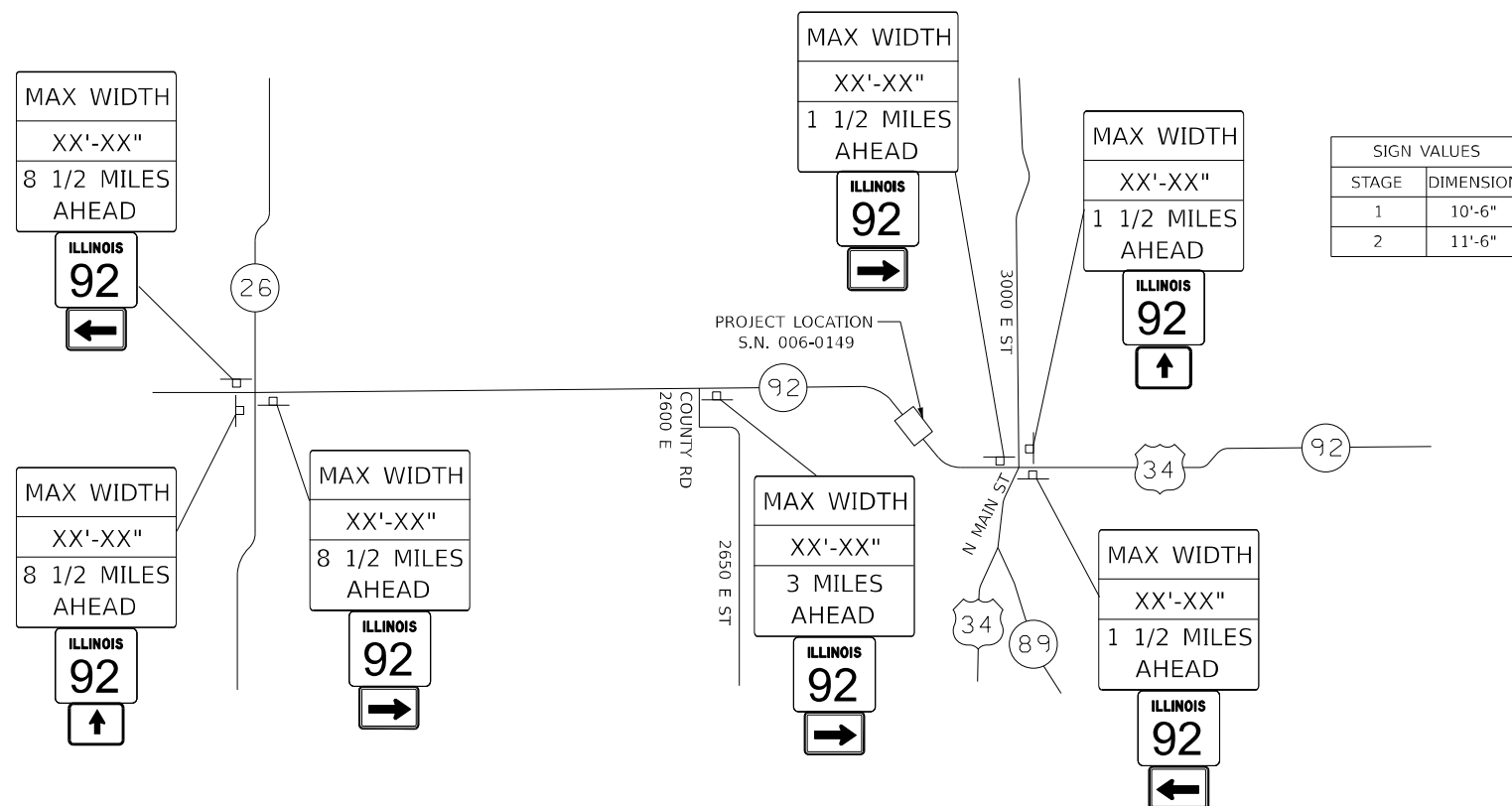
STAGE 2

1. RELOCATE TEMPORARY CONCRETE BARRIER, TEMPORARY IMPACT ATTENUATORS & PLACE TEMPORARY PAVEMENT MARKINGS TO CLOSE THE WB LANE OF IL-92 AS SHOWN IN THE STAGE 2 STAGING PLANS OR AS DIRECTED BY THE ENGINEER AND ACTIVATE TEMPORARY BRIDGE SIGNALS.
2. PERFORM THE STAGE 2 PORTION OF THE STRUCTURE REPAIRS AS SHOWN ON THE STRUCTURE PLANS.

POST-STAGE

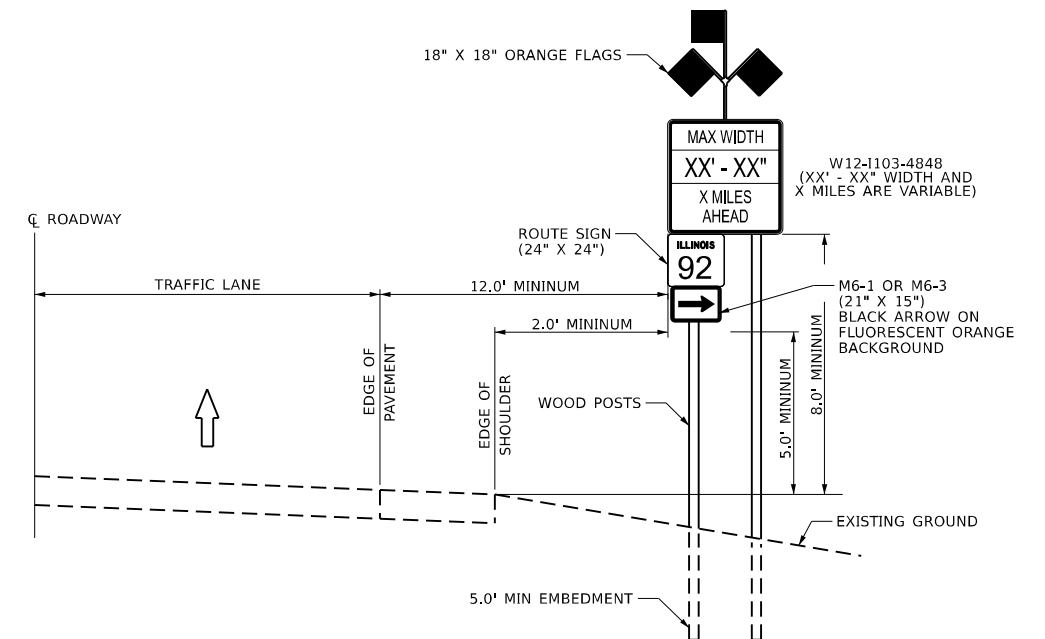
1. UTILIZE HIGHWAY STANDARDS 701301 AND 701311 TO PLACE FINAL PAVEMENT MARKINGS.

WIDTH RESTRICTION SIGNING DETAIL



SIGN VALUES	
STAGE	DIMENSION
1	10'-6"
2	11'-6"

WIDTH RESTRICTION SIGN CONVENTIONAL ROADWAYS



MODEL - General Notes (Sheet)
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Consulting Engineers
Westmont, Illinois

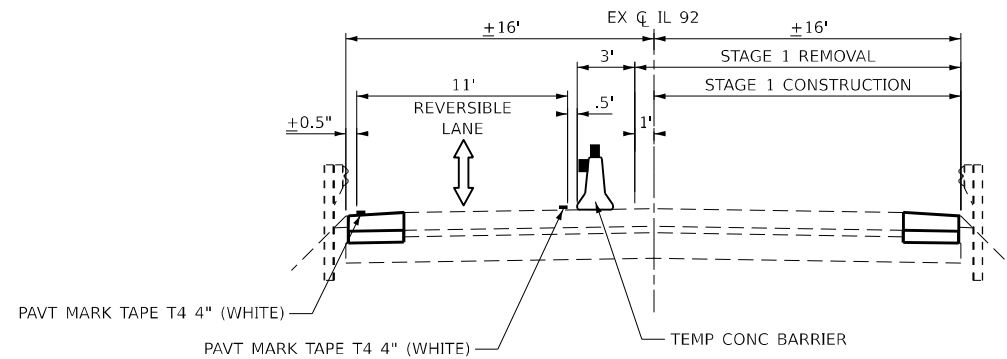
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 92 OVER BUREAU CREEK
STAGING GENERAL NOTES & SUGGESTED SEQUENCE

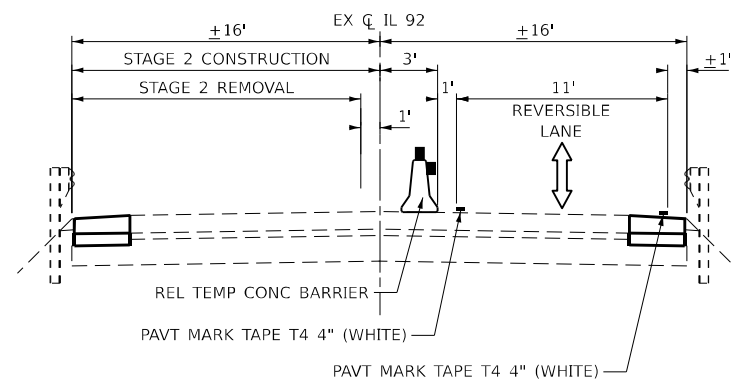
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	11
CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				



STAGE 1 TYPICAL SECTION

IL RTE 92 OVER BUREAU CREEK
LOOKING EAST



STAGE 2 TYPICAL SECTION

IL RTE 92 OVER BUREAU CREEK
LOOKING EAST

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



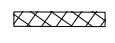
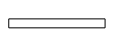




**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

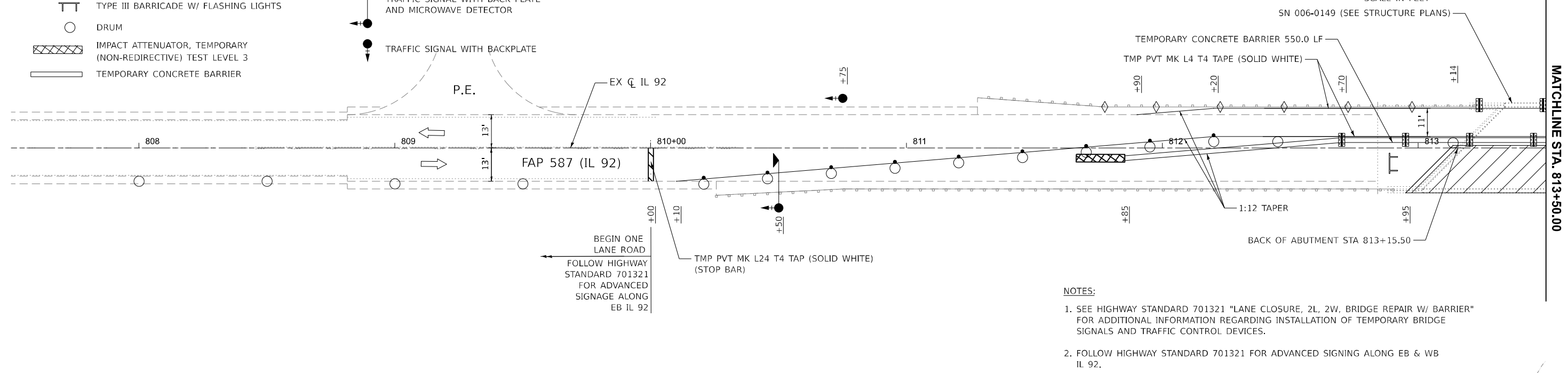
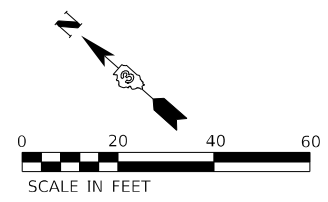
**IL 92 OVER BUREAU CREEK
STAGING TYPICAL SECTIONS**

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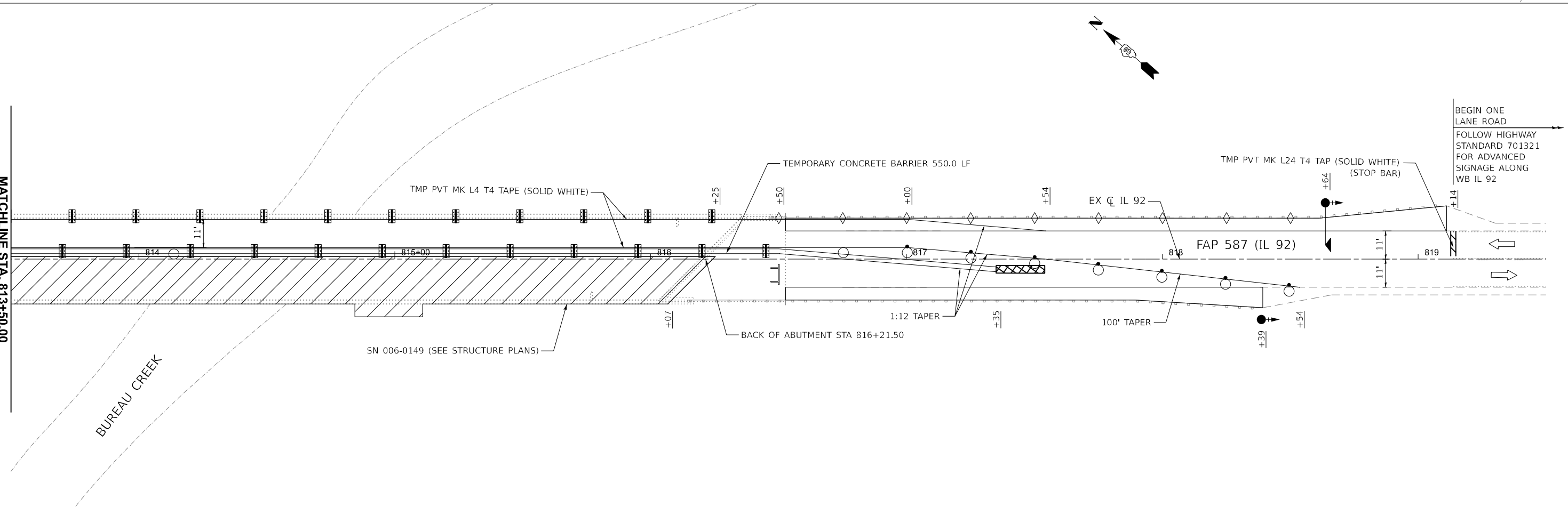
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587	(140C-BR)BRR	BUREAU	31	12
CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				

LEGEND

-  WORK ZONE
-  DIRECTION OF TRAFFIC
-  DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
-  TYPE III BARRICADE W/ FLASHING LIGHTS
-  DRUM
-  IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
-  TEMPORARY CONCRETE BARRIER
-  BARRIER WALL REFLECTOR, TYPE C (25' C-C)
-  CRYSTAL, BIDIRECTIONAL GUARDRAIL REFLECTORS (25' C-C)
-  TRAFFIC SIGNAL WITH BACK PLATE AND MICROWAVE DETECTOR
-  TRAFFIC SIGNAL WITH BACKPLATE



- NOTES:**
1. SEE HIGHWAY STANDARD 701321 "LANE CLOSURE, 2L, 2W, BRIDGE REPAIR W/ BARRIER" FOR ADDITIONAL INFORMATION REGARDING INSTALLATION OF TEMPORARY BRIDGE SIGNALS AND TRAFFIC CONTROL DEVICES.
 2. FOLLOW HIGHWAY STANDARD 701321 FOR ADVANCED SIGNING ALONG EB & WB IL 92.



MODEL: E:\CL - Plan 1 [Sheet]
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 Westmont, Illinois

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










**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

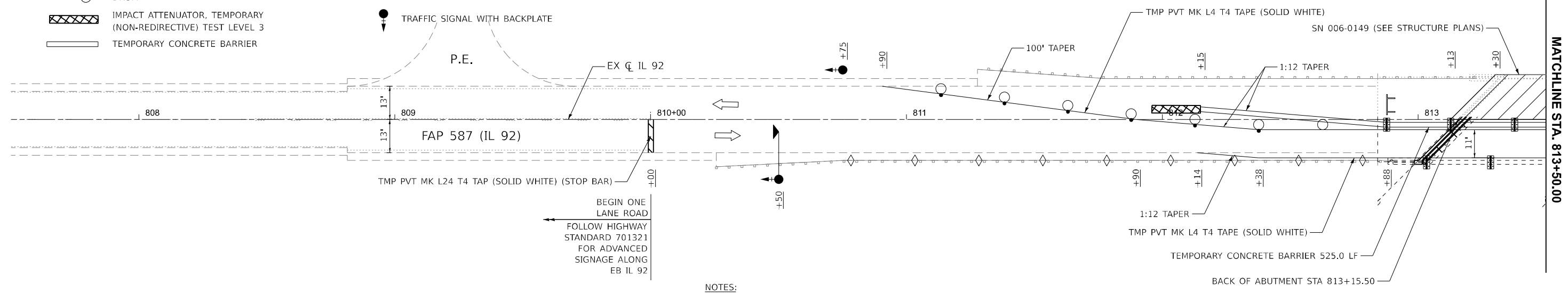
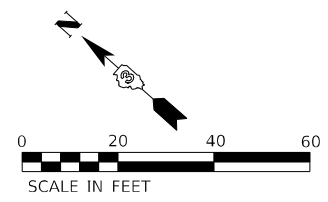
**IL 92 OVER BUREAU CREEK
 STAGING PLAN - STAGE I**

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 810+00.00 TO STA. 819+13.72

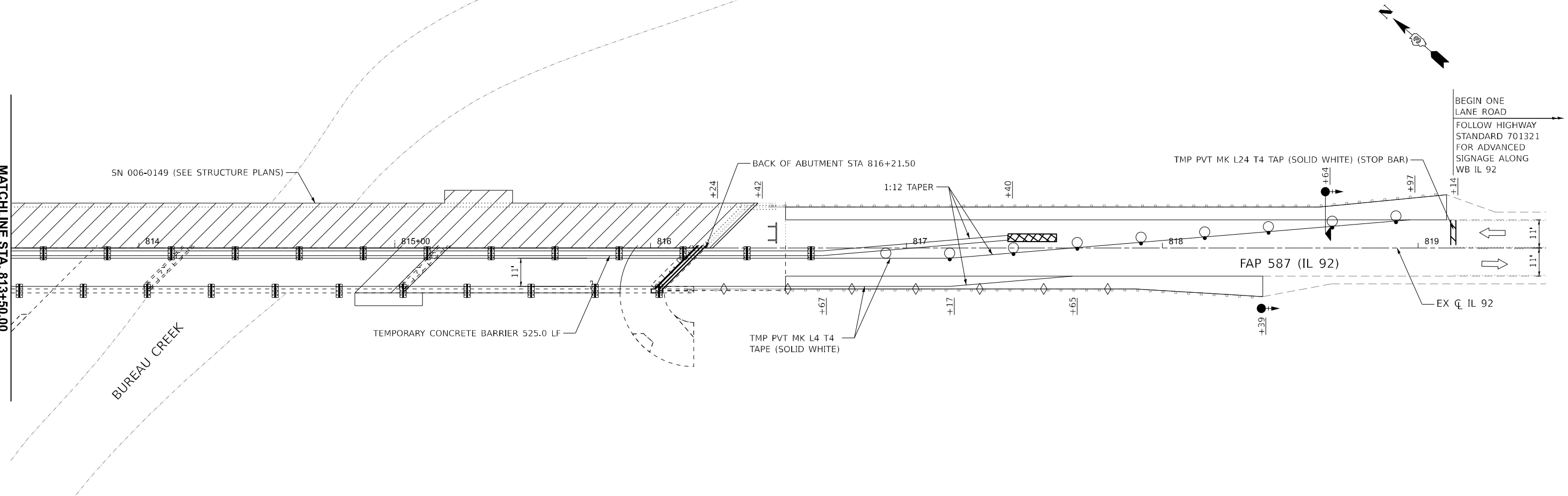
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	13
CONTRACT NO. 66R63				
		ILLINOIS FED. AID PROJECT		

LEGEND

-  WORK ZONE
-  DIRECTION OF TRAFFIC
-  DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
-  TYPE III BARRICADE W/ FLASHING LIGHTS
-  DRUM
-  IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
-  TEMPORARY CONCRETE BARRIER
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-  TRAFFIC SIGNAL WITH BACK PLATE AND MICROWAVE DETECTOR
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- NOTES:**
- SEE HIGHWAY STANDARD 701321 "LANE CLOSURE, 2L, 2W, BRIDGE REPAIR W/ BARRIER" FOR ADDITIONAL INFORMATION REGARDING INSTALLATION OF TEMPORARY BRIDGE SIGNALS AND TRAFFIC CONTROL DEVICES.
 - FOLLOW HIGHWAY STANDARD 701321 FOR ADVANCED SIGNING ALONG EB & WB IL 92.



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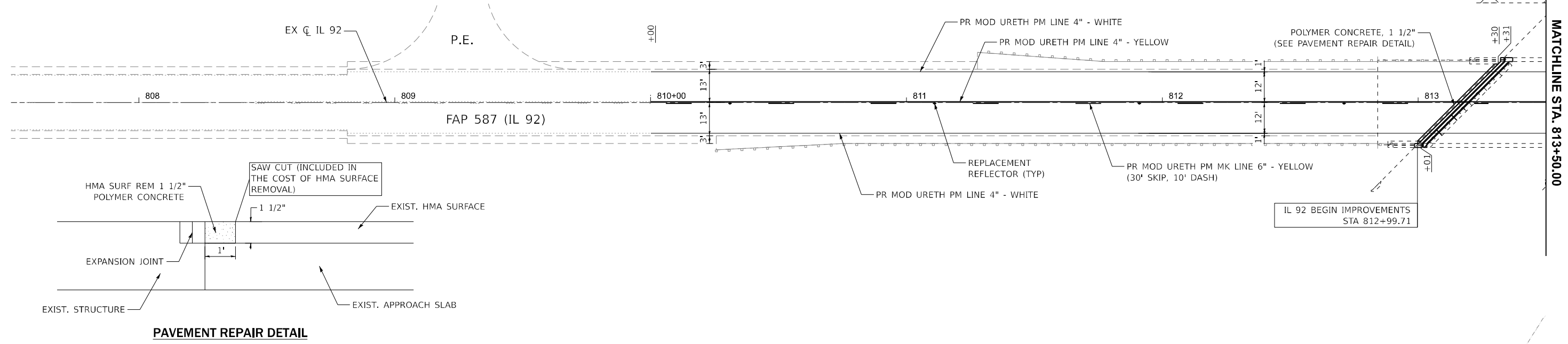
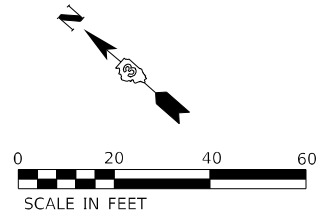
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	DATE - 1/2026	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

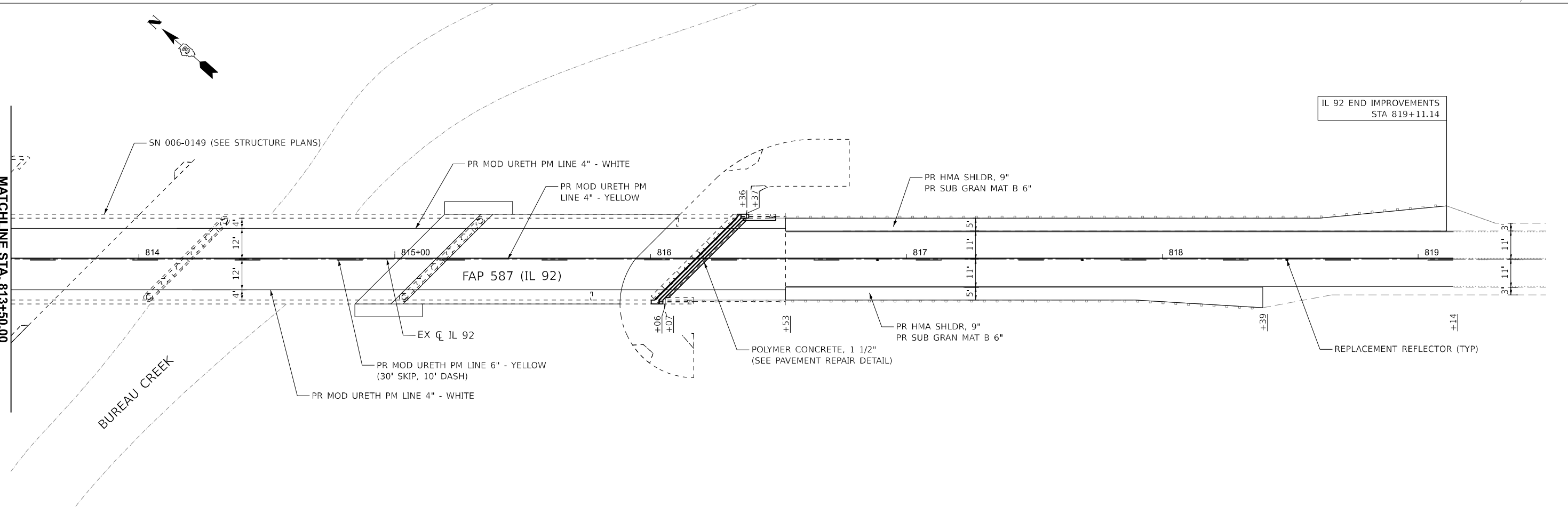
**IL 92 OVER BUREAU CREEK
 STAGING PLAN - STAGE II**

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 810+00.00 TO STA. 819+13.72

F.A.P. RTE. 587	SECTION (140C-BR)BRR	COUNTY BUREAU	TOTAL SHEETS 31	SHEET NO. 14
CONTRACT NO. 66R63			ILLINOIS FED. AID PROJECT	



PAVEMENT REPAIR DETAIL



MODEL: Excl - Plan 1 (Sheet)
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DESIGNED - NH
 DRAWN - NH
 CHECKED - RC
 DATE - 1/2026

REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 92 OVER BUREAU CREEK
ROADWAY PLAN

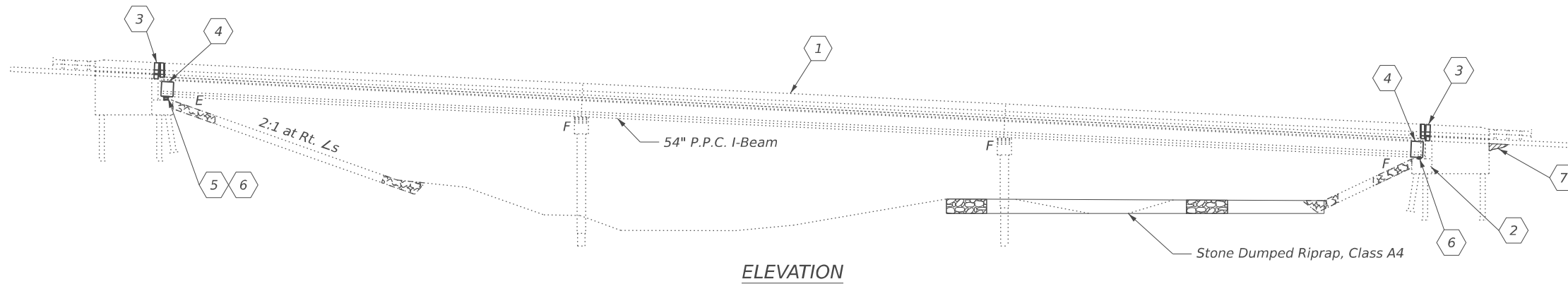
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	15
CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				

Existing Structure: S.N. 006-0149 (FAP 587, Section 140C-BR) was originally built in 1990. The structure is 35'-2" wide out-to-out of deck. It is a 3-span continuous structure with 54" P.P.C. I-beams and 7½" thick reinforced concrete composite deck. The substructures consist of concrete encased pile bent piers and pile-supported stub abutments. The west abutment has 4" neoprene expansion joint and the east abutment has 1¾" P.J.S. fixed joint. Proposed repairs to be performed using stage construction.

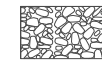
SCOPE OF WORK: (See  in Plan & Elevation)

1. Perform partial depth deck and approach slab repairs, as well as concrete repairs on parapets.
2. Perform concrete repairs on south end of east abutment.
3. Replace existing expansion joints at both abutments with preformed joint strip seal joints.
4. Perform fiber wrap repairs at select P.P.C. beam ends.
5. Replace bearing retainers & anchor bolts at select locations.
6. Clean & paint all bearings at both abutments.
7. Fill void under south shoulder of east approach slab with CLSM or Grout.
8. Place riprap under the eastern most span and around Pier 2.
9. Clean existing scuppers & downspouts.

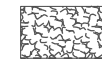


ELEVATION

LEGEND



Stone Dumped Riprap, Class A4



Existing Riprap

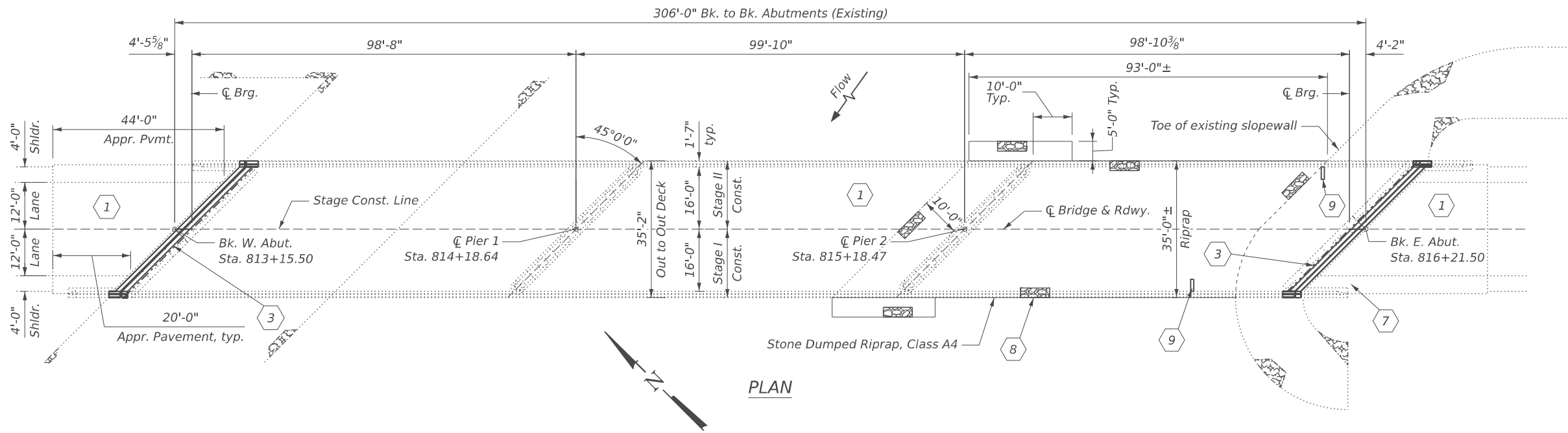
DESIGN STRESSES

FIELD UNITS

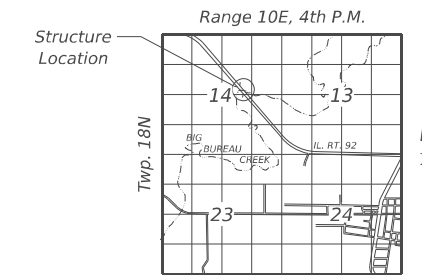
New Construction
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 $f_y = 60,000$ psi (Reinf.)

Existing Structure
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinf.)

Precast Prestressed Units
 $f'_c = 5,000$ psi
 $f'_ci = 4,000$ psi
 $f_s = 270,000$ psi (½" Ø Strands)
 $f_{si} = 189,000$ psi (½" Ø Strands)



PLAN



LOCATION SKETCH

INDEX OF SHEETS

- | | |
|---|---|
| S-1. General Plan & Elevation | S-8. Expansion Joint Sections, Details, & Bar List |
| S-2. General Notes, Index of Sheets, & Total B.O.M. | S-9. Preformed Joint Strip Seal |
| S-3. Deck & Approach Slab Repair Details | S-10. Framing Plan Repairs |
| S-4. Parapet Repair Details | S-11. Retainer Details |
| S-5. As-Built Deck & Approach Slab Repair Details | S-12. Riprap Layout |
| S-6. Removal Details | S-13. Miscellaneous Repairs |
| S-7. Reconstruction Details | S-14. Bar Splicer Assembly and Mechanical Splicer Details |



Hemal Patel
 Date: 01/29/2026
 Expires: 11/30/2026

GENERAL PLAN & ELEVATION
IL RTE. 92 OVER BUREAU CREEK
FAP RTE. 587
SEC. (140C-BR) BRR
BUREAU COUNTY
STATION 814+68.50
STRUCTURE NO. 006-0149

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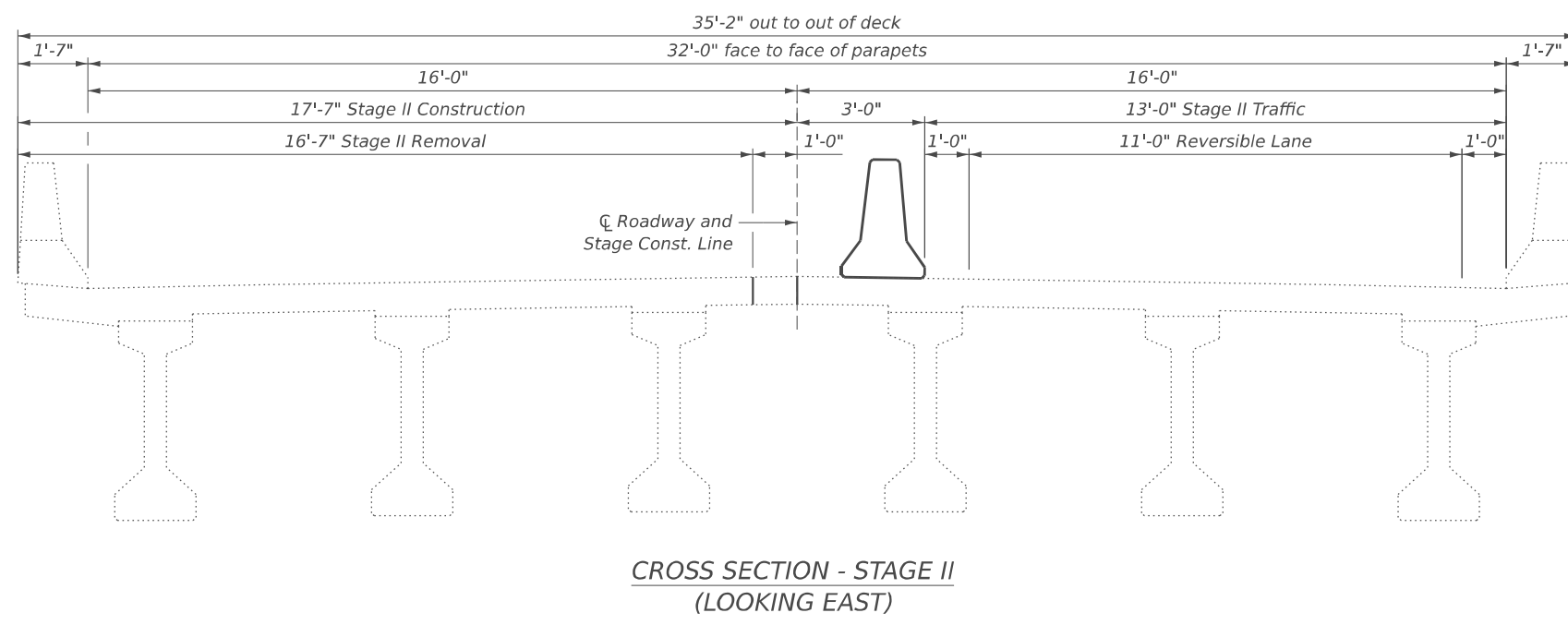
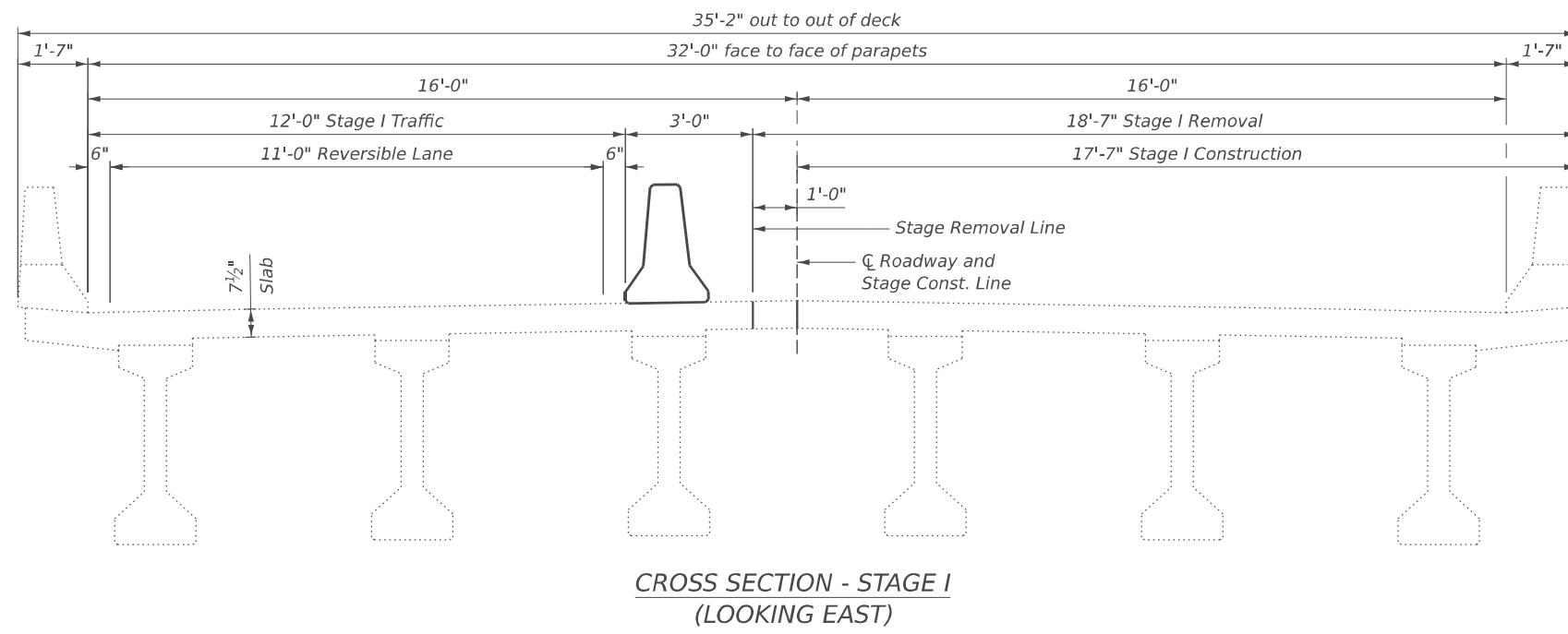
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
STRUCTURE NO. 006-0149

SHEET S-1 OF S-14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	16
CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				

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GENERAL NOTES

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

Reinforcement bars designated (E) shall be epoxy coated.

Protective Coat shall be applied to the finished surfaces of all new concrete areas and the deck and approach slab repairs.

The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.

Areas of deck and approach slab repairs are estimated. The actual repair areas shall be delineated by the Engineer in the field and show actual repair locations and limits in the as-built plans.

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

Cost of removal and disposal of existing expansion joints be included with the cost of Concrete Removal.

Expansion joints shall be fabricated to conform to the existing bridge cross slope.

The steel components of all expansion bearings at the abutments shall be blasted and painted according to the Special Provision "Cleaning and Painting Bearings". All bearings shall be cleaned per Near White Blast Cleaning (SSPC-SP10). The designated areas cleaned per Near White Blast Cleaning (SSPC-SP10) shall be painted according to the requirements of Organic Zinc-Rich Epoxy/Urethane. The color of the final finish coat for all steel surfaces shall be Gray, Munsell No. 5B 7/1.

Containment of cleaning residue is required to control nuisance dust. See special provisions.

The contractor shall field verify locations and dimensions of the replacement bearing retainers as indicated in sheet S-11.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Dumped Riprap, Class A4	Ton	-	286	286
Hot-Mix Asphalt Surface Removal, 1 1/2"	Sq. Yd.	10	-	10
Concrete Removal	Cu. Yd.	8.8	-	8.8
Concrete Superstructure	Cu. Yd.	8.5	-	8.5
Protective Coat	Sq. Yd.	27	-	27
Furnishing and Erecting Structural Steel	Pound	-	199	199
Reinforcement Bars, Epoxy Coated	Pound	1,480	-	1,480
Bar Splicers	Each	16	-	16
Preformed Joint Strip Seal	Foot	96	-	96
Anchor Bolts, 1"	Each	-	4	4
Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)	Sq. Ft.	55	7	62
Deck Slab Repair (Partial)	Sq. Yd.	78	-	78
Epoxy Crack Injection	Foot	12	-	12
Acrylic Coating	Sq. Yd.	12	-	12
Fiber Wrap	Sq. Ft.	85	-	85
Structural Steel Removal	Pound	-	72	72
Cleaning and Painting Bearings	Each	-	12	12
Cleaning Bridge Scuppers and Downspouts	Each	2	-	2
Controlled Low-Strength Material (Special)	Cu. Yd.	-	3.5	3.5
Approach Slab Repair (Partial Depth)	Sq. Yd.	1	-	1
Polymer Concrete	Cu. Ft.	14.3	-	14.3
Precast Prestressed Concrete I-Beam Repair	Sq. Ft.	22	-	22

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	DRAWN - DP	REVISED - ####
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, INDEX OF SHEETS, & TOTAL BOM
STRUCTURE NO. 006-0149**

SHEET S-2 OF S-14 SHEETS

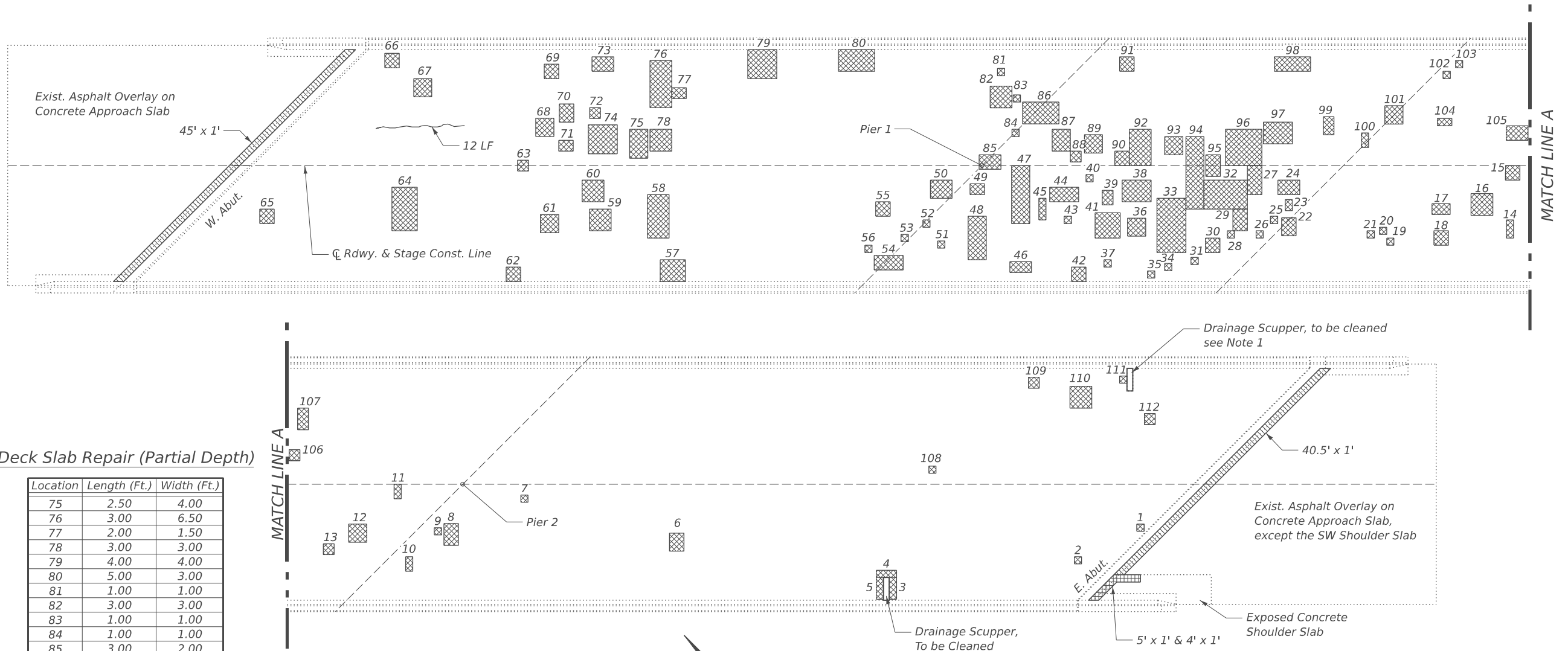
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	17
			CONTRACT NO. 66R63	
		ILLINOIS FED. AID PROJECT		

Deck Slab Repair (Partial)

Location	Length (Ft.)	Width (Ft.)
1	1.00	1.00
2	1.00	1.00
3	1.00	3.00
4	3.00	1.00
5	1.00	3.00
6	2.00	2.50
7	1.00	1.00
8	2.00	3.00
9	1.00	1.00
10	1.00	2.00
11	1.00	2.00
12	2.50	2.50
13	1.50	1.50
14	1.00	2.50
15	2.00	2.00
16	3.00	3.00
17	2.50	1.50
18	2.00	2.00
19	1.00	1.00
20	1.00	1.00
21	1.00	1.00
22	2.00	2.50
23	1.00	1.50
24	3.00	2.00
25	1.00	1.00
26	1.00	1.00
27	2.00	4.00
28	2.00	3.00
29	2.00	2.00
30	2.00	2.00
31	1.00	1.00
32	6.00	4.00
33	4.00	7.50
34	1.00	1.00
35	1.00	1.00
36	2.50	2.50
37	1.00	1.00
38	3.00	4.00
39	1.50	2.00
40	1.00	1.00
41	3.50	3.50
42	2.00	2.00
43	1.00	1.00
44	4.00	2.00
45	1.00	3.00
46	1.50	3.00
47	2.50	8.00
48	2.50	6.00
49	2.00	1.50
50	3.00	2.50
51	1.00	1.00
52	1.00	1.00
53	1.00	1.00
54	4.00	2.00
55	2.00	2.00
56	1.00	1.00
57	3.50	3.00
58	3.00	6.00
59	3.00	3.00
60	3.00	3.00
61	2.50	2.50
62	2.00	2.00
63	9.00	2.00
64	3.50	6.00
65	2.00	2.00
66	2.00	2.00
67	2.50	2.50
68	2.50	2.50
69	2.00	2.00
70	2.00	2.50
71	2.00	2.50
72	1.50	1.50
73	3.00	2.00
74	4.00	4.00

Deck Slab Repair (Partial Depth)

Location	Length (Ft.)	Width (Ft.)
75	2.50	4.00
76	3.00	6.50
77	2.00	1.50
78	3.00	3.00
79	4.00	4.00
80	5.00	3.00
81	1.00	1.00
82	3.00	3.00
83	1.00	1.00
84	1.00	1.00
85	3.00	2.00
86	5.00	3.00
87	2.50	3.00
88	1.50	1.50
89	2.50	2.50
90	2.00	2.00
91	2.00	2.00
92	3.00	5.00
93	2.50	2.50
94	2.50	10.00
95	2.00	3.00
96	5.00	5.00
97	4.00	3.00
98	5.00	2.00
99	1.50	2.50
100	1.00	2.00
101	2.50	2.50
102	1.00	1.00
103	1.00	1.00
104	2.00	1.00
105	3.00	2.00
106	1.50	1.50
107	1.50	3.00
108	1.00	1.00
109	1.50	1.50
110	3.00	3.00
111	1.00	1.00
112	1.50	1.50



PLAN

LEGEND

- Approach Slab Repair (Partial Depth)
- Deck Slab Repair (Partial)
- Remove Hot-Mix Asphalt Overlay (2"± thick) & Replace with Polymer Concrete
- Epoxy Crack Injection

BILL OF MATERIAL

Item	Unit	Total
Approach Slab Repair (Partial Depth)	Sq. Yd.	1
Deck Slab Repair (Partial)	Sq. Yd.	78
Epoxy Crack Injection	Foot	12
Hot-Mix Asphalt Surface Removal, 1 1/2"	Sq. Yd.	10
Polymer Concrete	Cu. Ft.	14.3
Cleaning Bridge Scuppers and Downspouts	Each	2

Notes:
 1. The grates, scuppers, and downspouts shall be cleaned after removing the grates. Contractor shall ensure that no damage is done to existing grates to be reused. Cost of all labor and materials necessary to remove existing grates and reinstalling grates is included in the cost per unit each for Cleaning Bridge Scuppers and Downspouts pay item.

MODEL: Br Sheet Consultant
 FILE NAME: C:\Users\DanielPruchnick\10-4 Engineering - Documents\Projects\02-103-00 IDOT PTB 213-037 D3 Phase II V-V\600 CADD DESIGN\606 Structural\WC-2_C66R63\Sheet\Page 3_Deck & Approach Slab Plans.dgn



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PLOT SCALE = \$SCALE\$	DRAWN - DP	REVISED - ####
PLOT DATE = 1/19/2026	CHECKED - VP	REVISED - ####
	DATE - 01/29/2026	REVISED - ####

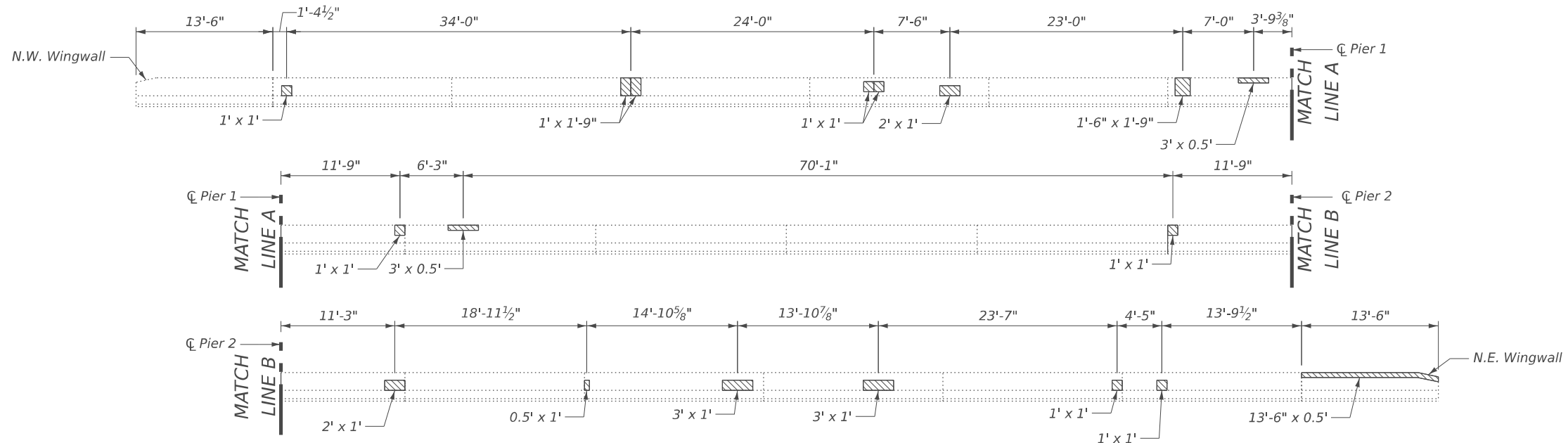
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DECK & APPROACH SLAB REPAIR DETAILS
 STRUCTURE NO. 006-0149

SHEET S-3 OF S-14 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	18
CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				

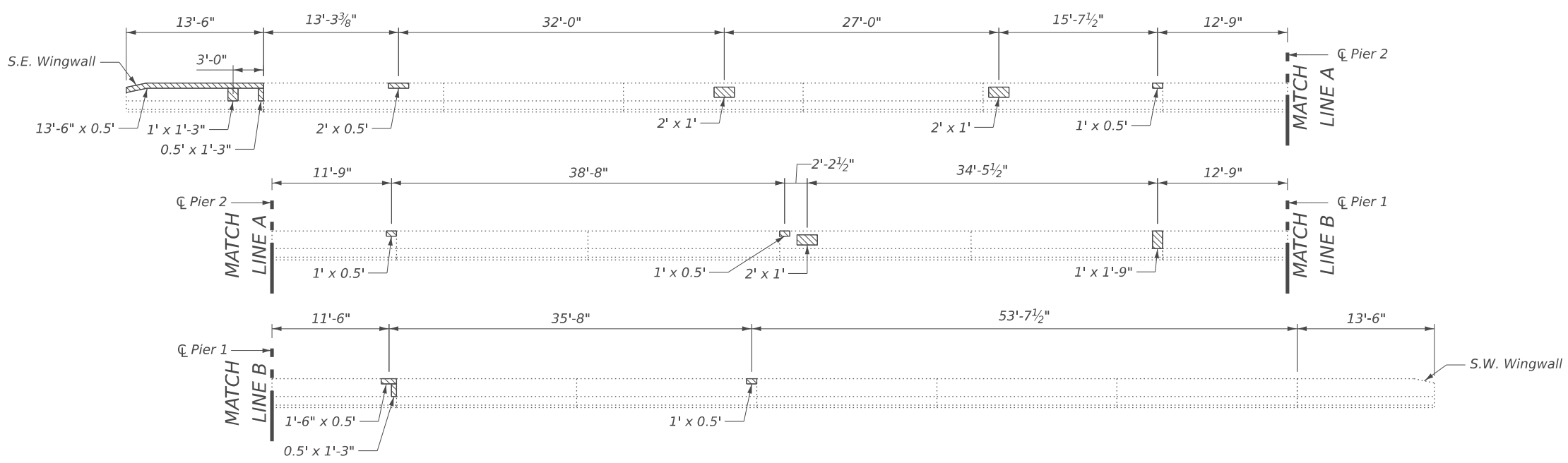
MODEL: Br Sheet Consultant
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**NORTH PARAPET ELEVATION
 (FACING NORTH)**

LEGEND

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



**SOUTH PARAPET ELEVATION
 (FACING SOUTH)**

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq. Ft.	55



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	DATE - 01/29/2026	REVISED - ####

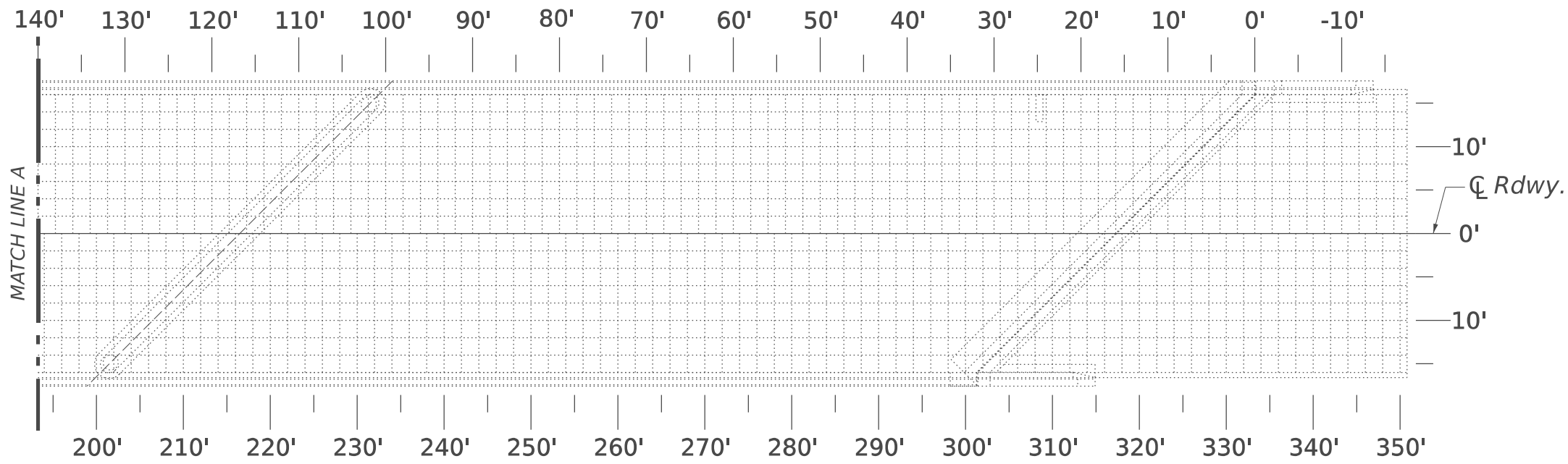
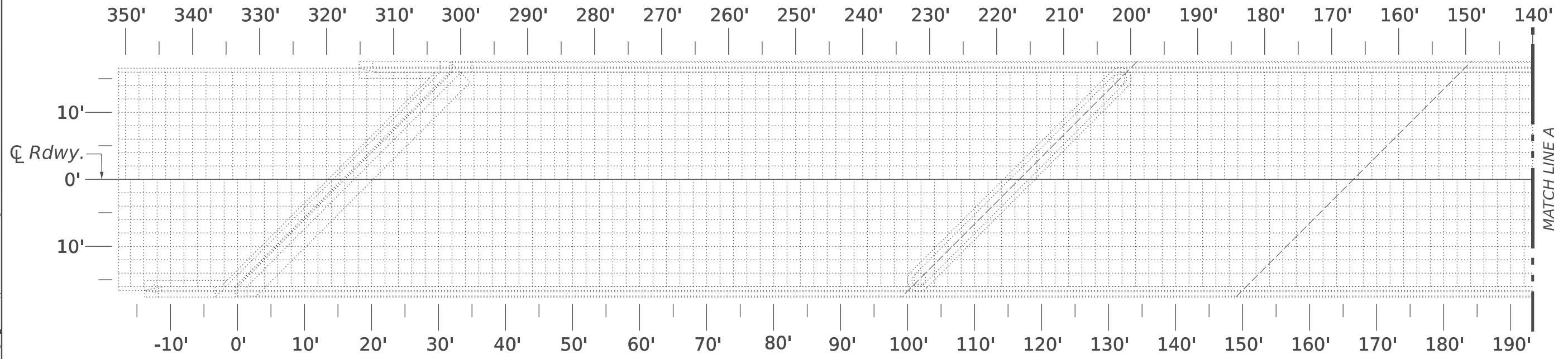
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PARAPET REPAIR DETAILS
 STRUCTURE NO. 006-0149**

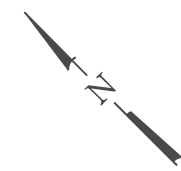
SHEET S-4 OF S-14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	19
CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				

MODEL: Br Sheet Consultant
 FILE NAME: C:\Users\DanielPruchnick\10-4 Engineering - Documents\Projects\02-103-00 IDOT PTB 213-037 D3 Phase II V-1600 CADD DESIGN\606 Structural\WC-2_C66R63\Sheet\Page 5_Deck & Approach Slab Crdlines.dgn



**"AS-BUILT" PLAN
 DECK & APPROACH REPAIRS**



Note:
 When all deck slab repairs have been completed, the Engineer shall record the actual deck slab repair locations and repair areas on this "As-Built" plan sheet. When all deck repairs have been shown on this detail, the "As-Built" deck slab repairs shall be submitted to the Bridge Office for their record.



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	DATE - 01/29/2026	REVISED - ####

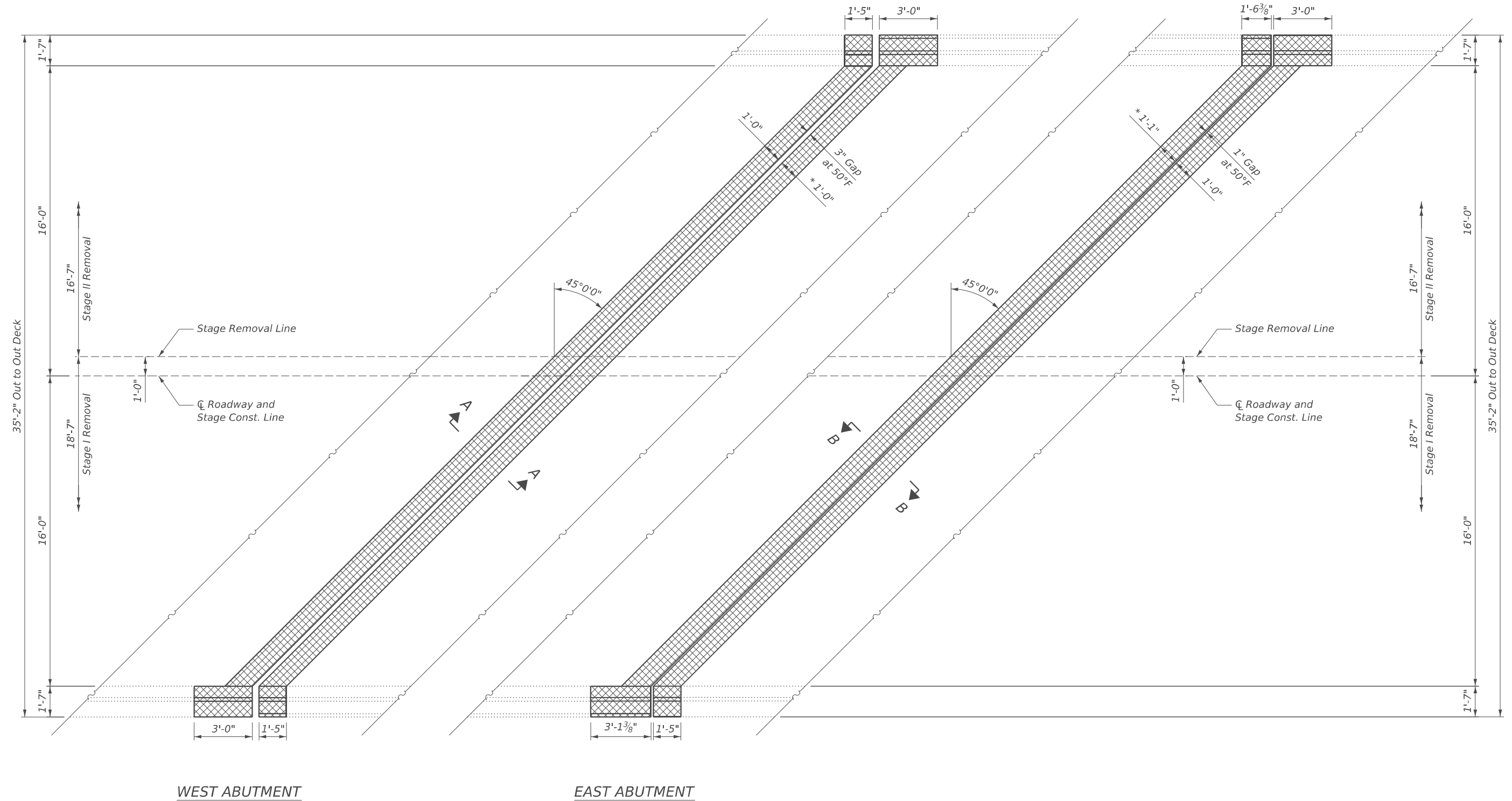
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**"AS-BUILT" DECK & APPROACH SLAB REPAIR DETAILS
 STRUCTURE NO. 006-0149**

SHEET S-5 OF S-14 SHEETS

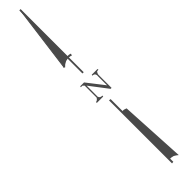
F.A.P. RTE. 587	SECTION (140C-BR)BRR	COUNTY BUREAU	TOTAL SHEETS 31	SHEET NO. 20
ILLINOIS			FED. AID PROJECT	

MODEL: Br Sheet Consultant
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WEST ABUTMENT

EAST ABUTMENT



LEGEND

Concrete Removal

(*) The noted deck removal dimension is for the proposed deck gap (in next sheet) based on a Rolled Rail Strip Seal Joint. If Contractor elects to use the Welded Rail Strip Seal Joint, deck removal dimensions may require adjustments to satisfy the details on Base Sheet S-9. See Preformed Joint Strip Seal sheet for more details.



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PLOT SCALE = \$SCALE\$	DRAWN - DP	REVISED - ####
PLOT DATE = 1/19/2026	CHECKED - VP	REVISED - ####
	DATE - 01/29/2026	REVISED - ####

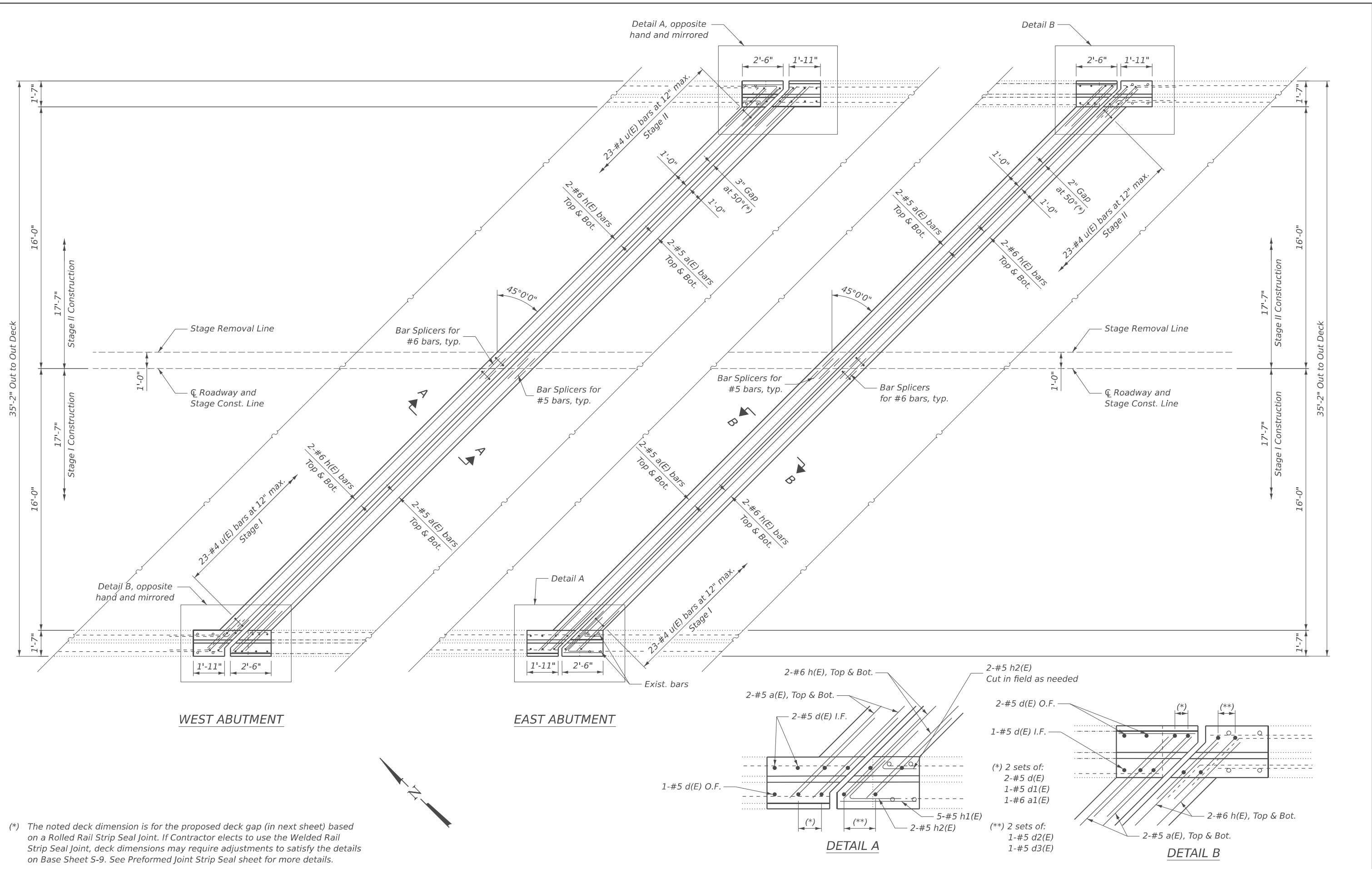
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL DETAILS
 STRUCTURE NO. 006-0149**

SHEET S-6 OF S-14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	21
CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				

MODEL: Br. Sheet, Consultant
 FILE NAME: C:\Users\DanielPruchnick\10-4_Engineering - Documents\Projects\02-103-00 IDOT PTB 213-037 D3 Phase II V1\600 CADD DESIGN\606 Structural\WO-2_C66R63\Sheet\Page 7_Expansion_Joint Replacement.dgn



(*) The noted deck dimension is for the proposed deck gap (in next sheet) based on a Rolled Rail Strip Seal Joint. If Contractor elects to use the Welded Rail Strip Seal Joint, deck dimensions may require adjustments to satisfy the details on Base Sheet S-9. See Preformed Joint Strip Seal sheet for more details.

USER NAME = DanielPruchnick	DESIGNED - HP	REVISED - ####
DRAWN - DP	REVISOR - ####	
PLOT SCALE = \$SCALE\$	CHECKED - VP	REVISED - ####
PLOT DATE = 1/28/2026	DATE - 01/29/2026	REVISED - ####

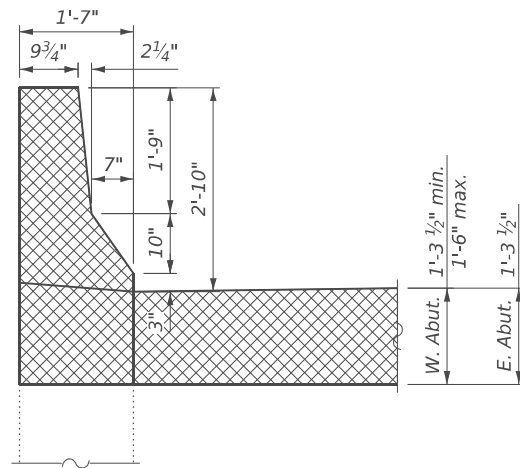
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RECONSTRUCTION DETAILS
 STRUCTURE NO. 006-0149**

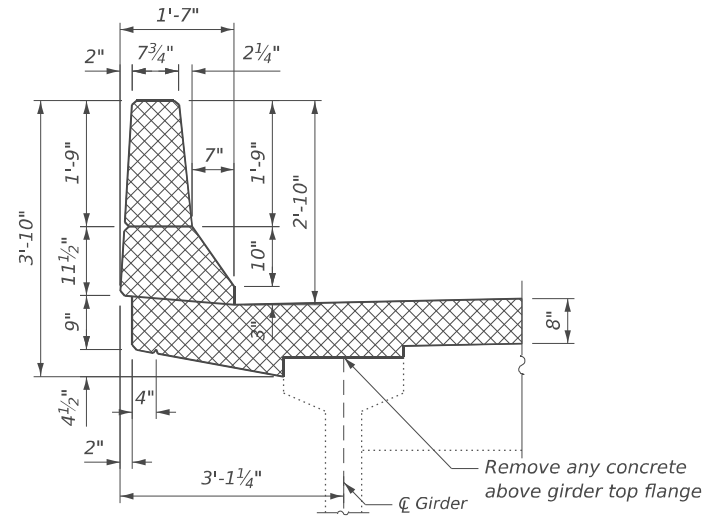
SHEET S-7 OF S-14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	22
CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				

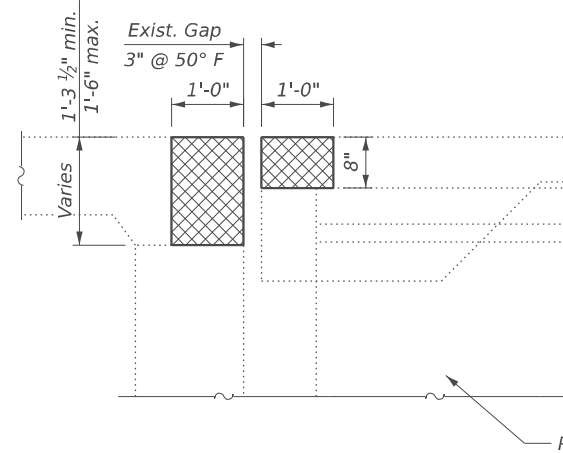
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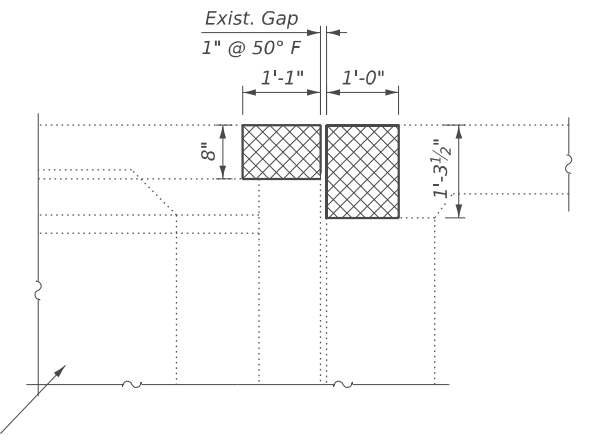
SECTION THRU WING WALL (REMOVAL)
 (West Abut. Shown, East Abut. similar)



SECTION THRU PARAPET (REMOVAL)
 (West Abut. Shown, East Abut. similar)

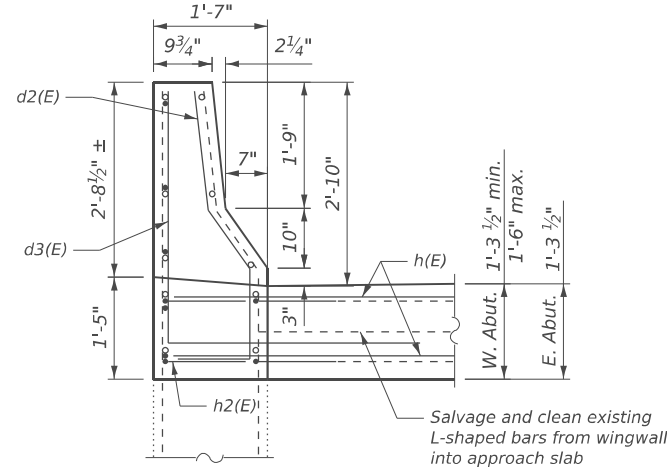


SECTION A-A
 (Removal at West Abutment)

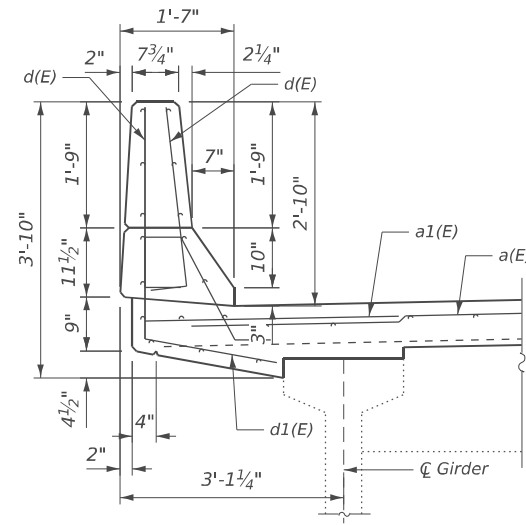


SECTION B-B
 (Removal at East Abutment)

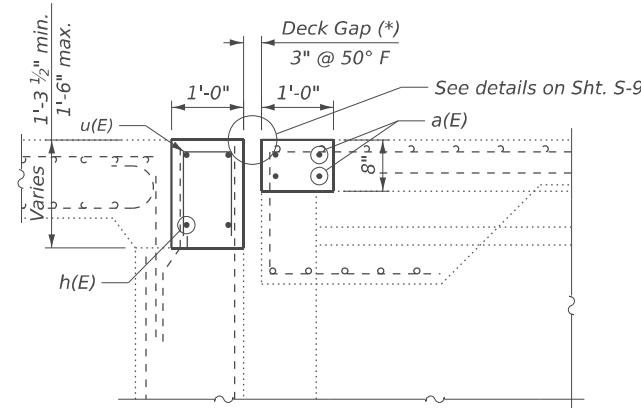
Note:
 Dimensions are at right angles to abutment unless otherwise noted.



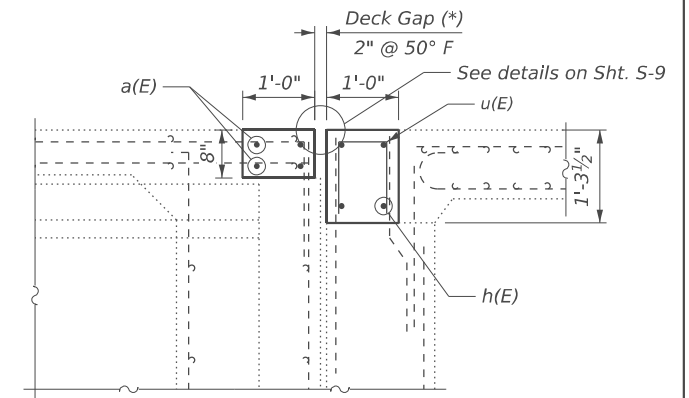
SECTION THRU WING WALL (RECONSTRUCTION)
 (West Abut. Shown, East Abut. similar)



SECTION THRU PARAPET (RECONSTRUCTION)
 (West Abut. Shown, East Abut. similar)



SECTION A-A
 (Replacement at West Abutment)



SECTION B-B
 (Replacement at East Abutment)

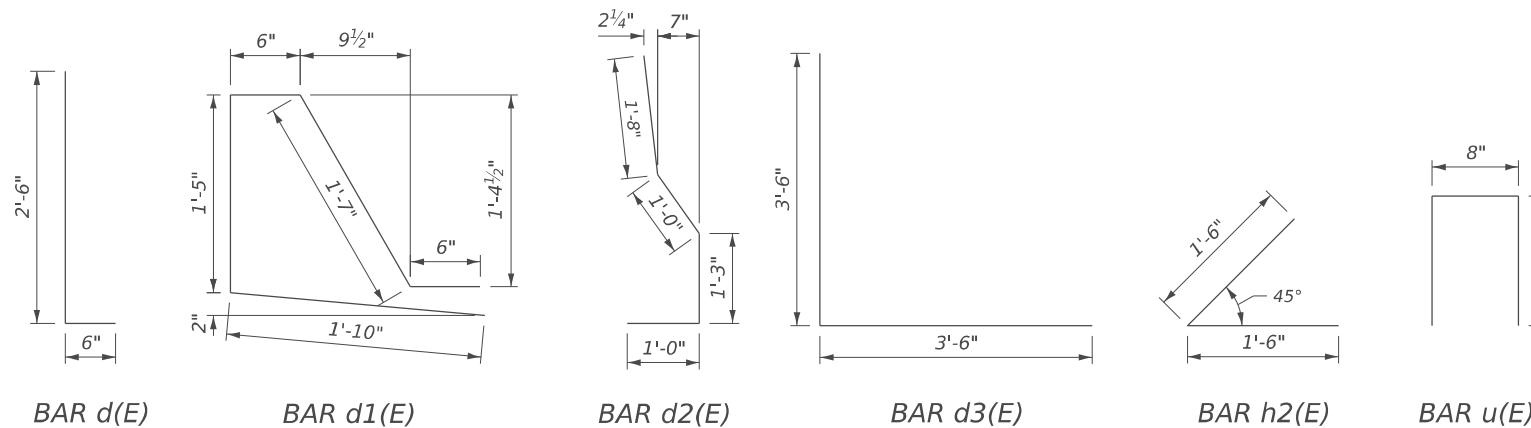
BAR LIST - BOTH ABUTMENTS

Bar	No.	Size	Length	Shape
a(E)	16	#5	23'-11"	▬
a1(E)	8	#6	5'-0"	▬
d(E)	28	#5	3'-0"	└┘
d1(E)	8	#5	5'-10"	└┘
d2(E)	8	#5	4'-11"	└┘
d3(E)	8	#5	7'-0"	└┘
h(E)	16	#6	24'-5"	▬
h1(E)	10	#4	2'-4"	▬
h2(E)	8	#4	3'-0"	└┘
u(E)	92	#4	2'-8"	▬

(*) Deck gap dimension noted is based on a Rolled Rail Strip Seal Joint. If Contractor elects to use the Welded Rail Strip Seal Joint, deck dimensions may require adjustments to satisfy the details on Base Sheet S-9. Please see Preformed Joint Strip Seal sheet for more details.

BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu. Yd.	8.8
Concrete Superstructure	Cu. Yd.	8.5
Protective Coat	Sq. Yd.	27
Reinforcement Bars, Epoxy Coated	Pound	1,480
Bar Splicers	Each	16



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	DATE - 01/29/2026	REVISED - ####

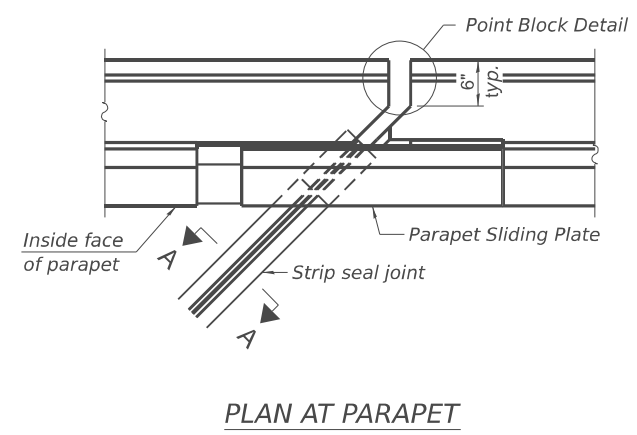
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXPANSION JOINT SECTIONS, DETAILS, & BAR LIST
 STRUCTURE NO. 006-0149**

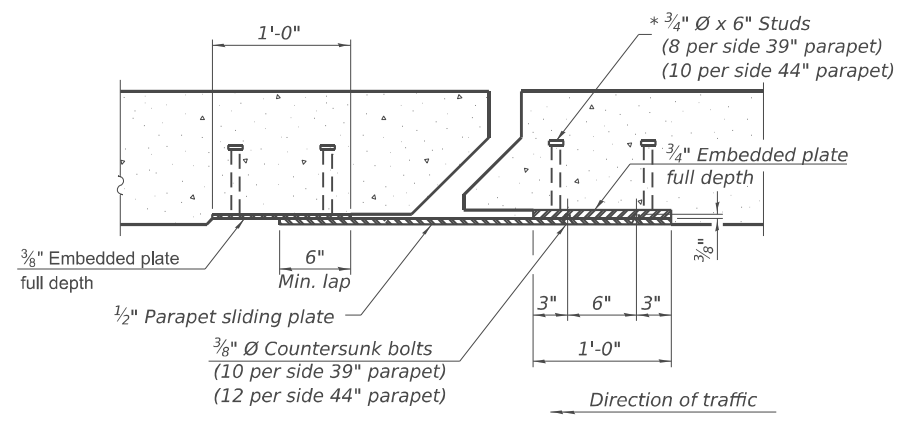
SHEET S-8 OF S-14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	23
CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				

MODEL: Br Sheet Consultant
 FILE NAME: C:\Users\DanielPruchnick\10-4 Engineering - Documents\Projects\02-103-00 IDOT PTB 213-037 D3 Phase II V-1600 CADD DESIGN\606 Structural\WC-2_C66R63\Sheet\Page 9_Prefomed Joint Seal Details.dgn

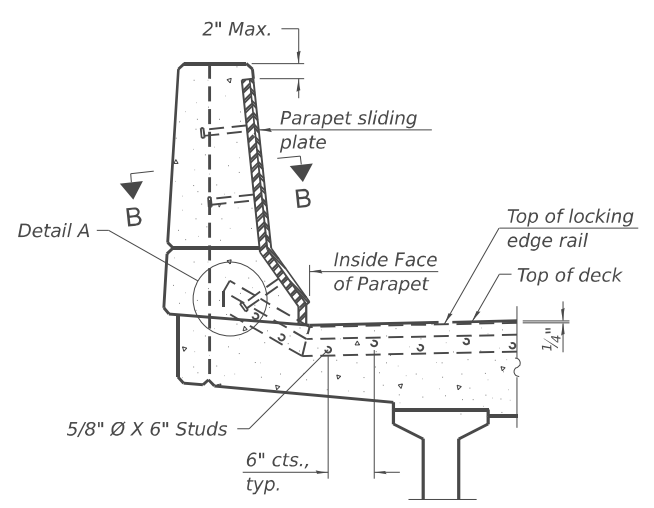


PLAN AT PARAPET

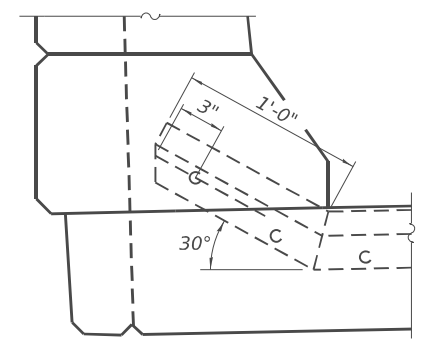


SECTION B-B

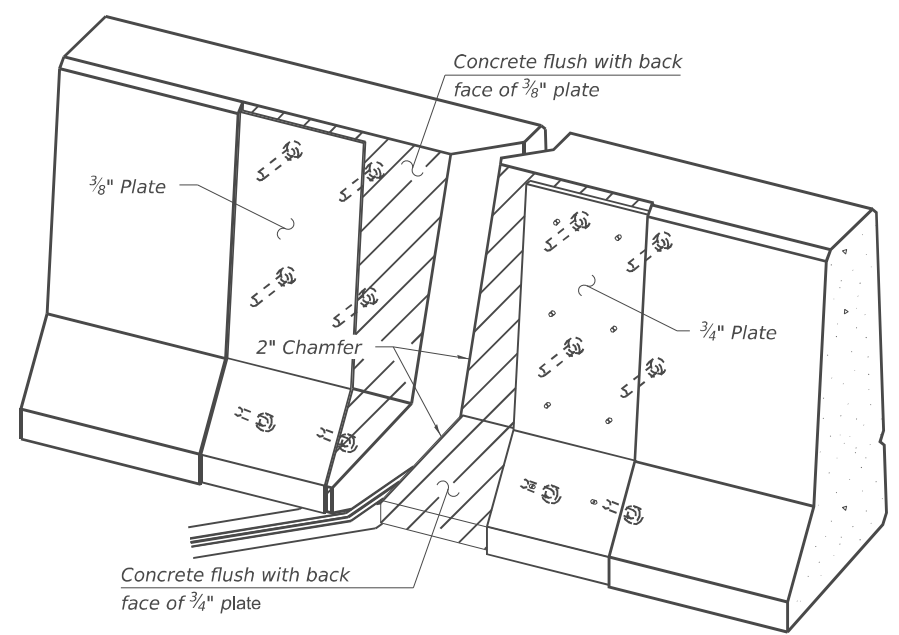
Notes:
 The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement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



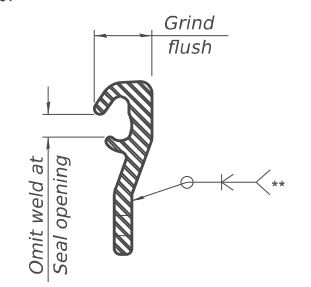
ELEVATION AT PARAPET



DETAIL A

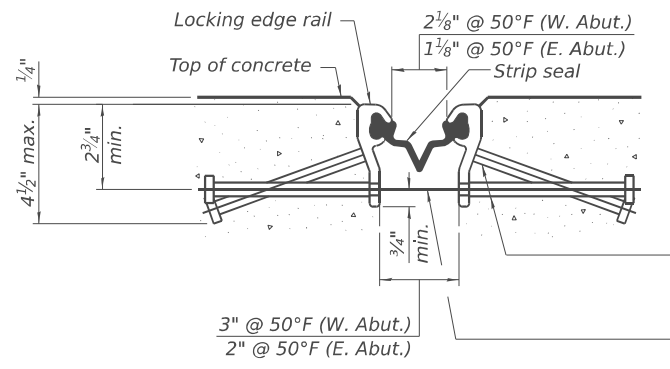


TRIMETRIC VIEW
 (Showing embedded plates only)



LOCKING EDGE RAIL SPLICE

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

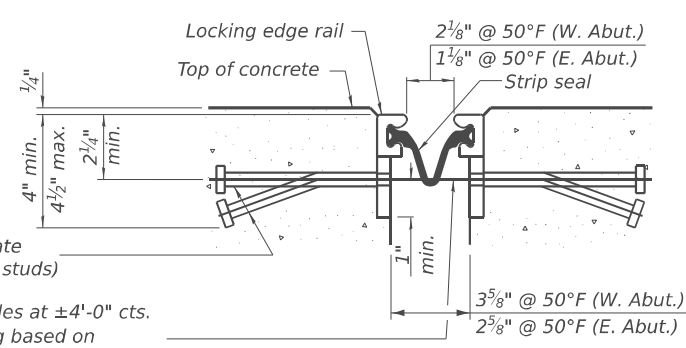


SHOWING ROLLED RAIL JOINT

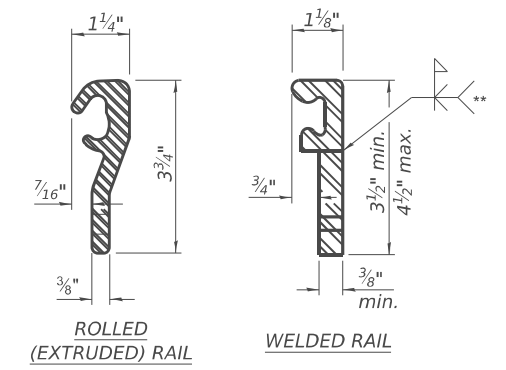
* 5/8" Ø X 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)
 3/8" Ø threaded rods in 3/16" Ø holes at ±4'-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

SECTION A-A

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



SHOWING WELDED RAIL JOINT



LOCKING EDGE RAILS

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

BILL OF MATERIAL

Item	Unit	Total
Prefomed Joint Strip Seal	Foot	96



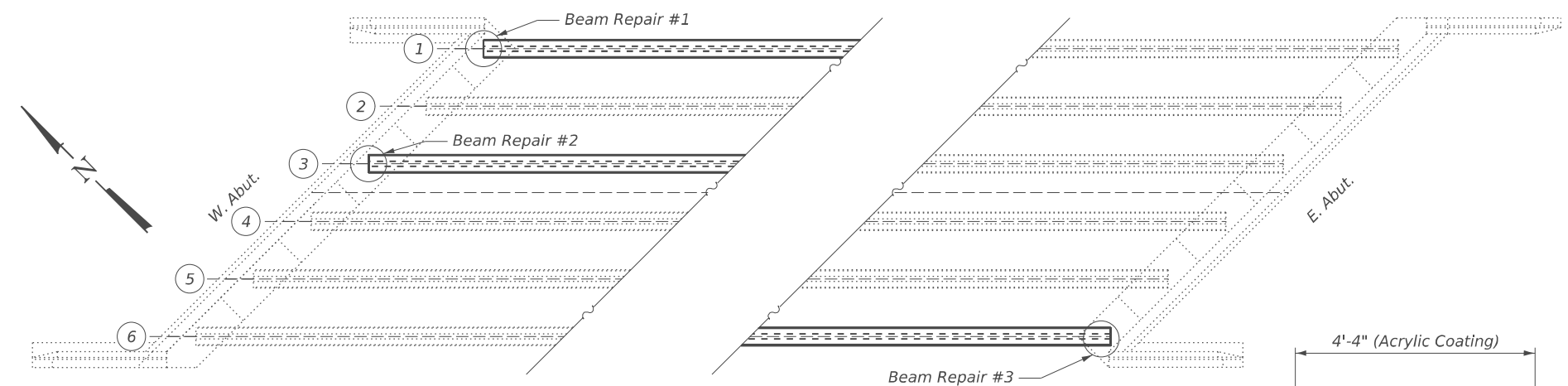
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PLOT SCALE = \$SCALES\$	DRAWN - DP	REVISED - ####
PLOT DATE = 1/19/2026	CHECKED - VP	REVISED - ####
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STATE OF ILLINOIS
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PREFORMED JOINT STRIP SEAL
 STRUCTURE NO. 006-0149

SHEET S-9 OF S-14 SHEETS

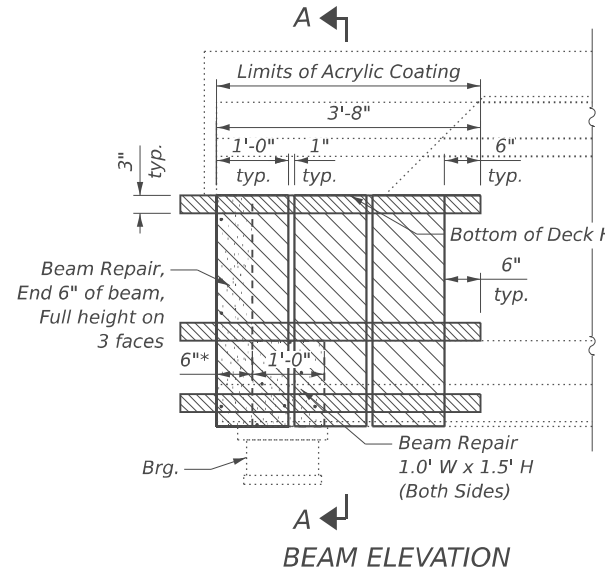
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	24
CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				



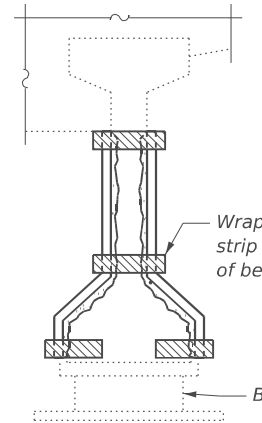
PARTIAL FRAMING PLAN

LEGEND

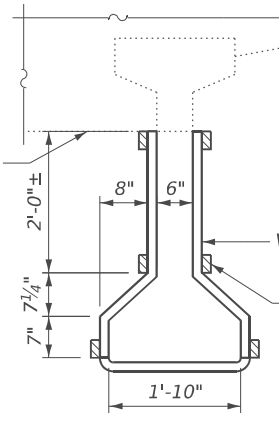
	P.P.C. I-Beam Repair
	Fiber Wrap-Panel
	Fiber Wrap Anchorage Strip



BEAM ELEVATION

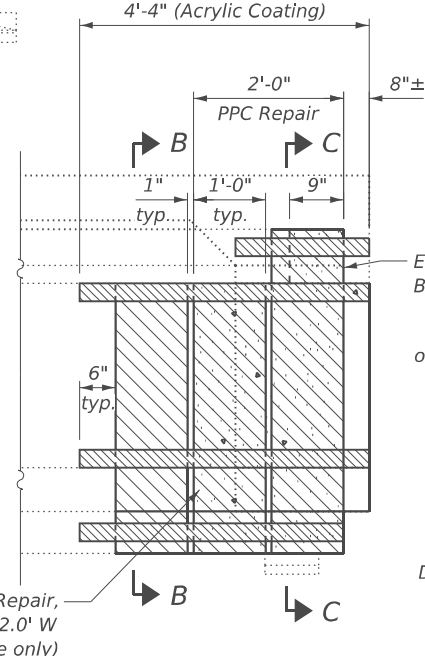


END VIEW

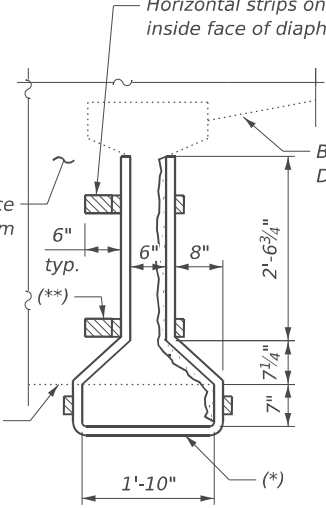


SECTION A-A

See Note 3

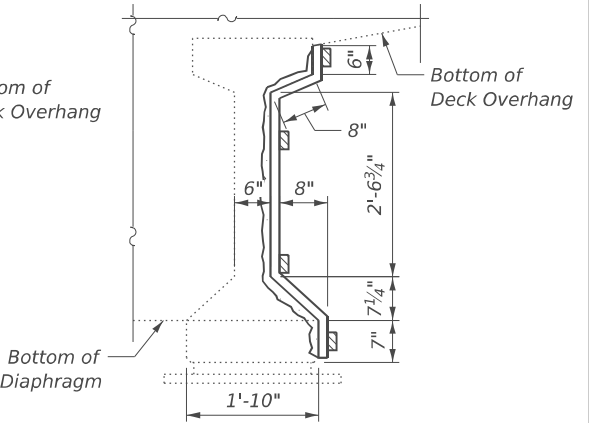


BEAM ELEVATION



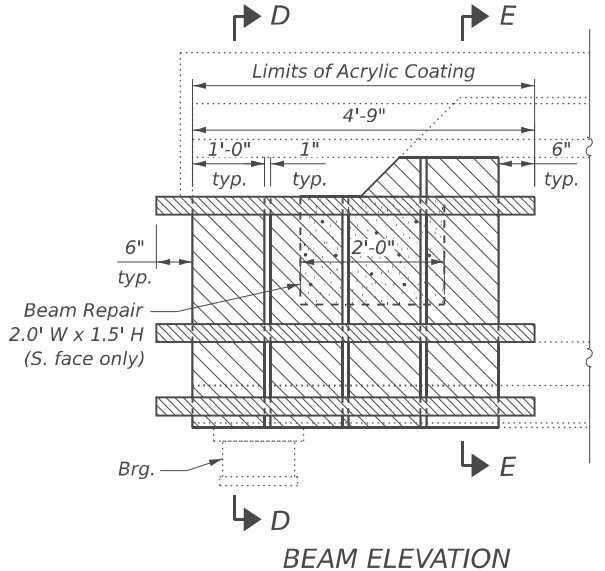
SECTION B-B

See Note 3

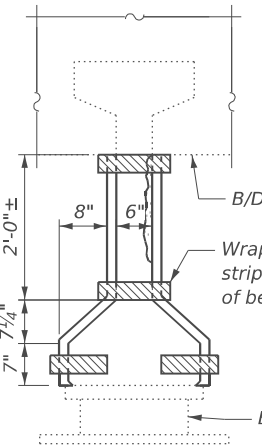


SECTION C-C

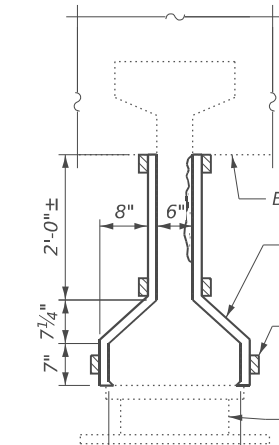
- (*) Vertical panel wrapped around the beam bottom, except at the bearing
- (**) Turn horizontal anchorage strip into inside face of end diaphragm



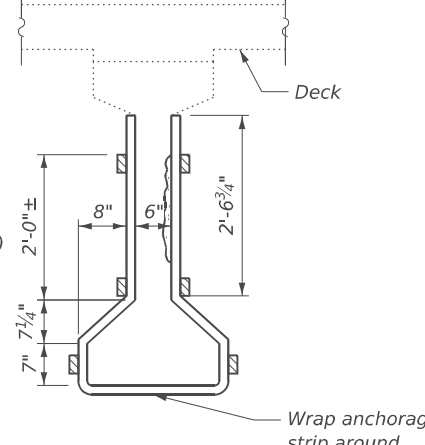
BEAM ELEVATION



END VIEW



SECTION D-D



SECTION E-E

See Note 3

BEAM REPAIR #2

- Notes:**
- "Two" coats of the acrylic coating shall be applied over fiber wrap repairs. See special provision for "Precast Prestressed Concrete I-Beam Repair".
 - I-Beam repair quantities are estimated. The engineer shall sound the beam ends at the time of construction to determine actual repair areas.
 - Outside of bearing, Acrylic Coating to be applied all around beam's full surface area, including underside of beam.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Acrylic Coating	Sq. Yd.	12
Fiber Wrap	Sq. Ft	85
Precast Prestressed Concrete I-Beam Repair	Sq. Ft	22

MODEL: Br Sheet Consultant
FILE NAME: C:\Users\DanielPruchnick\10-4 Engineering - Documents\Projects\02-103-00 IDOT PTB 213-037 D3 Phase II V-1600 CADD DESIGN\606 Structural\W0-2_C66R63\Sheet\Page 10 - Framing Plan Repairs.dgn



USER NAME = DanielPruchnick	DESIGNED - HP	REVISED - ####
PLOT SCALE = \$SCALE\$	DRAWN - DP	REVISED - ####
PLOT DATE = 1/19/2026	CHECKED - VP	REVISED - ####
	DATE - 01/29/2026	REVISED - ####

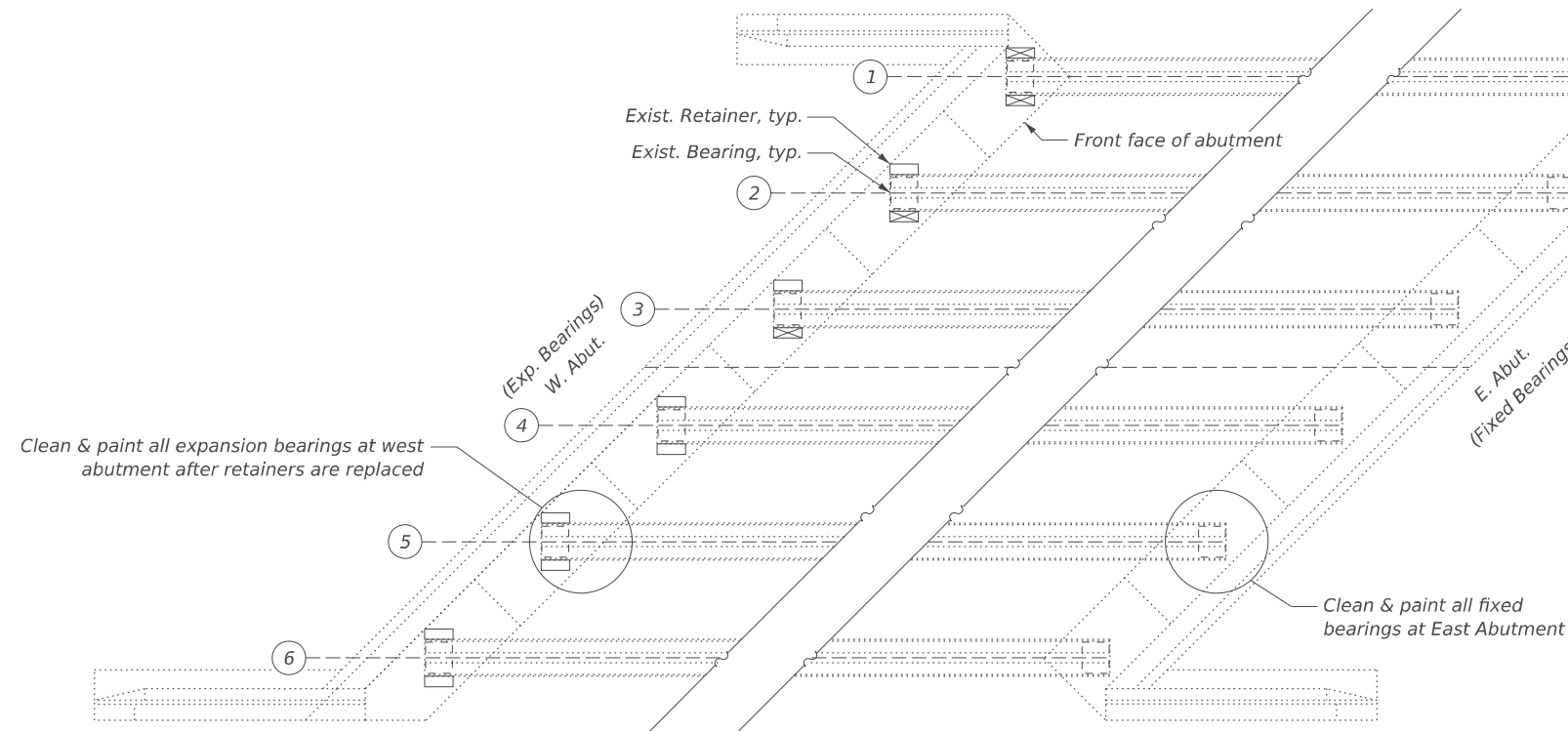
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FRAMING PLAN REPAIRS
STRUCTURE NO. 006-0149**

SHEET S-10 OF S-14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	25
CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				

MODEL: Br Sheet Consultant
 FILE NAME: C:\Users\DanielPruchnick\10-4 Engineering - Documents\Projects\02-103-00 IDOT PTB 213-037 D3 Phase II V-1600 CADD DESIGN\606 Structural\WC-2_C66R63\Sheet\Page 11_Retainer Details.dgn

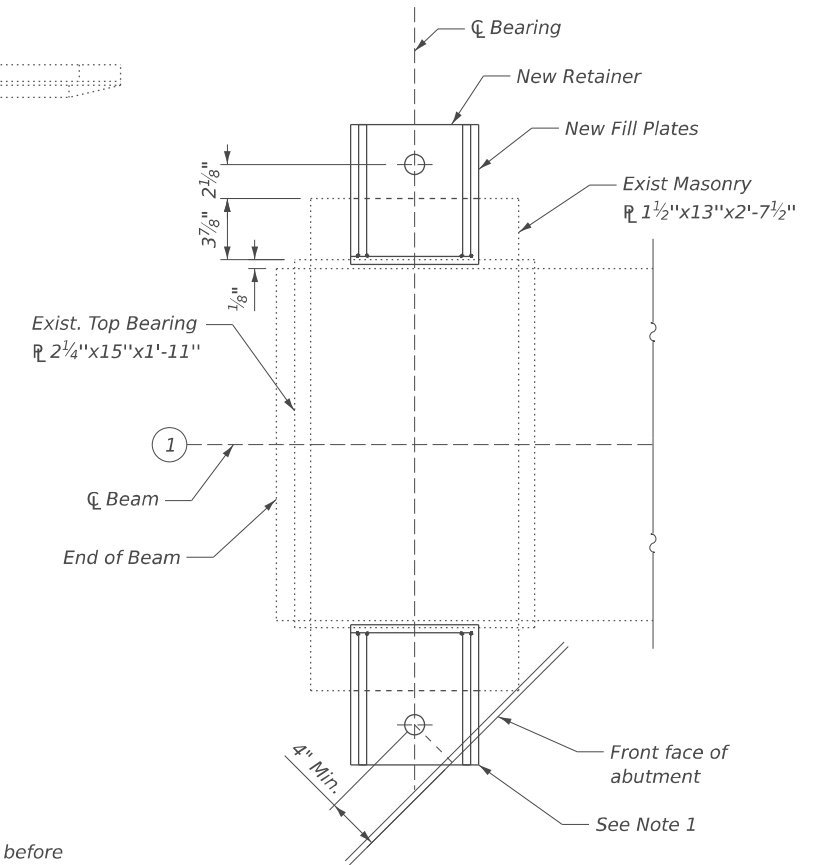


PARTIAL FRAMING PLAN

⊠ Replace Bearing Retainer

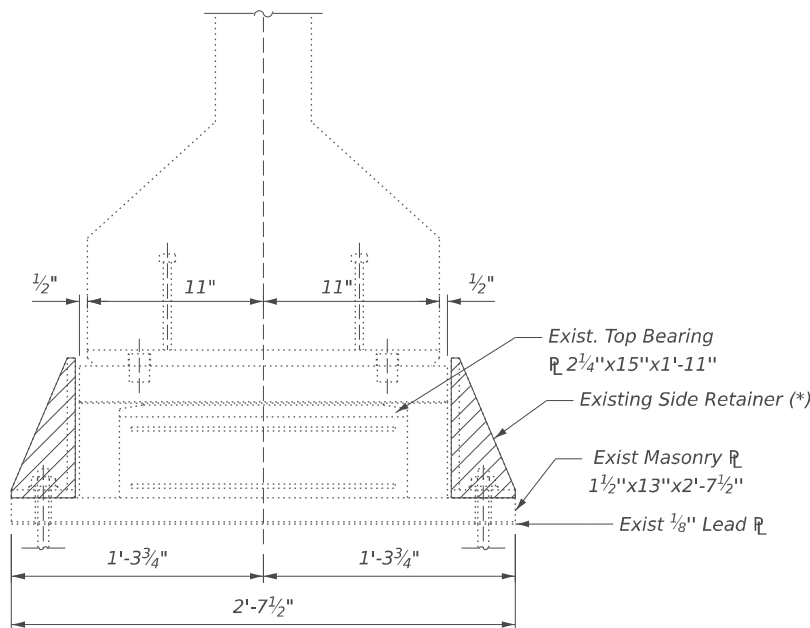
Note:

1. The contractor shall field verify dimensions before fabricating the retainers. The new anchor bolt shall be set back min. 4" from the face of abutment. Adjust the location of the retainer along the girder if/as necessary. The corner of the retainer may overhang beyond the face of abutment up to 1 inch.



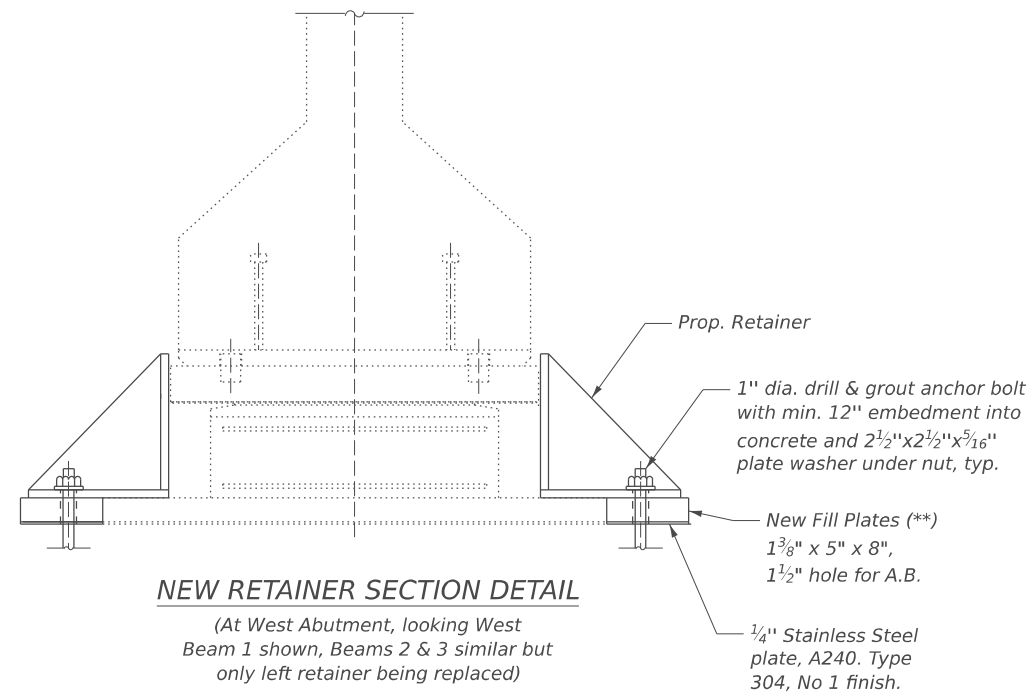
NEW RETAINER PLAN VIEW

(At West Abutment, Beam 1 shown, Beams 2 & 3 similar but only left retainer being replaced)



RETAINER SECTION DETAIL

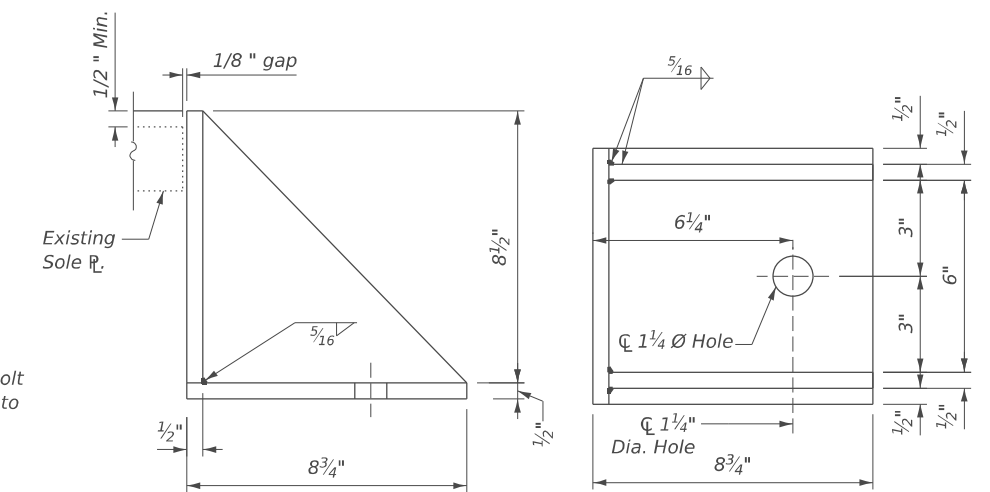
(*) For retainer to be replaced, remove existing side retainer, and cut off existing anchor bolt and grind it smooth to the top of the existing bearing masonry plate.



NEW RETAINER SECTION DETAIL

(At West Abutment, looking West Beam 1 shown, Beams 2 & 3 similar but only left retainer being replaced)

** Fill plates shall consist of a 1" plate plus additional plates for the required total thickness; minimum plate thickness of 1/8" additional plates may be required for field adjustments to provide level surface for retainer installation.



NEW RETAINER DETAIL

BILL OF MATERIAL

Item	Unit	Total
Furnishing and Erecting Structural Steel	Pound	199
Anchor Bolts, 1"	Each	4
Structural Steel Removal	Pound	72
Cleaning and Painting Bearings	Each	12



USER NAME = DanielPruchnick
 PLOT SCALE = \$SCALES\$
 PLOT DATE = 1/19/2026

DESIGNED - HP
 DRAWN - DP
 CHECKED - VP
 DATE - 01/29/2026

REVISED - ####
 REVISED - ####
 REVISED - ####
 REVISED - ####

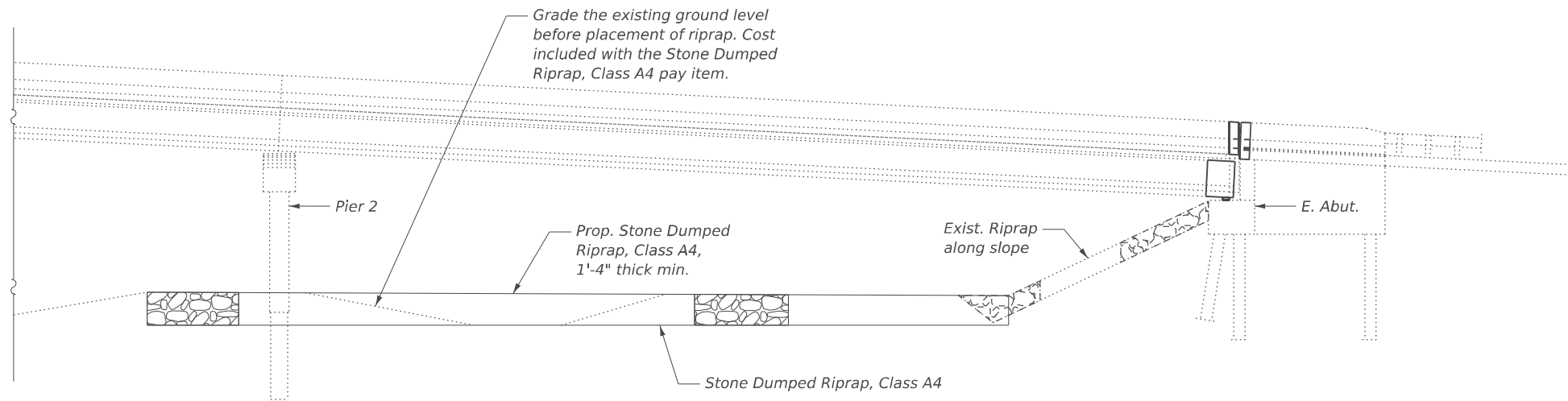
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RETAINER DETAILS
 STRUCTURE NO. 006-0149**

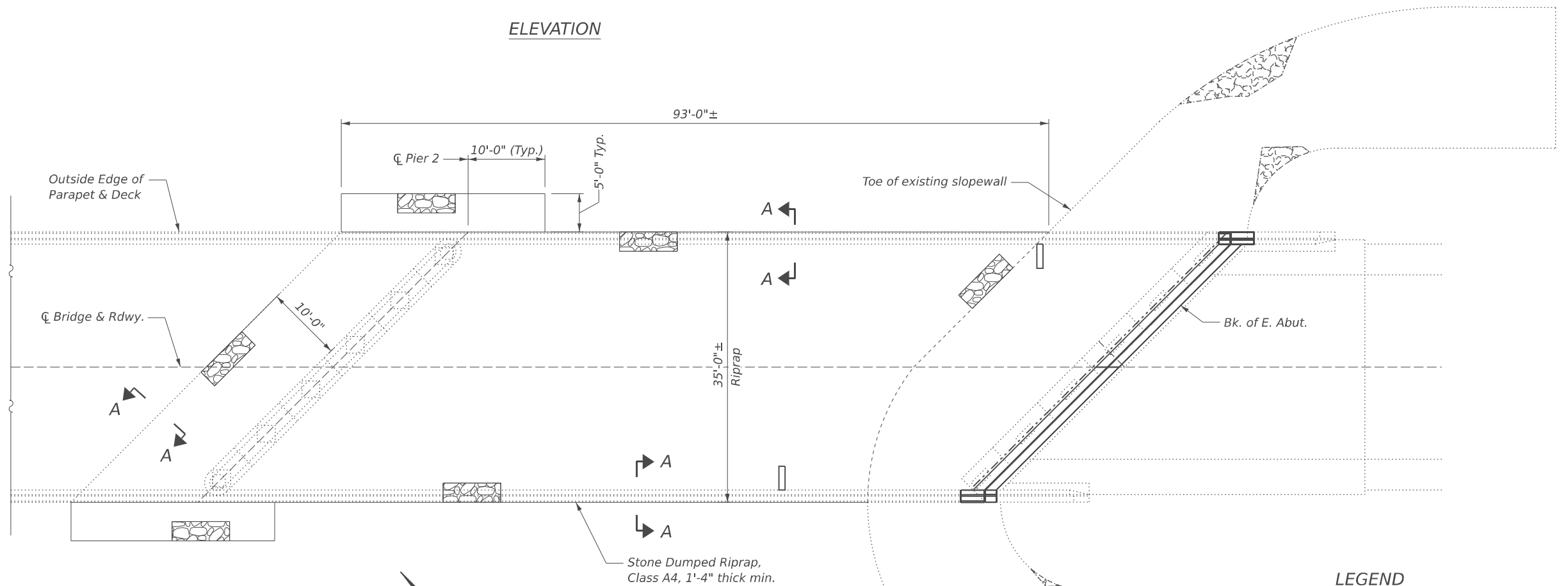
SHEET S-11 OF S-14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				

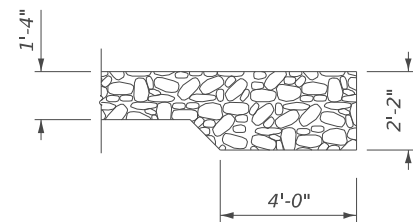
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ELEVATION



PLAN



SECTION A-A
(Typ. all edges)

LEGEND

-  Stone Dumped Riprap, Class A4
-  Existing Riprap

BILL OF MATERIAL

Item	Unit	Total
Stone Dumped Riprap, Class A4	Ton	286



USER NAME = DanielPruchnick
 PLOT SCALE = \$SCALE\$
 PLOT DATE = 1/19/2026

DESIGNED - HP
 DRAWN - DP
 CHECKED - VP
 DATE - 01/29/2026

REVISED - ####
 REVISED - ####
 REVISED - ####
 REVISED - ####

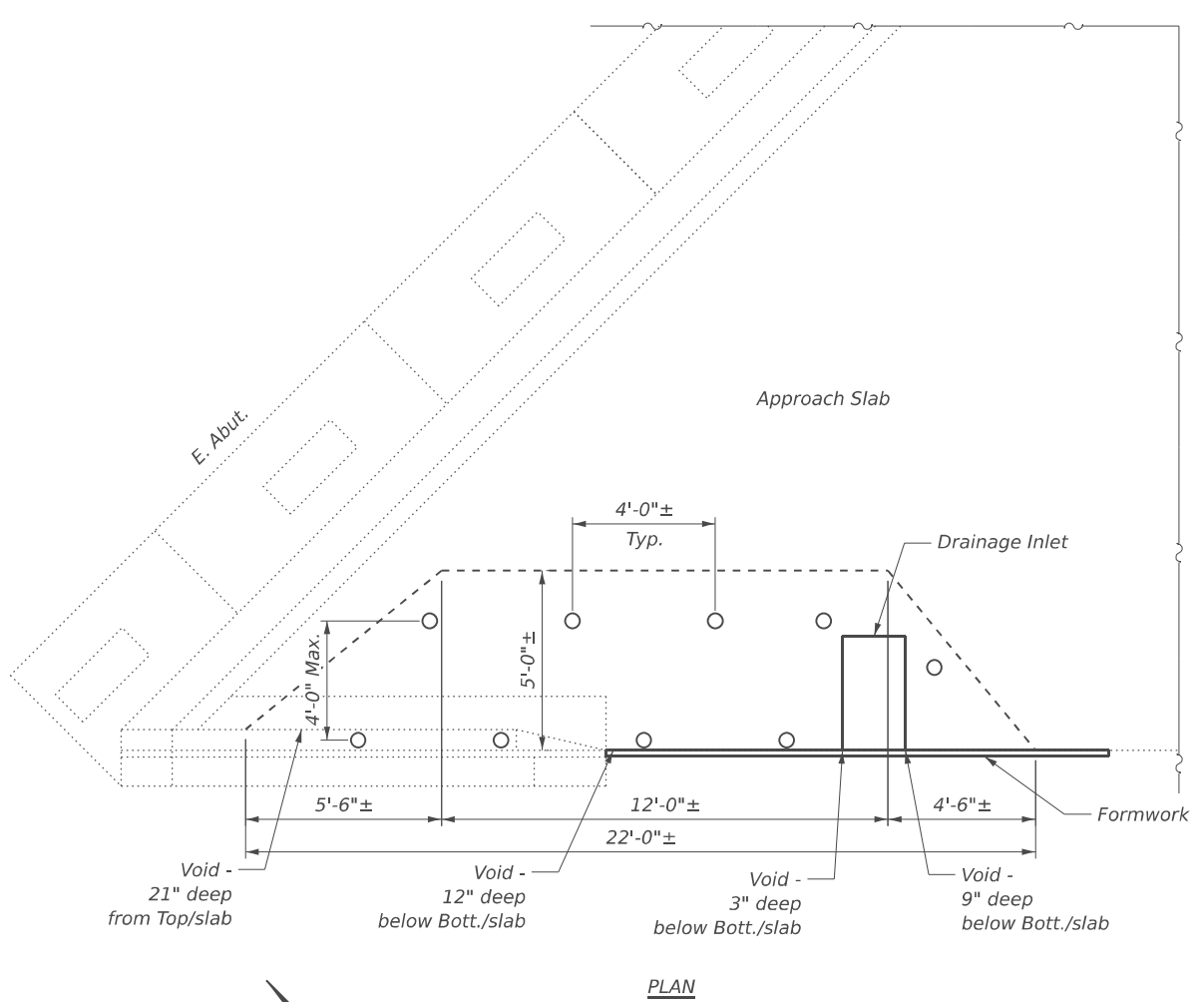
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIPRAP LAYOUT
STRUCTURE NO. 006-0149

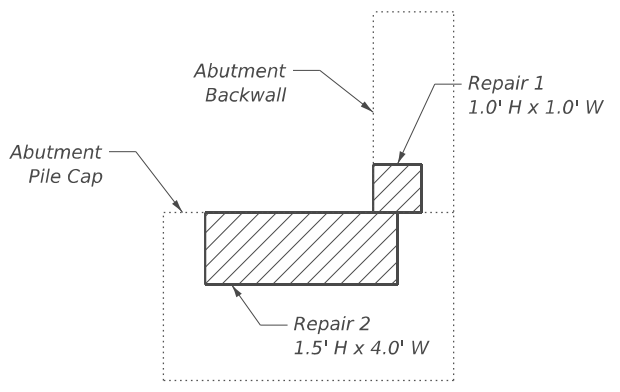
SHEET S-12 OF S-14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				

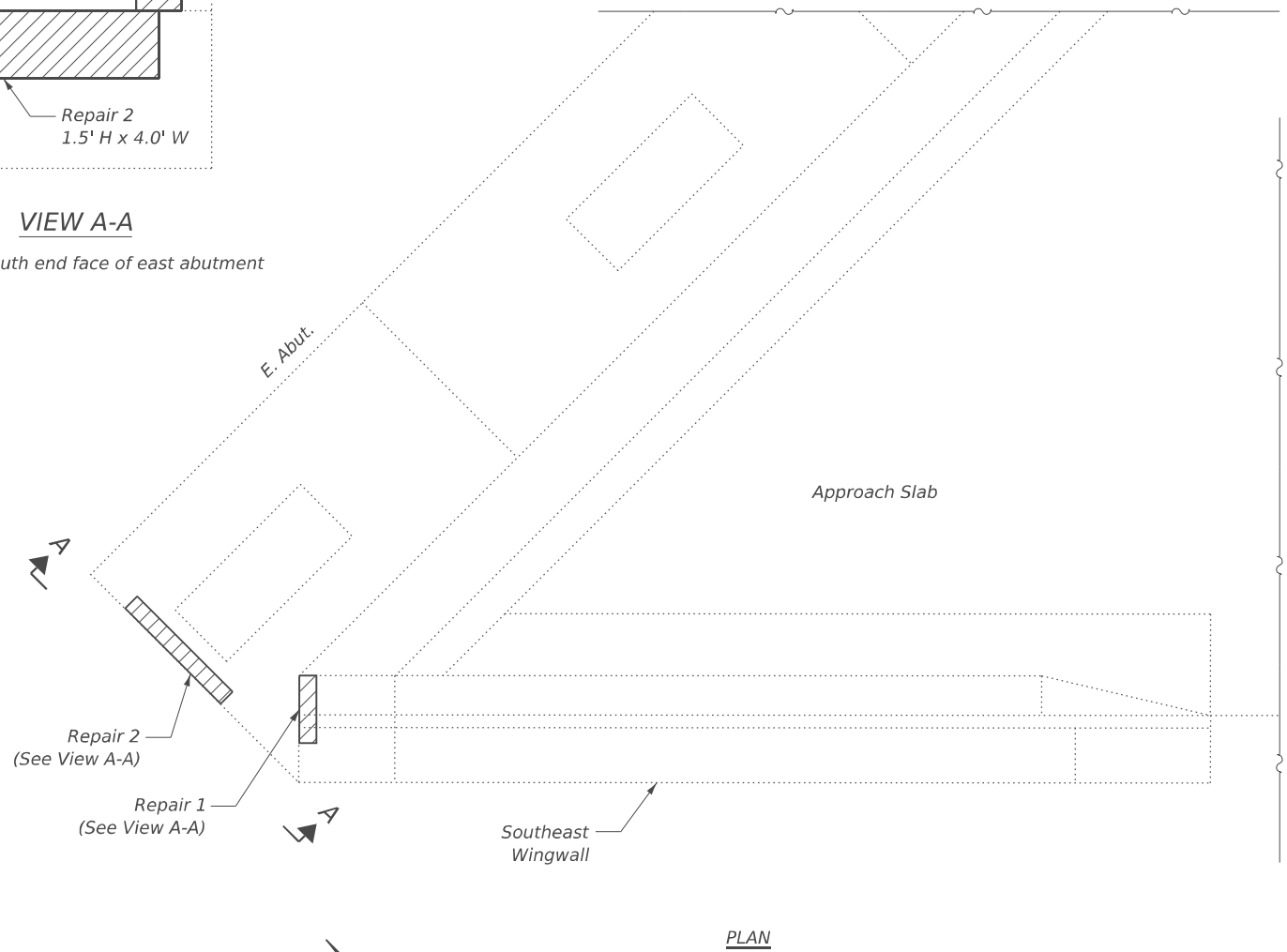
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PLAN
FILL VOID AT SOUTHEAST WINGWALL



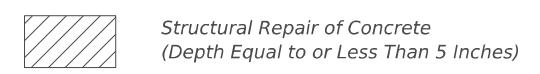
VIEW A-A
Looking at south end face of east abutment



PLAN
REPAIRS ON EAST ABUTMENT, SOUTH END

- Notes:**
1. Voids under approach slab shall be filled with Controlled Low-Strength Material (Special). The contractor has an option to use flowable grout in lieu of CLSM. The grout shall be according to the special provision for Cement, Finely Divided Minerals, Admixtures, Concrete, and Mortar.
 2. Place formwork along sides of approach slab as needed to confine CLSM within the limits of approach slab. Provide vent holes at the top of formwork.
 3. Core 4" dia. holes through approach slab in approximate locations shown in plan.
 4. Pump CLSM through the holes, beginning with the hole nearest to the back of abutment.
 5. Fill holes individually, working in the direction towards the end of the wingwall.
 6. Voids shall be considered filled when the CLSM flows through the vent holes and backs up through each cored hole.
 7. Clean the cored holes in approach slab of CLSM and seal holes with approved grout.

LEGEND



BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq. Ft.	7
Controlled Low-Strength Material (Special)	Cu. Yd	3.5

USER NAME = DanielPruchnick	DESIGNED - HP	REVISED - ####
PLOT SCALE = \$SCALE\$	DRAWN - DP	REVISED - ####
PLOT DATE = 1/28/2026	CHECKED - VP	REVISED - ####
	DATE - 01/29/2026	REVISED - ####

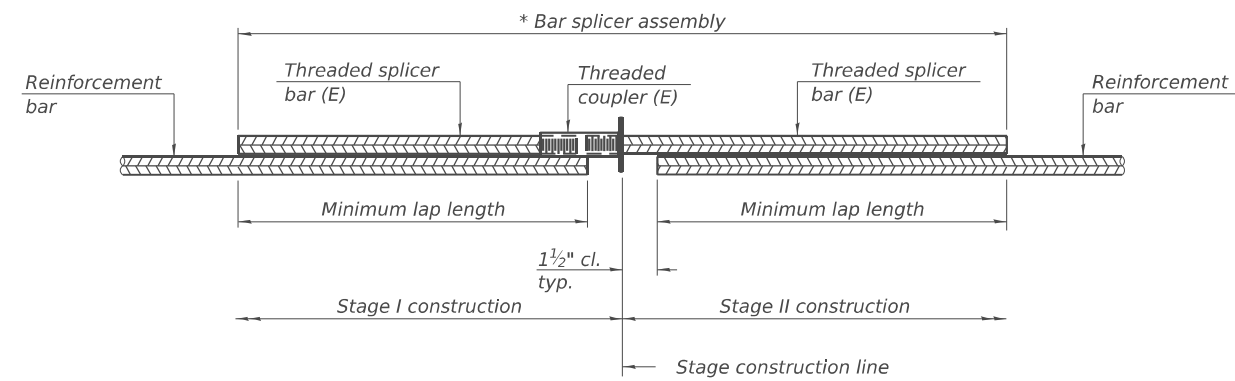
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS REPAIRS
STRUCTURE NO. 006-0149

SHEET S-13 OF S-14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	28
CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				

MODEL: Br Sheet Consultant
 FILE NAME: C:\Users\DanielPruchnick\10-4 Engineering - Documents\Projects\02-103-00 IDOT PTB 213-037 D3 Phase II V-1600 CADD DESIGN\606 Structural\WC-2_C66R63\Sheet\Page 14_Bar Splicer Assembly Details.dgn



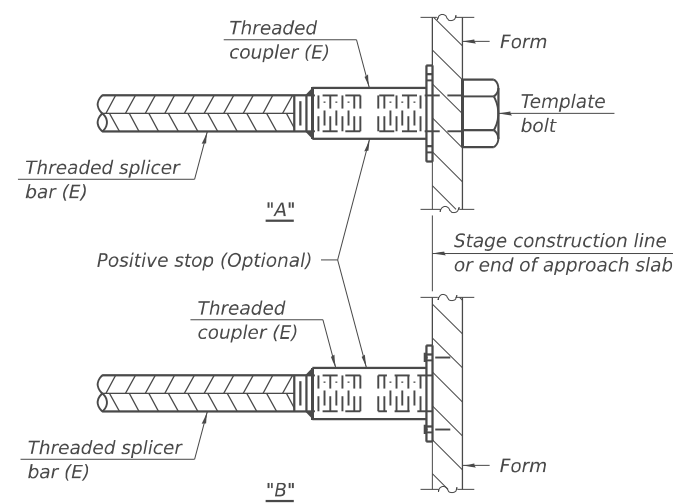
STANDARD BAR SPLICER ASSEMBLY PLAN

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
W. Abut. - Deck	#5	2	3'-10"
W. Abut. - (Block out)	#6	4	4'-5"
E. Abut. - Deck	#5	2	3'-10"
E. Abut. - (Block out)	#6	4	4'-5"

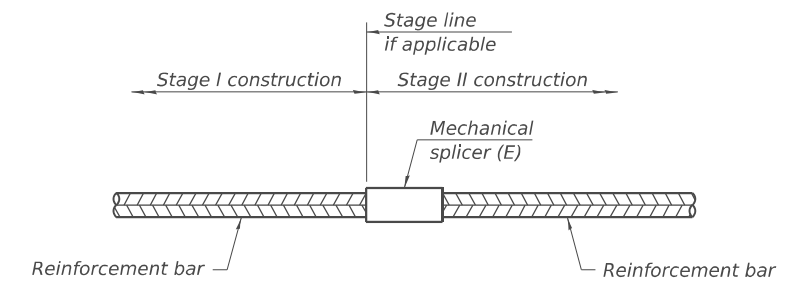


INSTALLATION AND SETTING METHODS

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

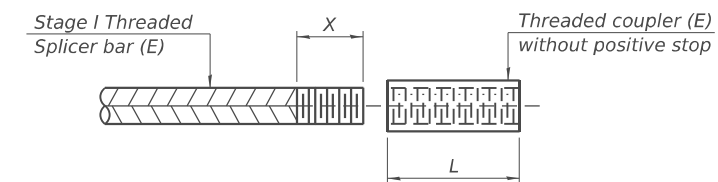
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(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.

BSD-1

4-4-2025

USER NAME = DanielPruchnick	DESIGNED - HP	REVISED - ####
	DRAWN - DP	REVISED - ####
PLOT SCALE = \$SCALE\$	CHECKED - VP	REVISED - ####
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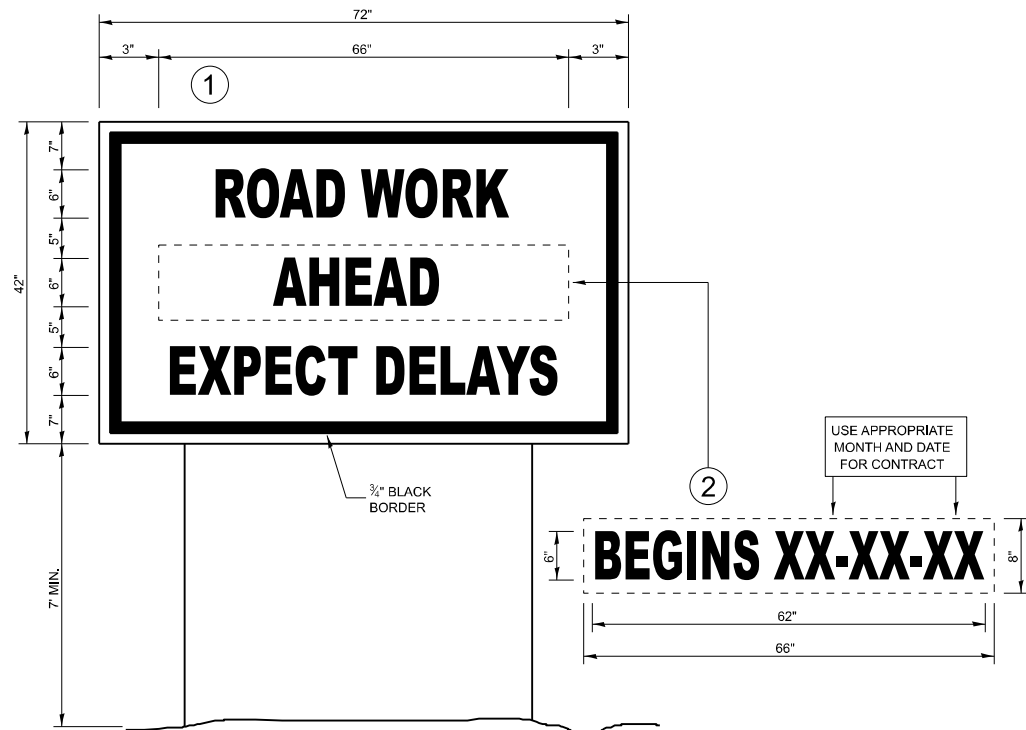
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
STRUCTURE NO. 006-0149**

SHEET S-14 OF S-14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	29
CONTRACT NO. 66R63				

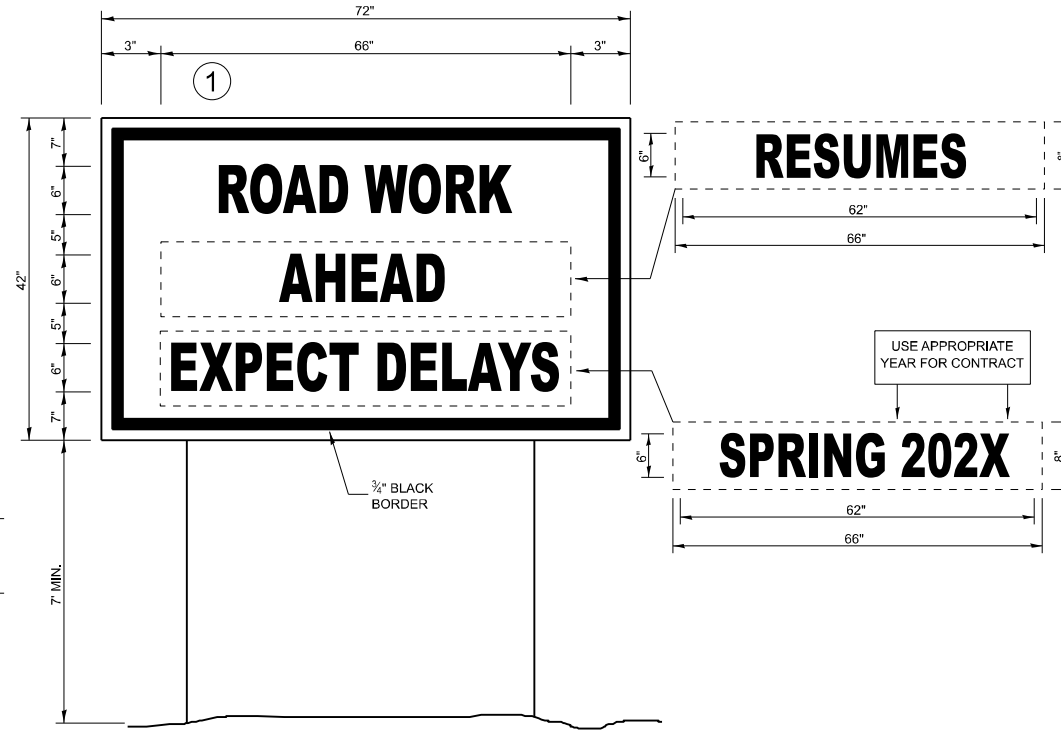
ILLINOIS FED. AID PROJECT



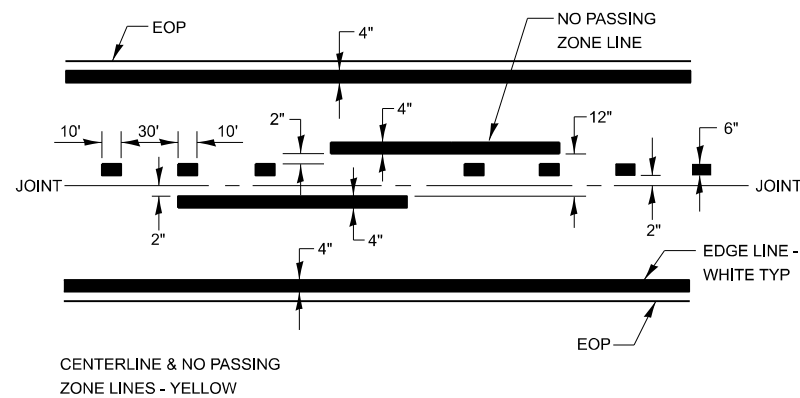
TEMPORARY INFORMATION SIGNING

NOTES:

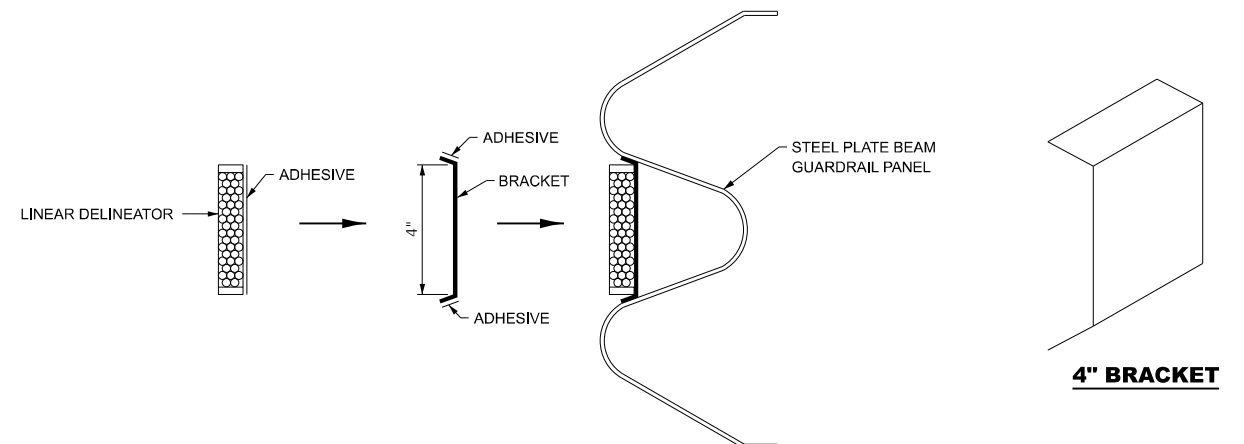
1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN WITH INSTALLED PANEL A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ON THAT DATE.
5. SEE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



WINTER SHUT DOWN SIGNING



PAVEMENT MARKING



LINEAR DELINEATOR APPLICATION TO STANDARD GALVANIZED GUARDRAIL

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

MODEL - General Notes (Sheet)
FILE NAME: E:\2422-2\CADD_Sheets\0366663-sh1-Details.dgn



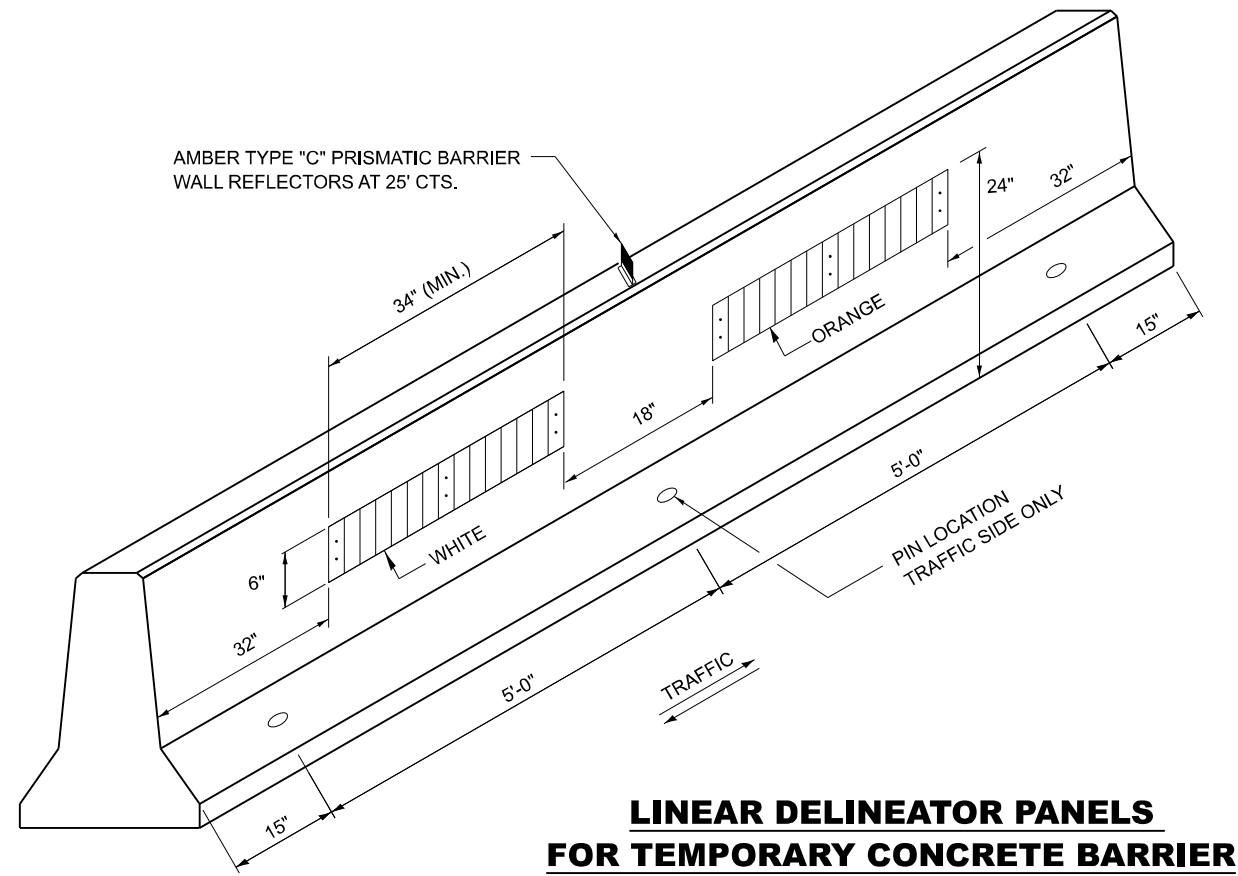
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	DRAWN - NH	REVISED -
PLOT SCALE = 0.1666667' / in.	CHECKED - RC	REVISED -
PLOT DATE = 12/1/2025	DATE - 1/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

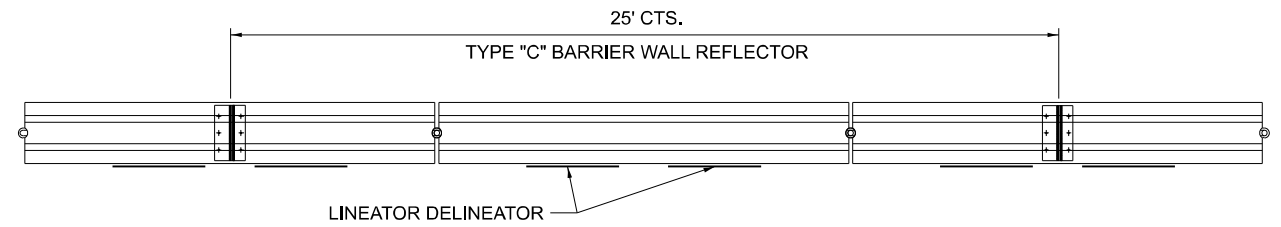
**IL 92 OVER BUREAU CREEK
DETAILS**

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	30
CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				

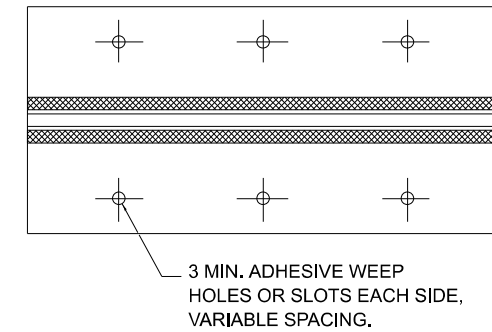
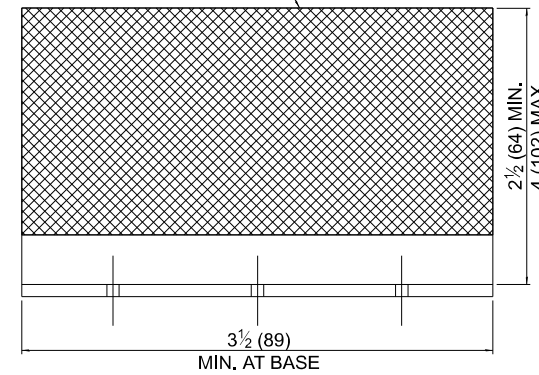


**LINEAR DELINEATOR PANELS
FOR TEMPORARY CONCRETE BARRIER**

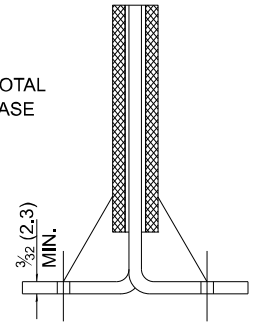


TYPE "C" REFLECTOR FOR TEMPORARY CONCRETE BARRIER

REFLECTIVE AREA, MAY BE
RECTANGULAR OR SLIGHT
TRAPEZOID.



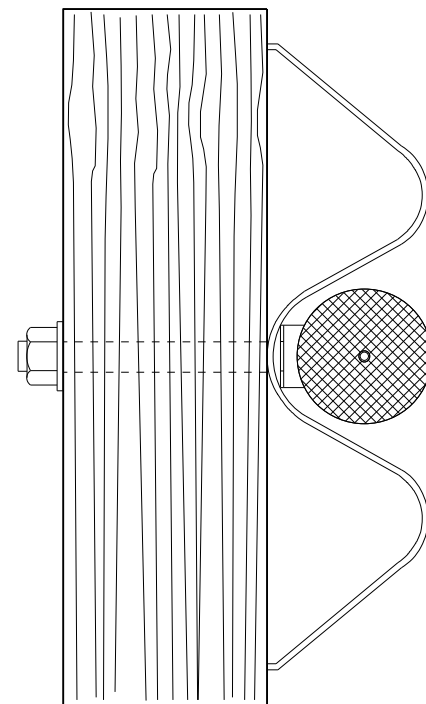
MINIMUM TOTAL
AREA OF BASE
7.0 SQ. IN.



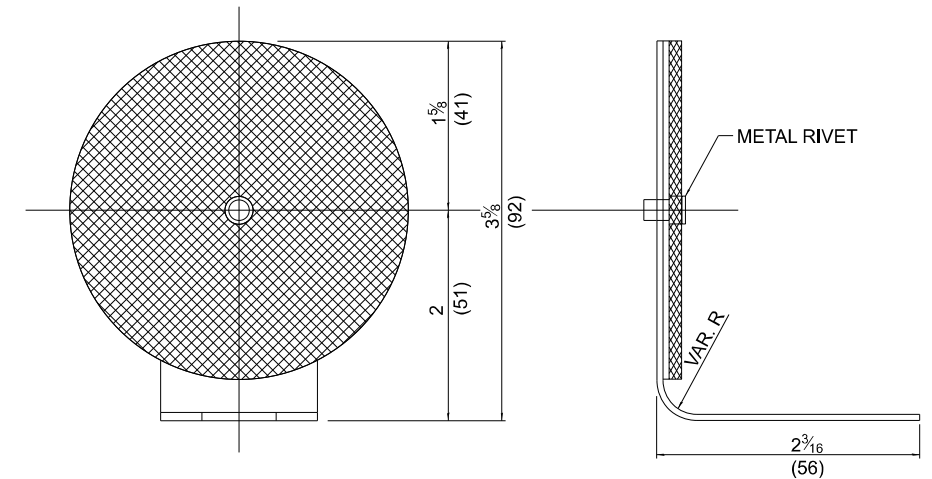
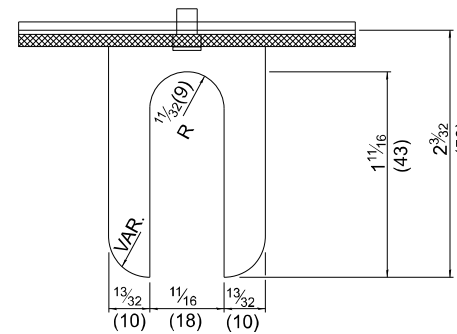
CROSS SECTION MAY BE "T"
OR "L" SHAPED AND MAY HAVE
SIDE SUPPORTS AT ENDS.

REFLECTOR TYPE C

TEMPORARY CONCRETE BARRAIER WALL



**TYPICAL MOUNTING DETAIL
FOR GUARDRAIL TYPE "A" REFLECTOR**



REFLECTOR TYPE A

(MONODIRECTIONAL SHOWN)
STEEL PLATE BEAM GUARDRAIL

MODEL: ###
FILE NAME: E:\2422-2\CADD_Sheets\366633-st-detail-GUARDRAIL-BARRIER WALL DELINEATION.dgn

USER NAME = 14nho	DESIGNED - RW	REVISED -
	DRAWN - RW	REVISED -
	CHECKED - YP	REVISED -
PLOT DATE = 11/7/2025	DATE - 6/7/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 92 OVER BUREAU CREEK
GUARDRAIL / BARRIER WALL DELINEATION DETAILS**

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(140C-BR)BRR	BUREAU	31	31
CONTRACT NO. 66R63				
ILLINOIS FED. AID PROJECT				