NOTICE TO PROSPECTIVE BIDDERS
RI CONTRACT NO. 2025-CB-057
TCB26005787
Bridge Group 26C – Woonsocket Blackstone River West
ADDENDUM NO. 3
October 29, 2025

Prospective bidders and all concerned are hereby notified of the following changes in the Plans, Specifications, Proposal, and Distribution of Quantities for this contract. These changes shall be incorporated in the Plans, Specifications, Proposal, and Distribution of Quantities, and shall become an integral part of the Contract Documents.

A. CS Pages

1. Page CS-ii

   Remove Page CS-ii in its entirety and replace it with revised CS-ii (R-1) attached to this Addendum No. 3. Appendix L has been added to the index.

2. Appendix L – Additional Information Documents

   Add Appendix L - Additional Information Documents attached to this Addendum No. 3. This appendix contains the original Construction Plans and latest RIDOT Bridge Inspection Reports.

INDEX
GENERAL PROVISIONS - CONTRACT SPECIFIC

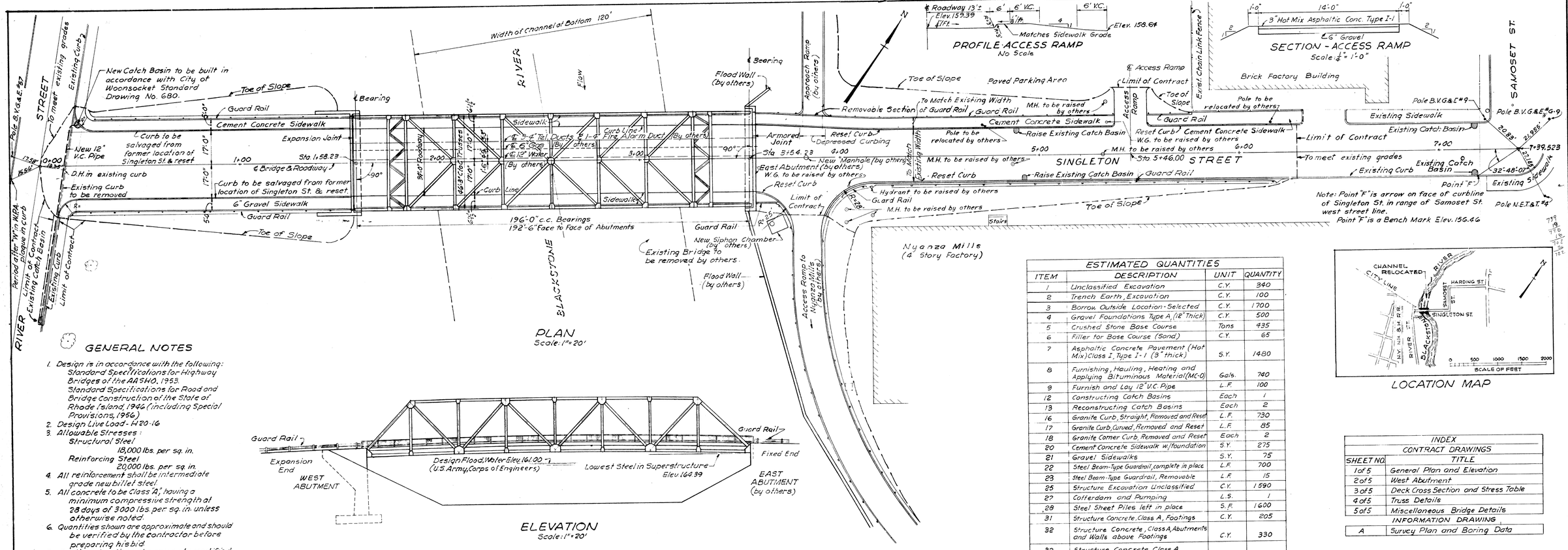
PARAGRAPH	TITLE	PAGE
22.	USFWS Northern Long-Eared Bat and Tricolored Bat Protection	CS-11
23.	Protection Under the Migratory Bird Treaty Act	CS-12
24.	Environmental Permits	CS-13
25.	US Army Corp of Engineers Notification	CS-14

Appendices

Appendix A	Transportation Management Plan
Appendix B	Small Site Stormwater Pollution Prevention Plan (SWPPP)
Appendix C	Northern Long-Eared Bats
Appendix D	Tricolored Bat
Appendix E	Migratory Birds
Appendix F	RI Energy Gas Requirements
Appendix G	Rules and Regulations – Woonsocket Water Works Division
Appendix H	RIDEM OLRSMM Remedial Decision Letters and Site Investigation Report
Appendix I	Hazardous Materials Assessment
Appendix J	RI Department of Environmental Management Insignificant Alteration Permit [PENDING]
Appendix K	US Army Corps of Engineers Authorization [PENDING]
Appendix L	Additional Information Documents

APPENDIX L

Additional Information Documents

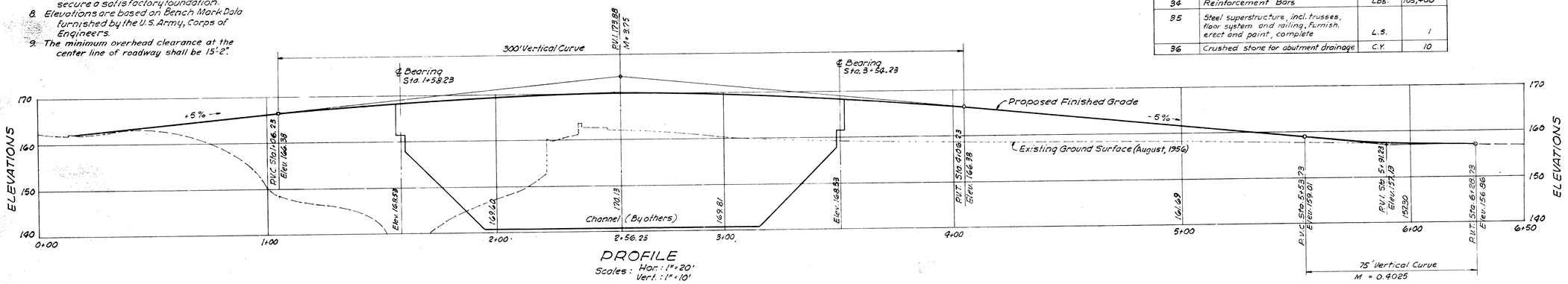


PLAN
Scale: 1" = 20'

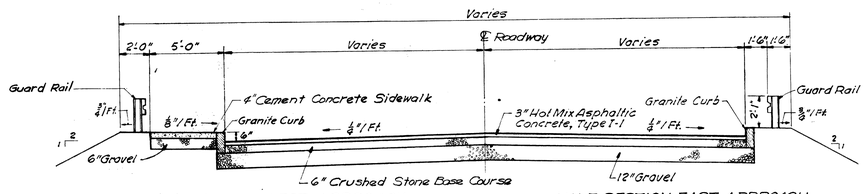
GENERAL NOTES

1. Design is in accordance with the following: Standard Specifications for Highway Bridges of the AASHO, 1953. Standard Specifications for Road and Bridge Construction of the State of Rhode Island, 1946 (including Special Provisions, 1956)
2. Design Live Load - H20-16
3. Allowable Stresses:
   Structural Steel 18,000 lbs. per sq. in.
   Reinforcing Steel 20,000 lbs. per sq. in.
4. All reinforcement shall be intermediate grade new billet steel.
5. All concrete to be Class "A", having a minimum compressive strength at 28 days of 3000 lbs. per sq. in. unless otherwise noted.
6. Quantities shown are approximate and should be verified by the contractor before preparing his bid.
7. Footing elevations shown may be modified by the Engineer in order to secure a satisfactory foundation.
8. Elevations are based on Bench Mark Data furnished by the U.S. Army, Corps of Engineers.
9. The minimum overhead clearance at the center line of roadway shall be 15'-2".

ELEVATION
Scale: 1" = 20'

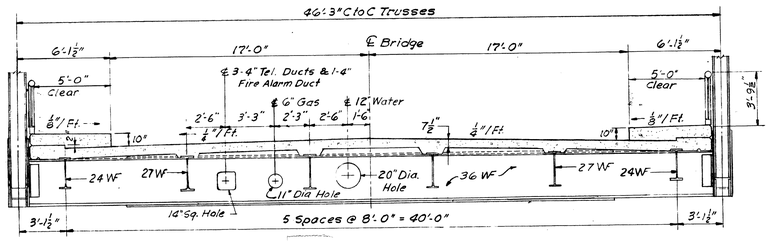


PROFILE
Scales: Hor.: 1" = 20'
Vert.: 1" = 10'



HALF SECTION WEST APPROACH — HALF SECTION EAST APPROACH

CROSS SECTION
APPROACH ROADWAY
Scale: 1/4" = 1'-0"



DECK CROSS SECTION
(Looking East)
Scale: 1/4" = 1'-0"

ESTIMATED QUANTITIES

ITEM	DESCRIPTION	UNIT	QUANTITY
1	Unclassified Excavation	C.Y.	340
2	Trench Earth Excavation	C.Y.	100
3	Borrow Outside Location-Selected	C.Y.	1700
4	Gravel Foundations Type A, (18" Thick)	C.Y.	500
5	Crushed Stone Base Course	Tons	935
6	Filler for Base Course (Sand)	C.Y.	65
7	Asphaltic Concrete Pavement (Hot Mix) Class I, Type I-1 (3" thick)	S.Y.	1480
8	Furnishing, Hauling, Heating and Applying Bituminous Material (MC-0)	Gals.	740
9	Furnish and Lay 12" V.C. Pipe	L.F.	100
12	Constructing Catch Basins	Each	1
13	Reconstructing Catch Basins	Each	2
16	Granite Curb, Straight, Removed and Reset	L.F.	730
17	Granite Curb, Curved, Removed and Reset	L.F.	85
18	Granite Corner Curb, Removed and Reset	Each	2
20	Cement Concrete Sidewalk w/foundation	S.Y.	275
21	Gravel Sidewalks	S.Y.	75
22	Steel Beam-Type Guardrail, complete in place	L.F.	700
23	Steel Beam-Type Guardrail, Removable	L.F.	15
25	Structure Excavation Unclassified	C.Y.	1590
27	Cofferdam and Pumping	L.S.	1
28	Steel Sheet Piles left in place	S.F.	1600
31	Structure Concrete, Class A, Footings	C.Y.	205
32	Structure Concrete, Class A, Abutments and Walls above Footings	C.Y.	330
33	Structure Concrete Class A, A.E. deck and walks	C.Y.	296
34	Reinforcement Bars	Lbs.	105,400
35	Steel superstructure, incl. trusses, floor system and railing. Furnish, erect and paint, complete	L.S.	1
36	Crushed stone for abutment drainage	C.Y.	10

LOCATION MAP

INDEX

CONTRACT DRAWINGS

SHEET NO.	TITLE
1 of 5	General Plan and Elevation
2 of 5	West Abutment
3 of 5	Deck Cross Section and Stress Table
4 of 5	Truss Details
5 of 5	Miscellaneous Bridge Details

INFORMATION DRAWING

A	Survey Plan and Boring Data

SCANNED AUG 0 9 2005

APPROVED C. G. Hammann
DIRECTOR OF PUBLIC WORKS

RALPH W. HORNE No. 71 REGISTERED PROFESSIONAL ENGINEER

DEPARTMENT OF PUBLIC WORKS
WOONSOCKET, RHODE ISLAND

SINGLETON STREET OVER BLACKSTONE RIVER

GENERAL PLAN AND ELEVATION

SCALE:- AS NOTED — MARCH 1957

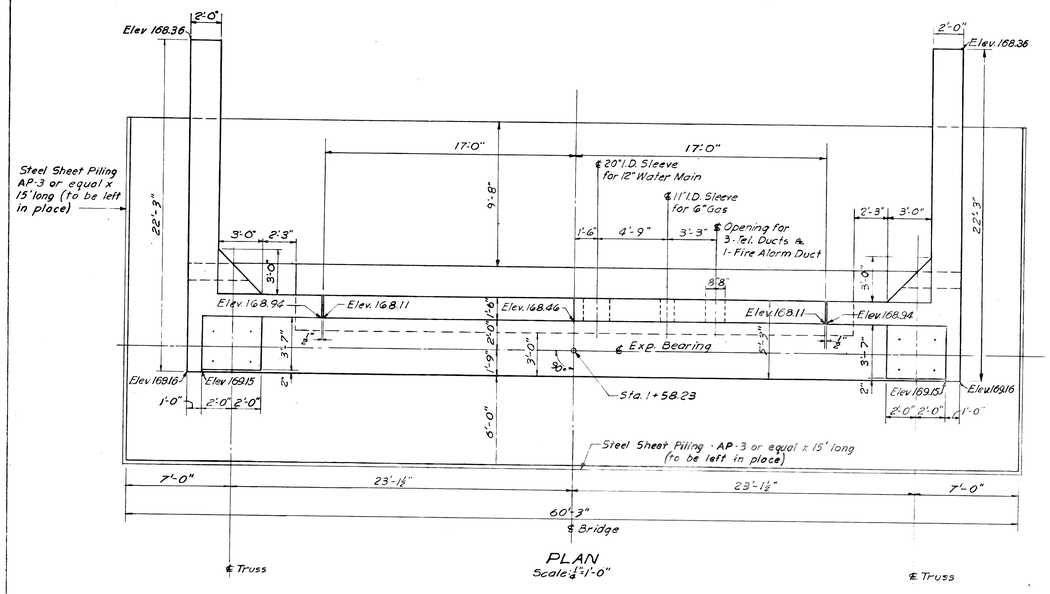
FAY, SPOFFORD & THORNDIKE, INC., ENGINEERS, BOSTON, MASS.

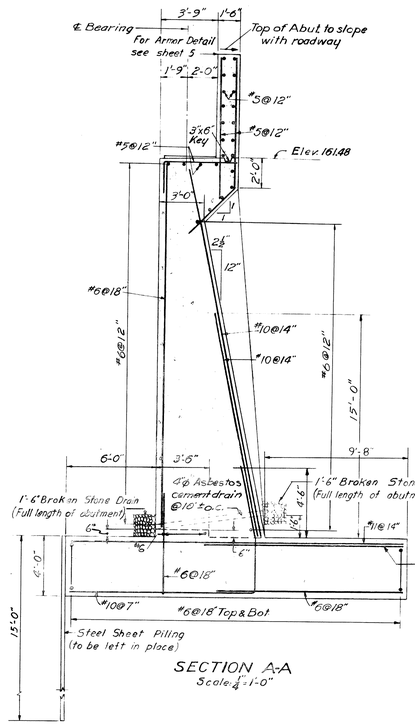
DES JRC	TR BEM	FILE NO.	V i-10
DR BEM	CHK JRC		
APPROVED R. W. Horne		PLAN NO.	7

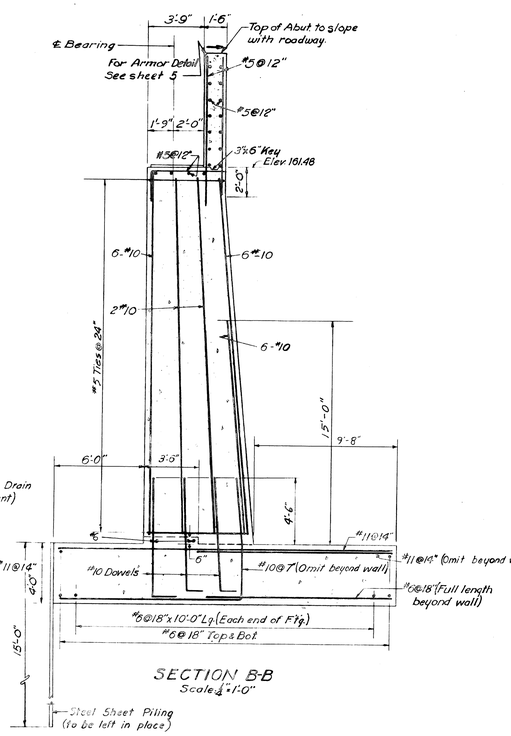
CONTRACT DRAWING SHEET NO. 1 OF 5

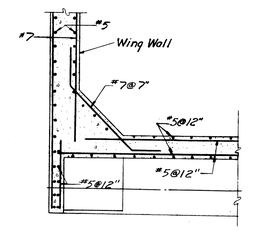
42-1611 A

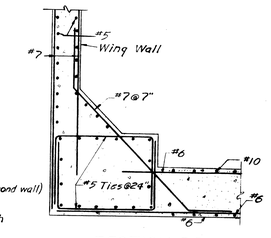
Addendum No. 3

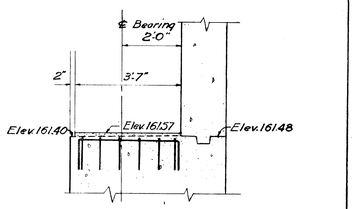


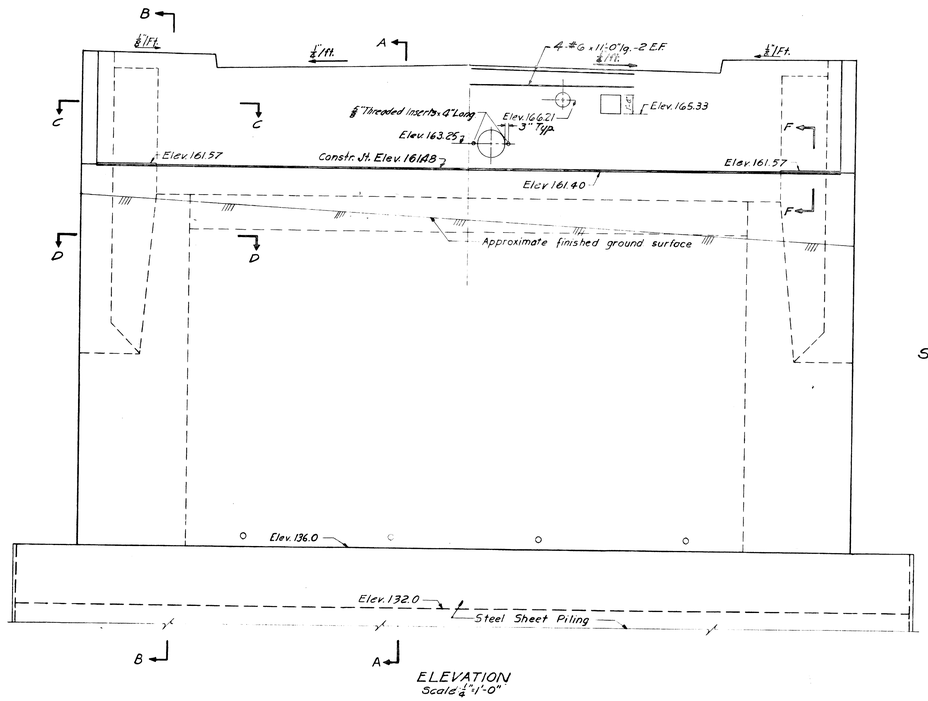


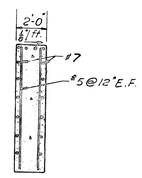


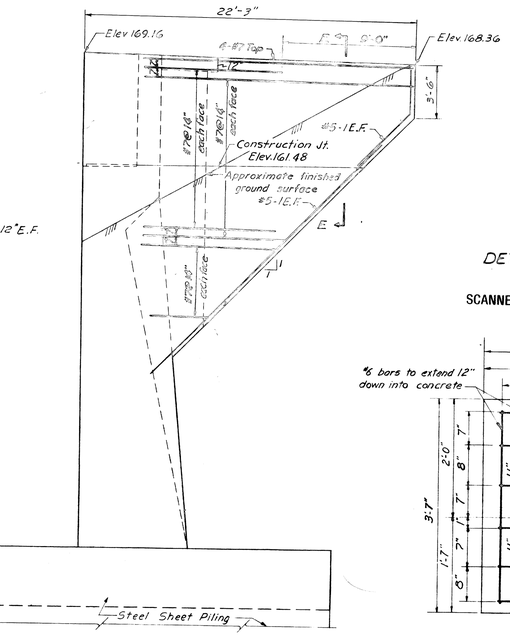


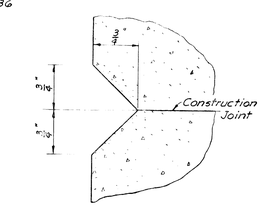


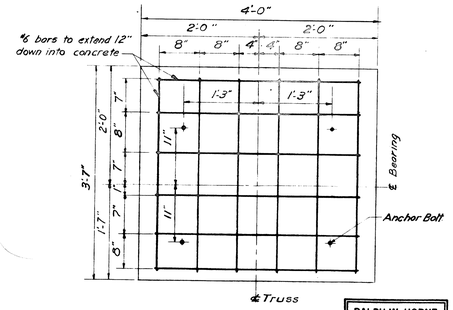












SCANNED AUG 0 9 2005

Notes:
All exposed edges of concrete shall have ¾" chamfer.
For location of anchor bolts see sheet 5.
Bearing pads shall be cast monolithically with abutment and shall be of sufficient height to permit bush hammering or grinding to proper elevation.
Concrete cover for reinforcement shall be 2" minimum.
Abutment footing shall be on firm soil capable of supporting 4 tons per sq. ft.
If actual conditions vary from those shown on the drawing, the Engineer shall be notified.

RALPH W. HORNE No. 71 REGISTERED PROFESSIONAL ENGINEER

DEPARTMENT OF PUBLIC WORKS
WOONSOCKET, RHODE ISLAND

SINGLETON STREET OVER BLACKSTONE RIVER

WEST ABUTMENT

SCALE: AS NOTED — MARCH 1957

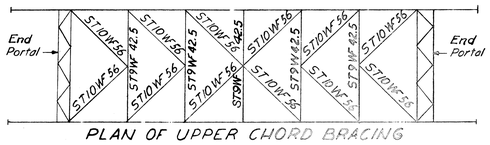
FAY, SPOFFORD & THORNDIKE, INC., ENGINEERS, BOSTON, MASS.

DES RAF DR MRL	TR RWE CHK RAF	FILE NO.	VI-10
APPROVED R.W. Horne		PLAN NO.	22

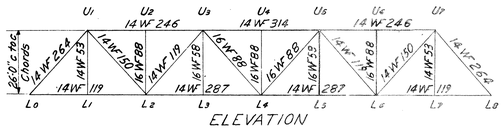
CONTRACT DRAWING SHEET NO. 2 OF 5

42-1611 B

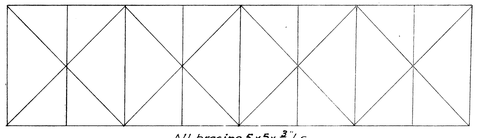
Addendum No. 3



PLAN OF UPPER CHORD BRACING

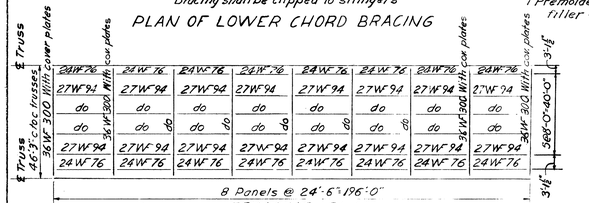


ELEVATION

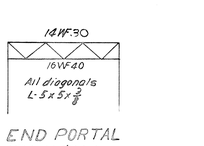


All bracing 5x5x⅜" Ls
Bracing shall be clipped to stringers

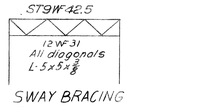
PLAN OF LOWER CHORD BRACING



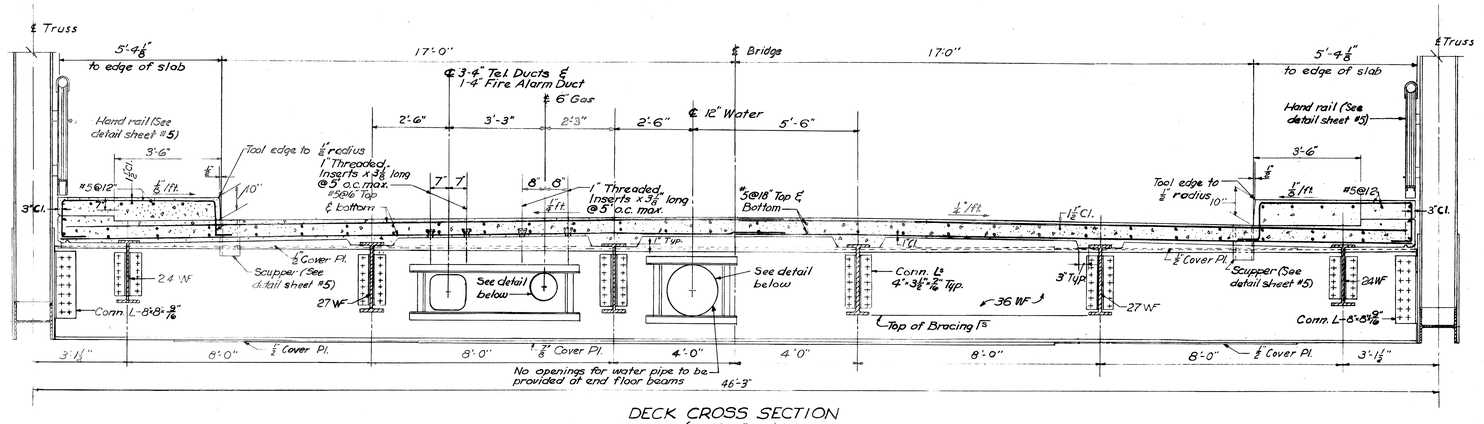
FRAMING PLAN
No Scale



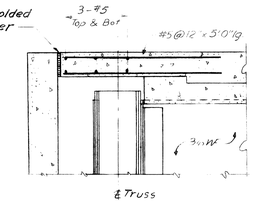
END PORTAL
AT L0U1 & U7L8



SWAY BRACING
AT U2L2, U6L6, U4L4
U3L3 & U5L5

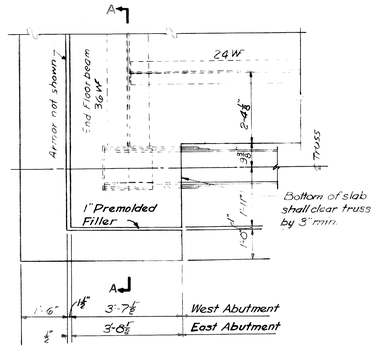


DECK CROSS SECTION
(Looking East)
Scale: ½"=1'-0"

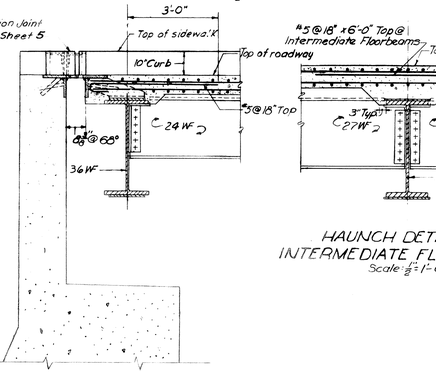


Note: For floorbeam cover plates see detail below.

SECTION A-A
Scale: ½"=1'-0"



PLAN OF CORNER DETAIL AT
WEST ABUTMENT - EAST ABUTMENT SIMILAR
Scale: ½"=1'-0"



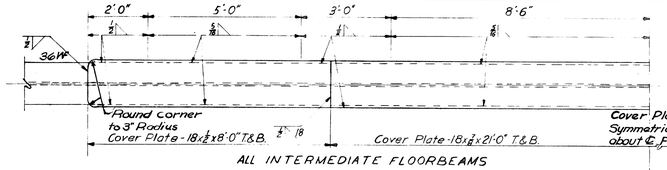
EXPANSION JOINT AT
WEST ABUTMENT
Scale: ½"=1'-0"

HAUNCH DETAIL AT
INTERMEDIATE FLOORBEAM
Scale: ½"=1'-0"

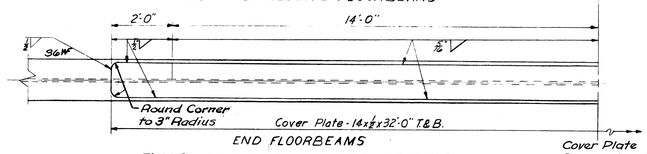
FIXED JOINT AT
EAST ABUTMENT
Scale: ½"=1'-0"

STRESS TABLE

MEMBER	SECTION		AREA SQUARE INCHES	LENGTH FEET	r INCHES	ALLOWABLE STRESS #/in²	DESIGN LOADS - KIPS DEAD	LIVE	IMPACT	TOTAL
L0L2, L6L8	14WF119	x x y y	N=29.63 G=34.99	24.5	X=6.26 Y=3.75	+ 18.0	+391.	+108.4	+ 14.3	+ 513.7
L2L4, L4L6	14WF287		N=62.91 G=84.37	24.5	X=6.81 Y=4.17	+ 18.0	+837.	+232.3	+ 30.5	+1099.8
U1U2, U5U7	14WF246		N=70.08 G=72.33	24.5	X=6.68 Y=4.12	- 13.8	-670.	-185.8	- 24.4	- 880.2
U2U4, U4U6	14WF314		N=89.47 G=92.90	24.5	X=6.90 Y=4.20	- 13.8	-893	-247.5	- 32.5	-1173.0
L0U1, U7L8	14WF264		G=77.63	35.72	X=6.76 Y=4.14	- 12.4	-576	-173.2	- 23.2	- 772.4
U1L1, U7L7	14WF53		N=12.63 G=15.59	26.0	X=5.90 Y=1.92	+ 18.0	+121	+ 76.9	+ 21.3	+ 219.2
U1L2, L6U7	14WF150		N=33.93 G=44.06	35.72	X=6.37 Y=3.99	+ 18.0	+412	+134.2	+ 19.1	+ 565.3
U2L2, U6L6	16WF88		G=25.87	26.0	X=6.87 Y=2.67	- 11.7	- 12.5			- 12.5
L2U3, U5L6	14WF119		G=34.99	35.72	X=6.26 Y=3.75	- 11.8	-247	-100.6	-16.2	- 363.8
U3L3, U5L5	16WF58		N=14.14 G=17.04	26.0	X=6.62 Y=1.88	+ 18.0	+121	+ 76.9	+21.3	+ 219.2
U3L4, L4U5	16WF88		N=22.29 G=25.87	35.72	X=6.87 Y=2.67	+ 18.0	+82.5	+ 71.2	+12.8	+ 166.5
U4L4	16WF88		G=25.87	26.0	X=6.87 Y=2.67	- 11.7	-12.5			- 12.5

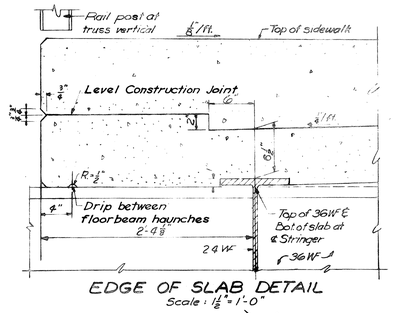


ALL INTERMEDIATE FLOORBEAMS

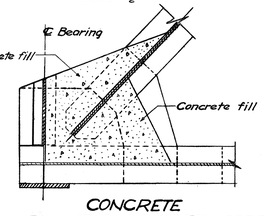


END FLOORBEAMS

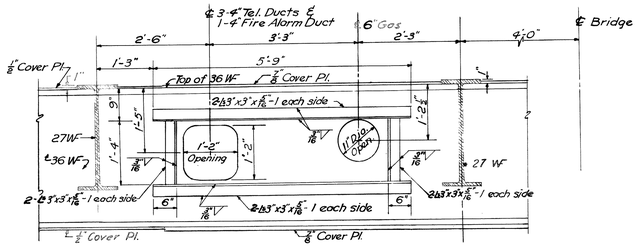
FLOORBEAM COVER PLATE DETAILS
Scale: ½"=1'-0"



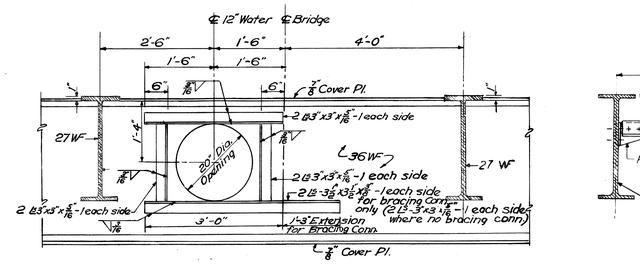
EDGE OF SLAB DETAIL
Scale: 1½"=1'-0"



CONCRETE
FILL AT ENDS OF TRUSSES
Scale: 1½"=1'-0"

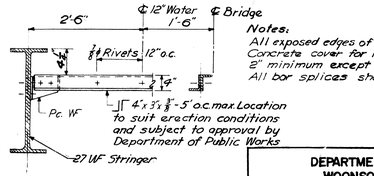


OPENINGS IN FLOORBEAMS



SUPPORT BETWEEN FLOORBEAMS

UTILITY SUPPORT DETAILS
Scale ¾"=1'-0"



Notes:
All exposed edges of concrete shall have ¾" chamfer.
Concrete cover for reinforcement shall be 2" minimum except as noted.
All bar splices shall be 24 diameters.

SCANNED Aug 08 2006

DEPARTMENT OF PUBLIC WORKS
WOONSOCKET, RHODE ISLAND

SINGLETON STREET OVER BLACKSTONE RIVER

DECK CROSS SECTION AND STRESS TABLE

SCALE - AS NOTED — MARCH 1957

FAY, SPOFFORD & THORNDIKE INC., ENGINEERS, BOSTON, MASS.

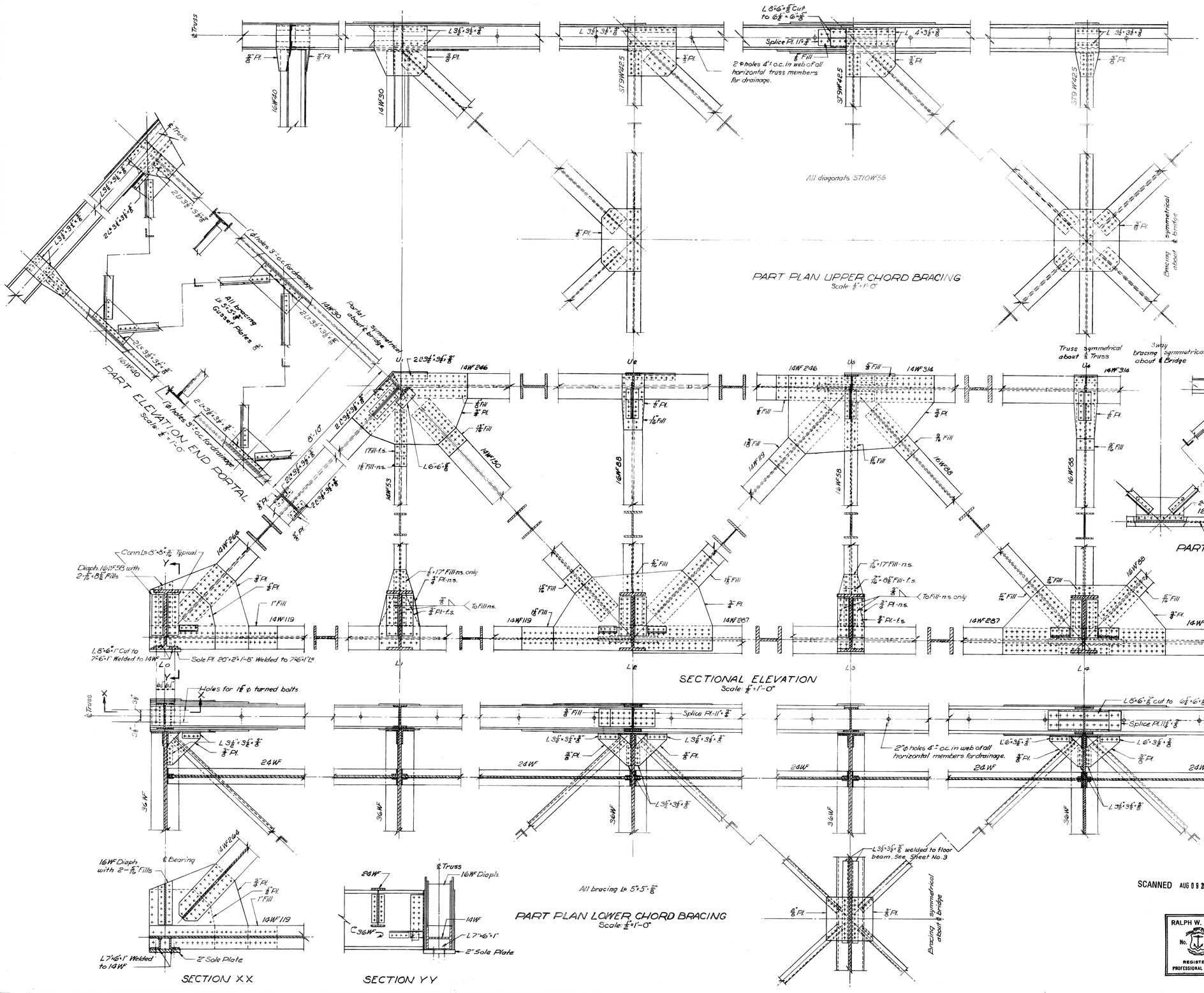
DES FED DR NMD	TR JM'D CHK FED JRC	FILE NO. VI-10
APPROVED R.W. Horne		PLAN NO. 23

RALPH W. HORNE No. 71 REGISTERED PROFESSIONAL ENGINEER

CONTRACT DRAWING — SHEET NO. 3 OF 5

42-161! C

Addendum No. 3



Notes:
For general notes see sheet 1.
All rivets in floorbeam and truss connections – 1" ϕ.
All rivets in stringer, bracing and portal connections – ⅞" ϕ.
Rivet holes 1 1/16" ϕ for 1" ϕ rivets and 1⅛" ϕ for ⅞" ϕ rivets.
Open holes as noted.
All field connection holes shall be sub punched and reamed.
Trusses shall be fabricated so that bottom chord panel points follow the roadway vertical curve. Trusses shall be cambered for dead load deflection of 2¼" at the center.

SCANNED AUG 09 2005

RALPH W. HORNE No. 71 REGISTERED PROFESSIONAL ENGINEER

DEPARTMENT OF PUBLIC WORKS
WOONSOCKET, RHODE ISLAND

SINGLETON STREET OVER BLACKSTONE RIVER

TRUSS DETAILS

SCALE- AS NOTED — MARCH 1957

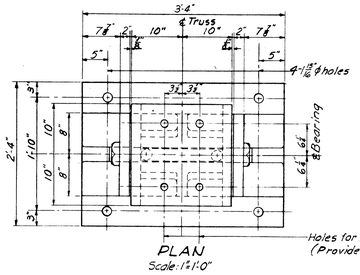
FAY, SPOFFORD & THORNDIKE, INC., ENGINEERS, BOSTON, MASS.

DES FED PR. NMD	TR RWK CHK FED	FILE NO. VI-10
APPROVED R.W. Horne		PLAN NO. 24

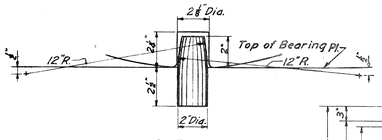
CONTRACT DRAWING SHEET NO. 4 OF 5

42-1611 D

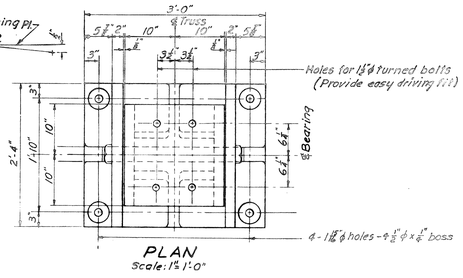
Addendum No. 3



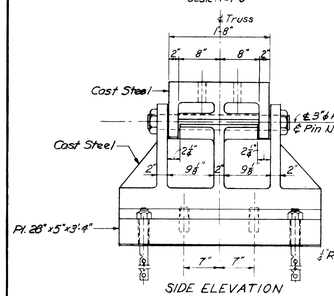
PLAN
Scale: 1½"=1'-0"



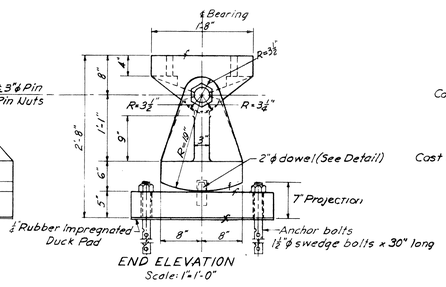
DETAIL OF DOWEL
Scale: 3"=1'-0"



PLAN
Scale: 1½"=1'-0"

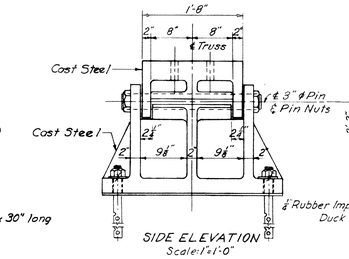


SIDE ELEVATION
Scale: 1"=1'-0"

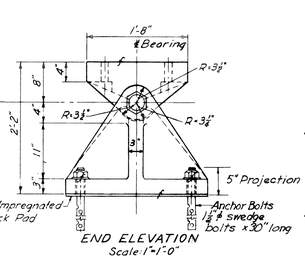


END ELEVATION
Scale: 1"=1'-0"

EXPANSION BEARING
Scale: As Noted



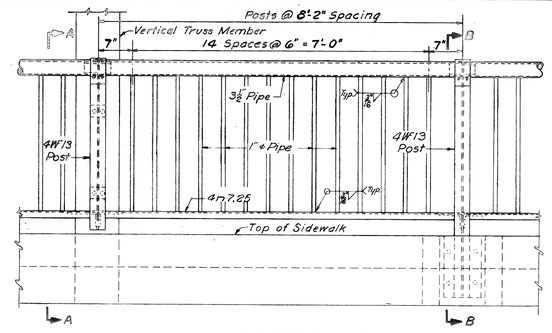
SIDE ELEVATION
Scale: 1"=1'-0"



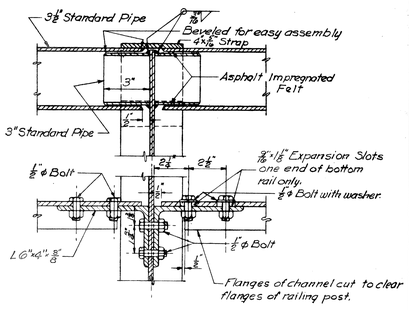
END ELEVATION
Scale: 1"=1'-0"

FIXED BEARING
Scale: As Noted

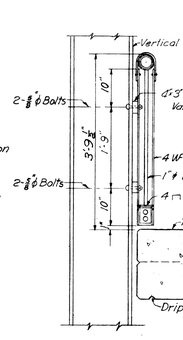
Note:
Bearings shall be cast steel conforming to A.S.T.M. spec. A-27-52T grade 65-35.



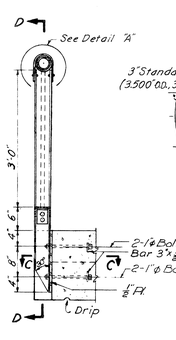
ELEVATION OF RAILING
Scale: ¾"=1'-0"



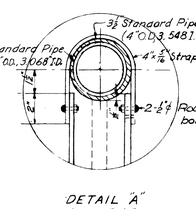
SECTION D-D
Scale: 3"=1'-0"



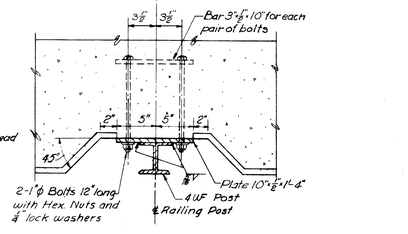
SECTION A-A
Scale: ¾"=1'-0"



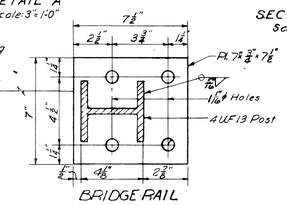
SECTION B-B
Scale: ¾"=1'-0"



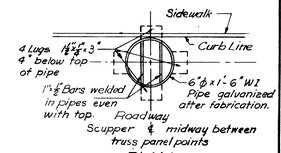
DETAIL "A"
Scale: 3"=1'-0"



SECTION C-C
Scale: 1½"=1'-0"



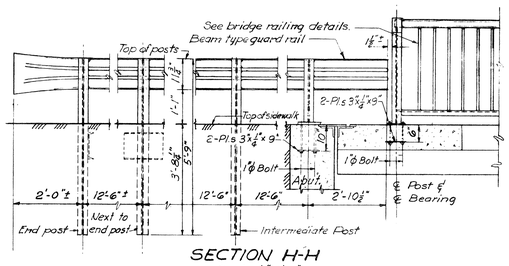
BRIDGE RAIL BASE PLATE DETAIL
Scale: 1½"=1'-0"



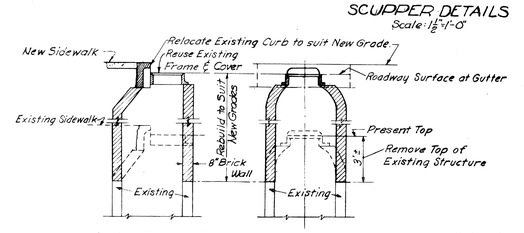
PLAN

SCUPPER DETAILS
Scale: 1½"=1'-0"

TYPICAL BRIDGE RAILING DETAILS
Scale: As Noted

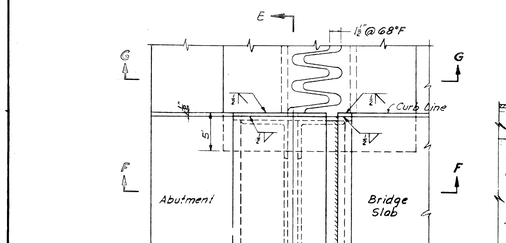


SECTION H-H
Scale: 1½"=1'-0"

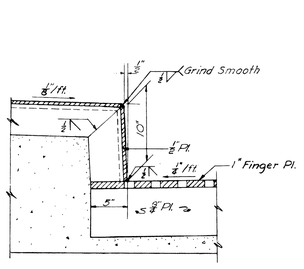


Note: For details of catch basin construction, see City of Woonsocket Standard Drawing No. 680.

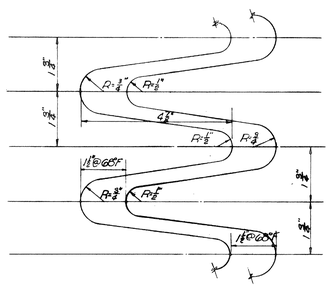
DETAIL FOR RAISING CATCH BASINS
Scale: ¾"=1'-0"



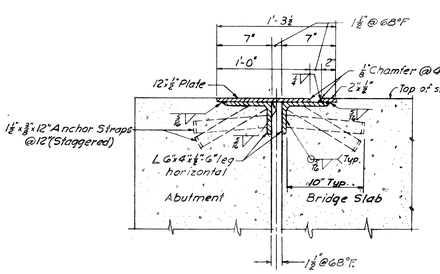
PART PLAN OF EXPANSION JOINT
Scale: 1½" 1'-0"



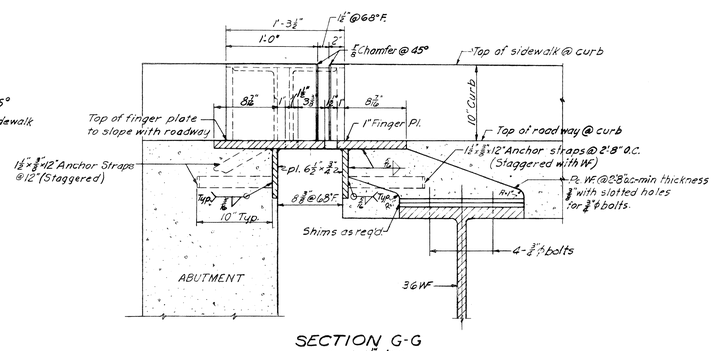
SECTION E-E
Scale: 1½"=1'-0"



FINGER JOINT DETAIL
SQUARE SPAN
Scale: 6"=1'-0"

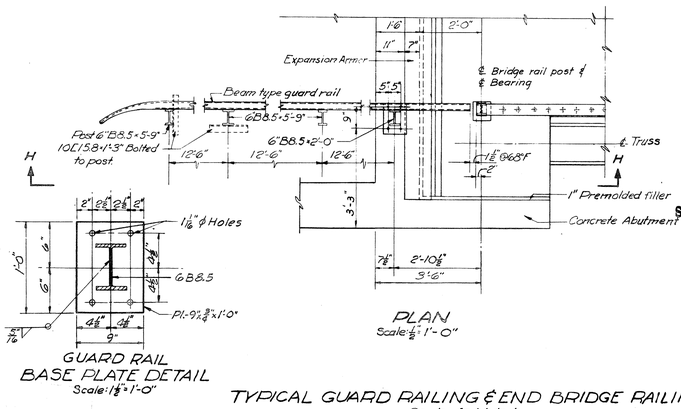


SECTION F-F
Scale 1½"=1'-0"



SECTION G-G
Scale: 1½"=1'-0"

TYPICAL EXPANSION JOINT DETAILS
Scale: As Noted



PLAN
Scale: ½"=1'-0"

GUARD RAIL BASE PLATE DETAIL
Scale: 1⅛"=1'-0"

TYPICAL GUARD RAILING & END BRIDGE RAILING
Scale: As Noted

RALPH W. HORNE
No. 71
REGISTERED PROFESSIONAL ENGINEER

SCANNED AUG 0 9 2005

DEPARTMENT OF PUBLIC WORKS
WOONSOCKET, RHODE ISLAND

SINGLETON STREET OVER BLACKSTONE RIVER

MISCELLANEOUS BRIDGE DETAILS

SCALE:- AS NOTED — MARCH 1957

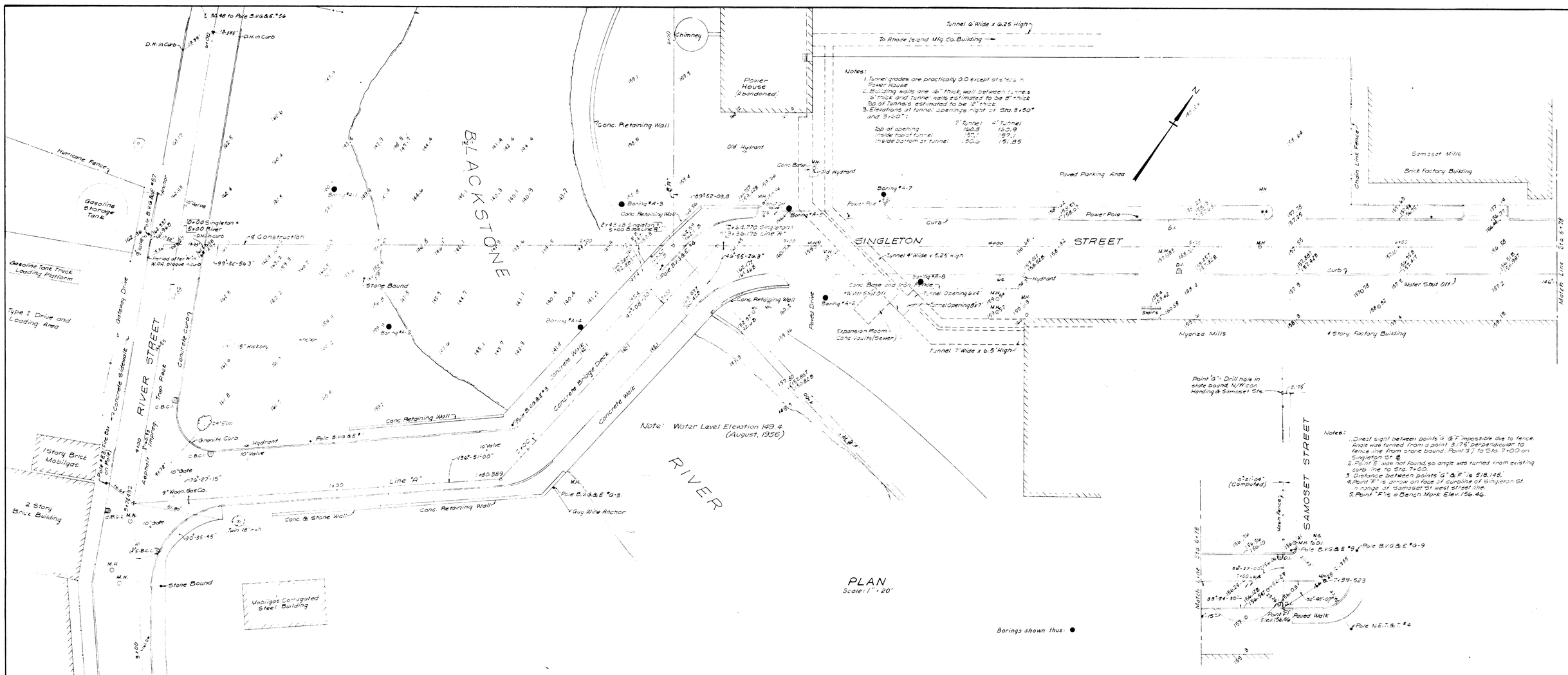
FAY, SPOFFORD & THORNDIKE, INC., ENGINEERS. BOSTON, MASS.

DES JRC DR MRL	TR PIP CHK FED JRC	FILE NO.	Vi-10
APPROVED R.W. Horne		PLAN NO.	25

CONTRACT DRAWING — SHEET NO. 5 OF 5

42-1611 E

Addendum No. 3



Notes:
1. Tunnel grades are practically 0.0 except at steps in power house.
2. Building walls are 16" thick, wall between tunnels 6" thick and tunnel walls estimated to be 8" thick. Top of Tunnels estimated to be 12" thick.
3. Elevations at tunnel openings right at Sta. 3+50" and 3+80":

	7' Tunnel	4' Tunnel
Top of opening	160.8	162.9
Inside top of tunnel	154.1	157.1
Inside bottom of tunnel	150.3	151.85

PLAN
Scale: 1" = 20'

Borings shown thus: ●

Survey Date: August 1956

NOTE:
THIS DRAWING FOR INFORMATION ONLY.
NOT PART OF THE CONTRACT DRAWINGS.

SCANNED AUG 09 2005

Notes:
1. Direct sight between points "G" & "F" impossible due to fence. Angle was turned from a point 3.75' perpendicular to fence line from stone bound. (Point "J") to Sta. 7+00 on Singleton St.
2. Point "E" was not found, so angle was turned from existing curb line to Sta. 7+00.
3. Distance between points "G" & "F" is 518.145'.
4. Point "F" is arrow on face of curbline of Singleton St. in range of Samoset St. west street line.
5. Point "F" is a Bench Mark Elev. 156.46.

BORING No. A-1

Elev. 150.3			
Fine Sand, Some organic Silt, Loose	2		
	4		
	8	1	
	8		7.0'
Fine Sand Trace of inorganic Silt Med. Compact	10		
	12	10	
	20		
	26		13.0'
Inorganic Silt Some fine sand Medium Compact	40		
	30		
	49		
	60		17.0'
Inorg. Silt & fine Sand, Compact	68		
	93		
	75		20.0'

BORING No. A-2

Elev. 153.3			
Fine Sand	3		
Trace of inorganic Silt	3		
	4		
Loose	5	3	
	5		6.0'
Fine Sand Trace of inorganic Silt Loose	12		
	14		
	14	8	
	12		11.0'
Fine Sand Trace of inorganic Silt Med. Compact	24		
	28		
	38	12	
			16.0'
Inorganic Silt Some Fine Sand, Medium Compact			
		32	
		42	21.0'
Inorganic Silt & fine Sand Compact		50	
		60	
		69	
		75	25.0'

BORING No. A-3

Elev. 152.6			
Medium to fine Sand, Trace of inorganic Silt, Loose	12		
	16		
	18		
	20		
	30	9	5.0'
Fine, gray Sand. Trace of inorganic Silt Medium Compact	35		
	26		
	31		
	29		
	35	13	
	36		
	40		
	45		
	45	19	
	63		
	70		
	71		
	68	13	
	60		
	60		
	68		
	76		
	73		
	74		
	75		
	76	18	
	78		
	77		
	61		
	65		
	68	18	
	70		
	72		
	74		
	76		
	80	22	
	91	33	31.0'
Fine gray Sand Some inorganic Silt, Compact	96	38	
	109	40	
	129	48	
	138	50	
	186		
	158		
	176		
		66	41.0'
	138		
	165		
	189		
		66	45.0'

BORING No. A-4

Elev. 142.5			
Medium Sand	10		
Fine Gravel	16		
Loose	18		
	18	8	
	20		6.0'
Fine, gray Sand Medium Compact	26		
	30		
	32	12	
	36		
	40		
	42		13.0'
Fine Sand Trace of inorganic Silt Medium Compact	46	18	
	46		
	49		
	50		
	55	18	
	58		
	58		
	60		
	64		
	68		
	70		
	72		
	74		
	76		
	80	22	
	91	33	31.0'
Fine, Gray Sand Some inorganic Silt Compact	96	38	
	109	40	
	129	48	
	138	50	
	186		
	158		
	176		
Refusal		68	40.0'

BORING No. A-5

Elev. 159.5			
Fine Sand Some inorganic Silt Loose	8		
	10		
	10		
	12		
	16	5	
	18		7.0'
Fine Sand, Trace of inorganic Silt, Loose	20		
	20		
	16	8	
	18		11.0'
Fine Sand Trace of inorganic Silt, Medium Compact	38		
	55		
	59		
	49		
	60	13	
	60		
	60		18.0'
Fine Sand Trace of inorganic Silt, Medium Compact	59		
	50	16	
	58		
	58		
	60		
	66		
	70	14	
	60		
	60		
	66		
	67		
	78		
	119	20	
	50		
	54		
	54		
	90		
	64	15	
	55		
	72		
	100		
	85		
	80	18	
	69		
	67		43.0'
Very fine Sand Some inorganic Silt Medium Compact	84		
	83	20	
	82		
	84		
	88		
	90		
		20	
		8	
		17	
		21	
		25	
		29	
		34	57.0'
Inorganic Silt Some fine Sand, Comp.		42	
		60	
		50	
		61	
		54	
		58	
		65	
		70	65.0'

BORING No. A-6

Elev. 159.6			
Fine Sand Some Fine Gravel, Trace of inorganic Silt, Loose	8		
	9		
	10		
	10		
	12	3	
	12		6.0'
Med. to fine Sand, Trace of inorganic Silt, Loose	14		
	14		
	16		
	18	6	
	16		11.0'
Fine Sand Some inorganic Silt and Gravel Compact	30		
	35		
	44		
	48	48	
	50		
	50		17.0'
Coarse to fine Sand, fine gravel, Trace of inorganic Silt, Compact	54		
	54		
	56	38	
	58		
	60		
	60		23.0'
Fine Sand, some inorganic Silt and Gravel Compact	58		
	56	32	
	68		
	70		
	74		28.0'
Fine, gray Sand Trace of inorg. Silt, Med. Comp.	76		
	78	80	
	86		
	88		32.0'
Fine, gray Sand, Trace of inorganic Silt, Compact	99		
	97		
	101	54	
	110		
	130		
	150		
	168		
		160	40.0'

BORING No. A-7

Elev. 159.3			
Medium to fine Sand Trace of inorganic Silt Loose	5		
	5		
	6		
	7	5	
	7		7.0'
Medium to fine Sand & Fine Gravel, Trace of inorg. Silt	18		
	20		
	20	21	
Med. Comp.	38		11.0'
Fine Sand Some inorganic Silt & Gravel, Comp.	48		
	50	55	
	110		
	200		17.0'
Refusal			

BORING No. A-8

Elev. 159.6			
Medium to fine Sand Some Mica Loose	6		
	8		
	9		
	9	5	
	10		
	12		7.0'
	14		
	16		
	16	13	
	18		
	22		12.0'
Med. to fine Sand & Gravel, Trace of inorg. Silt, Compact	28		
	36		
	46	38	
	63		
	50		
	50		19.0'
Fine Sand Trace of inorganic Silt, Medium Compact	44	21	
	44		
	46		
	46		
	48		
	50	26	
	52		
	54		
	56		
	60		
	58		
	68		
	30		
	30		
	32		
	34		33.0'
Fine Sand Trace of inorganic Silt, Compact	38		
	40		
	44		
	48		
	50		
	52		
	54		42.0'
Fine Sand, Some inorg. Silt, Comp.	60		
	68		45.0'

* Medium to fine Sand & Gravel Trace of inorg. Silt, Med. Comp.

Scale: 1/8" = 1'-0" Vert.

BORING NOTES

Boring data shown is from borings made by the American Drilling Company, Inc. during September and October 1956.
Figures in middle column indicate number of blows required to drive the casing one foot using 250 lb. weight falling 18 inches.
Figures in right hand column indicate number of blows required to drive 2 inch o.d. sample spoon one foot using 140 lb. weight falling 30 inches.
Elevations are based on Bench Mark Data furnished by the U.S. Army Corps of Engineers.
▽ Indicates ground water elevation.

DEPARTMENT OF PUBLIC WORKS
WOONSOCKET, RHODE ISLAND

SINGLETON STREET OVER BLACKSTONE RIVER

SURVEY PLAN AND BORING DATA

SCALE: AS NOTED — MARCH 1957

FAY, SPOFFORD & THORNDIKE, INC., ENGINEERS. BOSTON, MASS.

DES DR MRL	TR CHK JRC	FILE NO. VI-10
APPROVED		PLAN NO. 26

INFORMATION DRAWING SHEET 5A A OF 5

Addendum No. 3

Note: Point "I" is chiseled "X" on top of hydrant on west side of River Street and is approximately 200' north of bridge over Blackstone River. Point "I" is a Bench Mark. Elev. 161.52.

Note: All existing manholes and valves within limits of contract will be raised by others except as noted. All existing poles and hydrants within limits of contract will be relocated by others.

PLAN
Scale: 1" = 20'

PROFILE THROUGH ACCESS RAMP
Scale: 1/8" = 1'-0"

LOCATION MAP

Note: Catch basin to be raised shall have top rebuilt to suit finished grades and existing granite slab shall be reused. New Catch basin shall be built in accordance with City of Woonsocket Standard Drawing No. 680.

INDEX

CONTRACT DRAWINGS

SHEET NO.	TITLE
1 of 6	General Plan and Elevation
2 of 6	West Abutment
3 of 6	East Abutment
4 of 6	Deck Cross Section and Stress Table
5 of 6	Truss Details
6 of 6	Miscellaneous Bridge Details
INFORMATION DRAWING	
A	Survey Plan and Boring Data

GENERAL NOTES

1. Design is in accordance with the following: Standard Specifications for Highway Bridges of the AASHO, 1953. Standard Specifications for Road and Bridge Construction of the State of Rhode Island, 1946 (including Special Provisions, 1956)
2. Design Live Load - H20-S16
3. Allowable Stresses:
   Structural Steel 18,000 lbs. per sq. in.
   Reinforcing Steel 20,000 lbs. per sq. in.
4. All reinforcement shall be intermediate grade new billet steel.
5. All concrete shall be Class "A", having a minimum compressive strength at 28 days of 3000 lbs. per sq. in unless otherwise noted.
6. Quantities shown are approximate and should be verified by the contractor before preparing his bid.
7. Footing elevations shown may be modified by the Engineer in order to secure a satisfactory foundation.
8. Elevations are based on Bench Mark Data furnished by the U.S. Army, Corps of Engineers.
9. The minimum overhead clearance at the center line of roadway shall be 15'-2".

ELEVATION
Scale: 1" = 20'

PROFILE
Scales: Hor. 1" = 20' Vert. 1" = 10'

CROSS SECTION APPROACH ROADWAY
Scale: 1/8" = 1'-0"

DECK CROSS SECTION
(Looking East)
Scale: 1/4" = 1'-0"

ESTIMATED QUANTITIES

ITEM	DESCRIPTION	UNIT	QUANTITY
1	Unclassified Excavation	C.Y.	220
2	Trench Earth, Excavation	C.Y.	65
3	Borrow Outside Location - Selected	C.Y.	450
4	Gravel Foundations Type A, (12" Thick)	C.Y.	470
5	Crushed Stone Base Course	Tons	400
6	Filler for Base Course (Sand)	C.Y.	60
7	Asphaltic Concrete Pavement (Hot Mix) Class I, Type I-1 (3" thick)	S.Y.	1370
8	Furnishing, Hauling, Heating and Applying Bituminous Material (MC-0)	Gals	685
9	Furnish and Lay 12" V.C. Pipe	L.F.	25
10	Furnish and Lay 18" V.C. Pipe	L.F.	40
12	Constructing Catch Basins	Each	1
13	Reconstructing Catch Basins	Each	1
16	Granite Curb, Straight, Removed and Reset	L.F.	645
18	Granite Corner Curb Removed and Reset	Each	6
19	Bituminous Concrete Sidewalks, Class I w/foundation	S.Y.	110
21	Gravel Sidewalks	S.Y.	270
22	Steel Beam-Type Guardrail, complete in place	L.F.	275
25	Structure Excavation Unclassified	C.Y.	2130
27	Cofferdam and Pumping	L.S.	1
28	Steel Sheet Piles left in place	S.F.	3300
29	Structure Concrete, Class Y, Footings	C.Y.	425
30	Structure Concrete, Class Y, Abutments and Walls above Footings	C.Y.	610
32	Structure Concrete, Class A, Abutments and Walls above Footing	C.Y.	75
33	Structure Concrete Class A, A.E. deck and walks	C.Y.	335
34	Reinforcement Bars	Lbs.	76,500
35	Steel superstructure, incl. trusses, floor system and railing. Furnish, erect and paint, complete.	L.S.	1
36	Crushed stone for abutment drainage	C.Y.	25

APPROVED C. G. Hammann
DIRECTOR OF PUBLIC WORKS

SCANNED AUG 09 2005

RALPH W HORNE No. 71 REGISTERED PROFESSIONAL ENGINEER

DEPARTMENT OF PUBLIC WORKS
WOONSOCKET, RHODE ISLAND

RIVER STREET OVER BLACKSTONE RIVER

GENERAL PLAN AND ELEVATION

SCALE:- AS NOTED 195

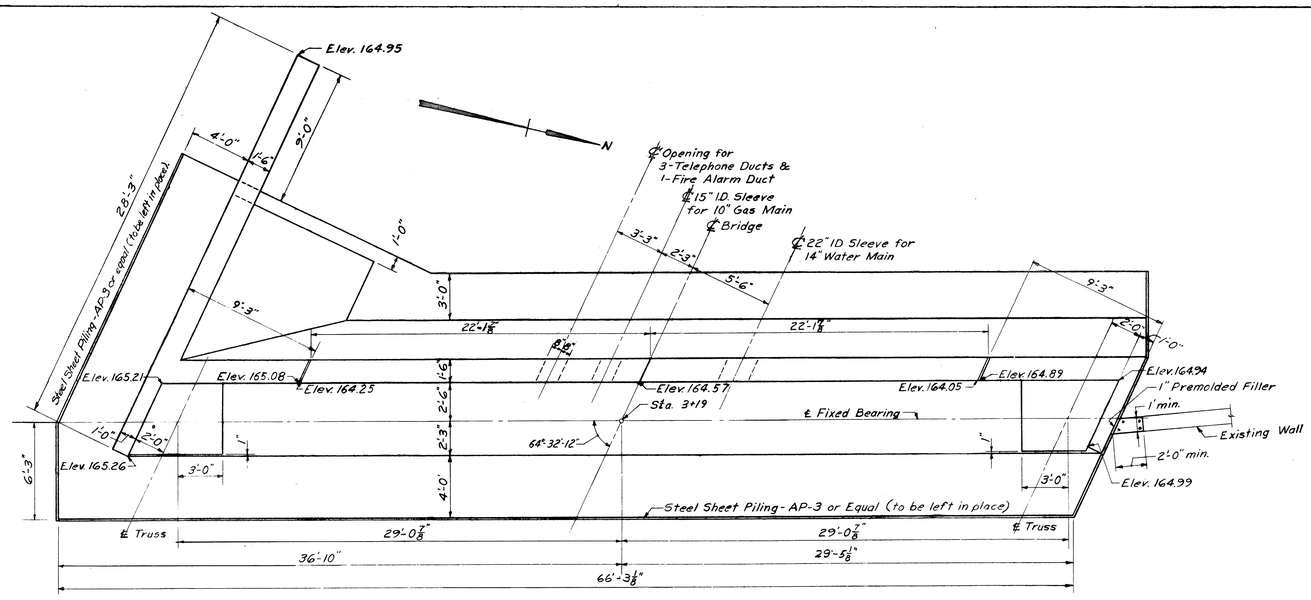
FAY, SPOFFORD & THORNDIKE, INC., ENGINEERS, BOSTON, MASS.

DES JRC	TR LAL	FILE NO. VI-10
DR LAL	CHK JRC	
APPROVED R. W. Horne		PLAN NO. 8

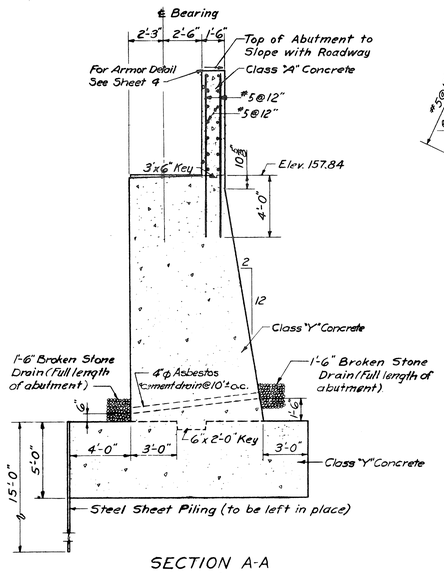
CONTRACT DRAWING SHEET NO. 1 OF 6

42-1618 A 1/2

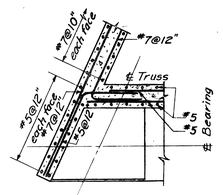
Addendum No. 3



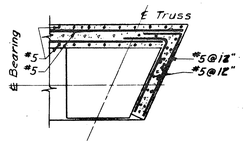
PLAN
Scale: 1/4" = 1'-0"



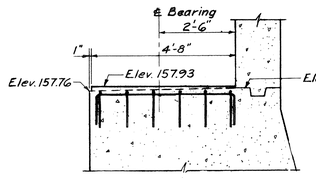
SECTION A-A
Scale: 1/4" = 1'-0"



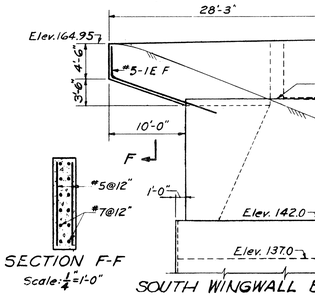
SECTION B-B
Scale: 1/4" = 1'-0"



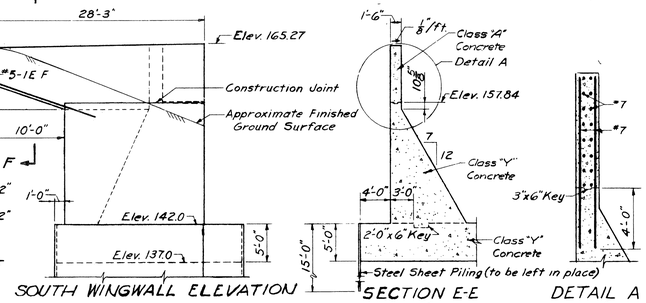
SECTION C-C
Scale: 1/4" = 1'-0"



SECTION D-D
Scale: 1/2" = 1'-0"



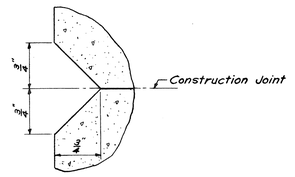
SECTION F-F
Scale: 1/4" = 1'-0"



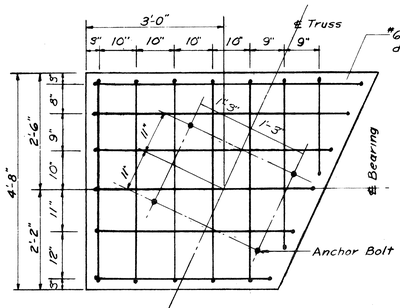
SOUTH WINGWALL ELEVATION
Scale: 1/8" = 1'-0"

SECTION E-E
Scale: 1/4" = 1'-0"

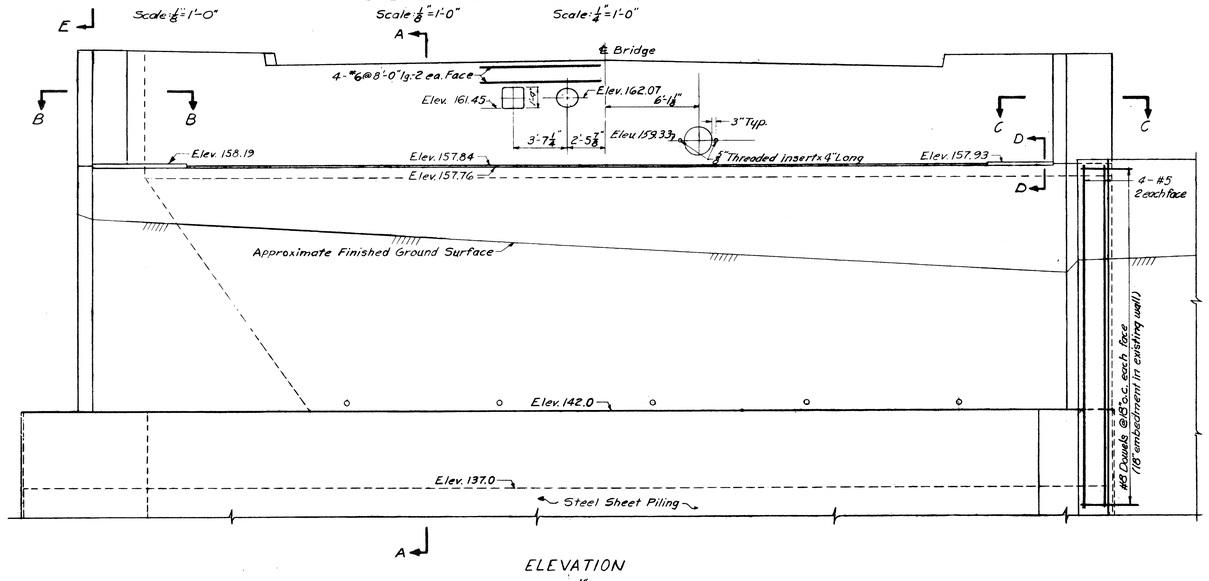
DETAIL A
Scale: 1/4" = 1'-0"



DETAIL OF CONSTRUCTION JOINT
Scale: Full Size



DETAIL OF BEARING PAD & DISTRIBUTION STEEL - TYPICAL
Scale: 3/4" = 1'-0"



ELEVATION
Scale: 1/4" = 1'-0"

Notes:
All exposed edges of concrete shall have ¾" chamfer.
For location of anchor bolts, see sheet 5.
Bearing pads shall be cast monolithically with abutment and shall be of sufficient height to permit bush hammering or grinding to proper elevation.
Concrete cover for reinforcement shall be 2" minimum.
Abutment footing shall be on firm soil capable of supporting 4 tons per sq. ft.
If actual conditions vary from those shown on the drawing, the Engineer shall be notified.

SCANNED AUG 0 9 2005

RALPH W. HORNE
No. 71
REGISTERED PROFESSIONAL ENGINEER

DEPARTMENT OF PUBLIC WORKS
WOONSOCKET, RHODE ISLAND

RIVER STREET OVER BLACKSTONE RIVER

WEST ABUTMENT

SCALE: AS NOTED 195

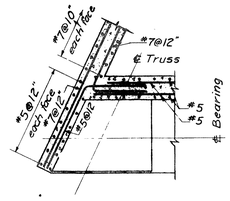
FAY, SPOFFORD & THORNDIKE, INC., ENGINEERS, BOSTON, MASS.

DES GCB	TR 686	FILE NO. Vi-10
DR MRL	CHK RAF	
APPROVED R.W. Horne		PLAN NO. 27

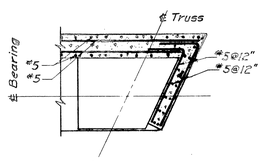
CONTRACT DRAWING SHEET NO. 2 OF 6

42-1618 B

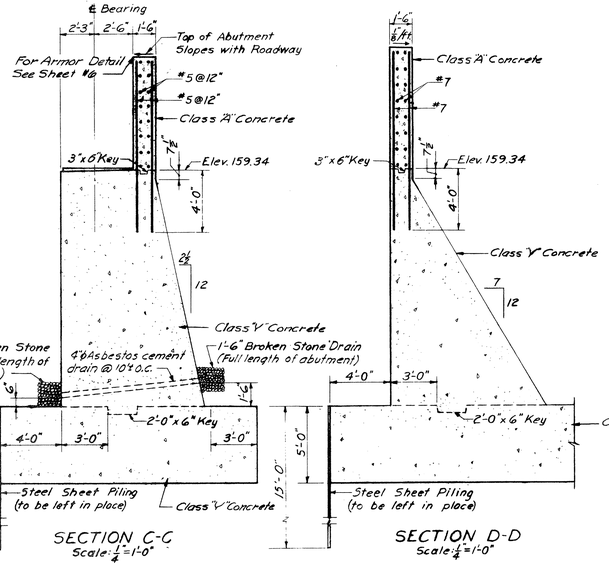
Addendum No. 3



SECTION A-A
Scale: $\frac{1}{4}$"=1'-0"

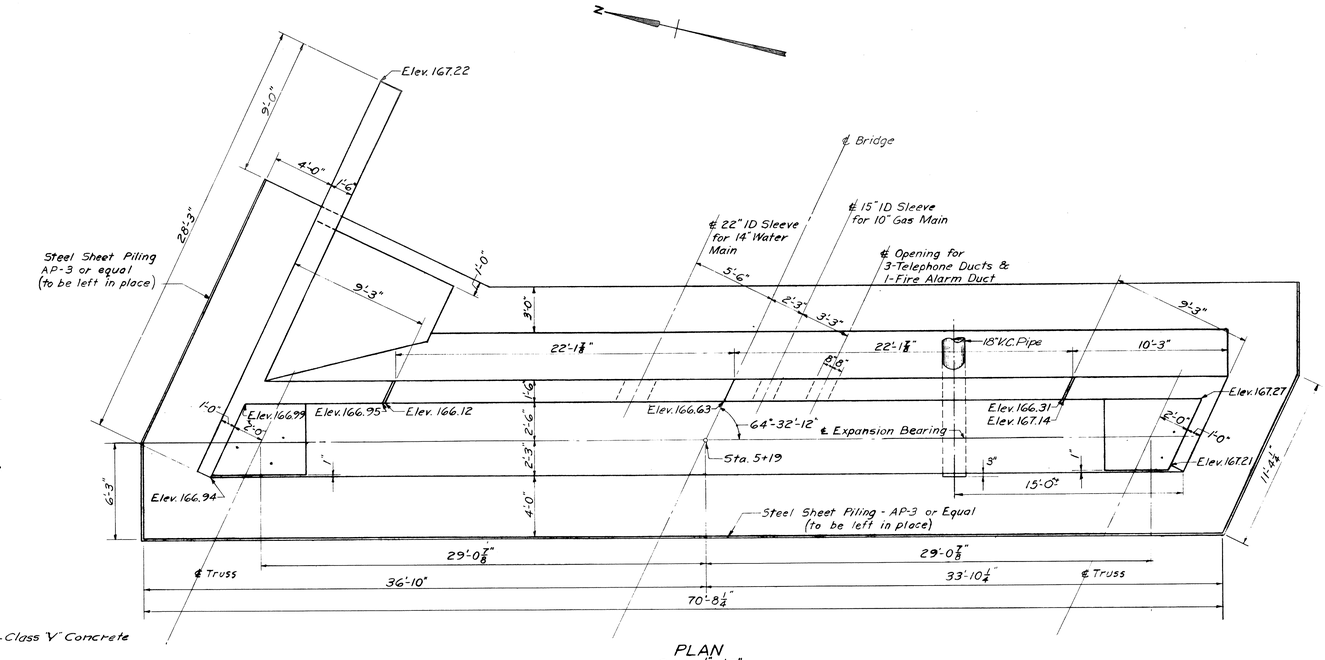


SECTION B-B
Scale: $\frac{1}{4}$"=1'-0"

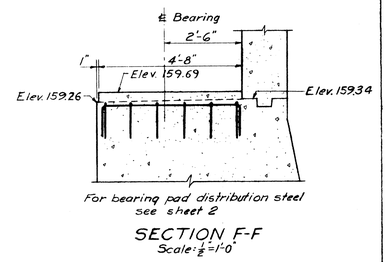


SECTION C-C
Scale: $\frac{1}{4}$"=1'-0"

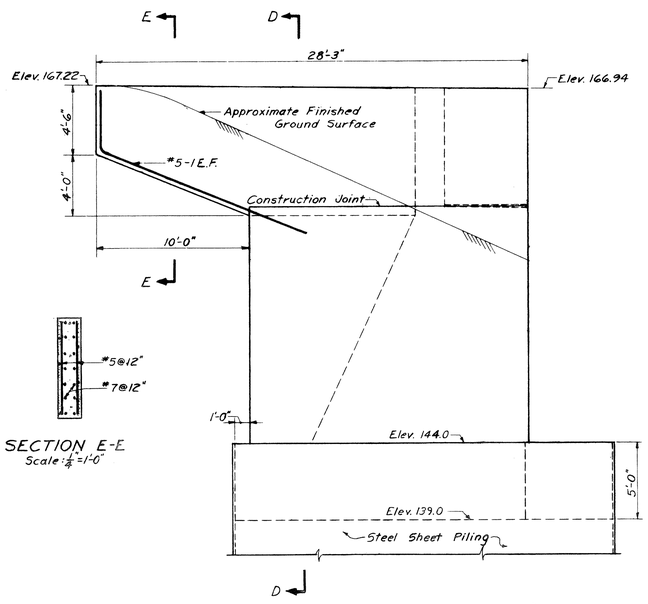
SECTION D-D
Scale: $\frac{1}{4}$"=1'-0"



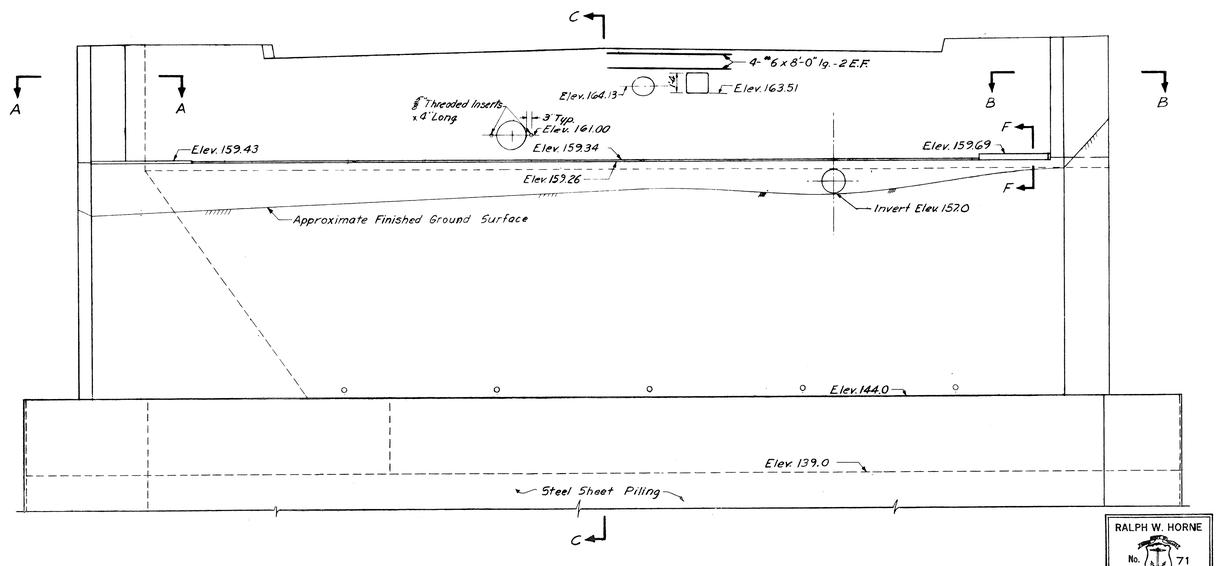
PLAN
Scale: $\frac{1}{4}$"=1'-0"



SECTION F-F
Scale: $\frac{1}{2}$"=1'-0"



NORTH WINGWALL ELEVATION
Scale: $\frac{1}{4}$"=1'-0"



ELEVATION
Scale: $\frac{1}{4}$"=1'-0"

Notes:
All exposed edges of concrete shall have ¾" chamfer.
For location of anchor bolts, see sheet 5.
Bearing pads shall be cast monolithically with abutment and shall be of sufficient height to permit bush hammering or grinding to proper elevation.
Concrete cover for reinforcement shall be 2" minimum.
Abutment footing shall be on firm soil capable of supporting 4 tons per sq. ft.
If actual conditions vary from those shown on the drawing, the Engineer shall be notified.

SCANNED AUG 0 9 2005

RALPH W. HORNE
No. 71
REGISTERED PROFESSIONAL ENGINEER

DEPARTMENT OF PUBLIC WORKS
WOONSOCKET, RHODE ISLAND

RIVER STREET OVER BLACKSTONE RIVER

EAST ABUTMENT

SCALE: AS NOTED 195

FAY, SPOFFORD & THORNDIKE, INC., ENGINEERS, BOSTON, MASS.

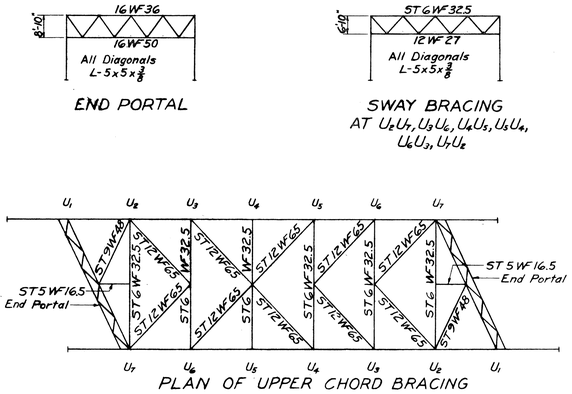
DES GCB	TR SSS	FILE NO.	Vi-10
DR SSS	CHK RAF		
APPROVED R.W. Horne		PLAN NO.	28

CONTRACT DRAWING SHEET NO. 3 OF 6

42-1618 C

Vi-10 EAST ABUT (Expansion) RIVER ST.

Addendum No. 3

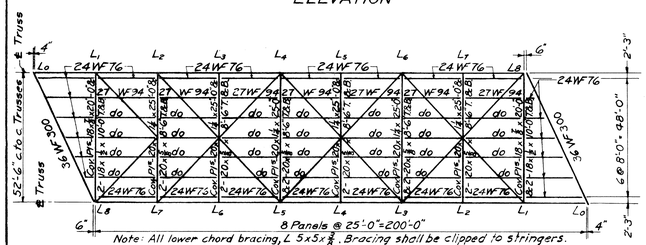


END PORTAL

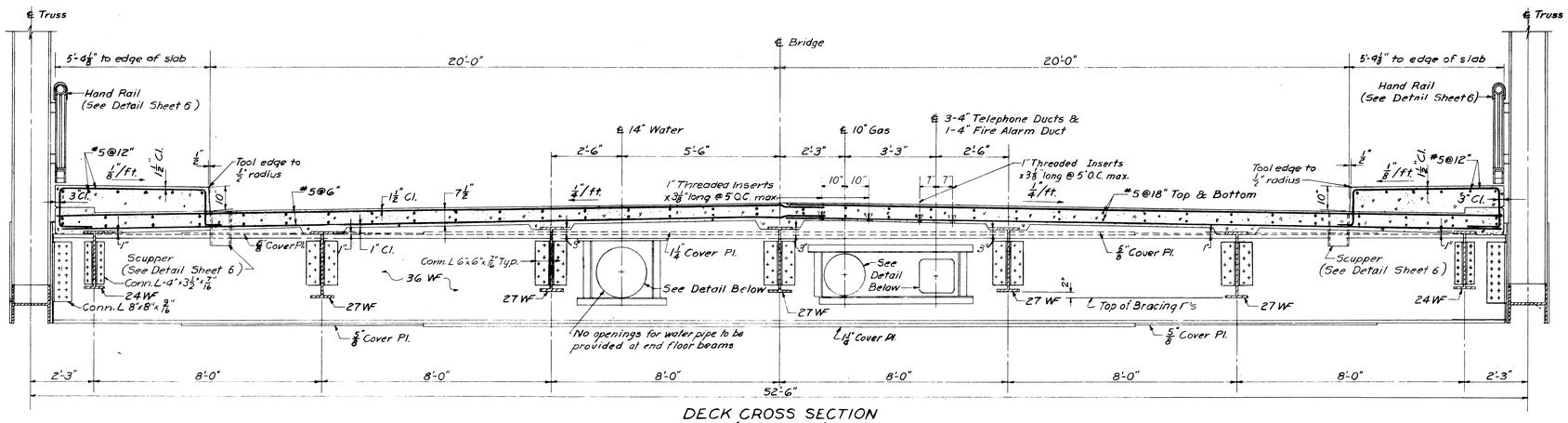
SWAY BRACING AT U_2U_7, U_3U_6, U_4U_5, U_5U_4, U_6U_3, U_7U_2

PLAN OF UPPER CHORD BRACING

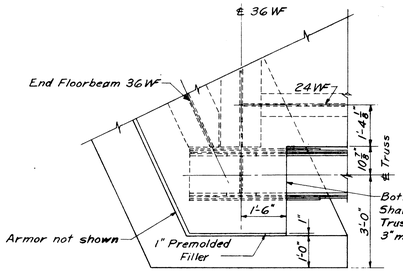
ELEVATION



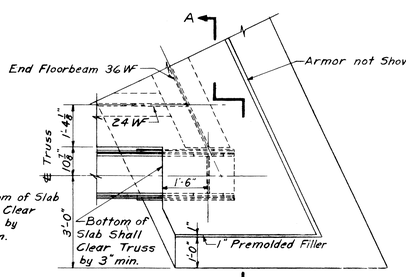
FRAMING PLAN
No Scale



DECK CROSS SECTION
(Looking East)
Scale: ⅜"=1'-0"

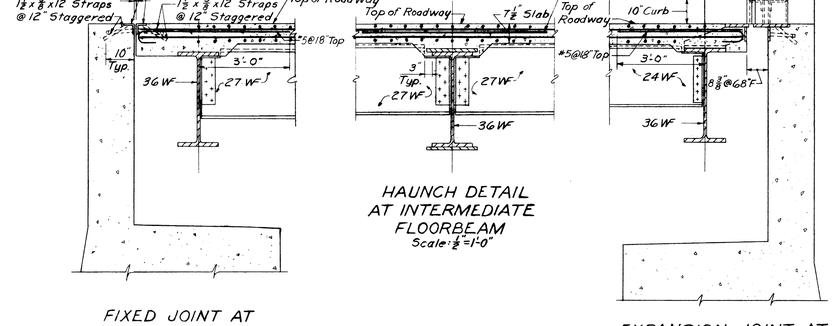


WEST ABUTMENT



EAST ABUTMENT

CORNER DETAILS AT SOUTH SIDE OF BRIDGE
NORTH SIDE SIMILAR
Scale: ½"=1'-0"



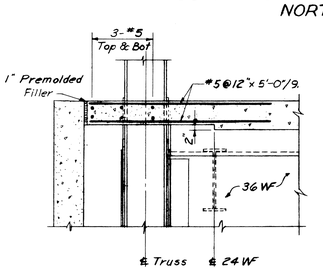
HAUNCH DETAIL AT INTERMEDIATE FLOORBEAM
Scale: ½"=1'-0"

FIXED JOINT AT WEST ABUTMENT
Scale: ½"=1'-0"

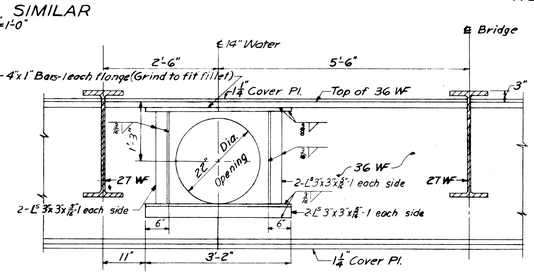
EXPANSION JOINT AT EAST ABUTMENT
Scale: ½"=1'-0"

STRESS TABLE

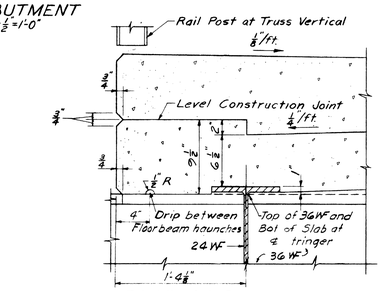
MEMBER	SECTION		AREA SQUARE INCHES	LENGTH FEET	r INCHES	ALLOWABLE STRESS K/in²	DESIGN LOADS-KIPS DEAD	LIVE	IMPACT	TOTAL
L_0L_2, L_7L_8	14 WF 158	Y	N=34.33 G=46.47	25.0	X=6.40 Y=4.00	18.0	+437	+118.4	+15.4	+570.8
L_2L_4, L_4L_7	14 WF 342	H	N=75.29 G=100.59	25.0	X=6.99 Y=4.24	18.0	+936	+253.5	+32.8	+1222.3
U_1U_3, U_5U_7	14 WF 264	H	G=77.63	25.0	X=6.74 Y=4.14	13.7	-749	-202.7	-26.2	-977.9
U_3U_4, U_4U_5	14 WF 342	H	G=100.59	25.0	X=6.99 Y=4.24	13.75	-1000	-270.6	-35.0	-1305.6
L_0U_1, U_7L_8	14 WF 314	H	G= 92.30	36.07	X=6.90 Y=4.20	12.3	-632	-184.9	-24.3	-841.2
U_1L_1, U_6L_7	14 WF 61	H	N=15.05 G=17.94	26.0	X=5.98 Y=2.45	18.0	+129.9	+88.7	+23.8	+242.4
U_1L_2, L_6U_7	14 WF 167	H	N=37.86 G=49.09	36.07	X=6.42 Y=4.01	18.0	+450	+143.3	+20.6	+613.9
U_2L_2, U_6L_6	16 WF 88	H	G=25.87	26.0	X=6.87 Y=2.67	11.6	-10.5	—	—	-10.5
L_2U_3, U_5L_6	14 WF 136	H	G=39.98	36.07	X=6.31 Y=3.77	11.7	-270	-107.0	-17.3	-394.3
U_3L_3, U_5L_5	16 WF 58	H	N=14.14 G=17.04	26.0	X=6.62 Y= 1.88	18.0	+129.9	+88.7	+23.8	+242.4
U_3L_4, L_4U_5	16 WF 88	H	N=22.30 G=25.87	36.07	X=6.87 Y=2.67	18.0	+90.1	+75.9	+13.8	+179.8
U_4L_4	16 WF 88	H	G=25.87	26.0	X=6.87 Y=2.67	11.6	-10.5	—	—	-10.5



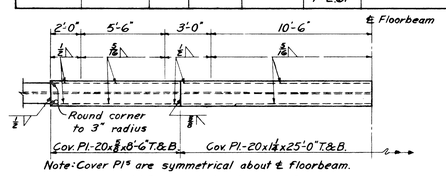
SECTION A-A
Scale: ½"=1'-0"



Note: Openings to be elongated as required in skew floorbeams

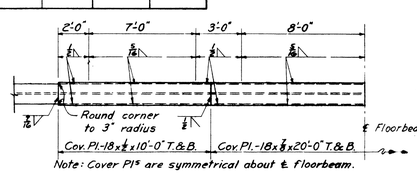


EDGE OF SLAB DETAIL
Scale: ½"=1'-0"



Note: Cover Pl's are symmetrical about ℄ Floorbeam.

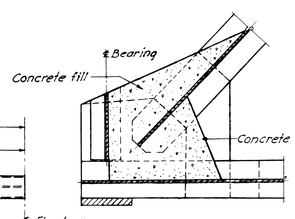
ALL INTERMEDIATE FLOORBEAMS



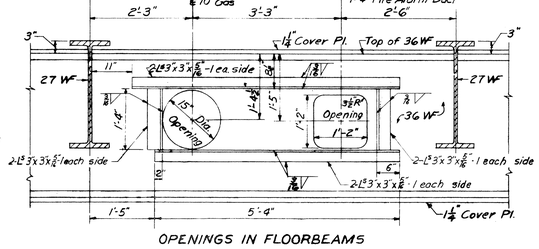
Note: Cover Pl's are symmetrical about ℄ Floorbeam.

END SQUARE FLOORBEAMS

FLOORBEAM COVER PLATE DETAILS
Scale: ¼"=1'-0"

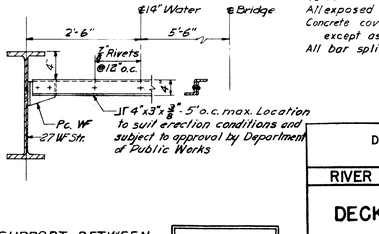


CONCRETE FILL AT ENDS OF TRUSSES
Scale: ½"=1'-0"



OPENINGS IN FLOORBEAMS

UTILITY SUPPORT DETAILS
Scale: ½"=1'-0"



SUPPORT BETWEEN FLOORBEAMS.

Notes:
All exposed edges of concrete shall have ¾" chamfer.
Concrete cover for reinforcement shall be 2" minimum except as noted.
All bar splices shall be 24 diameters.

RALPH W. HORNE No. 71 REGISTERED PROFESSIONAL ENGINEER

DEPARTMENT OF PUBLIC WORKS
WOONSOCKET, RHODE ISLAND

RIVER STREET OVER BLACKSTONE RIVER

DECK CROSS SECTION AND STRESS TABLE

SCALE: AS NOTED 1965

FAY, SPOFFORD & THORNDIKE, INC., ENGINEERS, BOSTON, MASS.

DES FED DR JPR | TR 995 CHK FED JRC | FILE NO. Vi-10

APPROVED R.W. Horne | PLAN NO. 29

CONTRACT DRAWING SHEET NO. 4 OF 6

SCANNED AUG 8 2005

42-1618 D

Addendum No. 3

PART ELEVATION END PORTAL
Scale: 1/4"=1'-0"

SECTIONAL ELEVATION
Scale: 1/8"=1'-0"

PART PLAN UPPER CHORD BRACING
Scale: 1/8"=1'-0"

PART PLAN LOWER CHORD BRACING
Scale: 1/8"=1'-0"

SECTION Y-Y
Scale 1/8"=1'-0"

SECTION X-X
Scale 1/8"=1'-0"

PART ELEVATION
SWAY BRACING AT U_4-L_6-L_6-L_5-L_5-U_4-U_4-L_5-L_5-U_6-U_6-L_6-L_6-U_4
Scale: 1/8"=1'-0"

Notes:
For general notes see sheet 1.
All rivets in floorbeam and truss connections - 7/8" ϕ.
All rivets in stringer, bracing and portal connections - 3/4" ϕ.
Field holes 1 1/16" ϕ for 1" ϕ rivets and 1 5/16" ϕ for 1 1/8" ϕ rivets.
Open holes as noted.
All field connection holes shall be sub punched and reamed.
Trusses shall be cambered for dead load deflection of 2 1/2" at the center.

DEPARTMENT OF PUBLIC WORKS	
WOONSOCKET, RHODE ISLAND	
RIVER STREET OVER BLACKSTONE RIVER	
TRUSS DETAILS	
SCALE:- AS NOTED	195
FAY, SPOFFORD & THORNDIKE, INC., ENGINEERS, BOSTON, MASS.	
DES FED / DR NMD / TR RWK / CHK FED	FILE NO. Vi-10
APPROVED R.W. Horne	PLAN NO. 30

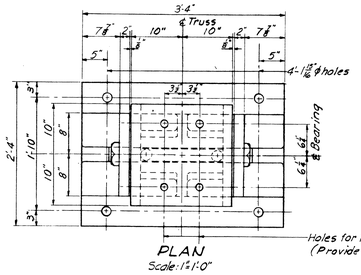
RALPH W. HORNE No. 71 REGISTERED PROFESSIONAL ENGINEER

CONTRACT DRAWING SHEET NO. 5 OF 6

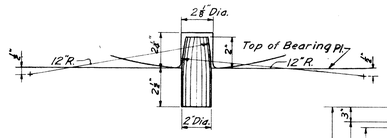
SCANNED AUG 09 2005

42-1618 E

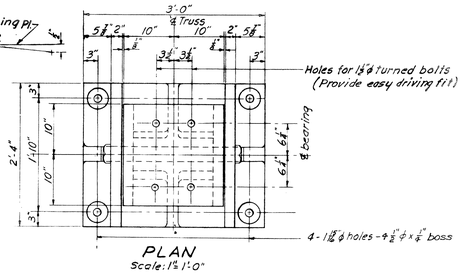
Addendum No. 3



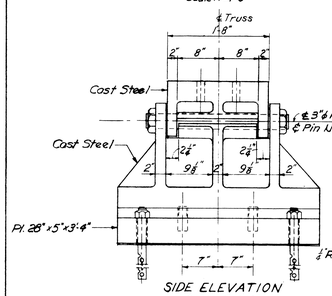
PLAN
Scale: 1½"=1'-0"



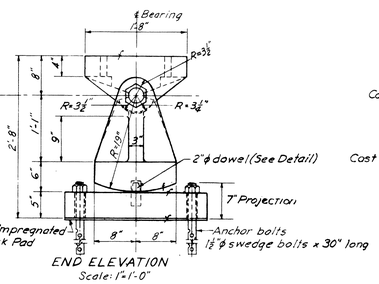
DETAIL OF DOWEL
Scale: 3"=1'-0"



PLAN
Scale: 1½"=1'-0"

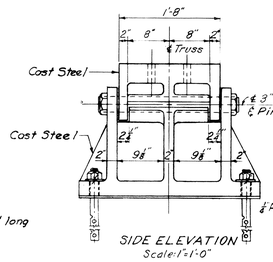


SIDE ELEVATION
Scale: 1"=1'-0"

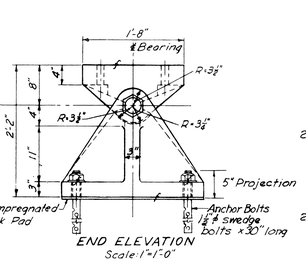


END ELEVATION
Scale: 1"=1'-0"

EXPANSION BEARING
Scale: As Noted



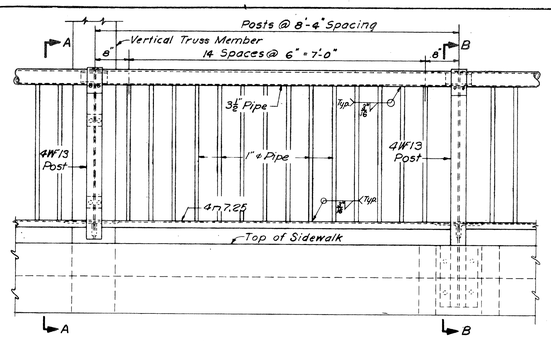
SIDE ELEVATION
Scale: 1"=1'-0"



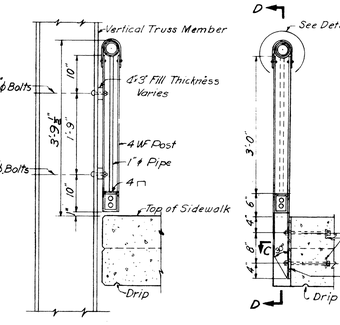
END ELEVATION
Scale: 1"=1'-0"

FIXED BEARING
Scale: As Noted

Note:
Bearings shall be cast steel conforming to A.S.T.M. spec. A-27-52T grade 65-35.

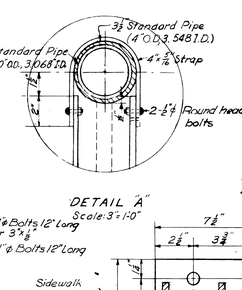


ELEVATION OF RAILING
Scale: ¾"=1'-0"

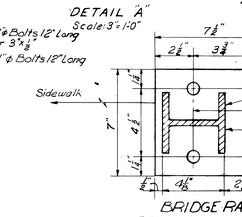


SECTION A-A
Scale: ¾"=1'-0"

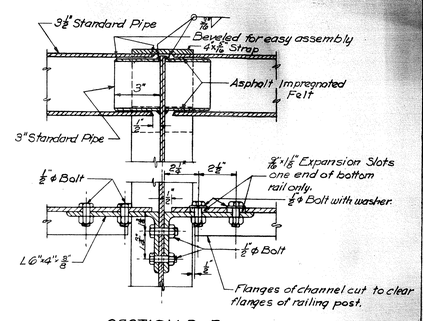
SECTION B-B
Scale: ¾"=1'-0"



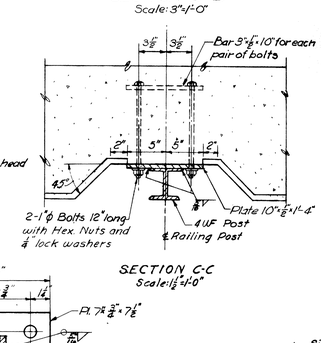
DETAIL "A"
Scale: 3"=1'-0"



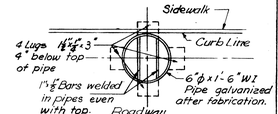
BRIDGE RAIL
BASE PLATE DETAIL
Scale: 1½"=1'-0"



SECTION D-D
Scale: 3"=1'-0"

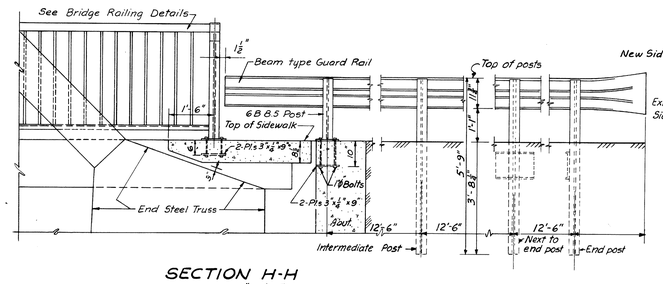


SECTION C-C
Scale: 1½"=1'-0"

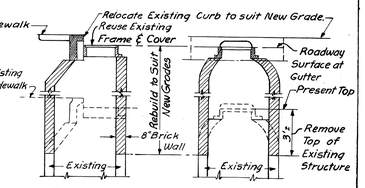


SCUPPER DETAILS
Scale: 1½"=1'-0"

TYPICAL BRIDGE RAILING DETAILS
Scale: As Noted

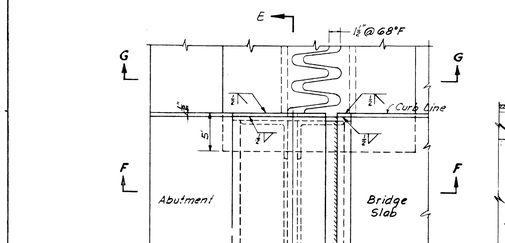


SECTION H-H
Scale: ½"=1'-0"

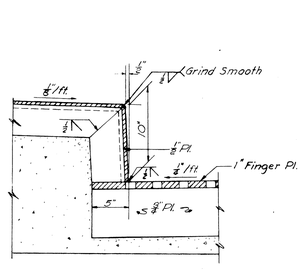


Note: For details of catch basin construction, see City of Woonsocket Standard Drawing No. 680.

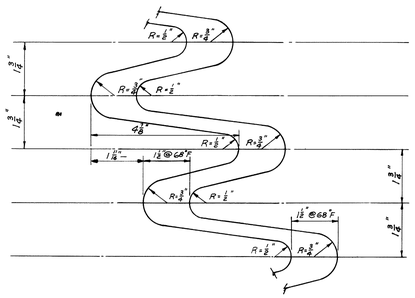
DETAIL FOR RAISING CATCH BASINS
Scale: ½"=1'-0"



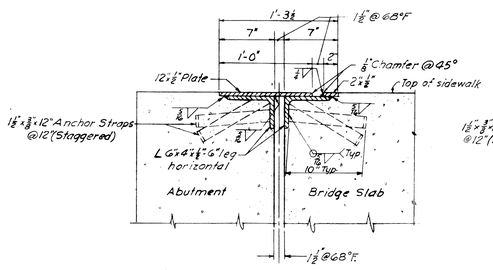
PART PLAN OF EXPANSION JOINT
(Skew not shown)
Scale 1½"=1'-0"



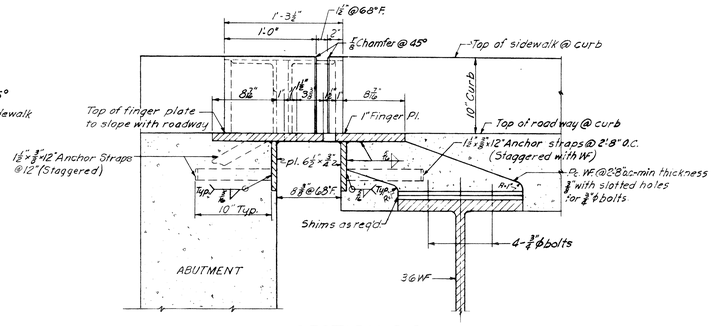
SECTION E-E
Scale: 1½"=1'-0"



FINGER JOINT DETAIL
SKEW SPAN
Scale: 6"=1'-0"

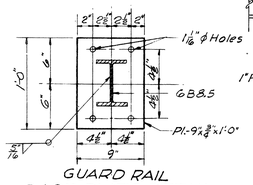


SECTION F-F
Scale 1½"=1'-0"

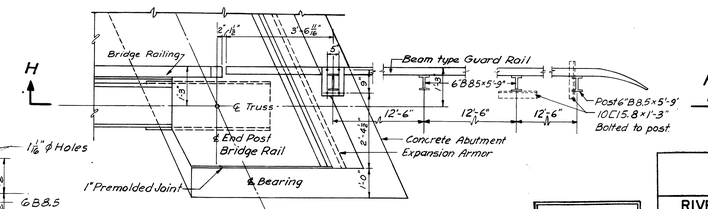


SECTION G-G
Scale: 1½"=1'-0"

TYPICAL EXPANSION JOINT DETAILS
Scale: As Noted



GUARD RAIL
BASE PLATE DETAIL
Scale: 1½"=1'-0"



PLAN
Scale: ½"=1'-0"

TYPICAL GUARD RAILING & END BRIDGE RAILING
Scale: As Noted

RALPH W. HORNE
No. 71
REGISTERED PROFESSIONAL ENGINEER

DEPARTMENT OF PUBLIC WORKS
WOONSOCKET, RHODE ISLAND

RIVER STREET OVER BLACKSTONE RIVER

MISCELLANEOUS BRIDGE DETAILS

SCALE:- AS NOTED 195

FAY, SPOFFORD & THORNDIKE, INC., ENGINEERS. BOSTON, MASS.

DES JRC DR MRL	TR PIP CHK FED JRC	FILE NO.	Vi-10
APPROVED R. W. Horne		PLAN NO.	31

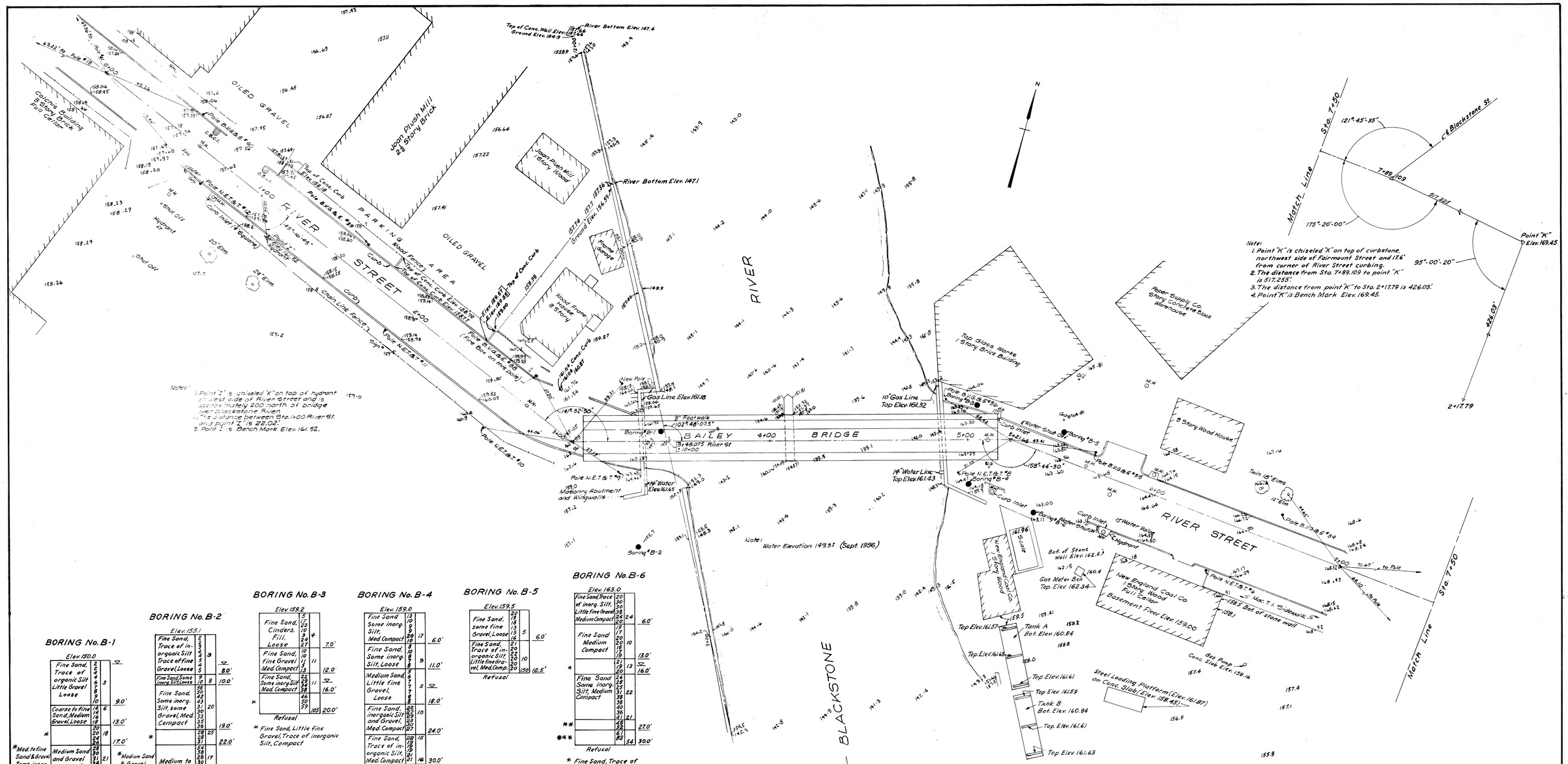
CONTRACT DRAWING SHEET NO. 6 OF 6

42-1618 F [redacted]

Addendum No. 3

SCANNED AUG 09 2005 ING & MISC. DET'S. Vi-10

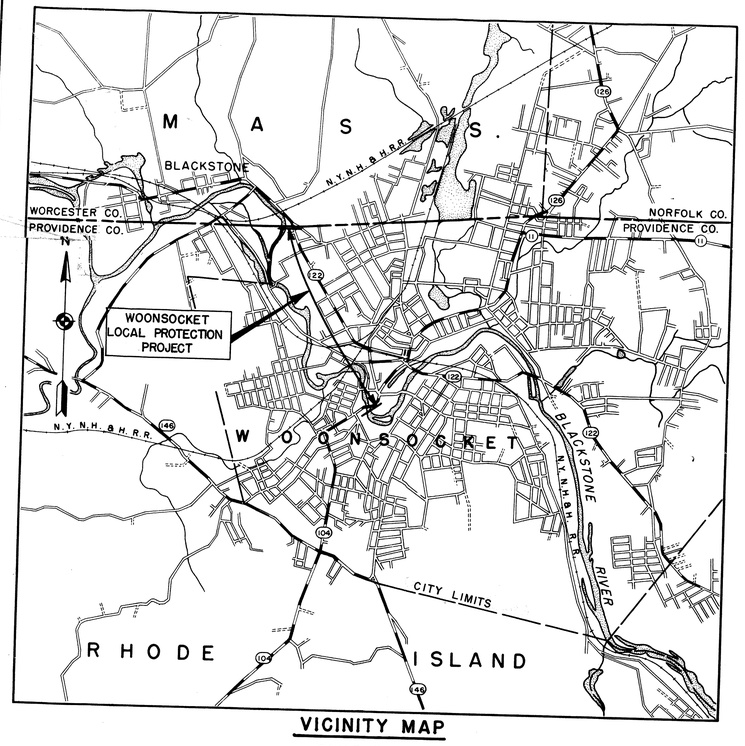
4


OILED GRAVEL
Joan Plush Mill 2½ Story Brick
Joan Plush Mill Story Wood
PARKING AREA
Wood Fence
Top of Conc. Curb
Curb Inlet
Pole B.V.& E. #99
Pole B.V.& E. #98
Pole N.E.T.& T. #2
Pole N.E.T.& T. #3
Pole N.E.T.& T. #10
Pole N.E.T.& T. #11
Pole B.V.& E. #97
Pole B.V.& E. #96
Pole B.V.& E. #95
Pole B.V.& E. #94
Pole N.E.T.& T. #18
Pole N.E.T.& T. #19
Pole N.E.T.& T. #20
Pole N.E.T.& T. #21
Pole N.E.T.& T. #22
Pole N.E.T.& T. #23
Pole N.E.T.& T. #24
Pole N.E.T.& T. #25
Pole N.E.T.& T. #26
Pole N.E.T.& T. #27
Pole N.E.T.& T.

U.S. ARMY

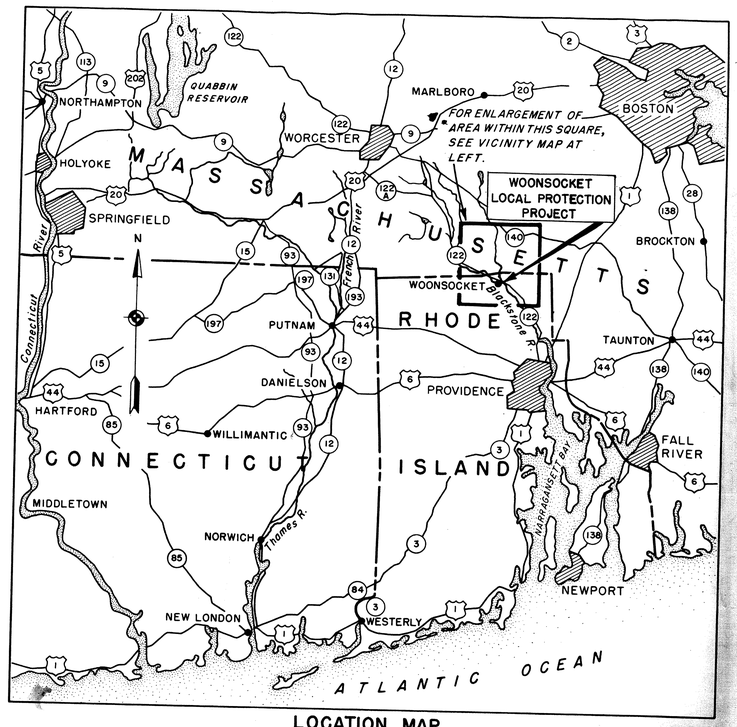
INDEX TO DRAWINGS

SHEET NO.	TITLE	FILE NO.
1	LOCATION, INDEX AND GENERAL PLAN	BE-1-1095
2	ALIGNMENT & CONTRACTOR'S WORK AREA - PART 1	BE-1-1096
3	ALIGNMENT & CONTRACTOR'S WORK AREA - PART 2	BE-1-1097
4	ALIGNMENT & CONTRACTOR'S WORK AREA - PART 3	BE-1-1098
5	ALIGNMENT & CONTRACTOR'S WORK AREA - PART 4	BE-1-1099
6	ALIGNMENT & CONTRACTOR'S WORK AREA - PART 5	BE-1-1100
7 ①	CHANNEL IMPROVEMENT - PART 1	BE-1-1101
8	CHANNEL IMPROVEMENT - PART 2	BE-1-1102
9	CHANNEL IMPROVEMENT - PART 3	BE-1-1103
10	CHANNEL IMPROVEMENT - PART 4	BE-1-1104
11 ②	CHANNEL IMPROVEMENT - PART 5	BE-1-1105
12	CHANNEL IMPROVEMENT - PART 6	BE-1-1106
13	CHANNEL IMPROVEMENT - PART 7	BE-1-1107
14	CHANNEL IMPROVEMENT - PART 8	BE-1-1108
15	CHANNEL IMPROVEMENT - PART 8A	BE-1-1109
16	CHANNEL IMPROVEMENT - PARTS 8 & 8A - TYPICAL SECTIONS	BE-1-1110
17	MISCELLANEOUS DETAILS	BE-1-1111
18	DIKE NO. 1 - PLAN & SECTION	BE-1-1112
19	DIKE NO. 2 - PLAN, PROFILE & SECTION	BE-1-1113
20	DIKES NO'S. 3 & 4 - PLAN, SECTIONS & DETAILS	BE-1-1114
21	EAST ABUTMENT - NEW SINGLETON ST. BRIDGE	BE-1-1115
22	FLOODWALL - SINGLETON ST. AREA	BE-1-1116
23	UTILITY RELOCATIONS & RAMP-HIRSS MILL-SINGLETON ST. AREA	BE-1-1117
24	WATER INTAKE - HIRSS MILL - SINGLETON ST. AREA	BE-1-1118
25	RETAINING WALLS - SAYLES ST. AREA	BE-1-1119
① 7A	SUPPLEMENTARY SLOPE PROTECTION	BE-1-1138A
② 11A	CHANNEL IMPROVEMENT - SUPPLEMENT TO PART 5	BE-1-1092



VICINITY MAP

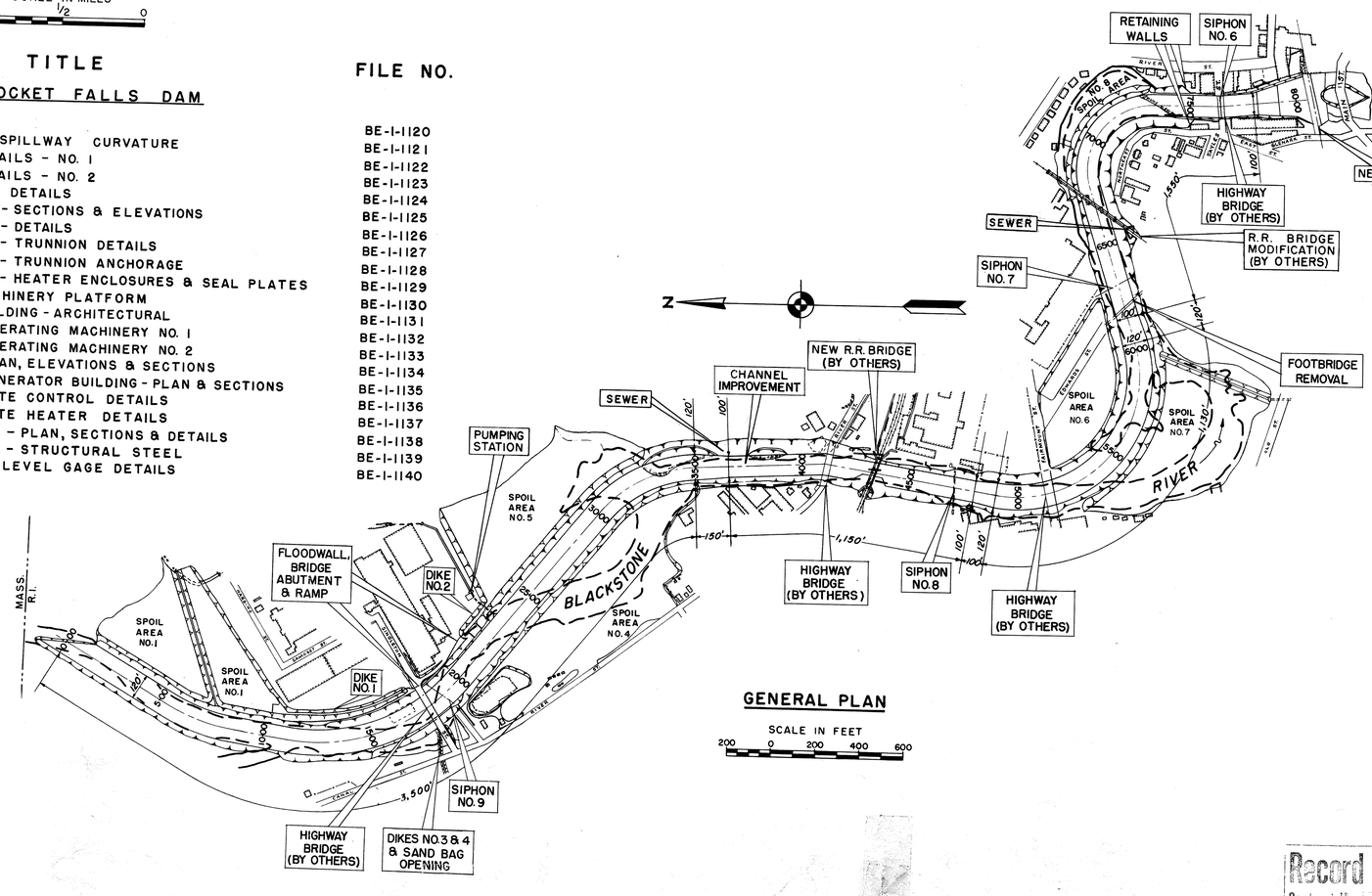
SCALE IN MILES 1/2 0



LOCATION MAP

SCALE IN MILES 8 0 8 16

SHEET NO.	TITLE	FILE NO.
	WOONSOCKET FALLS DAM	
26	GENERAL PLAN	BE-1-1120
27	ELEVATIONS & SPILLWAY CURVATURE	BE-1-1121
28	CONCRETE DETAILS - NO. 1	BE-1-1122
29	CONCRETE DETAILS - NO. 2	BE-1-1123
30	REINFORCEMENT DETAILS	BE-1-1124
31	TAINTER GATES - SECTIONS & ELEVATIONS	BE-1-1125
32	TAINTER GATES - DETAILS	BE-1-1126
33	TAINTER GATES - TRUNNION DETAILS	BE-1-1127
34	TAINTER GATES - TRUNNION ANCHORAGE	BE-1-1128
35	TAINTER GATES - HEATER ENCLOSURES & SEAL PLATES	BE-1-1129
36	CATWALK & MACHINERY PLATFORM	BE-1-1130
37	GENERATOR BUILDING - ARCHITECTURAL	BE-1-1131
38	MECHANICAL - OPERATING MACHINERY NO. 1	BE-1-1132
39	MECHANICAL - OPERATING MACHINERY NO. 2	BE-1-1133
40	ELECTRICAL - PLAN, ELEVATIONS & SECTIONS	BE-1-1134
41	ELECTRICAL - GENERATOR BUILDING - PLAN & SECTIONS	BE-1-1135
42	ELECTRICAL - GATE CONTROL DETAILS	BE-1-1136
43	ELECTRICAL - GATE HEATER DETAILS	BE-1-1137
44	SERVICE BRIDGE - PLAN, SECTIONS & DETAILS	BE-1-1138
45	SERVICE BRIDGE - STRUCTURAL STEEL	BE-1-1139
46	FENCE & RIVER LEVEL GAGE DETAILS	BE-1-1140



GENERAL PLAN

SCALE IN FEET 200 0 200 400 600

SHEET NO.	TITLE	FILE NO.
	SEWER RELOCATION	
47	SINGLETON STREET - INVERTED SEWER SIPHON	BE-1-1141
48	CHESTNUT STREET - INVERTED SEWER SIPHON	BE-1-1142
49	EDWARDS STREET - INVERTED SEWER SIPHON	BE-1-1143
50	SAYLES STREET - INVERTED SEWER SIPHON	BE-1-1144
51	ANGLE STREET	BE-1-1145
52	NORTHEAST STREET	BE-1-1146
	INTERIOR DRAINAGE	
53	SINGLETON STREET AREA - PART I	BE-1-1147
54	SINGLETON STREET AREA - PART II	BE-1-1148
	SINGLETON STREET PUMPING STATION	
55	SITE PLAN AND DETAILS	BE-1-1149
56	ARCHITECTURAL	BE-1-1150
57	STRUCTURAL I	BE-1-1151
58	STRUCTURAL II	BE-1-1152
59	MECHANICAL	BE-1-1153
60	ELECTRICAL	BE-1-1154
61	HYDROGRAPHS	BE-1-1037
62	GEOLOGY	BE-2-1010
63	RECORD OF EXPLORATIONS NO. 1	BE-2-1012
64	RECORD OF EXPLORATIONS NO. 2	BE-2-1011
65	RECORD OF EXPLORATIONS NO. 3	BE-2-1013
66	RECORD OF EXPLORATIONS NO. 4	BE-2-1014
67	IMPERVIOUS BORROW AREA MAP	BE-2-1015

Record Drawing
Contract No. cw-19-016-57-412

REVISION	DATE	DESCRIPTION	BY

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	GK. BY
S.F.C.	S.F.C.	M.W.C.

PROJECT ENGINEER
SUBMITTED BY:
CHIEF, PLANS & REPORTS BRANCH
APPROVED:
CHIEF, ENGINEERING DIVISION

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
LOCATION, INDEX AND GENERAL PLAN
BLACKSTONE RIVER, RHODE ISLAND

APPROVED
LT. COL., C.E., ASST. TO DIVISION ENGINEER
DATE MARCH 1957

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG. 19-016-57-81

DRAWING NUMBER
BE-1-1095

SHEET 1 OF 67

50-1600

1

Addendum No. 3

CORPS OF ENGINEERS

U. S. ARM

S 250 | S 500 | S 750 | S 1250 | S 1500 | S 1750

E 2250 | E 1750 | E 1500 | E 1250

Harris Ave

Traverse Sta. 0+00
State line Bound W. side
Harris Avenue (5"x6½" granite bd.)

N 19°-02'-21"E Dist. 1239.62'

Traverse Sta. 2+10.52

S 88°-37'-45"W

201.58'

120'

200'

Limit of Contractor's Work Area

170

Harding St.

Masurel Mills Inc.

N 29°-39'-52"W Somoset St.

℄ Match Line Sheet No. 3 at Sta. 16+00

D.H. in Curb
Traverse Sta. 169+45.54

105'

158'

R.I. Manufacturing Company

℄ Data
Curve No. 2
I = 59°-36'-20"
R = 885.00'
T = 506.90'
L = 920.68'

℄ Dike No. 1

For Lateral Alignment
See Sheet No. 1B

SCALE 1" = 50'
50' 0' 50' 100'

℄ Data
Curve No. 1
I = 22°-00'-01"
R = 850.00'
T = 165.24'
L = 326.41'

B L A C K S T O N E

Channel ℄

PC 5+34.14

PT 8+60.55

Sta. 10+80.5
PC 10+91.55

R I V E R

Channel ℄

End of Dike No. 1 Roadway

P.I. No. 1

P.I. No. 2

Traverse Station 22+85.98

Traverse Sta. 22+91.62

S 13°-09'-54"W

2" Iron Pipe
Traverse Sta. 5+50.0

2" Iron Pipe
Traverse Sta. 10+72.66

Limit of Contractor's work area

104.94'

S 23°-55'-16"W

Traverse Sta. 13+09.02

ABANDONED TAILRACE

2" Iron Pipe
Traverse Sta. 16+80.14

S 7°-01'-52" E

160

Limit of Contractor's Work Area

Garage

Junk Yard

Canal St.

S 1600

S 1750

Record Drawing
Contract No. CIV. 19-016- 57-412

PLAN
SCALE: 1" = 50'

Note
Grid is based on local plane coordinate system

S 5000 | S 5250 | S 5500 | S 5750 | S 10000 | S 12500

REVISION	DATE	DESCRIPTION	BY
1	5/22/57	Minor Revisions per Addendum No. 1	M.W.C.

CORPS OF ENGINEERS. U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
A.R.D.	D.G.D.	W.V.M. M.W.C.

R. J. Grazier
PROJECT ENGINEER

SUBMITTED BY:
N.E. PLANS & SPECS BRANCH

APPROVED
CHIEF ENGINEERING DIV.

APPROVED
LT. COL., C.E., ASST. TO DIVISION ENGINEER

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
ALIGNMENT & CONTRACTOR'S WORK AREA
PART I
BLACKSTONE RIVER, RHODE ISLAND

DATE MAR. 1957

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG. 19-016-57-81

DRAWING NUMBER
BE-1-1096

SHEET 2 OF 67

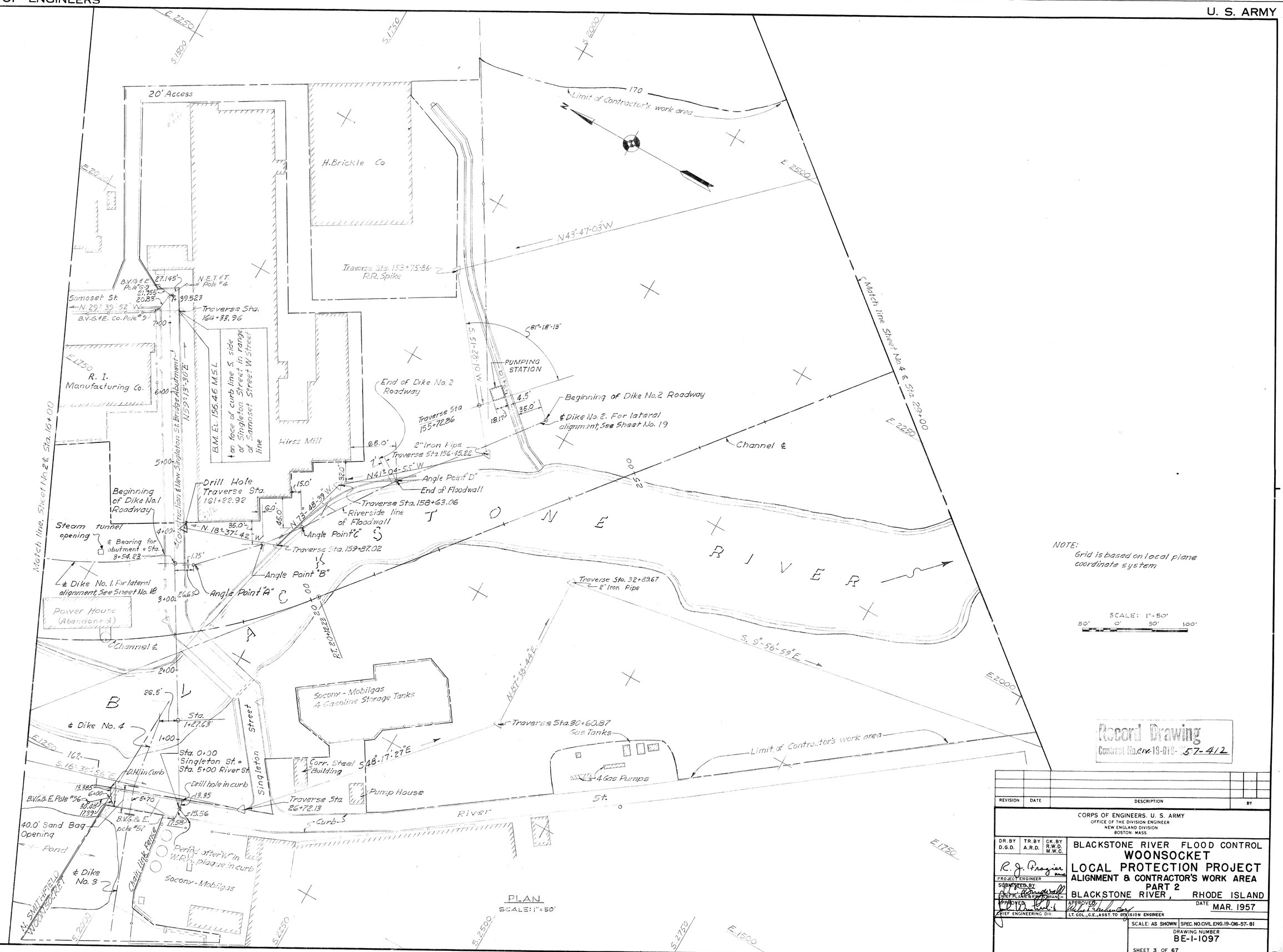
50-1600

(2)

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

CORPS OF ENGINEERS

U. S. ARMY



NOTE:
Grid is based on local plane coordinate system

SCALE: 1"=50'
50' 0' 50' 100'

Record Drawing
Contract No. CIV-19-016-57-412

REVISION	DATE	DESCRIPTION	BY

CORPS OF ENGINEERS. U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON. MASS.

DR. BY	TR. BY	CK. BY
D.G.D.	A.R.D.	R.W.D. M.W.G.

R. J. Frazier
PROJECT ENGINEER

SUBMITTED BY:
CHIEF PLANS & SPECIFICATIONS

APPROVED
CHIEF ENGINEERING DIV.

APPROVED
LT. COL., C.E., ASST. TO DIVISION ENGINEER

DATE MAR. 1957

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
ALIGNMENT & CONTRACTOR'S WORK AREA
PART 2
BLACKSTONE RIVER, RHODE ISLAND

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG. 19-016-57-81

DRAWING NUMBER
BE-1-1097

SHEET 3 OF 67

50-1600 (3)

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

CORPS OF ENGINEERS

U. S. ARMY

N

E 2750 S 2500 S 2750 S 3000 S 3250 S 3500 N 3750

Limit of Contractor's work area — 170' — 170'

Traverse Sta. 145+99.71 — N. 2°-55'-53" W

N 43°-47'-03" W

Traverse Sta. 143+20.98

E 2500

Traverse Sta. 142+64.94

Limit of Contractor's work area

N 2°-32'-25" W

88.38

P.I. No. 3

1200.0' W. of P.I. End of Curve

S 4000

E 3000

℄ Data
Curve No. 3
I = 48°45'38"
R = 600.00'
T = 271.92'
L = 510.62'

30+00

P.C. 29+89.62

E 2250

BLACKSTONE

Channel ℄

Traverse Sta. 136+73.13 — N. 13°-26'-44" W

Angle point No. 1
℄ Sta. 40+94.99

Traverse Sta. 131+42.36
Drill hole in Curb

SCALE: 1" = 50'
50' 0' 50' 100'

Vacant building

N.E. Coal Co.

N 15° 26' 06" E

Traverse Sta. 131+74.31

U.S. Rubber Co.

E 2750

N 10°-01'-55" E

1150'

NY, NH & H. R.R. Bridge No. 16.78

St. 45+00

Diamond Trans. Co.

Joan Plush Co.

House

40+00

RIVER

202.07'

Existing Bailey Bridge

March line Sheet No. 3 ℄ Sta. 29+00

E 2000

Limit of Contractor's work area

Houses

River St.

S 21°-38'-21" E

Traverse Sta. 49+93.78

Traverse Sta. 46+50.36

Limit of Contractor's work area

Traverse Sta. 48+85.48

S 27°-27'-35" W

120.0'

Nail in tie & R.R. Spur track

March Line Sheet No. 5 & St. 45+00

E 2250

S 2500

S 2750

S 3000

S 3250

S 3500

S 3750

S 4000

S 4250

S 4500

S 4750

S 5000

S 5250

S 5500

S 5750

S 6000

S 6250

S 6500

S 6750

S 7000

S 7250

S 7500

S 7750

S 8000

S 8250

S 8500

S 8750

S 9000

S 9250

S 9500

S 9750

S 10000

Houses

Traverse Sta. 40+13.70
Drill hole in Curb

S 39°-45'-43" E

NY, NH & H R.R. (Providence - Worcester Br.)

B.M. EL. 161.52 M.S.L.

Chiseled "+" top of hydrant, SW Side of River St., approx. 200 ft. NW of Bridge over Blackstone River

NOTE

Grid is based on local plane coordinate system.

PLAN
SCALE: 1" = 50'

Record Drawing
Contract No. CIVIL 19-016-57-412

REVISION	DATE	DESCRIPTION	BY
1	5/22/57	Minor Revisions per Addendum No. 1	M.W.C.

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
A.R.D.	D.G.D.	E.C.C. M.W.C.

PROJECT ENGINEER: R. J. Frazier

SUBMITTED BY: C. L. Norwell, CHIEF PLANS & SPECS BRANCH

APPROVED: [illegible], CHIEF ENGINEERING DIV.

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
ALIGNMENT & CONTRACTOR'S WORK AREA
PART 3
BLACKSTONE RIVER, RHODE ISLAND

APPROVED: Miles J. Wakefield, LT. COL., C.E., ASST. TO DIVISION ENGINEER

DATE MAR. 1957

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG. 19-016-57-81

DRAWING NUMBER
BE-1-1098

SHEET 4 OF 67

50-1600

4

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

Addendum No. 3

CORPS OF ENGINEERS

U. S. ARMY

S 4000 | S 4250 | S 4500 | S 4750 | S 5000 | S 5250 | S 5500 | S 5750

E 3250 | E 3000 | E 2750 | E 2500 | E 2250

NOTE:
Grid is based on local plane Coordinate System.

℄ Match line Sheet No. 6 | ℄ Sta. 61+00

Traverse Sta. 119+95.33

B.M. EL. 155.38 M.S.L.
Chiseled "+" in small concrete block in line with S. street line of Fairmount St. and 20.75 Ft. from corner of fence.

N 43°-17'-47" W

Fairmount St.

N 36°-21'-17" W

Limit of Contractor's work area

Limit of Contractor's work area

R.R. Spike

Traverse Sta. 124+34.91

N 5°-29'-32" W

U.S. Rubber Co.

N 10°-01'-55" E

Traverse Sta. 129+42.96

M.H.

N 11°-56'-53" E

Traverse Sta. 128+45.66

N 11°-56'-53" E

Traverse Sta. 127+07.11

2" Iron Pipe

Match line Sheet No. 4 ℄ Sta. 45+00

B L A C K S T O N E

Existing Bailey Bridge

℄ Channel

S 7°-27'-39" W

M.H.'s

Traverse Sta. 54+16.90
Drill hole
Water Tank

R.C. 48+93.17

145.0'

50.00

S 7°-27'-18" W

Enterprise Dye Works Inc.

Limit of Contractor's work area

160

Chestnut St.

First Ave

Traverse Station 58+80.86 Drill hole in curb.

S. Main St.

S 7°-27'-39" E

Fairmount Dye Works

Houses

Houses

S 12°-42'-27" E

Traverse Sta. 60+11.42
Drill hole in curb.

P.I. No. 4

Traverse Sta. 32+16.95

N 42°-36'-33" E

House

House

P.T. 60+36.92

60+00

Channel ℄

160

Traverse Sta. 79+78.80
2" Iron Pipe

N 30°-44-23" E

West St.

N.Y., N.H. & H. R.R.

Drill hole in Curb S. Side
Traverse Sta. 74+65.48

Traverse Sta. 75+26.432

N 10°-40'-27" W

Traverse Sta. 76+91.65

Culvert

Limit of Contractor's work area.

℄ Data
Curve No. 4.
I = 118°-31'-28"
R = 550.00'
T = 924.92
L = 1,137.75'

35.00

160

Limit of Contractor's Work Area

S 62°-26'-27" E

Garage

Trav. Sta. 69+11.52

P.I. No. 4

SCALE: 1" = 50'
50' 0' 50' 100'

on curb N. Side
Traverse Sta. 68+37.00

Record Drawing
Contract No. CIVIL-19-016-57-412

PLAN
SCALE: 1" = 50'

REVISION	DATE	DESCRIPTION	BY

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
A.R.D.	D.G.D.	R.W.D. M.W.C.

PROJECT ENGINEER
R. J. Frazier

SUBMITTED BY
CHIEF, PLANS & SPECS. BRANCH

APPROVED
CHIEF ENGINEERING DIV.

APPROVED
LT. COL., C.E., ASST. TO DIVISION ENGINEER

DATE MAR. 1957

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
ALIGNMENT & CONTRACTOR'S WORK AREA
PART 4
BLACKSTONE RIVER, RHODE ISLAND

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG. 19-016-57-81

DRAWING NUMBER
BE-1-1099

SHEET 5 OF 67

50-1600

5

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

Addendum No. 3

CORPS OF ENGINEERS

U. S. ARMY

Traverse Sta. 101+72.28
D.H. in Conc. Catch Basin

S 36°-50'-46"W

Traverse Sta. 104+47.20
P.R. Spike

House #248

House

House #252

To Access Farm

Existing Stone Wall

Limit of Contractor's Work Area

House

House

White Eagle Cafe

International Supply Co.

River

Traverse Sta. 96+65.75
D.H. in Concrete Abutment

Street

Gates

Mill Intake Gates

Temp. Dam

Woonsocket Falls Mill

B.M. El. 152.52 M.S.L.
Chiseled "+" in center of M.H. cover of drop inlet catch basin in N. Sidewalk of South Main St. Bridge.

Sayles St.

M.H.

overhang

Batchelor's

Wooden Building

Parking Lot

Woonsocket Falls Mill

See Detail "A"

Temporary Pumping Station

MAIN STREET

SOUTH

Traverse Sta. 99+20.57

Traverse Sta. 98+02.94

N 4°-04'-32"E

N 0°-56'-23"W

Traverse Sta. 105+34.96

N 62°-41'-15"W

Traverse Sta. 96+06.00

Angle Point No. 3
76+70.08

N 87°-59'-30"E

Angle Point No. 4
78+44.37

76.0'

℄ Channel

Exist. Bailey Bridge

3.48'

Limit of Contractor's Work Area

60.00'

Traverse Sta. 95+08.51

M.H.'s

Glenark Mill

Traverse Sta. 92+12.14

Northeast

S 43°-13'-47"E

Traverse Sta. 93+77.17

S 6°-39'-49"W

Street

B.V.G.& E. Co. Sub-Station

S 8°-15'-07"E

M.H.

#52

#68

House

Traverse Sta. 90+36.19

#32

#26

#14

House

Sayles Street

East

Glenark

Street

House

B.M. El. 162.09 M.S.L.
Chiseled "+" in top of curb stone on E. side of Northeast St. near Sayles St. Bridge.

See Detail "B"

Woonsocket Supply Co.

Warehouse

B.M. El. 164.25 M.S.L.
Chiseled "+" in W. Curb line of Glenark St. and 14.25' from South Main St. N. curb line.

Traverse Sta. 108+25.05

S 42°-49'-49"W

95'

Traverse Sta. 110+19.95
2" Iron Pipe

A.E. Goldstein

S 65°-18'-37"W

Traverse Line

Wood Garage

Verbulst Combing Co. Brick Building

P.C. 67+70.32

Traverse Sta. 88+50.51

℄ Data
Curve No. 5
I = 112°-12'-06"
R = 300.00'
T = 447.16'
L = 587.92'

N 66°-55'-54"E

Traverse Sta. 86+68.17
Spike & of Track

Traverse Sta. 88+18.26

Angle Point No. 2
S 23°-05'-19.59"E
106.87'

Traverse Sta. 112+71.16
65+00

115'

Limit of Contractor's Work Area

N 74°-16'-48"E

M.H.

B.M. El. 183.76 M.S.L.
Spike in tie ℄ R.R. Bridge over Sayles St. Spike is in first tie W. of most western steel cross beam.

Roger Development Co.

S 73°-12'-03"W

Traverse Sta. 114+40.79
D.H. Top of Rock

180'

110'

Traverse Sta. 83+65.26
Nail in Walk

Limit of Contractor's Work Area

N 69°-38'-55"E

Traverse Sta. 116+12.10

Existing Footbridge

S 69°-38'-55"W

Traverse Sta. 82+16.95

N 43°-17'-47"W

Edwards St.

℄ Match Line Sheet No. 5 & Sta. 61+00

PLAN
SCALE: 1"=50'

Drill Hole in building Face

Nail in Corner of Building

2.7'

1.3'

Dam Sta. 0+00 Stadia Tack in Wood Plug in Ledge 5' below 1st window in mill.

Axis of Dam

DETAIL "A"
SCALE: 1"=20'

Axis of Dam

Dam Sta. 2+74.64 Stadia tack in wood plug top concrete wall.

℄ Retaining Wall

Stone Wall

Chiseled "+" in conc. platform

4.1'

2.2'

2.2'

20.30'

4.2'

GLENARK ST.

Dam Sta. 3+03.15
Nail in Glenark St.

Chiseled "+"

Doors

CONC. BLOCK BLDG.

DETAIL "B"
SCALE: 1"=20'

SCALE: 1"=50'
50' 0' 50' 100'

NOTE:
Grid is based on local plane coordinate system.

Record Drawing
Contract No. CIVIL-19-016-57-412

REVISION	DATE	DESCRIPTION	BY

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
D.G.D.	A.M.C.	B.S.J. M.W.C.

PROJECT ENGINEER

SUBMITTED BY: Chief Plans, Surveys & Branch

APPROVED: Chief Engineering Div.

APPROVED: Lt. Col., C.E., Asst. to Division Engineer

DATE MAR. 1957

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
ALIGNMENT & CONTRACTOR'S WORK AREA
PART 5
BLACKSTONE RIVER, RHODE ISLAND

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG. 19-016-57-81

DRAWING NUMBER
BE-1-1100

SHEET 6 OF 67

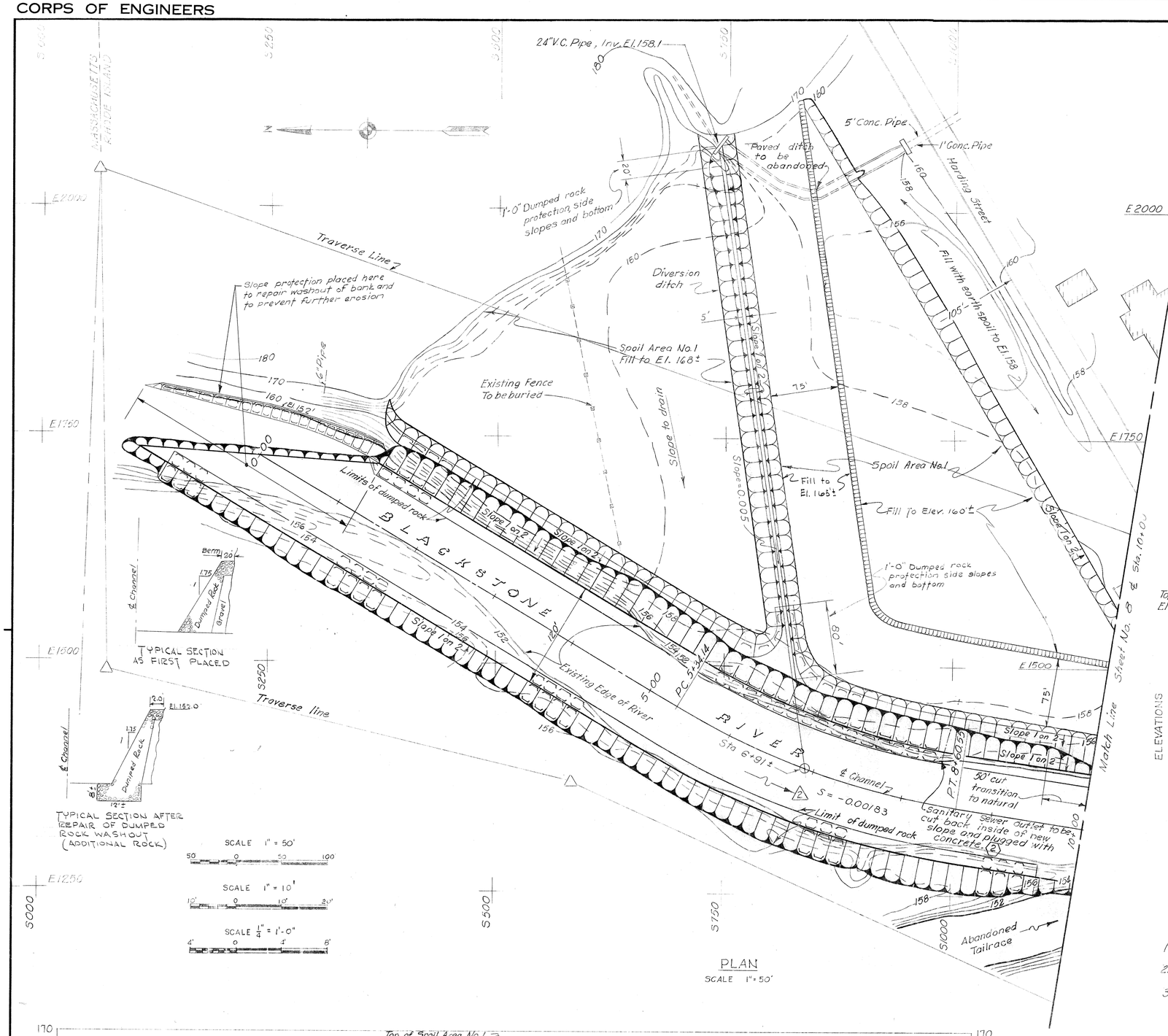
50-1600 (6)

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

Addendum No. 3

CORPS OF ENGINEERS

U. S. ARMY



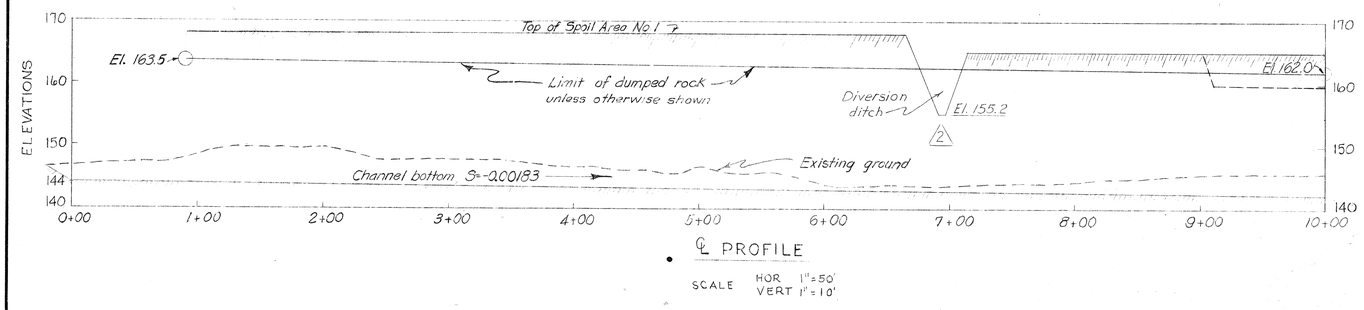
SCALE 1" = 50'

SCALE 1" = 10'

SCALE 1/4" = 1'-0"

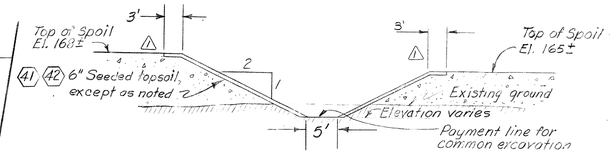
PLAN

SCALE 1" = 50'



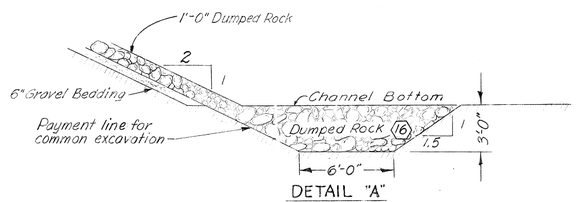
℄ PROFILE

SCALE HOR 1"=50' VERT 1"=10'



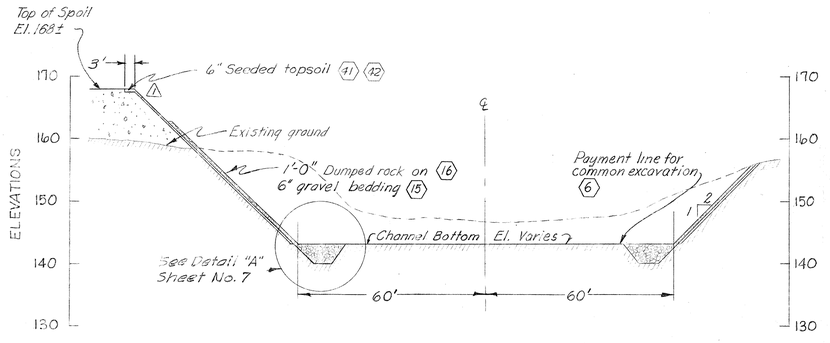
TYPICAL SECTION - DIVERSION DITCH

SCALE 1" = 10'



DETAIL "A"

SCALE 1/4" = 1'-0"



CHANNEL SECTION AT STA. 5+00 (TYPICAL)

SCALE HOR 1" = 20' VERT 1" = 10'

GENERAL NOTES

1. All utilities shown are existing unless otherwise noted.
2. Elevations refer to Mean Sea Level Datum.
3. Figures in hexagons are item numbers under which payment will be made.

LEGEND

Cut Slope

Fill Slope

Dumped Rock

Record Drawing
Contract No. DA-19-016- 57-412

Record Drawing
Contract No. DA-19-016- 57-412

REVISION	DATE	DESCRIPTION	BY
2	7/18/60	Final Field Corrections	M.W.C.
1	11/27/57	Diversion Ditch Realigned	M.W.C.
1	5/22/57	Minor Revisions per Addendum No. 1	M.W.C.

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
D.G.D.	A.M.C.	W.V.M. M.W.C.

PROJECT ENGINEER

SUBMITTED BY

CHIEF, ENGINEERING DIV.

APPROVED

APPROVED

LT. COL., C.E., ASST. TO DIVISION ENGINEER

DATE MAR. 1957

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
CHANNEL IMPROVEMENT - PART I
BLACKSTONE RIVER, RHODE ISLAND

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG. 19-016-57-81

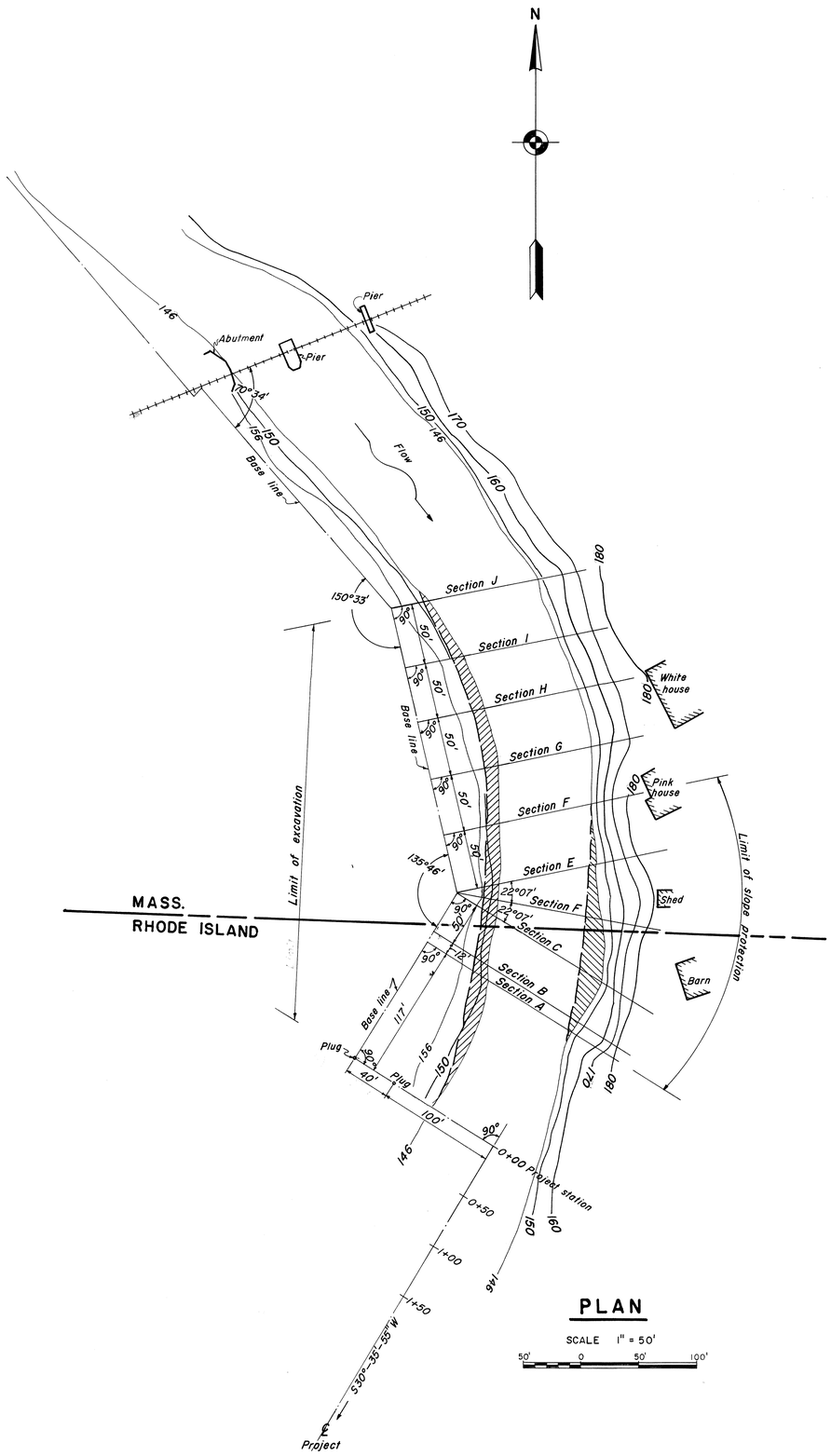
DRAWING NUMBER
BE-I-1101

SHEET 7 OF 67

50-1600

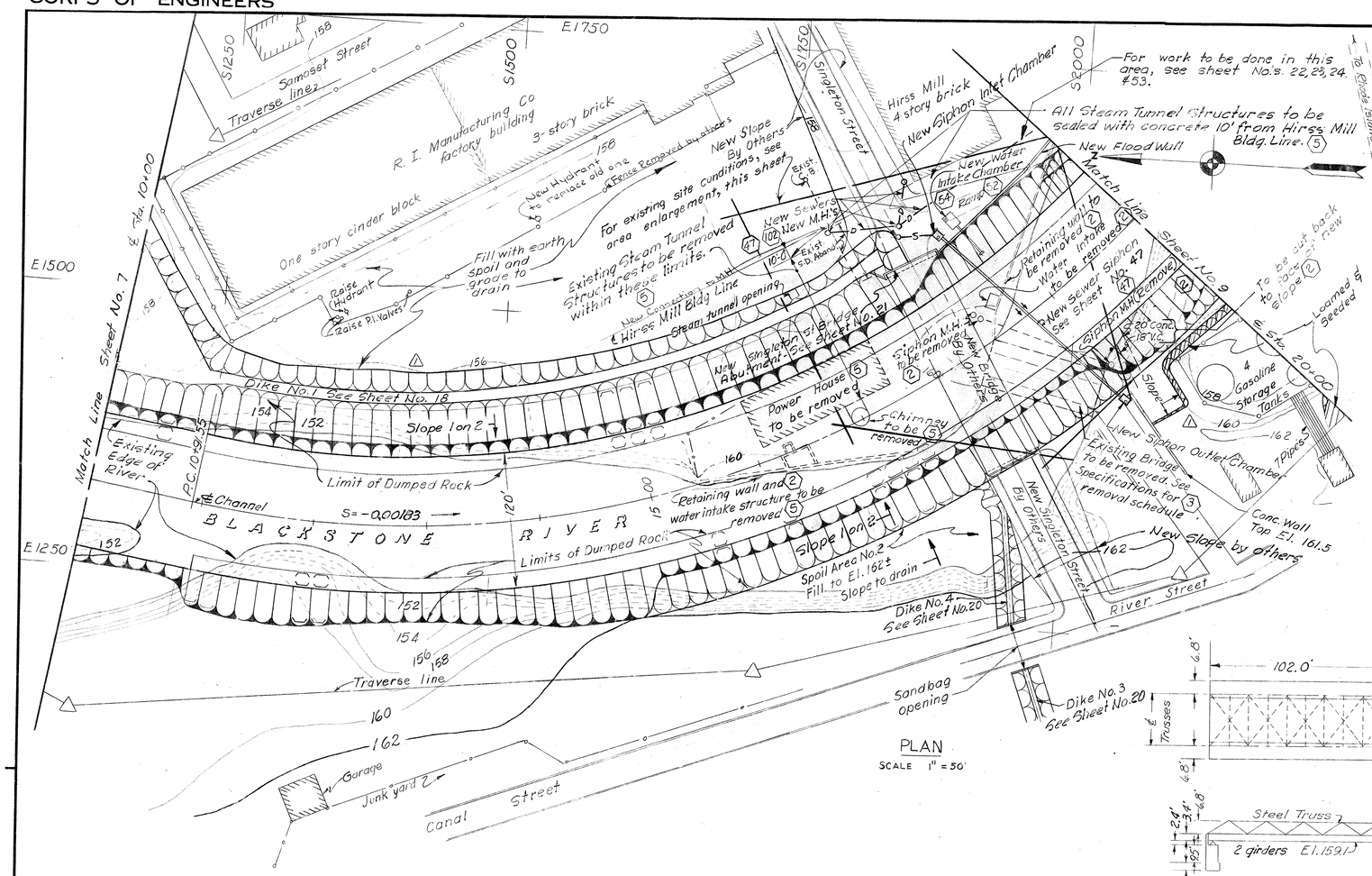
7

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.


N
Pier
Abutment
Pier
146
70°34'
156
150
Base line
Flow
150
146
170
160
180
150°33'
Section J
Section I
Section H
Section G
Section F
Section E
Section F
Section C
Section B
Section A
White house
Pink house
Shed
Barn
Limit of excavation
Limit of slope protection
MASS.
RHODE ISLAND
135°46'
22°07'
22°07'
90°
Base line
117'
Plug
Plug
40'
156
150
100'
90°
146
180
141
180
0+00 Physical station
0+50
1+00
1+50
S 30°-35-55" W
℄ Project
50'
50'
50'

CORPS OF ENGINEERS

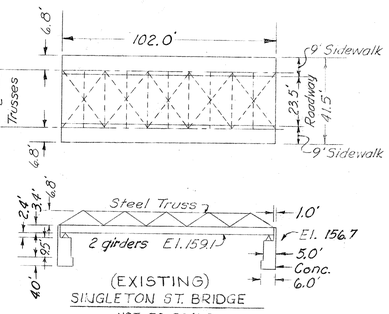
U. S. ARMY



Notes:
1. Building walls are 16" thick, wall between tunnels 16" thick, and tunnel walls estimated to be 8" thick. Top of tunnels estimated to be 12" thick.
2. Elevations at tunnel openings SE of Power Pole # E31/5 —

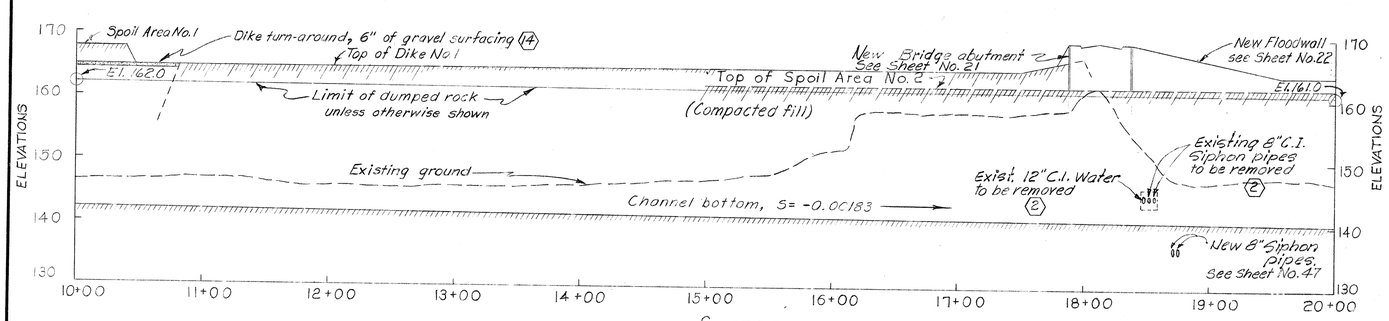
	7' Tunnel	4' Tunnel
Top of opening - inside top of tunnel	160.8	160.9
Inside bottom of tunnel	157.1	157.1
	150.6	151.85

PLAN
SCALE 1" = 50'

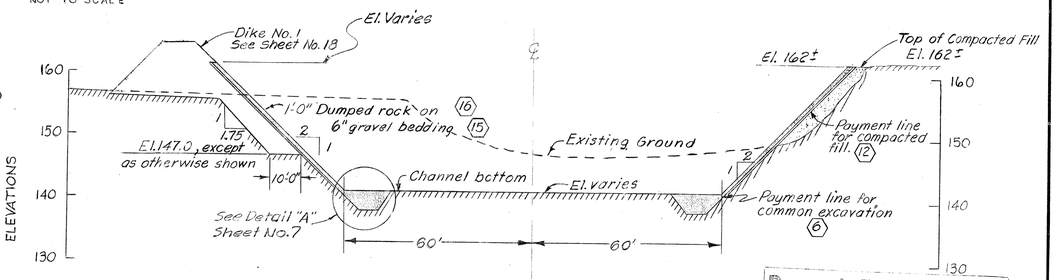


(EXISTING) SINGLETON ST. BRIDGE
NOT TO SCALE

SITE PLAN - SINGLETON ST. (EXISTING CONDITIONS)
SCALE: 1"=20'



℄ PROFILE
SCALE HOR. 1"=50'
VERT. 1"=10'



CHANNEL SECTION AT STA. 15+00 (TYPICAL)
SCALE HOR. 1" = 20'
VERT. 1" = 10'

LEGEND
Cut slope
Fill slope
Dumped Rock
SCALE 1" = 50'
SCALE 1" = 20'

NOTES:
1. Elevations refer to Mean Sea Level Datum.
2. Figures in hexagons are item numbers under which payment will be made.
3. For detailed disposition of outfalls through existing retaining wall, see Sheet Numbers 23 and 53.
4. For relocation of oil tank and hydrant line, see Sheet No. 23.
5. Existing Power and Telephone lines to be relocated by others.
6. Gas lines shall be removed by Gov't contractor within limits of excavation. Relocation will be by others.

Record Drawing
Contract No. CIV-19-016-57-412

REVISION	DATE	DESCRIPTION	BY
	7/19/60	Final Field Corrections	
△	5/22/57	Minor Revisions per Addendum No. 1	MWG

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
G.J.S.	A.R.D.	M.W.G.

R. J. Pregiin
PROJECT ENGINEER
SUBMITTED BY: CHIEF, PLANS & PROJS. BRANCH
APPROVED: CHIEF ENGINEERING DIV.
APPROVED: LT. COL., C.E., ASST. TO DIVISION ENGINEER

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
CHANNEL IMPROVEMENT - PART 2
BLACKSTONE RIVER, RHODE ISLAND
DATE MAR. 1957

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG. 19-016-57-81
DRAWING NUMBER BE-1-1102
SHEET 8 OF 67

50-1600

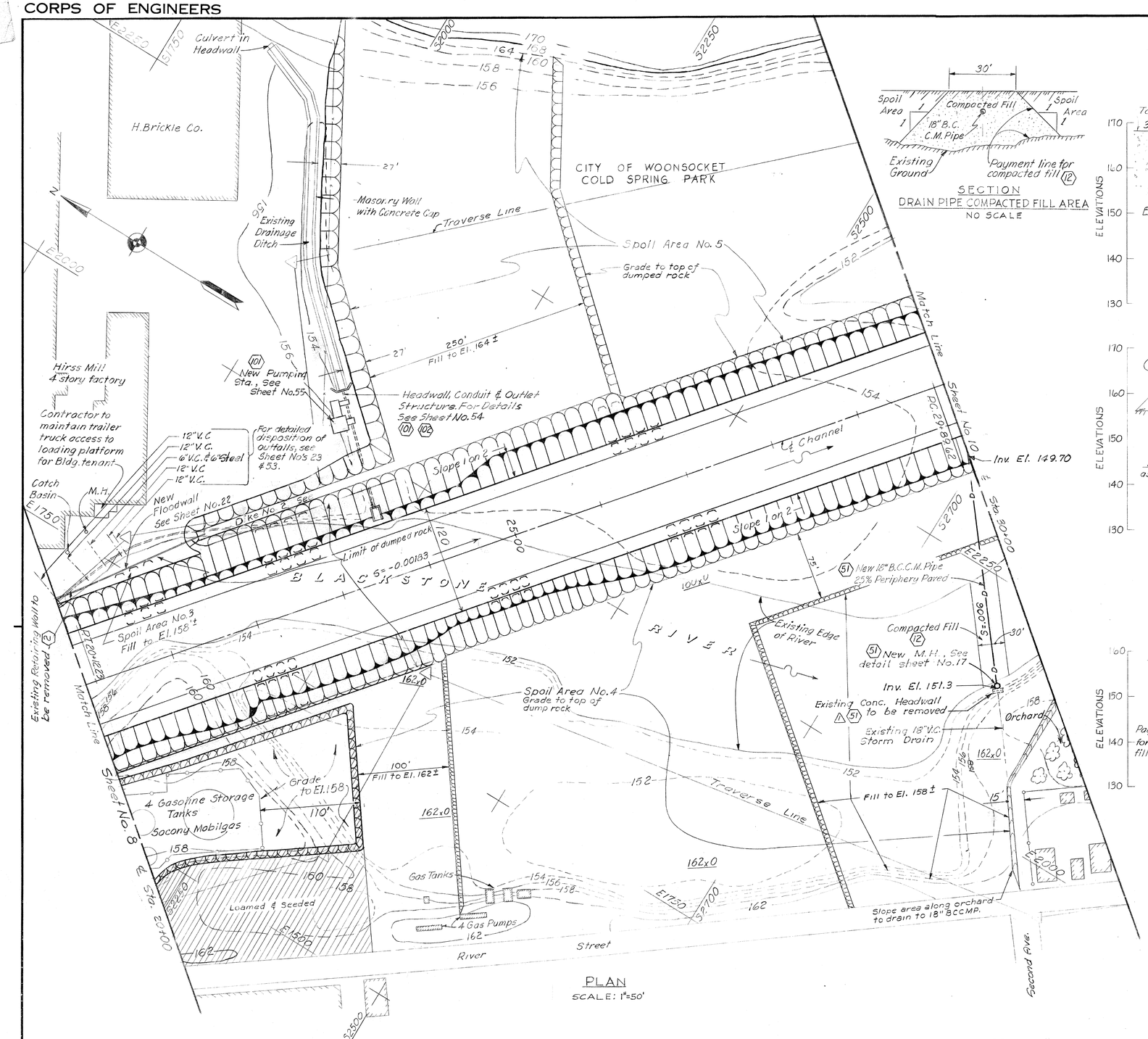
8

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

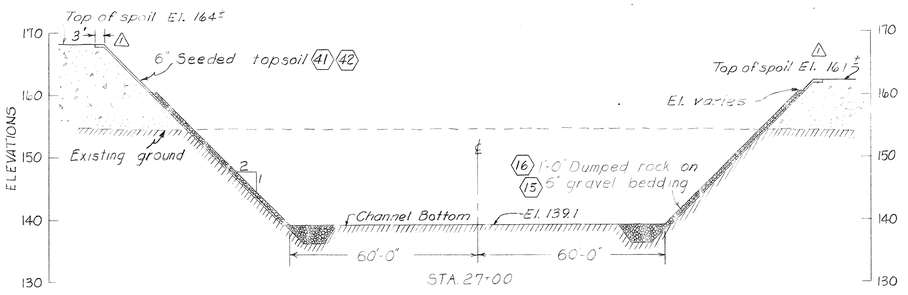
Addendum No. 3

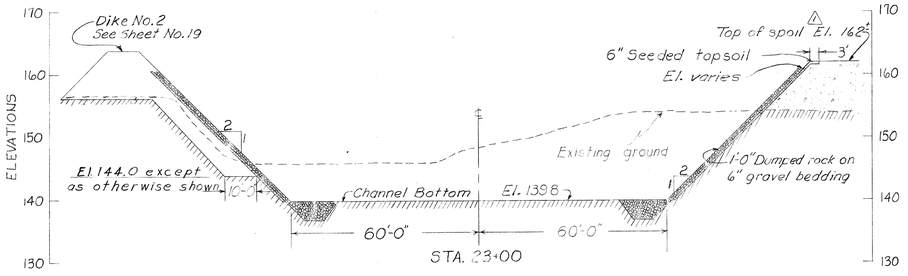
CORPS OF ENGINEERS

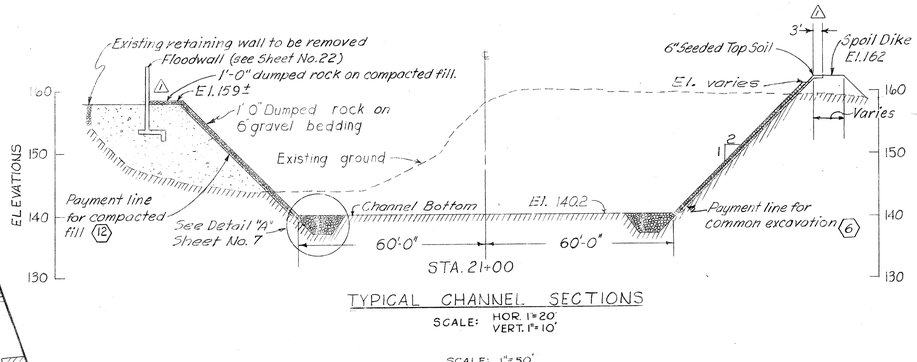
U. S. ARMY



SECTION
DRAIN PIPE COMPACTED FILL AREA
NO SCALE



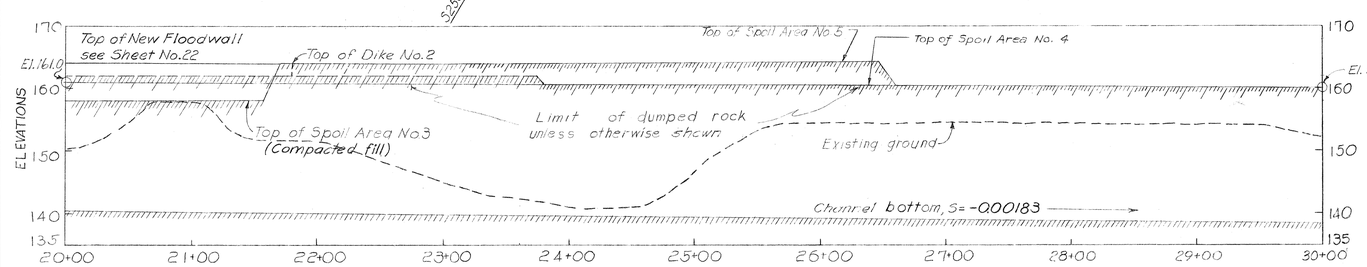




TYPICAL CHANNEL SECTIONS
SCALE: HOR 1"=20'
VERT. 1"=10'

SCALE: 1"=50'
50' 0 50' 100'

SCALE 1" = 20
20 0 20 40



℄ PROFILE SCALE: HOR 1"=50'
VERT. 1"=10'

Notes:
1. All Utilities are existing unless otherwise noted.
2. Elevations refer to Mean Sea Level Datum.
3. Figures in Hexagons are Item Numbers under which payment will be made.

LEGEND
Cut Slope
Fill Slope
Dumped Rock
162x0 New Elevations

Record Drawing
Contract No. DACW 33-016-57-412

REVISION	DATE	DESCRIPTION	BY
	7/19/60	Final Field Corrections	
1	5/22/57	Minor Revisions per Addendum No. 1	MW Clark

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
A.R.D.	A.M.G.	W.V.M. M.W.C.

R. J. Frazier Jr.
PROJECT ENGINEER

SUBMITTED BY: [illegible]
CHIEF PLANNING & REPORTS BRANCH

APPROVED: [illegible]
CHIEF ENGINEERING DIV.

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
CHANNEL IMPROVEMENT - PART 3
BLACKSTONE RIVER, RHODE ISLAND

APPROVED: [illegible]
LT. COL., C.E., ASST. TO DIVISION ENGINEER

DATE MAR. 1957

SCALE: AS SHOWN
SPEC. NO. CIVIL ENG. 19-016-57-81.

DRAWING NUMBER
BE-1-1103

SHEET 9 OF 67

50-1600

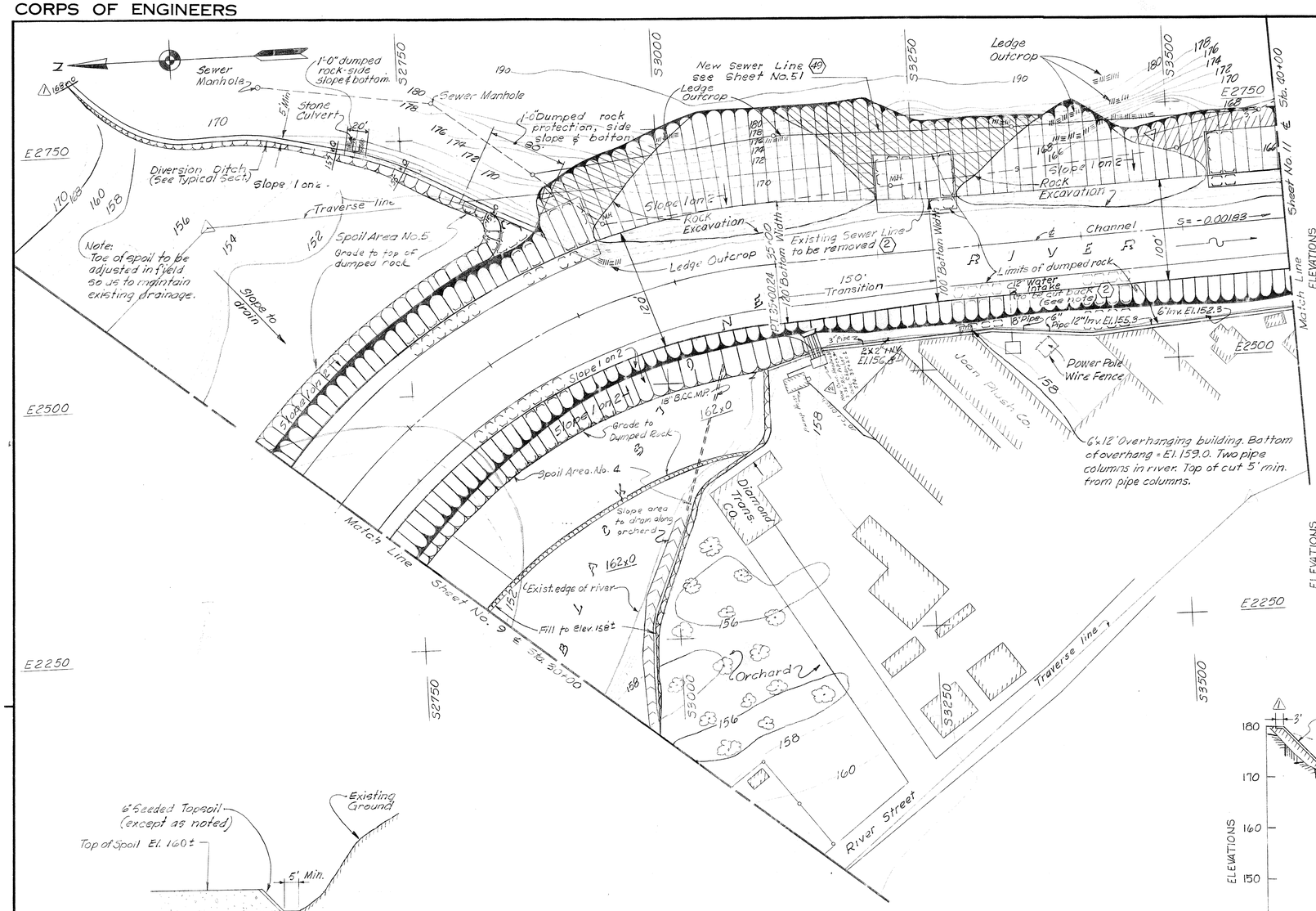
9

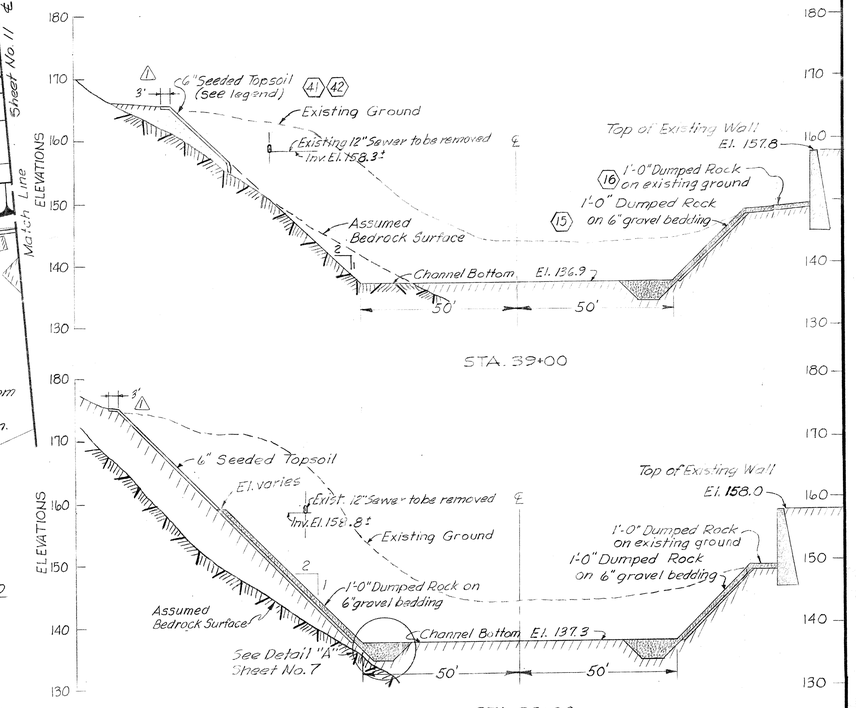
ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

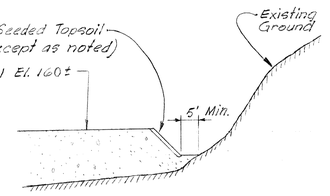
Addendum No. 3

CORPS OF ENGINEERS

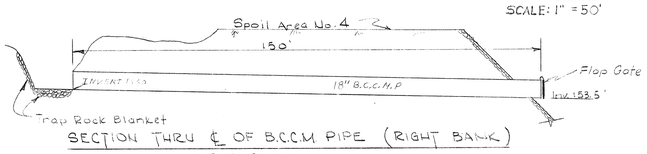
U. S. ARMY







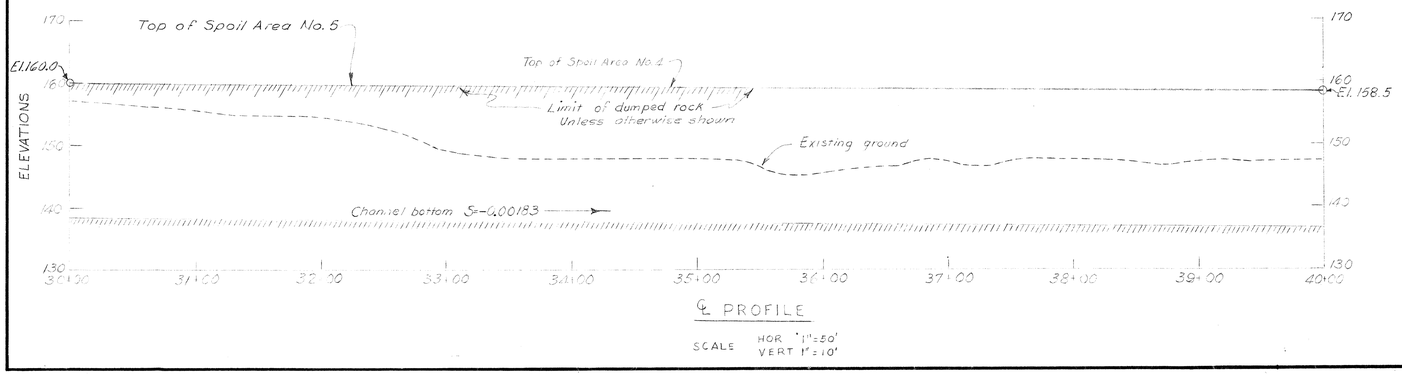
TYPICAL SECTION DIVERSION DITCH
SCALE: HOR. 1"=20' VER. 1"=10'



SECTION THRU ℄ OF B.C.C.M. PIPE (RIGHT BANK)
NOT TO SCALE

PLAN
SCALE: 1" = 50'

NOTE:
Where disposition of Existing piping is indicated, the lines shall be extended or cut back to the face of slope protection minimum. (2)



℄ PROFILE
SCALE HOR. 1"=50' VERT 1"=10'

NOTES:
1. All Utilities shown are existing unless otherwise noted.
2. Elevations refer to Mean Sea Level Datum.
3. Figures in Hexagons are item numbers under which payment will be made.

TYPICAL CHANNEL SECTIONS
SCALE: HOR. 1"= 20' VERT. 1"= 10'

SCALE: 1"= 50'
50' 0 50' 100'

SCALE: 1"= 20'
20' 0 20' 40'

LEGEND
6" seeded topsoil slope protection where overburden is a minimum of 2' thick
Cut Slope
Fill Slope
Dumped Rock
162x0 New Elevations

Record Drawing
Contract No. DA-19-016- 57-412

REVISION	DATE	DESCRIPTION	BY
2	June 57	Revisions To Dye House Water Supply	
	7/1960	Final Field Corrections	
1	5/22/57	Minor Revisions per Addendum No. 1	MWC

CORPS OF ENGINEERS. U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
A.M.C.	D.G.D.	W.V.M. M.W.C.

PROJECT ENGINEER: R. J. Frazier
SUBMITTED BY: Chief Plans & Projects Branch
APPROVED: Chief Engineering Div.
APPROVED: Lt. Col., C.E. Asst. to Division Engineer

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
CHANNEL IMPROVEMENT - PART 4
BLACKSTONE RIVER, RHODE ISLAND
DATE MAR. 1957

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG.-19-016-57-81
DRAWING NUMBER BE-1-1104
SHEET 10 OF 67

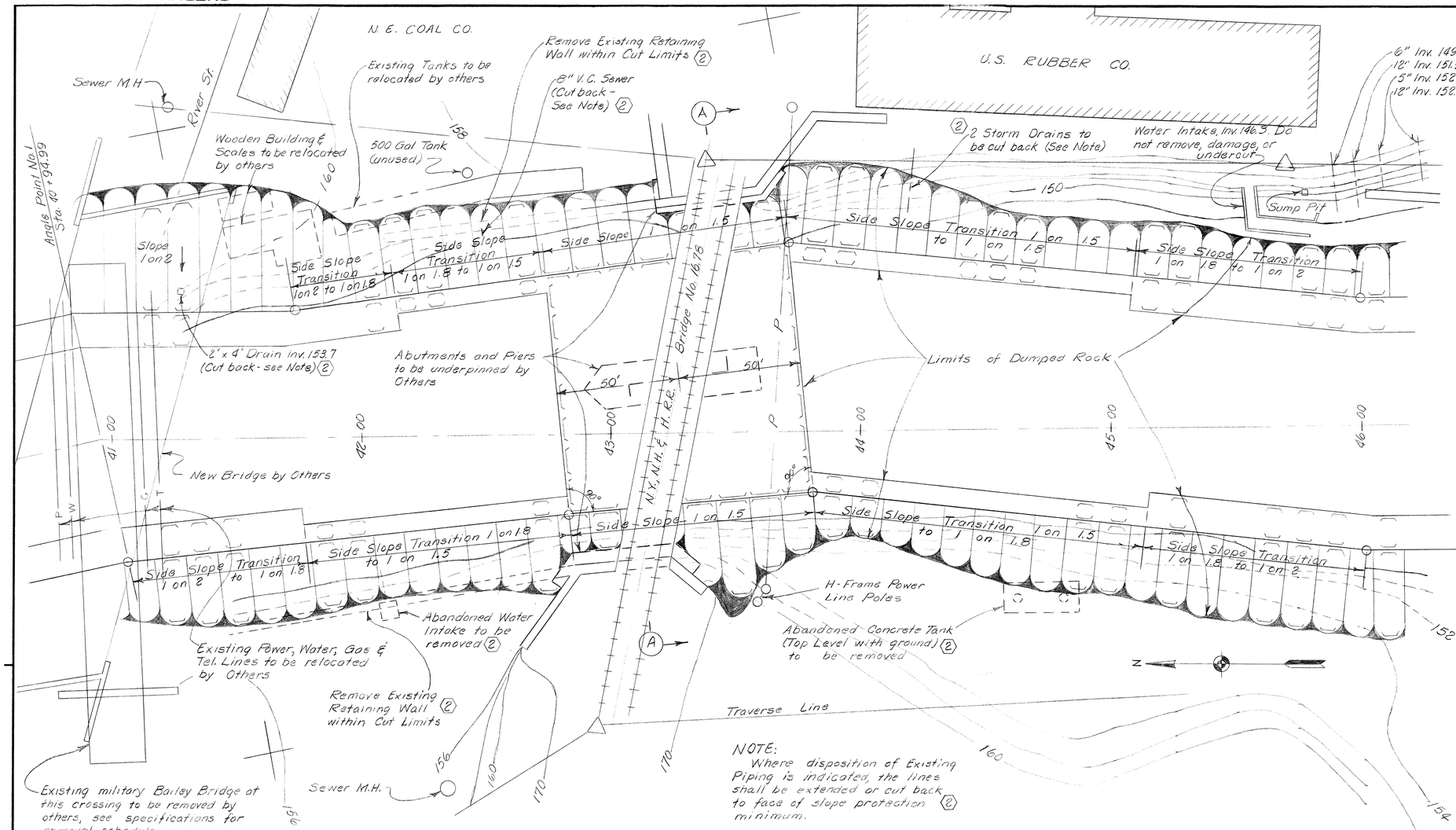
50-1600 (10)

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

Addendum No. 3

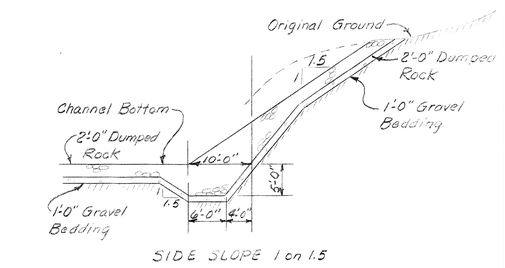
CORPS OF ENGINEERS

U. S. ARMY

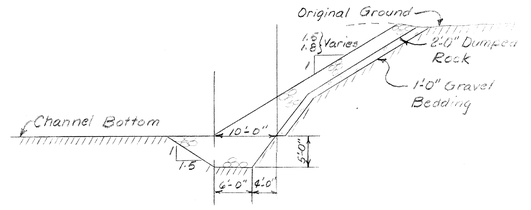


PLAN

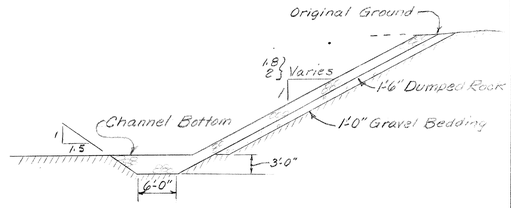
SCALE: 1" = 20'



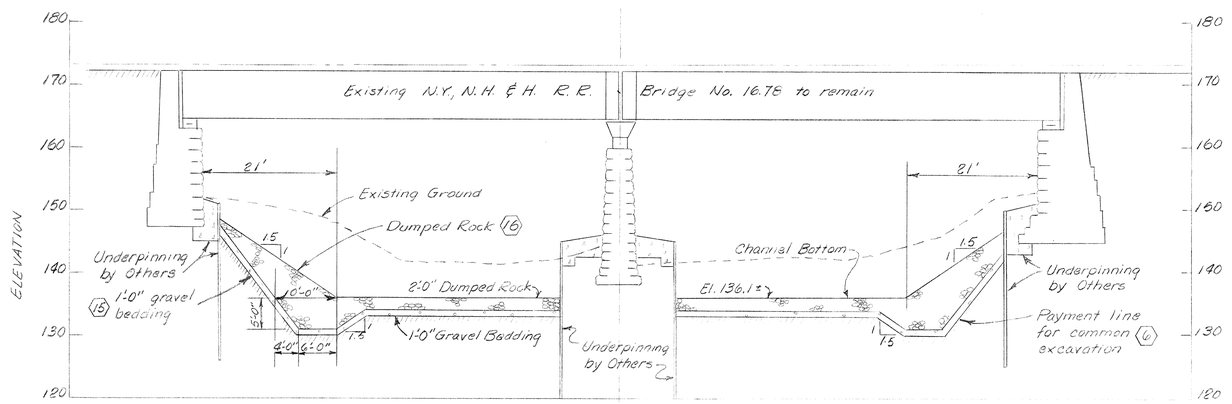
SIDE SLOPE 1 on 1.5



SIDE SLOPE 1 on 1.5 to 1 on 1.8



SIDE SLOPE 1 on 1.8 to 1 on 2



CHANNEL SECTION A-A

SCALE: 1" = 10'

TYPICAL SLOPE TREATMENT

SCALE: 1" = 10'

NOTES

1. For General Notes and Legend, see Sheet No. 11.
2. Full channel cut beneath R.R. Bridge shall not be initiated until underpinning has been completed by R.R.
3. This drawing supersedes the channel improvement shown on Sheet No. 11, between Sta. 40+94.99 and Sta. 46+00.

Record Drawing
CONTRACT NO. CIV. ENG-19-016-57-412

REVISION	DATE	DESCRIPTION	BY

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
M.W.C.	W.V.M.	M.W.C.

PROJECT ENGINEER

SUBMITTED BY
CHIEF, PLANS & PROJ'TS BRANCH

APPROVED
CHIEF ENGINEERING DIV.

APPROVED
LT. COL. C.E. ASST. TO DIVISION ENGINEER

DATE NOV. 1957

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
CHANNEL IMPROVEMENT
SUPPLEMENT TO PART 5.
BLACKSTONE RIVER, RHODE ISLAND.

SCALE: AS SHOWN | SPEC. NO. CIV. ENG-19-016-57-81.

DRAWING NUMBER
BE-1-1092

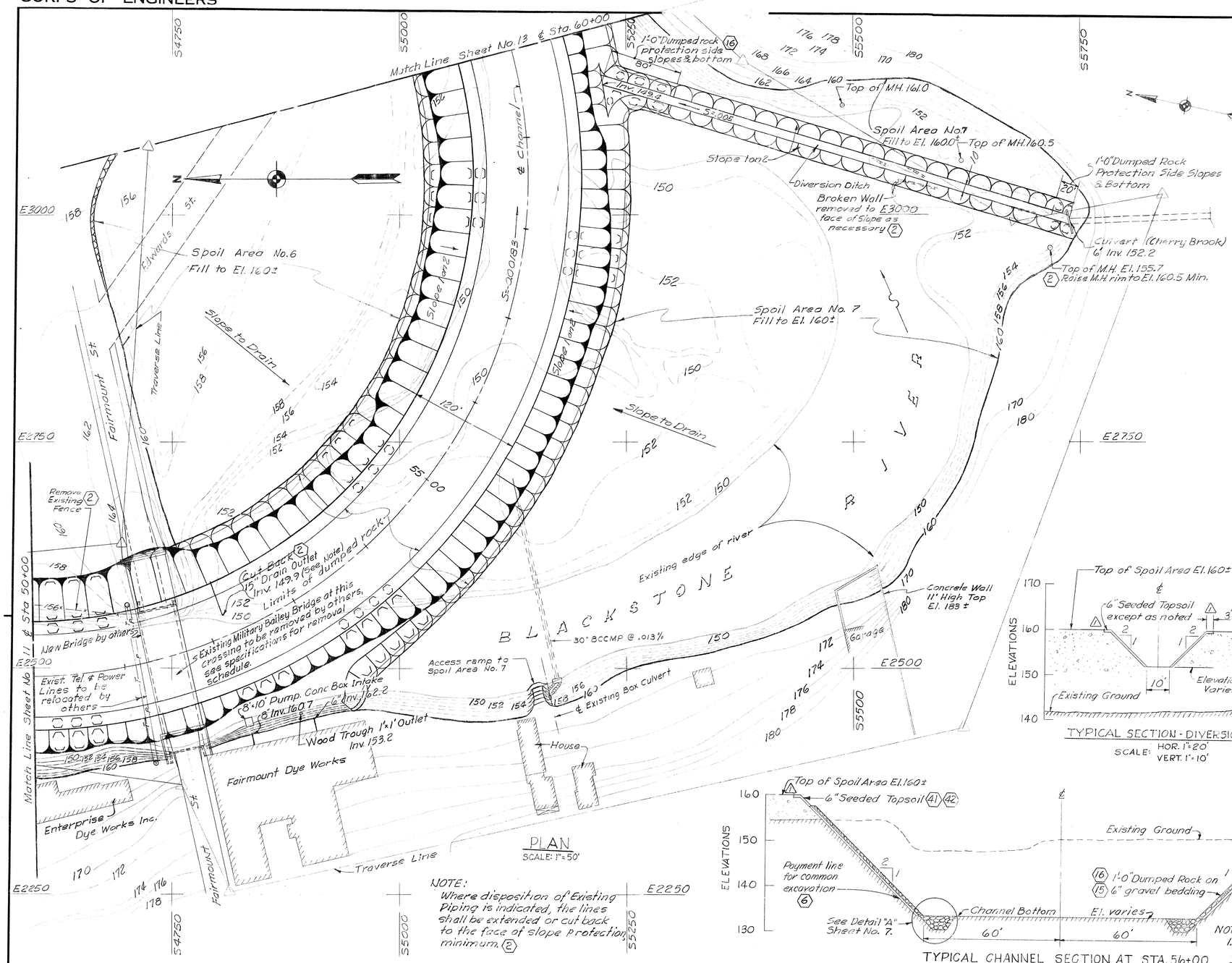
SHEET 11A OF 67.

50-1600

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

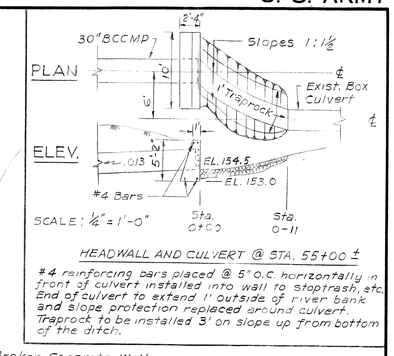
CORPS OF ENGINEERS

U. S. ARMY



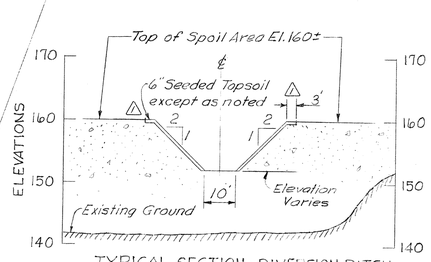
PLAN
SCALE: 1"=50'

NOTE:
Where disposition of Existing Piping is indicated, the lines shall be extended or cut back to the face of slope protection minimum. (2)

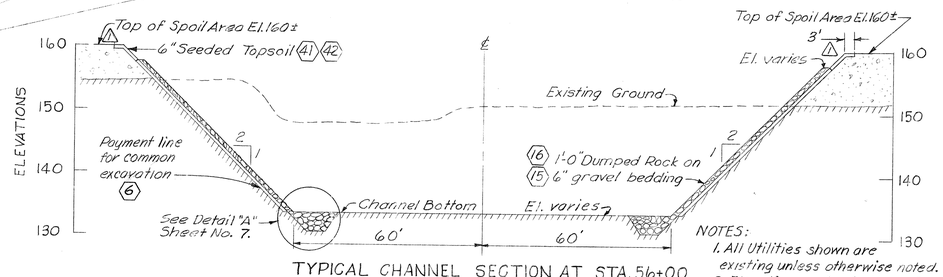


HEADWALL AND CULVERT @ STA. 55+00 ±

#4 reinforcing bars placed @ 5" O.C horizontally in front of culvert installed into wall to stoptrash, etc. End of culvert to extend 1' outside of river bank and slope protection replaced around culvert. Traprock to be installed 3' on slope up from bottom of the ditch.

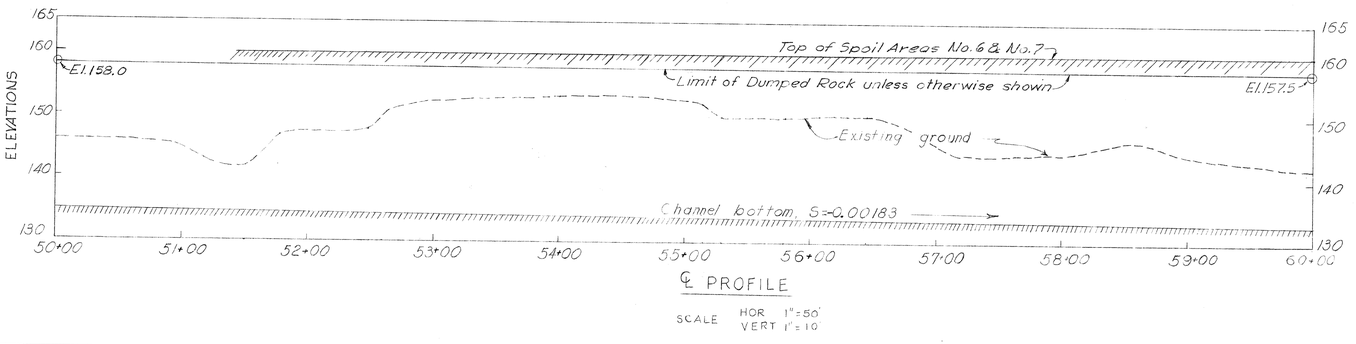


TYPICAL SECTION - DIVERSION DITCH
SCALE: HOR. 1"=20' VERT. 1"=10'



TYPICAL CHANNEL SECTION AT STA. 56+00
SCALE: HOR. 1"=20' VERT. 1"=10'

NOTES:
1. All Utilities shown are existing unless otherwise noted.
2. Elevations refer to Mean Sea Level Datum.
3. Figures in hexagons are item numbers under which payment will be made.



℄ PROFILE
SCALE HOR 1"=50' VERT 1"=10'

SCALE: 1"=50'
50' 0' 50' 100'

SCALE 1"=20'
20' 0' 20' 40'

LEGEND
Cut Slope
Fill Slope
Dumped Rock

SITE PLAN - FAIRMOUNT STREET
(EXISTING CONDITIONS)
SCALE: 1"=20'

Record Drawing
Contract No. DIV-19-016- 57-412

REVISION	DATE	DESCRIPTION	BY
	7/19/60	Final Field Corrections	
△	5/22/57	Minor Revisions per Addendum No. 1	MWC

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
D.G.D.	A.M.C.	R.W.D. M.W.C.

PROJECT ENGINEER
SUBMITTED BY
CHIEF, PLANS & SPECS. BRANCH
APPROVED
CHIEF ENGINEERING DIV.
APPROVED
LT. COL., C.E., ASST. TO DIVISION ENGINEER

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
CHANNEL IMPROVEMENT - PART 6
BLACKSTONE RIVER, RHODE ISLAND
DATE MAR. 1957

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG. 19-016-57-81
DRAWING NUMBER BE-1-1106
SHEET 12 OF 67

50-1600

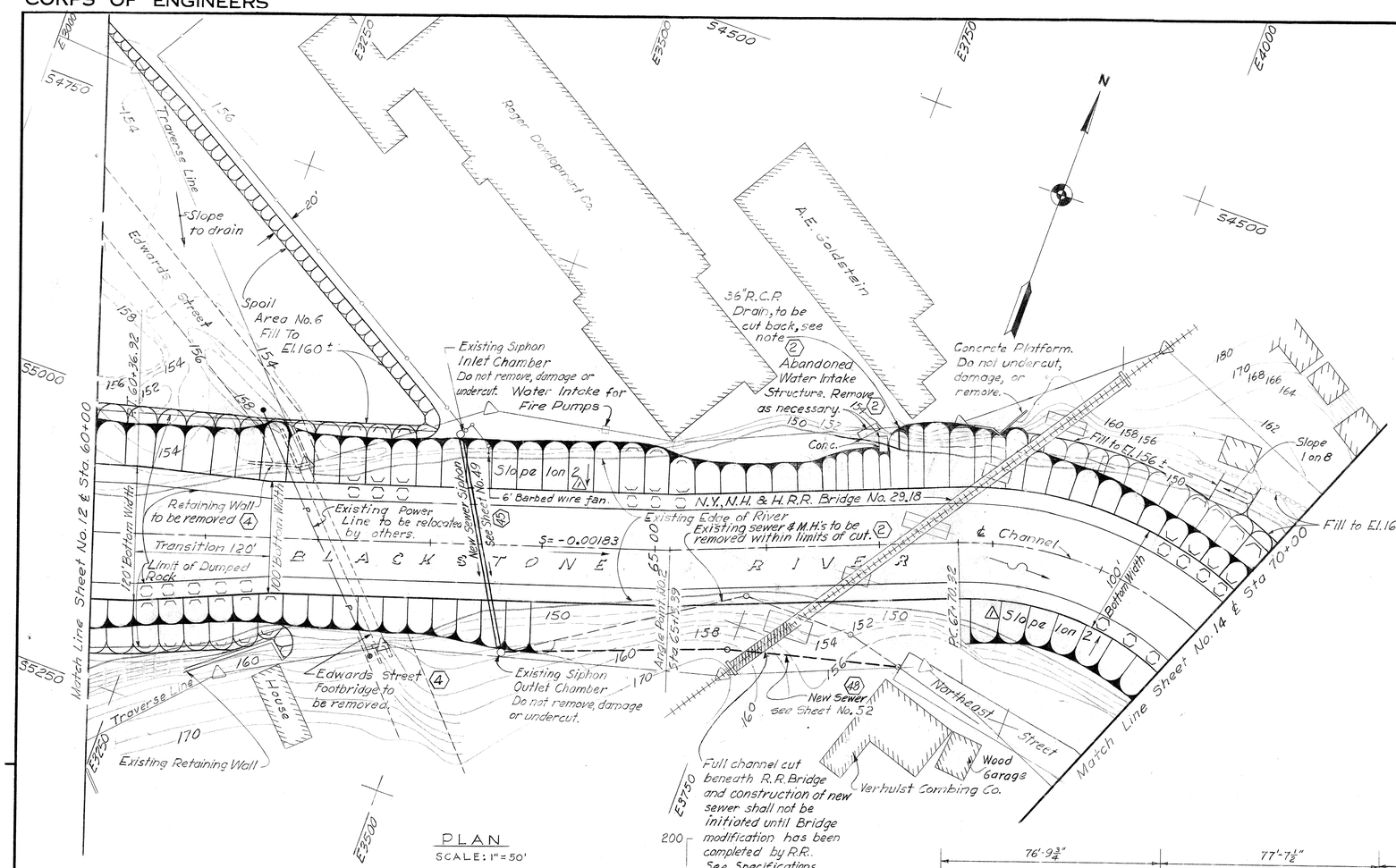
12

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

Addendum No. 3

CORPS OF ENGINEERS

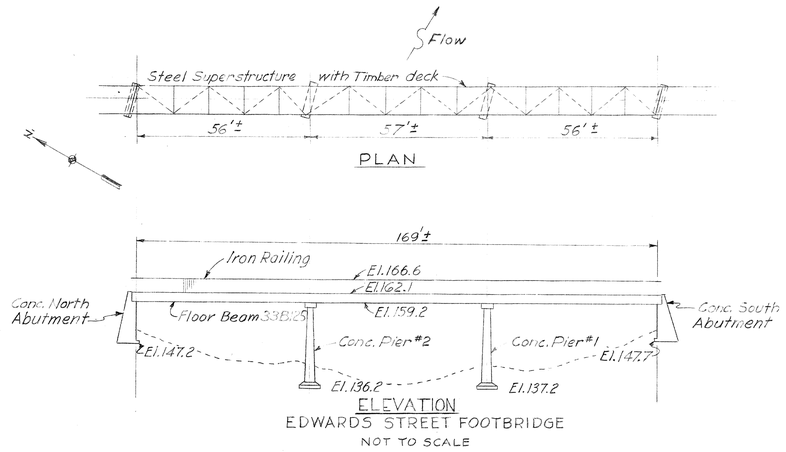
U. S. ARMY

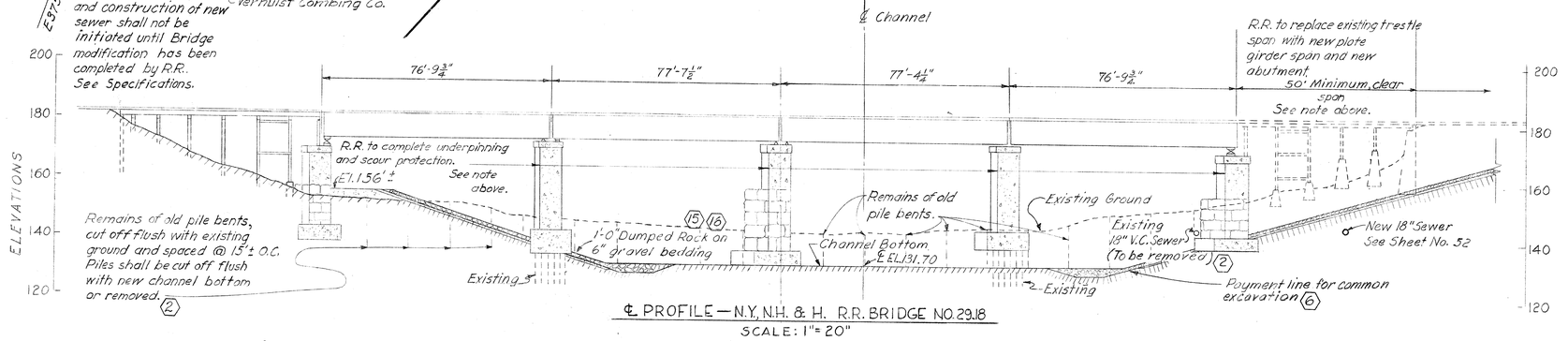


PLAN

SCALE: 1" = 50'

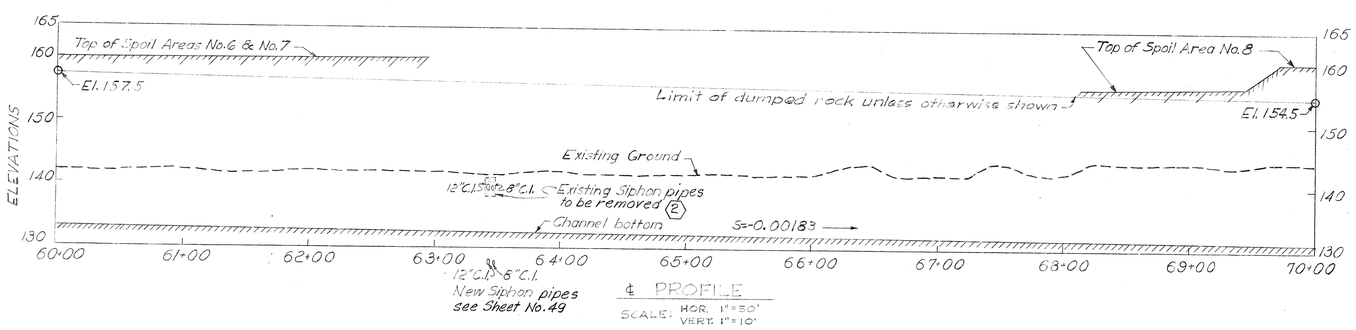
Note:
Where disposition of existing drains is indicated, the lines shall be extended or cut back to the face of the slope protection, minimum. (2)





℄ PROFILE — N.Y. N.H. & H. R.R. BRIDGE NO. 29.18

SCALE: 1" = 20"



Notes:
1. All Utilities shown are existing unless otherwise noted.
2. Elevations refer to Mean Sea Level Datum.
3. Figures in hexagons are item numbers under which payment will be made.

SCALE 1" = 50

50' 0' 50' 100'

SCALE 1" = 20

20 0 20 40

LEGEND

Cut Slope

Fill Slope

Dumped Rock

Record Drawing
Contract No. CIV-19-016-57-412

REVISION	DATE	DESCRIPTION	BY
	7/19/60	Final Field Corrections	
△	5/22/57	Minor Revisions per Addendum No.1	MWG

CORPS OF ENGINEERS. U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS

DR. BY	TR. BY	CK. BY
H.E.B.	A.R.Q.	W.V.M/ M.W.G.

PROJECT ENGINEER

SUBMITTED BY:
CHIEF PLANN. & ENGR'S BRANCH

APPROVED
CHIEF ENGINEERING DIV.

APPROVED
LT. COL., C.E., ASST. TO DIVISION ENGINEER

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
CHANNEL IMPROVEMENT - PART 7
BLACKSTONE RIVER, RHODE ISLAND

DATE MAR. 1957

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG. 19-016-57-81

DRAWING NUMBER
BE-1-1107

SHEET 13 OF 67

50-1600

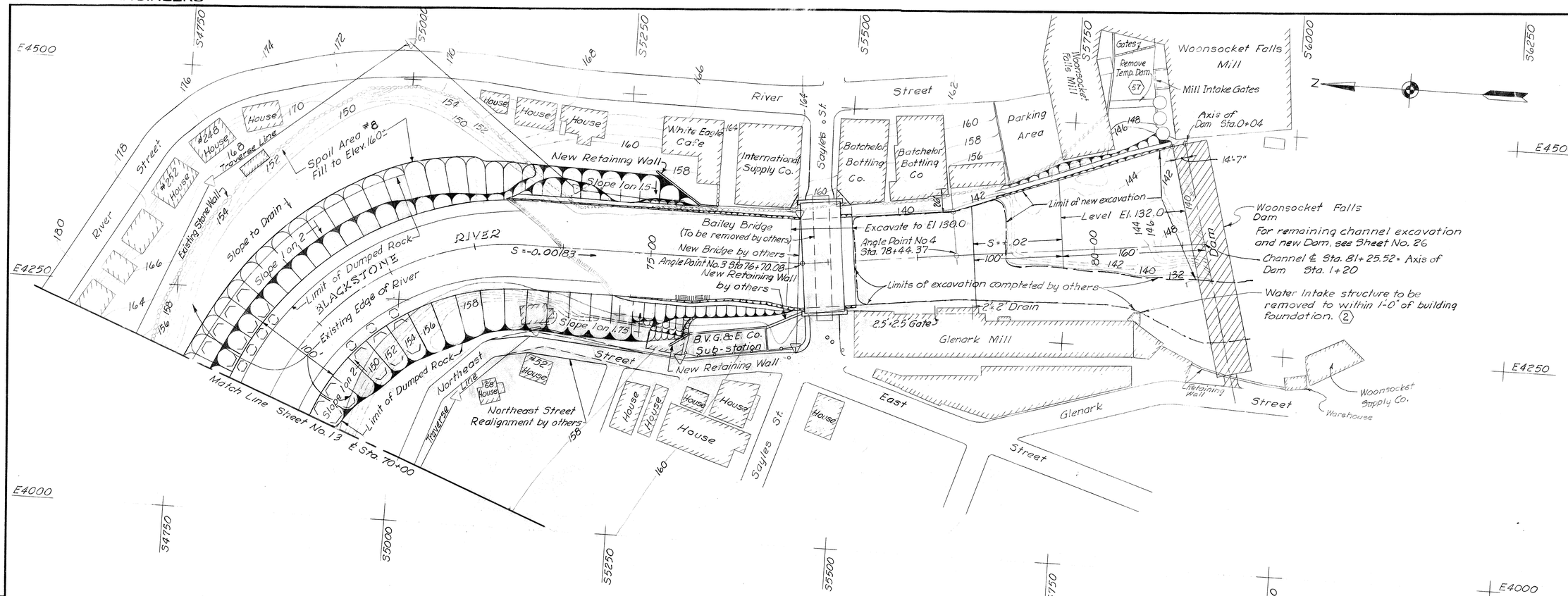
13

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

Addendum No. 3

CORPS OF ENGINEERS

U. S. ARMY



PLAN

SCALE: 1"= 50'

NOTES:

1. For Channel Details from Sta. 70+00 to Sta. 77+22 See Sheet No. 15
2. For Channel Sections from Sta. 72+50 to Woonsocket Falls Dam, See Sheet No. 16
3. Figures in hexagons are item numbers under which payment will be made.
4. Elevations refer to Mean Sea Level Datum.

SCALE 1"= 50'

SCALE 1"= 20'

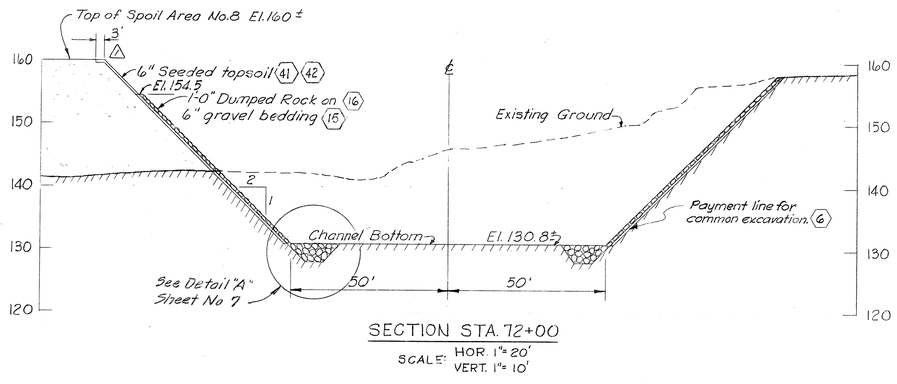
SCALE 1"= 10'

LEGEND

Cut Slope

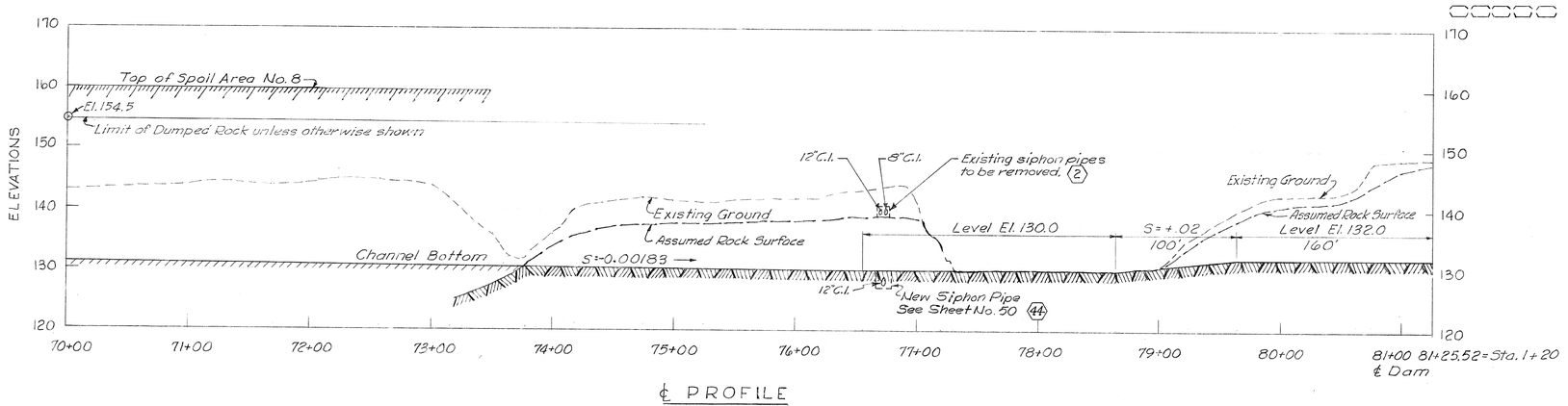
Fill Slope

Dumped Rock



SECTION STA. 72+00

SCALE: HOR. 1"= 20' VERT. 1"= 10'



℄ PROFILE

SCALE HOR. 1"=50' VERT. 1"=10'

Record Drawing
Contract No. DA-19-016- 57-412

REVISION	DATE	DESCRIPTION	BY
△	5/22/57	Minor Revisions per Addendum No. 1	M.N.C.

CORPS OF ENGINEERS. U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
A.M.C.	D.G.D.	B.S.J. M.W.C.

PROJECT ENGINEER: R. J. Frazier

SUBMITTED BY: CHIEF PLANS & REPORTS BRANCH

APPROVED: CHIEF ENGINEERING DIV.

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
CHANNEL IMPROVEMENT - PART 8
BLACKSTONE RIVER, RHODE ISLAND

DATE MAR. 1957

APPROVED: LT. COL., C.E., ASST. TO DIVISION ENGINEER

SCALE: AS SHOWN | SPEC NO. CIVIL ENG. 19-016-57-81

DRAWING NUMBER
BE-1-1108

SHEET 14 OF 67

50-1600

14

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

Addendum No. 3

CORPS OF ENGINEERS

U. S. ARMY

River Street

Existing Inv. 163.7

Existing Stone Wall

House

House #246

Garage

House #252

Existing Edge of River

Spoil Area #3 Fill to Elev. 160±

End of dumped rock (16)

Beginning of derrick stone (17)

Existing 12" Inv. 154.9 (2) to be extended, see note

Existing Clothes Pole

Limit of Derrick Stone

(39) New Chain Link Fence

White Eagle Cafe

International Supply Co.

Existing Siphon Chamber to be removed (24)

New Siphon Outlet Chamber

Existing Curb

Existing Sewer

New Apartment by others

Exist. Tel. M.H.

Existing Gas Main

Existing M.H.

Existing Sewer

Existing Water

Sayles Street

Bachelor Bottling Co.

Slope Transition 1 on 2 to 1 on 1.75

Slope 1 on 1.75 to 1 on 1.5

Bedding Transition

Slope to drain

Existing Poles to be relocated by others

New Retaining Wall (See Sheet No. 25)

Rock Cut

Additional Fencing

Existing Stone Wall

Limit of Dumped Rock

Slope 1 on 2

Existing Clothes Pole (2) (to be removed)

Existing Edge of River

Rock Outcrop

Existing wall to be removed within limits of cut (2)

Existing Bailey Bridge (to be removed by others) For removal schedule see specifications. New Bridge by others

Exist. overhead power lines to be relocated by others.

BLACKSTONE

℄ Channel 73+50 Reference Line

72+50 Reference Line

PT 73+52.24

S = -0.00183

Exist. Fire Alarm location. Cable to be relocated by others

Provide clearance for Guard Rail anchor between Fence and Guard Rail.

(42) New Sewer Siphon see Sheet No. 50

Angle Point No. 3, Sta. 76+70.08

Exist. Storm Drain (2) to be cut back. See note.

Exist. 12" V.C. to be cut back. See note (2)

For disposition of Existing 16" V.C. see Sheet No. 25

Excavate to El. 130.0

Slope Transition 1on2 to 1on1.75

Existing Conc. Wall to be removed (2)

House to be removed (2)

New Guard Rail (38)

Exist. M.H.

Exist. Pole

Northeast Street

Exist. Poles

Slope 1on1.75

New Chain Link Fence

Existing Retaining Wall

New Retaining Wall (by others)

Exist. Sheet Piling

House and Garage

New Retaining Wall (See Sheet No. 25)

B.V.G. & E. Company Gas Station

Exist. Fence

Exist. Fire Alarm

Exist. Elec. Lines

Exist. Storm Drain Inv. 151.40 to be extended by others

Existing Siphon Inlet Chamber

Existing Water

Existing M.H.s

Existing Pole

Existing Pole East Street

Existing Tel. M.H.

Exist. Sewer

Exist. Tel. Lines

Exist. Curb

Exist. Bldg. to be removed (2)

Exist. Hyd.

Exist. Guy Pole

2 Clothes Poles

House #52

House #68

Northeast Sreet realignment. (by others)

Existing Road

Existing Cabling

Existing Pole

Existing Hyd

Sayles Street

Slope 1on2

Limit of Dumped Rock

Edge of New Channel

70+00 ℄ STA. 70+00

Exist. Power & Tel.

Guard Rail Anchor

LEGEND

Cut Slope

Fill Slope

Dumped Rock

Note:
Where disposition of existing drains is indicated, the lines shall be extended or cut back to the face of slope protection, minimum. (2)

PLAN

SCALE: 1" = 20'

SCALE 1" = 20'

20' 0' 20' 40'

Record Drawing

Contract No. CIVIL 19-016-57-412

REVISION	DATE	DESCRIPTION	BY
	7/19/60	Final Field Corrections	

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
A.V.T.	A.V.T.	B.S.J. M.W.C.

R. J. Pagin
PROJECT ENGINEER

SUBMITTED BY
CHIEF, PLANS & SPECS. BRANCH

APPROVED
CHIEF ENGINEERING DIV.

APPROVED
LT. COL., C.E., ASST. TO DIVISION ENGINEER

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
CHANNEL IMPROVEMENT - PART 8 A
BLACKSTONE RIVER, RHODE ISLAND

DATE MAR. 1957

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG. 19-016-57-81

DRAWING NUMBER
BE-1-1109

SHEET 15 OF 67

50-1600

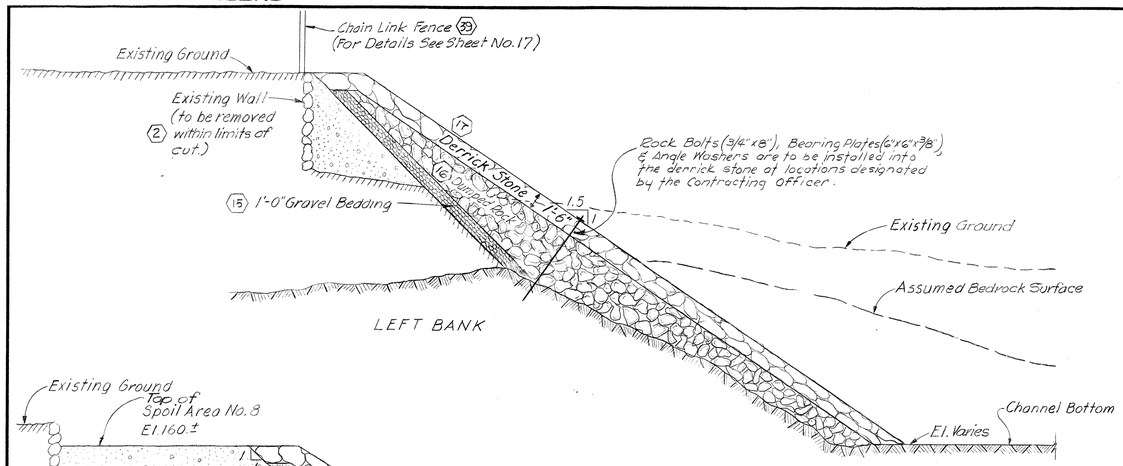
(15)

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

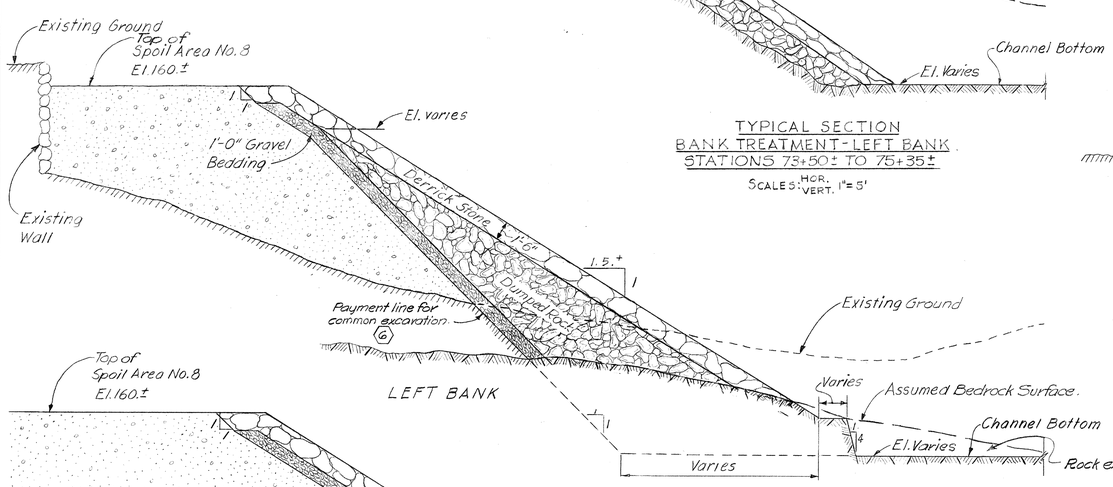
Addendum No. 3

CORPS OF ENGINEERS

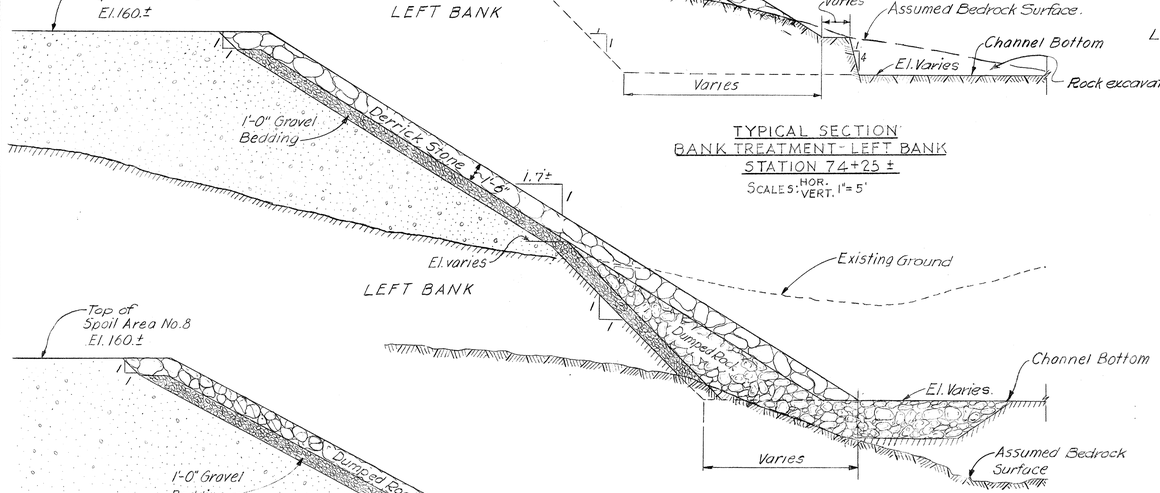
U. S. ARMY



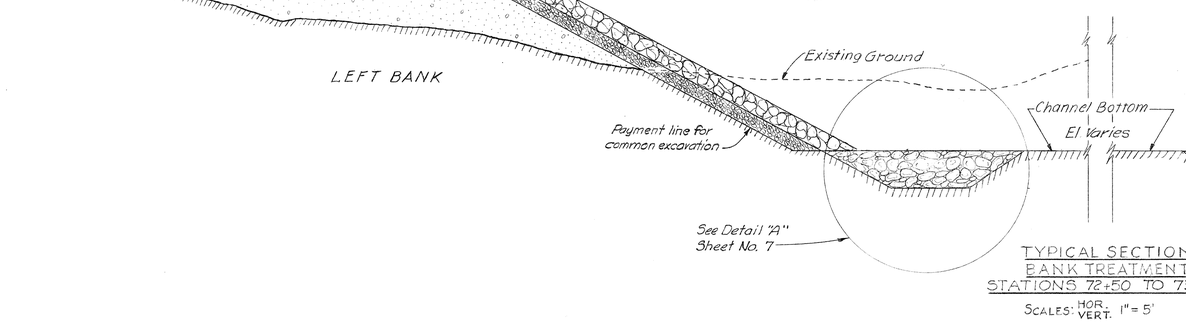
TYPICAL SECTION
BANK TREATMENT - LEFT BANK
STATIONS 73+50± TO 75+35±
SCALES: HOR. 1"=5' VERT. 1"=5'



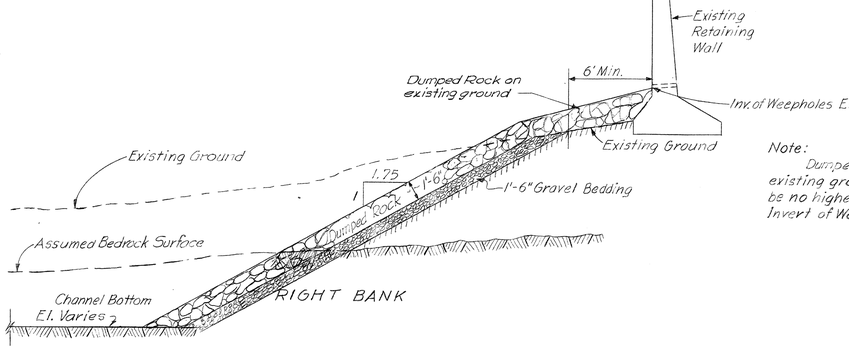
TYPICAL SECTION
BANK TREATMENT - LEFT BANK
STATION 74+25 ±
SCALES: HOR. 1"=5' VERT. 1"=5'



TYPICAL SECTION
BANK TREATMENT - LEFT BANK
STATION 73+10±
SCALES: HOR. 1"=5' VERT. 1"=5'

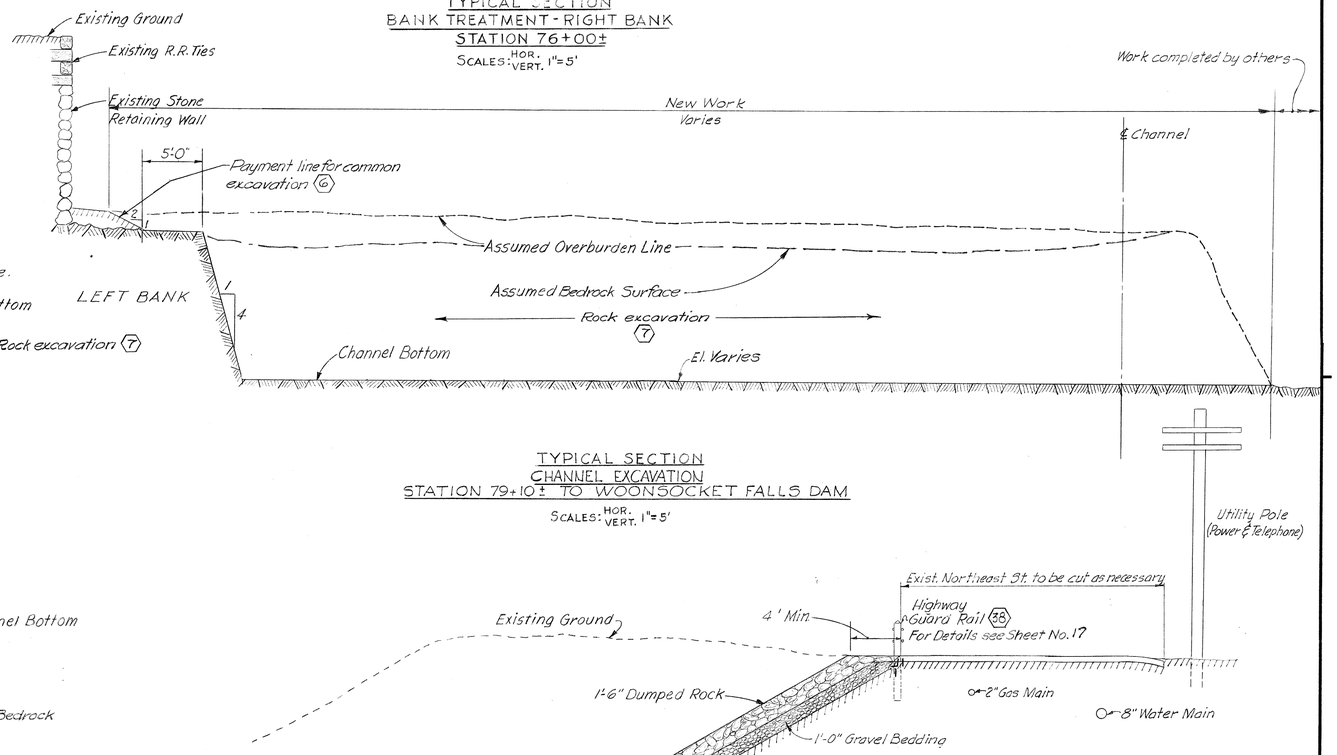


TYPICAL SECTION
BANK TREATMENT
STATIONS 72+50 TO 73+00
SCALES: HOR. 1"=5' VERT. 1"=5'



Note:
Dumped Rock on existing ground shall be no higher than Invert of Weepholes.

TYPICAL SECTION
BANK TREATMENT - RIGHT BANK
STATION 76+00±
SCALES: HOR. 1"=5' VERT. 1"=5'



TYPICAL SECTION
CHANNEL EXCAVATION
STATION 79+10± TO WOONSOCKET FALLS DAM
SCALES: HOR. 1"=5' VERT. 1"=5'

Note:
1. All utilities shown are existing.
2. Elevations refer to Mean Sea Level Datum.
3. Figures in hexagons are item numbers under which payment will be made.

SCALE: 1" = 5'
0 5 10

Record Drawing
Contract No. CIV-19-016-57-412

REVISION	DATE	DESCRIPTION	BY
	7/19/60	Final Field Corrections	

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS

DR. BY	TR. BY	CK. BY
H.E.B.	H.E.B.	B.S.J. M.W.C.

PROJECT ENGINEER
SUBMITTED BY
CHIEF PLANNING BRANCH
APPROVED
CHIEF ENGINEERING DIV.
APPROVED
LT. COL., C.E., ASST TO DIVISION ENGINEER

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
CHANNEL IMPROVEMENT
PARTS 8 & 8A-TYPICAL SECTIONS
BLACKSTONE RIVER, RHODE ISLAND
DATE MAR. 1957

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG. 9-016-57-81

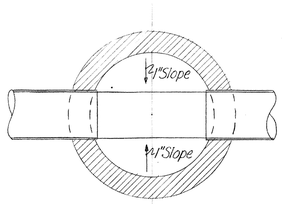
DRAWING NUMBER
BE-1-1110

SHEET 16 OF 67

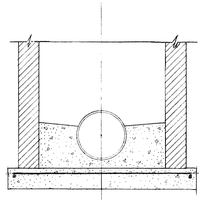
50-1600 (16)

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

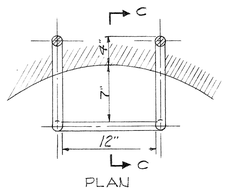
Addendum No. 3



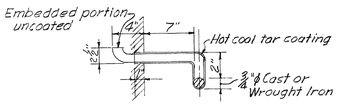
SECTION A-A



SECTION B-B



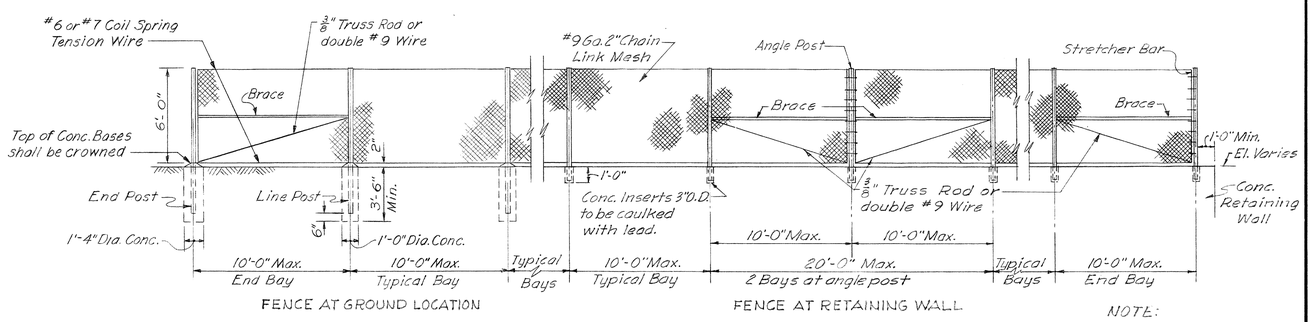
PLAN



SECTION C C

TYPICAL STEP DETAIL

SCALE: 1½"=1'-0"



FENCE AT GROUND LOCATION

FENCE AT RETAINING WALL

TYPICAL FENCE DETAILS

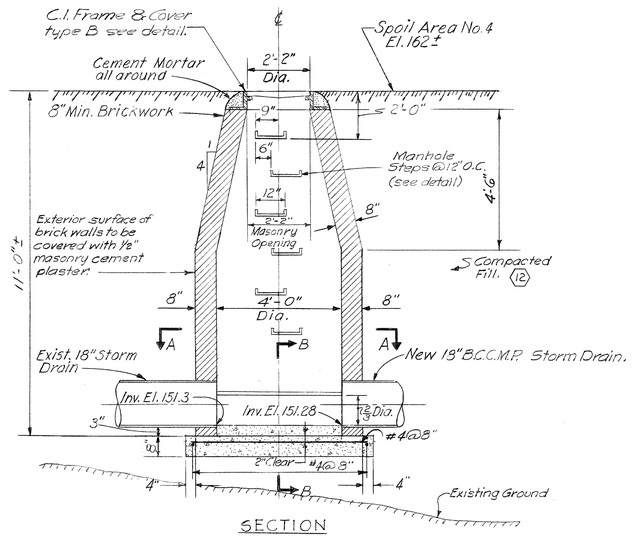
SCALE: ¼"= 1'-0"

NOTE:

Line posts 2.5" O.D. tubular steel 3.65 #/ft.

End, angle, or corner posts 3" O.D. tubular steel 5.79 #/ft.

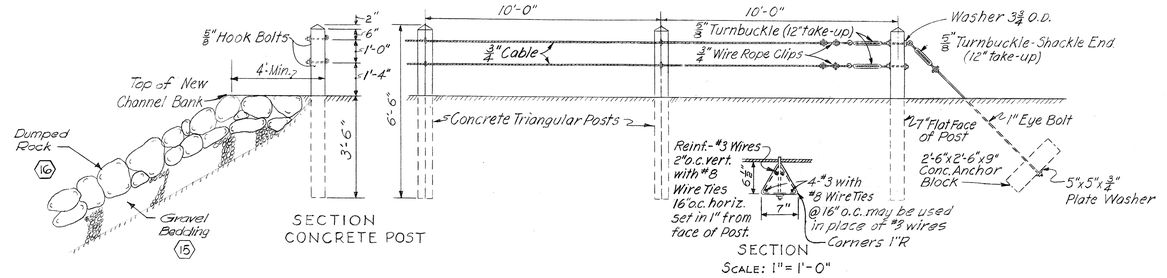
Braces - 1.625 O.D. tubular steel 2.27#/ft.



SECTION

DRAIN MANHOLE AT SPOIL AREA No. 4

SCALE: ½"= 1'-0"



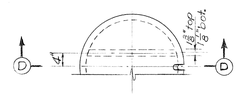
SECTION CONCRETE POST

SECTION

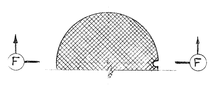
Scale: 1"= 1'-0"

GUARD RAIL ELEVATION AT NORTHEAST STREET

SCALE: ⅜"= 1'-0"

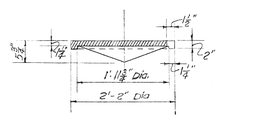


PLAN



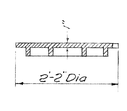
PLAN

PLAN



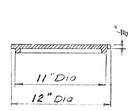
SECTION D D

SOLID COVER TYPE B



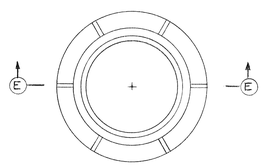
SECTION F F

SOLID COVER TYPE C

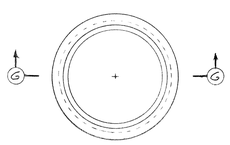


SECTION H H

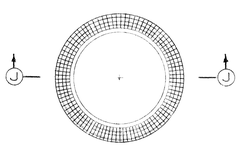
SOLID COVER TYPE D



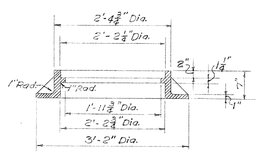
PLAN



PLAN



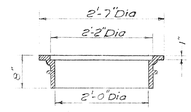
PLAN



SECTION E E

CIRCULAR FRAME TYPE B

SCALE: ¾"= 1'-0"

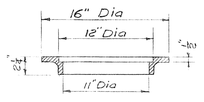


SECTION G G

CIRCULAR FRAME TYPE C

SCALE: ¾"= 1'-0"

MINIMUM WT. = 430 LBS.



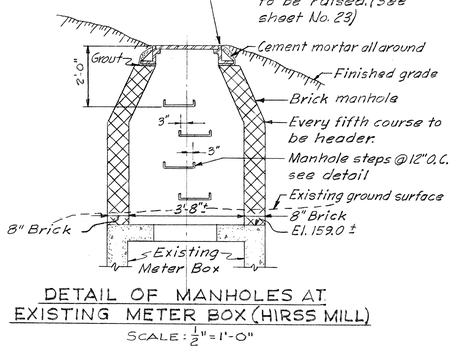
SECTION J J

CIRCULAR FRAME TYPE D

SCALE 1½"= 1'-0"

MINIMUM WT. = 35 LBS.

MANHOLE COVER & FRAME DETAILS



DETAIL OF MANHOLES AT EXISTING METER BOX (HIRSS MILL)

SCALE: ½"= 1'-0"

SCALE 1½"= 1'-0"

12" 9" 6" 3" 0 6" 12"

SCALE 1" = 1'-0"

1' 0 1' 2'

SCALE ¾" = 1'-0"

1' 0 1' 2' 3'

SCALE ½" = 1'-0"

1' 0 1' 2' 3' 4' 5'

SCALE ⅜" = 1'-0"

4' 0 4'

SCALE ¼" = 1'-0"

4' 0 4' 8'

Notes.

1. Elevations refer to Mean Sea Level Datum.
2. Figures in hexagons are item numbers under which payment will be made.
3. Manhole in Spoil Area No 4 will be paid for under Item No. 51.
4. Chain link fence will be paid for under item No. 39.
5. Guard Rail at Northeast Street will be paid for under Item No 35.

Record Drawing
Contract No. CIVIL 19-016- 57-412

REVISION	DATE	DESCRIPTION	BY

CORPS OF ENGINEERS. U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
H.E.B.	D.G.D.	M.W.C.

R. J. Fragin
PROJECT ENGINEER

SUBMITTED BY
CHIEF PLANNING & REAL ESTATE DIV.

APPROVED
CHIEF ENGINEERING DIV.

APPROVED
Lt. Col. C.E. A.S.F. DIVISION ENGINEER

DATE MAR. 1957

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
MISCELLANEOUS DETAILS
BLACKSTONE RIVER, RHODE ISLAND

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG. 19-016-57-81

DRAWING NUMBER
BE-1-1111

SHEET 17 OF 67

50-1600 (17)

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

CORPS OF ENGINEERS

U. S. ARMY

PLAN
SCALE 1"=20'

LEGEND
Cut Slope
Fill Slope
164x75 New Elevation
SCALE 1" = 20
20 0 20 40

Note:
1. Elevations refer to Mean Sea Level datum.
2. Figures in hexagons are item numbers under which payment will be made.

PLAN
SCALE: 1"=20'

TYPICAL SECTION
SCALE: 1"=5'

Record Drawing
Contract No. cw-19-016-357-412

REVISION	DATE	DESCRIPTION	BY
	7/19/60	Final Field Corrections	
△	5/22/57	Minor Revision per Addendum No. 1	MWC

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
A.M.C.	A.M.C.	E.C.C. M.W.C.

PROJECT ENGINEER
SUBMITTED BY: CHIEF PLANS & SPECS BRANCH
APPROVED: CHIEF ENGINEERING DIV.
APPROVED: LT. COL., C.E., ASST. TO DIVISION ENGINEER
DATE MAR. 1957

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
DIKE NO. 1 - PLAN & SECTION
BLACKSTONE RIVER, RHODE ISLAND

SCALE: AS SHOWN
SPEC. NO. CIVIL ENG. 19-016-57-81
DRAWING NUMBER BE-1-1112
SHEET 18 OF 67

50-1600 (18)

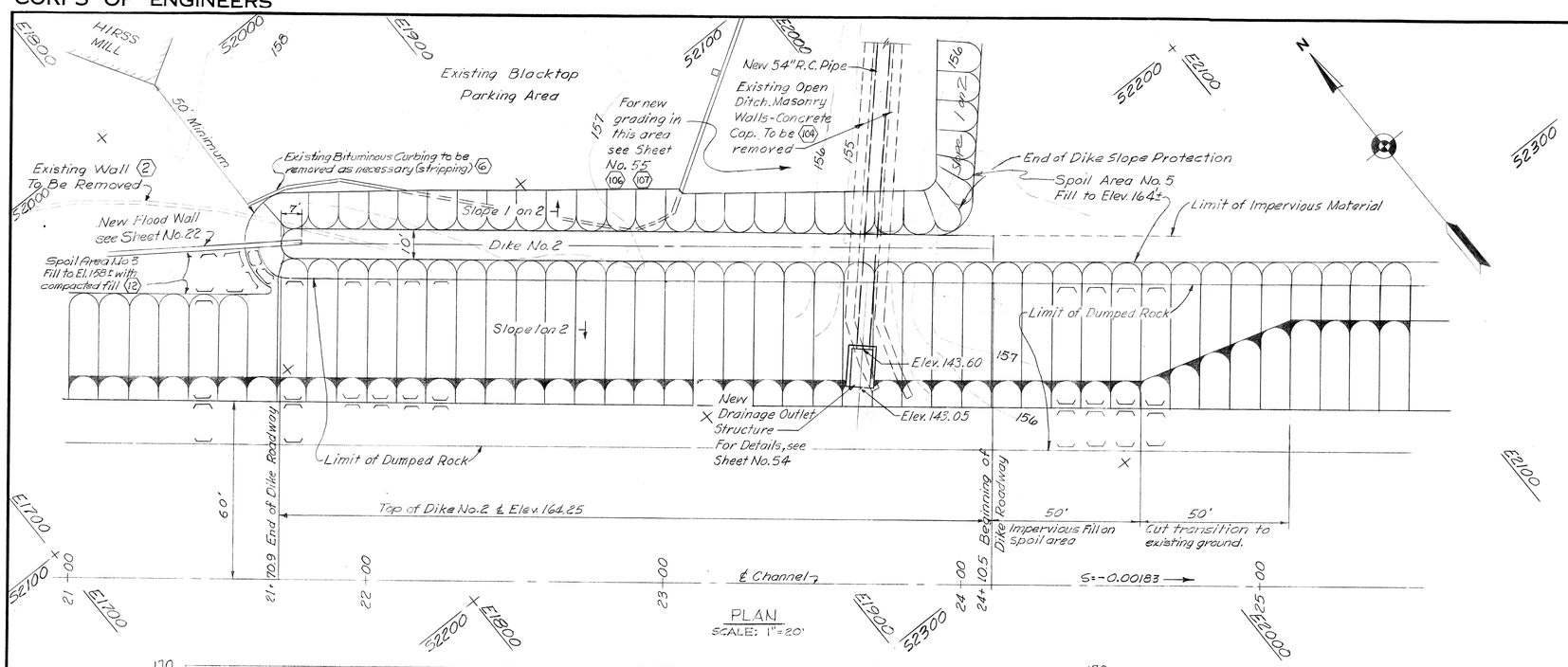
△

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

Addendum No. 3

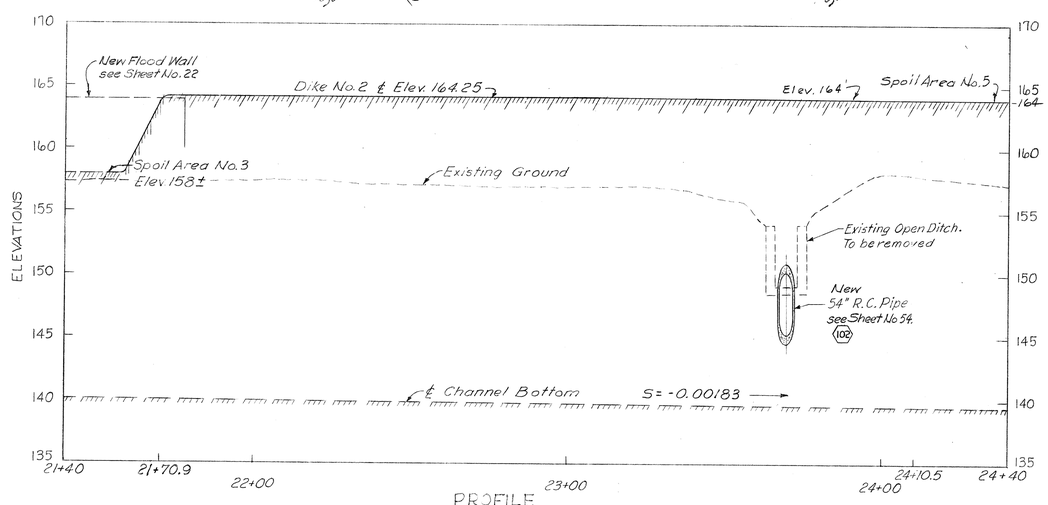
CORPS OF ENGINEERS

U. S. ARMY



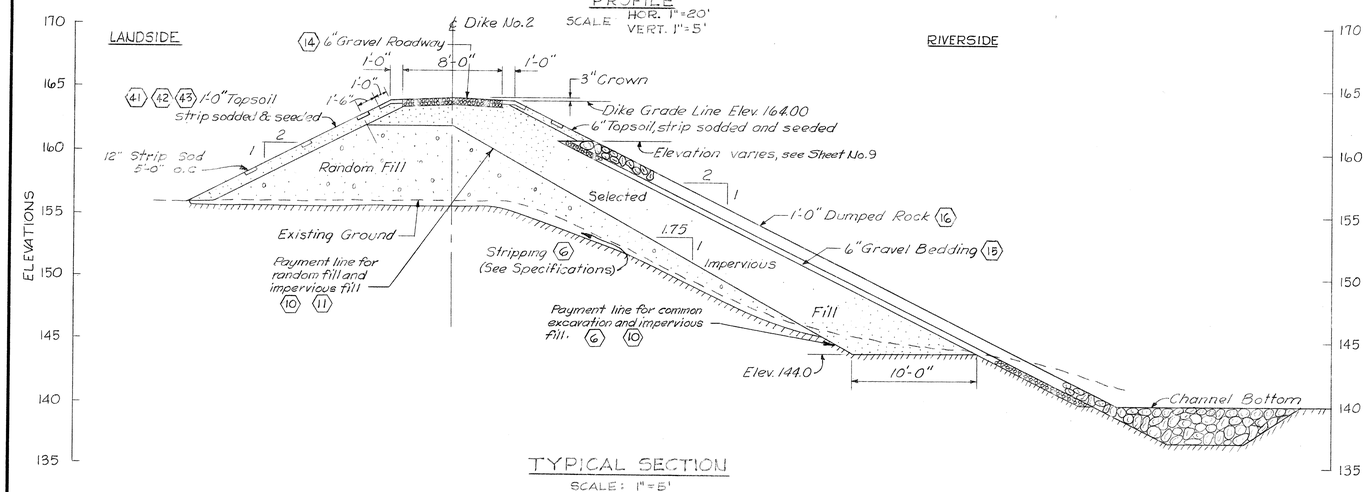
PLAN

SCALE: 1" = 20'



PROFILE

SCALE HOR. 1"=20'
VERT. 1"=5'



TYPICAL SECTION

SCALE: 1" = 5'

LEGEND

Cut Slope

Fill Slope

SCALE 1" = 20

20 0 20 40

Notes.

1. Elevations refer to Mean Sea Level Datum.
2. Figures in hexagons are item numbers under which payment will be made.

Record Drawing
Contract No. cw-19-016-57-412

REVISION	DATE	DESCRIPTION	BY
	7/19/60	Final Field Corrections	

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
A.M.C. H.E.B.	H.E.B.	M.W.C.

PROJECT ENGINEER

SUBMITTED BY: CHIEF PLANS & SPECIFICATIONS BRANCH

APPROVED: CHIEF ENGINEERING DIV.

APPROVED: LT. COL., C.E., ASST. TO DIVISION ENGINEER

DATE MAR. 1957

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
DIKE NO. 2 - PLAN, PROFILE & SECTION
BLACKSTONE RIVER, RHODE ISLAND

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG. 19-016-57-81

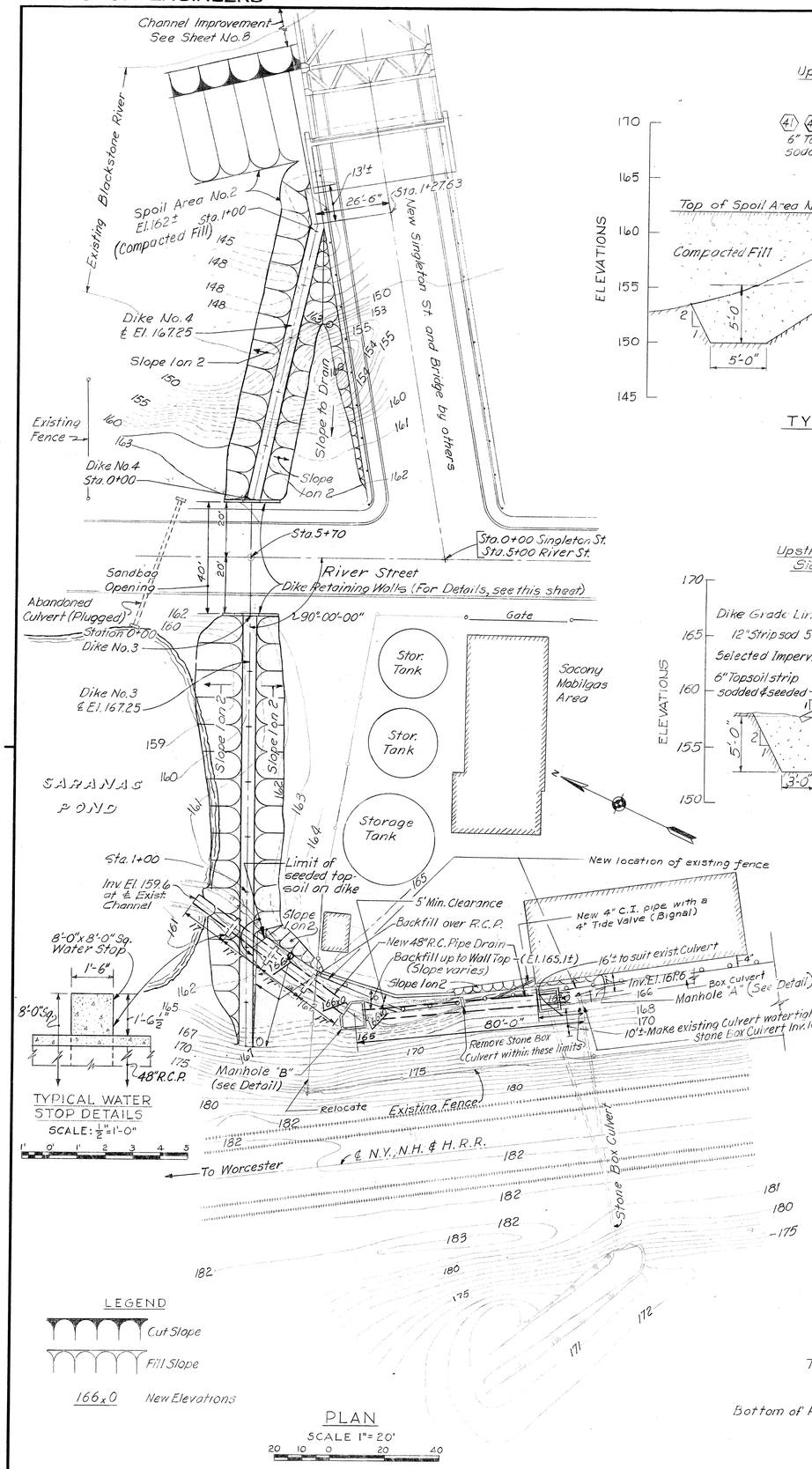
DRAWING NUMBER
BE-1-1113

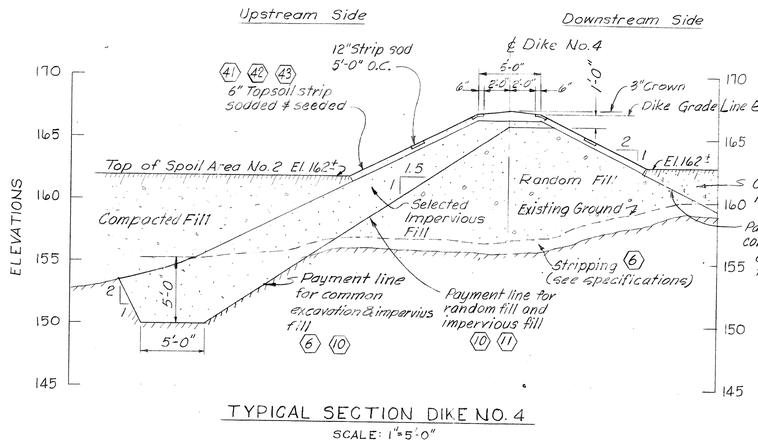
SHEET 19 OF 67

50-1600 (19)

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

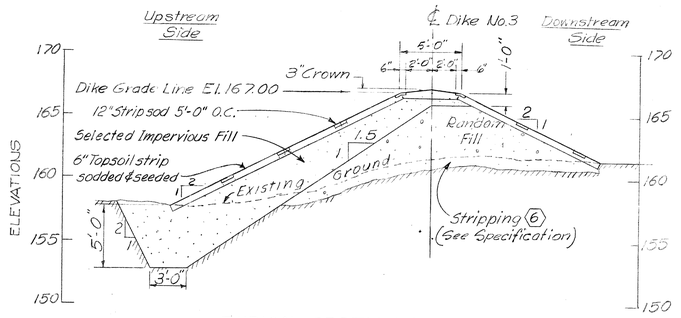
Addendum No. 3





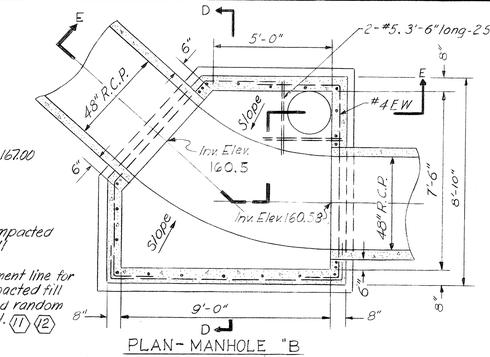
TYPICAL SECTION DIKE NO. 4

SCALE: 1"=5'-0"



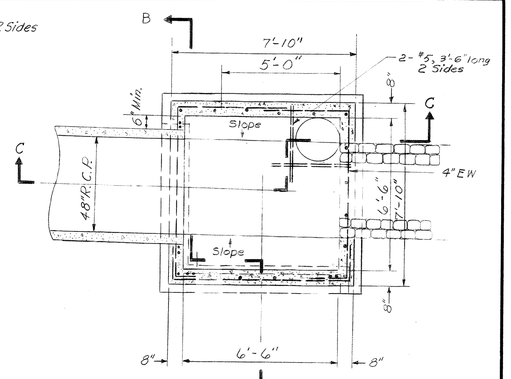
TYPICAL SECTION DIKE NO. 3

SCALE: 1"=5'



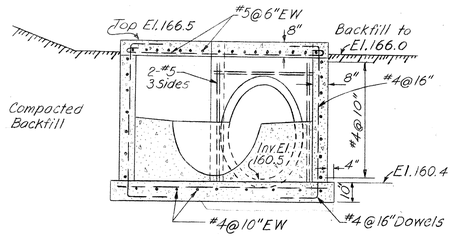
PLAN- MANHOLE "B"

SCALE ⅜"=1'-0"



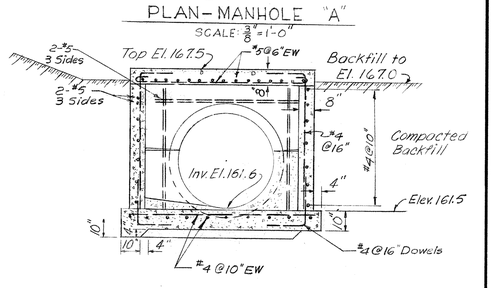
PLAN- MANHOLE "A"

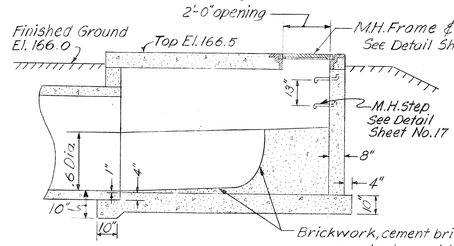
SCALE ⅜"=1'-0"



SECTION D-D

SCALE: ⅜"=1'-0"



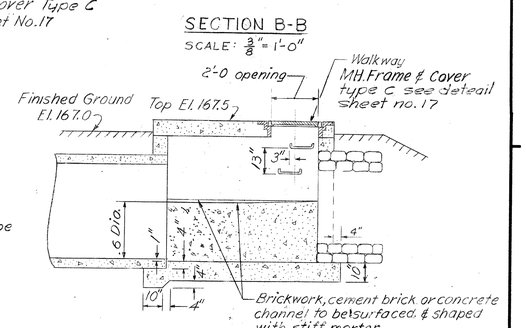


SECTION E-E

SCALE: ⅜"=1'-0"

SECTION B-B

SCALE: ⅜"=1'-0"



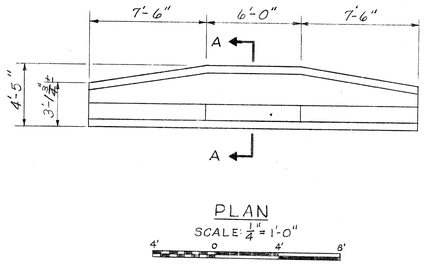
SECTION C-C

SCALE: ⅜"=1'-0"

DETAILS OF NEW DRAIN MANHOLES

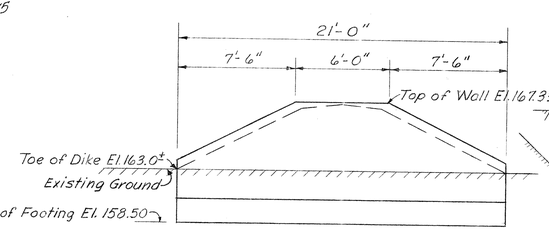
Notes:

1. Elevations refer to Mean Sea Level Datum.
2. Figures in hexagons are item numbers under which payment will be made.
3. 48" R.C.P., M.H.'s and associated work will be paid for under Item No. 50.
4. Concrete in dike retaining walls will be paid for under Item No. 18.



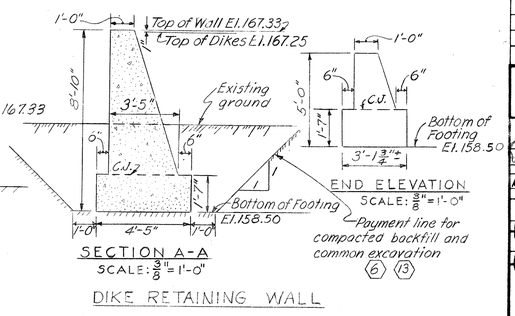
PLAN

SCALE: ¼"=1'-0"



FRONT ELEVATION

SCALE: ¼"=1'-0"



SECTION A-A

SCALE: ⅜"=1'-0"

END ELEVATION

SCALE: ⅜"=1'-0"

DIKE RETAINING WALL

Record Drawing

Contract No. DIV-19-016-57-412

REVISION	DATE	DESCRIPTION	BY
	7/19/60	Final Field Corrections	

CORPS OF ENGINEERS. U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
A.M.C. H.E.B.	A.M.C.	J.J.L. M.W.C.

CHIEF DESIGN BRANCH

PROJECT ENGINEER

SUBMITTED BY: CHIEF PLANS & SPECS BRANCH

APPROVED: CHIEF ENGINEERING DIV.

APPROVED: LT. COL. C.E., ASST. TO DIVISION ENGINEER

DATE: MAR. 1957

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
DIKES NO'S 3 & 4 - PLAN, SECTIONS & DETAILS
BLACKSTONE RIVER, RHODE ISLAND

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG 19-016-57-81

DRAWING NUMBER
BE-1-1114

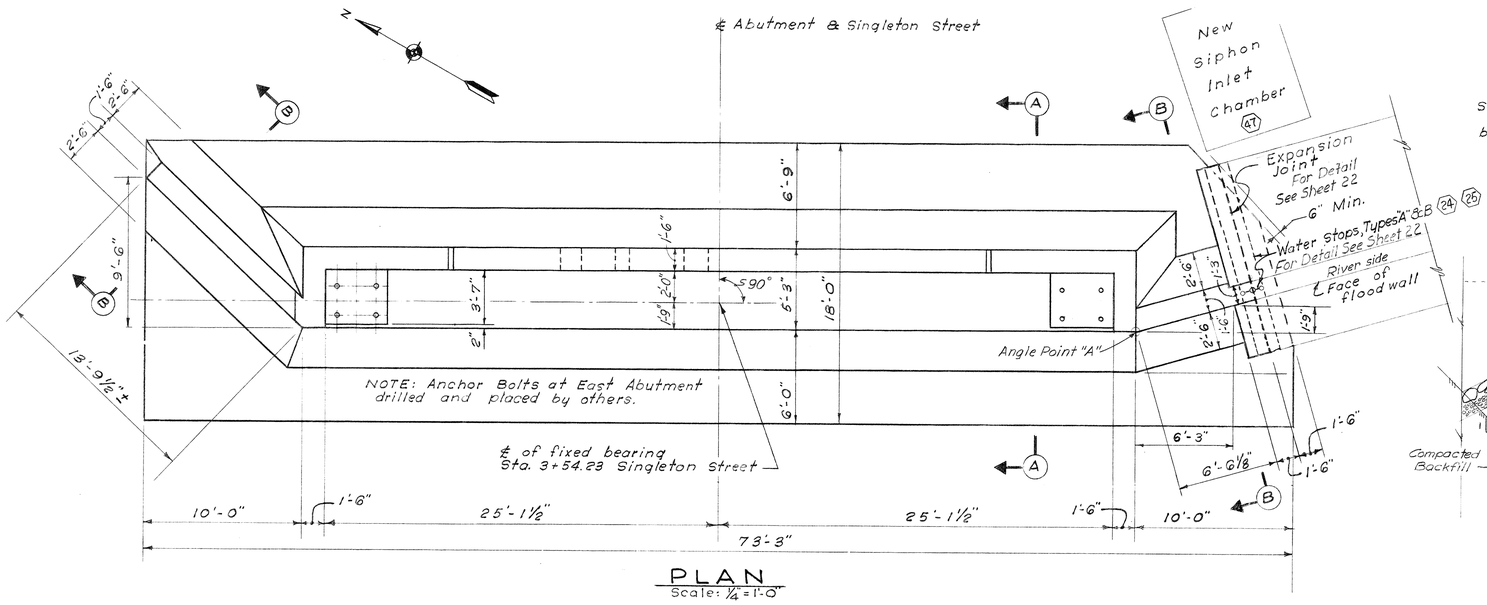
SHEET 20 OF 67

50-1600 (20)

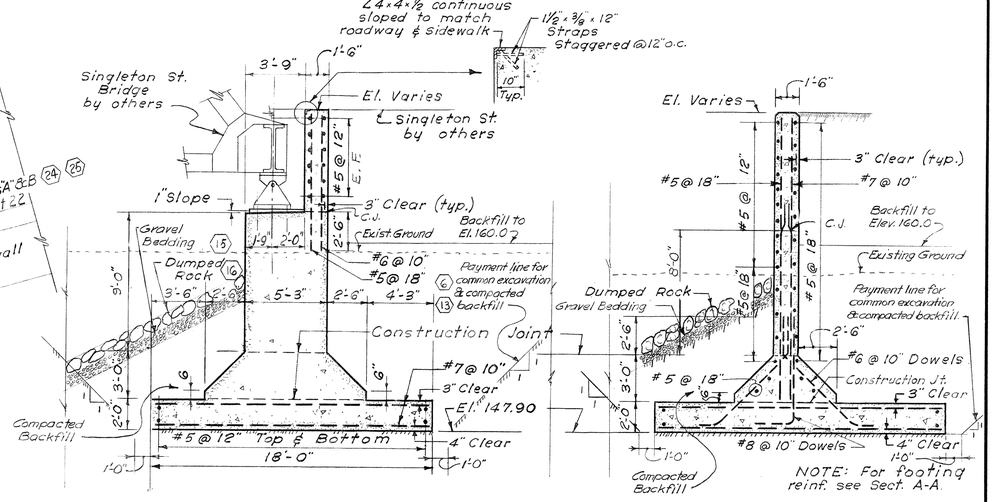
ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

CORPS OF ENGINEERS

U. S. ARMY

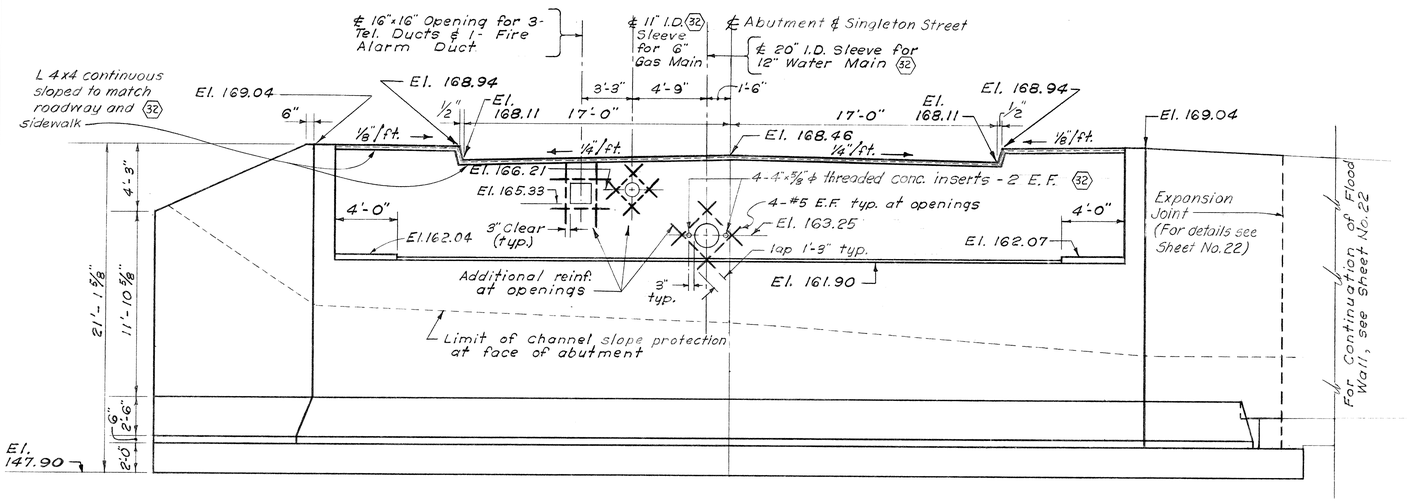


PLAN
Scale: ¼"=1'-0"



SECTION A-A
Scale: ¼"=1'-0"

SECTION B-B
Scale: ¼"=1'-0"



ELEVATION
Scale: ¼"=1'-0"

NOTE:

1. Bearing Pads to be cast monolithically with abutment and of sufficient height to permit bush hammering or grinding to proper elevation.
2. Exposed edges of abutment wingwalls to have 1" chamfer.
3. Figures in hexagons are item numbers under which payment will be made.
4. All concrete shown on this sheet will be paid for under Item No.18, unless otherwise shown.
5. Payment for furnishing, bending, and placing of all steel reinforcement will be paid for under Item No. 23.
6. All reinforcement shall be lapped or bonded a minimum of 30 equivalent bar diameters.

SCALE ¼"=1'-0"
4' 0' 4' 8'

Record Drawing
Contract No. CIVIL 19-016- 57-412

REVISION	DATE	DESCRIPTION	BY

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
A.R.D.	A.R.D.	J.J.L. M.W.C.

CHIEF, DESIGN BRANCH
PROJECT ENGINEER
SUBMITTED BY: CHIEF, PLANN. & CONTR. BRANCH
APPROVED: CHIEF ENGINEERING DIV.
APPROVED: LT COL., C.E., ASST. TO DIVISION ENGINEER

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
EAST ABUTMENT
NEW SINGLETON ST. BRIDGE
BLACKSTONE RIVER, RHODE ISLAND

DATE MAR. 1957

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG. 19-016-57-81

DRAWING NUMBER
BE-1-1115

SHEET 21 OF 67

50-1600 (21)

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

CORPS OF ENGINEERS

U. S. ARMY

East Abutment - Singleton St. Bridge See Sheet No. 21

New Siphon Inlet Chamber

6" min.

(47) 8" C.I. B's (47)

Existing 20,000 Gal. Oil Tank (53) (To be relocated) see Sheet No. 23

Batter Line (varies)

Contraction joints, ⅛" Fibrous Mastic. Expansion joints, ½" Bituminous fiber joint filler.

Type "B" Rubber Water stop

SECTION G-G

Type "A" Rubber Water stop

⅛" Fibrous Mastic

NOTE: Existing utilities shown are in approximate location. For disposition see Sheet No's 23 & 53

3/4" Synthetic Rubber Compound

Type "A" Rubber Water stop

Bituminous Fiber Joint Filler

SECTION H-H EXPANSION JOINT

1" Chamfer

3/4" Synthetic Rubber Compound (Exp. joints only)

Circular opening of water stop at top to be plugged with soft rubber for a minimum depth of 2 inches.

1" Chamfer

Type "A" Water Stop

DETAIL "A"

Top of Dike No. 2 See Sheet No. 19

SECTION H-H CONTRACTION JOINT

18"x18" Conc.

8" C.I.

2½" C.I.

18" C.I.

12" V.C.

Expansion Jt.

5" W.I.

8"x8" Conc.

Contraction Joint

Expansion Joint

Angle Point "A"

Angle Point "B"

Angle Point "C"

8"x8" Conc.

6" Steel

8" V.C.

Existing Vault (To be removed) (5)

PLAN

SCALE: ⅛"=1'-0"

Notes:

1. All reinforcement shall be lapped or bonded a minimum of 30 equivalent bar diameters.
2. All exposed edges to have 1" chamfer, unless otherwise noted.
3. Figures in hexagons are item numbers under which payment will be made.
4. All concrete shown on this sheet will be paid for under Item No. 18 unless otherwise shown.
5. Payment for furnishing, bending and placing of all steel reinforcement will be paid for under Item No. 23.

1st. Monolith

2nd. Monolith

3rd. Monolith

Angle Point "A" El. 169.04

Expansion Joint

Contraction Joint

Batter Line

El. 152.0'

El. 150.25'

El. 147.90'

Contraction Joints

Angle Point "B"

El. 164.0 from Angle Point to end of wall

El. 153.0

Angle Point "C"

El. 154.0

Top of Dike No. 2

ELEVATION

SCALE: ⅛"=1'-0"

3"Clear

El. varies

Gravel Bedding (15) Dumped Rock (16)

#5 Dowels @ 18" o.c.

#5@18" o.c. ef.

River side Face of Wall

Backfill to El. 160

Hirss Mill Ramp (52)

Payment line for common excavation and compacted backfill. (6) (13)

#6@12" o.c. ef.

8'-0"

10'-0"

Batter line

#7@12" Alternate @ 6" o.c.

#6@12"

#7@9" o.c.

2'-0" C.J.

3'-6"

1'-3"

1'-9"

1'-0"

5'-6"

4'-6"

4" Clear

5'-6"

#5@15" o.c. ef.

12'-6"

Compacted Backfill

SECTION A-A

SCALE: ⅜"=1'-0"

Backfill to El. 159.0

#5@18" o.c. ef.

#5@18" o.c.

#7@18" o.c. Alternate at 9" o.c.

Existing ground

Batter line

C.J.

3'-0"

Compacted Backfill. See

SECTION B-B

SCALE: ⅜"=1'-0"

El. 164.0

Backfill to El. 157.75

#5@18" o.c. ef.

River side Face of Wall

#5@12" o.c. Alternate @ 6" o.c.

11'-0"

5'-6"

Const. Jt.

#5@9" o.c.

El. 153.0

#5@12" o.c.

#5@18" o.c.

7'-6"

9'-0"

Compacted backfill

Payment line for common excavation & compacted backfill.

SECTION C-C

SCALE: ⅜"=1'-0"

Hirss Mill Ramp

Dumped Rock

#5@18" o.c. ef.

#5@12" Alternate @ 6" o.c.

#5@9" o.c.

El. 154.0

#5

#5@18" o.c. ef.

#5@12"

#5@18"

#5@18" o.c.

2'-3"

10'-0"

11'-6"

5'-6"

2'-6"

3'-6"

1'-6"

4" Clear

Compacted Fill (Spoil Area No. 3)

Existing ground

9'-0"

Compacted Fill (12)

SECTION D-D

SCALE: ⅜"=1'-0"

#2@12"

#4@12"

Type "B" Rubber Water Stop

SECTION E-E

SCALE: ⅜"=1'-0"

℄ Contraction Joint

See Specifications

VERTICAL TEE TRANSITION

℄ Singleton St.

HIRSS BLDG.

River face of wall

Angle Point "A"

NOTE: FOR FLOOD WALL ALIGNMENT, SEE SHEET NO. 3.

KEY PLAN FOR ANGLE POINTS

NO SCALE

SCALE 1/8"=1'-0"

4' 0 4' 8' 12' 16' 20'

SCALE 1/4"=1'-0"

4' 0 4' 8'

SCALE 3/8"=1'-0"

4' 0 4'

Existing ground

Compacted Backfill

3"Clear

El. varies

#5 Dowels @ 18" o.c.

Gravel Bedding (15) Dumped Rock (16)

#5@18" o.c. ef.

River side Face of Wall

Backfill to El. 160

Hirss Mill Ramp (52)

Payment line for common excavation and compacted backfill. (6) (13)

#6@12" o.c. ef.

8'-0"

10'-0"

Batter line

#7@12" Alternate @ 6" o.c.

#6@12"

#7@9" o.c.

2'-0" C.J.

3'-6"

1'-3"

1'-9"

1'-0"

5'-6"

4'-6"

4" Clear

5'-6"

#5@15" o.c. ef.

12'-6"

SECTION A-A

SCALE: ⅜"=1'-0"

7½"

See Detail "A"

(Typical Wall Joint)

H H G G F F 3"

SECT. WITHOUT KEY

SECT. WITH KEY

EXPANSION AND CONTRACTION JOINT DETAILS

SCALES: ¼"=1'-0" & AS NOTED

Expansion joints ½" Bituminous Fiber Joint Filler (Typ.) Contraction Joints ⅛" Fibrous Mastic. (Typical)

Type "B" Rubber Water stop.

SECTION E-F

NO SCALE

2¾" outside dia.

¼" Rad.

3/16"

1"

2" Inside dia.

9"

TYPE "A" (24)

RUBBER WATER STOP DETAILS

NO SCALE

⅞"

9¼"

⅛" R

⅜"

5°

3/16" R

¾"

7/16" R

¼" R

½"

5½"

¼"

½"

TYPE "B" (23)

Record Drawing

Contract No. DA-CIV-19-016-57-412

REVISION	DATE	DESCRIPTION	BY

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
G.J.S.	G.J.S.	J.J.L. M.W.C.

CHIEF, DESIGN BRANCH

PROJECT ENGINEER

SUBMITTED BY: CHIEF, PLANS & SPECS BRANCH

APPROVED: CHIEF ENGINEERING DIV.

APPROVED: LT. COL., C.E., ASST. TO DIVISION ENGINEER

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
FLOODWALL - SINGLETON ST. AREA
BLACKSTONE RIVER, RHODE ISLAND

DATE MAR. 1957

SCALE: AS SHOWN

SPEC. NO. CIVIL ENG. 19-016-57-81

DRAWING NUMBER BE-1-1116

SHEET 22 OF 67

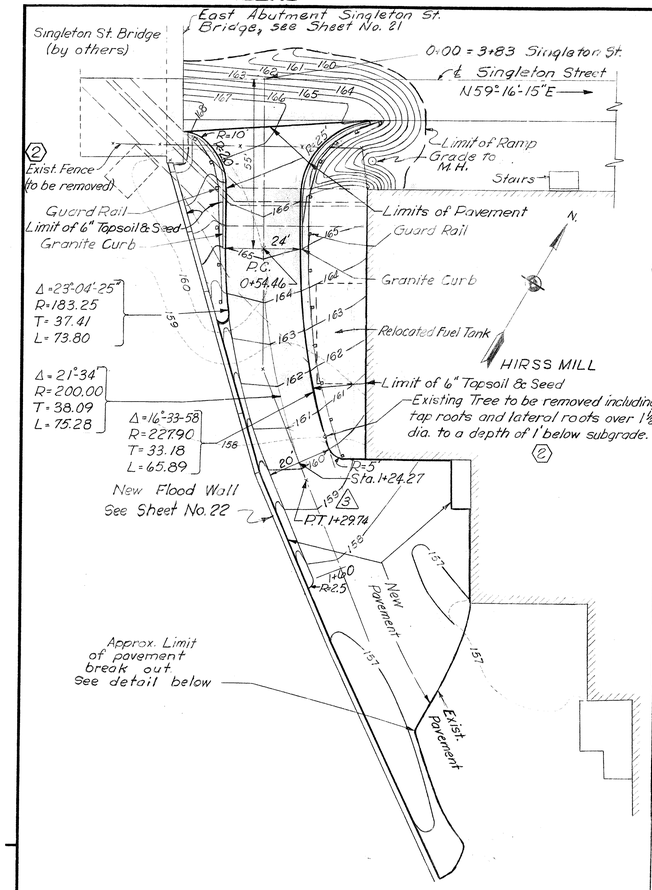
50-1600 (22)

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

Addendum No. 3

CORPS OF ENGINEERS

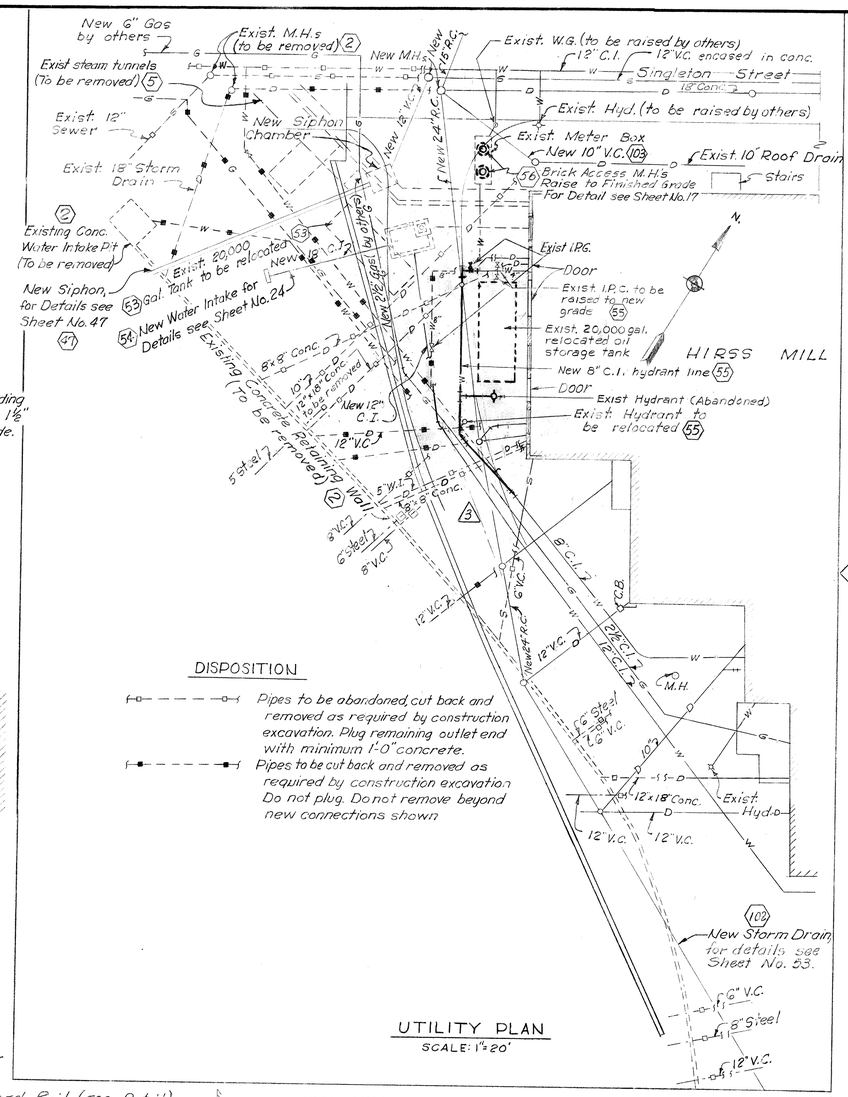
U. S. ARMY



HIRSS MILL RAMP

LAYOUT & GRADING PLAN

SCALE: 1" = 20'



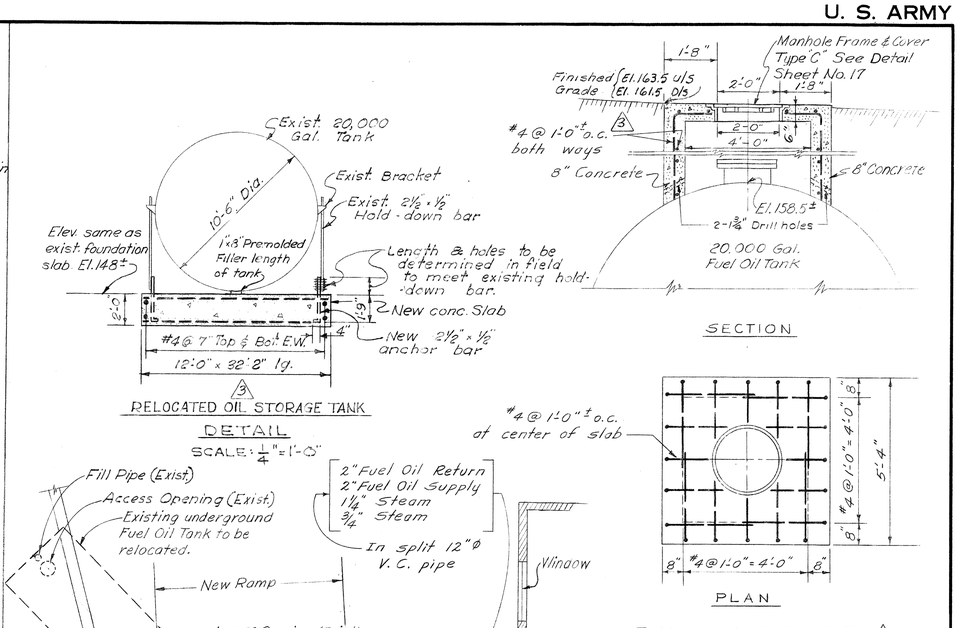
DISPOSITION

Pipes to be abandoned, cut back and removed as required by construction excavation. Plug remaining outlet end with minimum 1'-0" concrete.

Pipes to be cut back and removed as required by construction excavation. Do not plug. Do not remove beyond new connections shown

UTILITY PLAN

SCALE: 1" = 20'



RELOCATED OIL STORAGE TANK DETAIL

SCALE: ¼" = 1'-0"

TANK MANHOLE PIT

SCALE ½" = 1'-0"

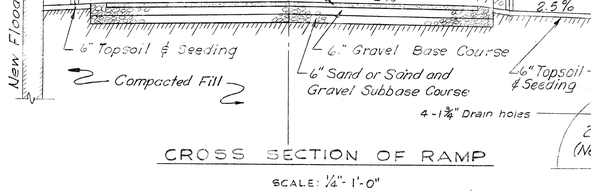
PLAN

RELOCATED OIL STORAGE TANK PIPING

SCALE ⅛" = 1'-0"

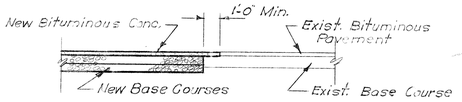
NOTES:

1. Elevations refer to Mean Sea Level datum.
2. Figures in hexagons are item numbers under which payment will be made.
3. Hirss Mill Drain connections will be paid for under Item No. 103.
4. Hirss Mill Ramp including fill, bit. paving, curbs and guard rail will be paid for under Item No. 52.
5. Relocation of Hirss Mill Oil Storage Tank including reinf. conc., other materials, and piping will be paid for under Item No. 53.
6. Disposition of subsurface pipes as indicated will be paid for under Item No. 2.



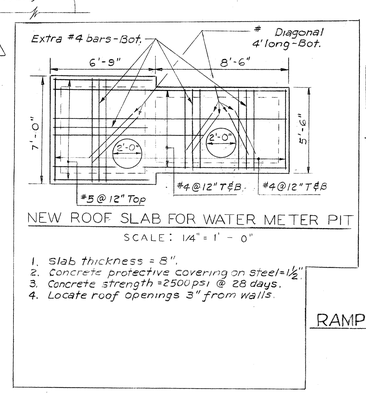
CROSS SECTION OF RAMP

SCALE: ¼" - 1'-0"



DETAIL OF NEW RAMP PAVEMENT TIE TO EXISTING PAVEMENT

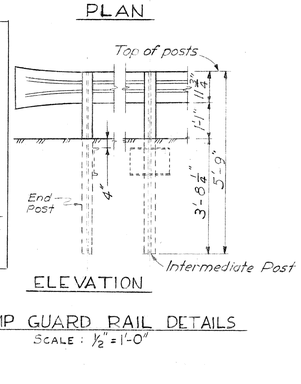
SCALE: ¼" = 1'-0"



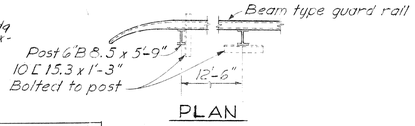
NEW ROOF SLAB FOR WATER METER PIT

SCALE: 1/4" = 1' - 0"

1. Slab thickness = 8".
2. Concrete protective covering on steel = 1½"
3. Concrete strength = 2500 psi @ 28 days.
4. Locate roof openings 3" from walls.



ELEVATION



PLAN

RAMP GUARD RAIL DETAILS

SCALE: ½" = 1'-0"

LEGEND

Existing: 159 Contours; Building; W Water; S Sewer; M.H.; D Drain; G Gas

New: 159; W Hyd.

SCALE: ½" = 1'-0"

SCALE: ⅛" = 1'-0"

SCALE: 1" = 20'

SCALE: ½" = 1'-0"

Record Drawing

Contract No. cwo-19-016- 57-412

REVISION	DATE	DESCRIPTION	BY
	7/19/60	Final Field Corrections	
2	2/21/58	Additional C.I. Pipe added to New Hydrant Line; Ramp regraded, Oil Tank moved 1'-0" & Slab shortened by 3'-10"	MWC
2	11/26/57	Tank M.H. Pit reinforcement added.	MWC
1	5/22/57	Minor Revision per Addendum No. 1	MWC

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
A.R.D. H.E.B.	H.E.B. A.M.C.	J.R.C. M.W.C.

R. J. Frazier
PROJECT ENGINEER

SUBMITTED BY
CHIEF, PLANS & EST. BRANCH

APPROVED
CHIEF ENGINEERING DIV.

APPROVED
LT. COL., C.E., ASST. TO DIVISION ENGINEER

DATE MAR. 1957

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
UTILITY RELOCATIONS & RAMP
HIRSS MILL - SINGLETON ST. AREA
BLACKSTONE RIVER, RHODE ISLAND

SCALE: AS SHOWN | SPEC. NO. CIVIL ENG. 19-016-5781

DRAWING NUMBER
BE-1-1117

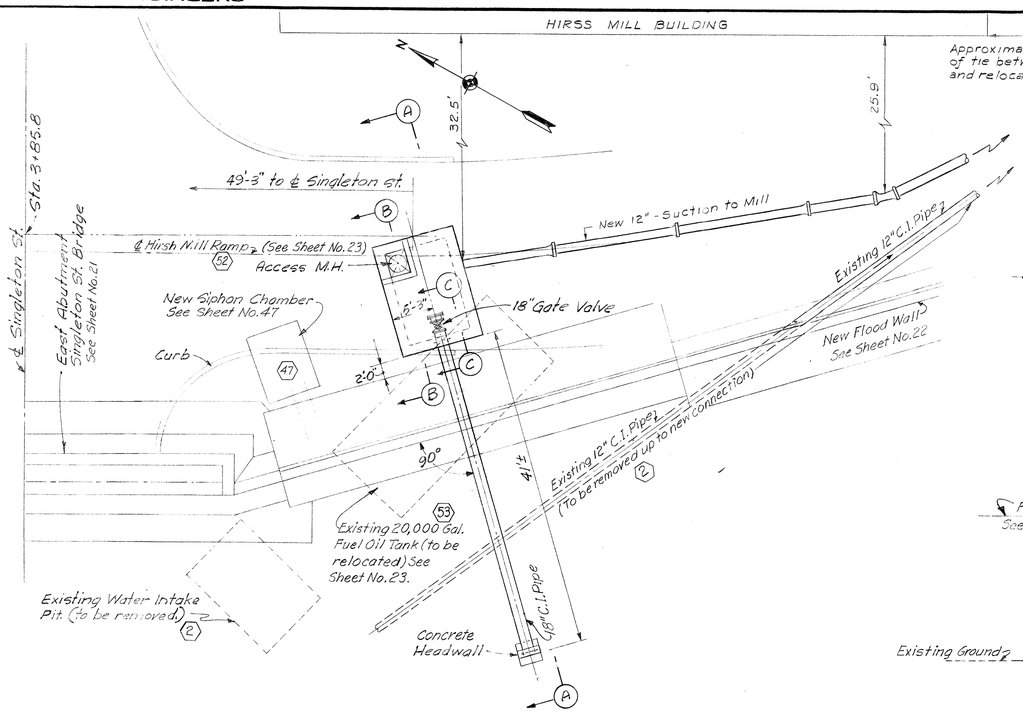
SHEET 23 OF 67

50-1600

23

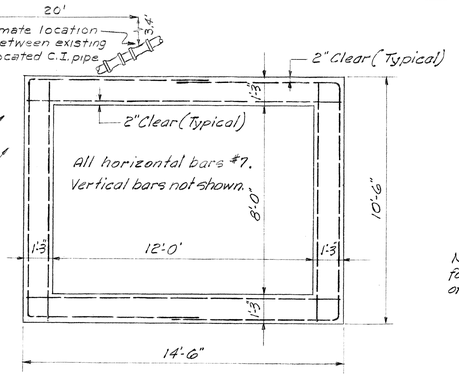
ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

Addendum No. 3



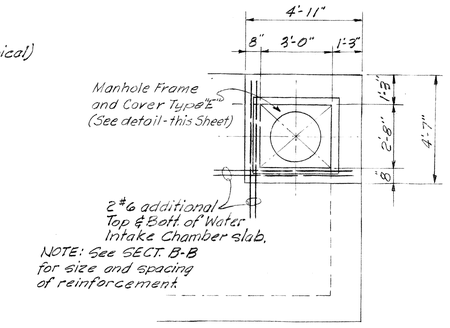
PLAN

SCALE: 1/8" = 1'-0"



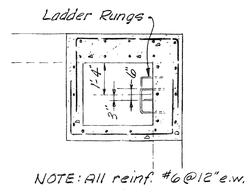
SECTIONAL PLAN

SCALE: 3/8" = 1'-0"



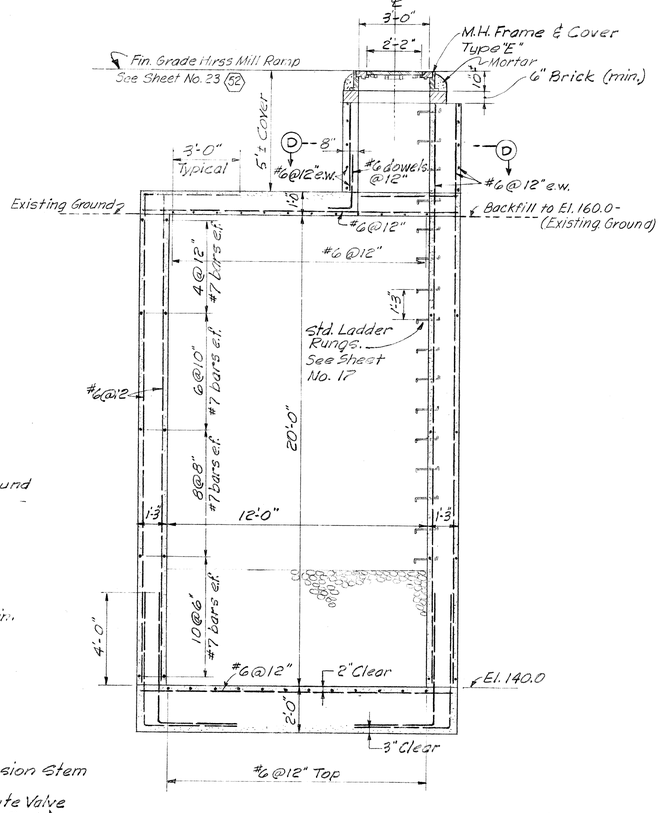
PLAN - ACCESS M.H.

SCALE: 3/8" = 1'-0"



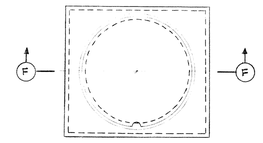
SECTION D-D

SCALE: 3/8" = 1'-0"



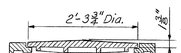
SECTION B-B

SCALE: 3/8" = 1'-0"



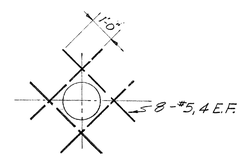
PLAN

2 PIECE COVER



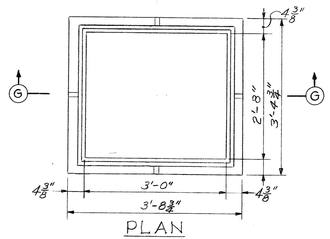
SECTION F-F

SCALE: 3/4" = 1'-0"



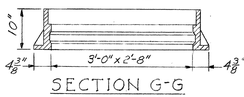
TYP. DETAIL OF ADDITIONAL REINF. AT PIPE OPENINGS

NO SCALE



PLAN

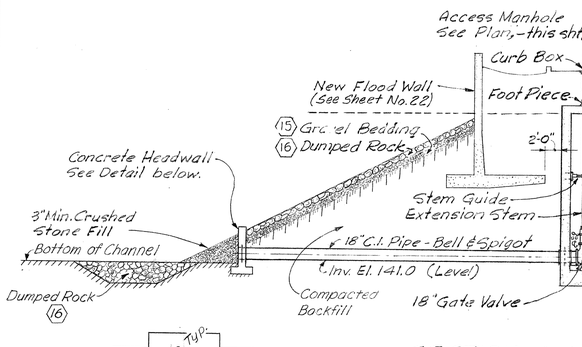
FRAME



SECTION G-G

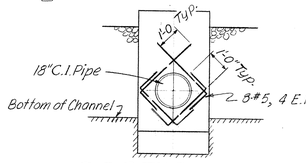
SCALE: 3/4" = 1'-0"

MANHOLE FRAME & COVER - TYPE E



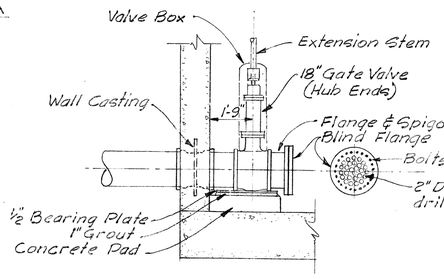
SECTION A-A

SCALE: 1/8" = 1'-0"



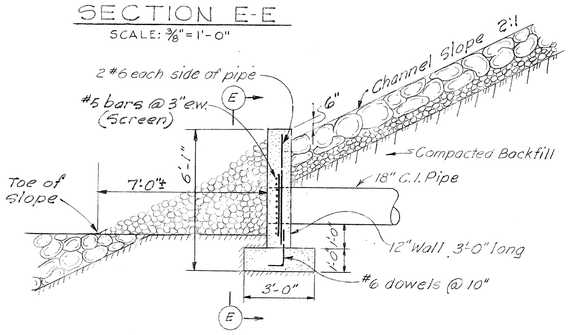
SECTION E-E

SCALE: 3/8" = 1'-0"



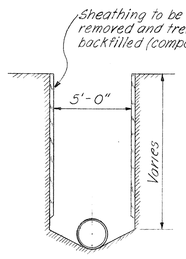
SECTION C-C

SCALE: 3/8" = 1'-0"



DETAIL - CONCRETE HEADWALL

SCALE: 3/8" = 1'-0"



PIPE TRENCH

NO SCALE

Notes:

1. Elevations refer to Mean Sea Level datum.
2. Figures in hexagons are item numbers under which payment will be made.
3. New Water Intake for the Hirss Mill will be paid for under Item No. 54.

SCALE: 1/8" = 1'-0"

4' 0' 4' 8' 12' 16' 20'

SCALE: 3/8" = 1'-0"

4' 0' 4'

SCALE 3/4" = 1'-0"

1' 0 1' 2' 3'

Record Drawing

Contract No. CIV. 19-016- 57-412

REVISION	DATE	DESCRIPTION	BY
	7/19/60	Final Field Corrections	

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
G.J.S. H.E.B.	G.J.S.	J.R.C. M.W.C.

R. J. Frazier
PROJECT ENGINEER

SUBMITTED BY: N. L. Drougall
CHIEF PLANS & SPECIFICATIONS BRANCH

APPROVED: P. D. Wheeler
CHIEF ENGINEERING DIV.

APPROVED: Walter P. Ward Jr.
LT. COL. C.E., ASST. TO DIVISION ENGINEER

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
WATER INTAKE - HIRSS MILL
SINGLETON ST. AREA
BLACKSTONE RIVER, RHODE ISLAND

DATE: MAR. 1957

SCALE: AS SHOWN

SPEC. NO. CIVIL ENG. 19-016-57-81

DRAWING NUMBER
BE-1-1118

SHEET 24 OF 67

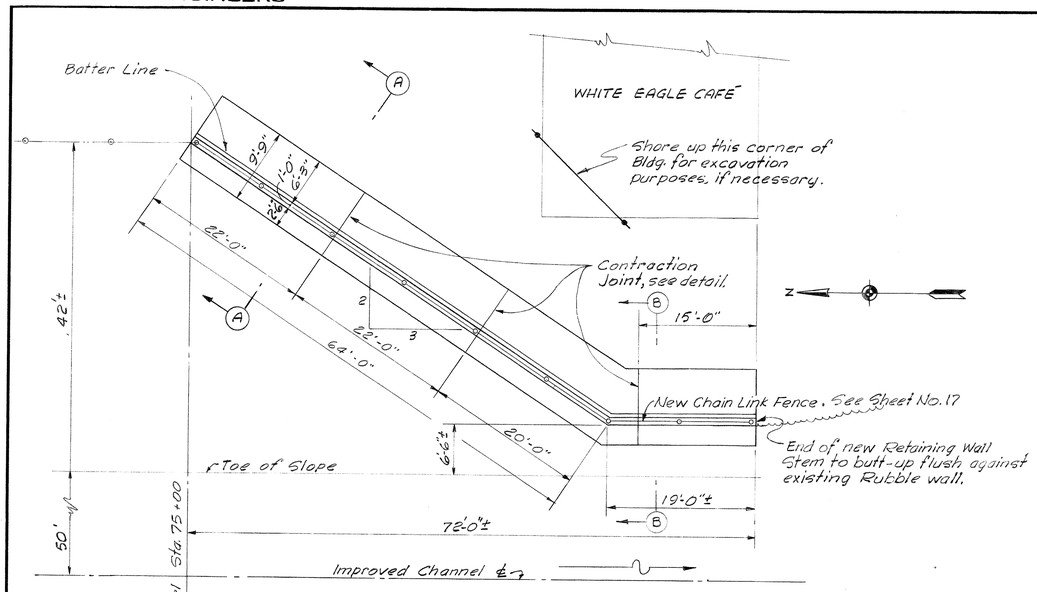
50-1600

24

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

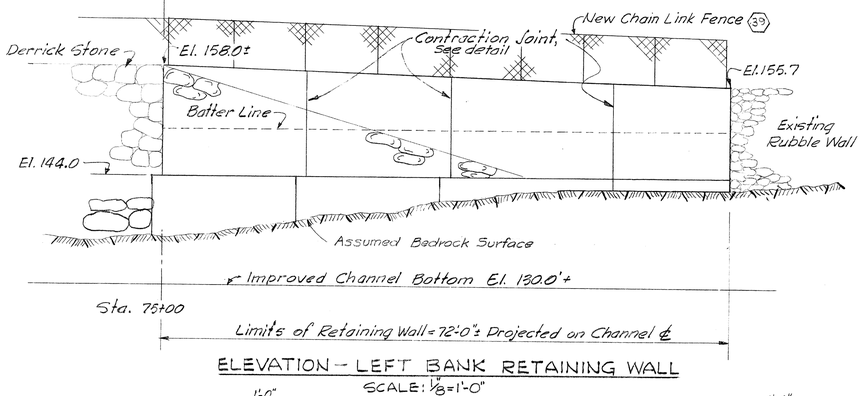
CORPS OF ENGINEERS

U. S. ARMY



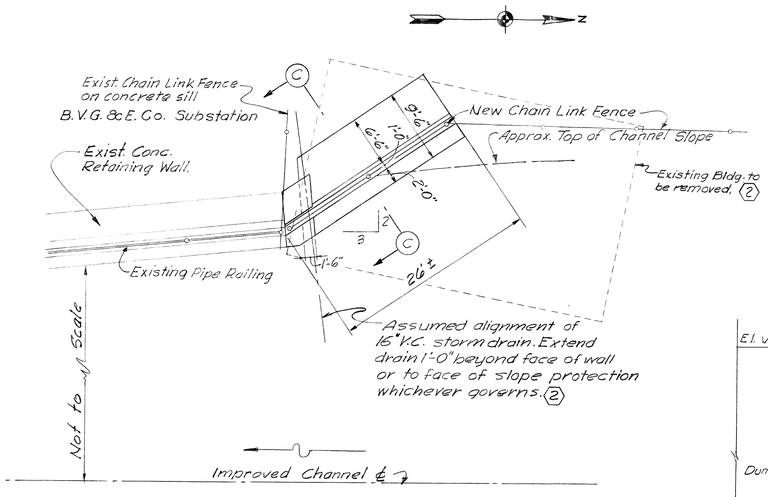
PLAN - LEFT BANK RETAINING WALL

SCALE: 1/8"=1'-0"



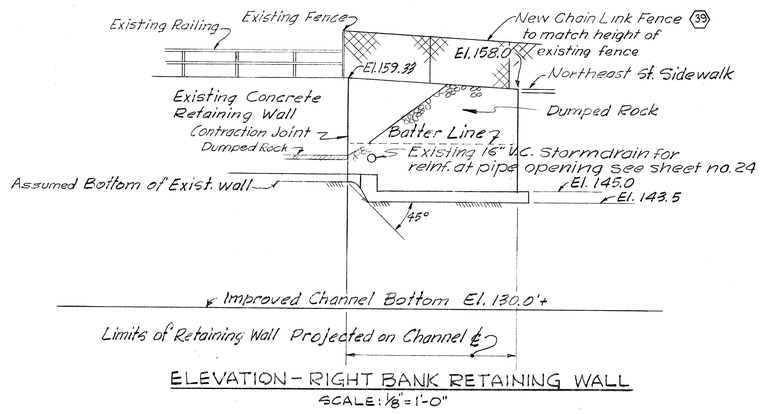
ELEVATION - LEFT BANK RETAINING WALL

SCALE: 1/8"=1'-0"



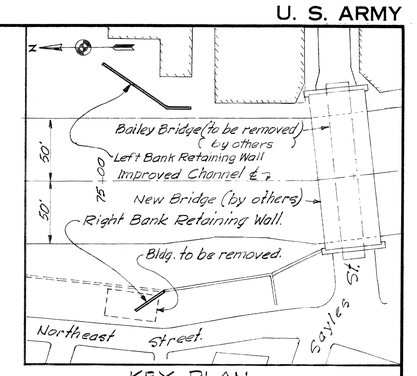
PLAN - RIGHT BANK RETAINING WALL

SCALE: 1/8"=1'-0"



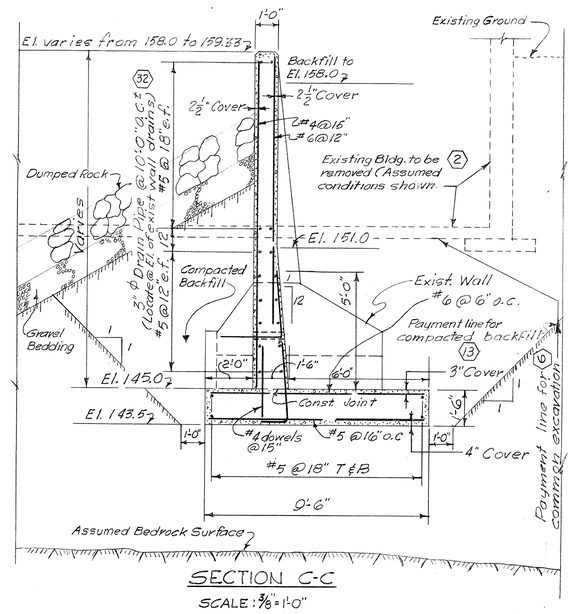
ELEVATION - RIGHT BANK RETAINING WALL

SCALE: 1/8"=1'-0"



KEY PLAN

SCALE: 1"=50'



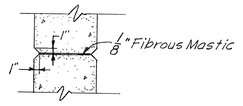
SECTION C-C

SCALE: 3/8"=1'-0"

SCALE: 1" = 50'

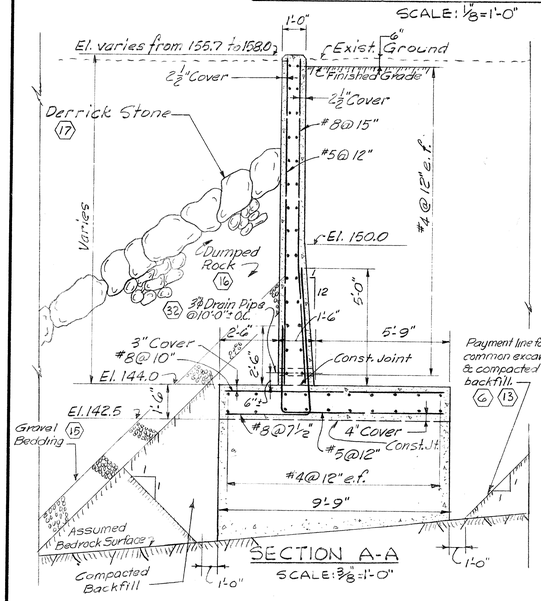
SCALE 1/8" = 1'-0"

SCALE 3/8" = 1'-0"



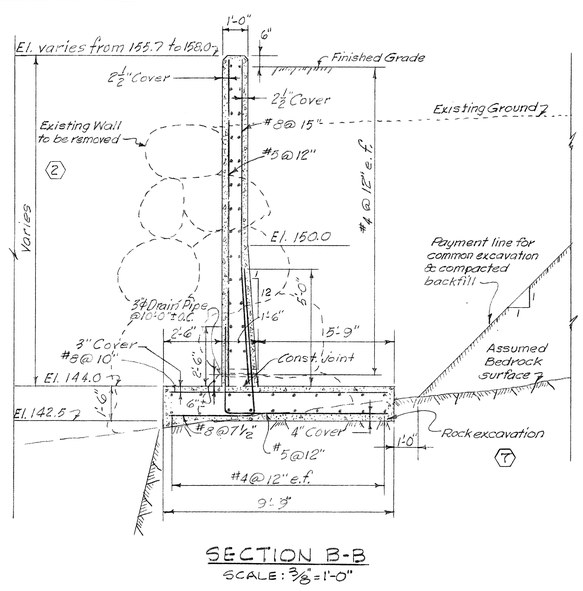
TYPICAL CONTRACTION JOINT

NO SCALE



SECTION A-A

SCALE: 3/8"=1'-0"



SECTION B-B

SCALE: 3/8"=1'-0"

Notes:

1. All reinforcement shall be lapped or bonded a minimum of 30 equivalent bar diameters.
2. All exposed edges to have 1" chamfer.
3. Figures in hexagons are item numbers under which payment will be made
4. All concrete shown on this sheet will be paid for under Item No. 19.
5. Payment for furnishing, bending and placing of all steel reinforcement will be paid for under Item No. 23.
6. Elevations refer to Mean Sea Level Datum.

Record Drawing
Contract No. CIVIL 19-016- 57-412

REVISION	DATE	DESCRIPTION	BY

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DIVISION ENGINEER
NEW ENGLAND DIVISION
BOSTON, MASS.

DR. BY	TR. BY	CK. BY
G.J.S.	G.J.S.	J.J.L. M.W.G.

CHIEF, DESIGN BRANCH
PROJECT ENGINEER
SUBMITTED BY
CHIEF PLANS & REPORTS BRANCH
APPROVED
CHIEF ENGINEERING DIV.

BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET
LOCAL PROTECTION PROJECT
RETAINING WALLS - SAYLES ST. AREA
BLACKSTONE RIVER, RHODE ISLAND

APPROVED
LT. COL., C.E., ASST. TO DIVISION ENGINEER
DATE MAR. 1957

SCALE: AS SHOWN
SPEC. NO. CIVIL ENG 19-016-57-81
DRAWING NUMBER
BE-1-1119
SHEET 25 OF 67

50-1600 (25)

ARMY - 600 Sheet B - Boston Blue Print, Boston, Mass.

Addendum No. 3

Inspection Report for Structure 095501

NSTM, Special Inspections by St Sauveur of Transystems

Database: Serenity Version: 7.0

03/11/2025 - Singleton

Summary Sheet

Summary Location

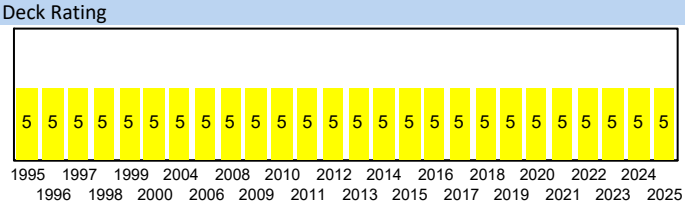
Bridge Number (B.ID.01):	000000000009550	Agency Bridge ID:	095501
Bridge Name (B.ID.02):	Singleton	Commonly Called:	SINGLETON ST OVER BLACKSTONE RIVER
Report Bridge to FHWA:	R NBI: Y	Report Elements to FHWA:	R
Owner (B.CL.01):	L03 City or municipal highway agency	Maintenance Responsibility (B.CL.02):	L03 City or municipal highway agency
District:	District 1		

Summary Condition

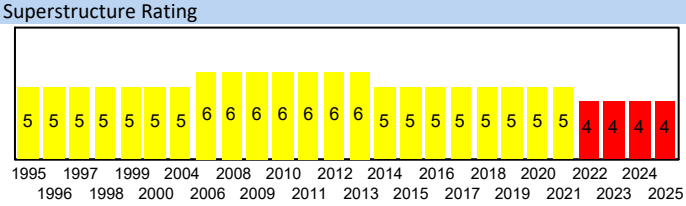
Structure Overall	Deck	Super	Sub	Culvert
4	5	4	5	N
	Railing	Transition	Bearing	Joints
	?	?	?	?

Condition History Graph

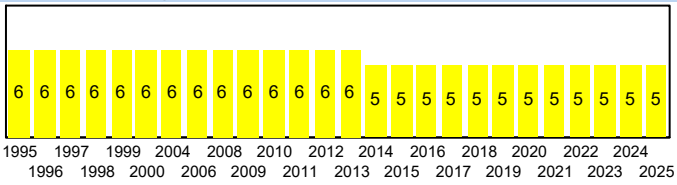
Deck Rating



Superstructure Rating



Substructure Rating



Addendum No. 3

Required Inspections Schedule

Inspection Type	Required for Bridge	Inspection Being Performed (B.IE.01)	Inspector	Most Recent Inspection Date	Interval Method (B.IE.07)	Interval (months) (B.IE.05)	Inspection Due Date (B.IE.06)	Inspection Assignment Name	Inspection Assignment Group
NSTM	R	R	St Sauveur, Corey	3/11/2025	1 Method 1	12	3/11/2026	FC2 2025	TranSystems
Special	R	R	St Sauveur, Corey	3/11/2025	1 Method 1	12	3/11/2026	FC2 2025	TranSystems

Bridge Data

Identification data

Bridge Number (B.ID.01):	000000000009550	Agency Bridge ID:	095501
Bridge Name (B.ID.02):	Singleton	Bridge Nickname:	SINGLETON ST OVER BLACKSTONE RIVER
Bridge Status:	3 Active	Bridge Lifecycle Phase:	1 Service
Report Bridge to FHWA:	R	Report Elements to FHWA:	R
NBI Bridge:	Y		

Bridge notes:

General Information: The single span through truss bridge is logged from west to east with a North and South Truss, the stringers are labeled Stringer A through F from north to south, and the floorbeams are labeled Floorbeam 0 through 8 from west to east, which is consistent with the previous inspection report. The Blackstone River flows from north to south below the bridge.
Equipment Used: 40’ Bucket Truck, 62’ UBIU, and 10’ Safety Boat.
Traffic Control: Yes.
Crash Truck Used: Yes.
Police Detail Used: Local.
Access Notes: Power lines are present along the north truss web members above the deck. Deployment of the UBIU is possible only from the south side of the bridge.

Past Bridge ID (B.ID.03):		Future Bride ID:	

Location data

State Code (B.L.01):	44 Rhode Island	County Code (B.L.02):	Providence
Place Code (B.L.03):	80780	Highway Agency District (B.L.04):	District 1
Metro Planning Org 1 (B.L.12):		Metro Planning Org 2 (B.L.12):	
Bridge Location (B.L.11):	0.5 Mile South of Massachusetts Line		

Border data

Designated Lead State (B.L.10):		Border Bridge Number (B.L.07):	
Border State or Country (B.L.08):		Border Insp. Responsibility (B.L.09)	1

Classification data

Owner (B.CL.01):	L03 City or municipal highway agency	Maintenance Responsibility (B.CL.02):	L03 City or municipal highwa
Federal or Tribal Land Access (B.CL.03):	N	Historical Significance (B.CL.04):	2 Bridge is eligible for the Nat
Toll (B.CL.05):	N Does not carry toll road and is not toll bridge	Emergency Evacuation Designation (B.CL.06):	N Not an Emergency evacuat

Construction data

Year Built (B.W.01):	1958		
Design Load (B.LR.01):	HS-20	Design Method (B.LR.02):	

Geometry data

NBIS Bridge Length (B.G.01):	205.00	Total Bridge Length (B.G.02):	205.00
Maximum Span Length (B.G.03):	196.00	Minimum Span Length (B.G.04):	196.00
Bridge Width Out-to-Out (B.G.05):	47.80	Bridge Width Curb-to-Curb (B.G.06):	34.00
Left Curb or Sidealk Width (B.G.07):	4.80	Right Curb or Sidewalk Widgth (B.G.08):	4.80
Approach Roadway Width (B.G.09):	24.00	Bridge Median (B.G.10):	0 No median
Skew (B.G.11):	0	Curved Bridge (B.G.12):	
Maximum Bridge Height (B.G.13):		Sidehill Bridge (B.G.14):	
Irregular Deck Area (B.G.15):		Calculated Deck Area (B.G.16):	9,799.

Appraisal data

Approach Roadway Alignment (B.AP.01):	G Good	Overtopping Likelihood (B.AP.02):	1 Remote - once every 100 years or
Scour Vulnerability (B.AP.03):	A Stable for scour	Scour Plan of Action (B.AP.04):	0 A scour POA is not required.
Seismic Vulnerability (B.AP.05):	0 Seismic evaluation not comple	Storm Surge	£

Railings and Transitions

Railings (B.RH.01):	I0-T	Transitions (B.RH.02):	I0-T

Design Data

Addendum No. 3

Superstructure set data

M01 - Superstructure Set 3 - 584 - Type: M Main

Number of Spans (B.SP.02):	1	Number of Beam Lines (B.SP.03):	0
Span Material (B.SP.04):		Span Continuity (B.SP.05):	1 Simple or single span
Span Type (B.SP.06):		Span Protective System (B.SP.07):	
Deck Interaction (B.SP.08):		Deck Material & Type (B.SP.09):	
Wearing Surface (B.SP.10):	C01 Concrete - monolithic	Deck Protective System (B.SP.11):	0 None
Deck Reinforcing Protective System (B.SP.12):	0 None	Deck Stay-in-Place Forms (B.SP.13):	

Substructure set data

Number of Sub Units (B.SB.02):		Substructure Material (B.SB.03):	
Substructure Type (B.SB.04):		Substructure Protective System (B.SB.05):	
Foundation Type (B.SB.06):		Foundation Protective System (B.SB.07):	

Structure Units

Unit Number	Name	Superstructure Set	Substructure Set
0	0		
1	2		

Feature Data

Singleton Street

Feature Name (B.F.03):	Singleton Street	Feature Type (B.F.01):	H Highway
Feature Location (B.F.02):	C	Reported to FHWA:	R

Route Information

Designation (B.RT.01)	Route Number (B.RT.02)	Route Direction (B.RT.03)	Route Type (B.RT.04)	Service Type (B.RT.05)
R01	0		5 City street	X Other

Highway Information

LRS Route ID (B.H.06):	40055880A00	LRS Data as of Date:	
LRS Mile Point (B.H.07):	0.049	Lanes on Highway (B.H.08):	2
Functional Classification (B.H.01):	7 Local	Urban Code (B.H.02):	T-U
NHS Designation (B.H.03):	N Non-NHS	National Highway Freight Network (B.H.04):	N Not on the NHFN
STRAHNET Designation (B.H.05):	N Not a STRAHNET route		

AADT

AADT (B.H.09):	1,509	Future AADT:	1,660
ADTT (B.H.10):	151	Future ADTT:	
Year of AADT (B.H.11):	2,021	Future Year:	2,041
Percent Truck Traffic:	10.01	Directional Percentage:	

Clearances

Highway Maximum Usable Vertical Clearance (B.H.12):	15.40	Highway Minimum Vertical Clearance (B.H.13):	14.50
Highway Minimum Horizontal Clearance, Left (B.H.14):	0.00	Highway Minimum Horizontal Clearance, Right (B.H.15):	0.00
Highway Maximum Usable Surface Width (B.H.16):	34.00		

User Costs

Route Speed:	25	Bypass Detour Length (B.H.17)::	1
Bypass Average Speed:	25	Lanes on Bypass:	

BLACKSTONE RIVER

Feature Name (B.F.03):	BLACKSTONE RIVER	Feature Type (B.F.01):	W Waterway
Feature Location (B.F.02):	B	Reported to FHWA:	R

Waterway Details

Navigable Waterway (B.N.01):	N Not navigable waters	Navigation Minimum Vertical Clearance (B.N.02):	
Movable Bridge Maximum Navigation Vertical Clearance (B.N.03):		Navigable Channel Width (B.N.04):	
Navigation Channel Minimum Horizontal Clearance (B.N.05):		Substructure Navigation Protection (B.N.06):	

SINGLETON ST

Feature Name (B.F.03):	SINGLETON ST	Feature Type (B.F.01):	P Pathway
Feature Location (B.F.02):	C	Reported to FHWA:	R

Inspection Data

Inspection Condition

Deck (B.C.01):	5 Fair	Superstructure (B..C.02):	4 Poor
Substructure (B.C.03):	5 Fair	Culvert (B.C.04):	N Not Applicable
Bridge Condition Classification (B.C.12):	P Poor	Lowest Condition Rating (B.C.13):	4
Railing (B.C.05):		Railing Transition (B.C.06):	
Bearing (B.C.07):		Joints (B.C.08):	

Other Condition Ratings

Channel (B.C.09):	7 Good	Channel Protection (B.C.10):	
Scour (B.C.11):	9 No scour	NSTM Inspection Condition (B.C.14):	4 Poor
Underwater Inspection (B.C.15):			

Appraisal

Approach Roadway Alignment (B.AP.01):	G Good	Overtopping Liklihood (B.AP.02):	1 Remote - once every 100 years or less frequently
Scour Vulnerability (B.AP.03):	A Stable for scour	Scour Plan of Action (B.AP.04):	0 A scour POA is not required.
Seismic Vulnerability (B.AP.05):	0 Seismic evaluation not completed.		
SB/WB Avg Curb Reveal:	10.25	NB/EB Avg Curb Reveal:	10.25

Inspection Notes

Narrative of Inspection Elements (B.IE.11):	A NSTM and special inspection, including hands-on inspection of the truss lower chord, truss web members, gusset plates, and floorbeams

Agency Inspection Notes:	Special and NSTM Inspection byTranSystems Corporation Team Leader: Corey St. Sauveur, P.E., Paul Nagle, P.E. Team Members: Richard Roberts, Thomas Schneider Inspection Dates: 03/11/25 & 03/21/25 Weather Conditions: Cloudy, 50°F (3/11) & Windy/Rainy, 44°F (3/21) The structure overall condition rating is 4. This was a NSTM and special member inspection and the Superstructure (B.C.02) was found to be in 4-Poor condition and has not changed since the previous report. The Deck (B.C.01), Substructure (B.C.03), and Channel (B.C.09) were not part of this inspection. For NSTM requirements, see the NSTM Bridge Inspection Procedures Document. Special Inspection Requirements (BI-011): The floorbeams have greater than 10% bottom flange section loss located in a critical location (14% bottom flange loss in Floorbeam 8) and cracks in secondary members that may propagate into the primary member (Floorbeams 2, 4, 6, 7, and 8). Inspect the floorbeams. The following notes were not part of this inspection and are from the Routine Inspection dated 03/27/2024. Deflection and Vibration: Moderate deflection and vibration was observed when the bridge was subjected to heavy live loads. Vertical Clearance: There were no minimum vertical clearance signs present at the time of the inspection. The minimum vertical clearance over the bridge was measured as 15'-4" at the Panel Point U4 sway brace at the centerline of the roadway, and 14'-6" to the light fixture attached at the Panel Point U4 sway brace at the centerline of the roadway. RIDOT was sent an email notification on April 8, 2024 notifying them of the missing minimum vertical clearance posting signs at each approach. Utilities: There is a 6" diameter gas main in Bay B that has two (2) missing bolts at the utility bracket at Floorbeam 6. There is a 12" diameter water main in Bay C that has replaced casing and support angles at West Abutment #1. The support angles at both abutments are not painted and have heavy rust. Lights: The light fixture attached to the Panel Point U4 sway brace at the centerline of the roadway has exposed wires. Channel Protection: The channel embankments have light vegetation growth. Approach Sidewalks: There are reinforced concrete approach sidewalks at the southeast, northwest, and northeast approaches and a bituminous sidewalk at the southwest approach. There are bituminous ramps at the approach sidewalks. The approach sidewalks have random areas of scaling up to 1/8" deep. Southwest Approach Curb: - At the bridge: There is a 6" long x 8" high x 1-1/2" deep spall. Southeast Approach Curb: - There is a 1-1/4" wide gap between sections at the bridge and approach.

Birds and Bats

Bats Observered:	No	Bats Notes:	
Bats Visual:	£		
Bats Sounds:	£		
Bats Photos:	£		
Bats Staining:	£		
Bats Droppings:	£		
Birds Observered:	No	Birds Notes:	
Birds Specied Ident:	£		
Birds Photos:	£		

Element Detail

Structure Unit: 0

		Env.	Total Quantity	Unit	CS1		CS2		CS3		CS4	
120	Steel Truss	Mod	400	**ft**	111	28%	194	49%	94	24%	1	0%
515	Steel Protective Coating		10,985		6,591	60%	1,000	9%	1,394	13%	2,000	18%
3420	Peel/Bub/Crack(Stl Protect Coat)		4,394		0	0%	1,000	23%	1,394	32%	2,000	46%
1000	Corrosion		260		0	0%	171	66%	89	34%	0	0%
1020	Connection		10		0	0%	4	40%	5	50%	1	10%
1900	Distortion		18		0	0%	18	100%	0	0%	0	0%
7000	Damage		1		0	0%	1	100%	0	0%	0	0%
152	Steel Floor Beam	Mod	436	**ft**	49	11%	265	61%	122	28%	0	0%
515	Steel Protective Coating		4,968		3,229	65%	750	15%	192	4%	797	16%
3420	Peel/Bub/Crack(Stl Protect Coat)		1,739		0	0%	750	43%	192	11%	797	46%
1000	Corrosion		371		0	0%	262	71%	109	29%	0	0%
1010	Cracking		13		0	0%	0	0%	13	100%	0	0%
7000	Damage		3		0	0%	3	100%	0	0%	0	0%
8368	Graffiti		144		0	0%	144	100%	0	0%	0	0%
162	Stl Gus Plate	Mod	64	**each**	0	0%	53	83%	8	13%	3	5%
515	Steel Protective Coating		1,856		742	40%	200	11%	350	19%	564	30%
3420	Peel/Bub/Crack(Stl Protect Coat)		1,114		0	0%	200	18%	350	31%	564	51%
1000	Corrosion		53		0	0%	45	85%	8	15%	0	0%
1020	Connection		4		0	0%	1	25%	0	0%	3	75%
1900	Distortion		6		0	0%	6	100%	0	0%	0	0%
7000	Damage		1		0	0%	1	100%	0	0%	0	0%

Element Detail

Structure Unit: 0

		Env.	Total Quantity	Unit.	CS1		CS2		CS3		CS4	
120	**Steel Truss**	Mod	**400**	**ft**	**111**	**28%**	**194**	**49%**	**94**	**24%**	**1**	**0%**
Notes: The two (2) steel through trusses are labeled North Truss and South Truss and have areas of section loss, pack rust, peeling paint, distortion, and isolated areas of minor damage (Photos 9-23).												
515	*Steel Protective Coating*		10,985		6,591	60%	1,000	9%	1,394	13%	2,000	18%
Notes: The trusses have a painted steel protective coating (Photos 9-23).												
3420	*Peel/Bub/Crack(Stl Protect Coat)*		4,394		0	0%	1,000	23%	1,394	32%	2,000	46%
Notes: The trusses have peeling and missing paint on approximately 40% of the total surface area, most notably on the top surfaces of the upper and lower chords (Photos 9-23).												
1000	*Corrosion*		260		0	0%	171	66%	89	34%	0	0%
Notes: The truss members typically have areas of moderate to heavy rust throughout with areas of section loss up to 1/4" deep, isolated lateral bracing connection plates having advanced corrosion with isolated holes, and isolated areas of pack rust up to 3/4" thick (Photos 9-23). See document titled "095501-2025-03-21-Truss Defect 1000-Notes.pdf" for details.												
1020	*Connection*		10		0	0%	4	40%	5	50%	1	10%
Notes: There are random tack welds between the truss members and filler/gusset plates with no significant deficiencies. North Truss: Panel Point U3: - Top chord, top side flanges along the inside faces: There are fourteen (14) rivet heads with up to 75% section loss (Photo 12). South Truss Panel Point L2: - Bottom lateral bracing connecting the South Truss to Floorbeam 1: There are four (4) rivet heads with up to 70% section loss. Panel Point L6: - Bottom lateral bracing connecting the South Truss to the east face of Floorbeam 6: There are four (4) unused rivet holes on the vertical leg (Photo 19) and three (3) mis-drilled rivet holes on the horizontal leg.											
1900	*Distortion*		18		0	0%	18	100%	0	0%	0	0%

Notes: North Truss:

Panel Point U2:
- Top chord connection plate is bent 3/8" at the east side due to pack rust.

Panel Point U3:
- Top chord connection plate is bent 5/8" at the east side due to pack rust.

Panel Point U4:
- Top chord connection plate is bent 1/4" at the west side due to pack rust.

Panel Point U5:
- Top chord connection plate is bent 1/4" at the west and east sides due to pack rust.

Panel Point U6:
- Top chord connection plate is bent 1/4" at the west and east sides due to pack rust.

Panel Point U7:
- Top chord connection plate is bent 1/2" at the east side due to pack rust.

South Truss:
Panel Point L0:
- Bottom lateral bracing connecting the south truss to Floorbeam 0 is bent 1/8" due to pack rust.

Panel Point U1:
- Near U1, the lower sway bracing connection plate at L0-U1 is bent 1/4" due to pack rust.

Panel Point U1:
- Top chord connection plate is bent 1/4" at the east side due to pack rust.

Panel Point U2:
- Top chord connection plate is bent 1/4" at the west and east sides due to pack rust.

Panel Point U3:
- Top chord connection plate is bent 3/16" at the west and east sides due to pack rust.

Panel Point U4:
- Top chord connection plate is bent 1/4" at the west and east sides due to pack rust.

Panel Point U5:
- Top chord connection plate is bent 7/16" at the west side and 3/8" at the east side due to pack rust (Photos 17 and 18). The connection angles are bent down 3/8" on the east side due to pack rust (Photo 18).

Panel Point L6:
- West face of the bottom lateral bracing connecting the South Truss to Floorbeam 6 is bent 1/2" over a length of 10" due to pack rust.
- East face of the bottom lateral bracing connecting the South Truss to Floorbeam 6 is bent 3/4" due to pack rust.

Panel Point U6:
- Top chord connection plate is bent 1/16" at the west side and 1/8" on the east side due to pack rust.

Upper Lateral Bracing:
- The center connection plate for the sway brace strut and lateral bracing between Panel Points U4 is bent 3/8" down over 1'-3" long x 1'-9" wide at the west side and bent 3/16" down over 1'-3" long x 1'-9" wide at the east side (Photo 20).
- The lateral bracing between South Truss U4 and North Truss U4, lower chord flange at the bottom edge has a 2” long x 1” high x 1/8” deep dent over the center of the roadway near the light utility.
- The lateral bracing between South Truss U6 and North Truss U6, lower chord flange at the bottom edge has a 2” long x 1” high x 1/4” deep dent over the westbound lane.

7000	*Damage*		1	0	0%	1	100%	0	0%	0	0%

Notes: South Truss:

Member L1-U1:
- On the west leg of the north flange: There is a 1/2" wide x 1/2" high x 1/8" deep gouge above the railing (Photo 21).
- On the west leg of the south flange below the gusset plate: There is a 4" wide x 4" high x 3/16" deep gouge (Photo 22).

152	**Steel Floor Beam**	Mod	**436 ft**	**49**	**11%**	**265**	**61%**	**122**	**28%**	**0**	**0%**

Notes: The nine (9) steel floorbeams are labeled as Floorbeam 0 to Floorbeam 8 from west to east, and have areas of section loss, cracked welds at the utility opening support angles and web stiffeners, moderate to heavy rust, and peeling paint (Photos 24-35).

On the west face of Floorbeam 7, near the South Truss, the bottom flange has a laminar tear/rolling defect 1" long x 3/4" wide.

515	*Steel Protective Coating*	4,968	3,229	65%	750	15%	192	4%	797	16%

Notes: The floorbeams have a painted steel protective coating (Photos 24-35).

3420	*Peel/Bub/Crack(Stl Protect Coat)*	1,739	0	0%	750	43%	192	11%	797	46%

Notes: The floorbeams have scattered areas of peeling and missing paint on approximately 35% of the total surface area, most notably near the truss connections (Photos 24-35).

1000	*Corrosion*	371	0	0%	262	71%	109	29%	0	0%

Notes: The floorbeams typically have moderate to heavy rust most notably, near the connections to the trusses (Photos 24-35). Specific section loss is as follows:

Floorbeam 0 (up to 14.3% web shear loss):
- West face of web near the South Truss: There is 6'-0" long x up to 7" high x up to 1/4" deep section loss along the bottom flange. There is generally full-length x remaining height x 1/8" deep avg pitting (Photo 24).
- West leg of bottom flange: There is full-length x full width x 1/8" deep section loss (Photos 24-25).
- West leg of top flange: There is full-length x full width x up to 1/8” deep section loss with laminated rust.
- East face of web, 7” from the North Truss: There is 7" long x 3" high x 1/8" deep section loss above the lateral bracing clip (Photo 26).
- West face of web, north half: There is up to 1'-10" high x 1/8" deep section loss throughout (Photo 25).
- East face of web, 1’-0” from the North Truss: There is 8" long x 3" high x 3/16" deep section loss below the lateral bracing clip (Photo 26).
- East face of web, between Stringers C and D: There is 1’-0" long x 1" high x 1/16" deep section loss along the bottom flange.
- East face of web, 7" from the South Truss: There is 1’-0" long x 2" high x 1/8" deep pitting above the lateral bracing clip.

Floorbeam 2 (up to 6.6% web shear loss):
- West face of web, at South Truss: There is 2'-9" long x 1’-3" high x 1/8" deep section loss along the bottom flange and lateral bracing clip angle (Photo 27).
- East face of web, 1’-5” from the North Truss: There is 1’-3" long x up to 4" high x 1/8" deep section loss along the bottom flange.

Floorbeam 3 (up to 5.5% web shear loss):
- West face of web, at South Truss: There is 5'-0" long x 2-1/2" high x up to 3/16" deep section loss along the bottom flange and 1’-6” long x 5” high x 1/16” deep section loss above.

Floorbeam 4 (up to 9.9% web shear loss):
- West face of web, at the South Truss: There is 3'-6" long x up to 5" high x 1/8" deep section loss along the bottom flange with 5" long x 2" high x up to 1/4" deep pitting below the connection plate clip angle (Photo 28).
- West face of web, 7” from the South Truss: There is 1’-0" long x 2" high x 1/8" deep section loss above the lateral bracing clip angle and 1’-2" long x 2" high x 3/16" deep section loss along the top flange (Photos 28 and 29).

Floorbeam 6 (up to 2.2% web shear loss):
- West face of web, 10" from the North Truss: There is 6" long x 2" high x 1/8" deep section loss below the lateral bracing clip angle.
- East face of web at the South Truss: There is 1'-0" long x 5" high x 1/8" deep section loss along lateral brace connection clip angle.

Floorbeam 8 (up to 5.5% web shear loss):
- West face of web, 7” from the South Truss: There is 1’-3" long x 3" high x 1/8" deep section loss above the lateral bracing clip angle.
- East face of web at the South Truss: There is 7'-6" long x 3" high x up to 3/16" deep section loss along the bottom flange; the remaining width has negligible section loss.
- East face of web in Bay B: There is full-length of the utility opening x 4" high x 1/8" deep section loss along the top flange.
- East face of web in Bay B between bottom flange and utility opening: There is 7" high x 3/16" deep section loss and the upper longitudinal stiffener is paper thin full width of the outstanding leg.
- Bottom flange has laminated rust and section loss measuring full-length x full width x 1-1/16" remaining (1-11/16" original thickness) resulting in 14.0% section loss (Photo 30).
- East leg of top flange: There is full-length x full width x 1/8” deep section loss (Photo 30).

See document titled "095501-2025-03-21-Section-Loss.pdf" for details.

1010	*Cracking*	13	0	0%	0	0%	13	100%	0	0%

Notes: There are cracks in the floorbeam welded attachments that have not propagated since the previous inspection at the following locations:

Floorbeam 2:
- West face at Bay C utility opening: The bottom horizontal reinforcement angle has a longitudinal crack/incomplete weld 1’-1-1/2" long that continues onto the horizontal leg as a transverse crack 1-1/2” long (weld does not include/propogate into web of floorbeam) (Photo 31).
- East face at Bay C utility opening: The bottom horizontal reinforcement angle has a longitudinal crack/incomplete weld full-length in the fillet (weld does not include/propogate into web of floorbeam) (Photo 32).

Floorbeam 4:
- West and East faces at Bay C utility opening: The bottom horizontal reinforcement angle has a longitudinal crack full-length in the fillet (weld does not include/propogate into web of floorbeam).

Floorbeam 6:
- West and East faces at Bay C utility opening: The bottom horizontal reinforcement angle has a longitudinal crack/incomplete weld full-length in the fillet (weld does not include/propogate into web of floorbeam).

Floorbeam 7:
- West face at Bay C utility opening: The bottom horizontal reinforcement angle to the floorbeam web weld has a longitudinal crack 2'-8" long with 1/2” thick pack rust (Photo 33).

Floorbeam 8:
- West face at Bay C: The vertical web stiffener to the floorbeam top flange weld has a crack 4" long at the north side and a crack 2-1/4" long at the south side (Photo 34).

7000	*Damage*	3	0	0%	3	100%	0	0%	0	0%

Notes: Floorbeam 5:
- West face at the South Truss: There are two (2) scrapes in the web up to 2’-6” long x 1/4” wide x 1/16” deep (Photo 35).

8368	*Graffiti*	144	0	0%	144	100%	0	0%	0	0%

Notes: Floorbeam 8:
- West face: There is graffiti covering approximately 50% of the surface.

162	**Stl Gus Plate**	Mod	**64 each**	**0**	**0%**	**53**	**83%**	**8**	**13%**	**3**	**5%**

Notes: The steel gusset plates have areas of section loss, peeling paint, rust, cut and corroded rivet heads, and pack rust with distortion (Photos 10 and 36-45).

515	*Steel Protective Coating*	1,856	742	40%	200	11%	350	19%	564	30%

Notes: The steel gusset plates have a painted steel protective coating (Photos 36-45).

3420	*Peel/Bub/Crack(Stl Protect Coat)*	1,114	0	0%	200	18%	350	31%	564	51%

Notes: The steel gusset plates have areas of peeling and missing paint on approximately 60% of the total surface area (Photos 36-45).

1000	*Corrosion*	53	0	0%	45	85%	8	15%	0	0%

Notes: The gusset plates have up to moderate rust throughout (Photos 36-45).

The lower chord gusset plate rivets have section loss up to 25%, most notably on the bottom row of rivets at Panel Points L0, L4, L6, and L8 at both trusses (Photo 40). At Panel Point L2 and L8, isolated rivets have section loss up to 75%, at both trusses.

There is section loss in the gusset plates and filler plates at the following locations:

North Truss:
Panel Point U1:
- South face of south gusset plate: There is an area of section loss above the portal strut clip angle measuring full-length of the clip angle x 2" high x up to 1/8" deep that extends around the upper end (Photo 36).

Panel Point L4:
- At member L4-U3 north filler plate: There is a rust hole 1-1/2" long x 1" high (Photo 37).
- At member L4-U3 south filler plate: There are two (2) rust holes 6" long x 2" high.

Panel Point L4:
- At member L4-U5 north filler plate: There are two (2) rust holes up to 2-1/2" long x 1" high (Photo 37).

Panel Point L6:
- North face of south gusset plate: There is pitting 2'-6" long x 5" high with negligible loss along the bottom chord.

South Truss:
Panel Point U1:
- North face of north gusset plate: There are two (2) areas of section loss 5" long x 5" high x 1/8" deep and 1’-0" long x 3" high x up to 1/8" deep below the portal strut clip angle (Photo 39).

Panel Point L4:
- At member L4-U3 south filler plate: There is a rust hole 1" long x 3/4" high (Photo 40).
- At member L4-U3 north filler plate: There is a rust hole 4" long x 2-1/2" high, and two (2) rust holes up to 2" long x 1" high within an area of section loss 2" long x 4" wide x knife edge remaining.

Panel Point L4:
- At member L4-U5 south filler plate: There are two (2) rust holes up to 6" long x 2" high (Photo 40).
- At member L4-U5, north filler plate: There is a 2-1/2" long x 11" wide rust hole.

Panel Point U7:
- North face of north gusset plate: There are two (2) areas of section loss 4" long x 1-1/2" high x 3/16" deep at the upper end of the portal strut clip angle and 11" long x 1-1/2" high x 1/8" deep above the clip angle (Photos 44-45).

1020	*Connection*	4	0	0%	1	25%	0	0%	3	75%

Notes: North Truss:
Panel Point L2:
- South face of the north gusset plate: There are two (2) missing rivets (Photo 10).
- South face of the south gusset plate: There are two (2) cut rivet heads.

Panel Point U3:
- South face of the north gusset plate, along the east edge of U3-L3: There is a gap between the filler plate and the truss 1/16" wide.

South Truss:
Panel Point L4:
- North face of the north gusset plate: There are four (4) cut rivet heads and four (4) missing rivets.

Panel Point U6:
- South face of the south gusset plate: There are two (2) missing rivets (Photo 43).

1900	*Distortion*	6	0	0%	6	100%	0	0%	0	0%

Notes: North Truss:

Panel Point L4:

- At member L4-U3: The north filler plate is bent 3/4" due to pack rust.
- At member L4-U3: The south filler plate is bent 1" due to pack rust.
- At member L4-U5: The north filler plate has three (3) areas of bending up to 3/4" due to pack rust.

Panel Point U5:

- At member L4-U5: The north filler plate is bent 1/16" due to pack rust (Photo 38).

Panel Point U6:

- At member L6-U6: Both gusset plates are bent 1/16" at the west and east sides due to pack rust.

South Truss:

Panel Point U4:

- At member L4-U4: Both gusset plates are bent 3/16" at the west and east sides due to pack rust (Photo 41).

Panel Point U5:

- At member L4-U5: The south filler plate is bent 1/4" due to pack rust (Photo 42).

Panel Point U6:

- At member L6-U6: Both gusset plates are bent 1/8" at the west and east sides due to pack rust.

7000	*Damage*	1	0	0%	1	100%	0	0%	0	0%

Notes: North Truss:

- South gusset plate at Panel Point L2: There are three (3) gouges up to 2" long x 1/4" deep at the south elevation along the bottom edge.

Load Rating Event

Event Name:	2024-05-01-4229	Load Rating Date (B.LR.03):	
Load Rater:	STEERE	Reviewer:	RIDOT-DM
Software Used:	0 AASHTOWare BrR	Secondary Software:	
Load Rating Method (B.LR.04):	LRFR Load and Resistance Factor Ratin	Routine Permit Loads (B.LR.08):	
Description:	[05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24.		
Wearing Surface / Fill Depth:	0.00 inches	Category:	

Vehicle Name	Rating	Gross	Inventory (B.I.R.05)	Operating (B.I.R.06)	Controlling Legal (B.I.R.07)	Location	Description
HS-20 Inventory	1.58	31.60					Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 31.6 Tons converted using 20.00Tons per vehicle.
HL-93 Operating	1.04	37.44					Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 37.6 Tons converted using 36.00Tons per vehicle.
HL-93 Operating	0.79	28.44		Opr			Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 28.4 Tons converted using 36.00Tons per vehicle.
HL-93 Inventory	0.61	21.96	Inv				Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 21.9 Tons converted using 36.00Tons per vehicle.
AASHTO Type 3	1.44	36.00					Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 36 Tons converted using 25.00Tons per vehicle.
AASHTO Type 3S2	1.24	44.64					Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 44.5 Tons converted using 36.00Tons per vehicle.
AASHTO Type 3-3	1.19	47.60					Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 47.5 Tons converted using 40.00Tons per vehicle.
AASHTO SU4 truck	1.38	37.26					Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 37.3 Tons converted using 27.00Tons per vehicle.
AASHTO SU5 truck	1.29	39.99					Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 40 Tons converted using 31.00Tons per vehicle.
AASHTO SU6 truck	1.20	41.70					Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 41.6 Tons converted using 34.75Tons per vehicle.
AASHTO SU7 truck	1.11	43.01					Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 43 Tons converted using 38.75Tons per vehicle.

FHWA Type EV3 emergency ve	0.90	38.70		Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 38.6 Tons converted using 43.00Tons per vehicle.
RI_3	1.10	41.80		Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 41.7 Tons converted using 38.00Tons per vehicle.
RI_4	1.19	44.63		Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 44.8 Tons converted using 37.50Tons per vehicle.
RI_5	1.04	54.50		Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 54.6 Tons converted using 52.40Tons per vehicle.
RI_6	0.89	57.85		Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 57.7 Tons converted using 65.00Tons per vehicle.
RI_OP1	1.22	68.93		Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 68.9 Tons converted using 56.50Tons per vehicle.
RI_OP2	1.05	84.00		Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 83.9 Tons converted using 80.00Tons per vehicle.
RI_OP3	0.88	99.44		Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 99.8 Tons converted using 113.00Tons per vehicle.
RIPTA	1.65	34.32		Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 34.3 Tons converted using 20.80Tons per vehicle.
RI_OP4	0.93	78.12		Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 78.3 Tons converted using 84.00Tons per vehicle.
RI_5B	0.78	48.75		Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 48.7 Tons converted using 62.50Tons per vehicle.
RI_OP5	1.16	81.20		Inserted from T_RATINGS on 05/14/2024 12:04:31 / [05/02/24] LR Received & Under Review [12/4/23] RIDOT Task 191B, Bridge Group 43. Routine inspection due 03/30/24. 81 Tons converted using 70.00Tons per vehicle.

Load Posting Status

Posting Status Change Date (B.PS.02)	Open/Posted/Closed	Permanent/Temp/Supported	Load Posting Status (B.PS.01)
3/27/2024 12:00:00AM	Weight		PP-T

Text of Load Posting Signs:

Cross Sections

Streambed Cross Sections

Orientation: **Right View** **Offset:** **24** **Month/Year:** **03/2022**

Graph Line Settings

Name:	Streambed Cross Section	Color:	#0000FF	Show in Graph:	R
Style:	Solid			Show in Legend When Graphed:	R

General Information

Station Equation:		Offset Remark:	Top of Sidewalk
Elevation Equation:		Elevation Basis:	Assumption
Soundings/Elevations Indicator:	Elevations	Water Surface:	-20.7
Location of Base Measurement:	Top of sidewalk	Bridge Inspection:	

Station	Sounding/Elevation (ft)	Remarks
0 + 0	-12.2	
0 + 30	-15.9	
0 + 33	-20.7	
0 + 50	-27.2	
0 + 70	-29.2	
0 + 90	-30.2	
1 + 10	-31.2	
1 + 30	-27.2	
1 + 50	-30.5	
1 + 70	-28.8	
1 + 84	-20.7	
1 + 90	-18.2	
2 + 10	-13.7	

Orientation: **Right View** **Offset:** **24** **Month/Year:** **04/2020**

Graph Line Settings

Name:	Streambed Cross Section	Color:	#FF0000	Show in Graph:	R
Style:	Solid			Show in Legend When Graphed:	R

General Information

Station Equation:		Offset Remark:	Top of Sidewalk
Elevation Equation:		Elevation Basis:	Assumption
Soundings/Elevations Indicator:	Elevations	Water Surface:	-21.6
Location of Base Measurement:	Top of sidewalk	Bridge Inspection:	

Station	Sounding/Elevation (ft)	Remarks
0 + 0	-11.9	
0 + 30	-18.5	
0 + 33	-21.6	
0 + 50	-25.3	
0 + 70	-27.5	
0 + 90	-28	
1 + 10	-29.8	
1 + 30	-30.1	
1 + 50	-30.5	
1 + 70	-28.8	
1 + 84	-21.6	
1 + 90	-20.1	
2 + 10	-13.7	

Scour Potential Evaluation

Graph Line Settings

Orientation:		Style:	Show in Graph:
Offset:		Name:	Show in Legend When Graphed:
Month/Year:		Color:	

General Information

Q Frequency:		Month of Evaluation:	Elevation Basis:
Station Equation:		Year of Evaluation:	Offset Left:
Elevation Equation:	Location of Base Measurement:		Offset Right:

Details

Station	Pier	Contraction Scour (ft)	Pier Scour (ft)	Total Scour (ft)	Remarks

No records to display.

Structure Detail

Graph Line Settings

Orientation:	Right View	Name:	Structure Detail	Style:	Solid	Color:	#00FF00

General Information

High Water Elevation:		Elevation Equation:		Location of Base Measurement:	Top of sidewalk
High Water Year:		Station Direction:	Increasing	Bent Direction:	Increasing
Upstream Side:	Unknown	Station Equation:		Elevation Basis:	Assumption
Downstream Side:	Unknown			Source:	Inspection

Details

Station	Reference Curb/Rail Elevation (ft)	Deck Elevation (ft)	Bottom Footing Elevation (ft)	Critical Pier Scour Depth (ft)	Pile Tip Elevation (ft)	Footing Type	Superstructure Thickness (ft)	Remarks
0 + 0		-2	-18			Spread Footing	4	
2 + 10		-2	-18			Spread Footing	4	

Original Streambed Elevation

SoundingElevationText

Graph Line Settings

Orientation:	Right View	Style:	Solid	Show in Graph:	R
Name:	Original Streambed Elevations	Color:	#00FF00	Show in Legend When Graphed:	R

General Information

Station Equation:		Original Month:	04
Elevation Equation:		Original Year:	2020
Elevation Basis:	Assumption	Source:	Inspection
Location of Base Measurement:	Top of sidewalk	Soundings/Elevations Indicator:	Elevations

Details

Station	Sounding/Elevation (ft)	Remarks
0 + 0	-11.9	
0 + 30	-18.5	
0 + 33	-21.6	
0 + 50	-25.3	
0 + 70	-27.5	
0 + 90	-28	
1 + 10	-29.8	
1 + 30	-30.1	
1 + 50	-30.5	
1 + 70	-28.8	
1 + 84	-21.6	
1 + 90	-20.1	
2 + 10	-13.7	

Scour Resistant Layer

Graph Line Settings

Name: Show in Graph:

Style: Color: Show in Legend When Graphed:

General Information

Elevation Equation: Offset Left: Rock Layer Description:

Elevation Basis: Offset Right: Remark:

Station Equation:

Details

Station	Elevation (ft)

No records to display.

Inspection Details

Summary

Inspection Completion Date (B.IE.03): 2025-03-21 Inspector: MCAULEY, DUNCAN

Date Entered: 2025-03-21 Entered by: SCHNEIDER, THOMAS

QA Date (B.IE.08): 2025-04-18

QC Date (B.IE.09): 2025-04-18

Inspection Data Update Date (B.IE.10): 2025-04-14

Inspection Needs

NSTM Inspection Required (B.IR.01): Y NSTM inspection required Fatigue Details (B.IR.02): Y E/E' details are present

Complex Features (B.IE.04): Bridge does not have complex fe

Schedule

Inspection Type	Required for Bridge	Inspection Being Performed (B.IE.01)	Inspector	Most Recent Inspection Date	Interval Method (B.IE.07)	Interval (months) (B.IE.05)	Inspection Due Date (B.IE.06)	Inspection Assignment Name	Inspection Assignment Group
Damage	£	£							
In-Depth	£	£							
Initial	£	£							
Load Rating	£	£							
NSTM	R	R	St Sauveur, Corey	3/11/2025	1 Method 1	12	3/11/2026	FC2 2025	TranSystems
Routine	£	£		3/27/2024		24	3/27/2026		
Scour Monitoring	£	£							
Service	£	£							
Special	R	R	St Sauveur, Corey	3/11/2025	1 Method 1	12	3/11/2026	FC2 2025	TranSystems
Underwater	£	£		1/1/1901		60	1/1/1901		
Unplanned Routine	£	£							

Review Information

C3787C8960D34104A7BB7026037DD96B

Step	Reviewer	Completed Date	Completed # of Days Since Inspection Begin Date	Days Remaining for Review

Work History & Needs

Work History

Year Work Performed (B.W.02)	Work Performed (B.W.03)	Description

Work Candidates

2020-04-02

819E6F3-D7A4-042320-DF018BD148 - Guardrail Repair

Date Recommended:	2020-04-02	Contact / User:	
Priority:		Target Year:	2022
Number of Locations:		Structure Unit:	0
Date Reviewed:		Source:	Inspector Recommended
Assigned:	Yes	Assignment:	Agency

Description: [WSP] Repair the northwest and southwest approach guardrails.

{RIDOT] Emailed Fouad M. for repair under the 'On-Call Guardrail Contract'. - 9/21/2020

Estimated Quantity:		Unit Cost:	Estimated Cost: 0.00
Date Completed:		Federal Funds:	Final Cost:

819E6F3-D7A4-042320-42EBE4E47D - Deck Patching

Date Recommended:	2020-04-02	Contact / User:	
Priority:	Medium	Target Year:	2022
Number of Locations:		Structure Unit:	0
Date Reviewed:		Source:	Inspector Recommended
Assigned:	No	Assignment:	Municipality

Description: [WSP] Patched all spalls along the top and underside of the deck.

Estimated Quantity:		Unit Cost:	Estimated Cost: 607,876.00
Date Completed:		Federal Funds:	Final Cost:

819E6F3-D7A4-042720-AA7E7C43D2 - Correct Ped. Tripping Hazard

Date Recommended:	2020-04-02	Contact / User:	
Priority:	Medium	Target Year:	2021
Number of Locations:		Structure Unit:	0
Date Reviewed:		Source:	Inspector Recommended
Assigned:	No	Assignment:	Municipality

Description: [WSP] Repair settled approach sidewalks.

[TSC; 3/30/2022] This has been repaired since the previous inspection with bituminous ramps.

Estimated Quantity:		Unit Cost:	Estimated Cost: 0.00
Date Completed:	2022-03-30	Federal Funds:	Final Cost:

2022-03-30 Under Review

819E6F3-69DF-041822-7CA41BEA98 - Clean/ Wash Bm Seat&Brg. Areas

Date Recommended:	2022-03-30	Contact / User:	
Priority:	Low	Target Year:	2024
Number of Locations:		Structure Unit:	0
Date Reviewed:		Source:	Inspector Recommended
Assigned:	No	Assignment:	Unkown

Description: [TSC] There is heavy debris up to 2' high on the abutment seats and on top of the end floorbeam bottom flanges. Remove the debris.

Estimated Quantity:		Unit Cost:	Estimated Cost: 0.00
Date Completed:		Federal Funds:	Final Cost:

2024-05-14

819E6F3-33BC-051424-93884DDB76 - Miscellaneous

Date Recommended:	2024-05-14	Contact / User:	DEWEI MENG
Priority:		Target Year:	2024
Number of Locations:		Structure Unit:	0
Date Reviewed:		Source:	Inspector Recommended
Assigned:	Yes	Assignment:	Agency

Description: [5/17/2024] Installation of weight limit signs for EVs.

Estimated Quantity:		Unit Cost:	Estimated Cost: 0.00
Date Completed:	2024-05-14	Federal Funds:	Final Cost:

The 03/11/2025 Inspection of Structure 095501, Singleton				
Review Information				
Step	Reviewer	Completed Date	Completed # of Days Since Inspection Begin Date	Days Remaining for Review

Procedures & Equipment

Procedures

IsCompleted	Name	Details

Procedure Notes

Equipment

Equipment Name	Code	Hours
NSTM		
A02 Bucket lift vehicle	A02	
A03 Under bridge inspection vehicle	A03	
A06 Boat	A06	
Special		
A03 Under bridge inspection vehicle	A03	
A02 Bucket lift vehicle	A02	
A06 Boat	A06	

Equipment Notes

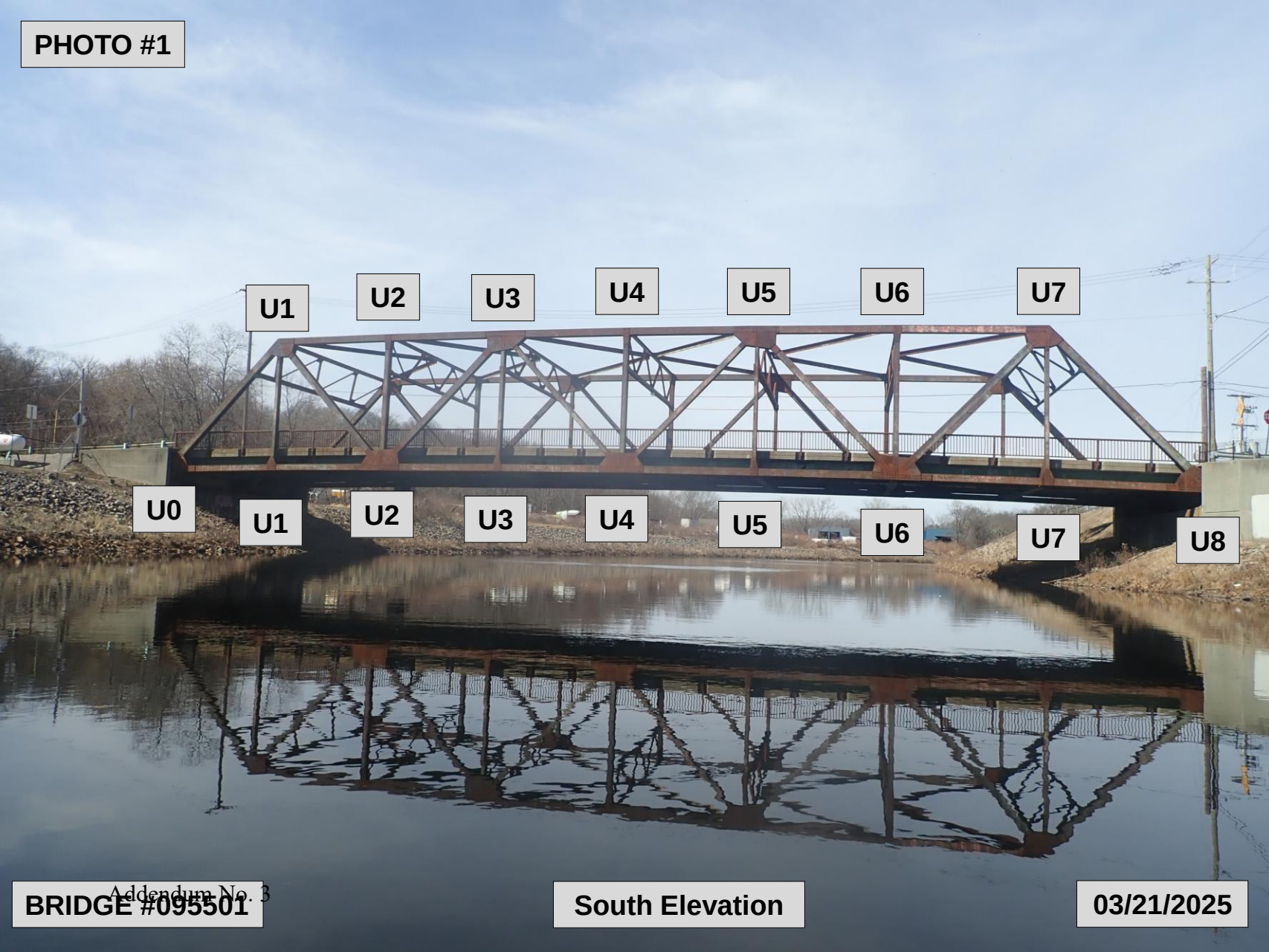


PHOTO #1
U1
U2
U3
U4
U5
U6
U7
U0
U1
U2
U3
U4
U5
U6
U7
U8
BRIDGE #095501
Addendum No. 3
South Elevation
03/21/2025

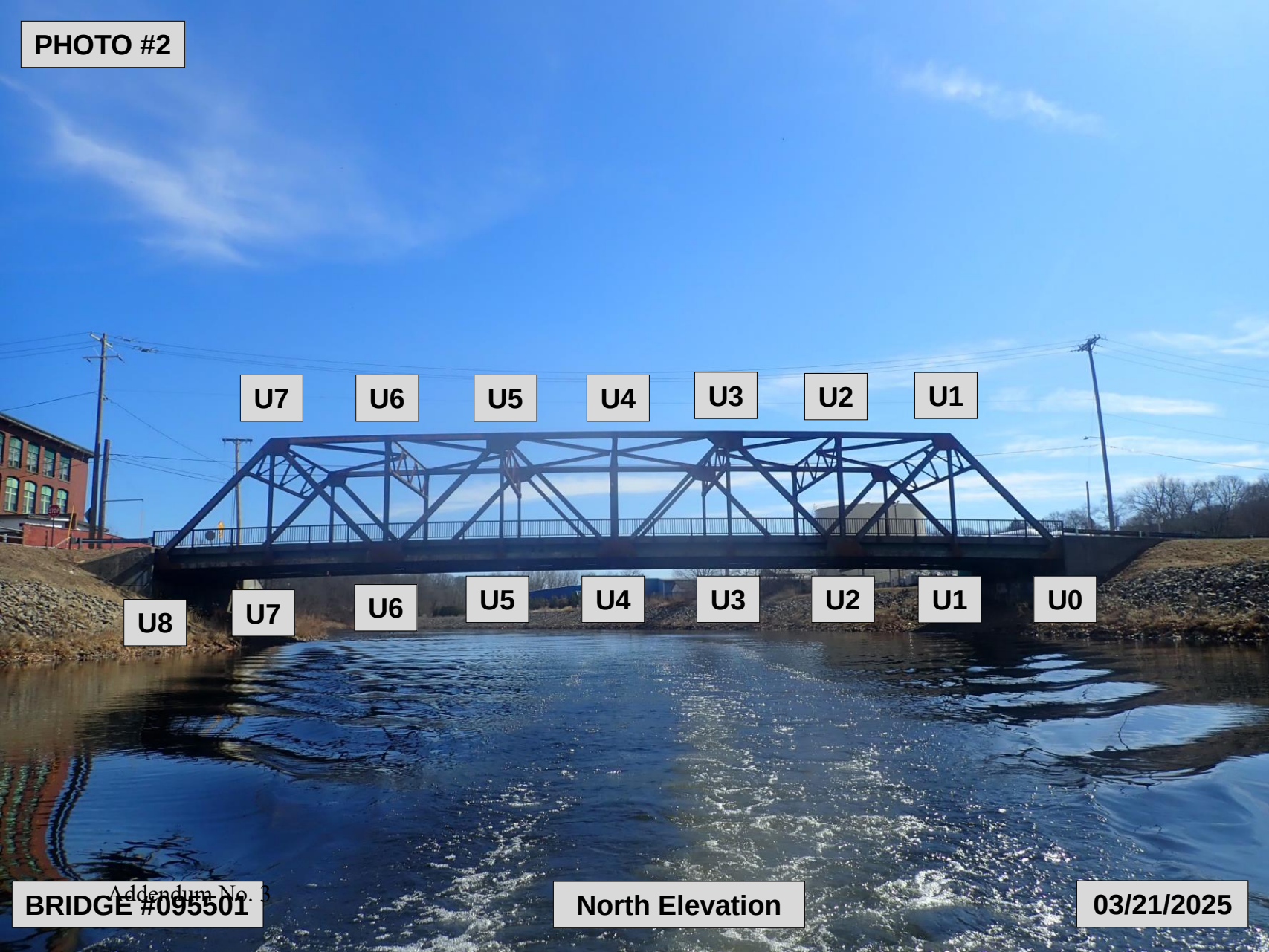


PHOTO #2
U7
U6
U5
U4
U3
U2
U1
U8
U7
U6
U5
U4
U3
U2
U1
U0
BRIDGE #095501
North Elevation
03/21/2025

PHOTO #3
15'-1"
Bridge
Approach
BRIDGE #095501
Addendum No. 3
Bridge from the west approach
03/21/2025

PHOTO #4
Approach
Bridge
BRIDGE #095501
West approach from the bridge
03/21/2025

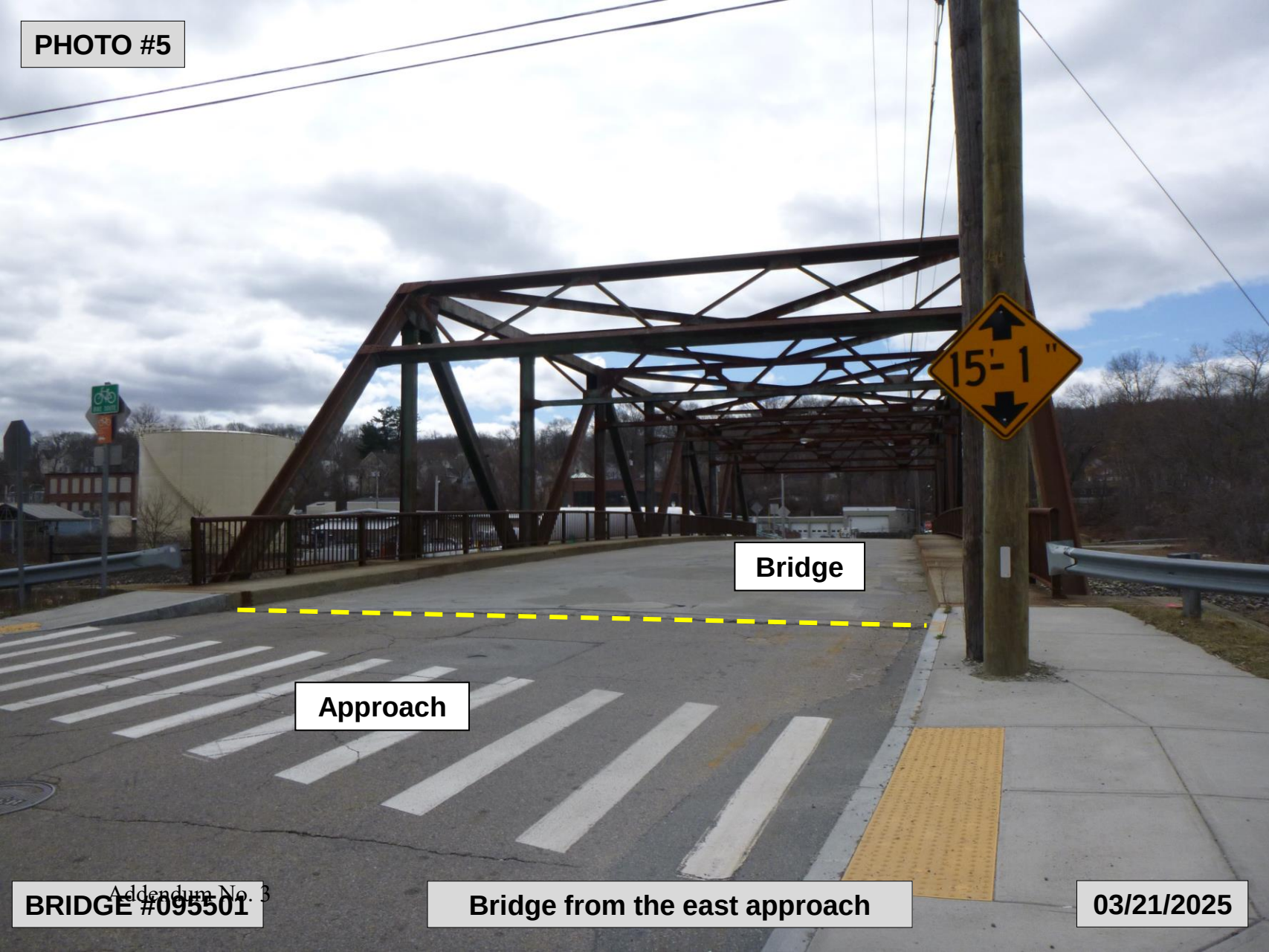


PHOTO #5
15'- 1"
Bridge
Approach
BRIDGE #095501
Bridge from the east approach
03/21/2025

PHOTO #6
Approach
Bridge
BRIDGE #095501
East approach from the bridge
03/21/2025

PHOTO #7

BRIDGE #095501

Typical top of deck, looking southwest

03/21/2025

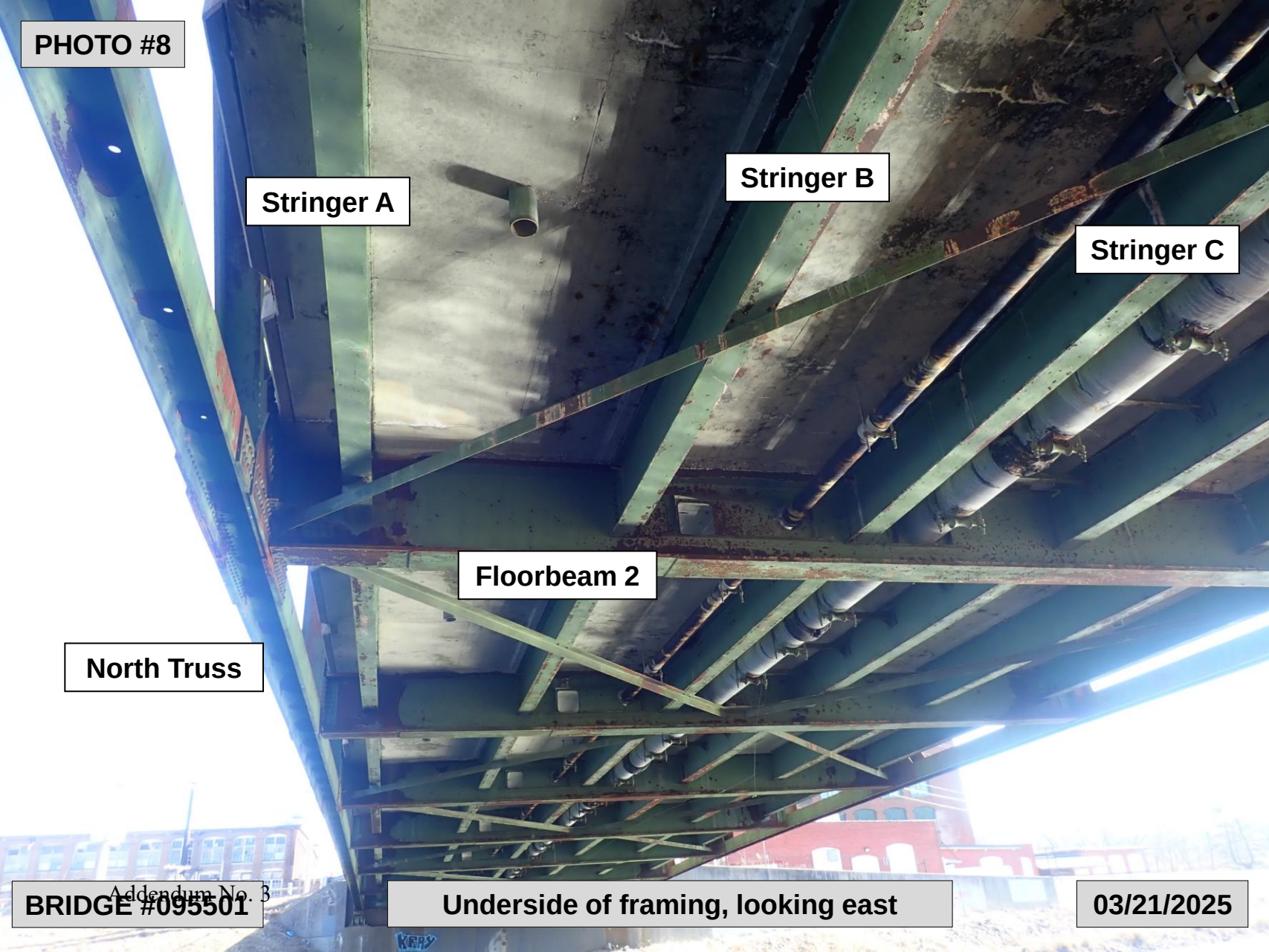


PHOTO #8
Stringer A
Stringer B
Stringer C
Floorbeam 2
North Truss
BRIDGE #095501
Underside of framing, looking east
03/21/2025

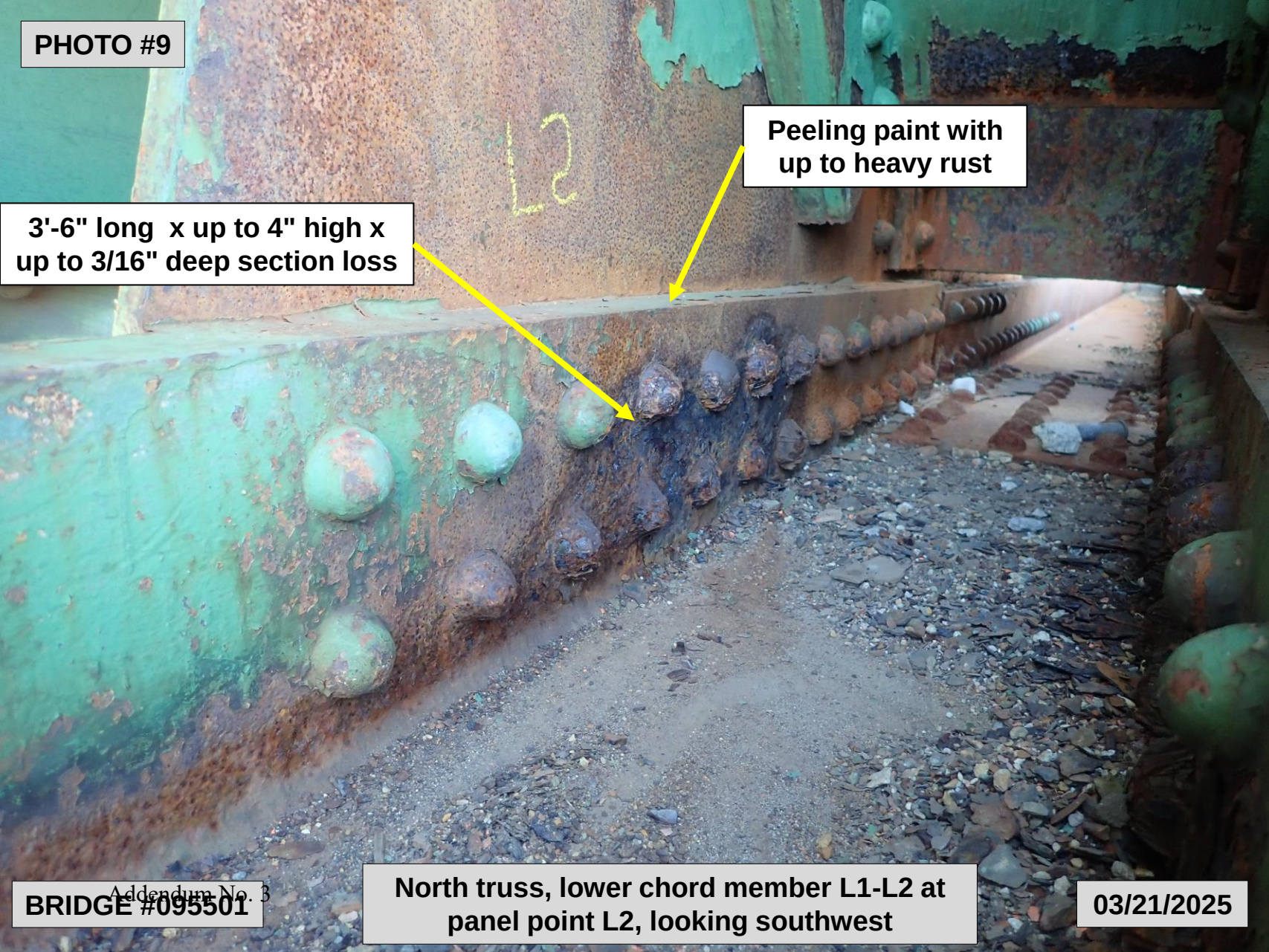
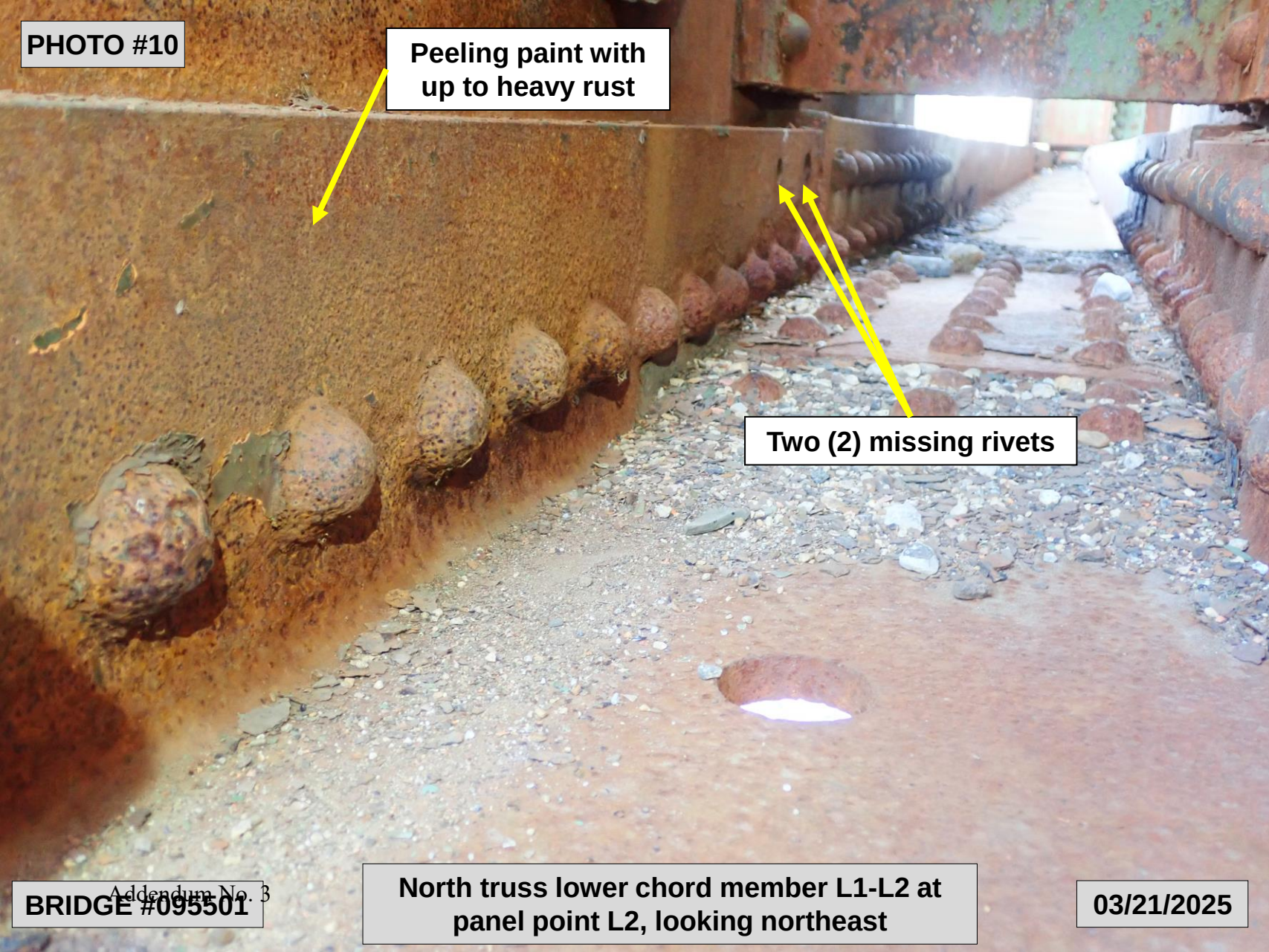


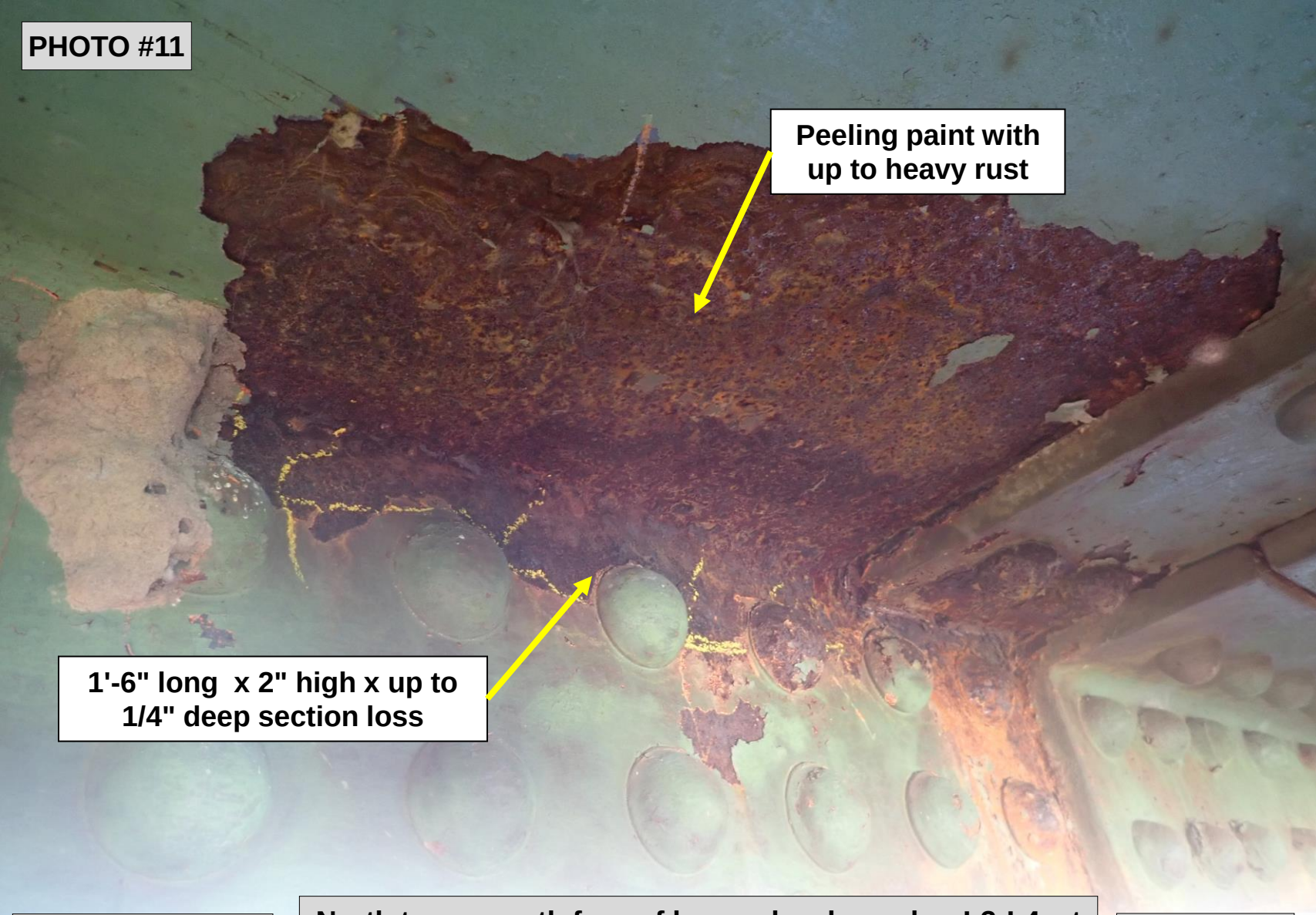
PHOTO #9
Peeling paint with up to heavy rust
3'-6" long x up to 4" high x up to 3/16" deep section loss
L2
BRIDGE #095501
North truss, lower chord member L1-L2 at panel point L2, looking southwest
03/21/2025



BRIDGE #095501

North truss lower chord member L1-L2 at panel point L2, looking northeast

03/21/2025



BRIDGE #095501

North truss, south face of lower chord member L3-L4, at the bottom north flange of panel point L4, looking north

03/21/2025

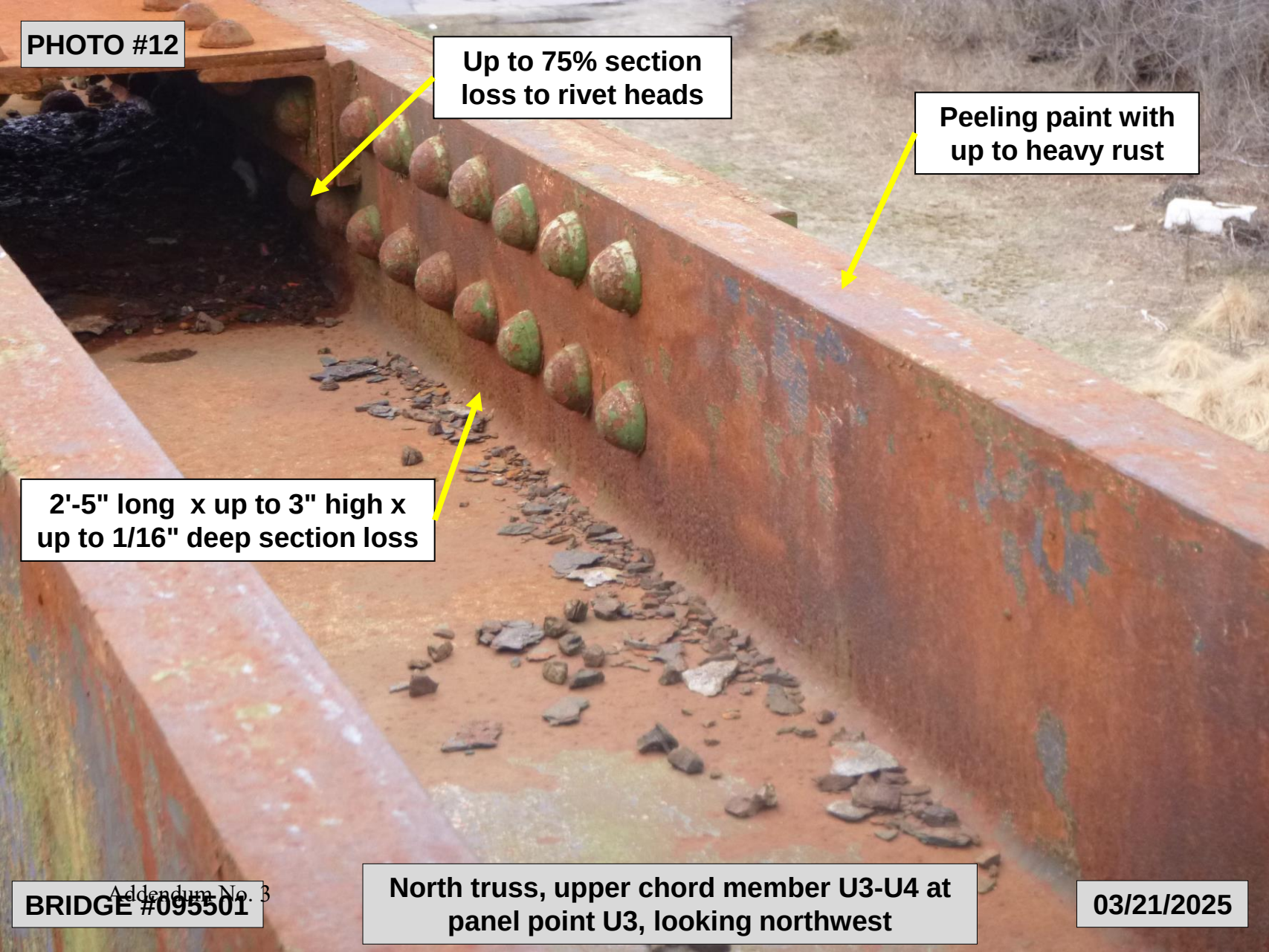


PHOTO #12
Up to 75% section loss to rivet heads
Peeling paint with up to heavy rust
2'-5" long x up to 3" high x up to 1/16" deep section loss
BRIDGE #095501
Addendum No. 3
North truss, upper chord member U3-U4 at panel point U3, looking northwest
03/21/2025

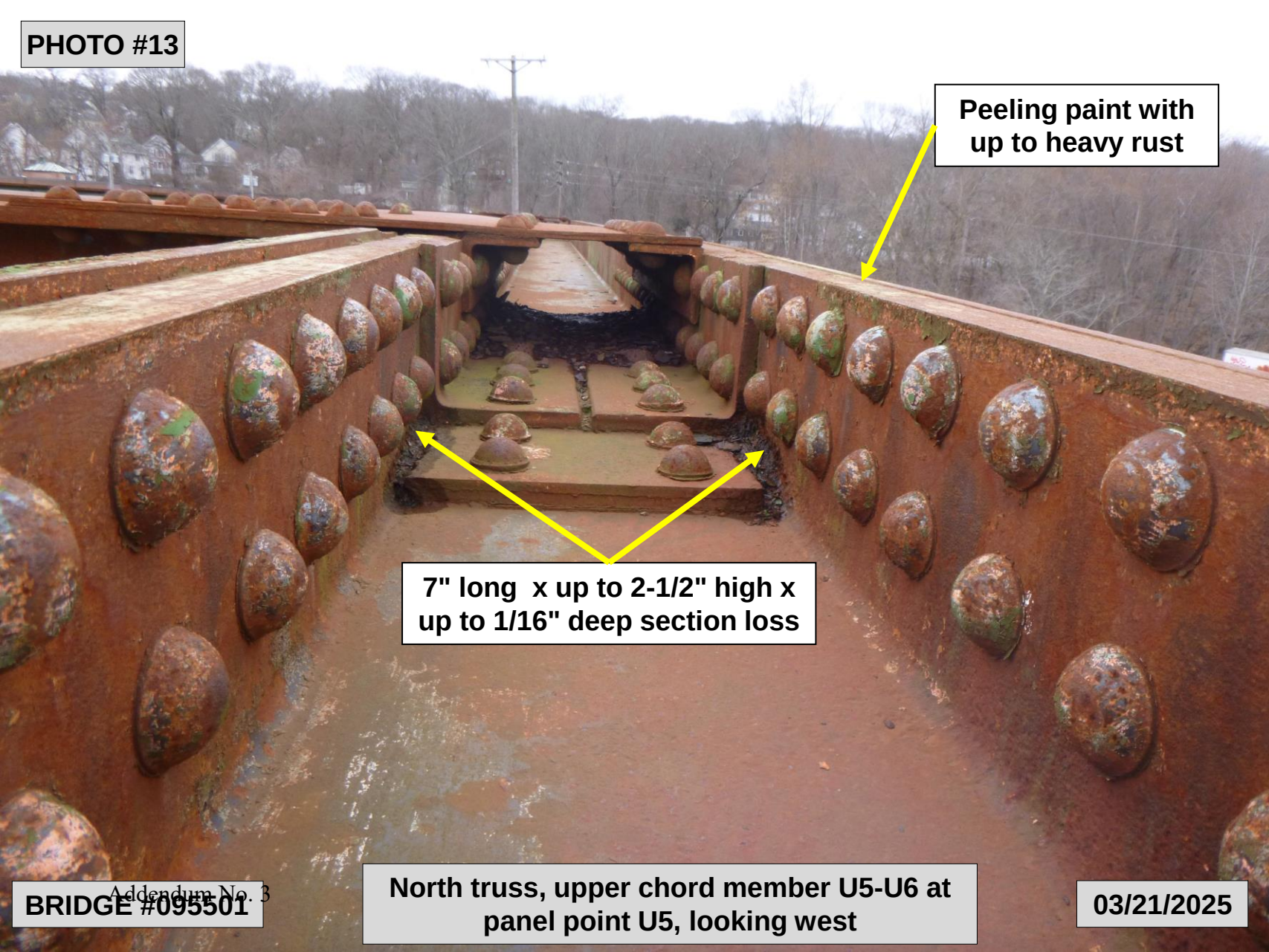


PHOTO #13
Peeling paint with up to heavy rust
7" long x up to 2-1/2" high x up to 1/16" deep section loss
BRIDGE #095501
North truss, upper chord member U5-U6 at panel point U5, looking west
03/21/2025

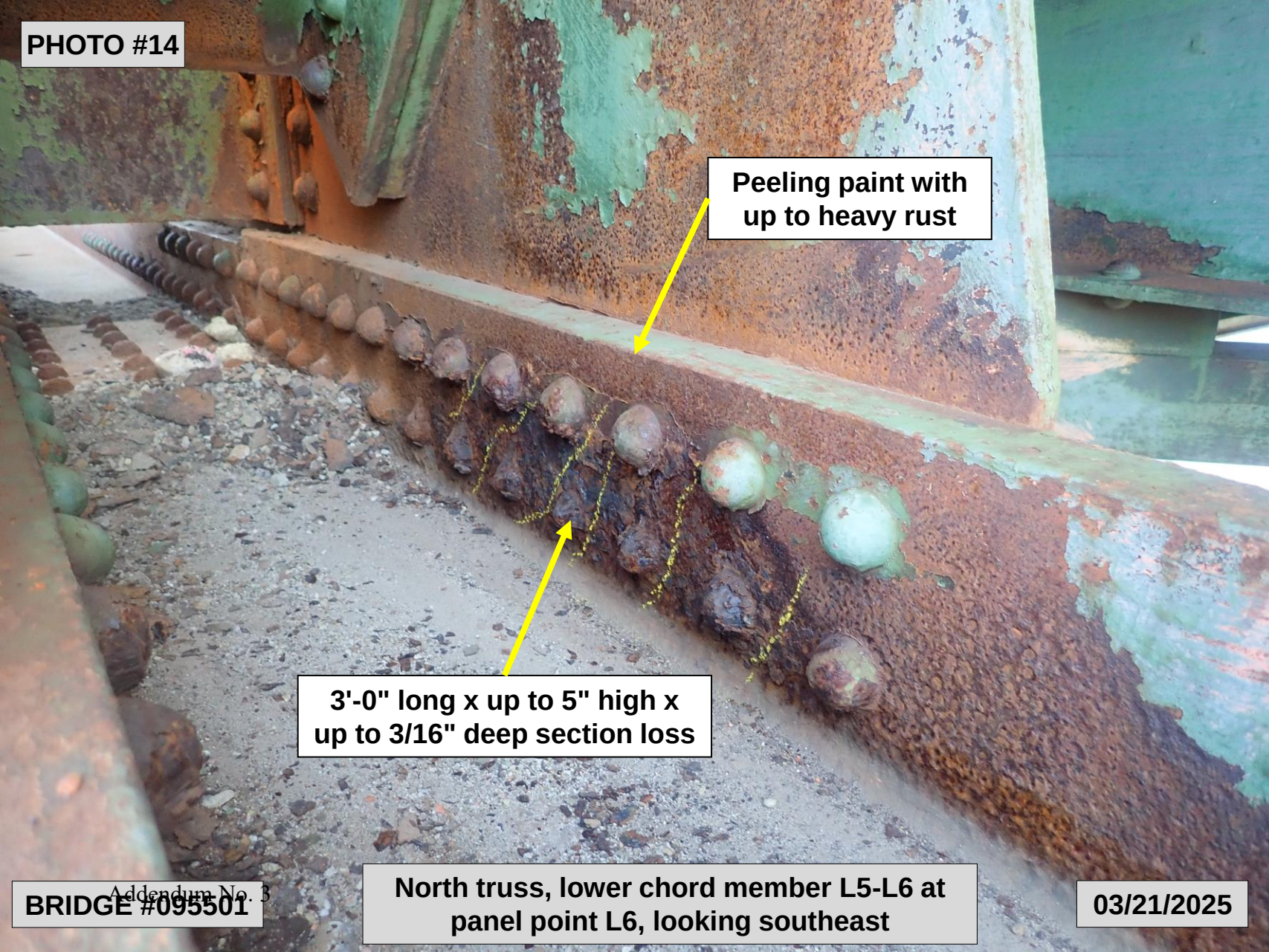
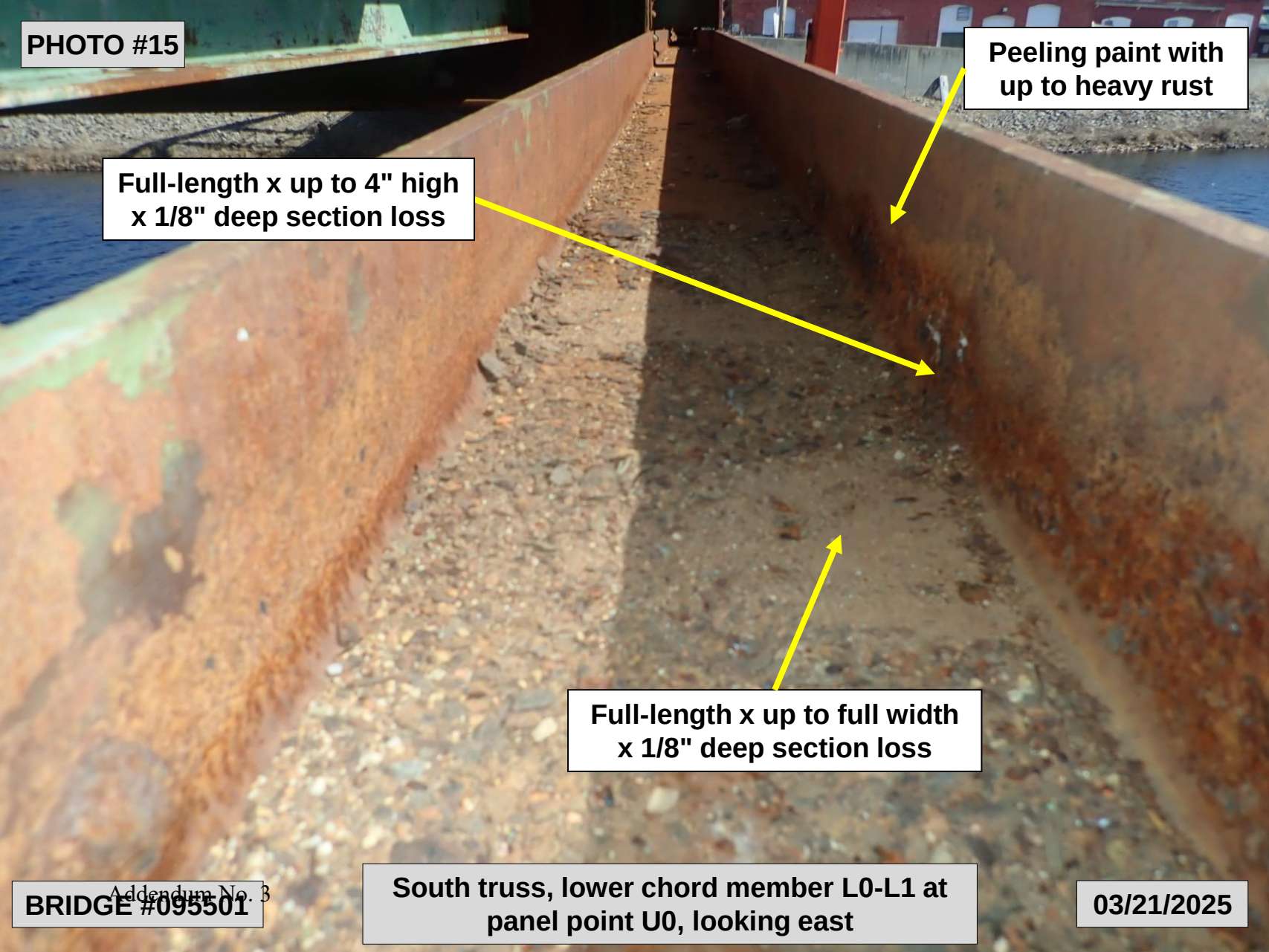


PHOTO #14
Peeling paint with up to heavy rust
3'-0" long x up to 5" high x up to 3/16" deep section loss
BRIDGE #095501
North truss, lower chord member L5-L6 at panel point L6, looking southeast
03/21/2025

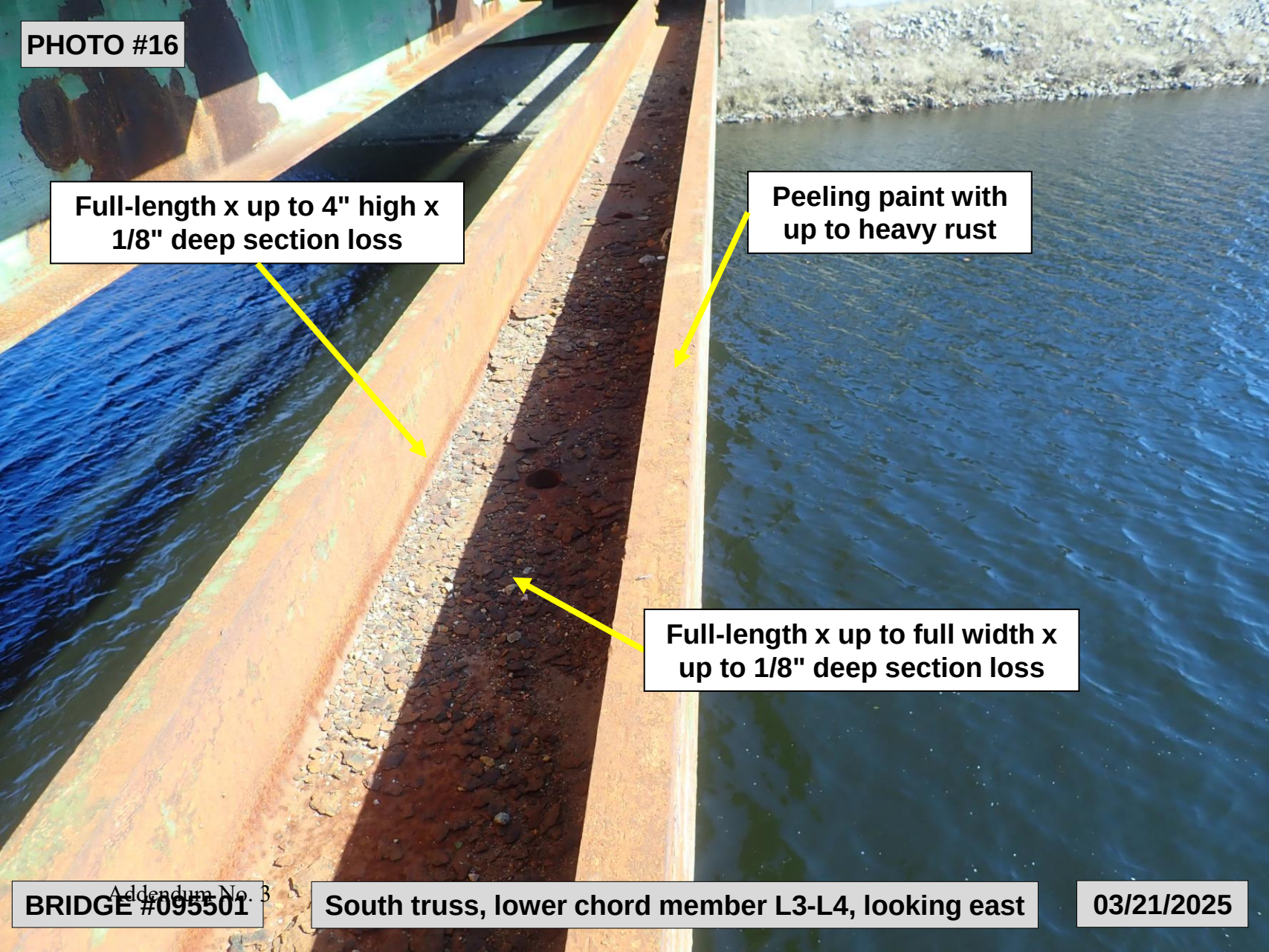


BRIDGE #095501

Addendum No. 3

South truss, lower chord member L0-L1 at panel point U0, looking east

03/21/2025



Addendum No. 3

BRIDGE #095501 | South truss, lower chord member L3-L4, looking east | 03/21/2025

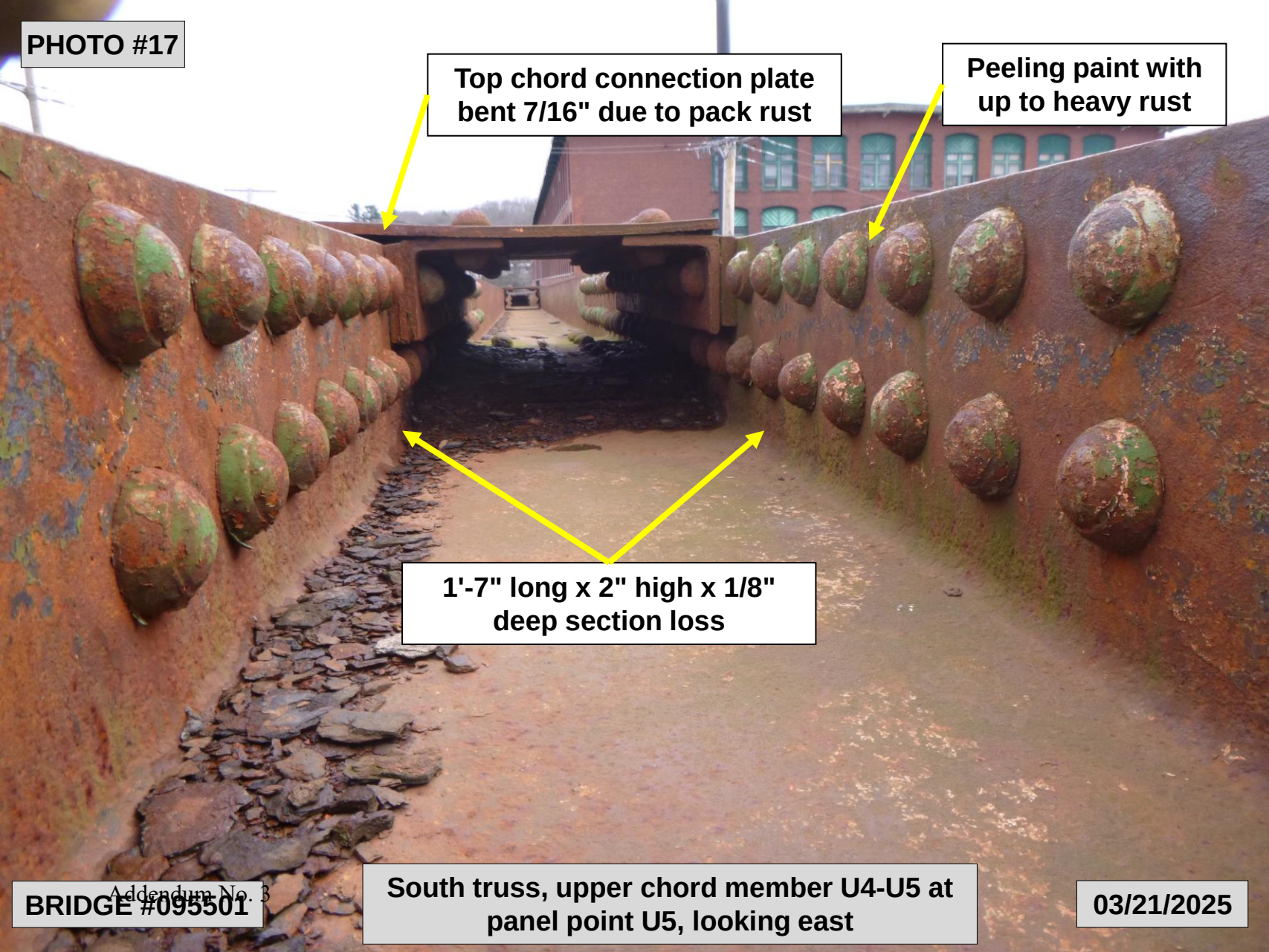


PHOTO #17
Top chord connection plate bent 7/16" due to pack rust
Peeling paint with up to heavy rust
1'-7" long x 2" high x 1/8" deep section loss
BRIDGE #095501
Addendum No. 3
South truss, upper chord member U4-U5 at panel point U5, looking east
03/21/2025

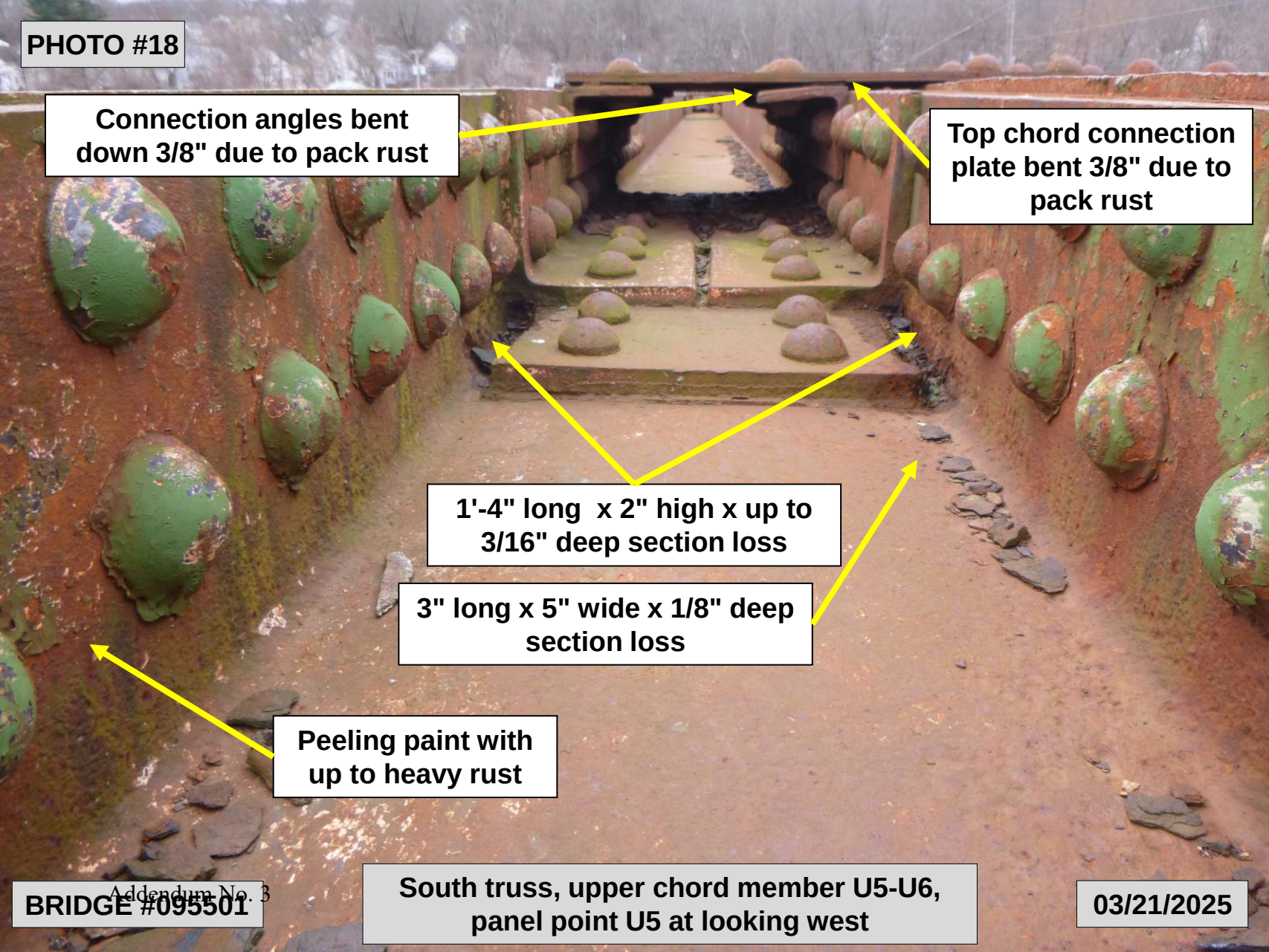


PHOTO #18
Connection angles bent down 3/8" due to pack rust
Top chord connection plate bent 3/8" due to pack rust
1'-4" long x 2" high x up to 3/16" deep section loss
3" long x 5" wide x 1/8" deep section loss
Peeling paint with up to heavy rust
BRIDGE #095501
Addendum No. 3
South truss, upper chord member U5-U6, panel point U5 at looking west
03/21/2025

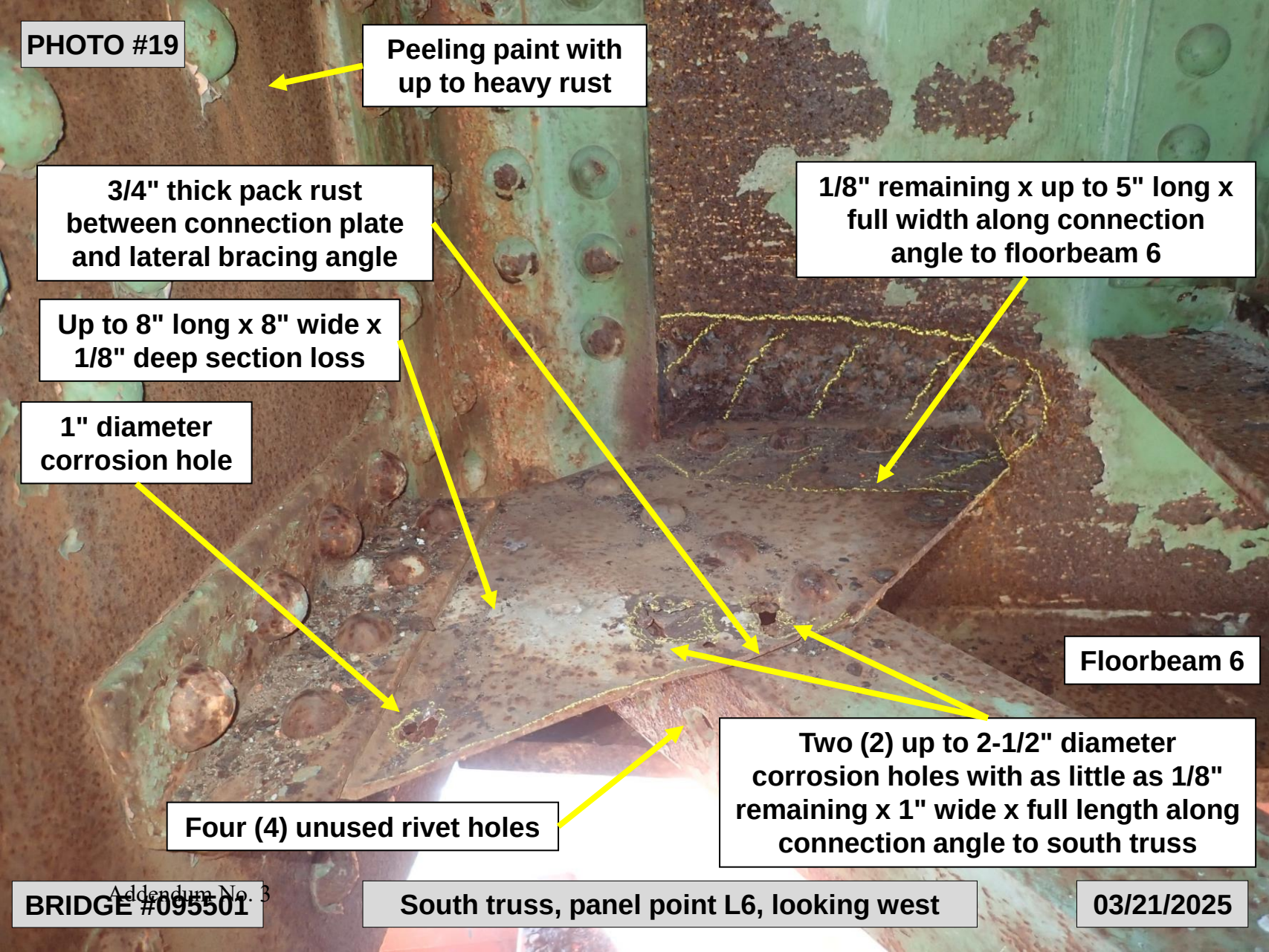
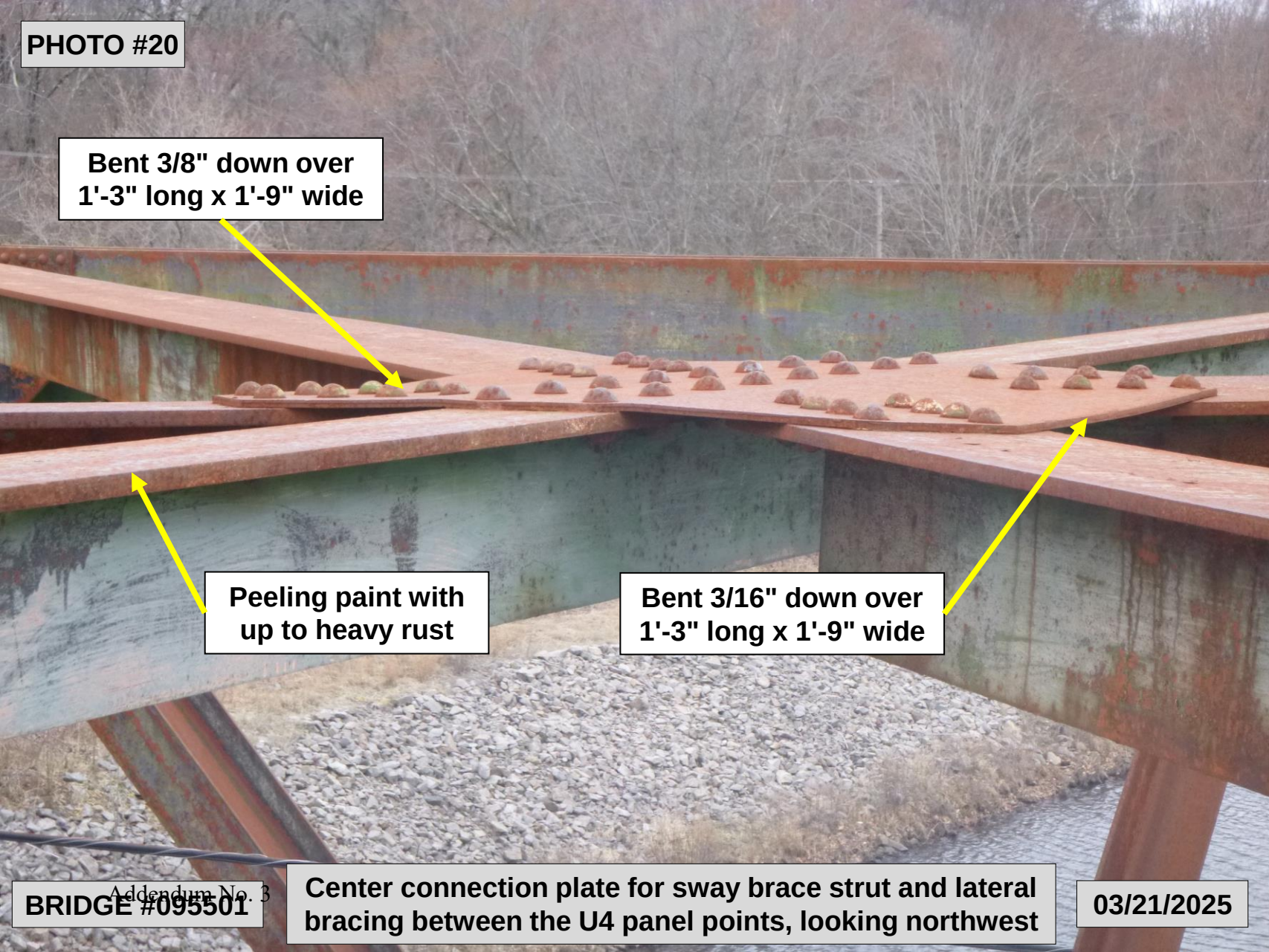


PHOTO #19
Peeling paint with up to heavy rust
3/4" thick pack rust between connection plate and lateral bracing angle
1/8" remaining x up to 5" long x full width along connection angle to floorbeam 6
Up to 8" long x 8" wide x 1/8" deep section loss
1" diameter corrosion hole
Floorbeam 6
Two (2) up to 2-1/2" diameter corrosion holes with as little as 1/8" remaining x 1" wide x full length along connection angle to south truss
Four (4) unused rivet holes
BRIDGE #095501
South truss, panel point L6, looking west
03/21/2025



BRIDGE #095501

Center connection plate for sway brace strut and lateral bracing between the U4 panel points, looking northwest

03/21/2025

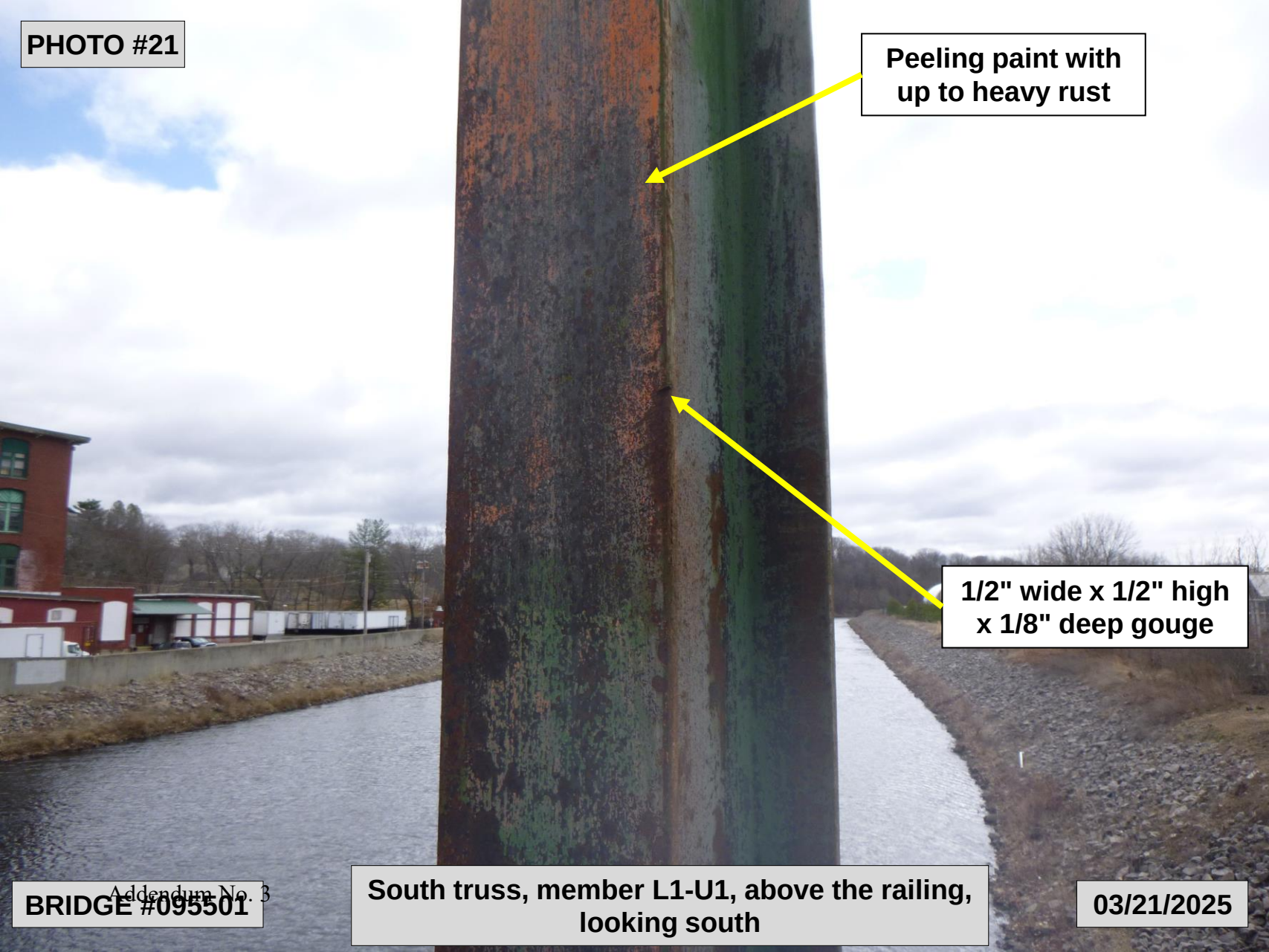


PHOTO #21
Peeling paint with up to heavy rust
1/2" wide x 1/2" high x 1/8" deep gouge
BRIDGE #095501
Addendum No. 3
South truss, member L1-U1, above the railing, looking south
03/21/2025

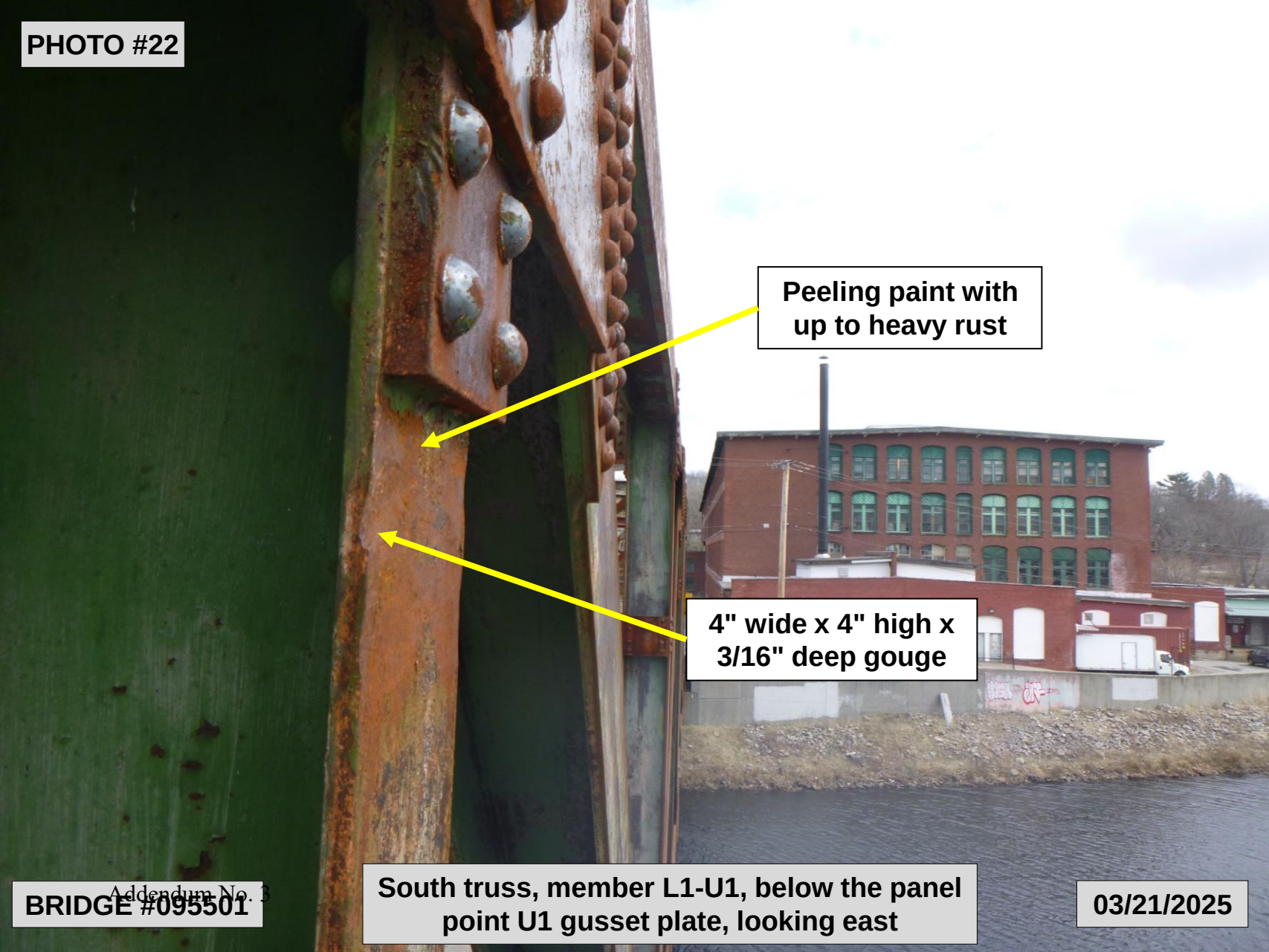


PHOTO #22
Peeling paint with up to heavy rust
4" wide x 4" high x 3/16" deep gouge
BRIDGE #095501
South truss, member L1-U1, below the panel point U1 gusset plate, looking east
03/21/2025

PHOTO #23
2" diameter x 1/16" deep section loss
Peeling paint with up to heavy rust
BRIDGE #095501
South truss, web member L7-U7, near panel point U7, looking southeast
03/21/2025

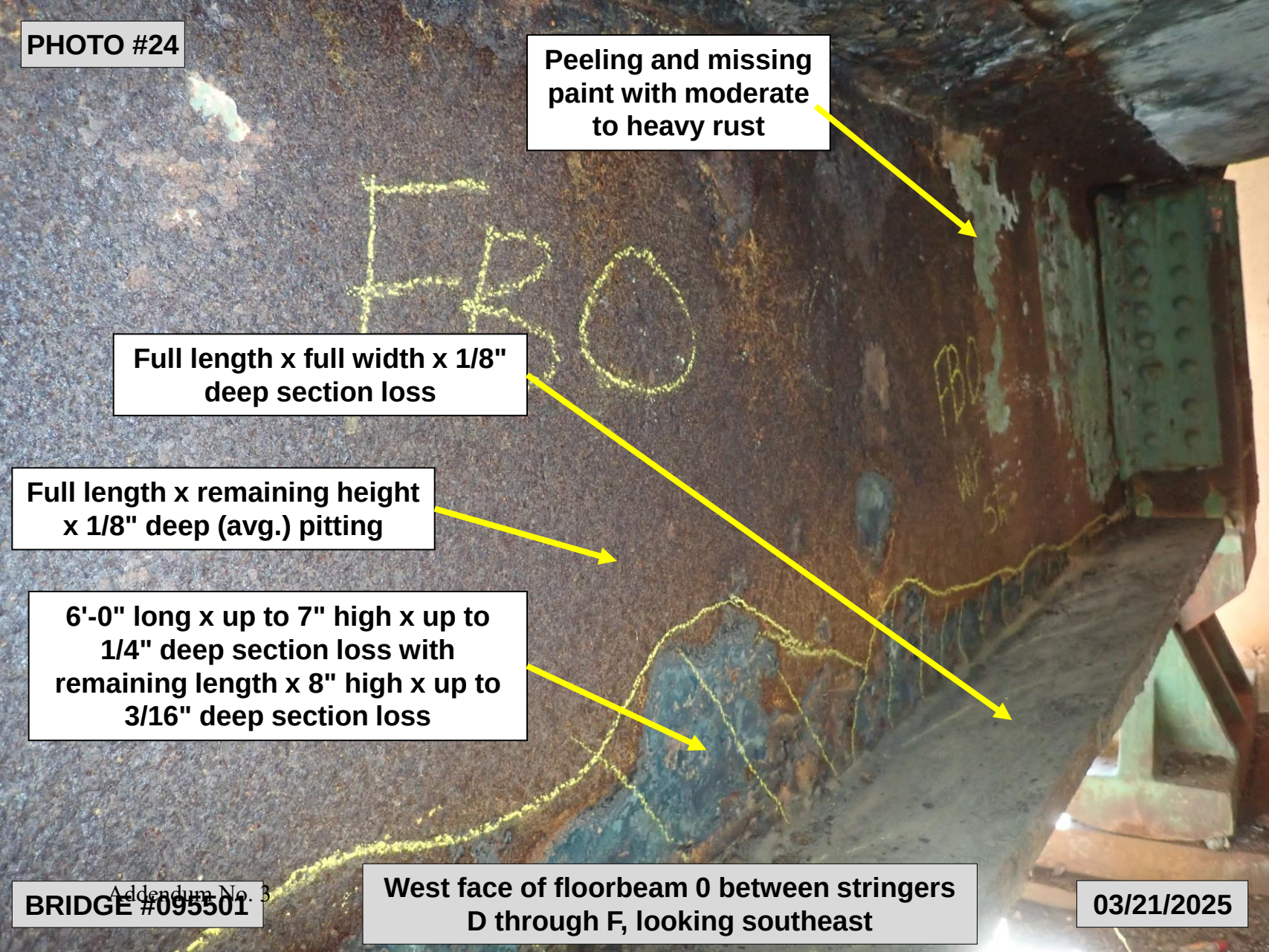


PHOTO #24
Peeling and missing paint with moderate to heavy rust
Full length x full width x 1/8" deep section loss
Full length x remaining height x 1/8" deep (avg.) pitting
6'-0" long x up to 7" high x up to 1/4" deep section loss with remaining length x 8" high x up to 3/16" deep section loss
BRIDGE #095501
West face of floorbeam 0 between stringers D through F, looking southeast
03/21/2025

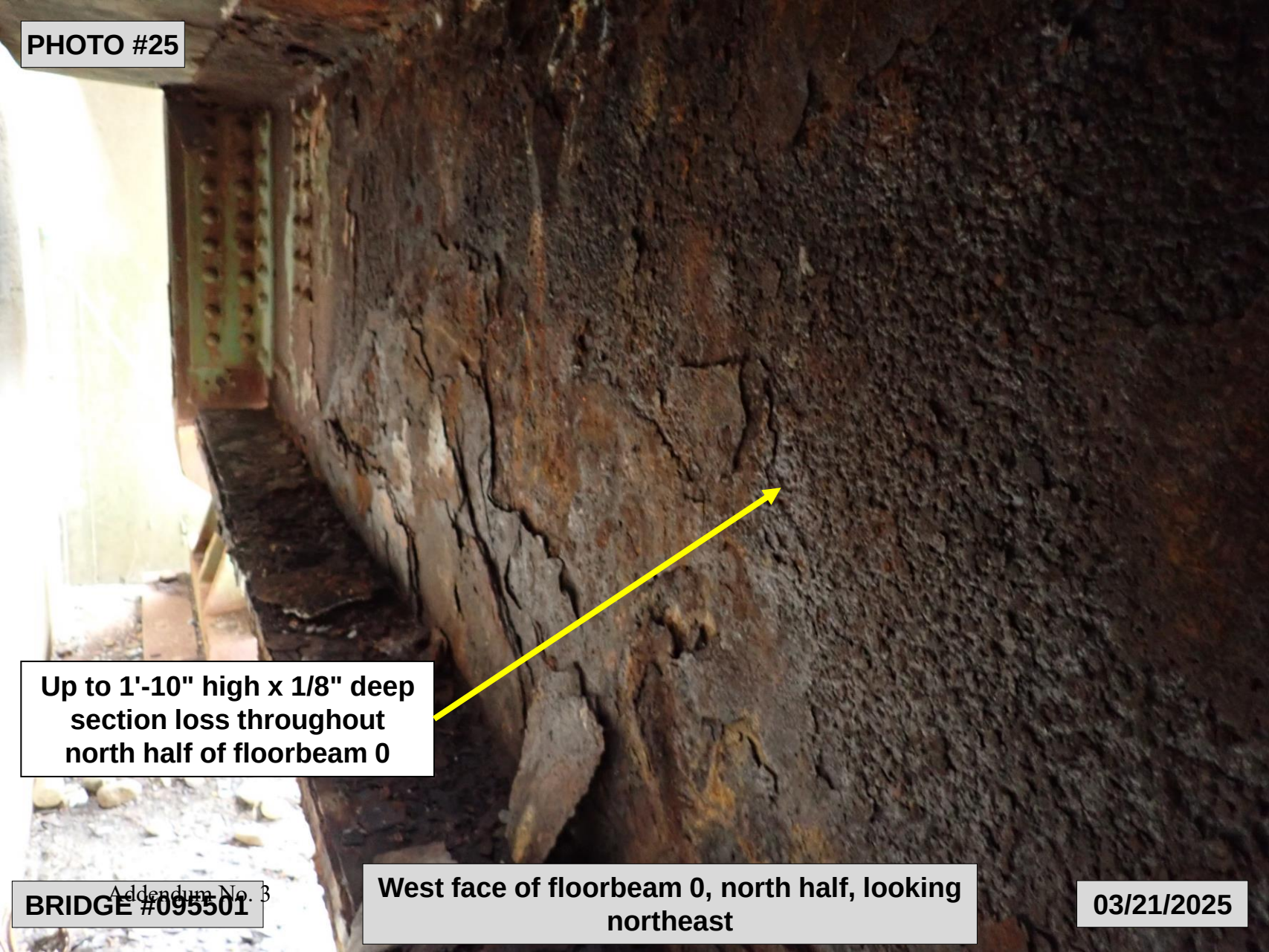


PHOTO #25
Up to 1'-10" high x 1/8" deep section loss throughout north half of floorbeam 0
BRIDGE #095501
Addendum No. 3
West face of floorbeam 0, north half, looking northeast
03/21/2025

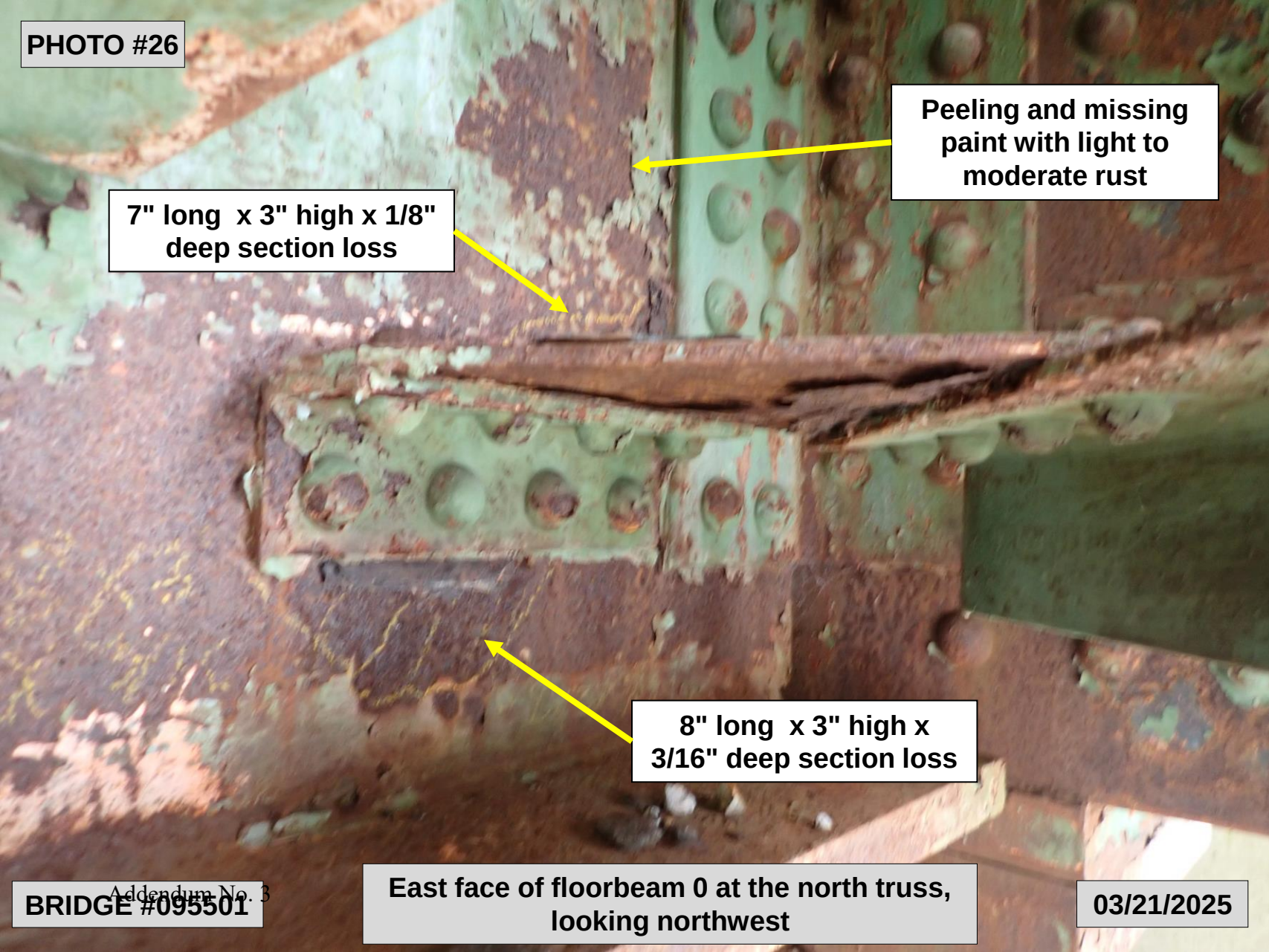
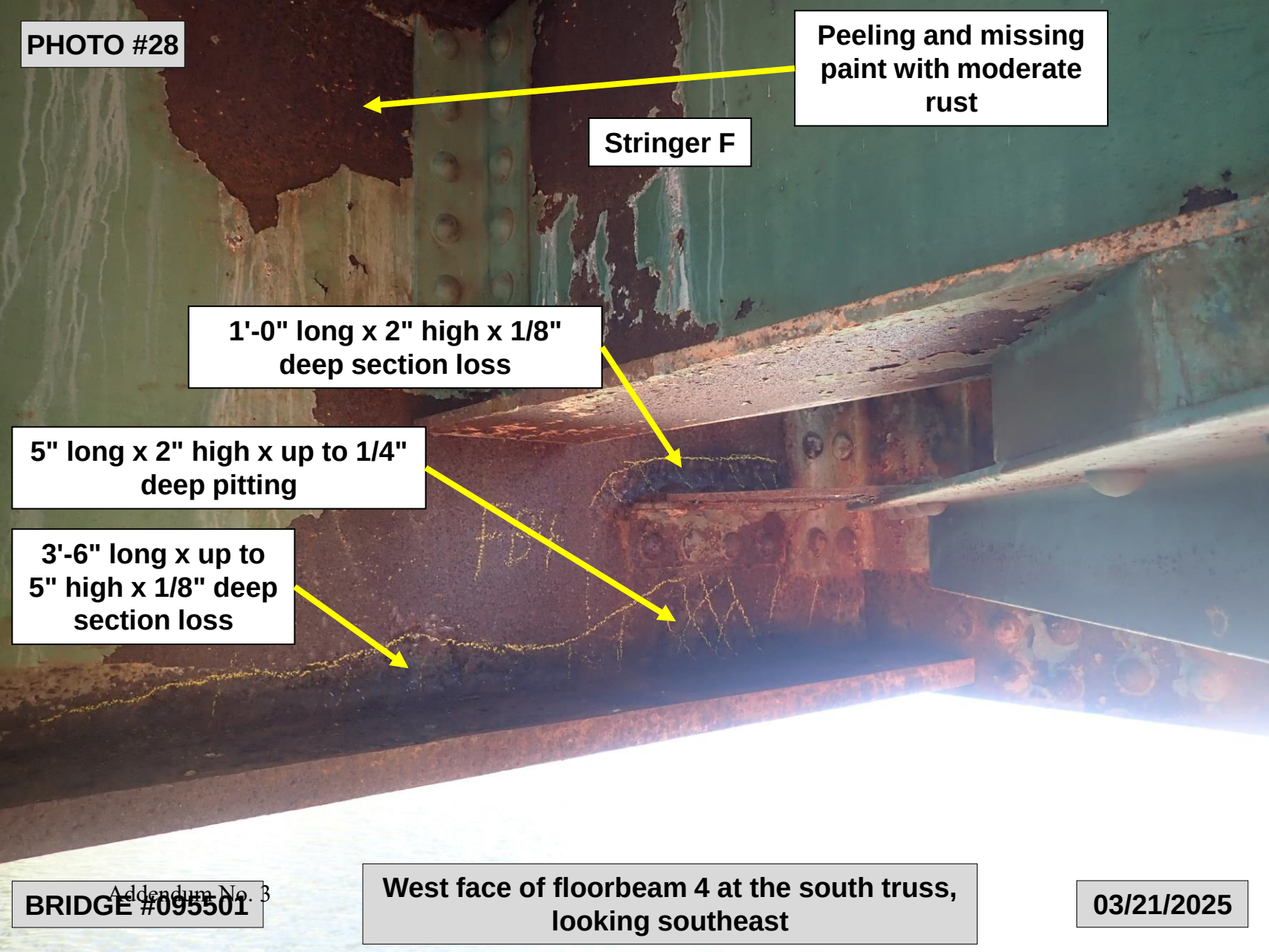


PHOTO #26
Peeling and missing paint with light to moderate rust
7" long x 3" high x 1/8" deep section loss
8" long x 3" high x 3/16" deep section loss
BRIDGE #095501
East face of floorbeam 0 at the north truss, looking northwest
03/21/2025

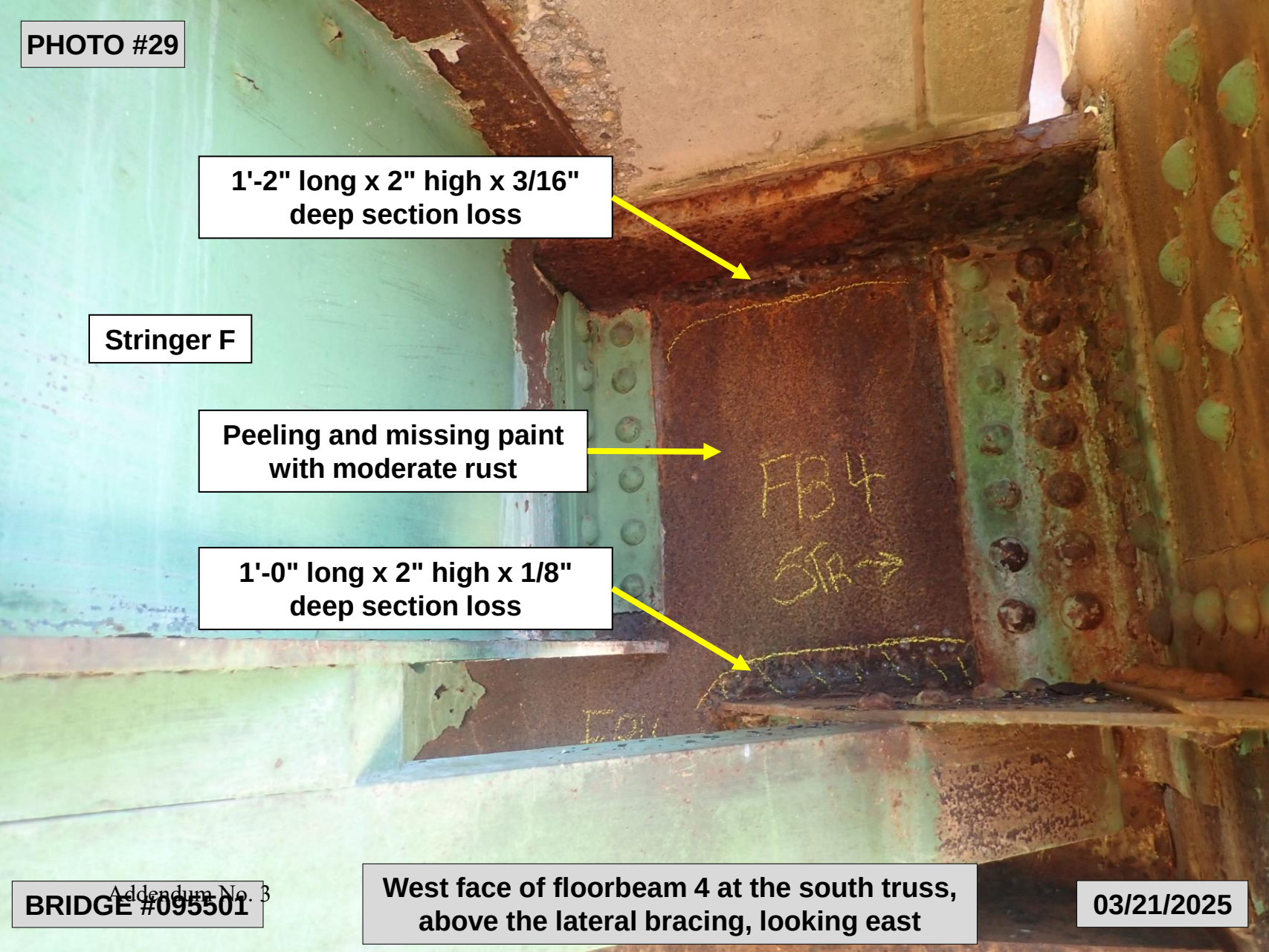
PHOTO #27
Peeling and missing paint with moderate rust
FB2
STF
2'-9" long x 1'-3" high x 1/8" deep section loss
BRIDGE #095501
Addendum No. 3
West face of floorbeam 2 at the south truss, looking east
03/21/2025



BRIDGE #095501

West face of floorbeam 4 at the south truss, looking southeast

03/21/2025



BRIDGE #095501

West face of floorbeam 4 at the south truss, above the lateral bracing, looking east

03/21/2025

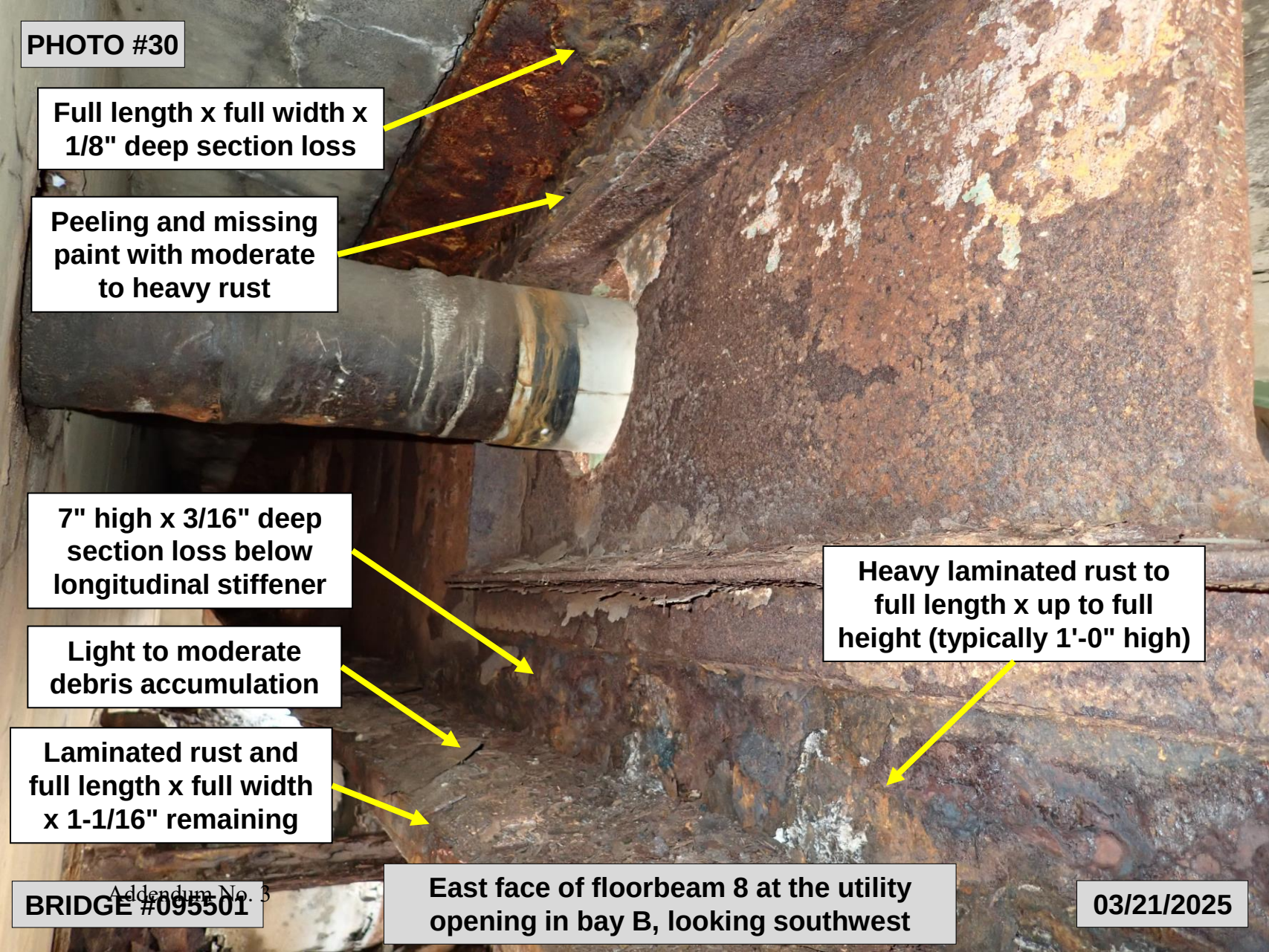


PHOTO #30
Full length x full width x 1/8" deep section loss
Peeling and missing paint with moderate to heavy rust
7" high x 3/16" deep section loss below longitudinal stiffener
Light to moderate debris accumulation
Laminated rust and full length x full width x 1-1/16" remaining
Heavy laminated rust to full length x up to full height (typically 1'-0" high)
BRIDGE #095501
East face of floorbeam 8 at the utility opening in bay B, looking southwest
03/21/2025

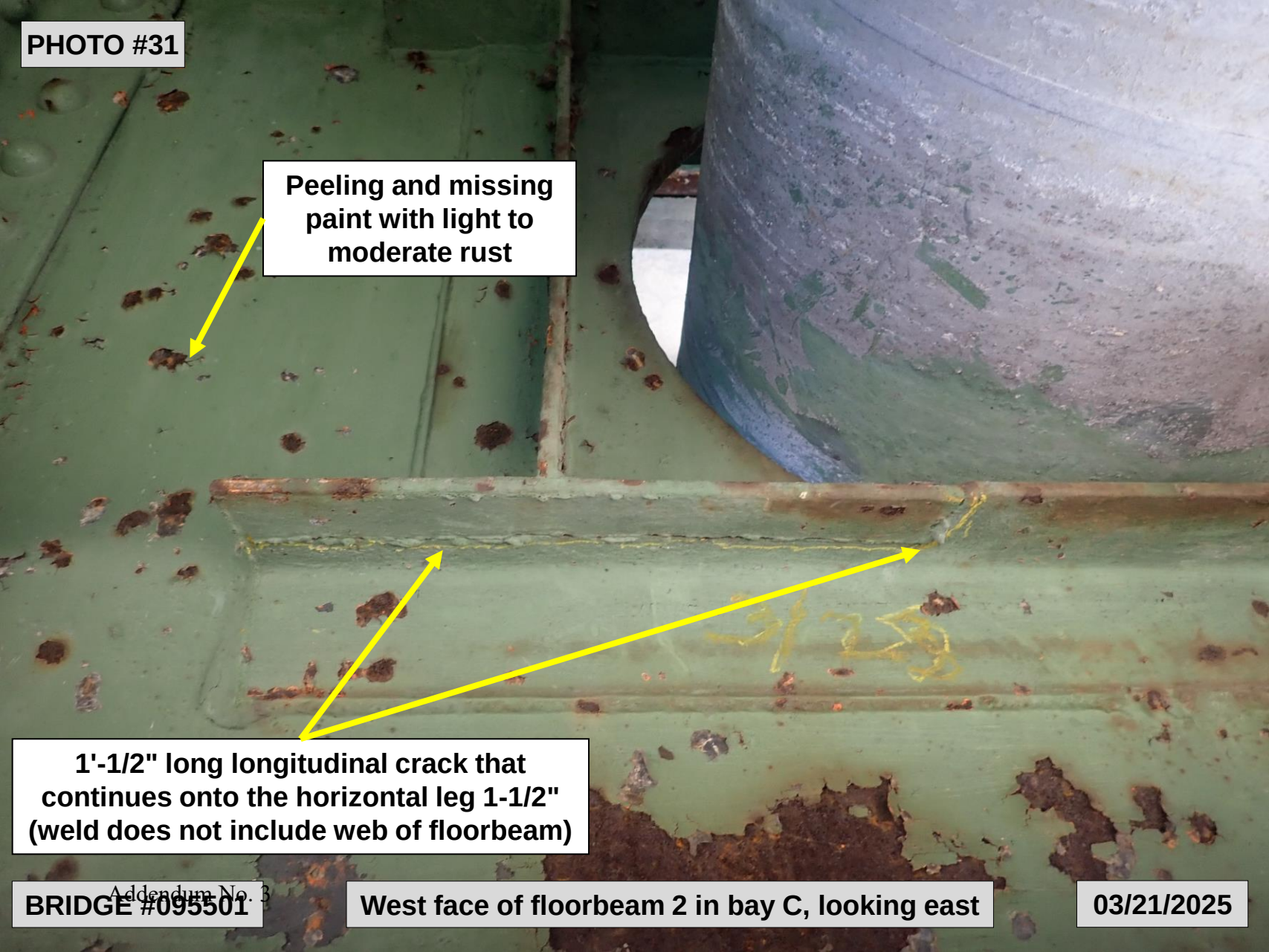


PHOTO #31
Peeling and missing paint with light to moderate rust
1'-1/2" long longitudinal crack that continues onto the horizontal leg 1-1/2" (weld does not include web of floorbeam)
BRIDGE #095501
West face of floorbeam 2 in bay C, looking east
03/21/2025

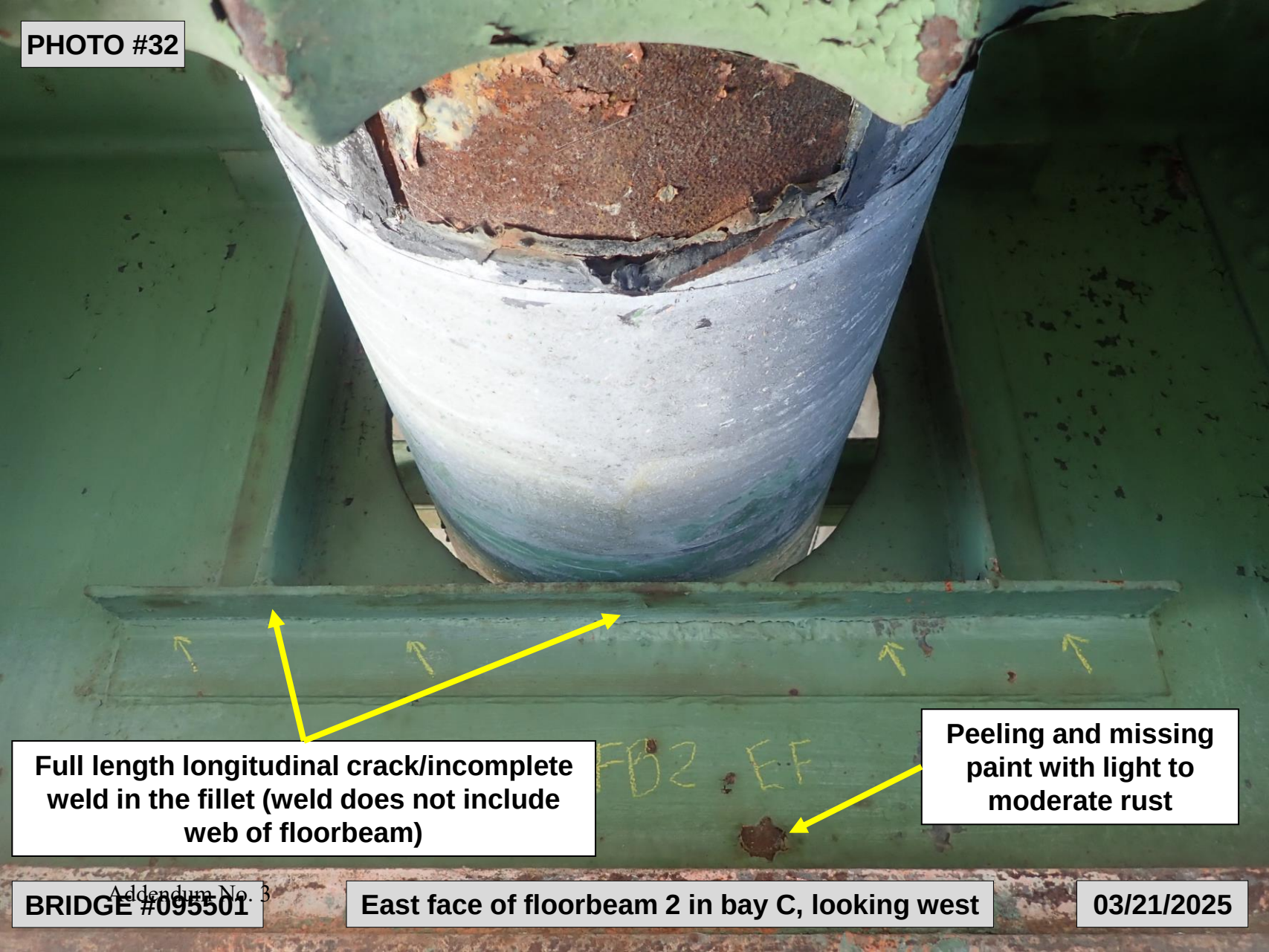


PHOTO #32
Full length longitudinal crack/incomplete weld in the fillet (weld does not include web of floorbeam)
Peeling and missing paint with light to moderate rust
FB2 . EF
BRIDGE #095501
East face of floorbeam 2 in bay C, looking west
03/21/2025

PHOTO #33
Peeling and missing paint with light to moderate rust
2'-8" long longitudinal crack in the weld with 1/2" thick pack rust
BRIDGE #095501
West face of floorbeam 7 in bay C, looking east
03/21/2025

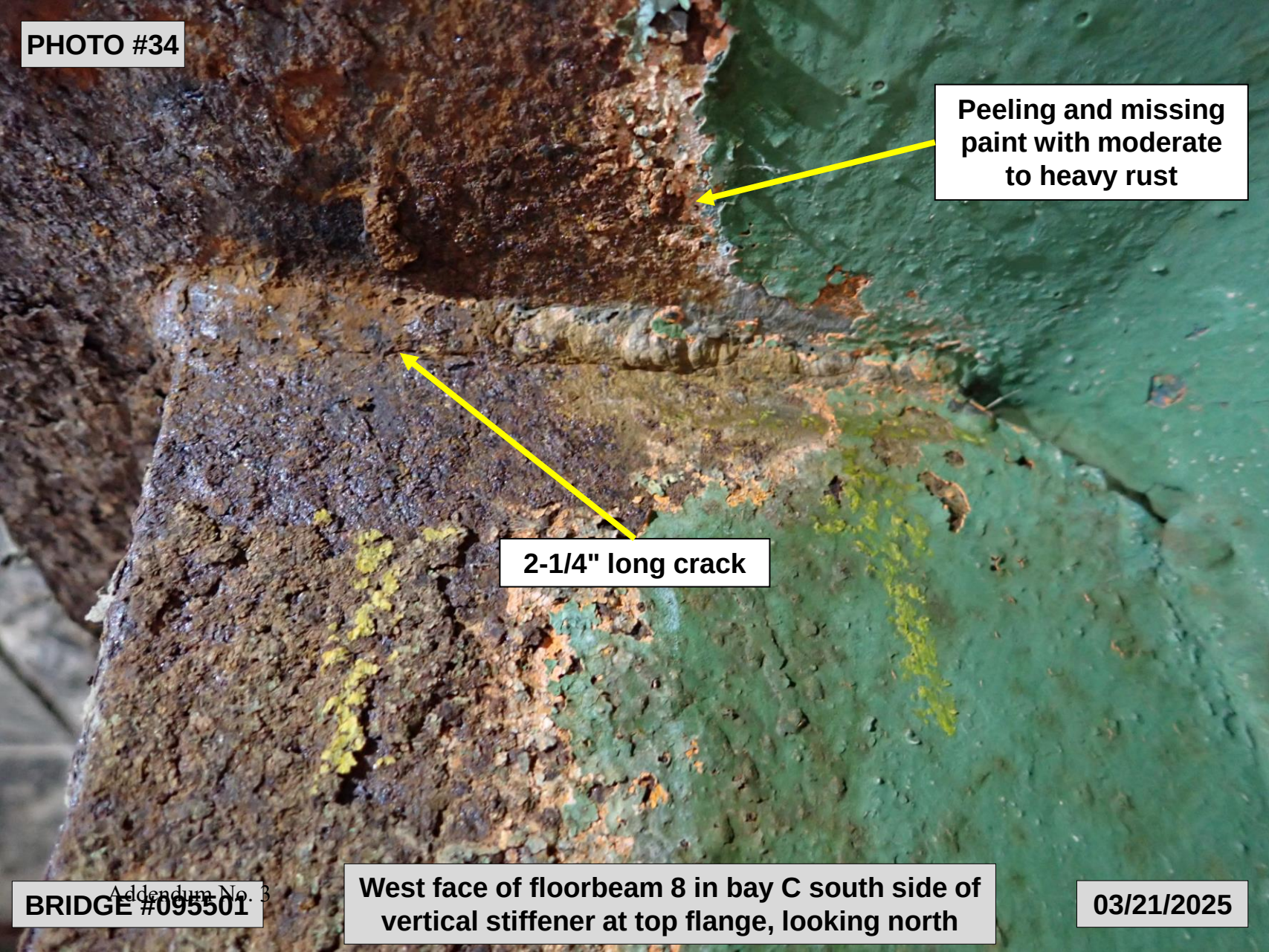


PHOTO #34
Peeling and missing paint with moderate to heavy rust
2-1/4" long crack
BRIDGE #095501
Addendum No. 3
West face of floorbeam 8 in bay C south side of vertical stiffener at top flange, looking north
03/21/2025

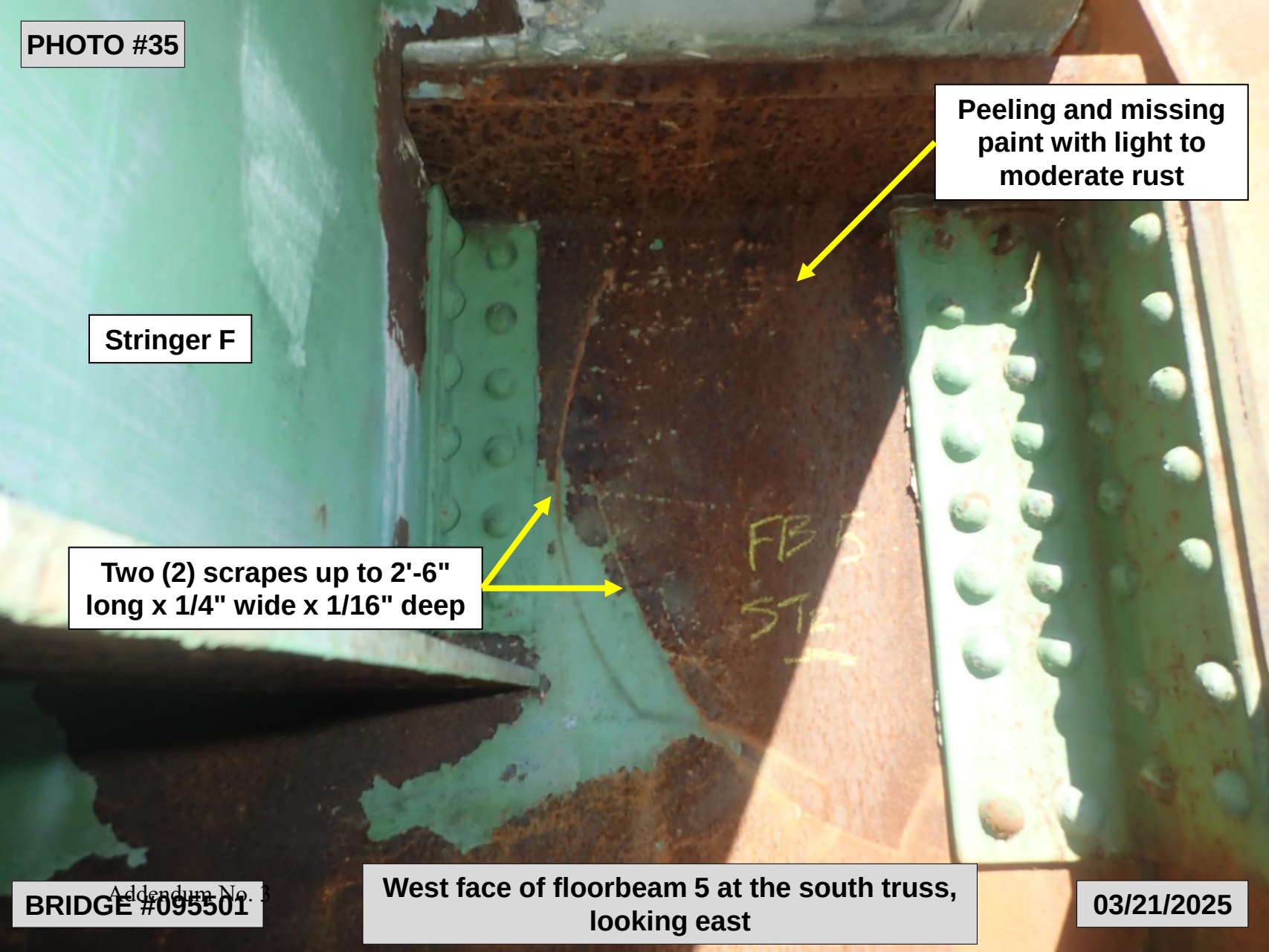


PHOTO #35
Peeling and missing paint with light to moderate rust
Stringer F
Two (2) scrapes up to 2'-6" long x 1/4" wide x 1/16" deep
FB 5
ST 2
BRIDGE #095501
Addendum No. 3
West face of floorbeam 5 at the south truss, looking east
03/21/2025

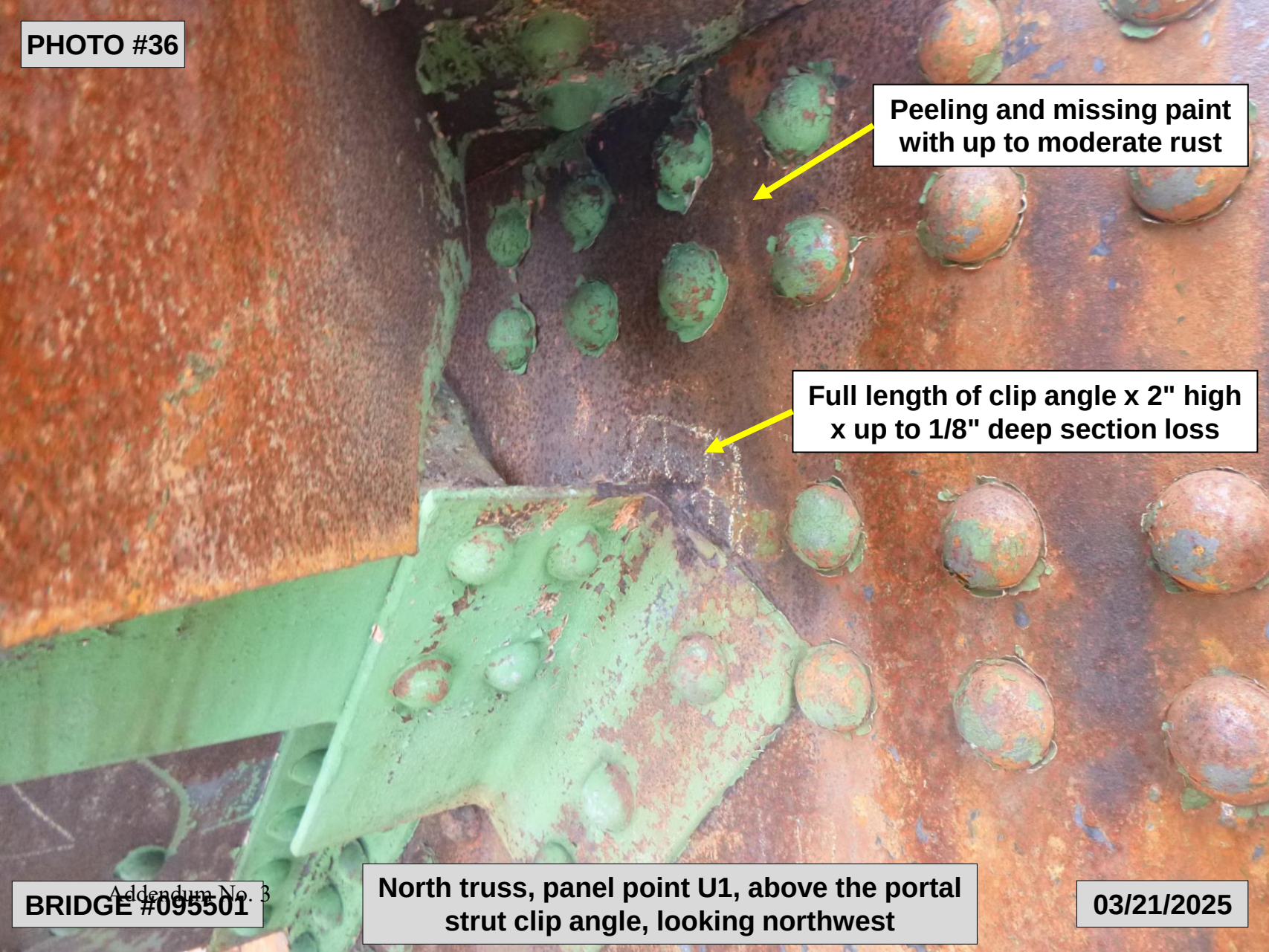


PHOTO #36
Peeling and missing paint with up to moderate rust
Full length of clip angle x 2" high x up to 1/8" deep section loss
BRIDGE #095501
Addendum No. 3
North truss, panel point U1, above the portal strut clip angle, looking northwest
03/21/2025

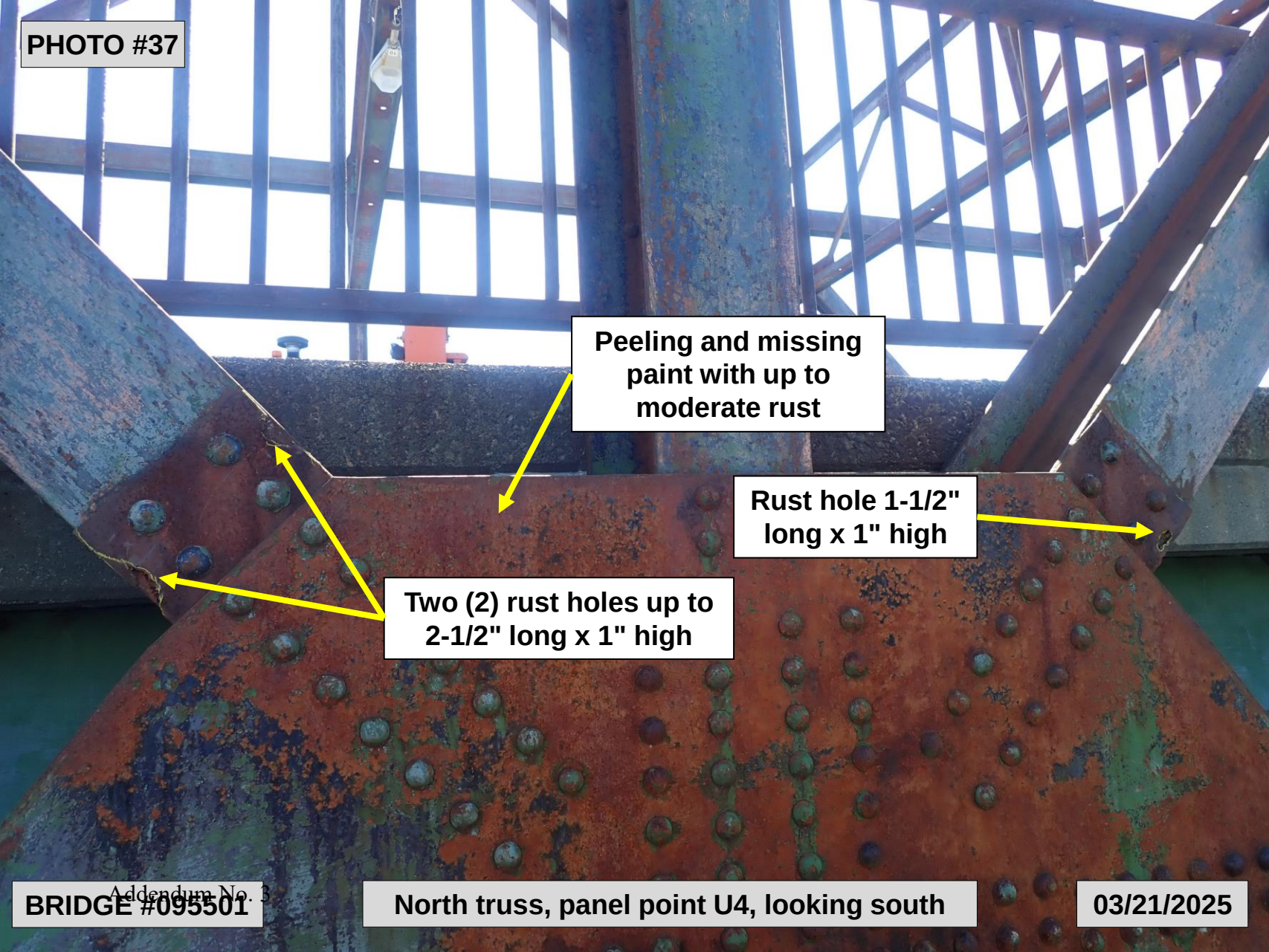


PHOTO #37
Peeling and missing paint with up to moderate rust
Rust hole 1-1/2" long x 1" high
Two (2) rust holes up to 2-1/2" long x 1" high
BRIDGE #095501
North truss, panel point U4, looking south
03/21/2025

PHOTO #38
Peeling and missing paint with up to moderate rust
Bent 1/16" due to pack rust
BRIDGE #095501
North truss, member L4-U5, at the U5 filler plate, looking east
03/21/2025

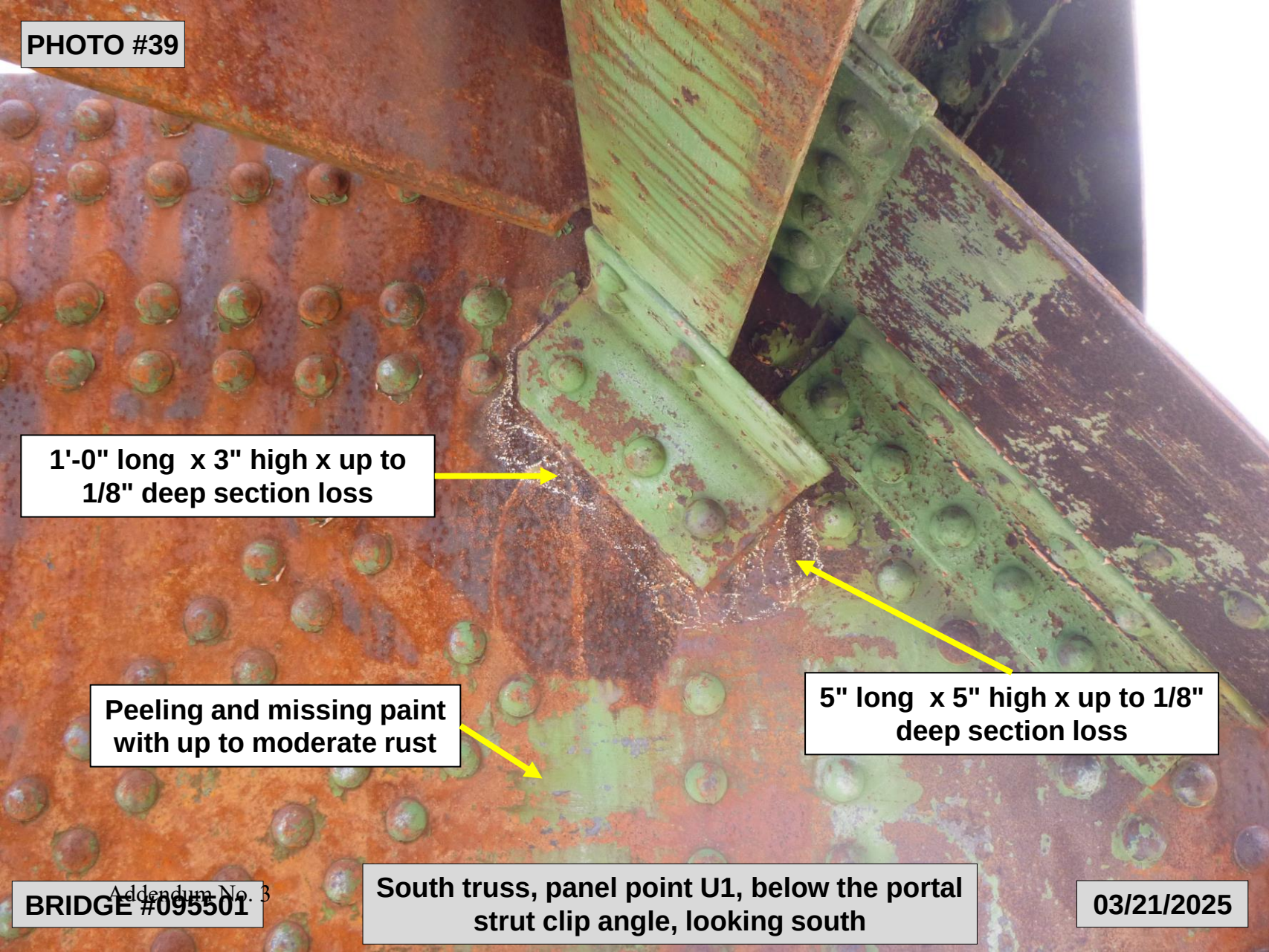
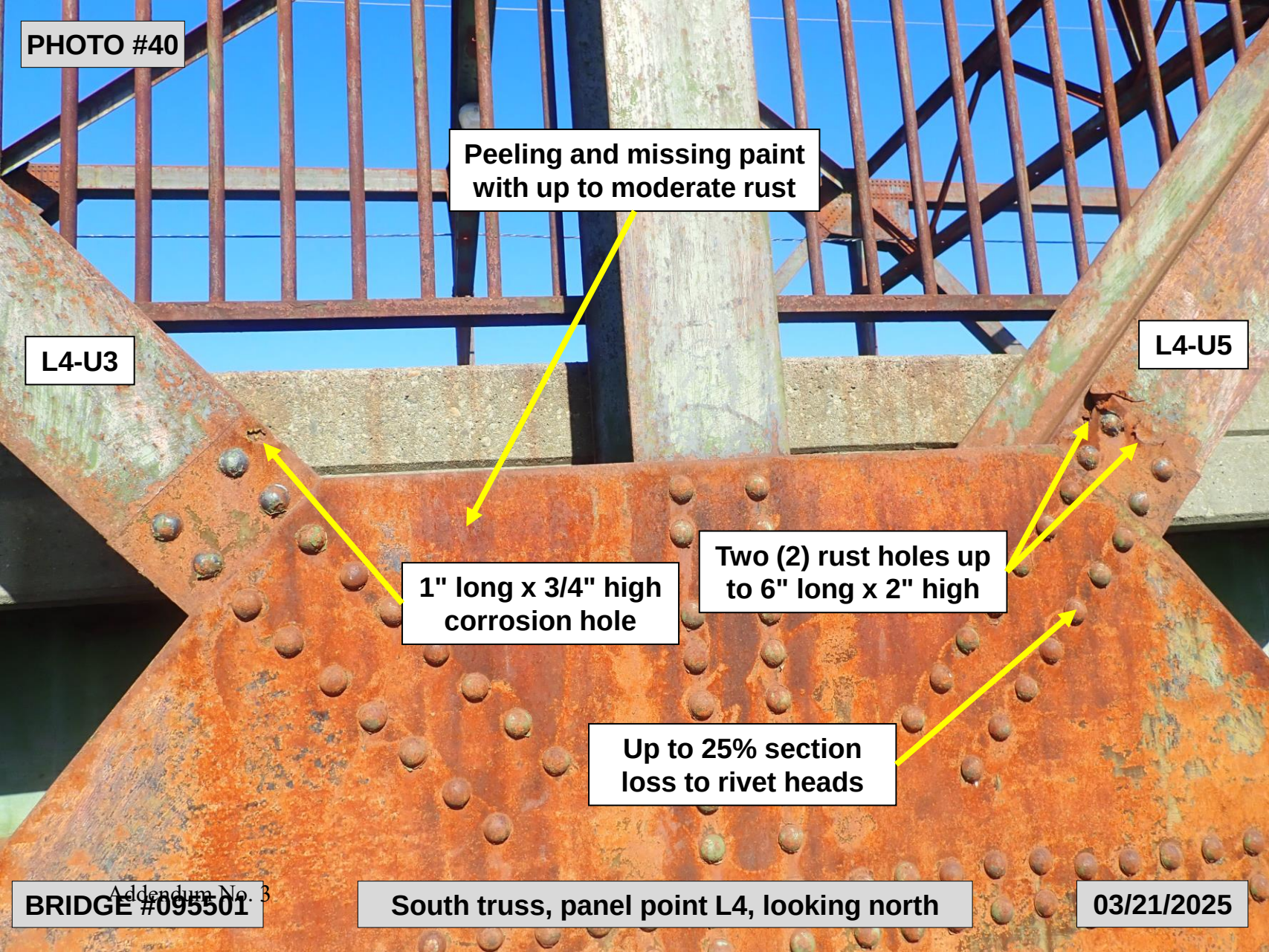


PHOTO #39
1'-0" long x 3" high x up to 1/8" deep section loss
Peeling and missing paint with up to moderate rust
5" long x 5" high x up to 1/8" deep section loss
BRIDGE #095501
South truss, panel point U1, below the portal strut clip angle, looking south
03/21/2025



BRIDGE #095501 | South truss, panel point L4, looking north | 03/21/2025

PHOTO #41
Peeling and missing paint with up to moderate rust
Bent 3/16" due to pack rust
BRIDGE #095501
South truss, member L4-U4, panel point U4, looking east
03/21/2025

PHOTO #42
Peeling and missing paint with up to moderate rust
Bent 1/4" due to pack rust
BRIDGE #095501
South truss, member L4-U5, panel point U5, looking southeast
03/21/2025

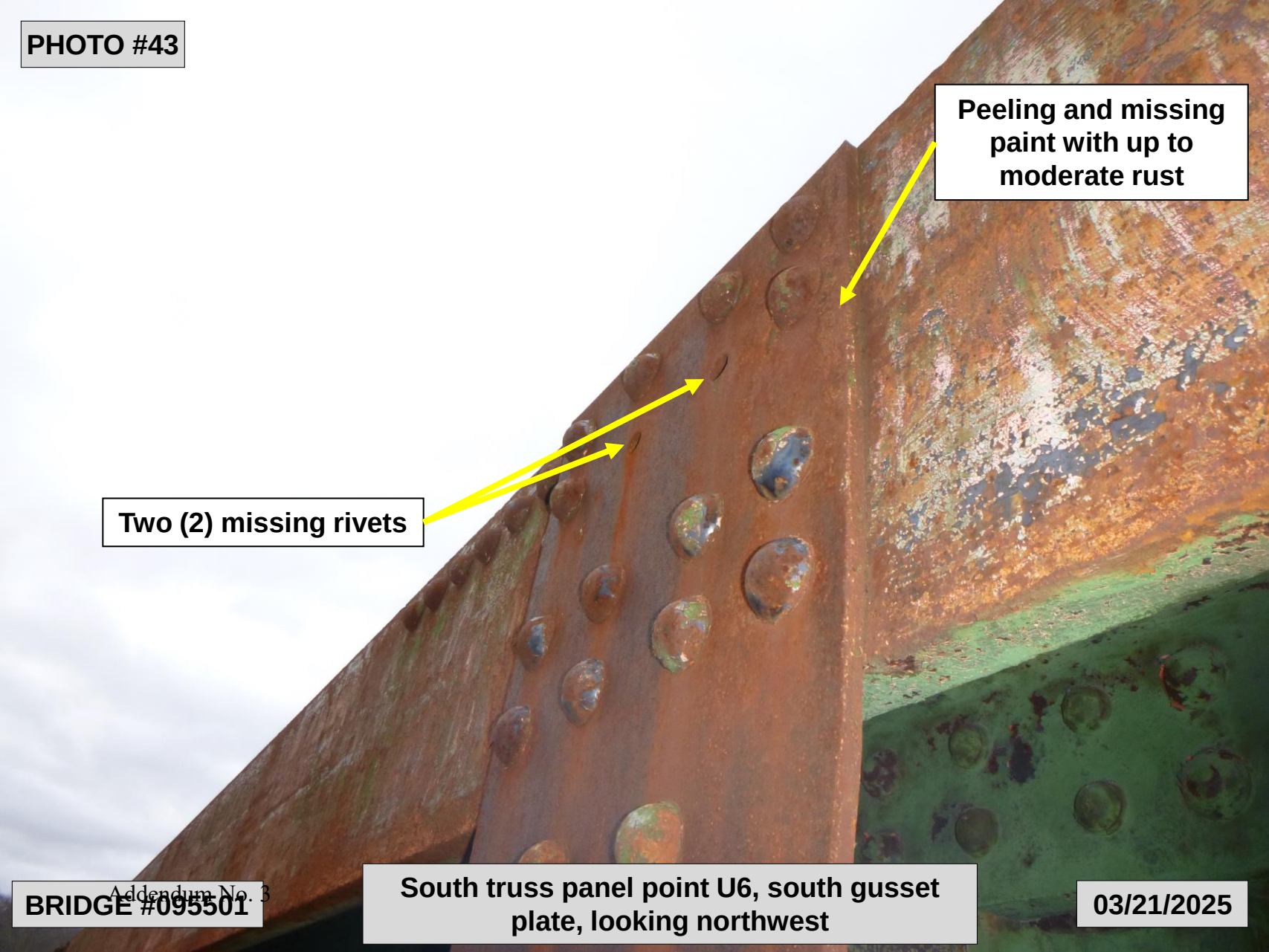


PHOTO #43
Peeling and missing paint with up to moderate rust
Two (2) missing rivets
BRIDGE #095501
South truss panel point U6, south gusset plate, looking northwest
03/21/2025

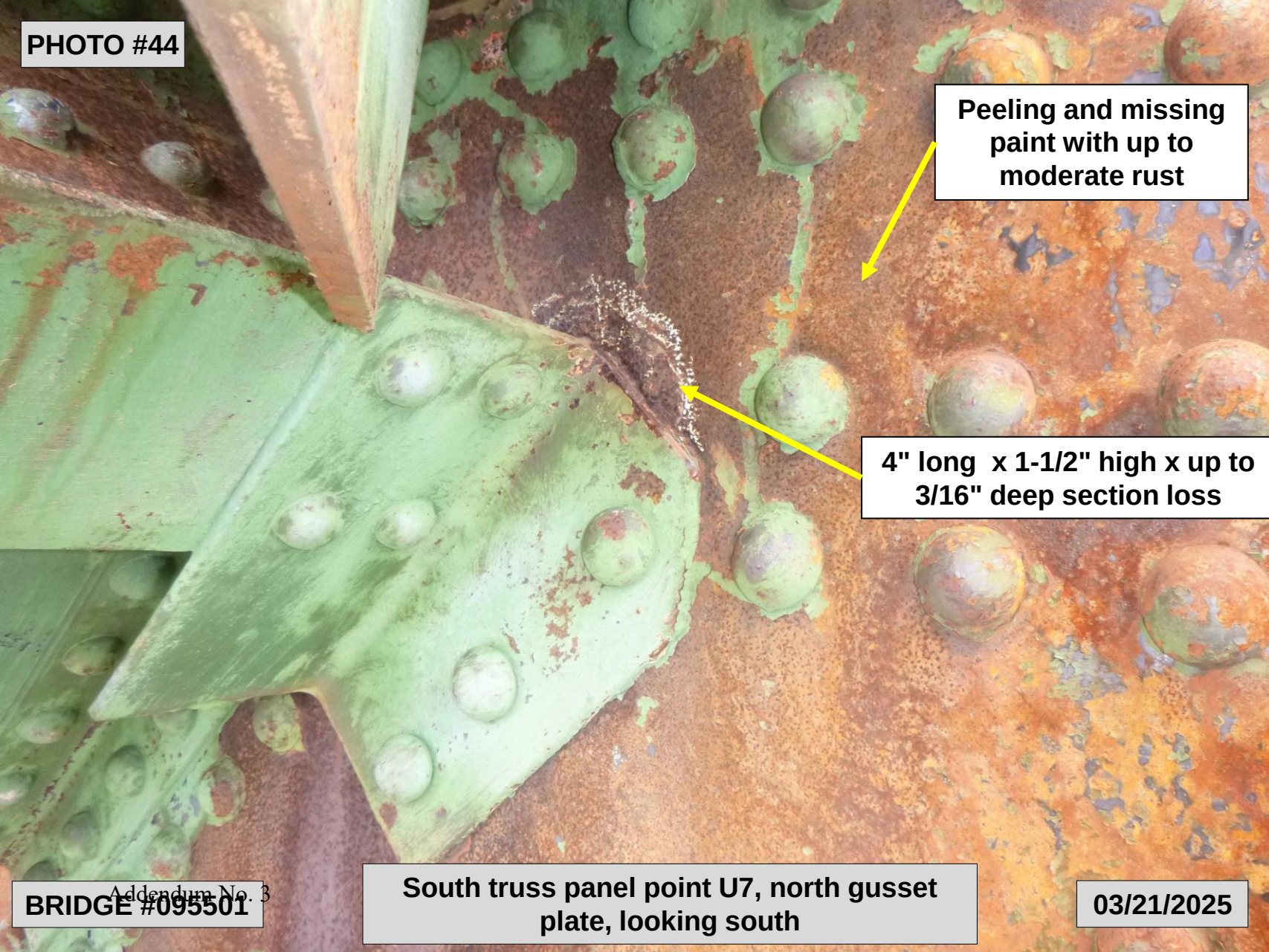


PHOTO #44
Peeling and missing paint with up to moderate rust
4" long x 1-1/2" high x up to 3/16" deep section loss
BRIDGE #095501
Addendum No. 3
South truss panel point U7, north gusset plate, looking south
03/21/2025

PHOTO #45
11" long x 1-1/2" high x up to 1/8" deep section loss
Peeling and missing paint with up to moderate rust
BRIDGE #095501
South truss panel point U7, north gusset plate, looking south
03/21/2025

The truss members typically have areas of moderate to heavy rust throughout with areas of section loss up to 1/4" deep, isolated lateral bracing connection plates having advanced corrosion with isolated holes, and isolated areas of pack rust up to 3/4" thick (Photos 9-23).

Specific deficiencies are noted below:

North Truss:

Member L0-L1:
- On the top side, the inside faces of both flanges have section loss full-length x up to 6" high x 3/16" deep. The web has section loss full-length x up to full width x 1/8" deep, and starting 3’-6” from Panel Point L0, the web has section loss 4’-0” long x full width x down to 3/8” remaining.

Panel Point L2:
- On members L1-L2 and L2-L3 on the top side, the inside faces of both flanges have section loss up to 3'-6" long x up to 4" high x up to 3/16" deep **(Photos 9 and 10)**.

Member U2-U3:
- Top chord, top side flanges along the inside faces have 2'-6" long x up to 3" high x 1/8" deep section loss at Panel Point U3.

Member L3-L4:
- On the underside at Panel Point L4, the south face of the north flange has an area of section loss 1’-6" long x 2" high x up to 1/4" deep **(Photo 11)**.

Member U3-U4:
- Top chord, top side flanges along the inside faces have 2'-5" long x up to 3" high x 1/16" deep section loss that extends full width across the web at Panel Point U3 **(Photo 12)**.

Panel Point L4:
- At members L3-L4 and L4-L5 on the top side, the inside faces of both flanges have section loss up to 3'-0” long x up to 2" high x up to 1/8" deep and the web has pitting up to 3’-0” long x full width x 1/16” deep.

Member U5-U6:
- Top chord, top side flanges along the inside faces have 7" long x up to 2-1/2" high x 1/16" deep section loss at Panel Point U5 **(Photo 13)**.

Panel Point L6:
- On members L5-L6 on the top side, the inside faces of both flanges have section loss up to 3'-0” long x up to 5" high x up to 3/16" deep **(Photo 14)**.
- On member L6-L7 on the top side, the inside faces of both flanges have section loss up to 3'-0” long x up to 5" high x up to 1/8" deep.

Member L7-L8:
- On the top side, the inside faces of both flanges have section loss full-length x up to 6" high x up to 1/8" deep, and the web has pitting full-length x up to full width x 1/8" deep.

South Truss:

Panel Point L0:
- Bottom lateral bracing connecting the south truss to Floorbeam 0 has 1/8" deep section loss on the underside.

Member L0-L1:
- On the top side, the inside faces of both flanges have section loss full-length x up to 4" high x 1/8" deep, and the web has section loss full-length x up to full width x 1/8" deep **(Photo 15)**.

Member L1-L2:
- On the underside, the north face of the south flange has section loss 1'-4" long x 7" high x up to 1/8" deep at Panel Point L2.
- On the top side, the inside faces of both flanges have pitting full-length x up to 5" high x 1/16" deep which extends up to full width across the web.

Panel Point L2:
- On the top side, the inside faces of both flanges have section loss 3'-0" long x up to 5" high x 1/8" deep.
- Bottom lateral bracing connecting the south truss to the west face of Floorbeam 2 has section loss 3" long x 4" wide x down to knife-edge remaining along the clip angle with a 1/2" diameter corrosion hole.

Member L2-L3:
- On the underside, the inside faces of both flanges have section loss 1'-4" long x 7" high x up to 1/8" deep at Panel Point L2.
- On the top side, the inside faces of both flanges have section loss full-length x up to 4" high x up to 1/8" deep, and the web has section loss full-length x up to full width x up to 1/8" deep.

Member L3-L4:
- On the top side, the inside faces of both flanges have section loss full-length x up to 4" high x up to 1/8" deep, and the web has section loss full-length x up to full width x up to 1/8" deep **(Photo 16)**.

Member U3-U4:
- Top chord, top side flanges along the inside faces have 1'-9" long x 2-1/2" high x 1/16" deep pitting at Panel Point U3.

Member L4-L5:
- On the top side, the inside faces of both flanges have section loss full-length x up to 4" high x 1/8" deep, and the web has section loss full-length x up to full width x 1/8" deep.

Member U4-U5:
- Top chord, top side flanges along the inside faces have 1'-7" long x 2" high x 1/8" deep section loss at Panel Point U5 **(Photo 17)**.
Member L5-L6:
- On the top side, the inside faces of both flanges have section loss full-length x up to 4" high x up to 1/8" deep.

Member U5-U6:
- At Panel Point U5, top chord, top side flanges along the inside faces have 1'-4" long x 2" high x 3/16" deep section loss and the top side web has 3" long x 5" wide x 1/8" deep section loss **(Photo 18)**.
- Top chord, top side flanges along the inside faces have 2'-0" long x up to 4" high x 1/8" deep section loss at Panel Point U6.

Panel Point L6:
- Bottom lateral bracing connection plate at the south truss to Floorbeam 6 connection has three (3) corrosion holes up to 2-1/2" diameter with as little as 1/8" remaining x 1" wide x full length along connection angle to south truss. The underside has section loss up to 8" long x 8" wide x 1/8" deep with 3/4" thick pack rust between the connection plate and lateral bracing angle. Additionally, there is 1/8" remaining x up to 5" long x full width along connection angle to floorbeam 6 **(Photo 19)**.

Member L6-L7:
- On the top side, the inside faces of both flanges have section loss full-length x up to 5" high x up to 1/8" deep, and the web has section loss full-length x up to full width x up to 1/8" deep.

Member L7-U7:
- On the north face of the south flange (west leg), there are two (2) areas of section loss 2" diameter x 1/16" deep near Panel Point U7 **(Photo 23)**.

Member L7-L8:
- On the top side, the inside faces of both flanges have section loss full-length x 4" high x up to 1/8" deep, and the web has section loss full-length x up to full width x up to 1/8" deep.

Panel Point L8:
- Bottom lateral bracing connection plate at the south truss to Floorbeam 7 connection has section loss up to 9" long x 9" wide with as little as 3/16" average remaining.

Sway and Portal Bracing:

- Lower sway bracing top side flanges along the base of the connection angles have up to 1" wide x 1" high x 1/4" deep section loss. Also, the top side webs have 1" diameter x 1/8" deep pitting.

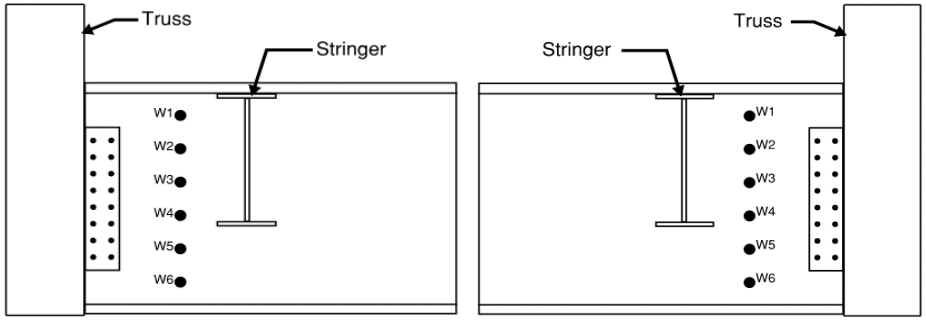
- Panel Points U1 and U7 upper sway bracing top side webs and flanges at the connection to the trusses have up to full height x 1/8" deep pitting and 50% rivet head section loss.
- Panel Points U1 and U7 upper sway bracing connection plates at the trusses have random areas of pitting up to 1/8" deep.

FLOORBEAM SECTION LOSS DOCUMENTATION

Bridge # **095501** Inspection Date: 3/21/2025 Girder Type: 36WFx300 with cov. plates

Girder Properties: Original dimension (in inches)

d_w:	33.36	Height of Web, excluding t_f
t_w:	0.945	Thick of Web
b_f:	16.7	Bottom Flange Width
t_f:	1.68	Flange Thickness
k:	2.813	fillet size
N:	0	Bearing Length
W_{stiff}	0	Width of Stiffener
T_{stiff}=	0.00	Thickness of Stiffener



FLOORBEAM END ELEVATION

Web Area:	31.53	= d_w x t_w (in^2)
L_b:	14.07	= N + 2(2.5k), Effective Bearing Length (in)
W_b	13.29	= L_b x tw, Web Bearing Area (in^2)
S_b	0.0	= W_{stiff} x T_{stiff} x 2, Stiffener Bearing Area (in^2)
S_{b1}	0.0	= W_{stiff} x T_{stiff}, Stiffener Bearing Area, one plate (in^2)
Ag:	13.29	= Wb + Sb, Gross Bearing Area (in^2)

INSTRUCTION AND NOTES

1. Describe the location and length of losses represented by the sections shown for each row (i.e. Span #1: Floorbeam "1" at/near North Truss)
2. Enter remaing section of the web at 6 equidistant locations as shown in the sketches above.
3. Revisions marked in red

* k value for rolled shapes, t_f for plated girders and average flange thickness for S shapes and slopped flanges

1 3/21/25 - Transystems | CRS/PWN/RSR/TAS	2
3	4

SHEAR LOSS CALCULATIONS

Floorbeam "0" near North Truss

	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.82	0.82	0.82	0.82	0.76	0.82	0.810	27.008		
							Total Shear Loss		14.3	%

Floorbeam "0" near South Truss

	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.88	0.88	0.88	0.82	0.70	0.70	0.810	27.008		
							Total Shear Loss		14.3	%

Floorbeam "1" near North Truss

	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.95	0.95	0.945	31.525		
							Total Shear Loss		0.0	%

Floorbeam "1" near South Truss

	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.95	0.95	0.945	31.525		
							Total Shear Loss		0.0	%

Floorbeam "2" near North Truss

	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.95	0.82	0.924	30.830		
							Total Shear Loss		2.2	%

Floorbeam "2" near South Truss

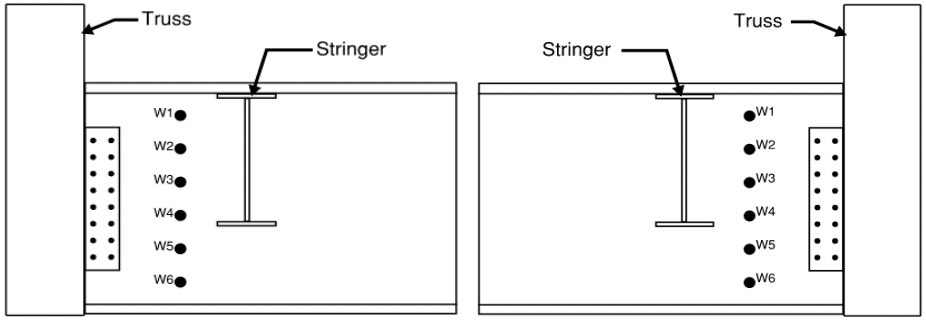
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.82	0.82	0.82	0.883	29.440		
							Total Shear Loss		6.6	%

FLOORBEAM SECTION LOSS DOCUMENTATION

Bridge # **095501** Inspection Date: 3/21/2025 Girder Type: 36WFx300 with cov. plates

Girder Properties: Original dimension (in inches)

d_w:	33.36	Height of Web, excluding t_f
t_w:	0.945	Thick of Web
b_f:	16.7	Bottom Flange Width
t_f:	1.68	Flange Thickness
k:	2.813	fillet size
N:	0	Bearing Length
W_{stiff}	0	Width of Stiffener
T_{stiff}=	0.00	Thickness of Stiffener



FLOORBEAM END ELEVATION

Web Area:	31.53	= d_w x t_w (in^2)
L_b:	14.07	= N + 2(2.5k), Effective Bearing Length (in)
W_b	13.29	= L_b x tw, Web Bearing Area (in^2)
S_b	0.0	= W_{stiff} x T_{stiff} x 2, Stiffener Bearing Area (in^2)
S_{b1}	0.0	= W_{stiff} x $T_{stiff,}$ Stiffener Bearing Area, one plate (in^2)
Ag:	13.29	= Wb + Sb, Gross Bearing Area (in^2)

INSTRUCTION AND NOTES

1. Describe the location and length of losses represented by the sections shown for each row (i.e. Span #1: Floorbeam "1" at/near North Truss)
2. Enter remaing section of the web at 6 equidistant locations as shown in the sketches above.
3. Revisions marked in red

* k value for rolled shapes, t_f for plated girders and average flange thickness for S shapes and slopped flanges

Floorbeam "3" near North Truss

	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.95	0.95	0.945	31.525		
							Total Shear Loss	0.0	%	

Floorbeam "3" near South Truss

	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.82	0.76	0.893	29.788		
							Total Shear Loss	5.5	%	

Floorbeam "4" near North Truss

	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.95	0.95	0.945	31.525		
							Total Shear Loss	0.0	%	

Floorbeam "4" near South Truss

	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.76	0.95	0.95	0.82	0.82	0.82	0.851	28.398		
							Total Shear Loss	9.9	%	

Floorbeam "5" near North Truss

	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.95	0.95	0.945	31.525		
							Total Shear Loss	0.0	%	

Floorbeam "5" near South Truss

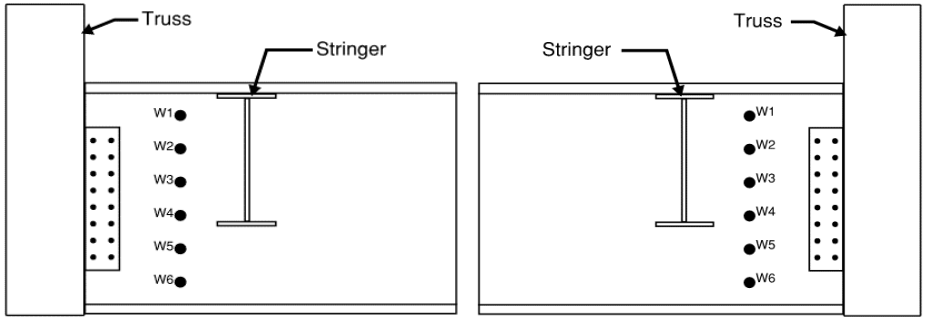
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.95	0.95	0.945	31.525		
							Total Shear Loss	0.0	%	

FLOORBEAM SECTION LOSS DOCUMENTATION

Bridge # **095501** Inspection Date: 3/21/2025 Girder Type: 36WFx300 with cov. plates

Girder Properties: Original dimension (in inches)

d_w:	33.36	Height of Web, excluding t_f
t_w:	0.945	Thick of Web
b_f:	16.7	Bottom Flange Width
t_f:	1.68	Flange Thickness
k:	2.813	fillet size
N:	0	Bearing Length
W_{stiff}	0	Width of Stiffener
T_{stiff}=	0.00	Thickness of Stiffener



FLOORBEAM END ELEVATION

Web Area:	31.53	= d_w x t_w (in^2)
L_b:	14.07	= N + 2(2.5k), Effective Bearing Length (in)
W_b	13.29	= L_b x tw, Web Bearing Area (in^2)
S_b	0.0	= W_{stiff} x T_{stiff} x 2, Stiffener Bearing Area (in^2)
S_{b1}	0.0	= W_{stiff} x $T_{stiff,}$ Stiffener Bearing Area, one plate (in^2)
Ag:	13.29	= Wb + Sb, Gross Bearing Area (in^2)

INSTRUCTION AND NOTES

1. Describe the location and length of losses represented by the sections shown for each row (i.e. Span #1: Floorbeam "1" at/near North Truss)
2. Enter remaing section of the web at 6 equidistant locations as shown in the sketches above.
3. Revisions marked in red

* k value for rolled shapes, t_f for plated girders and average flange thickness for S shapes and slopped flanges

Floorbeam "6" near North Truss										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.82	0.95	0.924	30.830		
							Total Shear Loss	2.2	%	

Floorbeam "6" near South Truss below Stringer "G"										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.82	0.95	0.95	0.924	30.830		
							Total Shear Loss	2.2	%	

Floorbeam "7" near North Truss										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.95	0.95	0.945	31.525		
							Total Shear Loss	0.0	%	

Floorbeam "7" near South Truss										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.95	0.95	0.945	31.525		
							Total Shear Loss	0.0	%	

Floorbeam "8" near North Truss										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.95	0.95	0.945	31.525		
							Total Shear Loss	0.0	%	

Floorbeam "8" near South Truss										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.82	0.95	0.95	0.76	0.893	29.788		
							Total Shear Loss	5.5	%	

Inspection Report for Structure 095601

NSTM, Routine, Special Inspections by St Sauveur of Transystems

Database: Serenity Version: 7.0

03/10/2025 - River Street

Summary Sheet

Summary Location

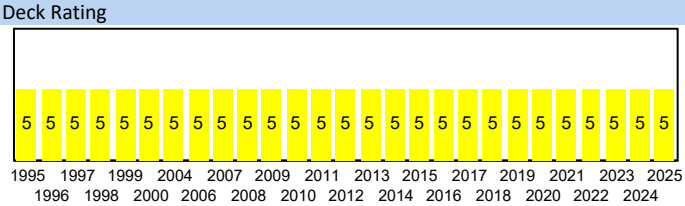
Bridge Number (B.ID.01):	000000000009560	Agency Bridge ID:	095601
Bridge Name (B.ID.02):	River Street	Commonly Called:	RIVER ST OVER BLACKSTONE RIVER
Report Bridge to FHWA:	R NBI: Y	Report Elements to FHWA:	R
Owner (B.CL.01):	L03 City or municipal highway agency	Maintenance Responsibility (B.CL.02):	L03 City or municipal highway agency
District:	District 1		

Summary Condition

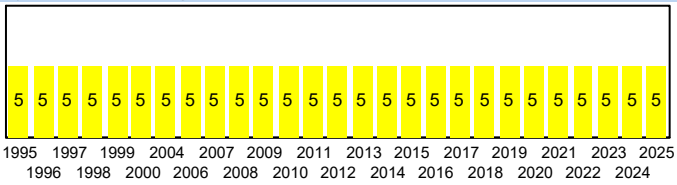
Structure Overall	Deck	Super	Sub	Culvert
5	5	5	6	N
	Railing	Transition	Bearing	Joints
	5	5	6	6

Condition History Graph

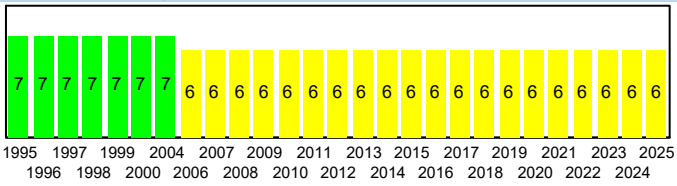
Deck Rating



Superstructure Rating



Substructure Rating



Addendum No. 3

Required Inspections Schedule

Inspection Type	Required for Bridge	Inspection Being Performed (B.IE.01)	Inspector	Most Recent Inspection Date	Interval Method (B.IE.07)	Interval (months) (B.IE.05)	Inspection Due Date (B.IE.06)	Inspection Assignment Name	Inspection Assignment Group
NSTM	R	R	St Sauveur, Corey	3/10/2025	1 Method 1	12	3/10/2026	FC2 2025	TranSystems
Routine	R	R	St Sauveur, Corey	3/10/2025	1 Method 1	12	3/10/2026	FC2 2025	TranSystems
Special	R	R	St Sauveur, Corey	3/10/2025	1 Method 1	12	3/10/2026	FC2 2025	TranSystems

Bridge Data

Identification data

Bridge Number (B.ID.01):	000000000009560	Agency Bridge ID:	095601
Bridge Name (B.ID.02):	River Street	Bridge Nickname:	RIVER ST OVER BLACKSTONE RIVER
Bridge Status:	3 Active	Bridge Lifecycle Phase:	1 Service
Report Bridge to FHWA:	R	Report Elements to FHWA:	R
NBI Bridge:	Y		

Bridge notes:

Orientation: The single span through truss bridge is logged from West to East with a North and South truss, Stringers A through G labeled from North to South, and Floorbeam 1 through Floorbeam 10 labeled from West to East. The Blackstone River flows from North to South below the structure, which is consistent with the previous inspection report.

Equipment Used: Bucket truck, Snooper, Safety Boat, and Ladder
Crash Truck Used: Yes
Traffic Control Used: Yes
Police Detail Used: Yes

Access Notes: Power lines aer present along the north truss web members above the deck. Deployment of the UBIU is possible only from the south side of the bridge.

Past Bridge ID (B.ID.03):		Future Bride ID:	

Location data

State Code (B.L.01):	44 Rhode Island	County Code (B.L.02):	Providence
Place Code (B.L.03):	80780	Highway Agency District (B.L.04):	District 1
Metro Planning Org 1 (B.L.12):	N	Metro Planning Org 2 (B.L.12):	N
Bridge Location (B.L.11):	0.3 Mile South of Massachusetts Line		

Border data

Designated Lead State (B.L.10):		Border Bridge Number (B.L.07):	
Border State or Country (B.L.08):		Border Insp. Responsibility (B.L.09)	1

Classification data

Owner (B.CL.01):	L03 City or municipal highway agency	Maintenance Responsibility (B.CL.02):	L03 City or municipal highwa
Federal or Tribal Land Access (B.CL.03):	N	Historical Significance (B.CL.04):	2 Bridge is eligible for the Nat
Toll (B.CL.05):	N Does not carry toll road and is not toll bridge	Emergency Evacuation Designation (B.CL.06):	N Not an Emergency evacuat

Construction data

Year Built (B.W.01):	1959		
Design Load (B.LR.01):	HS-20	Design Method (B.LR.02):	

Geometry data

NBIS Bridge Length (B.G.01):	208.00	Total Bridge Length (B.G.02):	208.00
Maximum Span Length (B.G.03):	200.00	Minimum Span Length (B.G.04):	200.00
Bridge Width Out-to-Out (B.G.05):	53.80	Bridge Width Curb-to-Curb (B.G.06):	40.00
Left Curb or Sidealk Width (B.G.07):	5.00	Right Curb or Sidewalk Widgth (B.G.08):	5.00
Approach Roadway Width (B.G.09):	40.00	Bridge Median (B.G.10):	0 No median
Skew (B.G.11):	26	Curved Bridge (B.G.12):	N Not curved
Maximum Bridge Height (B.G.13):	16	Sidehill Bridge (B.G.14):	N Not a sidehill bridge
Irregular Deck Area (B.G.15):		Calculated Deck Area (B.G.16):	11,190.

Appraisal data

Approach Roadway Alignment (B.AP.01):	F Fair	Overtopping Likelihood (B.AP.02):	1 Remote - once every 100 years or
Scour Vulnerability (B.AP.03):	A Stable for scour	Scour Plan of Action (B.AP.04):	0 A scour POA is not required.
Seismic Vulnerability (B.AP.05):	N Does not require seismic eval	Storm Surge	£

Railings and Transitions

Railings (B.RH.01):	I0-T	Transitions (B.RH.02):	I0-T

Design Data

Superstructure set data

M01 - Superstructure Set 3 - 109 - Type: M Main

Number of Spans (B.SP.02):	1	Number of Beam Lines (B.SP.03):	2
Span Material (B.SP.04):	S04 Steel - riveted shapes	Span Continuity (B.SP.05):	1 Simple or single span
Span Type (B.SP.06):	T02 Truss - through	Span Protective System (B.SP.07):	C01 Coating - paint
Deck Interaction (B.SP.08):	NC Non-composite	Deck Material & Type (B.SP.09):	C01 Reinforced concrete - cast-in-place
Wearing Surface (B.SP.10):	B01 Bituminous (asphalt)	Deck Protective System (B.SP.11):	MU Membrane - unknown
Deck Reinforcing Protective System (B.SP.12):	0 None	Deck Stay-in-Place Forms (B.SP.13):	0 None

Substructure set data

A01 - Abutment - Type: A Abutment

Number of Sub Units (B.SB.02):	2	Substructure Material (B.SB.03):	C01 Reinforced concrete - cast-in-place
Substructure Type (B.SB.04):	A01 Abutment - cantilever/wall	Substructure Protective System (B.SB.05):	0 None
Foundation Type (B.SB.06):	F01 Footing - not on rock	Foundation Protective System (B.SB.07):	0 None

Structure Units

Unit Number	Name	Superstructure Set	Substructure Set
0	0		
1	2		

Feature Data

River Street

Feature Name (B.F.03):	River Street	Feature Type (B.F.01):	H Highway
Feature Location (B.F.02):	C	Reported to FHWA:	R

Route Information

Designation (B.RT.01)	Route Number (B.RT.02)	Route Direction (B.RT.03)	Route Type (B.RT.04)	Service Type (B.RT.05)
R01	0	EW Eastbound and Westboun	5 City street	X Other

Highway Information

LRS Route ID (B.H.06):	40113950A00	LRS Data as of Date:	
LRS Mile Point (B.H.07):	0.639	Lanes on Highway (B.H.08):	2
Functional Classification (B.H.01):	6 Minor Collector	Urban Code (B.H.02):	T-U
NHS Designation (B.H.03):	N Non-NHS	National Highway Freight Network (B.H.04):	N Not on the NHFN
STRAHNET Designation (B.H.05):	N Not a STRAHNET route		

AADT

AADT (B.H.09):	4,458	Future AADT:	4,904
ADTT (B.H.10):	312	Future ADTT:	
Year of AADT (B.H.11):	2,021	Future Year:	2,041
Percent Truck Traffic:	7.00	Directional Percentage:	

Clearances

Highway Maximum Usable Vertical Clearance (B.H.12):	14.90	Highway Minimum Vertical Clearance (B.H.13):	14.90
Highway Minimum Horizontal Clearance, Left (B.H.14):		Highway Minimum Horizontal Clearance, Right (B.H.15):	
Highway Maximum Usable Surface Width (B.H.16):	40.00		

User Costs

Route Speed:	25	Bypass Detour Length (B.H.17)::	1
Bypass Average Speed:	0	Lanes on Bypass:	

BLACKSTONE RIVER

Feature Name (B.F.03):	BLACKSTONE RIVER	Feature Type (B.F.01):	W Waterway
Feature Location (B.F.02):	B	Reported to FHWA:	R

Waterway Details

Navigable Waterway (B.N.01):	N Not navigable waters	Navigation Minimum Vertical Clearance (B.N.02):	
Movable Bridge Maximum Navigation Vertical Clearance (B.N.03):		Navigable Channel Width (B.N.04):	
Navigation Channel Minimum Horizontal Clearance (B.N.05):		Substructure Navigation Protection (B.N.06):	

River Street North and South Sidewall

Feature Name (B.F.03):	River Street North and South Sidewalk	Feature Type (B.F.01):	P Pathway
Feature Location (B.F.02):	C	Reported to FHWA:	R

Inspection Data

Inspection Condition

Deck (B.C.01):	5 Fair	Superstructure (B..C.02):	5 Fair
Substructure (B.C.03):	6 Satisfactory	Culvert (B.C.04):	N Not Applicable
Bridge Condition Classification (B.C.12):	F Fair	Lowest Condition Rating (B.C.13):	5
Railing (B.C.05):	5 Fair	Railing Transition (B.C.06):	5 Fair
Bearing (B.C.07):	6 Satisfactory	Joints (B.C.08):	6 Satisfactory

Other Condition Ratings

Channel (B.C.09):	7 Good	Channel Protection (B.C.10):	7 Good
Scour (B.C.11):	7 Some minor scour	NSTM Inspection Condition (B.C.14):	5 Fair
Underwater Inspection (B.C.15):			

Appraisal

Approach Roadway Alignment (B.AP.01):	F Fair	Overtopping Liklihood (B.AP.02):	1 Remote - once every 100 years or less frequently
Scour Vulnerability (B.AP.03):	A Stable for scour	Scour Plan of Action (B.AP.04):	0 A scour POA is not required.
Seismic Vulnerability (B.AP.05):	N Does not require seismic eval		
SB/WB Avg Curb Reveal:	7.42	NB/EB Avg Curb Reveal:	8.00

Inspection Notes

Narrative of Inspection Elements (B.IE.11): Full Routine Inspection.

Agency Inspection Notes:

Routine Inspection by TranSystems Corporation
Inspection Date: 03/10/2025 and 03/12/2025
Team Leader: Corey St. Sauveur, P.E. (TSC), Paul Nagle (TSC)
Staff Inspector: Thomas Schneider (TSC), Tom Fayomi (TSC), Richard Roberts (TSC)
Weather: Clear, 50 degrees Fahrenheit and Clear, 50 degrees Fahrenheit

The structure overall condition is 5. The condition ratings for the Deck (B.C.01), Superstructure (B.C.02), Substructure (B.C.03), and Channel (B.C.09) were found to be (5 - Fair), (5 - Fair), (6 - Satisfactory), and (7 - Good). The condition ratings remain unchanged since the previous inspection.

FREQUENCY: The inspection due date was previously moved up due to a request by RIDOT.

DEFLECTION AND VIBRATION: There was heavy deflection and vibration noted at the time of this inspection under heavy live loads.

MINIMUM VERTICAL CLEARANCE: The minimum vertical clearance over the bridge was measured as 14.92' (14'-11") along the centerline of the roadway to the lower sway brace members at each panel point and the bridge is posted for an underclearance of 14'-9" (Photos 89 and 90). The minimum vertical clearance signs do not meet current RIDOT standards, previously a BI-016 form was submitted, however, the posting signs are 2" under the actual clearance so posting signs are not required to be replaced.

UTILITIES: There is a 16" in diameter utility pipe with 2” of insulation in Bay C and a 12" in diameter utility pipe in Bay D (Photo 10). The utility pipe in Bay C exhibits missing insulation in isolated areas. There is 100% section loss to the utility support at Abutment #1 in Bay C. There is a broken support hanger between the utility pipe between Floorbeams 1 and 2 in Bay C. There is broken utility support between Floorbeams 2 and 3 in Bay C (Photo 11). A utility support in Bay C between Floorbeams 3 and 4 is loose and exhibits heavy vibration under live load. There is a missing utility support plate in Bay C between Floorbeams 8 and 9. In Bay D, there are scattered corroded supports and a broken support hanger between Floorbeams 1 and 2. There is an abandoned utility conduit along the North truss from panel point U5 to U7 that exhibits heavy vibration under live load (Photo 12). The utility wires that run along the North Truss hang low to the ground with the lowest clearance being 8'-0" over the sidewalk (Photo 9). The wires are in contact with various bridge members and limit hands-on access to some areas of the North Truss.

LIGHTS: There are no lighting fixtures attached to the bridge.

CHANNEL PROTECTION: The channel embankments exhibit light vegetation growth. There are exposed piles from a previous structure within the channel.

Birds and Bats

Bats Observered:	No	Bats Notes:
Bats Visual:	£	
Bats Sounds:	£	
Bats Photos:	£	
Bats Staining:	£	
Bats Droppings:	£	
Birds Observered:	No	Birds Notes:
Birds Specied Ident:	£	
Birds Photos:	£	

Element Detail

Structure Unit: 0

		Env.	Total Quantity	Unit	CS1		CS2		CS3		CS4	
12	Re Concrete Deck	Mod	95,701	**sq.ft**	92,986	97%	2,485	3%	230	0%	0	0%
510	Wearing Surfaces		8,320		8,253	99%	47	1%	20	0%	0	0%
3210	Del/Spall/Patch/Pot(Wear Surf)		47		0	0%	47	100%	0	0%	0	0%
3220	Crack (Wearing Surface)		20		0	0%	0	0%	20	100%	0	0%
1080	Delamination/Spall/Patched Area		231		0	0%	223	97%	8	3%	0	0%
1090	Exposed Rebar		363		0	0%	161	44%	202	56%	0	0%
1120	Efflorescence/Rust Staining		420		0	0%	420	100%	0	0%	0	0%
1130	Cracking (RC and Other)		420		0	0%	420	100%	0	0%	0	0%
1190	Abrasion(PSC/RC)		4		0	0%	4	100%	0	0%	0	0%
113	Steel Stringer	Mod	1,415	**ft**	1,193	84%	212	15%	10	1%	0	0%
515	Steel Protective Coating		7,121		2,374	33%	1,397	20%	1,000	14%	2,350	33%
3420	Peel/Bub/Crack(Stl Protect Coat)		4,747		0	0%	1,397	29%	1,000	21%	2,350	50%
1000	Corrosion		233		12	5%	212	91%	9	4%	0	0%
1020	Connection		1		0	0%	0	0%	1	100%	0	0%
120	Steel Truss	Mod	402	**ft**	23	6%	240	60%	138	34%	1	0%
515	Steel Protective Coating		11,826		2,956	25%	0	0%	0	0%	8,870	75%
3420	Peel/Bub/Crack(Stl Protect Coat)		8,870		2,218	25%	0	0%	0	0%	6,653	75%
1000	Corrosion		218		0	0%	200	92%	18	8%	0	0%
1010	Cracking		1		0	0%	0	0%	1	100%	0	0%
1900	Distortion		80		0	0%	20	25%	60	75%	0	0%
7000	Damage		80		0	0%	20	25%	59	74%	1	1%
152	Steel Floor Beam	Mod	518	**ft**	155	30%	236	46%	108	21%	19	4%
515	Steel Protective Coating		6,045		4,095	68%	0	0%	0	0%	1,950	32%
3420	Peel/Bub/Crack(Stl Protect Coat)		1,950		195	10%	0	0%	0	0%	1,755	90%
1000	Corrosion		251		0	0%	125	50%	107	43%	19	8%
1010	Cracking		2		0	0%	1	50%	1	50%	0	0%
1020	Connection		4		0	0%	4	100%	0	0%	0	0%
1900	Distortion		104		0	0%	104	100%	0	0%	0	0%
7000	Damage		1		0	0%	1	100%	0	0%	0	0%
8368	Graffiti		110		0	0%	110	100%	0	0%	0	0%
162	Stl Gus Plate	Mod	64	**each**	0	0%	37	58%	27	42%	0	0%
515	Steel Protective Coating		3,036		759	25%	0	0%	0	0%	2,277	75%
3420	Peel/Bub/Crack(Stl Protect Coat)		2,277		569	25%	0	0%	0	0%	1,708	75%
1000	Corrosion		44		0	0%	36	82%	8	18%	0	0%
1020	Connection		1		0	0%	1	100%	0	0%	0	0%
1900	Distortion		19		0	0%	0	0%	19	100%	0	0%
215	Re Conc Abutment	Mod	114	**ft**	67	59%	15	13%	32	28%	0	0%
1080	Delamination/Spall/Patched Area		42		0	0%	10	24%	32	76%	0	0%
1120	Efflorescence/Rust Staining		2		0	0%	2	100%	0	0%	0	0%
1130	Cracking (RC and Other)		2		0	0%	2	100%	0	0%	0	0%
6000	Scour		1		0	0%	1	100%	0	0%	0	0%
8368	Graffiti		130		0	0%	130	100%	0	0%	0	0%
304	Open Expansion Joint	Mod	43	**ft**	32	74%	4	9%	7	16%	0	0%
2360	Adjacent Deck or Header		10		0	0%	3	30%	7	70%	0	0%
7000	Damage		1		0	0%	1	100%	0	0%	0	0%
305	Assem Jnt Wthut Seal	Mod	43	**ft**	27	63%	8	19%	8	19%	0	0%
2360	Adjacent Deck or Header		8		0	0%	3	38%	5	63%	0	0%
2370	Metal Deterioration or Damage		8		0	0%	5	63%	3	38%	0	0%
311	Moveable Bearing	Mod	2	**each**	0	0%	2	100%	0	0%	0	0%
515	Steel Protective Coating		4		0	0%	0	0%	2	50%	2	50%
3420	Peel/Bub/Crack(Stl Protect Coat)		4		0	0%	0	0%	2	50%	2	50%
1000	Corrosion		2		0	0%	2	100%	0	0%	0	0%
313	Fixed Bearing	Mod	2	**each**	0	0%	2	100%	0	0%	0	0%
515	Steel Protective Coating		4		0	0%	0	0%	2	50%	2	50%

3420	Peel/Bub/Crack(Stl Protect Coat)		4		0	0%	0	0%	2	50%	2	50%
1000	Corrosion		2		0	0%	2	100%	0	0%	0	0%
321	Re Conc Approach Slab	Mod	1,200	**sq.ft**	1,199	100%	1	0%	0	0%	0	0%
510	Wearing Surfaces		1,200		1,200	100%	0	0%	0	0%	0	0%
1130	Cracking (RC and Other)		1		0	0%	1	100%	0	0%	0	0%
330	Metal Bridge Railing	Mod	410	**ft**	46	11%	316	77%	48	12%	0	0%
515	Steel Protective Coating		1,640		0	0%	0	0%	0	0%	1,640	100%
3420	Peel/Bub/Crack(Stl Protect Coat)		1,640		0	0%	0	0%	0	0%	1,640	100%
1000	Corrosion		316		0	0%	316	100%	0	0%	0	0%
1020	Connection		2		0	0%	0	0%	2	100%	0	0%
7000	Damage		46		0	0%	0	0%	46	100%	0	0%
8213	R/C Return Wall	Mod	50	**ft**	49	98%	1	2%	0	0%	0	0%
1111	Scaling		1		0	0%	1	100%	0	0%	0	0%
8368	Graffiti		5		0	0%	0	0%	5	100%	0	0%
8441	Advanced Posting Sign	Mod	4	**each**	4	100%	0	0%	0	0%	0	0%
8060	Scupper	Mod	12	**each**	0	0%	0	0%	0	0%	12	100%
8335	Guardrail, Vehicular	Mod	100	**ft**	63	63%	21	21%	4	4%	12	12%
515	Steel Protective Coating		400		0	0%	0	0%	240	60%	160	40%
3420	Peel/Bub/Crack(Stl Protect Coat)		400		0	0%	0	0%	240	60%	160	40%
1000	Corrosion		24		0	0%	21	88%	3	13%	0	0%
1020	Connection		3		0	0%	0	0%	1	33%	2	67%
7000	Damage		10		0	0%	0	0%	0	0%	10	100%
8218	Backwall, All Types	Mod	110	**ft**	95	86%	10	9%	5	5%	0	0%
1080	Delamination/Spall/Patched Area		2		0	0%	0	0%	2	100%	0	0%
1120	Efflorescence/Rust Staining		3		0	0%	0	0%	3	100%	0	0%
1130	Cracking (RC and Other)		10		0	0%	10	100%	0	0%	0	0%
8398	Curb/sidewalks - Con	Mod	416	**ft**	391	94%	23	6%	2	0%	0	0%
1080	Delamination/Spall/Patched Area		5		0	0%	3	60%	2	40%	0	0%
1130	Cracking (RC and Other)		20		0	0%	20	100%	0	0%	0	0%
8214	R/C Wingwall	Mod	50	**ft**	49	98%	1	2%	0	0%	0	0%
1111	Scaling		1		0	0%	1	100%	0	0%	0	0%
8368	Graffiti		5		0	0%	0	0%	5	100%	0	0%

Element Detail

Structure Unit: 0

		Env.	Total Quantity	Unit.	CS1		CS2		CS3		CS4	
12	**Re Concrete Deck**	Mod	**95,701**	**sq.ft**	**92,986**	**97%**	**2,485**	**3%**	**230**	**0%**	**0**	**0%**
Notes: The top of the reinforced concrete deck is hidden from view by a bituminous concrete wearing surface. The underside of the deck exhibits scattered spalls with and without exposed reinforcing, hairline cracks, some with efflorescence, rust stains and a few areas of map cracking.												
510	*Wearing Surfaces*		8,320		8,253	99%	47	1%	20	0%	0	0%
Notes: The wearing surface has a full-length longitudinal cold joint and exhibits an isolated pothole, patched areas and random cracks, some of which have been sealed.												
3210	*Del/Spall/Patch/Pot(Wear Surf)*		47		0	0%	47	100%	0	0%	0	0%
Notes: Eastbound lane, along Abutment #1 - Partially patched, breaking up pothole 3'-0" diameter x 1-1/2" deep (Photo 13). Eastbound lane, near Abutment #2 - Bituminous patch, 7'-0" long x 5'-0" wide. Eastbound lane, near Abutment #2 - 5" diameter x 2" deep pothole and bituminous patch breaking up 7'-0" long x 6" wide x 1" deep near the south curb. Centerline of roadway, between Panel Points SU3 and SU4 - 4'-9" long x 3" wide x 2" deep pothole (Photo 15). Both lanes, along Abutment #2 - Previously noted patches are breaking up at the ends.											
3220	*Crack (Wearing Surface)*		20		0	0%	0	0%	20	100%	0	0%
Notes: The wearing surface exhibits random cracks up to 1/8" wide throughout some of which have been sealed (Photo 9).												
1080	*Delamination/Spall/Patched Area*		231		0	0%	223	97%	8	3%	0	0%

Notes: The underside of the deck exhibits several haunch spalls with and without exposed reinforcing along the floorbeams up to full-width of bay x full-height of haunch x 4-1/2" deep throughout (Photo 16).

Specific spalls and hollow areas are noted as follows:

South Overhang:
- Approximately 75% of the south overhang is cracked, delaminated and spalled with exposed and debonded reinforcing up to full-width by up to 6" deep (Photo 17).

Bay A:
- Between Floorbeams 1 and 2, there are two spalls at the west half 6" long x 1'-2" wide x 1" deep and 1'-0" long x 6" wide x 1" deep.

- Between Floorbeams 3 and 4, there are two spalls with exposed reinforcing 1'-3" long x 7-1/2" wide x 1" deep and 4" diameter x 1/2" deep.

- Between Floorbeams 5 and 6 near Floorbeam 5, there are two spalls with exposed reinforcing 2'-8" long x 7" wide x 3" deep and 7" long x 6" wide x 3" deep.

- Between floorbeams 8 and 9, there is a spall with exposed rebar 8" diameter x 1" deep.

- At Abutment #2, there is a spall with exposed reinforcing 10" long x 8" wide x 1" deep.

Bay C:
- Between Floorbeams 2 and 3 near Floorbeam 3, there is a spall with exposed reinforcing up to 1'-6" long x 3" wide x 1/2" deep.

- Between Floorbeams 8 and 9 near Floorbeam 8, there is a delamination 6'-5" long x up to 5'-0" wide with an adjacent spall 1'-10" long x 3" wide x 1/2" deep spall with exposed reinforcing.

Bay F:
- Between Floorbeams 4 and 5, there are three spalls with exposed reinforcing measuring up to 1'-3" long x up to 8" wide x 2" deep (Photo 18).

- Between Floorbeams 7 and 8, there are two spalls with exposed reinforcing 1'-2" long x 8" wide x 2" deep and 6" in diameter x 1" deep. There is a 5'-6" long x 2'-6" wide delamination with minor edge spalling near Floorbeam 7 (Photo 19).

- Between Floorbeams 8 and 9, there are two spalls with exposed reinforcing 3'-0" long x 6" wide x 1" deep and 1'-6" long x 6" wide x 1" deep.

- The deck end at Abutment #2 from Bay C to F is spalled up to 1'-0" wide x 3" deep.

North Overhang:
- There are scattered spalls with exposed reinforcing up to full-width x 2-1/2" deep with adjacent hollow areas up to 6" in diameter (Photo 20).

1090	*Exposed Rebar*	363	0	0%	161	44%	202	56%	0	0%
Notes: Refer to Defect 1080 for comments and conditions.										
1120	*Efflorescence/Rust Staining*	420	0	0%	420	100%	0	0%	0	0%
Notes: Refer to Defect 1130 for comments and conditions.										
1130	*Cracking (RC and Other)*	420	0	0%	420	100%	0	0%	0	0%
Notes: The underside of the deck exhibits scattered hairline longitudinal and transverse cracks up to full-length and full-width of each bay, some with efflorescence and rust stains (Photos 19 and 21). The deck ends in Bays B through D and in Bay G at Abutment #1 exhibit hairline map cracking up to full-length x full-width of the bay. The underside of the deck in Bay C near Abutment #2 exhibits hairline map cracking with moderate efflorescence.										
1190	*Abrasion(PSC/RC)*	4	0	0%	4	100%	0	0%	0	0%
Notes: In Bays C and D, near Abutment #2, there is an area of heavy scaling up to full width of the bay.										
113	**Steel Stringer** Mod	**1,415 ft**	**1,193**	**84%**	**212**	**15%**	**10**	**1%**	**0**	**0%**
Notes: The steel stringers exhibit scattered areas of peeling paint with light to heavy rust throughout.										
515	*Steel Protective Coating*	7,121	2,374	33%	1,397	20%	1,000	14%	2,350	33%
Notes: The steel stringers exhibit scattered areas of peeling paint with light to heavy rust throughout (Photos 22-24).										
3420	*Peel/Bub/Crack(Stl Protect Coat)*	4,747	0	0%	1,397	29%	1,000	21%	2,350	50%
Notes: The steel stringers exhibit scattered areas of peeling paint with light to heavy rust throughout (Photos 22-24).										
1000	*Corrosion*	233	12	5%	212	91%	9	4%	0	0%

Notes: The interior stringers exhibit scattered areas of light to moderate rust and scattered locations of up to 1/4" deep section loss. The exterior stringers have had multiple web repairs in the past and the caulking around the repair plates is typically rough in appearance (Photo 24).

Specific deficiencies are noted as follows:

Stringer A:
West of Floorbeam 4, 100% loss x 5" long x 1-1/2" high at the top of the web and 100% loss x 9" long x 1-3/4" high at the bottom of the web, Section loss = 14.5% (Photo 22).

South face, at Floorbeam 5, there is 100% loss/paper thin area x 4-1/2" long x 2" high in the top of the web (Photo 23).

Stringer G:
South face, 7'-8" east of Floorbeam 2 there is an area of section loss 4-1/2" high x 3'-0" long x 1/4" deep in the lower portion of the web.

North face, West of Floorbeam 3, there is an area of section loss 8" long x 3" high x 1/4" deep.

North face, West of Floorbeam 4, there is an area of section loss 9" long x 3" high x 1/4" deep with a 3/4" diameter corrosion hole.

South face, at Floorbeam 5, there is 4'-0" long x 7-1/2" high x 3/8" deep section loss with a 5/8" diameter corrosion hole in the web, Section loss = 23.2% (Photo 24).

East side of Floorbeam 6, there is 100% loss x 3-1/2" long x 1" high in the top of the web.

West side of Floorbeam 6, there is 100% loss x 2-1/2" long x 3/4" high in the top of the web.

South face, East of Floorbeam 7, there is an area of section loss 2'-0" long x 7" high x 1/8" deep at the base of the web.

See the attached document "095601-2025-03-12-Section-Loss-Stringer.pdf" for section loss calculations

1020	*Connection*	1	0	0%	0	0%	1	100%	0	0%

Notes: The connection between Stringer E and the west face of Floorbeam 2 exhibits two rivets with the heads sheared off, one on each side (Photo 94).

120	**Steel Truss**	Mod	**402 ft**	**23**	**6%**	**240**	**60%**	**138**	**34%**	**1**	**0%**

Notes: The steel trusses exhibit light to moderate rust, laminated rust with section loss, gouges, rolling defects, distorted members, and isolated scattered rivet heads with section loss.

There is a light to moderate accumulation of debris on the topside of the lower members.

The lower lateral bracing connection plate at Floorbeam 3, West face, below Bay D, exhibits an unused hole.

At member SU7-NU7 there is a cable bolted through the web helping support a nearby utility pole (Photo 25).

515	*Steel Protective Coating*	11,826	2,956	25%	0	0%	0	0%	8,870	75%

Notes: The steel truss members exhibit a painted protective coating with peeling and missing paint.

3420	*Peel/Bub/Crack(Stl Protect Coat)*	8,870	2,218	25%	0	0%	0	0%	6,653	75%

Notes: The trusses exhibit peeling or missing paint on approximately 75% of the total surface area (Photos 25-31).

1000	*Corrosion*	218	0	0%	200	92%	18	8%	0	0%

Notes: The interior faces of the upper and lower chord flanges exhibit laminated rust and section loss up to full length x 7" high x up to 1/8" deep on the topside and the webs exhibit section loss up to full length x full width x 1/16" deep on the topside. Isolated rivet heads exhibit section loss up to 80%. At areas of missing paint, the trusses typically exhibit light to moderate rust.

South Truss:
Member U2-U3 at U3:
- On the North flange, interior face, above the web there is an area of section loss 8" long x up to 2" high x up to 1/8” deep.

Member U3-U4 at U3:
- On the interior faces of the flanges, above the web, there is an area of section loss 6" long x 2" high x 3/8" deep with adjacent pitting 12" long x 2" high x up to 1/16" deep (Photo 26).
- On the top face of the web, there is an area of pitting up to 1'-2" long x full width x up to 1/8" deep (Photo 26).
- The web connection plates exhibit an area along the edge of the plate with section loss 4" long x 1" high x up to 1/2" deep (Photo 26).

Member U4-U5 at U5:
- On the interior faces of the flanges above the web, there is an area of section loss 2-4" long x 2" high x 1/8" deep.
- On the top face of the web, there is an area of pitting 2'-0" long x full width x up to 1/8” deep.
- The rivet heads below the top gusset plate exhibit up to 50% section loss.

Member U5-U6 near U5:
- On the interior faces of the flanges above the web, there is an area of section loss 2'-6" long x up to 2-1/2" high x up to 1/8" deep (Photo 27).
- At the South horizontal angle, at the top of the web on the top chord, there is an area of pitting, 3" long x 1" wide x up to 3/16" deep with adjacent heavy rust and two rivet heads that exhibit up to 75% section loss (Photo 28).
- At the South vertical angle, at the top of the web on the top chord, there is an area of section loss, 8" long x 1" high x 1/16" deep.

North Truss:
Member L0-U1:
- At the West portal gusset plate, North flange, there is pack rust 1/4" thick.

Member U2-U3 at U3:
- On the interior faces of the flanges above the web, there is an area of section loss 5" long x 2" high x 1/8" deep.
- On the top face of the web, there is an area of section loss up to 5" long x full-width x up to 1/8" deep (Photo 29).
- The rivet heads below the top gusset plate exhibit up to 60% section loss.

Member U3-U4 near U3:
- On the interior faces of the flanges above the web, there is an area of section loss up to 1'-3" long x 2" high x 1/8" deep.
- On the top face of the web, there is an area of section loss up to 5" long x full width x 1/8" deep.
- The rivet heads below the top gusset plate exhibit up to 60% section loss.

Member U5-U6 at U5:
- On the interior faces of the flanges above the we, there is an area of section loss 5" long x 2-1/2" high x 1/8" deep.
- The rivet heads below the top gusset plate exhibit up to 40% section loss.

Bracing:
The lower lateral bracing connection plate at Floorbeam 3, East face, below Bay A, exhibits as little as 1/8" remaining to 50% of the plate.

The lower lateral bracing connection plate at Floorbeam 3, West face, below Bay F, exhibits two holes up to 8" diameter with paper thin remaining, adjacent holes up to 2" diameter and is bent down 1/2" (Photo 30).

The lower lateral bracing connection plate at Floorbeam 5, West face, below Bay F, exhibits two (2) holes up to 5" long x 2" wide with paper thin remaining (Photo 31).

1010	*Cracking*	1	0	0%	0	0%	1	100%	0	0%

Notes: The South side of the lateral bracing connection angle, at Floorbeam 8, West face, below Bay D, exhibits a vertical crack, 1/2" long in the tack weld with separation, 1-1/2" long for the remaining height due to pack rust, 1/4" thick between the connection angle and the floorbeam (Photo 32).

1900	*Distortion*	80	0	0%	20	25%	60	75%	0	0%

Notes: South Truss:
Member L1-U1:
- The West side of the North flange is bent to the North 1'-10" long x up to 1/2" out-of-plane (Photo 33).

North Truss:
Member U5-U6 at U5:
- The South side of the filler plate along the East edge exhibits 1/8" distortion due to 1/8" thick pack rust.

Bracing:
- At the Member SU4-NU3 upper lateral bracing, 5'-0" from Panel Point SU4, the East flange of the upper diagonal member is bent downward 6" long x 1/8" out-of-plane with a steel defect in top flange 5'-4" long (Photo 34).

- The lower lateral bracing connection plates on the West and East faces of Floorbeam 7 are bent downward up to 1/2" out-of-plane (appears to be as-built conditions).

7000	*Damage*	80	0	0%	20	25%	59	74%	1	1%		

Notes: The truss members exhibit random areas of scrapes, rolling defects and gouges up to 1" long x 1/16" deep.

Specific deficiencies and locations are noted as follows:

North Truss:
Member L2-U2:
- At deck level there are multiple impact scrapes due to impact damage on the railing.

Member L6-L7:
- Near Floorbeam 7, North face, along bottom of South flange, there are three (3) impact edge gouges up to 1" long x 1/2" high x 1/4" deep.

Bracing:
Member SU1-NU1:
- The lower portal bracing member over the Eastbound lane exhibits several impact scrapes and dents up to 6" long x 1/4" wide. The bracing member is slightly twisted and bowed.

Member SU1-NU2:
- The lower sway bracing member over the Eastbound lane exhibits a 24'-0" long area of heavy impact damage. The member is bent 7" upwards and 5" to the East (Photo 35).
- The lower connection plate over the Eastbound lane is bent 2" to the West over the lower 6" (Photo 36).
- The upper sway bracing member is tilted 1/4" to the West due to the impact damage.

Member SU2-NU3:
- The lower sway bracing member over the Eastbound lane exhibits a 7'-0" long area of impact damage. The member is bent 2" upward and 2" to the East.
- The lower connection plate over the the Eastbound lane is bent 1/2" to the West over the lower 5".
- The upper sway bracing member is tilted 1/4" to the West due to the impact damage.

Member SU3-NU4:
- The lower sway bracing member over the Eastbound lane exhibits a 8'-0" long area of impact damage . The member is bent 2-1/2" upward and 3" to the East (Photo 37).
- The lower connection plate over the Eastbound lane is bent 1/8" to the West over the lower 6".

Member SU4-NU5:
- The lower sway bracing member over the Eastbound lane exhibits three (3) areas of impact damage up to 1'-0" long. The member is bent 2" upward and 3" to the East (Photo 38). During the inspection heavy vibration and deflection of this sway brace was noted during heavy live loads and the sway brace bottom member could be moved by inspectors when shaken. This was previously reported to RIDOT over phone and email following the inspection.
- The lower connection plate over the Eastbound lane is bent 1/4" to the West over the lower 6"

Member SU6-NU7:
- The lower sway bracing member over the Eastbound lane exhibits a 10" long area of impact damage . The member is bent 2" to the East.

152	**Steel Floor Beam**	Mod	**518 ft**	**155**	**30%**	**236**	**46%**	**108**	**21%**	**19**	**4%**	

Notes: The floorbeams exhibit rust and areas of section loss up to 7/16" deep, cracked connection plates, distorted members, an isolated area of damage, poor quality welds, isolated areas of graffiti, and peeling and missing paint.

The floorbeams in Bays C and D exhibit utility cut-outs in the webs with web stiffener/utility support angles.

See the attached documents "095601-2025-03-12-Floorbeam-Corrosion-Notes.pdf" and "095601-2025-03-12-Section-Loss.pdf" for specific corrosion defects and locations.

515	*Steel Protective Coating*	6,045	4,095	68%	0	0%	0	0%	1,950	32%

Notes: The floorbeams exhibit a painted protective coating with peeling and missing paint.

3420	*Peel/Bub/Crack(Stl Protect Coat)*	1,950	195	10%	0	0%	0	0%	1,755	90%

Notes: The floorbeams exhibit peeling and missing paint on approximately 90% of the total surface area within 5'-0" of each truss, and approximately 25% of the remaining area (Photos 39 through 46).

1000	*Corrosion*	251	0	0%	125	50%	107	43%	19	8%

Notes: The steel floorbeams exhibit areas of light to laminated rust and areas of section loss up to 7/16" deep (Photos 39 through 46).

See the attached documents "095601-2025-03-12-Floorbeam-Corrosion-Notes.pdf" and "095601-2025-03-12-Section-Loss.pdf" for specific corrosion defects and locations.

1010	*Cracking*	2	0	0%	1	50%	1	50%	0	0%

Notes: Floorbeam 1 – At North Truss Panel Point L0, there is a vertical fatigue crack 9" long along the top of the connection angle on the East face, which is arrested with a drilled arrest hole (Photo 47). On the West face, there is a 2-1/4" high crack at the top of the connection plate, increasing from the previous 2" high (Photo 48).

Floorbeam 10 – At South Truss Panel Point L8, there is a vertical fatigue crack 5" long along the top of the connection angle, which is arrested with a drilled arrest hole (Photo 49).

1020	*Connection*	4	0	0%	4	100%	0	0%	0	0%

Notes: On the East face of Floorbeam 2 in Bay B, the weld between the cover plate and bottom flange is of poor quality with excess material and undercutting 4'-0" long x up to 1/16" deep, most notably at the South end.

1900	*Distortion*	104	0	0%	104	100%	0	0%	0	0%

Notes: Floorbeams 3, 4 and 6 have a slightly negative camber (Photo 50).

7000	*Damage*	1	0	0%	1	100%	0	0%	0	0%

Notes: On the West face of Floorbeam 3 in Bay C, the lower utility angle exhibits a dent 6" long x 1" out of plane upward (Photo 51).

8368	*Graffiti*	110	0	0%	110	100%	0	0%	0	0%

Notes: There are areas of graffiti on the East face of Floorbeam 1 and the West face of Floorbeam 10 covering up to approximately 50% of the total surface area.

162	**Stl Gus Plate** Mod	**64 each**	**0**	**0%**	**37**	**58%**	**27**	**42%**	**0**	**0%**

Notes: The steel gusset and connection plates exhibit areas of rust and section loss, scattered pack rust, distortion, and cut rivet heads.

515	*Steel Protective Coating*	3,036	759	25%	0	0%	0	0%	2,277	75%

Notes: The gusset plates exhibit a painted protective coating with peeling and missing paint (Photos 52-56 and 59).

3420	*Peel/Bub/Crack(Stl Protect Coat)*	2,277	569	25%	0	0%	0	0%	1,708	75%

Notes: The steel gusset plates exhibit peeling and missing paint on approximately 75% of the total surface area (Photos 52-56 and 59).

1000	*Corrosion*	44	0	0%	36	82%	8	18%	0	0%

Notes: The gusset and connection plates exhibit areas of peeling paint with light to moderate rust. The rivet heads at the upper and lower flanges of the bottom chords at random panel points exhibit up to 80% (25% on average) section loss. There are tack welds at several locations.

Specific deficiencies and locations are noted as follows:

South Truss:
At Panel Point L2:
- Above member L1-L2, the South face of the North gusset plate exhibits section loss 6" long x 2" high x 1/16" deep (Photo 52).
- Above member L2-L3, the North face of the South gusset plate exhibits section loss 11" long x 9" high x up to 1/16" deep.
- Above member L2-L3, the South face of the North gusset plate exhibits section loss 1’-9" long x 1’-1" high x 1/16" deep.

At Panel Point U2:
- The West and East sides of the top gusset plate exhibit pack rust up to 1/2” thick.

At Panel Point U3:
- The West and East sides of the top gusset plate exhibit pack rust up to 3/8” thick.

At Panel Point L4:
- Along member L4-L5, the North and South gusset plate interior faces exhibit section loss 2’-0" long x 10" high x up to 3/16" deep (Photo 53).

At Panel Point U4:
- The West side of the top gusset plate exhibits pack rust up to 1/2” thick (Photo 54).

At Panel Point L5:
- At the West and East sides of Floorbeam 7, there is pack rust between the bottom lateral brace and connection plate 1/8" thick.
- The underside of the connection plate exhibits an area of section loss 1/8" deep.

At Panel Point U5 :
- The L4-U5 South filler plate exhibits pack rust 7" long x 1/8" thick between the plate and truss member.
- The East side of the top gusset plate exhibit pack rust up to 1/8” thick.

At Panel Point U6:
- The West and East sides of the top gusset plate exhibit pack rust 3/8” thick.

At Panel Point U7:
- The West and East sides of the top gusset plate exhibit pack rust 1/4” thick.
- The North gusset plate, near the East end exhibits a 6” long x 1/4” deep gouge on the top face.
- The South gusset plate exhibits two (2) gouges adjacent to tack welds up to 4” long x 1/2” wide x 1/4" deep (Photo 55).

North Truss:
At Panel Point L2:
- Above L2-L3, the North face of the South gusset plate exhibits section loss 9" long x 6" high x up to 1/16" deep.
- Above L2-L3, the South face of the North gusset plate exhibits section loss 1’-6" long x up to 9" high x up to 1/8" deep.

At Panel Point U3:
- The West and East sides of the top gusset plate exhibit areas of section loss up to 1'-6” long x 1/8” deep with a 5” long x 1/4” deep gouge on the West face.

At Panel Point L4:
- Above L3-L4, the North face of the South gusset plate exhibit section loss 1’-3" long x up to 7" high x up to 1/16" deep.
- Above L3-L4, the South face of the North gusset plate exhibit section loss 1’-2" long x 4" high x 1/16" deep.
- Above L4-L5, the North face of the South gusset plate exhibit section loss 2’-0" long x up to 9" high x up to 1/8" deep.
- Above L4-L5, the South face of the North gusset plate exhibit section loss 2’-0" long x 6" high x 1/16" deep.

At Panel Point U4:
- The East side of the top gusset plate exhibits an area of section loss 1” long x up to 1/8” deep.

At Panel Point L6:
- Above L5-L6, the South face of the South gusset plate exhibits section loss 1’-2” long x 4” high x 1/8” deep.
- Above L6-L7, the South face of the South gusset plate exhibits section loss 1’-2" long x 7" high x up to 3/16" deep above the connection plate (Photo 56).

At Panel Point U7:
- The West and East sides of the top gusset plate exhibit areas of section loss up to 4" long by 1/16" deep.

1020	*Connection*	1	0	0%	1	100%	0	0%	0	0%

Notes: South Truss:
At Panel Point L0 – The connection angle between the lateral brace connection plate and the truss exhibits four (4) rivet heads that have been cut off (appears to be an as-built condition).

Member L1-U1 – There is a gap 1/4" wide between the South flange of the vertical member and the West sway brace connection plate near mid-height (Photo 33).

At Panel Point U5 - The upper gusset plate exhibits three (3) rivet heads replaced with bolts.

At Panel Point U7 – The North gusset plate exhibits four (4) rivet heads on the portal member connection plate that have been replaced with bolts (Photo 57).

North Truss:
At Panel Point U7 – The South gusset plate exhibits four (4) rivet heads on the portal member connection plate that have been replaced with bolts .

1900	*Distortion*	19	0	0%	0	0%	19	100%	0	0%

Notes: South Truss:

Member L0-U1:
- The lower gusset plate at the West portal bracing member is bent downward 4" long x up to 1/2" out-of-plane (Photo 58).

Member L1-U1:
- The West and East lower sway brace connection plate is bent 1/8".

At Panel Point U1:
- The West, East and North sides of the top gusset plate are bent upward up to 1/4" x 3" long due to 1/4" thick pack rust (Photo 59).

At Panel Point U2:
- The West and East sides of the top gusset plate are bent upward up to 1/2" x 4" long due to 1/2" thick pack rust.

At Panel Point L3:
- The connection plate between the bottom lateral bracing and the East side of Floorbeam 5 is bent 3" long x 6" wide by 1/4" upwards.

At Panel Point U3:
- The top gusset plate is bent upward 1/4" out-of-plane x 6” long at the West side due to 1/4" thick pack rust and upward 3/8" out-of-plane x 8” long at the East side due to 3/8" thick pack rust.

At Panel Point U4:
- The West and East sides of the top gusset plate are bent upward 10" long x up to 7/8" out-of-plane (Photo 54).

At Panel Point U5:
- The top gusset plate is bent upward 1/8" out-of-plane x 3 ” long at the East side due to 1/8" thick pack rust.

At Panel Point L6:
- The South gusset plate is bent 1’-7" high x 3/8" out of plane along the East edge.

At Panel Point U6:
- The West and East sides of the top gusset plate are bent upward 3" long x up to 3/8" out-of-plane due to 3/8" thick pack rust.

North Truss:

At Panel Point U1:
- The West and East sides of the top gusset plate along the South flange of member L0-U1 adjacent to the portal bracing are bent upward up to 1/4" out-of-plane due to 1/4" thick pack rust.

At Panel Point U2:
- The West and East sides of the top gusset plate are bent upward 4" long x 1/2" out-of-plane due to 1/2" thick pack rust.

At Panel Point U3:
- The West and East side of the top gusset plate are bent upward 1'-6" long x 1/2" out-of-plane due to 1/2" thick pack rust.

At Panel Point L4:
- The connection plate between the bottom lateral bracing and the East face of Floorbeam 5 is bent 1/4" upwards x 9" long.

At Panel Point U4:
- The West and East side of the top gusset plate is bent upward up to 1/2" out-of-plane due to 1/2" thick pack rust.

At Panel Point U5:
- The top gusset plate is bent upward 1/2" out-of-plane at the West side and 1/8" out-of-plane at the East side due to up to 1/2" thick pack rust.

At Panel Point U6:
- The West and East side of the top gusset plate are bent upward 1/4" out-of-plane due to 1/4" thick pack rust.
- Above the adjacent diagonal member, the top gusset is bent up to 1/4" out-of-plane due to 1/4" thick pack rust.

At Panel Point U7:
- The West and East side of the top gusset plate is bent upward 1/2" out-of-plane due to 1/2" thick pack rust (Photo 60).
- The portal connection plate exhibits pack rust 8” long x 1/2" high.
- Above diagonal SU7-NU6 the top gusset plate is bent upward 1/4" out-of-plane due to 1/4" thick pack rust.

215	**Re Conc Abutment**	Mod	**114 ft**	**67**	**59%**	**15**	**13%**	**32**	**28%**	**0**	**0%**
Notes: The abutments exhibit scattered spalls, light scaling, vertical cracks, areas of hairline map cracking, an isolated area of erosion, efflorescence and rust stains and areas of graffiti (Photos 61 and 62). There is moderate to heavy accumulation of sand and debris along the abutment seats.											
1080	*Delamination/Spall/Patched Area*		42	0	0%	10	24%	32	76%	0	0%
Notes: Abutment #1: There is light scaling throughout. Below Bay A, there is a spall 15'-0" long on top by full width (4'-10") x 10" high x 5" deep with heavy efflorescence and rust staining (Photo 63). Below Bays E and F, there is a spall at the top 11'-0" long x 1'-1" high x 4" deep with efflorescence and rust staining, which extends back for the full width of bridge seat x up to 2" deep. Abutment #2: Below Bays C and D, there is a spall 5'-6" long x 5'-0" high x up to 6" deep surrounding the drainage pipe and trough (Photo 64). Below Bay D, there is a 1'-0" long x 8" high delamination.											
1120	*Efflorescence/Rust Staining*		2	0	0%	2	100%	0	0%	0	0%
Notes: Refer to Defect 1130 for comments and conditions.											
1130	*Cracking (RC and Other)*		2	0	0%	2	100%	0	0%	0	0%
Notes: Abutment #1: Below Bays B and C, there are two full-height hairline vertical cracks. Abutment #2: Below Bay B, there is a vertical crack measuring 1/16" wide by full-height with moderate efflorescence (Photo 65). Below Bay C and D, there is an area with scattered hairline map cracking measuring 2'-0" long x full-height and a full-height hairline vertical crack with light efflorescence.											
6000	*Scour*		1	0	0%	1	100%	0	0%	0	0%
Notes: The concrete drainage trough at Abutment #2 is undermined and the supporting material has completely eroded (Photo 64).											
8368	*Graffiti*		130	0	0%	130	100%	0	0%	0	0%
Notes: The abutments exhibit areas of graffiti (Photos 61 and 62).											
304	**Open Expansion Joint**	Mod	**43 ft**	**32**	**74%**	**4**	**9%**	**7**	**16%**	**0**	**0%**
Notes: There is an open expansion joint at Abutment #1 with steel armor plates and concrete headers. The joint exhibits areas of light to heavy rust to the steel armor, several gouges, scattered hairline transverse cracks and scaling, a few spalls and accumulation of sand and debris. The joint is vertically misaligned up to 3/16" with the approach (West) side being higher (Photo 13).											
2360	*Adjacent Deck or Header*		10	0	0%	3	30%	7	70%	0	0%
Notes: The concrete header along the West side of the joint exhibits hairline transverse cracks and scaling up to 1/2" deep. There are three (3) spalls in the Westbound lane measuring up to 9" long x up to 1'-0" wide x 1/2" deep and a spall in the Eastbound lane measuring up to 10" long x 3'-0" wide x 2" deep (Photo 66). In the Westbound lane near the centerline of the roadway, there is a 2'-0" long x up to 10" wide delamination.											
7000	*Damage*		1	0	0%	1	100%	0	0%	0	0%
Notes: The joint exhibits several gouges up to 1/4” deep along the steel armor (Photo 67).											
305	**Assem Jnt Wthut Seal**	Mod	**43 ft**	**27**	**63%**	**8**	**19%**	**8**	**19%**	**0**	**0%**
Notes: The open finger joint with a concrete header at Abutment #2 exhibits moderate to heavy rust with pitting near the curbs, several gouges, scattered hairline transverse cracks, minor edge spalling and accumulation of sand and debris at the ends. The steel fingers exhibit vertical misalignment up to 1/4" with the East finger plate being higher (Photos 14 and 68).											
2360	*Adjacent Deck or Header*		8	0	0%	3	38%	5	63%	0	0%
Notes: The concrete header along the East side of the joint exhibits hairline scattered transverse cracks. There is a spall in the header 3" long by 2'-1" wide by 1" deep in the Eastbound lane (Photo 69).											
2370	*Metal Deterioration or Damage*		8	0	0%	5	63%	3	38%	0	0%
Notes: The steel finger plates exhibit moderate rust throughout with heavy rust and pitting up to 1/16" deep near both curbs. There are several gouges near the centerline of the roadway measuring up to 1/4" deep. The South curb vertical plate exhibit an area of 100% loss measuring 1" long by 9" high (Photo 70).											
311	**Moveable Bearing**	Mod	**2 each**	**0**	**0%**	**2**	**100%**	**0**	**0%**	**0**	**0%**

Notes: The rocker bearings at Abutment #2 exhibit moderate rust throughout with a few isolated anchor bolt nuts with minor section loss. There is minor accumulation of sand and debris on and around the masonry plate.

The bearings were slightly expanded 4 degrees to the East at the time of this inspection (Photo 71).

515	*Steel Protective Coating*	4	0	0%	0	0%	2	50%	2	50%
Notes: The rocker bearings exhibit scattered areas of peeling paint with moderate rust throughout (Photo 71).										
3420	*Peel/Bub/Crack(Stl Protect Coat)*	4	0	0%	0	0%	2	50%	2	50%
Notes: The rocker bearings exhibit scattered areas of peeling paint with moderate rust throughout (Photo 71).										
1000	*Corrosion*	2	0	0%	2	100%	0	0%	0	0%
Notes: The rocker bearings exhibit moderate rust throughout. There are a few isolated anchor bolt nuts with minor section loss and an anchor bolt at the South bearing with up to 80% section loss (Photo 72).										
313	**Fixed Bearing**	Mod	**2 each**	**0**	**0%**	**2**	**100%**	**0**	**0%**	**0**	**0%**
Notes: The fixed bearings at Abutment #1 exhibit moderate rust throughout. There is minor accumulation of sand and debris on and around the masonry plates.										
515	*Steel Protective Coating*	4	0	0%	0	0%	2	50%	2	50%
Notes: The fixed bearings exhibit scattered areas of peeling paint with moderate rust throughout (Photo 73).										
3420	*Peel/Bub/Crack(Stl Protect Coat)*	4	0	0%	0	0%	2	50%	2	50%
Notes: The fixed bearings exhibit scattered areas of peeling paint with moderate rust throughout (Photo 73).										
1000	*Corrosion*	2	0	0%	2	100%	0	0%	0	0%
Notes: The fixed bearings exhibit moderate rust throughout (Photo 73).										
321	**Re Conc Approach Slab**	Mod	**1,200 sq.ft**	**1,199**	**100%**	**1**	**0%**	**0**	**0%**	**0**	**0%**
Notes: The reinforced concrete approach slabs are hidden from view by a bituminous concrete wearing surface.										
510	*Wearing Surfaces*	1,200	1,200	100%	0	0%	0	0%	0	0%
Notes: There is an area of minor cracking at the West Approach along the South curb (Photo 6).										
1130	*Cracking (RC and Other)*	1	0	0%	1	100%	0	0%	0	0%
Notes: There is an area of minor cracking at the West Approach along the South curb (Photo 6).										
330	**Metal Bridge Railing**	Mod	**410 ft**	**46**	**11%**	**316**	**77%**	**48**	**12%**	**0**	**0%**
Notes: The metal bridge railings along the South and North sides of the bridge exhibit widespread areas of peeling paint with moderate to heavy rust, a few scattered areas of impact damage, areas of 100% section loss to the connections and missing/broken bolts and nuts.										
515	*Steel Protective Coating*	1,640	0	0%	0	0%	0	0%	1,640	100%
Notes: The bridge railings exhibit widespread areas of peeling paint with moderate to heavy rust (Photo 74).										
3420	*Peel/Bub/Crack(Stl Protect Coat)*	1,640	0	0%	0	0%	0	0%	1,640	100%
Notes: The bridge railings exhibit widespread areas of peeling paint with moderate to heavy rust (Photo 74).										
1000	*Corrosion*	316	0	0%	316	100%	0	0%	0	0%

Notes: The bridge railings exhibit widespread areas with moderate to heavy rust throughout (Photo 74).

The bridge railing connections between the vertical posts, the bridge sidewalk and the vertical truss member exhibit scattered anchor bolts and nuts with 100% section loss.

The North bridge railing just West of Panel Point L4 has two vertical pickets with up to 100% section loss and one missing vertical picket (Photo 74).

The South bridge railing at Panel Point L4 has 2 holes up to 4" in diameter (Photo 75).

1020	*Connection*	2	0	0%	0	0%	2	100%	0	0%
Notes: The connections of the bridge railings to the deck overhang exhibit random missing anchor bolt nuts.										
	The connection between the vertical post and member L7-U7 at L7 of the North Truss has three out of four bolts and nuts missing/broken.									
7000	*Damage*	46	0	0%	0	0%	46	100%	0	0%

Notes: South Bridge Railing:
Near Panel Point L0, there is a section of impact damage measuring 6'-0" long with seven (7) bent pickets.

At Panel Point L1, there is a 2" long tear in the vertical post near the base.

Near Panel Point L4, there is a section of impact damage measuring 8'-0" long with nine (9) bent pickets, one (1) broken picket and two (2) cracks on the top rail up to 1/2 of the circumference with adjacent, up to 4" diameter holes (Photo 75).

Between Panel Point L5 and L6, there is a section of impact damage measuring 17'-0" long. The weld between the vertical post and the connection plate has a crack measuring 5" long and the connection plate is bent outward.

North Bridge Railing:
Near Panel Point L2, there is a section of impact damage measuring 6'-0" long with five (5) vertical pickets bent up to 1".

West of Panel Point L4, the top horizontal rail is bent outward (Photo 74).

Near Panel Point L5, there is a section of impact damage measuring 8'-0" long with fifteen (15) bent pickets and the bottom horizontal channel rail is bent upward 3" (Photo 76).

8213	**R/C Return Wall**	Mod	**50 ft**	**49**	**98%**	**1**	**2%**	**0**	**0%**	**0**	**0%**

Notes: There are return walls at the Southwest and the Northeast corners of the bridge (Photos 78 and 79). The Southwest return wall exhibits areas of graffiti and moderate vegetation growth.

The Northeast return wall exhibits light scaling and concrete discoloration.

1111	*Scaling*	1	0	0%	1	100%	0	0%	0	0%

Notes: The Northeast return wall exhibits light scaling and concrete discoloration (Photo 78).

8368	*Graffiti*	5	0	0%	0	0%	5	100%	0	0%

Notes: The Southwest wingwall exhibits an area of graffiti (Photo 79).

8441	**Advanced Posting Sign**	Mod	**4 each**	**4**	**100%**	**0**	**0%**	**0**	**0%**	**0**	**0%**

Notes: There are four load posting signs associated with this bridge with the following information (Photos 91-93):
Emergency
Vehicles
Weight Limit
Single Axle 17 Tons
Tandem 25 Tons
Gross 35 Tons

8060	**Scupper**	Mod	**12 each**	**0**	**0%**	**0**	**0%**	**0**	**0%**	**12**	**100%**

Notes: The scuppers along both curbs are fully clogged with sand and debris (Photo 77).

8335	**Guardrail, Vehicular**	Mod	**100 ft**	**63**	**63%**	**21**	**21%**	**4**	**4%**	**12**	**12%**

Notes: The single W-beam guardrails along each side of both approaches do not transition to the bridge rail. The guardrails exhibit areas of peeling paint with light to heavy rust, a few areas with 100% loss, a fully detached guardrail and several dents.

There is no approach guardrail on the Southeast end of the bridge.

515	*Steel Protective Coating*	400	0	0%	0	0%	240	60%	160	40%

Notes: The approach guardrails exhibit scattered areas of peeling paint with moderate to heavy rust (Photo 84).

3420	*Peel/Bub/Crack(Stl Protect Coat)*	400	0	0%	0	0%	240	60%	160	40%

Notes: The approach guardrails exhibit scattered areas of peeling paint with moderate to heavy rust (Photo 84).

1000	*Corrosion*	24	0	0%	21	88%	3	13%	0	0%

Notes: The approach guardrails exhibit scattered areas with moderate to heavy rust and section loss up to 100% throughout.

The Southwest approach guardrail exhibits several areas of 100% loss by 3-1/2" long x up to 4" high at the East end (Photo 84).

The Southeast guardrail has been removed. There is an exposed and loose/heavily damaged pedestrian railing (Photo 85).

The Northeast guardrail exhibits two (2) areas of 100% loss at the 2nd post from the bridge measuring up to 1-1/4" long x 5" high.

The anchor bolt nuts on the guardrail post base plates exhibit light to heavy rust.

1020	*Connection*	3	0	0%	0	0%	1	33%	2	67%

Notes: The Southeast approach guardrail has been removed. There is an exposed and loose/heavily damaged pedestrian railing (Photo 85).

The pedestrian rail portion of the northeast approach guardrail is disconnected at the east end and exposed to leading traffic.

The Northeast approach guide rail connection is loose at the first post with missing top rail at the end.

7000	*Damage*		10	0	0%	0	0%	0	0%	10	100%

Notes: The Northeast approach guardrail exhibits several dents at random locations. The boxing glove of the Northeast approach guardrail is missing.

There is no approach guardrail on the Southeast end of the bridge (Photo 85).

8218	**Backwall, All Types**	Mod	**110 ft**	**95**	**86%**	**10**	**9%**	**5**	**5%**	**0**	**0%**

Notes: The backwalls at both abutments exhibit moderate scaling, isolated vertical cracks and hairline map cracking, and areas of rust staining (Photo 82).

1080	*Delamination/Spall/Patched Area*	2	0	0%	0	0%	2	100%	0	0%

Notes: Abutment #2:
- Abutment #2 exhibits scattered areas of moderate scaling up to 1/4” deep.
- At North end, there is a spall 1'-4" long x 7" high x 1-1/2" deep.
- Below Bay D, there is a spall 10” long x 4” high x 1” deep along the top.
- Below Bay F, there is a spall 1'-0" long x 5" high x 1" deep.

1120	*Efflorescence/Rust Staining*	3	0	0%	0	0%	3	100%	0	0%

Notes: The abutments backwalls exhibit areas of minor rust staining at some areas of hairline cracking (Photo 82).

1130	*Cracking (RC and Other)*	10	0	0%	10	100%	0	0%	0	0%

Notes: Abutment #1:
- Below Bay C, there is a 3'-0" long hairline vertical crack.
- Below Bay D, there are two (2) hairline vertical cracks up to 3’-0" long (Photo 83).

Abutment #2:
- There are scattered full height vertical cracks up to 1/16" wide.
- Below Bay F, there is an area of hairline cracking and scaling 4'-0" long x 2'-0" high.

8398	**Curb/sidewalks - Con**	Mod	**416 ft**	**391**	**94%**	**23**	**6%**	**2**	**0%**	**0**	**0%**

Notes: The bridge reinforced concrete sidewalks exhibit a monolithic curb and the reinforced concrete approach sidewalks exhibit a granite curb along each side of both approaches.

The bridge sidewalks exhibit a few spalls and scattered hairline transverse cracks throughout.

The Northeast, Northwest and Southeast approach sidewalks have been repaired since the previous inspection. The approach sidewalks exhibit scattered longitudinal and transverse cracks measuring up to full-width of the sidewalk x hairline to 1/2" wide.

The Southeast approach sidewalk is settled 1/2".

1080	*Delamination/Spall/Patched Area*	5	0	0%	3	60%	2	40%	0	0%

Notes:

The South bridge curb exhibits a spall near Panel Point L3 measuring 1'-2" long x 3" high x 3-1/2" deep (Photo 87).

The North bridge sidewalk exhibits a spall at the exterior face near Panel Point 7, 6" long x 6" high x 1-1/2" deep.

The Southwest and Northeast approach curbs exhibit minor spalling throughout up to 1" deep.

The Northwest approach curb exhibits two spalls measuring up to 10" long x full-height x 1-1/2" deep and a 1/4" wide x 1'-2" long longitudinal crack (Photo 86).

The Northeast approach curb exhibits a spall measuring 1'-3" long x full width x 2" deep.

1130	*Cracking (RC and Other)*	20	0	0%	20	100%	0	0%	0	0%

Notes: The bridge sidewalks exhibit scattered hairline transverse cracks measuring up to full-width, mainly on the South sidewalk.

The south bridge curb exhibits a hairline transverse crack 2'-0" long near Panel Point L2 (Photo 88).

8214	**R/C Wingwall**	Mod	**50 ft**	**49**	**98%**	**1**	**2%**	**0**	**0%**	**0**	**0%**

Notes: The wingwalls at the Northwest and the Southeast corners of the bridge exhibit light scaling and concrete discoloration (Photos 80 and 81).

The Northwest wingwall exhibits a gap up to 2” toward the East with missing joint sealant and heavy vegetation (Photo 80).

The Southeast wingwall exhibits a gap at the top up to 1/2" toward the West.

1111	*Scaling*	1	0	0%	1	100%	0	0%	0	0%

Notes: The wingwalls at the Northwest and the Southeast corners of the bridge exhibit light scaling and concrete discoloration (Photos 80 and 81).

8368	*Graffiti*	5	0	0%	0	0%	5	100%	0	0%

Notes: The Southeast wingwall exhibits an area of graffiti (Photo 81).

Load Rating Event

Event Name:	2024-04-17-4230	Load Rating Date (B.LR.03):	
Load Rater:	Jacobs	Reviewer:	RIDOT-DM
Software Used:	0 AASHTOWare BrR	Secondary Software:	
Load Rating Method (B.LR.04):	LRFR Load and Resistance Factor Ratin	Routine Permit Loads (B.LR.08):	
Description:	[12/4/23] RIDOT Task 191B, Bridge Group 43		
Wearing Surface / Fill Depth:	2.29 inches	Category:	

Vehicle Name	Rating	Gross	Inventory (B.LR.05)	Operating (B.LR.06)	Controlling Legal (B.LR.07)	Location	Description
HS-20 Inventory	1.43	28.60					Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 28.5 Tons converted using 20.00Tons per vehicle.
HL-93 Operating	0.96	34.56					Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 34.5 Tons converted using 36.00Tons per vehicle.
HL-93 Operating	0.78	28.08		Opr			Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 28.1 Tons converted using 36.00Tons per vehicle.
HL-93 Inventory	0.60	21.60	Inv				Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 21.6 Tons converted using 36.00Tons per vehicle.
AASHTO Type 3	1.46	36.50					Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 36.6 Tons converted using 25.00Tons per vehicle.
AASHTO Type 3S2	1.42	51.12					Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 51.2 Tons converted using 36.00Tons per vehicle.
AASHTO Type 3-3	1.32	52.80					Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 52.9 Tons converted using 40.00Tons per vehicle.
AASHTO SU4 truck	1.28	34.56					Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 34.5 Tons converted using 27.00Tons per vehicle.
AASHTO SU5 truck	1.22	37.82					Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 37.7 Tons converted using 31.00Tons per vehicle.
AASHTO SU6 truck	1.22	42.40					Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 42.3 Tons converted using 34.75Tons per vehicle.
AASHTO SU7 truck	1.22	47.28					Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 47.2 Tons converted using 38.75Tons per vehicle.
FHWA Type EV3 emergency ve	0.83	35.69					Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 35.5 Tons converted using 43.00Tons per vehicle.
RI_3	0.84	31.92					Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 32 Tons converted using 38.00Tons per vehicle.
RI_4	0.93	34.88					Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 35 Tons converted using 37.50Tons per vehicle.
RI_5	1.00	52.40					Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 52.5 Tons converted using 52.40Tons per vehicle.
RI_6	0.76	49.40					Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 49.4 Tons converted using 65.00Tons per vehicle.
RI_OP1	1.37	77.41					Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 77.3 Tons converted using 56.50Tons per vehicle.
RI_OP2	1.24	99.20					Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 99 Tons converted using 80.00Tons per vehicle.
RI_OP3	1.09	123.17					Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 123.5 Tons converted using 113.00Tons per vehicle.

RIPTA	1.84	38.27	Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 38.3 Tons converted using 20.80Tons per vehicle.
RI_OP4	1.16	97.44	Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 97.4 Tons converted using 84.00Tons per vehicle.
RI_5B	0.72	45.00	Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 45.2 Tons converted using 62.50Tons per vehicle.
RI_OP5	1.30	91.00	Inserted from T_RATINGS on 04/26/2024 15:42:55 / [12/4/23] RIDOT Task 191B, Bridge Group 43 91.1 Tons converted using 70.00Tons per vehicle.

Load Posting Status

Posting Status Change Date (B.PS.02)	Open/Posted/Closed	Permanent/Temp/Supported	Load Posting Status (B.PS.01)
5/7/2024 12:00:00AM	Weight	Permanent	PP
Text of Load Posting Signs:	EMERGENCY | VEHICLE | WEIGHT LIMIT | SINGLE AXLE 17T | TANDEM 25T | GROSS 35T		
FHWA Type EV2 emergency ve	0.00	0.00	
FHWA Type EV2 emergency ve	4.03	115.86	
FHWA Type EV2 emergency ve	0.00	0.00	
FHWA Type EV2 emergency ve			
FHWA Type EV3 emergency ve	1.16	49.88	
FHWA Type EV3 emergency ve	1.70	73.10	
FHWA Type EV3 emergency ve	1.18	50.74	
FHWA Type EV3 emergency ve	2.28	98.04	
FHWA Type EV3 emergency ve	1.03	44.29	
FHWA Type EV3 emergency ve	1.73	74.39	
FHWA Type EV3 emergency ve	2.58	110.94	
FHWA Type EV3 emergency ve	0.99	42.57	
FHWA Type EV3 emergency ve	1.56	67.08	
FHWA Type EV3 emergency ve	1.77	76.11	
FHWA Type EV3 emergency ve	1.06	45.58	
FHWA Type EV3 emergency ve	2.35	101.05	
FHWA Type EV3 emergency ve	0.82	35.26	
FHWA Type EV3 emergency ve	2.30	98.90	
FHWA Type EV3 emergency ve	2.13	91.59	
FHWA Type EV3 emergency ve	1.49	64.07	
FHWA Type EV3 emergency ve	1.59	68.37	
FHWA Type EV3 emergency ve	1.05	45.15	
FHWA Type EV3 emergency ve	1.19	51.17	
FHWA Type EV3 emergency ve	2.46	105.78	
FHWA Type EV3 emergency ve	23.09	992.87	
FHWA Type EV3 emergency ve	1.31	56.33	
FHWA Type EV3 emergency ve	1.84	79.12	
FHWA Type EV3 emergency ve	1.77	76.11	
FHWA Type EV3 emergency ve	2.31	99.33	
FHWA Type EV3 emergency ve	0.86	36.98	
FHWA Type EV3 emergency ve	2.30	98.90	
FHWA Type EV3 emergency ve	3.07	132.01	
FHWA Type EV3 emergency ve	0.90	38.70	
FHWA Type EV3 emergency ve	2.09	89.87	
FHWA Type EV3 emergency ve	1.98	85.14	
FHWA Type EV3 emergency ve	1.69	72.67	
FHWA Type EV3 emergency ve	1.58	67.94	
FHWA Type EV3 emergency ve	1.49	64.07	
FHWA Type EV3 emergency ve	9.72	417.96	
FHWA Type EV3 emergency ve	0.78	33.54	
FHWA Type EV3 emergency ve	1.07	46.01	
FHWA Type EV3 emergency ve	1.15	49.45	
FHWA Type EV3 emergency ve	1.98	85.14	
FHWA Type EV3 emergency ve	0.88	37.84	
FHWA Type EV3 emergency ve	1.28	55.04	
FHWA Type EV3 emergency ve	1.94	83.42	
FHWA Type EV3 emergency ve	2.12	91.16	
FHWA Type EV3 emergency ve	2.07	89.01	
FHWA Type EV3 emergency ve	0.62	26.66	
FHWA Type EV3 emergency ve	2.49	107.07	
FHWA Type EV3 emergency ve	1.39	59.77	
FHWA Type EV3 emergency ve	2.39	102.77	
FHWA Type EV3 emergency ve	1.68	72.24	
FHWA Type EV3 emergency ve	0.96	41.28	

FHWA Type EV3 emergency ve	2.74	117.82
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.62	69.66
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	2.38	102.34
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	28.26	1,215.18
FHWA Type EV3 emergency ve	2.06	88.58
FHWA Type EV3 emergency ve	0.00	0.00
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	2.72	116.96
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	2.13	91.59
FHWA Type EV3 emergency ve	0.71	30.53
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.69	72.67
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	10.37	445.91
FHWA Type EV3 emergency ve	1.85	79.55
FHWA Type EV3 emergency ve	0.64	27.52
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	2.70	116.10
FHWA Type EV3 emergency ve	0.91	39.13
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	0.52	22.36
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.75	75.25
FHWA Type EV3 emergency ve	3.08	132.44
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	3.16	135.88
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	1.65	70.95

FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	0.92	39.56
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	0.79	33.97
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	2.03	87.29
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	4.36	187.48
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.73	74.39
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	2.22	95.46
FHWA Type EV3 emergency ve	1.62	69.66
FHWA Type EV3 emergency ve	0.88	37.84
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	3.07	132.01
FHWA Type EV3 emergency ve	0.53	22.79
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	0.57	24.51
FHWA Type EV3 emergency ve	0.79	33.97
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	3.12	134.16
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.55	109.65
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	2.36	101.48
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	2.34	100.62
FHWA Type EV3 emergency ve	0.12	5.16
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	2.48	106.64
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	0.14	6.02
FHWA Type EV3 emergency ve	1.77	76.11

FHWA Type EV3 emergency ve	0.62	26.66
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.97	84.71
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	2.56	110.08
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	0.48	20.64
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	5.47	235.21
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.94	83.42
FHWA Type EV3 emergency ve	1.97	84.71
FHWA Type EV3 emergency ve	1.75	75.25
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	2.22	95.46
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	2.11	90.73
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	4.69	201.67
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.75	75.25
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	3.59	154.37
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	2.15	92.45
FHWA Type EV3 emergency ve	0.16	6.88
FHWA Type EV3 emergency ve	1.97	84.71
FHWA Type EV3 emergency ve	0.82	35.26
FHWA Type EV3 emergency ve	1.04	44.72

FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	2.32	99.76
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.97	84.71
FHWA Type EV3 emergency ve	0.49	21.07
FHWA Type EV3 emergency ve	1.54	66.22
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	3.82	164.26
FHWA Type EV3 emergency ve	1.66	71.38
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	0.64	27.52
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	2.60	111.80
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	2.15	92.45
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.82	78.26
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	2.77	119.11
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	0.00	0.00
FHWA Type EV3 emergency ve	0.34	14.62
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	2.14	92.02
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	4.75	204.25
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	2.70	116.10

FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	0.93	39.99
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	0.88	37.84
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	2.71	116.53
FHWA Type EV3 emergency ve	1.87	80.41
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.69	72.67
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	8.32	357.76
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	3.43	147.49
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	0.57	24.51
FHWA Type EV3 emergency ve	2.72	116.96
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	3.58	153.94
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	0.91	39.13
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	2.20	94.60
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	0.93	39.99
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	2.93	125.99
FHWA Type EV3 emergency ve	2.10	90.30

FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	2.34	100.62
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	2.49	107.07
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	0.95	40.85
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	0.27	11.61
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	3.03	130.29
FHWA Type EV3 emergency ve	3.82	164.26
FHWA Type EV3 emergency ve	1.66	71.38
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	2.25	96.75
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	0.66	28.38
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	0.33	14.19
FHWA Type EV3 emergency ve	0.92	39.56
FHWA Type EV3 emergency ve	2.33	100.19
FHWA Type EV3 emergency ve	1.75	75.25
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	0.80	34.40
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	2.48	106.64
FHWA Type EV3 emergency ve	2.17	93.31
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	2.68	115.24
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	4.07	175.01
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	2.84	122.12
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	2.17	93.31
FHWA Type EV3 emergency ve	2.99	128.57
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	2.96	127.28
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	0.79	33.97
FHWA Type EV3 emergency ve	2.85	122.55
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	0.73	31.39
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	2.73	117.39
FHWA Type EV3 emergency ve	0.37	15.91
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.28	55.04

FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	2.50	107.50
FHWA Type EV3 emergency ve	2.50	107.50
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	6.22	267.46
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	2.53	108.79
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.71	73.53
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	2.99	128.57
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	2.20	94.60
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	2.93	125.99
FHWA Type EV3 emergency ve	2.64	113.52
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.10	90.30
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	2.17	93.31
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve	2.00	86.00

FHWA Type EV3 emergency ve	0.66	28.38
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	0.75	32.25
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	0.07	3.01
FHWA Type EV3 emergency ve	2.34	100.62
FHWA Type EV3 emergency ve	2.43	104.49
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	0.41	17.63
FHWA Type EV3 emergency ve	0.25	10.75
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	3.74	160.82
FHWA Type EV3 emergency ve	2.60	111.80
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	2.49	107.07
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	3.73	160.39
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	2.82	121.26
FHWA Type EV3 emergency ve	3.35	144.05
FHWA Type EV3 emergency ve	1.96	84.28
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	0.73	31.39
FHWA Type EV3 emergency ve	0.65	27.95
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	2.95	126.85
FHWA Type EV3 emergency ve	5.05	217.15
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	0.28	12.04
FHWA Type EV3 emergency ve	0.98	42.14
FHWA Type EV3 emergency ve	2.22	95.46
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	5.63	242.09
FHWA Type EV3 emergency ve	2.47	106.21

FHWA Type EV3 emergency ve	3.67	157.81
FHWA Type EV3 emergency ve	3.86	165.98
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	2.10	90.30
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	2.11	90.73
FHWA Type EV3 emergency ve	2.65	113.95
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	2.25	96.75
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	2.15	92.45
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	2.86	122.98
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	1.96	84.28
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.69	72.67
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	0.79	33.97
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.54	66.22
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.73	117.39
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	4.17	179.31
FHWA Type EV3 emergency ve	2.31	99.33
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	3.45	148.35
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	0.73	31.39
FHWA Type EV3 emergency ve	2.66	114.38
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	2.03	87.29
FHWA Type EV3 emergency ve	0.43	18.49
FHWA Type EV3 emergency ve	1.58	67.94

FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	1.89	81.27
FHWA Type EV3 emergency ve	1.80	77.40
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	8.76	376.68
FHWA Type EV3 emergency ve	0.27	11.61
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	2.42	104.06
FHWA Type EV3 emergency ve	4.05	174.15
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.54	66.22
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	0.49	21.07
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	4.26	183.18
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	1.74	74.82
FHWA Type EV3 emergency ve	4.84	208.12
FHWA Type EV3 emergency ve	2.64	113.52
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	2.11	90.73
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.85	79.55
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	3.97	170.71
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	2.93	125.99
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	0.88	37.84
FHWA Type EV3 emergency ve	1.38	59.34
FHWA Type EV3 emergency ve	2.35	101.05
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	0.28	12.04
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.87	80.41
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	3.17	136.31

FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	3.16	135.88
FHWA Type EV3 emergency ve	2.10	90.30
FHWA Type EV3 emergency ve	2.64	113.52
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	1.75	75.25
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	0.86	36.98
FHWA Type EV3 emergency ve	3.65	156.95
FHWA Type EV3 emergency ve	1.96	84.28
FHWA Type EV3 emergency ve	4.87	209.41
FHWA Type EV3 emergency ve	1.71	73.53
FHWA Type EV3 emergency ve	0.71	30.53
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.87	80.41
FHWA Type EV3 emergency ve	0.78	33.54
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	0.52	22.36
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	3.17	136.31
FHWA Type EV3 emergency ve	3.87	166.41
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	2.68	115.24
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	3.33	143.19
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	2.42	104.06
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.94	83.42
FHWA Type EV3 emergency ve	2.36	101.48
FHWA Type EV3 emergency ve	0.86	36.98
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.82	78.26
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	2.06	88.58
FHWA Type EV3 emergency ve	1.27	54.61

FHWA Type EV3 emergency ve	2.54	109.22
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	3.09	132.87
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	3.00	129.00
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	0.81	34.83
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	0.78	33.54
FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	0.84	36.12
FHWA Type EV3 emergency ve	0.61	26.23
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	0.79	33.97
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	2.56	110.08
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	4.37	187.91
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	2.81	120.83
FHWA Type EV3 emergency ve	0.28	12.04
FHWA Type EV3 emergency ve	2.38	102.34
FHWA Type EV3 emergency ve	0.83	35.69
FHWA Type EV3 emergency ve	1.97	84.71
FHWA Type EV3 emergency ve	3.02	129.86
FHWA Type EV3 emergency ve	0.71	30.53
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	10.00	430.00
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	10.07	433.01
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.78	76.54
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.92	82.56
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.31	56.33

FHWA Type EV3 emergency ve	3.74	160.82
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	0.55	23.65
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.74	74.82
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	0.50	21.50
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	0.00	0.00
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	2.86	122.98
FHWA Type EV3 emergency ve	3.29	141.47
FHWA Type EV3 emergency ve	0.65	27.95
FHWA Type EV3 emergency ve	1.87	80.41
FHWA Type EV3 emergency ve	2.44	104.92
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	0.83	35.69
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.73	74.39
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	2.66	114.38
FHWA Type EV3 emergency ve	0.97	41.71
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	3.85	165.55
FHWA Type EV3 emergency ve	6.03	259.29
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	2.85	122.55
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	2.87	123.41
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.42	61.06

FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	3.79	162.97
FHWA Type EV3 emergency ve	2.54	109.22
FHWA Type EV3 emergency ve	7.14	307.02
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	0.66	28.38
FHWA Type EV3 emergency ve	3.30	141.90
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	2.24	96.32
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.59	68.37
FHWA Type EV3 emergency ve	2.84	122.12
FHWA Type EV3 emergency ve	0.60	25.80
FHWA Type EV3 emergency ve	0.84	36.12
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	2.42	104.06
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	1.78	76.54
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	2.33	100.19
FHWA Type EV3 emergency ve	1.89	81.27
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	2.75	118.25
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	23.25	999.75
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	3.36	144.48
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	2.81	120.83
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.49	64.07

FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	2.68	115.24
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	2.47	106.21
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	2.86	122.98
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	0.93	39.99
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	4.01	172.43
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.62	69.66
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	2.03	87.29
FHWA Type EV3 emergency ve	1.87	80.41
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	8.20	352.60
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.80	77.40
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	0.74	31.82
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	2.63	113.09
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	0.71	30.53
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	0.37	15.91
FHWA Type EV3 emergency ve	0.20	8.60
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.92	82.56
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.42	61.06

FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	0.86	36.98
FHWA Type EV3 emergency ve	2.35	101.05
FHWA Type EV3 emergency ve	1.66	71.38
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	0.73	31.39
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	0.97	41.71
FHWA Type EV3 emergency ve	4.81	206.83
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	0.65	27.95
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	3.68	158.24
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	4.42	190.06
FHWA Type EV3 emergency ve	3.79	162.97
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	5.55	238.65
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	3.78	162.54
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	2.61	112.23
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	5.67	243.81
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	2.47	106.21
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	2.90	124.70
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	1.92	82.56
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	2.49	107.07
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.44	104.92
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	0.52	22.36

FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	2.89	124.27
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	0.98	42.14
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	3.11	133.73
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	2.44	104.92
FHWA Type EV3 emergency ve	2.83	121.69
FHWA Type EV3 emergency ve	3.47	149.21
FHWA Type EV3 emergency ve	1.74	74.82
FHWA Type EV3 emergency ve	5.01	215.43
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	2.25	96.75
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	9.67	415.81
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.62	69.66
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	2.71	116.53
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	3.13	134.59
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	2.53	108.79
FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	2.48	106.64
FHWA Type EV3 emergency ve	0.49	21.07
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.66	71.38
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	4.48	192.64
FHWA Type EV3 emergency ve	1.73	74.39
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	0.84	36.12
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	3.30	141.90
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	2.25	96.75

FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	2.22	95.46
FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	8.97	385.71
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	0.54	23.22
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	10.06	432.58
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	2.04	87.72
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	2.03	87.29
FHWA Type EV3 emergency ve	5.21	224.03
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	1.96	84.28
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	3.34	143.62
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	3.13	134.59
FHWA Type EV3 emergency ve	0.67	28.81
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	0.81	34.83
FHWA Type EV3 emergency ve	0.35	15.05
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	99.99	4,299.57
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	3.31	142.33
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	11.02	473.86
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	0.90	38.70
FHWA Type EV3 emergency ve	2.43	104.49
FHWA Type EV3 emergency ve	0.47	20.21
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	0.57	24.51
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	0.81	34.83
FHWA Type EV3 emergency ve	26.64	1,145.52

FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	0.87	37.41
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	23.23	998.89
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	0.87	37.41
FHWA Type EV3 emergency ve	1.66	71.38
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	0.97	41.71
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	2.45	105.35
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	0.16	6.88
FHWA Type EV3 emergency ve	2.39	102.77
FHWA Type EV3 emergency ve	2.56	110.08
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	10.40	447.20
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	0.61	26.23
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	4.29	184.47
FHWA Type EV3 emergency ve	2.65	113.95
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	5.66	243.38
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	2.62	112.66
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	5.63	242.09
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	1.92	82.56
FHWA Type EV3 emergency ve	2.46	105.78
FHWA Type EV3 emergency ve	0.63	27.09
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	1.73	74.39
FHWA Type EV3 emergency ve	1.60	68.80

FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	2.50	107.50
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	3.05	131.15
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	0.53	22.79
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.73	74.39
FHWA Type EV3 emergency ve	1.38	59.34
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	2.46	105.78
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	0.73	31.39
FHWA Type EV3 emergency ve	0.95	40.85
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	2.85	122.55
FHWA Type EV3 emergency ve	2.78	119.54
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	1.71	73.53
FHWA Type EV3 emergency ve	2.06	88.58
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	0.40	17.20
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.38	59.34
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	2.58	110.94
FHWA Type EV3 emergency ve	1.71	73.53
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	4.23	181.89
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	3.00	129.00
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	2.22	95.46
FHWA Type EV3 emergency ve	0.83	35.69
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	2.44	104.92

FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	0.91	39.13
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	0.88	37.84
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	0.33	14.19
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	6.18	265.74
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.99	85.57
FHWA Type EV3 emergency ve	2.80	120.40
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	0.83	35.69
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.82	78.26
FHWA Type EV3 emergency ve	1.85	79.55
FHWA Type EV3 emergency ve	2.18	93.74
FHWA Type EV3 emergency ve	2.91	125.13
FHWA Type EV3 emergency ve	1.59	68.37
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	0.30	12.90
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.87	80.41
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	0.98	42.14
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	3.79	162.97
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.44	61.92

FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	2.14	92.02
FHWA Type EV3 emergency ve	0.56	24.08
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	2.64	113.52
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	1.69	72.67
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	2.51	107.93
FHWA Type EV3 emergency ve	1.99	85.57
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	0.74	31.82
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	0.88	37.84
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	0.98	42.14
FHWA Type EV3 emergency ve	4.64	199.52
FHWA Type EV3 emergency ve	3.47	149.21
FHWA Type EV3 emergency ve	2.47	106.21
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	2.91	125.13
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	2.71	116.53
FHWA Type EV3 emergency ve	0.41	17.63
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	1.09	46.87

FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	0.27	11.61
FHWA Type EV3 emergency ve	1.78	76.54
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	4.81	206.83
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.69	72.67
FHWA Type EV3 emergency ve	0.94	40.42
FHWA Type EV3 emergency ve	0.27	11.61
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	3.49	150.07
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	3.53	151.79
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	0.62	26.66
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	2.13	91.59
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	4.47	192.21
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	2.52	108.36
FHWA Type EV3 emergency ve	4.82	207.26
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	5.44	233.92
FHWA Type EV3 emergency ve	2.77	119.11
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	2.20	94.60
FHWA Type EV3 emergency ve	2.03	87.29
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	3.22	138.46
FHWA Type EV3 emergency ve	0.37	15.91
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.94	83.42
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	1.00	43.00

FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	0.91	39.13
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	3.07	132.01
FHWA Type EV3 emergency ve	0.84	36.12
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	0.49	21.07
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	1.74	74.82
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	2.13	91.59
FHWA Type EV3 emergency ve	0.93	39.99
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	2.14	92.02
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.82	78.26
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	3.21	138.03
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	0.35	15.05
FHWA Type EV3 emergency ve	0.31	13.33
FHWA Type EV3 emergency ve	0.62	26.66
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	3.21	138.03
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	0.45	19.35
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	0.45	19.35
FHWA Type EV3 emergency ve	4.33	186.19
FHWA Type EV3 emergency ve	1.82	78.26
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	0.41	17.63
FHWA Type EV3 emergency ve	1.62	69.66
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	1.17	50.31

FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	0.28	12.04
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	2.14	92.02
FHWA Type EV3 emergency ve	2.35	101.05
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	2.64	113.52
FHWA Type EV3 emergency ve	8.03	345.29
FHWA Type EV3 emergency ve	1.94	83.42
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	4.16	178.88
FHWA Type EV3 emergency ve	0.87	37.41
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	0.84	36.12
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	0.84	36.12
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	2.55	109.65
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.54	66.22
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	13.63	586.09
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	0.16	6.88
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	0.23	9.89
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	0.71	30.53
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	0.56	24.08
FHWA Type EV3 emergency ve	3.19	137.17
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	0.47	20.21
FHWA Type EV3 emergency ve	2.54	109.22
FHWA Type EV3 emergency ve	2.65	113.95
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	2.95	126.85

FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	0.81	34.83
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	2.70	116.10
FHWA Type EV3 emergency ve	2.65	113.95
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	0.49	21.07
FHWA Type EV3 emergency ve	2.36	101.48
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve		
FHWA Type EV3 emergency ve	1.89	81.27
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	0.59	25.37
FHWA Type EV3 emergency ve	8.56	368.08
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	1.89	81.27
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	3.86	165.98
FHWA Type EV3 emergency ve	0.67	28.81
FHWA Type EV3 emergency ve	2.85	122.55
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	2.51	107.93
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	3.16	135.88
FHWA Type EV3 emergency ve	0.93	39.99
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	2.49	107.07
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	3.21	138.03
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	2.84	122.12
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	0.94	40.42
FHWA Type EV3 emergency ve	2.26	97.18

FHWA Type EV3 emergency ve	2.42	104.06
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	2.04	87.72
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	0.64	27.52
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	2.14	92.02
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.74	74.82
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	0.48	20.64
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	0.78	33.54
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	3.36	144.48
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	2.32	99.76
FHWA Type EV3 emergency ve	3.72	159.96
FHWA Type EV3 emergency ve	2.55	109.65
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	0.63	27.09
FHWA Type EV3 emergency ve	0.41	17.63
FHWA Type EV3 emergency ve	0.67	28.81
FHWA Type EV3 emergency ve	3.05	131.15
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	0.14	6.02
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	2.51	107.93
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	9.99	429.57

FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	2.04	87.72
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	0.12	5.16
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	0.97	41.71
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	0.33	14.19
FHWA Type EV3 emergency ve	0.19	8.17
FHWA Type EV3 emergency ve	2.67	114.81
FHWA Type EV3 emergency ve	0.23	9.89
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	5.89	253.27
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.59	68.37
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	3.18	136.74
FHWA Type EV3 emergency ve	0.47	20.21
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	0.86	36.98
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	2.15	92.45
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.19	51.17

FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.96	84.28
FHWA Type EV3 emergency ve	2.74	117.82
FHWA Type EV3 emergency ve	1.83	78.69

Posting Status Change Date (B.PS.02)	Open/Posted/Closed	Permanent/Temp/Supported	Load Posting Status (B.PS.01)
5/7/2024 12:00:00AM	Weight	Permanent	PP

Text of Load Posting Signs: EMERGENCY | VEHICLE | WEIGHT LIMIT | SINGLE AXLE 17T | TANDEM 25T | GROSS 35T

FHWA Type EV2 emergency ve		
FHWA Type EV2 emergency ve	0.00	0.00
FHWA Type EV2 emergency ve	4.03	115.86
FHWA Type EV2 emergency ve	0.00	0.00
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	2.74	117.82
FHWA Type EV3 emergency ve	1.96	84.28
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	2.15	92.45
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	0.86	36.98
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	0.47	20.21
FHWA Type EV3 emergency ve	3.18	136.74
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.59	68.37
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	5.89	253.27
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	0.23	9.89
FHWA Type EV3 emergency ve	2.67	114.81
FHWA Type EV3 emergency ve	0.19	8.17
FHWA Type EV3 emergency ve	0.33	14.19

FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	0.97	41.71
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	0.12	5.16
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	2.04	87.72
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	2.51	107.93
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	0.14	6.02
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	3.05	131.15
FHWA Type EV3 emergency ve	0.67	28.81
FHWA Type EV3 emergency ve	0.41	17.63
FHWA Type EV3 emergency ve	0.63	27.09
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	2.55	109.65
FHWA Type EV3 emergency ve	3.72	159.96
FHWA Type EV3 emergency ve	2.32	99.76
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	3.36	144.48
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	0.78	33.54
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	0.48	20.64
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.74	74.82
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	2.14	92.02
FHWA Type EV3 emergency ve	1.51	64.93

FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	0.64	27.52
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	2.04	87.72
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	2.42	104.06
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	0.94	40.42
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	2.84	122.12
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	3.21	138.03
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	2.49	107.07
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	0.93	39.99
FHWA Type EV3 emergency ve	3.16	135.88
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	2.51	107.93
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	2.85	122.55
FHWA Type EV3 emergency ve	0.67	28.81
FHWA Type EV3 emergency ve	3.86	165.98
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.89	81.27
FHWA Type EV3 emergency ve	1.63	70.09

FHWA Type EV3 emergency ve	8.56	368.08
FHWA Type EV3 emergency ve	0.59	25.37
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.89	81.27
FHWA Type EV3 emergency ve		
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	2.36	101.48
FHWA Type EV3 emergency ve	0.49	21.07
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	2.65	113.95
FHWA Type EV3 emergency ve	2.70	116.10
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	0.81	34.83
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	2.95	126.85
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	2.65	113.95
FHWA Type EV3 emergency ve	2.54	109.22
FHWA Type EV3 emergency ve	0.47	20.21
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	3.19	137.17
FHWA Type EV3 emergency ve	0.56	24.08
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	0.71	30.53
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	0.23	9.89
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	0.16	6.88
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	13.63	586.09
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.54	66.22
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	2.55	109.65

FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	0.84	36.12
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	0.84	36.12
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	0.87	37.41
FHWA Type EV3 emergency ve	4.16	178.88
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.94	83.42
FHWA Type EV3 emergency ve	8.03	345.29
FHWA Type EV3 emergency ve	2.64	113.52
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	2.35	101.05
FHWA Type EV3 emergency ve	2.14	92.02
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	0.28	12.04
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.62	69.66
FHWA Type EV3 emergency ve	0.41	17.63
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.82	78.26
FHWA Type EV3 emergency ve	4.33	186.19
FHWA Type EV3 emergency ve	0.45	19.35
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	0.45	19.35
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	3.21	138.03
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	0.62	26.66
FHWA Type EV3 emergency ve	0.31	13.33
FHWA Type EV3 emergency ve	0.35	15.05
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	3.21	138.03
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	1.82	78.26
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	2.14	92.02

FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	0.93	39.99
FHWA Type EV3 emergency ve	2.13	91.59
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.74	74.82
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	0.49	21.07
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	0.84	36.12
FHWA Type EV3 emergency ve	3.07	132.01
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	0.91	39.13
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	1.94	83.42
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	0.37	15.91
FHWA Type EV3 emergency ve	3.22	138.46
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	2.03	87.29
FHWA Type EV3 emergency ve	2.20	94.60
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	2.77	119.11
FHWA Type EV3 emergency ve	5.44	233.92
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	4.82	207.26
FHWA Type EV3 emergency ve	2.52	108.36
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	4.47	192.21
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	2.13	91.59
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	0.62	26.66
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	3.53	151.79
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	3.49	150.07
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	0.27	11.61

FHWA Type EV3 emergency ve	0.94	40.42
FHWA Type EV3 emergency ve	1.69	72.67
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	4.81	206.83
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	1.78	76.54
FHWA Type EV3 emergency ve	0.27	11.61
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	0.41	17.63
FHWA Type EV3 emergency ve	2.71	116.53
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	2.91	125.13
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	2.47	106.21
FHWA Type EV3 emergency ve	3.47	149.21
FHWA Type EV3 emergency ve	4.64	199.52
FHWA Type EV3 emergency ve	0.98	42.14
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	0.88	37.84
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	0.74	31.82
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.48	63.64

FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.99	85.57
FHWA Type EV3 emergency ve	2.51	107.93
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.69	72.67
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	2.64	113.52
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	0.56	24.08
FHWA Type EV3 emergency ve	2.14	92.02
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	3.79	162.97
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	0.98	42.14
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.87	80.41
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	0.30	12.90
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	1.59	68.37
FHWA Type EV3 emergency ve	2.91	125.13
FHWA Type EV3 emergency ve	2.18	93.74
FHWA Type EV3 emergency ve	1.85	79.55
FHWA Type EV3 emergency ve	1.82	78.26
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	0.83	35.69
FHWA Type EV3 emergency ve	1.04	44.72

FHWA Type EV3 emergency ve	2.80	120.40
FHWA Type EV3 emergency ve	1.99	85.57
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	6.18	265.74
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	0.33	14.19
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	0.88	37.84
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	0.91	39.13
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	2.44	104.92
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	0.83	35.69
FHWA Type EV3 emergency ve	2.22	95.46
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	3.00	129.00
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	4.23	181.89
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.71	73.53
FHWA Type EV3 emergency ve	2.58	110.94
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	1.38	59.34
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	0.40	17.20
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	2.06	88.58
FHWA Type EV3 emergency ve	1.71	73.53
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	2.78	119.54
FHWA Type EV3 emergency ve	2.85	122.55
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	0.95	40.85
FHWA Type EV3 emergency ve	0.73	31.39
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	2.46	105.78
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.70	73.10

FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.38	59.34
FHWA Type EV3 emergency ve	1.73	74.39
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	0.53	22.79
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	3.05	131.15
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	2.50	107.50
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.73	74.39
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	0.63	27.09
FHWA Type EV3 emergency ve	2.46	105.78
FHWA Type EV3 emergency ve	1.92	82.56
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	5.63	242.09
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	2.62	112.66
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	5.66	243.38
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	2.65	113.95
FHWA Type EV3 emergency ve	4.29	184.47
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	0.61	26.23
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	10.40	447.20
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	2.56	110.08
FHWA Type EV3 emergency ve	2.39	102.77
FHWA Type EV3 emergency ve	0.16	6.88
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	2.45	105.35
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.84	79.12

FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	0.97	41.71
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.66	71.38
FHWA Type EV3 emergency ve	0.87	37.41
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	23.23	998.89
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	0.87	37.41
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	26.64	1,145.52
FHWA Type EV3 emergency ve	0.81	34.83
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	0.57	24.51
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	0.47	20.21
FHWA Type EV3 emergency ve	2.43	104.49
FHWA Type EV3 emergency ve	0.90	38.70
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	11.02	473.86
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	3.31	142.33
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	99.99	4,299.57
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	0.35	15.05
FHWA Type EV3 emergency ve	0.81	34.83
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	0.67	28.81
FHWA Type EV3 emergency ve	3.13	134.59
FHWA Type EV3 emergency ve	1.26	54.18

FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	3.34	143.62
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.96	84.28
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	5.21	224.03
FHWA Type EV3 emergency ve	2.03	87.29
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	2.04	87.72
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	10.06	432.58
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	0.54	23.22
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	8.97	385.71
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	2.22	95.46
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	2.25	96.75
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	3.30	141.90
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	0.84	36.12
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.73	74.39
FHWA Type EV3 emergency ve	4.48	192.64
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.66	71.38
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	0.49	21.07
FHWA Type EV3 emergency ve	2.48	106.64
FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	2.53	108.79
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	3.13	134.59
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	2.71	116.53
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.62	69.66
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	9.67	415.81
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	2.25	96.75

FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	5.01	215.43
FHWA Type EV3 emergency ve	1.74	74.82
FHWA Type EV3 emergency ve	3.47	149.21
FHWA Type EV3 emergency ve	2.83	121.69
FHWA Type EV3 emergency ve	2.44	104.92
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	3.11	133.73
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	0.98	42.14
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	2.89	124.27
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	0.52	22.36
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.44	104.92
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	2.49	107.07
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	1.92	82.56
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	2.90	124.70
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	2.47	106.21
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	5.67	243.81
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	2.61	112.23
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	3.78	162.54
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	5.55	238.65
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	1.56	67.08

FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	3.79	162.97
FHWA Type EV3 emergency ve	4.42	190.06
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	3.68	158.24
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	0.65	27.95
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	4.81	206.83
FHWA Type EV3 emergency ve	0.97	41.71
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	0.73	31.39
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	1.66	71.38
FHWA Type EV3 emergency ve	2.35	101.05
FHWA Type EV3 emergency ve	0.86	36.98
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.92	82.56
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	0.20	8.60
FHWA Type EV3 emergency ve	0.37	15.91
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	0.71	30.53
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	2.63	113.09
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	0.74	31.82
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.80	77.40
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	8.20	352.60
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.87	80.41

FHWA Type EV3 emergency ve	2.03	87.29
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	1.62	69.66
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	4.01	172.43
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	0.93	39.99
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	2.86	122.98
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	2.47	106.21
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	2.68	115.24
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	2.81	120.83
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	3.36	144.48
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	23.25	999.75
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	2.75	118.25
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.89	81.27
FHWA Type EV3 emergency ve	2.33	100.19

FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.78	76.54
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	2.42	104.06
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	0.84	36.12
FHWA Type EV3 emergency ve	0.60	25.80
FHWA Type EV3 emergency ve	2.84	122.12
FHWA Type EV3 emergency ve	1.59	68.37
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	2.24	96.32
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	3.30	141.90
FHWA Type EV3 emergency ve	0.66	28.38
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	7.14	307.02
FHWA Type EV3 emergency ve	2.54	109.22
FHWA Type EV3 emergency ve	3.79	162.97
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	2.87	123.41
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	2.85	122.55
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	6.03	259.29
FHWA Type EV3 emergency ve	3.85	165.55
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	0.97	41.71
FHWA Type EV3 emergency ve	2.66	114.38
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.73	74.39
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	0.83	35.69
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	2.44	104.92
FHWA Type EV3 emergency ve	1.87	80.41
FHWA Type EV3 emergency ve	0.65	27.95
FHWA Type EV3 emergency ve	3.29	141.47

FHWA Type EV3 emergency ve	2.86	122.98
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	0.00	0.00
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	0.50	21.50
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.74	74.82
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	0.55	23.65
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	3.74	160.82
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	1.92	82.56
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.78	76.54
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	10.07	433.01
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	10.00	430.00
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	0.71	30.53
FHWA Type EV3 emergency ve	3.02	129.86
FHWA Type EV3 emergency ve	1.97	84.71
FHWA Type EV3 emergency ve	0.83	35.69
FHWA Type EV3 emergency ve	2.38	102.34
FHWA Type EV3 emergency ve	0.28	12.04
FHWA Type EV3 emergency ve	2.81	120.83
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	4.37	187.91
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	2.56	110.08
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	0.79	33.97
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	0.61	26.23
FHWA Type EV3 emergency ve	0.84	36.12

FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	0.78	33.54
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	0.81	34.83
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	3.00	129.00
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	3.09	132.87
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	2.54	109.22
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	2.06	88.58
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	1.82	78.26
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	0.86	36.98
FHWA Type EV3 emergency ve	2.36	101.48
FHWA Type EV3 emergency ve	1.94	83.42
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	2.42	104.06
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	3.33	143.19
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	2.68	115.24
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	3.87	166.41
FHWA Type EV3 emergency ve	3.17	136.31
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	0.52	22.36
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	0.78	33.54
FHWA Type EV3 emergency ve	1.87	80.41
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	0.71	30.53
FHWA Type EV3 emergency ve	1.71	73.53
FHWA Type EV3 emergency ve	4.87	209.41
FHWA Type EV3 emergency ve	1.96	84.28

FHWA Type EV3 emergency ve	3.65	156.95
FHWA Type EV3 emergency ve	0.86	36.98
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	1.75	75.25
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	2.64	113.52
FHWA Type EV3 emergency ve	2.10	90.30
FHWA Type EV3 emergency ve	3.16	135.88
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	3.17	136.31
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	1.87	80.41
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	0.28	12.04
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	2.35	101.05
FHWA Type EV3 emergency ve	1.38	59.34
FHWA Type EV3 emergency ve	0.88	37.84
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	2.93	125.99
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	3.97	170.71
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	1.85	79.55
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	2.11	90.73
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	2.64	113.52
FHWA Type EV3 emergency ve	4.84	208.12
FHWA Type EV3 emergency ve	1.74	74.82
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	1.27	54.61

FHWA Type EV3 emergency ve	4.26	183.18
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	0.49	21.07
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	1.54	66.22
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	4.05	174.15
FHWA Type EV3 emergency ve	2.42	104.06
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	0.27	11.61
FHWA Type EV3 emergency ve	8.76	376.68
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.80	77.40
FHWA Type EV3 emergency ve	1.89	81.27
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	0.43	18.49
FHWA Type EV3 emergency ve	2.03	87.29
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	2.66	114.38
FHWA Type EV3 emergency ve	0.73	31.39
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	3.45	148.35
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	2.31	99.33
FHWA Type EV3 emergency ve	4.17	179.31
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	2.73	117.39
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.54	66.22
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	0.79	33.97
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	1.69	72.67
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.96	84.28
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	2.86	122.98
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	2.15	92.45
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.61	69.23

FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	2.25	96.75
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	2.65	113.95
FHWA Type EV3 emergency ve	2.11	90.73
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	2.10	90.30
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	3.86	165.98
FHWA Type EV3 emergency ve	3.67	157.81
FHWA Type EV3 emergency ve	2.47	106.21
FHWA Type EV3 emergency ve	5.63	242.09
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	2.22	95.46
FHWA Type EV3 emergency ve	0.98	42.14
FHWA Type EV3 emergency ve	0.28	12.04
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	5.05	217.15
FHWA Type EV3 emergency ve	2.95	126.85
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	0.65	27.95
FHWA Type EV3 emergency ve	0.73	31.39
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.96	84.28
FHWA Type EV3 emergency ve	3.35	144.05
FHWA Type EV3 emergency ve	2.82	121.26
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	3.73	160.39
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.30	55.90

FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	2.49	107.07
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	2.60	111.80
FHWA Type EV3 emergency ve	3.74	160.82
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	0.25	10.75
FHWA Type EV3 emergency ve	0.41	17.63
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	2.43	104.49
FHWA Type EV3 emergency ve	2.34	100.62
FHWA Type EV3 emergency ve	0.07	3.01
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	0.75	32.25
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	0.66	28.38
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	2.17	93.31
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	2.10	90.30
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.64	113.52
FHWA Type EV3 emergency ve	2.93	125.99
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	2.20	94.60
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	2.99	128.57
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	1.71	73.53
FHWA Type EV3 emergency ve	1.27	54.61

FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.53	108.79
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	6.22	267.46
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	2.50	107.50
FHWA Type EV3 emergency ve	2.50	107.50
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	0.37	15.91
FHWA Type EV3 emergency ve	2.73	117.39
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	0.73	31.39
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	2.85	122.55
FHWA Type EV3 emergency ve	0.79	33.97
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	2.96	127.28
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	2.99	128.57
FHWA Type EV3 emergency ve	2.17	93.31
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	2.84	122.12
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	4.07	175.01
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	2.68	115.24
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	2.17	93.31
FHWA Type EV3 emergency ve	2.48	106.64
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	0.80	34.40
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.75	75.25
FHWA Type EV3 emergency ve	2.33	100.19
FHWA Type EV3 emergency ve	0.92	39.56
FHWA Type EV3 emergency ve	0.33	14.19
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.39	59.77

FHWA Type EV3 emergency ve	0.66	28.38
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	2.25	96.75
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.66	71.38
FHWA Type EV3 emergency ve	3.82	164.26
FHWA Type EV3 emergency ve	3.03	130.29
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	0.27	11.61
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	0.95	40.85
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	2.49	107.07
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	2.34	100.62
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	2.10	90.30
FHWA Type EV3 emergency ve	2.93	125.99
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	0.93	39.99
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	2.20	94.60
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	0.91	39.13
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	3.58	153.94
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	2.72	116.96
FHWA Type EV3 emergency ve	0.57	24.51
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	3.43	147.49
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	1.56	67.08

FHWA Type EV3 emergency ve	8.32	357.76
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	1.69	72.67
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.87	80.41
FHWA Type EV3 emergency ve	2.71	116.53
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	0.88	37.84
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	0.93	39.99
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	2.70	116.10
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	4.75	204.25
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	2.14	92.02
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	0.34	14.62
FHWA Type EV3 emergency ve	0.00	0.00
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	2.77	119.11
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.82	78.26
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	2.15	92.45
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	2.60	111.80

FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	0.64	27.52
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.66	71.38
FHWA Type EV3 emergency ve	3.82	164.26
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.54	66.22
FHWA Type EV3 emergency ve	0.49	21.07
FHWA Type EV3 emergency ve	1.97	84.71
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	2.32	99.76
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	0.82	35.26
FHWA Type EV3 emergency ve	1.97	84.71
FHWA Type EV3 emergency ve	0.16	6.88
FHWA Type EV3 emergency ve	2.15	92.45
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	3.59	154.37
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.75	75.25
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	4.69	201.67
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	2.11	90.73
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	2.22	95.46
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.75	75.25
FHWA Type EV3 emergency ve	1.97	84.71
FHWA Type EV3 emergency ve	1.94	83.42
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	5.47	235.21
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	0.48	20.64
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	2.56	110.08
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.55	66.65

FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	1.97	84.71
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	0.62	26.66
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	0.14	6.02
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	2.48	106.64
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	0.12	5.16
FHWA Type EV3 emergency ve	2.34	100.62
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	2.36	101.48
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	2.55	109.65
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	3.12	134.16
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	0.79	33.97
FHWA Type EV3 emergency ve	0.57	24.51
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	0.53	22.79
FHWA Type EV3 emergency ve	3.07	132.01
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	0.88	37.84
FHWA Type EV3 emergency ve	1.62	69.66
FHWA Type EV3 emergency ve	2.22	95.46
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.73	74.39
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	4.36	187.48

FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	2.03	87.29
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	0.79	33.97
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	0.92	39.56
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	3.16	135.88
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	3.08	132.44
FHWA Type EV3 emergency ve	1.75	75.25
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	0.52	22.36
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	0.91	39.13
FHWA Type EV3 emergency ve	2.70	116.10
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	0.64	27.52
FHWA Type EV3 emergency ve	1.85	79.55
FHWA Type EV3 emergency ve	10.37	445.91
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	1.69	72.67
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	0.71	30.53
FHWA Type EV3 emergency ve	2.13	91.59
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	2.72	116.96
FHWA Type EV3 emergency ve	1.22	52.46

FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	0.00	0.00
FHWA Type EV3 emergency ve	2.06	88.58
FHWA Type EV3 emergency ve	28.26	1,215.18
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	2.38	102.34
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.62	69.66
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.74	117.82
FHWA Type EV3 emergency ve	0.96	41.28
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	2.39	102.77
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	2.49	107.07
FHWA Type EV3 emergency ve	0.62	26.66
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.94	83.42
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	0.88	37.84
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	0.78	33.54
FHWA Type EV3 emergency ve	9.72	417.96
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.69	72.67
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	0.90	38.70
FHWA Type EV3 emergency ve	3.07	132.01
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	0.86	36.98
FHWA Type EV3 emergency ve	2.31	99.33
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	23.09	992.87
FHWA Type EV3 emergency ve	2.46	105.78
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.59	68.37
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	2.13	91.59
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	0.82	35.26
FHWA Type EV3 emergency ve	2.35	101.05

FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	0.99	42.57
FHWA Type EV3 emergency ve	2.58	110.94
FHWA Type EV3 emergency ve	1.73	74.39
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.16	49.88

Posting Status Change Date (B.PS.02)	Open/Posted/Closed	Permanent/Temp/Supported	Load Posting Status (B.PS.01)
5/7/2024 12:00:00AM	Weight	Permanent	PP

Text of Load Posting Signs: EMERGENCY | VEHICLE | WEIGHT LIMIT | SINGLE AXLE 17T | TANDEM 25T | GROSS 35T

FHWA Type EV2 emergency ve		
FHWA Type EV2 emergency ve	0.00	0.00
FHWA Type EV2 emergency ve	4.03	115.86
FHWA Type EV2 emergency ve	0.00	0.00
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	2.74	117.82
FHWA Type EV3 emergency ve	1.96	84.28
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	2.15	92.45
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	0.86	36.98
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	0.47	20.21
FHWA Type EV3 emergency ve	3.18	136.74
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.59	68.37
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	5.89	253.27
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.46	62.78

FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	0.23	9.89
FHWA Type EV3 emergency ve	2.67	114.81
FHWA Type EV3 emergency ve	0.19	8.17
FHWA Type EV3 emergency ve	0.33	14.19
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	0.97	41.71
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	0.12	5.16
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	2.04	87.72
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	2.51	107.93
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	0.14	6.02
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	3.05	131.15
FHWA Type EV3 emergency ve	0.67	28.81
FHWA Type EV3 emergency ve	0.41	17.63
FHWA Type EV3 emergency ve	0.63	27.09
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	2.55	109.65
FHWA Type EV3 emergency ve	3.72	159.96
FHWA Type EV3 emergency ve	2.32	99.76
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	3.36	144.48
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	0.78	33.54
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	0.48	20.64

FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.74	74.82
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	2.14	92.02
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	0.64	27.52
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	2.04	87.72
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	2.42	104.06
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	0.94	40.42
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	2.84	122.12
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	3.21	138.03
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	2.49	107.07
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	0.93	39.99
FHWA Type EV3 emergency ve	3.16	135.88
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	2.51	107.93
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	2.85	122.55
FHWA Type EV3 emergency ve	0.67	28.81
FHWA Type EV3 emergency ve	3.86	165.98

FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.89	81.27
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	8.56	368.08
FHWA Type EV3 emergency ve	0.59	25.37
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.89	81.27
FHWA Type EV3 emergency ve		
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	2.36	101.48
FHWA Type EV3 emergency ve	0.49	21.07
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	2.65	113.95
FHWA Type EV3 emergency ve	2.70	116.10
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	0.81	34.83
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	2.95	126.85
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	2.65	113.95
FHWA Type EV3 emergency ve	2.54	109.22
FHWA Type EV3 emergency ve	0.47	20.21
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	3.19	137.17
FHWA Type EV3 emergency ve	0.56	24.08
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	0.71	30.53
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	0.23	9.89
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	0.16	6.88
FHWA Type EV3 emergency ve	1.91	82.13

FHWA Type EV3 emergency ve	13.63	586.09
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.54	66.22
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	2.55	109.65
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	0.84	36.12
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	0.84	36.12
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	0.87	37.41
FHWA Type EV3 emergency ve	4.16	178.88
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.94	83.42
FHWA Type EV3 emergency ve	8.03	345.29
FHWA Type EV3 emergency ve	2.64	113.52
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	2.35	101.05
FHWA Type EV3 emergency ve	2.14	92.02
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	0.28	12.04
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.62	69.66
FHWA Type EV3 emergency ve	0.41	17.63
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.82	78.26
FHWA Type EV3 emergency ve	4.33	186.19
FHWA Type EV3 emergency ve	0.45	19.35
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	0.45	19.35
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	3.21	138.03
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	0.62	26.66
FHWA Type EV3 emergency ve	0.31	13.33
FHWA Type EV3 emergency ve	0.35	15.05
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	3.21	138.03
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	1.82	78.26
FHWA Type EV3 emergency ve	2.07	89.01

FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	2.14	92.02
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	0.93	39.99
FHWA Type EV3 emergency ve	2.13	91.59
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.74	74.82
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	0.49	21.07
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	0.84	36.12
FHWA Type EV3 emergency ve	3.07	132.01
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	0.91	39.13
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	1.94	83.42
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	0.37	15.91
FHWA Type EV3 emergency ve	3.22	138.46
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	2.03	87.29
FHWA Type EV3 emergency ve	2.20	94.60
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	2.77	119.11
FHWA Type EV3 emergency ve	5.44	233.92
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	4.82	207.26
FHWA Type EV3 emergency ve	2.52	108.36
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	4.47	192.21
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	2.13	91.59
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	0.62	26.66
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	3.53	151.79

FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	3.49	150.07
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	0.27	11.61
FHWA Type EV3 emergency ve	0.94	40.42
FHWA Type EV3 emergency ve	1.69	72.67
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	4.81	206.83
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	1.78	76.54
FHWA Type EV3 emergency ve	0.27	11.61
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	0.41	17.63
FHWA Type EV3 emergency ve	2.71	116.53
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	2.91	125.13
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	2.47	106.21
FHWA Type EV3 emergency ve	3.47	149.21
FHWA Type EV3 emergency ve	4.64	199.52
FHWA Type EV3 emergency ve	0.98	42.14
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	0.88	37.84
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	0.74	31.82

FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.99	85.57
FHWA Type EV3 emergency ve	2.51	107.93
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.69	72.67
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	2.64	113.52
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	0.56	24.08
FHWA Type EV3 emergency ve	2.14	92.02
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	3.79	162.97
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	0.98	42.14
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.87	80.41
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	0.30	12.90
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	1.59	68.37
FHWA Type EV3 emergency ve	2.91	125.13
FHWA Type EV3 emergency ve	2.18	93.74
FHWA Type EV3 emergency ve	1.85	79.55

FHWA Type EV3 emergency ve	1.82	78.26
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	0.83	35.69
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	2.80	120.40
FHWA Type EV3 emergency ve	1.99	85.57
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	6.18	265.74
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	0.33	14.19
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	0.88	37.84
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	0.91	39.13
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	2.44	104.92
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	0.83	35.69
FHWA Type EV3 emergency ve	2.22	95.46
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	3.00	129.00
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	4.23	181.89
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.71	73.53
FHWA Type EV3 emergency ve	2.58	110.94
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	1.38	59.34
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	0.40	17.20
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	2.06	88.58
FHWA Type EV3 emergency ve	1.71	73.53
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	2.78	119.54
FHWA Type EV3 emergency ve	2.85	122.55
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	0.95	40.85
FHWA Type EV3 emergency ve	0.73	31.39

FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	2.46	105.78
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.38	59.34
FHWA Type EV3 emergency ve	1.73	74.39
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	0.53	22.79
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	3.05	131.15
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	2.50	107.50
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.73	74.39
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	0.63	27.09
FHWA Type EV3 emergency ve	2.46	105.78
FHWA Type EV3 emergency ve	1.92	82.56
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	5.63	242.09
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	2.62	112.66
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	5.66	243.38
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	2.65	113.95
FHWA Type EV3 emergency ve	4.29	184.47
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	0.61	26.23
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	10.40	447.20
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	2.56	110.08
FHWA Type EV3 emergency ve	2.39	102.77
FHWA Type EV3 emergency ve	0.16	6.88
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	1.07	46.01

FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	2.45	105.35
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	0.97	41.71
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.66	71.38
FHWA Type EV3 emergency ve	0.87	37.41
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	23.23	998.89
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	0.87	37.41
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	26.64	1,145.52
FHWA Type EV3 emergency ve	0.81	34.83
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	0.57	24.51
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	0.47	20.21
FHWA Type EV3 emergency ve	2.43	104.49
FHWA Type EV3 emergency ve	0.90	38.70
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	11.02	473.86
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	3.31	142.33
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	99.99	4,299.57
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	0.35	15.05
FHWA Type EV3 emergency ve	0.81	34.83
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.95	83.85

FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	0.67	28.81
FHWA Type EV3 emergency ve	3.13	134.59
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	3.34	143.62
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.96	84.28
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	5.21	224.03
FHWA Type EV3 emergency ve	2.03	87.29
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	2.04	87.72
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	10.06	432.58
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	0.54	23.22
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	8.97	385.71
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	2.22	95.46
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	2.25	96.75
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	3.30	141.90
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	0.84	36.12
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.73	74.39
FHWA Type EV3 emergency ve	4.48	192.64
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.66	71.38
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	0.49	21.07
FHWA Type EV3 emergency ve	2.48	106.64
FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	2.53	108.79
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	3.13	134.59
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	2.71	116.53
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.25	53.75

FHWA Type EV3 emergency ve	1.62	69.66
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	9.67	415.81
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	2.25	96.75
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	5.01	215.43
FHWA Type EV3 emergency ve	1.74	74.82
FHWA Type EV3 emergency ve	3.47	149.21
FHWA Type EV3 emergency ve	2.83	121.69
FHWA Type EV3 emergency ve	2.44	104.92
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	3.11	133.73
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	0.98	42.14
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	2.89	124.27
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	0.52	22.36
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.44	104.92
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	2.49	107.07
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	1.92	82.56
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	2.90	124.70
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	2.47	106.21
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	5.67	243.81
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	2.61	112.23
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	3.78	162.54

FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	5.55	238.65
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	3.79	162.97
FHWA Type EV3 emergency ve	4.42	190.06
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	3.68	158.24
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	0.65	27.95
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	4.81	206.83
FHWA Type EV3 emergency ve	0.97	41.71
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	0.73	31.39
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	1.66	71.38
FHWA Type EV3 emergency ve	2.35	101.05
FHWA Type EV3 emergency ve	0.86	36.98
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.92	82.56
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	0.20	8.60
FHWA Type EV3 emergency ve	0.37	15.91
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	0.71	30.53
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	2.63	113.09
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	0.74	31.82
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.80	77.40
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	1.01	43.43

FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	8.20	352.60
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.87	80.41
FHWA Type EV3 emergency ve	2.03	87.29
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	1.62	69.66
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	4.01	172.43
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	0.93	39.99
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	2.86	122.98
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	2.47	106.21
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	2.68	115.24
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	2.81	120.83
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	3.36	144.48
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	23.25	999.75
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	2.75	118.25
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	2.30	98.90

FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.89	81.27
FHWA Type EV3 emergency ve	2.33	100.19
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.78	76.54
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	2.42	104.06
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	0.84	36.12
FHWA Type EV3 emergency ve	0.60	25.80
FHWA Type EV3 emergency ve	2.84	122.12
FHWA Type EV3 emergency ve	1.59	68.37
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	2.24	96.32
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	3.30	141.90
FHWA Type EV3 emergency ve	0.66	28.38
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	7.14	307.02
FHWA Type EV3 emergency ve	2.54	109.22
FHWA Type EV3 emergency ve	3.79	162.97
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	2.87	123.41
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	2.85	122.55
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	6.03	259.29
FHWA Type EV3 emergency ve	3.85	165.55
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	0.97	41.71
FHWA Type EV3 emergency ve	2.66	114.38
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.73	74.39
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	0.83	35.69
FHWA Type EV3 emergency ve	2.26	97.18
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.10	47.30

FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	2.44	104.92
FHWA Type EV3 emergency ve	1.87	80.41
FHWA Type EV3 emergency ve	0.65	27.95
FHWA Type EV3 emergency ve	3.29	141.47
FHWA Type EV3 emergency ve	2.86	122.98
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	0.00	0.00
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	1.35	58.05
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	0.50	21.50
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.74	74.82
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	0.55	23.65
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	3.74	160.82
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	1.92	82.56
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.78	76.54
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	10.07	433.01
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	10.00	430.00
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	0.71	30.53
FHWA Type EV3 emergency ve	3.02	129.86
FHWA Type EV3 emergency ve	1.97	84.71
FHWA Type EV3 emergency ve	0.83	35.69
FHWA Type EV3 emergency ve	2.38	102.34
FHWA Type EV3 emergency ve	0.28	12.04
FHWA Type EV3 emergency ve	2.81	120.83
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	4.37	187.91
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	2.56	110.08
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	1.72	73.96

FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	0.79	33.97
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	0.61	26.23
FHWA Type EV3 emergency ve	0.84	36.12
FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	0.78	33.54
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	0.81	34.83
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	3.00	129.00
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	3.09	132.87
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	2.54	109.22
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	2.06	88.58
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	1.82	78.26
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	0.86	36.98
FHWA Type EV3 emergency ve	2.36	101.48
FHWA Type EV3 emergency ve	1.94	83.42
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	2.42	104.06
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	3.33	143.19
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	2.68	115.24
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	3.87	166.41
FHWA Type EV3 emergency ve	3.17	136.31
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	0.52	22.36
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	0.78	33.54
FHWA Type EV3 emergency ve	1.87	80.41

FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	0.71	30.53
FHWA Type EV3 emergency ve	1.71	73.53
FHWA Type EV3 emergency ve	4.87	209.41
FHWA Type EV3 emergency ve	1.96	84.28
FHWA Type EV3 emergency ve	3.65	156.95
FHWA Type EV3 emergency ve	0.86	36.98
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	1.75	75.25
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	2.64	113.52
FHWA Type EV3 emergency ve	2.10	90.30
FHWA Type EV3 emergency ve	3.16	135.88
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	3.17	136.31
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	1.87	80.41
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	0.28	12.04
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	2.35	101.05
FHWA Type EV3 emergency ve	1.38	59.34
FHWA Type EV3 emergency ve	0.88	37.84
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	2.93	125.99
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	3.97	170.71
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	1.85	79.55
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	2.11	90.73
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	2.64	113.52
FHWA Type EV3 emergency ve	4.84	208.12

FHWA Type EV3 emergency ve	1.74	74.82
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	4.26	183.18
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.23	52.89
FHWA Type EV3 emergency ve	0.49	21.07
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	1.54	66.22
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	4.05	174.15
FHWA Type EV3 emergency ve	2.42	104.06
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	0.27	11.61
FHWA Type EV3 emergency ve	8.76	376.68
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.80	77.40
FHWA Type EV3 emergency ve	1.89	81.27
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	0.43	18.49
FHWA Type EV3 emergency ve	2.03	87.29
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	2.66	114.38
FHWA Type EV3 emergency ve	0.73	31.39
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	3.45	148.35
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	2.31	99.33
FHWA Type EV3 emergency ve	4.17	179.31
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	2.73	117.39
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.54	66.22
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	0.79	33.97
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	1.69	72.67
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.96	84.28
FHWA Type EV3 emergency ve	1.83	78.69
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	2.86	122.98
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	2.15	92.45

FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	2.25	96.75
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	2.65	113.95
FHWA Type EV3 emergency ve	2.11	90.73
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	2.10	90.30
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	3.86	165.98
FHWA Type EV3 emergency ve	3.67	157.81
FHWA Type EV3 emergency ve	2.47	106.21
FHWA Type EV3 emergency ve	5.63	242.09
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	1.36	58.48
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	2.22	95.46
FHWA Type EV3 emergency ve	0.98	42.14
FHWA Type EV3 emergency ve	0.28	12.04
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	5.05	217.15
FHWA Type EV3 emergency ve	2.95	126.85
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	0.65	27.95
FHWA Type EV3 emergency ve	0.73	31.39
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.96	84.28
FHWA Type EV3 emergency ve	3.35	144.05
FHWA Type EV3 emergency ve	2.82	121.26
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	0.70	30.10

FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.48	63.64
FHWA Type EV3 emergency ve	3.73	160.39
FHWA Type EV3 emergency ve	1.81	77.83
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	2.49	107.07
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	2.60	111.80
FHWA Type EV3 emergency ve	3.74	160.82
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	0.25	10.75
FHWA Type EV3 emergency ve	0.41	17.63
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	2.43	104.49
FHWA Type EV3 emergency ve	2.34	100.62
FHWA Type EV3 emergency ve	0.07	3.01
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	0.75	32.25
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	0.66	28.38
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	2.17	93.31
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	2.10	90.30
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.64	113.52
FHWA Type EV3 emergency ve	2.93	125.99
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	2.20	94.60
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.10	47.30

FHWA Type EV3 emergency ve	2.99	128.57
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	1.71	73.53
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.53	108.79
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	6.22	267.46
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	2.50	107.50
FHWA Type EV3 emergency ve	2.50	107.50
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	0.37	15.91
FHWA Type EV3 emergency ve	2.73	117.39
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	0.73	31.39
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	2.85	122.55
FHWA Type EV3 emergency ve	0.79	33.97
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	2.96	127.28
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	2.99	128.57
FHWA Type EV3 emergency ve	2.17	93.31
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	2.84	122.12
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	1.90	81.70
FHWA Type EV3 emergency ve	4.07	175.01
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	2.68	115.24
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	2.17	93.31
FHWA Type EV3 emergency ve	2.48	106.64
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	0.80	34.40
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.75	75.25

FHWA Type EV3 emergency ve	2.33	100.19
FHWA Type EV3 emergency ve	0.92	39.56
FHWA Type EV3 emergency ve	0.33	14.19
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	0.66	28.38
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	2.25	96.75
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.66	71.38
FHWA Type EV3 emergency ve	3.82	164.26
FHWA Type EV3 emergency ve	3.03	130.29
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	0.27	11.61
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	0.95	40.85
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	2.49	107.07
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	2.34	100.62
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	2.10	90.30
FHWA Type EV3 emergency ve	2.93	125.99
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	0.93	39.99
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	2.20	94.60
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	0.91	39.13
FHWA Type EV3 emergency ve	2.16	92.88
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	1.32	56.76
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	3.58	153.94
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	2.72	116.96
FHWA Type EV3 emergency ve	0.57	24.51
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	3.43	147.49
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.30	55.90
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	1.27	54.61

FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	1.50	64.50
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	8.32	357.76
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.45	62.35
FHWA Type EV3 emergency ve	1.69	72.67
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	1.87	80.41
FHWA Type EV3 emergency ve	2.71	116.53
FHWA Type EV3 emergency ve	1.44	61.92
FHWA Type EV3 emergency ve	0.88	37.84
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	0.93	39.99
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	1.57	67.51
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	2.01	86.43
FHWA Type EV3 emergency ve	2.70	116.10
FHWA Type EV3 emergency ve	1.93	82.99
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	4.75	204.25
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.60	68.80
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	2.14	92.02
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	1.08	46.44
FHWA Type EV3 emergency ve	2.41	103.63
FHWA Type EV3 emergency ve	2.02	86.86
FHWA Type EV3 emergency ve	0.34	14.62
FHWA Type EV3 emergency ve	0.00	0.00
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	2.37	101.91
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	2.77	119.11
FHWA Type EV3 emergency ve	1.24	53.32
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.01	43.43
FHWA Type EV3 emergency ve	1.82	78.26
FHWA Type EV3 emergency ve	1.52	65.36
FHWA Type EV3 emergency ve	1.12	48.16
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	2.05	88.15

FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	2.15	92.45
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	2.60	111.80
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	0.64	27.52
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.66	71.38
FHWA Type EV3 emergency ve	3.82	164.26
FHWA Type EV3 emergency ve	2.40	103.20
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.54	66.22
FHWA Type EV3 emergency ve	0.49	21.07
FHWA Type EV3 emergency ve	1.97	84.71
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	2.32	99.76
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	0.82	35.26
FHWA Type EV3 emergency ve	1.97	84.71
FHWA Type EV3 emergency ve	0.16	6.88
FHWA Type EV3 emergency ve	2.15	92.45
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	3.59	154.37
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.75	75.25
FHWA Type EV3 emergency ve	1.02	43.86
FHWA Type EV3 emergency ve	1.04	44.72
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.51	64.93
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	4.69	201.67
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	2.11	90.73
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	2.22	95.46
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.75	75.25
FHWA Type EV3 emergency ve	1.97	84.71
FHWA Type EV3 emergency ve	1.94	83.42
FHWA Type EV3 emergency ve	1.10	47.30
FHWA Type EV3 emergency ve	5.47	235.21
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	0.48	20.64
FHWA Type EV3 emergency ve	0.44	18.92
FHWA Type EV3 emergency ve	1.28	55.04

FHWA Type EV3 emergency ve	2.56	110.08
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	9.99	429.57
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	2.21	95.03
FHWA Type EV3 emergency ve	1.53	65.79
FHWA Type EV3 emergency ve	1.97	84.71
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	2.05	88.15
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.91	82.13
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.86	79.98
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	0.62	26.66
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	0.14	6.02
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	1.13	48.59
FHWA Type EV3 emergency ve	2.48	106.64
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	0.12	5.16
FHWA Type EV3 emergency ve	2.34	100.62
FHWA Type EV3 emergency ve	1.17	50.31
FHWA Type EV3 emergency ve	2.36	101.48
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	2.55	109.65
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	3.12	134.16
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	1.20	51.60
FHWA Type EV3 emergency ve	0.79	33.97
FHWA Type EV3 emergency ve	0.57	24.51
FHWA Type EV3 emergency ve	2.19	94.17
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	1.42	61.06
FHWA Type EV3 emergency ve	0.53	22.79
FHWA Type EV3 emergency ve	3.07	132.01
FHWA Type EV3 emergency ve	1.64	70.52
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	0.88	37.84
FHWA Type EV3 emergency ve	1.62	69.66
FHWA Type EV3 emergency ve	2.22	95.46
FHWA Type EV3 emergency ve	1.34	57.62

FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	1.73	74.39
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	4.36	187.48
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	0.58	24.94
FHWA Type EV3 emergency ve	2.03	87.29
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	0.79	33.97
FHWA Type EV3 emergency ve	1.40	60.20
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	2.08	89.44
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	1.55	66.65
FHWA Type EV3 emergency ve	1.16	49.88
FHWA Type EV3 emergency ve	1.72	73.96
FHWA Type EV3 emergency ve	1.63	70.09
FHWA Type EV3 emergency ve	0.70	30.10
FHWA Type EV3 emergency ve	1.34	57.62
FHWA Type EV3 emergency ve	0.92	39.56
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.46	62.78
FHWA Type EV3 emergency ve	0.42	18.06
FHWA Type EV3 emergency ve	3.16	135.88
FHWA Type EV3 emergency ve	1.25	53.75
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	3.08	132.44
FHWA Type EV3 emergency ve	1.75	75.25
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.09	46.87
FHWA Type EV3 emergency ve	0.52	22.36
FHWA Type EV3 emergency ve	1.37	58.91
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.79	76.97
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	1.95	83.85
FHWA Type EV3 emergency ve	1.14	49.02
FHWA Type EV3 emergency ve	0.72	30.96
FHWA Type EV3 emergency ve	1.61	69.23
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	0.91	39.13
FHWA Type EV3 emergency ve	2.70	116.10
FHWA Type EV3 emergency ve	1.26	54.18
FHWA Type EV3 emergency ve	1.88	80.84
FHWA Type EV3 emergency ve	1.67	71.81
FHWA Type EV3 emergency ve	0.64	27.52
FHWA Type EV3 emergency ve	1.85	79.55
FHWA Type EV3 emergency ve	10.37	445.91
FHWA Type EV3 emergency ve	1.11	47.73
FHWA Type EV3 emergency ve	1.69	72.67
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.33	57.19

FHWA Type EV3 emergency ve	0.71	30.53
FHWA Type EV3 emergency ve	2.13	91.59
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	2.72	116.96
FHWA Type EV3 emergency ve	1.22	52.46
FHWA Type EV3 emergency ve	1.43	61.49
FHWA Type EV3 emergency ve	0.00	0.00
FHWA Type EV3 emergency ve	2.06	88.58
FHWA Type EV3 emergency ve	28.26	1,215.18
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.21	52.03
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	1.41	60.63
FHWA Type EV3 emergency ve	2.00	86.00
FHWA Type EV3 emergency ve	1.76	75.68
FHWA Type EV3 emergency ve	2.38	102.34
FHWA Type EV3 emergency ve	0.77	33.11
FHWA Type EV3 emergency ve	1.27	54.61
FHWA Type EV3 emergency ve	1.29	55.47
FHWA Type EV3 emergency ve	1.33	57.19
FHWA Type EV3 emergency ve	2.23	95.89
FHWA Type EV3 emergency ve	1.65	70.95
FHWA Type EV3 emergency ve	1.47	63.21
FHWA Type EV3 emergency ve	1.62	69.66
FHWA Type EV3 emergency ve	1.00	43.00
FHWA Type EV3 emergency ve	2.74	117.82
FHWA Type EV3 emergency ve	0.96	41.28
FHWA Type EV3 emergency ve	1.68	72.24
FHWA Type EV3 emergency ve	2.39	102.77
FHWA Type EV3 emergency ve	1.39	59.77
FHWA Type EV3 emergency ve	2.49	107.07
FHWA Type EV3 emergency ve	0.62	26.66
FHWA Type EV3 emergency ve	2.07	89.01
FHWA Type EV3 emergency ve	2.12	91.16
FHWA Type EV3 emergency ve	1.94	83.42
FHWA Type EV3 emergency ve	1.28	55.04
FHWA Type EV3 emergency ve	0.88	37.84
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	1.15	49.45
FHWA Type EV3 emergency ve	1.07	46.01
FHWA Type EV3 emergency ve	0.78	33.54
FHWA Type EV3 emergency ve	9.72	417.96
FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	1.58	67.94
FHWA Type EV3 emergency ve	1.69	72.67
FHWA Type EV3 emergency ve	1.98	85.14
FHWA Type EV3 emergency ve	2.09	89.87
FHWA Type EV3 emergency ve	0.90	38.70
FHWA Type EV3 emergency ve	3.07	132.01
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	0.86	36.98
FHWA Type EV3 emergency ve	2.31	99.33
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.84	79.12
FHWA Type EV3 emergency ve	1.31	56.33
FHWA Type EV3 emergency ve	23.09	992.87
FHWA Type EV3 emergency ve	2.46	105.78
FHWA Type EV3 emergency ve	1.19	51.17
FHWA Type EV3 emergency ve	1.05	45.15
FHWA Type EV3 emergency ve	1.59	68.37

FHWA Type EV3 emergency ve	1.49	64.07
FHWA Type EV3 emergency ve	2.13	91.59
FHWA Type EV3 emergency ve	2.30	98.90
FHWA Type EV3 emergency ve	0.82	35.26
FHWA Type EV3 emergency ve	2.35	101.05
FHWA Type EV3 emergency ve	1.06	45.58
FHWA Type EV3 emergency ve	1.77	76.11
FHWA Type EV3 emergency ve	1.56	67.08
FHWA Type EV3 emergency ve	0.99	42.57
FHWA Type EV3 emergency ve	2.58	110.94
FHWA Type EV3 emergency ve	1.73	74.39
FHWA Type EV3 emergency ve	1.03	44.29
FHWA Type EV3 emergency ve	2.28	98.04
FHWA Type EV3 emergency ve	1.18	50.74
FHWA Type EV3 emergency ve	1.70	73.10
FHWA Type EV3 emergency ve	1.16	49.88

Cross Sections

Streambed Cross Sections

Orientation: **Right View** **Offset:** **26.9** **Month/Year:** **03/2025**

Graph Line Settings

Name:	Streambed Cross Section	Color:	#5900FF	Show in Graph:	R
Style:	Solid			Show in Legend When Graphed:	R

General Information

Station Equation:		Offset Remark:	
Elevation Equation:		Elevation Basis:	Assumption
Soundings/Elevations Indicator:	Elevations	Water Surface:	-15.9
Location of Base Measurement:		Bridge Inspection:	03/10/2025

Station	Sounding/Elevation (ft)	Remarks
0 + 0	-10.6	
0 + 7	-12.2	
0 + 23	-21.6	
0 + 48	-24.5	
0 + 73	-27.1	
0 + 98	-27.8	
1 + 23	-27.6	
1 + 48	-26.2	
1 + 73	-17.7	
1 + 80	-14	
2 + 0	-13.4	

Orientation: **Right View** **Offset:** **26.9** **Month/Year:** **03/2024**

Graph Line Settings

Name:	Streambed Cross Section	Color:	#00FFFF	Show in Graph:	R
Style:	Solid			Show in Legend When Graphed:	R

General Information

Station Equation:		Offset Remark:	
Elevation Equation:		Elevation Basis:	Assumption
Soundings/Elevations Indicator:	Elevations	Water Surface:	-16.42
Location of Base Measurement:	Underside of Lower Chord	Bridge Inspection:	

Station	Sounding/Elevation (ft)	Remarks
0 + 0	-10.25	
0 + 7	-11.75	
0 + 23	-21.17	
0 + 48	-23.9	
0 + 73	-25.17	
0 + 98	-26	
1 + 23	-25.25	
1 + 48	-24.17	
1 + 73	-17.4	
1 + 80	-13.6	
2 + 0	-13.1	

Orientation: **Right View** **Offset:** **26.9** **Month/Year:** **05/2022**

Graph Line Settings

Name:	Streambed Cross Section	Color:	#00FFFF	Show in Graph:	R
Style:	Solid			Show in Legend When Graphed:	R

General Information

Station Equation:		Offset Remark:	
Elevation Equation:		Elevation Basis:	Assumption
Soundings/Elevations Indicator:	Elevations	Water Surface:	-12.33
Location of Base Measurement:	Underside of Lower Chord	Bridge Inspection:	

Station	Sounding/Elevation (ft)	Remarks

0 + 0	-10.25
0 + 7	-11.75
0 + 23	-21.17
0 + 48	-23.9
0 + 73	-25.17
0 + 98	-26
1 + 23	-25.25
1 + 48	-24.17
1 + 73	-17.4
1 + 80	-13.6
2 + 0	-13.1

Orientation: **Right View** **Offset:** **26.9** **Month/Year:** **05/2020**

Graph Line Settings

Name: Streambed Cross Section Color: #FF0000 Show in Graph: R

Style: Solid Show in Legend When Graphed: R

General Information

Station Equation: Offset Remark:

Elevation Equation: Elevation Basis: Assumption

Soundings/Elevations Indicator: Elevations Water Surface: -12.33

Location of Base Measurement: Underside of Lower Chord Bridge Inspection:

Station	Sounding/Elevation (ft)	Remarks
0 + 0	-10.25	
0 + 7	-11.75	
0 + 23	-21.17	
0 + 48	-23.9	
0 + 73	-25.17	
0 + 98	-26	
1 + 23	-25.25	
1 + 48	-24.17	
1 + 73	-17.4	
1 + 80	-13.6	
2 + 0	-13.1	

Scour Potential Evaluation

Graph Line Settings

Orientation: Style: Show in Graph:

Offset: Name: Show in Legend When Graphed:

Month/Year: Color:

General Information

Q Frequency: Month of Evaluation: Elevation Basis:

Station Equation: Year of Evaluation: Offset Left:

Elevation Equation: Location of Base Measurement: Offset Right:

Details

Station	Pier	Contraction Scour (ft)	Pier Scour (ft)	Total Scour (ft)	Remarks

No records to display.

Structure Detail

Graph Line Settings

Orientation:	Right View	Name:	Structure Detail	Style:	Solid	Color:	#00FF00

General Information

High Water Elevation:		Elevation Equation:		Location of Base Measurement:	Underside of Lower Chord
High Water Year:		Station Direction:	Increasing	Bent Direction:	Increasing
Upstream Side:	Unknown	Station Equation:		Elevation Basis:	Assumption
Downstream Side:	Unknown			Source:	Inspection

Details

Station	Reference Curb/Rail Elevation (ft)	Deck Elevation (ft)	Bottom Footing Elevation (ft)	Critical Pier Scour Depth (ft)	Pile Tip Elevation (ft)	Footing Type	Superstructure Thickness (ft)	Remarks
0 + 0			0	-10.25		Spread Footing		
2 + 0			0	-13.1		Spread Footing		

Original Streambed Elevation

SoundingElevationText

Graph Line Settings

Orientation:	Right View	Style:	Solid	Show in Graph:	R
Name:	Original Streambed Elevations	Color:	#00FF00	Show in Legend When Graphed:	R

General Information

Station Equation:		Original Month:	
Elevation Equation:		Original Year:	
Elevation Basis:	Assumption	Source:	Inspection
Location of Base Measurement:	Underside of Lower Chord	Soundings/Elevations Indicator:	Elevations

Details

Station	Sounding/Elevation (ft)	Remarks
0 + 0	-10.25	
0 + 7	-11.75	
0 + 23	-21.17	
0 + 48	-23.9	
0 + 73	-25.17	
0 + 98	-26	
1 + 23	-25.25	
1 + 48	-24.17	
1 + 73	-17.4	
1 + 80	-13.6	
2 + 0	-13.1	

Scour Resistant Layer

Graph Line Settings

Name:				Show in Graph:	
Style:		Color:		Show in Legend When Graphed:	

General Information

Elevation Equation:	Offset Left:	Rock Layer Description:	
Elevation Basis:	Offset Right:	Remark:	
Station Equation:			

Details

Station	Elevation (ft)

No records to display.

Inspection Details

Summary

Inspection Completion Date (B.IE.03):	2025-03-12	Inspector:	RICHARDSON, ANTHONY
Date Entered:	2025-04-02	Entered by:	SCHNEIDER, THOMAS
QA Date (B.IE.08):			
QC Date (B.IE.09):	2025-04-18		

Inspection Data Update Date (B.IE.10): 2025-04-14

Inspection Needs

NSTM Inspection Required (B.IR.01): Y NSTM inspection required

Fatigue Details (B.IR.02): Y E/E' details are present

Complex Features (B.IE.04): Bridge does not have complex fe

Schedule

Inspection Type	Required for Bridge	Inspection Being Performed (B.IE.01)	Inspector	Most Recent Inspection Date	Interval Method (B.IE.07)	Interval (months) (B.IE.05)	Inspection Due Date (B.IE.06)	Inspection Assignment Name	Inspection Assignment Group
Damage	£	£							
In-Depth	£	£							
Initial	£	£							
Load Rating	£	£							
NSTM	R	R	St Sauveur, Corey	3/10/2025	1 Method 1	12	3/10/2026	FC2 2025	TranSystems
Routine	R	R	St Sauveur, Corey	3/10/2025	1 Method 1	12	3/10/2026	FC2 2025	TranSystems
Scour Monitoring	£	£							
Service	£	£							
Special	R	R	St Sauveur, Corey	3/10/2025	1 Method 1	12	3/10/2026	FC2 2025	TranSystems
Underwater	£	£		1/1/1901		60	1/1/1901		
Unplanned Routine	£	£							

Review Information

66AE67B0BFE241078064A601253CA3BB

Step	Reviewer	Completed Date	Completed # of Days Since Inspection Begin Date	Days Remaining for Review

Work History & Needs

Work History

Year Work Performed (B.W.02)	Work Performed (B.W.03)	Description

Work Candidates

2020-05-11 Approved

1A845D4-B678-060220-CA4F6359CC - Correct Ped. Tripping Hazard

Date Recommended:	2020-05-11	Contact / User:	
Priority:	Medium	Target Year:	2020
Number of Locations:		Structure Unit:	0
Date Reviewed:		Source:	Inspector Recommended
Assigned:	Yes	Assignment:	Municipality

Description: [WSP] Repair settled approach sidewalks.
[JACOBS] The approach sidewalks have been repaired, with minor settlement noted at the Southeast repaired area - 03/13/2024.

Estimated Quantity:	12	Unit Cost:		Estimated Cost:	0.00
Date Completed:	2024-03-13	Federal Funds:		Final Cost:	

1A845D4-B678-060220-85ED27E5B1 - Deck Patching

Date Recommended:	2020-05-11	Contact / User:	
Priority:	Medium	Target Year:	2022
Number of Locations:		Structure Unit:	0
Date Reviewed:		Source:	Inspector Recommended
Assigned:	Yes	Assignment:	Municipality

Description: [WSP] Patch all spalls along the underside of the deck.

Estimated Quantity:	211	Unit Cost:		Estimated Cost:	36,561.00
Date Completed:	2025-04-25	Federal Funds:		Final Cost:	

2022-05-09 Approved

1A845D4-E3AF-060922-BE67EFB455 - Paint Bridge

Date Recommended:	2022-05-09	Contact / User:	
Priority:	Medium	Target Year:	2022
Number of Locations:		Structure Unit:	0
Date Reviewed:		Source:	Inspector Recommended
Assigned:	Yes	Assignment:	Municipality

Description: [TranSystems 2022]: Paint bridge or spot paint section loss to mitigate active corrosion to floorbeams and truss web members.

Estimated Quantity:	1	Unit Cost:		Estimated Cost:	
Date Completed:		Federal Funds:		Final Cost:	

2023-09-29

1A845D4-379C-093023-5B131332F8 - Clean Scupper

Date Recommended:	2023-09-29	Contact / User:	
Priority:		Target Year:	2023
Number of Locations:		Structure Unit:	0
Date Reviewed:		Source:	Inspector Recommended
Assigned:	Yes	Assignment:	Agency

Description: Generated by user "william.lucas@dot.ri.gov" on 9/30/2023.
Clean and flush Drains. Washed Deck- done by Bridge maintenance
work order 092923-042

[JACOBS] (Photo 87) 03/13/2024

Estimated Quantity:		Unit Cost:		Estimated Cost:	362.00
Date Completed:	2023-09-29	Federal Funds:		Final Cost:	

1A845D4-379C-093023-335AC46B58 - Wash Deck

Date Recommended:	2023-09-29	Contact / User:	
Priority:	Medium	Target Year:	2023
Number of Locations:		Structure Unit:	0
Date Reviewed:		Source:	Inspector Recommended
Assigned:	Yes	Assignment:	Municipality

Description: Generated by user "william.lucas@dot.ri.gov" on 9/30/2023.
Work order 092923-042

Estimated Quantity:		Unit Cost:		Estimated Cost:	4,299.00

Date Completed: 2023-09-29 Federal Funds: Final Cost:

2024-03-13 Approved

1A845D4-7156-041024-3DA54731EB - Miscellaneous

Date Recommended: 2024-03-13 Contact / User:
Priority: Medium Target Year: 2024
Number of Locations: Structure Unit: 0
Date Reviewed: Source: Inspector Recommended
Assigned: Yes Assignment: Municipality
Description: Repair undermining of drainage pipe/trough at Abutment 2.
Estimated Quantity: Unit Cost: Estimated Cost: 682,140.00
Date Completed: Federal Funds: Final Cost:

1A845D4-7156-040924-B2ADD3E3A2 - Steel Repairs

Date Recommended: 2024-03-13 Contact / User:
Priority: Medium Target Year: 2024
Number of Locations: Structure Unit: 0
Date Reviewed: Source: Inspector Recommended
Assigned: Yes Assignment: Municipality
Description: [JACOBS] Repair or replace sway bracing member SU5-NU5 that exhibits impact damage and excessive vibration under live loads.
Estimated Quantity: Unit Cost: Estimated Cost: 0.00
Date Completed: Federal Funds: Final Cost:

2024-05-01

1A845D4-B678-060220-5D3F6C72E9 - Miscellaneous

Date Recommended: 2024-05-01 Contact / User: DEWEI MENG
Priority: Target Year: 2024
Number of Locations: Structure Unit: 0
Date Reviewed: Source: Inspector Recommended
Assigned: Yes Assignment: Agency
Description: [RIDOT] Installation of bridge weight limit signs work order submitted on VueWorks. See bridge load restriction record in the posting folder for details.
Estimated Quantity: Unit Cost: Estimated Cost:
Date Completed: 2024-05-01 Federal Funds: Final Cost:

2025-04-25

1A845D4-7156-041124-T2ACR3F3Z9 - Clean Scupper

Date Recommended: 2025-04-25 Contact / User:
Priority: Medium Target Year: 2025
Number of Locations: 2 Structure Unit: 0
Date Reviewed: Source: Inspector Recommended
Assigned: No Assignment: Municipality
Description: [Transystems 2025] - The scuppers along both curbs are fully clogged with sand and debris.
Estimated Quantity: Unit Cost: Estimated Cost:
Date Completed: Federal Funds: Final Cost:

1A845D4-7156-041125-ZR1GM3F3U8 - Guardrail Repair

Date Recommended: 2025-04-25 Contact / User:
Priority: Medium Target Year: 2025
Number of Locations: 1 Structure Unit: 0
Date Reviewed: Source: Inspector Recommended
Assigned: No Assignment: Municipality
Description: [Transystems 2025] - The boxing glove of the Northeast approach guardrail is missing.
Estimated Quantity: Unit Cost: Estimated Cost:
Date Completed: Federal Funds: Final Cost:

1A845D4-7156-041126-ZY7GM2W5Y5 - Deck Patching

Date Recommended: 2025-04-25 Contact / User:

Priority:	High	Target Year:	2025
Number of Locations:		Structure Unit:	0
Date Reviewed:		Source:	Inspector Recommended
Assigned:	No	Assignment:	Contractor

Description: [Transystems 2025] - There are some spalls with exposed and debonded rebars that are rusting. Note: This is a re-issue of 1A845D4-B678-060220-85ED27E5B1 - Deck Patching work item that was created on 05-11-2020.

Estimated Quantity:	Unit Cost:	Estimated Cost:
Date Completed:	Federal Funds:	Final Cost:

Review Information

Step	Reviewer	Completed Date	Completed # of Days Since Inspection Begin Date	Days Remaining for Review

Procedures & Equipment

Procedures

IsCompleted	Name	Details

Procedure Notes

Equipment

Equipment Name	Code	Hours
NSTM		
A03 Under bridge inspection vehicle	A03	
A06 Boat	A06	
A01 Ladder	A01	
A02 Bucket lift vehicle	A02	
Routine		
A01 Ladder	A01	
A02 Bucket lift vehicle	A02	
A03 Under bridge inspection vehicle	A03	
A06 Boat	A06	
Special		
A06 Boat	A06	
A03 Under bridge inspection vehicle	A03	
A01 Ladder	A01	
A02 Bucket lift vehicle	A02	

Equipment Notes

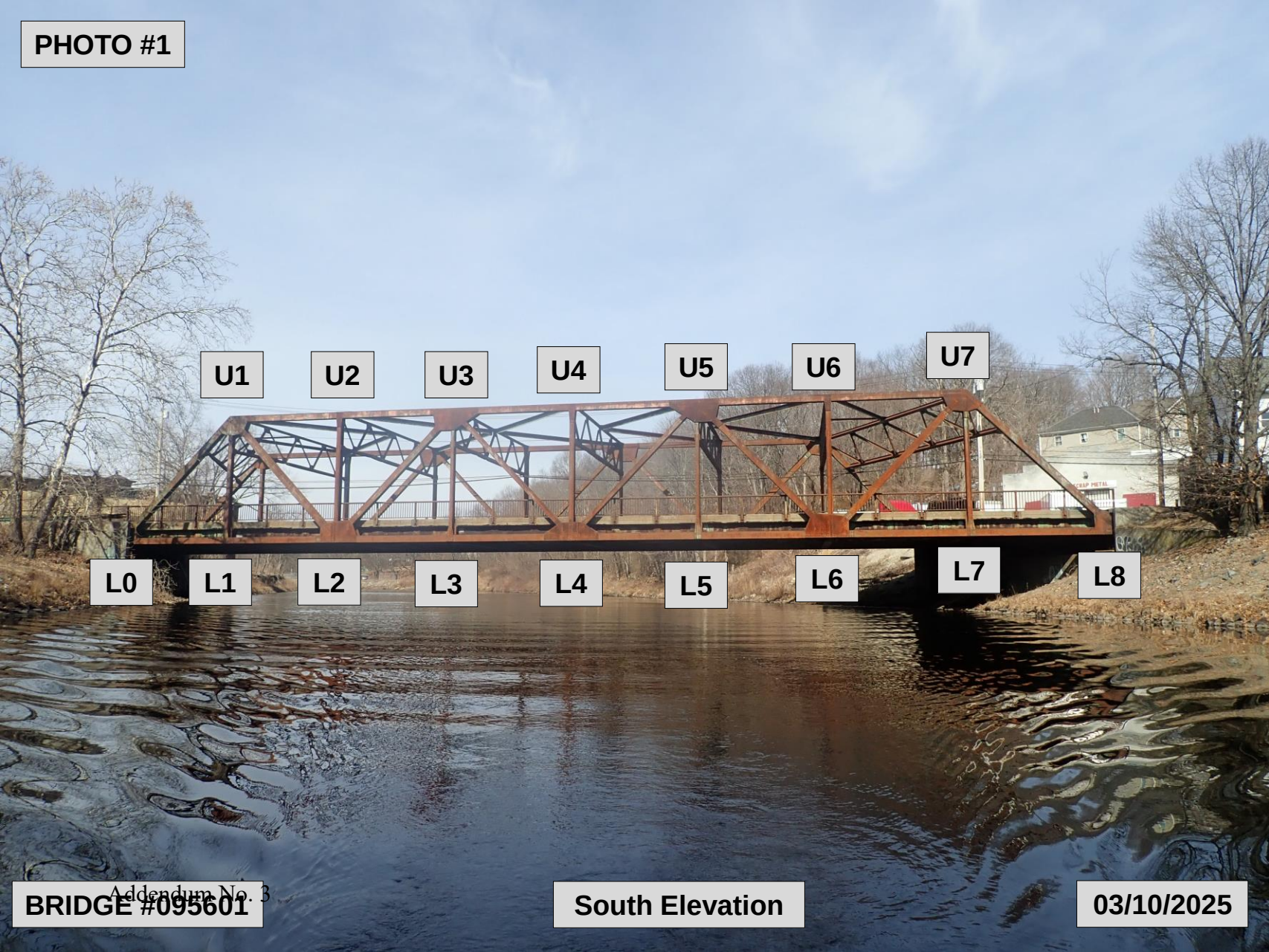


PHOTO #1
U1
U2
U3
U4
U5
U6
U7
L0
L1
L2
L3
L4
L5
L6
L7
L8
BRIDGE #095601
South Elevation
03/10/2025

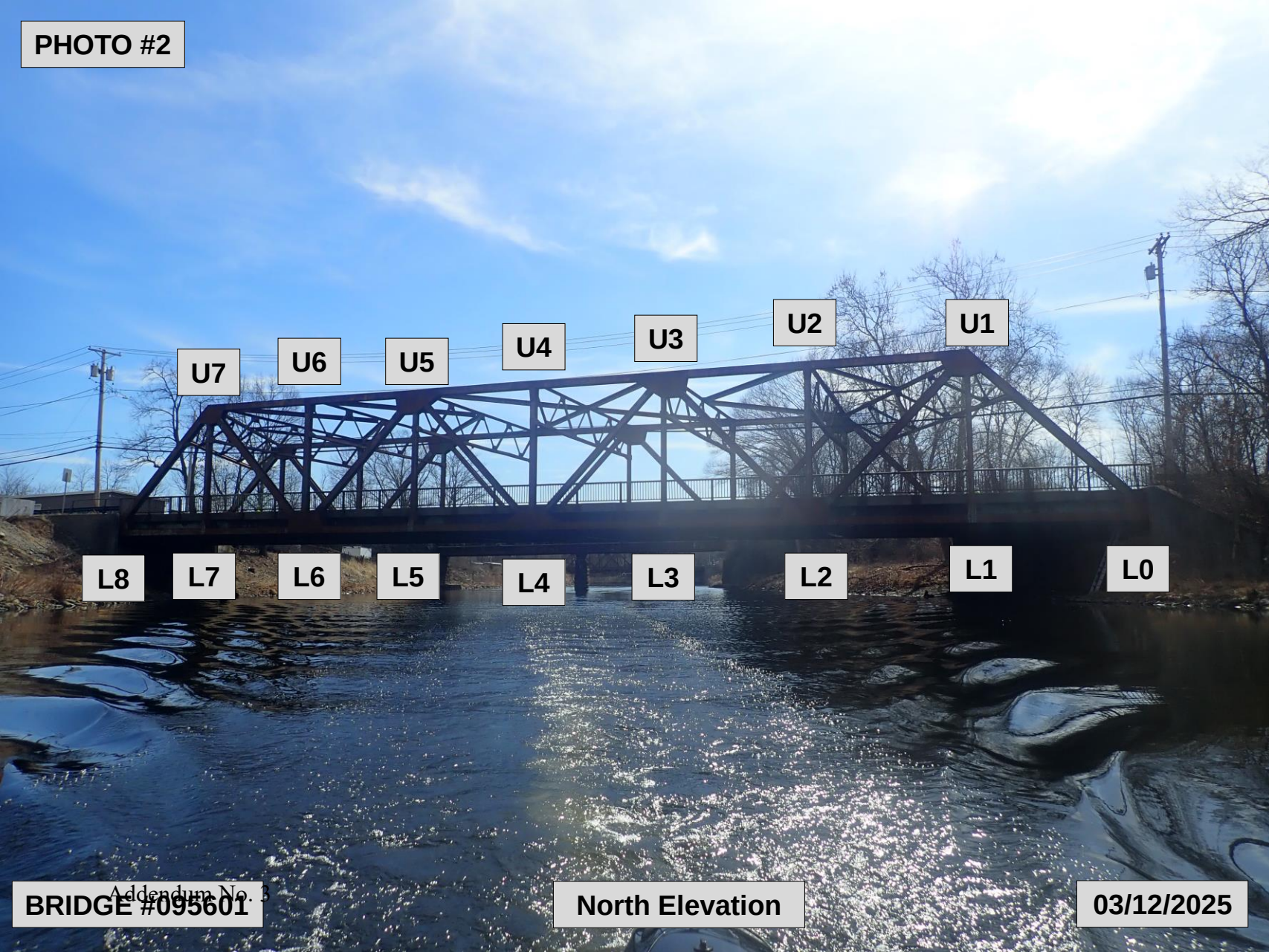


PHOTO #2
U7
U6
U5
U4
U3
U2
U1
L8
L7
L6
L5
L4
L3
L2
L1
L0
BRIDGE #095601
North Elevation
03/12/2025

PHOTO #3
BRIDGE #095601
Upstream, Looking North
03/12/2025

PHOTO #4
BRIDGE #095601
Downstream, Looking South
03/12/2025

Addendum No. 3

BRIDGE #095601

Bridge From The West Approach

03/12/2025

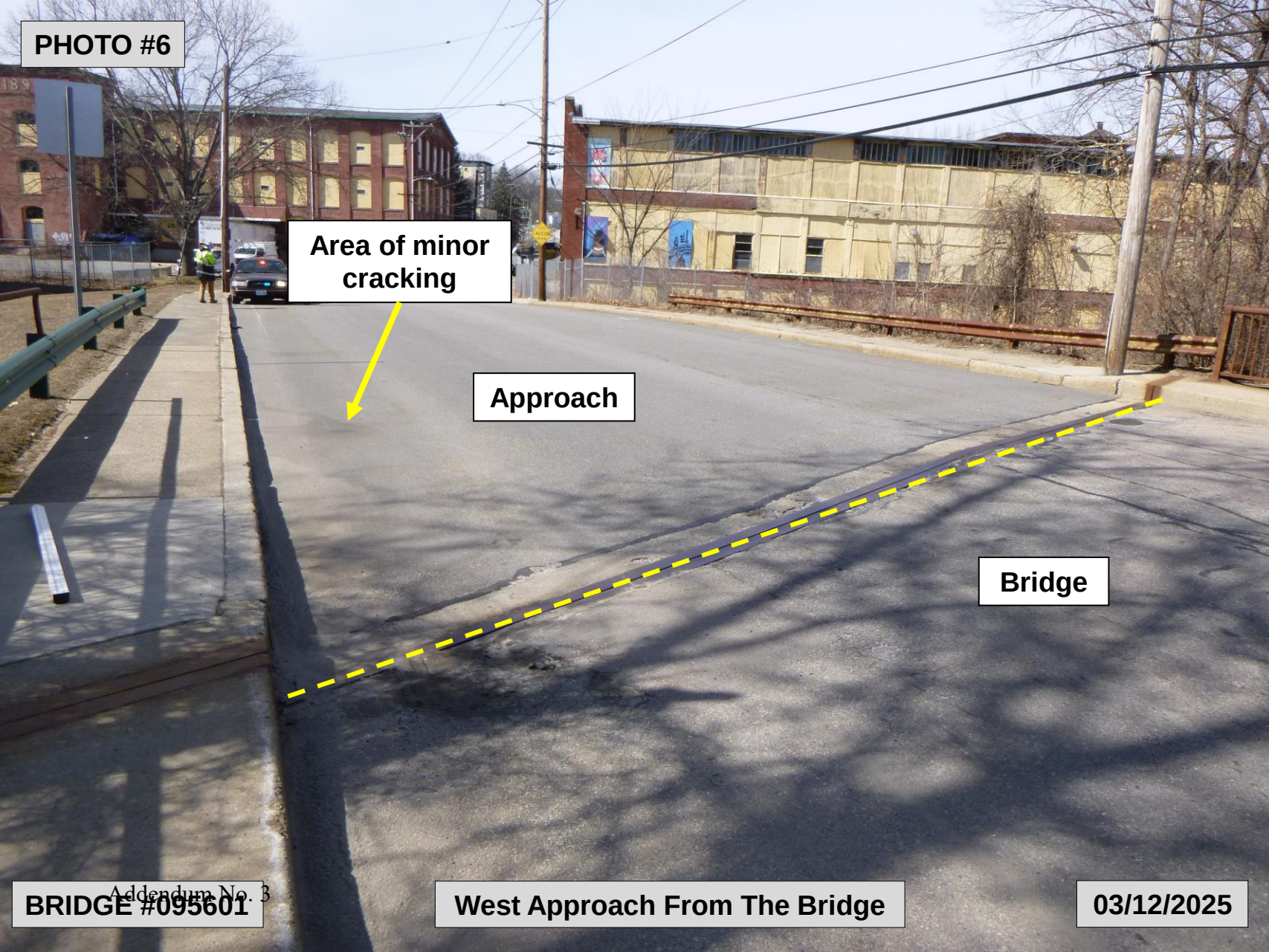


PHOTO #6
Area of minor cracking
Approach
Bridge
BRIDGE #095601
West Approach From The Bridge
03/12/2025

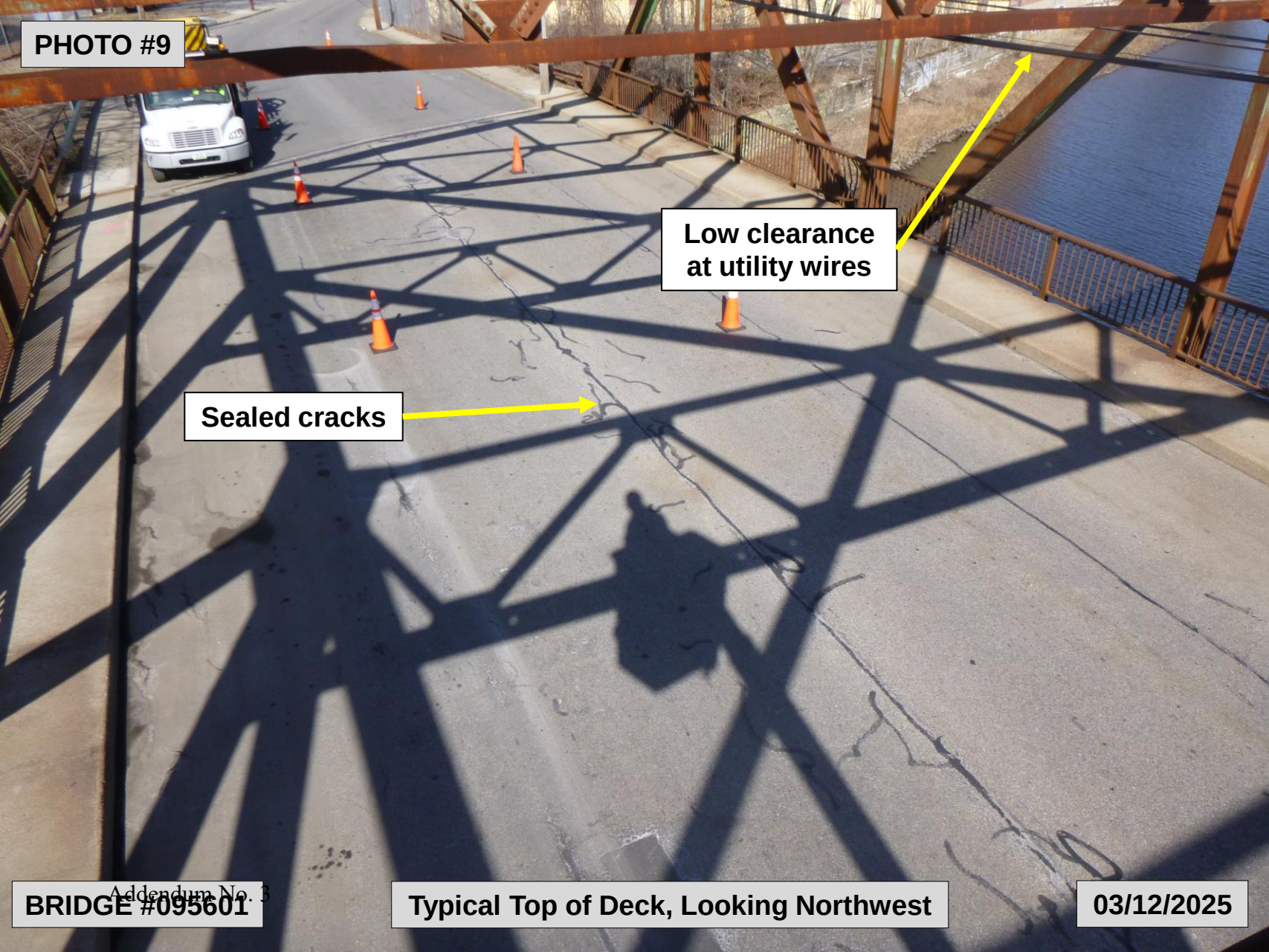
Addendum No. 3

BRIDGE #095601

Bridge From The East Approach

03/12/2025

PHOTO #8
Approach
Bridge
BRIDGE #095601
East Approach From The Bridge
03/12/2025

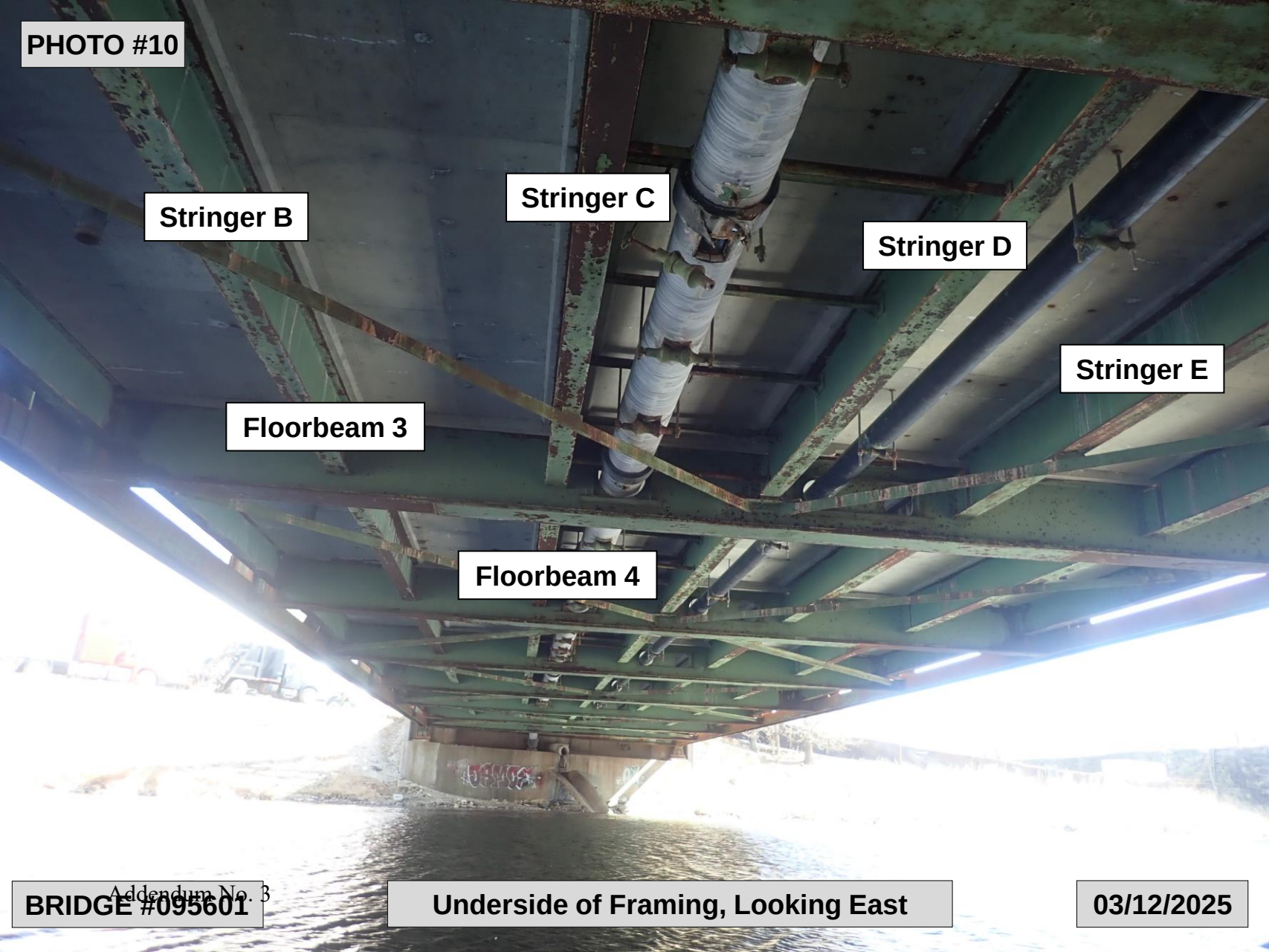


Addendum No. 3

BRIDGE #095601

Typical Top of Deck, Looking Northwest

03/12/2025



BRIDGE #095601 | Underside of Framing, Looking East | 03/12/2025

PHOTO #11
Missing insulation
Broken utility support
BRIDGE #095601
Bay C, Between Floorbeams 2 and 3, Looking Southwest
03/12/2025

PHOTO #12
Abandoned utility conduit
BRIDGE #095601
North Truss, Panel Point U5, Looking Northwest
03/12/2025

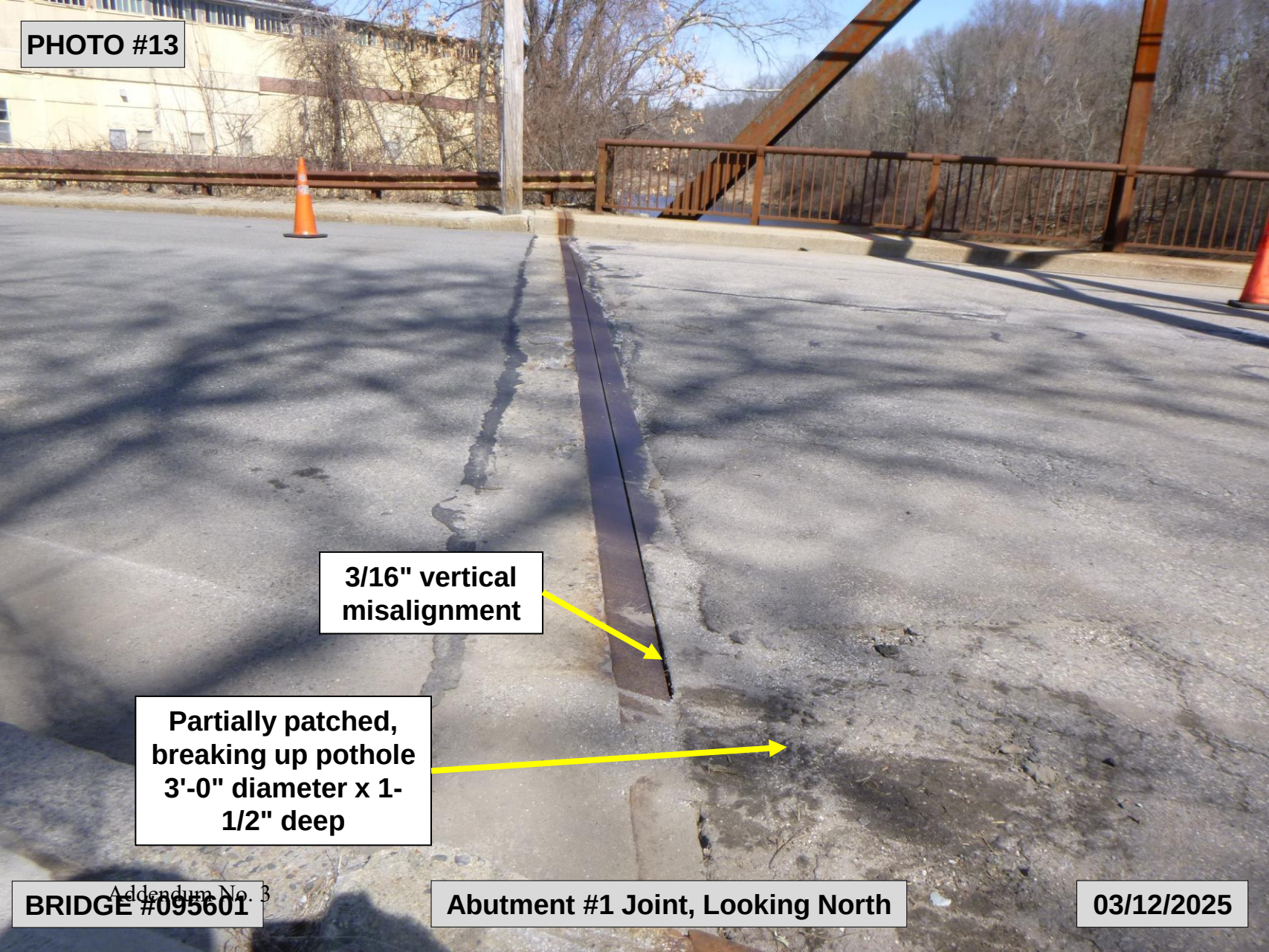


PHOTO #13
3/16" vertical misalignment
Partially patched, breaking up pothole 3'-0" diameter x 1-1/2" deep
BRIDGE #095601
Abutment #1 Joint, Looking North
03/12/2025

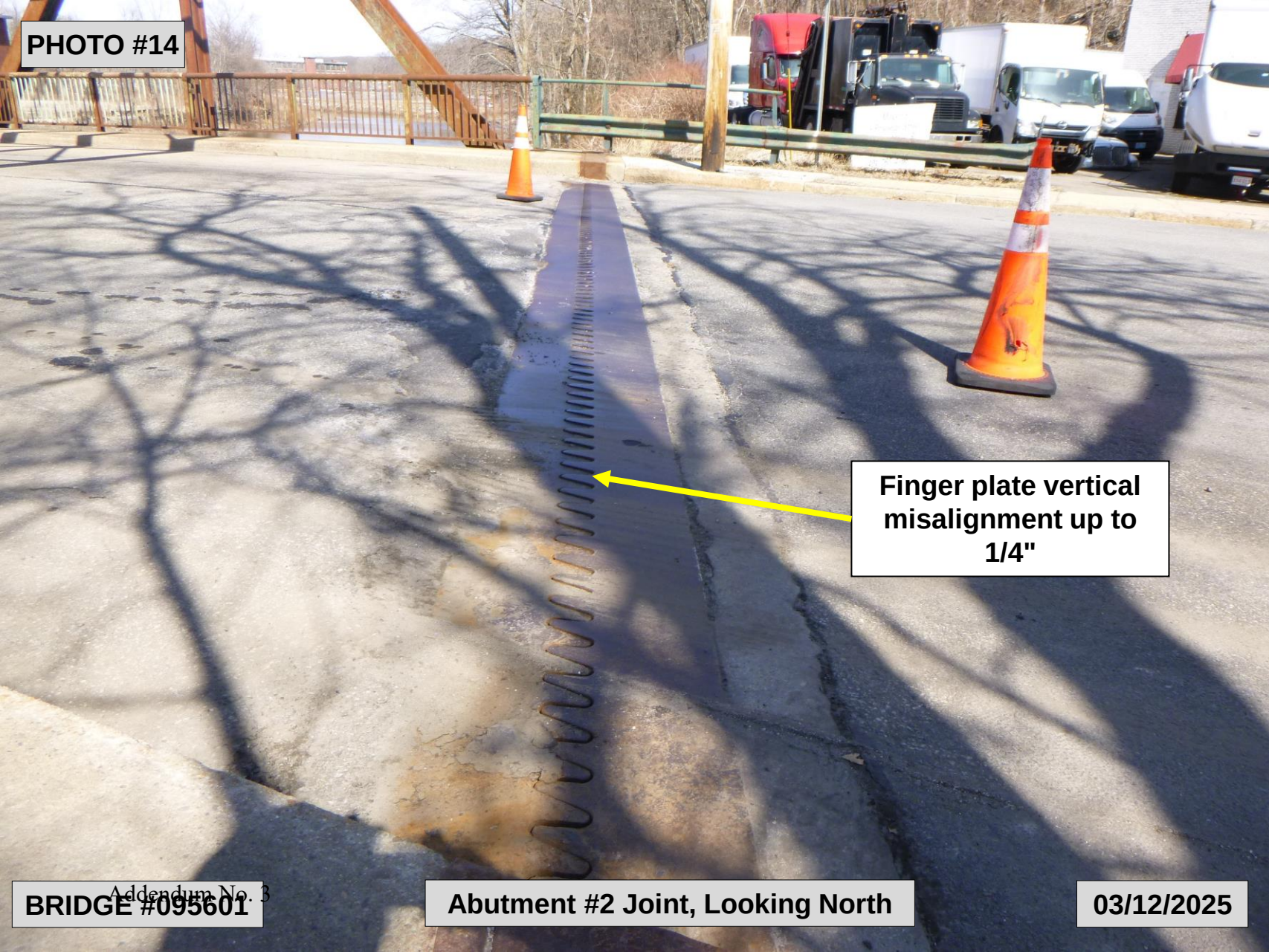
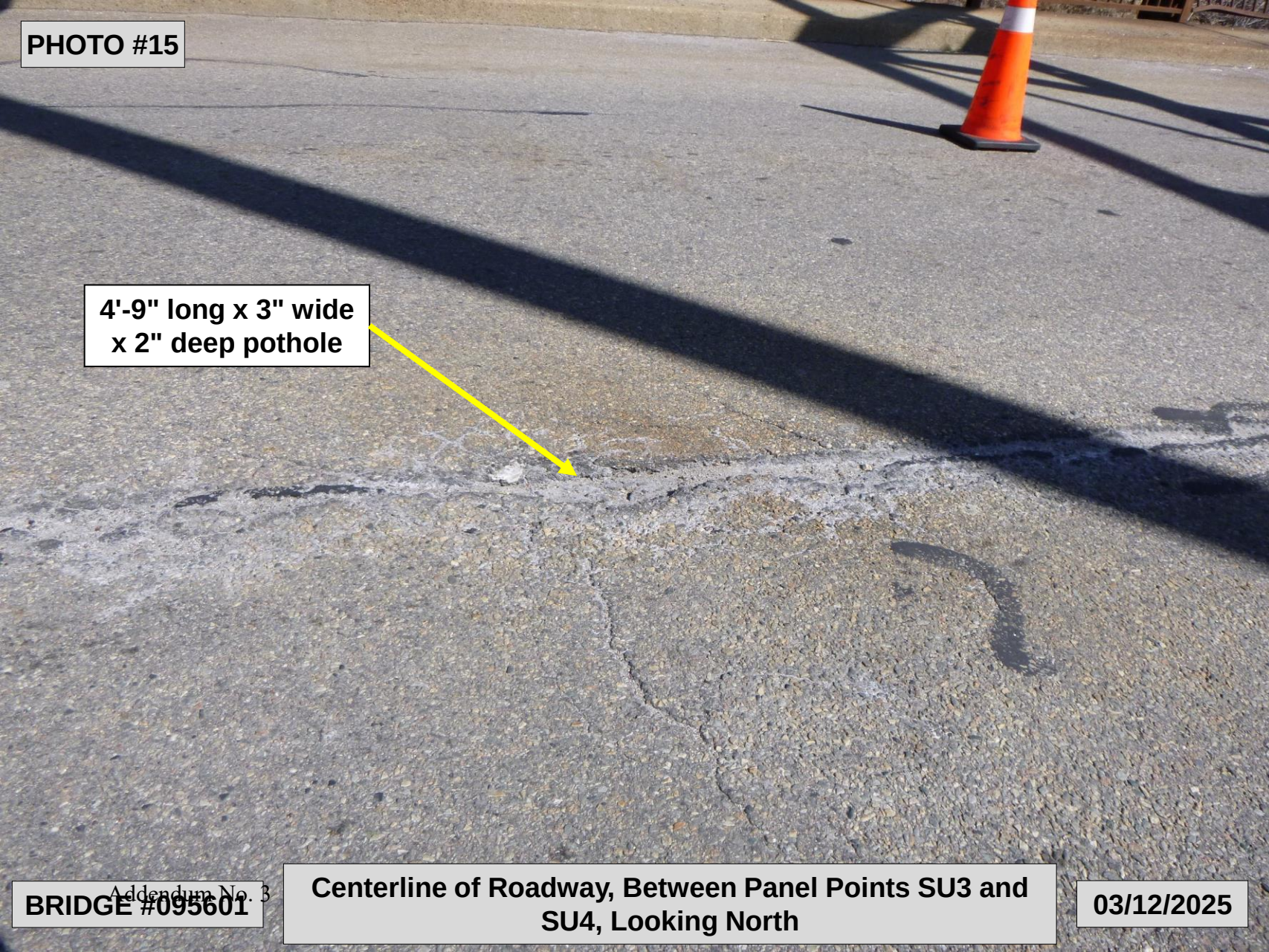


PHOTO #14
Finger plate vertical misalignment up to 1/4"
BRIDGE #095601
Abutment #2 Joint, Looking North
03/12/2025



BRIDGE #095601

Centerline of Roadway, Between Panel Points SU3 and SU4, Looking North

03/12/2025

PHOTO #16
Full width x full height x 4-1/2" deep haunch spall with exposed rebar
BRIDGE #095601
Bay A, at Floorbeam 4, Looking West
03/12/2025

BRIDGE #095601

South Overhang, Between Panel Points L3 and L4, Looking Northeast

03/12/2025

PHOTO #18
Scattered longitudinal and transverse cracks
Three (3) spalls with exposed reinforcing up to 1'-3" long x up to 8" wide x 2" deep
Efflorescence
Rust staining
BRIDGE #095601
Bay F, Between Floorbeams 4 and 5, Looking West
03/12/2025

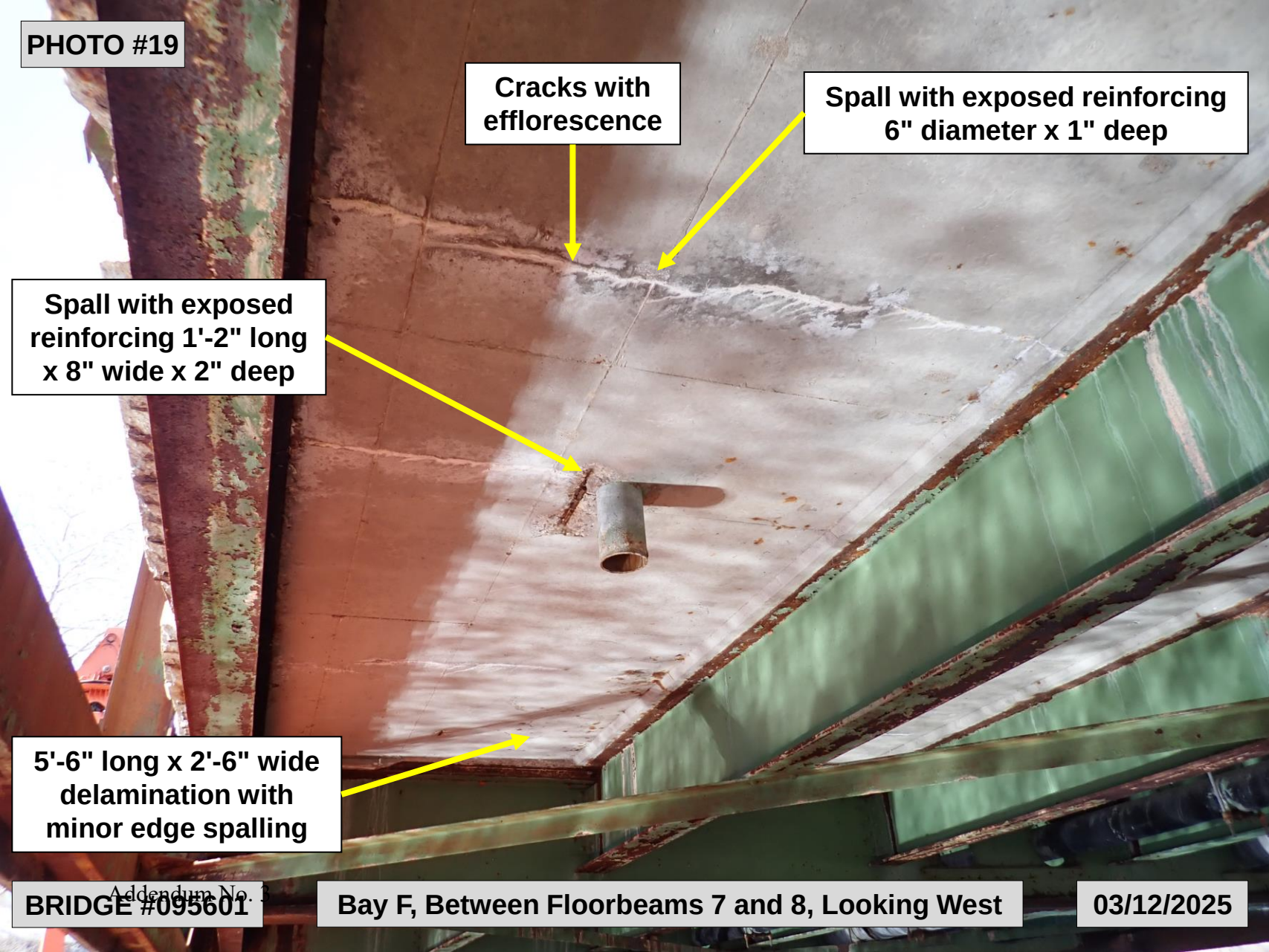
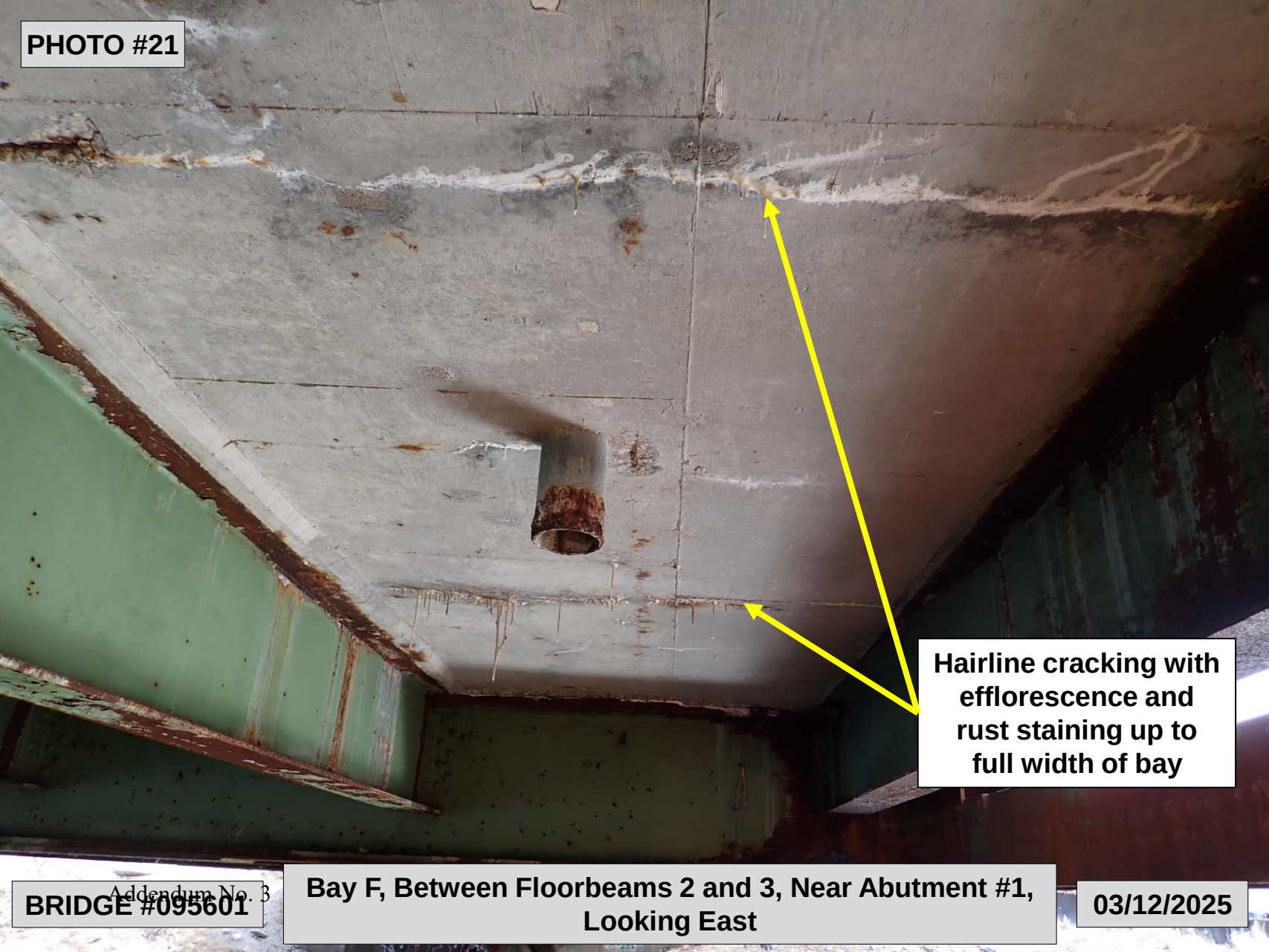


PHOTO #19
Cracks with efflorescence
Spall with exposed reinforcing 6" diameter x 1" deep
Spall with exposed reinforcing 1'-2" long x 8" wide x 2" deep
5'-6" long x 2'-6" wide delamination with minor edge spalling
BRIDGE #095601
Bay F, Between Floorbeams 7 and 8, Looking West
03/12/2025

PHOTO #20
Spall with exposed reinforcing up to full width x 2-1/2" deep with adjacent hollow areas up to 6" diameter.
BRIDGE #095601
North Overhang, Near Floorbeam 3, Looking West
03/12/2025



Addendum No. 3

BRIDGE #095601

Bay F, Between Floorbeams 2 and 3, Near Abutment #1, Looking East

03/12/2025

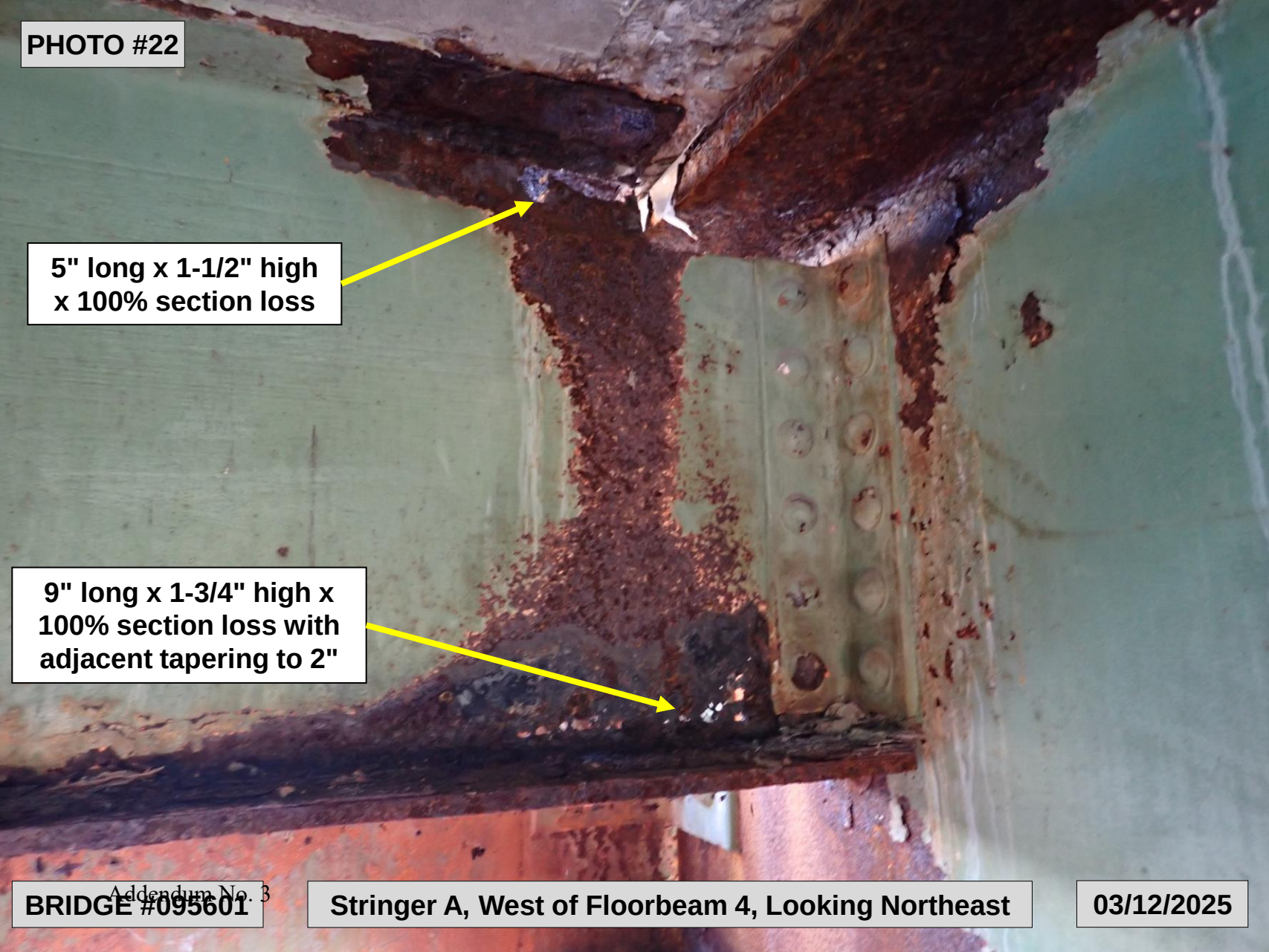
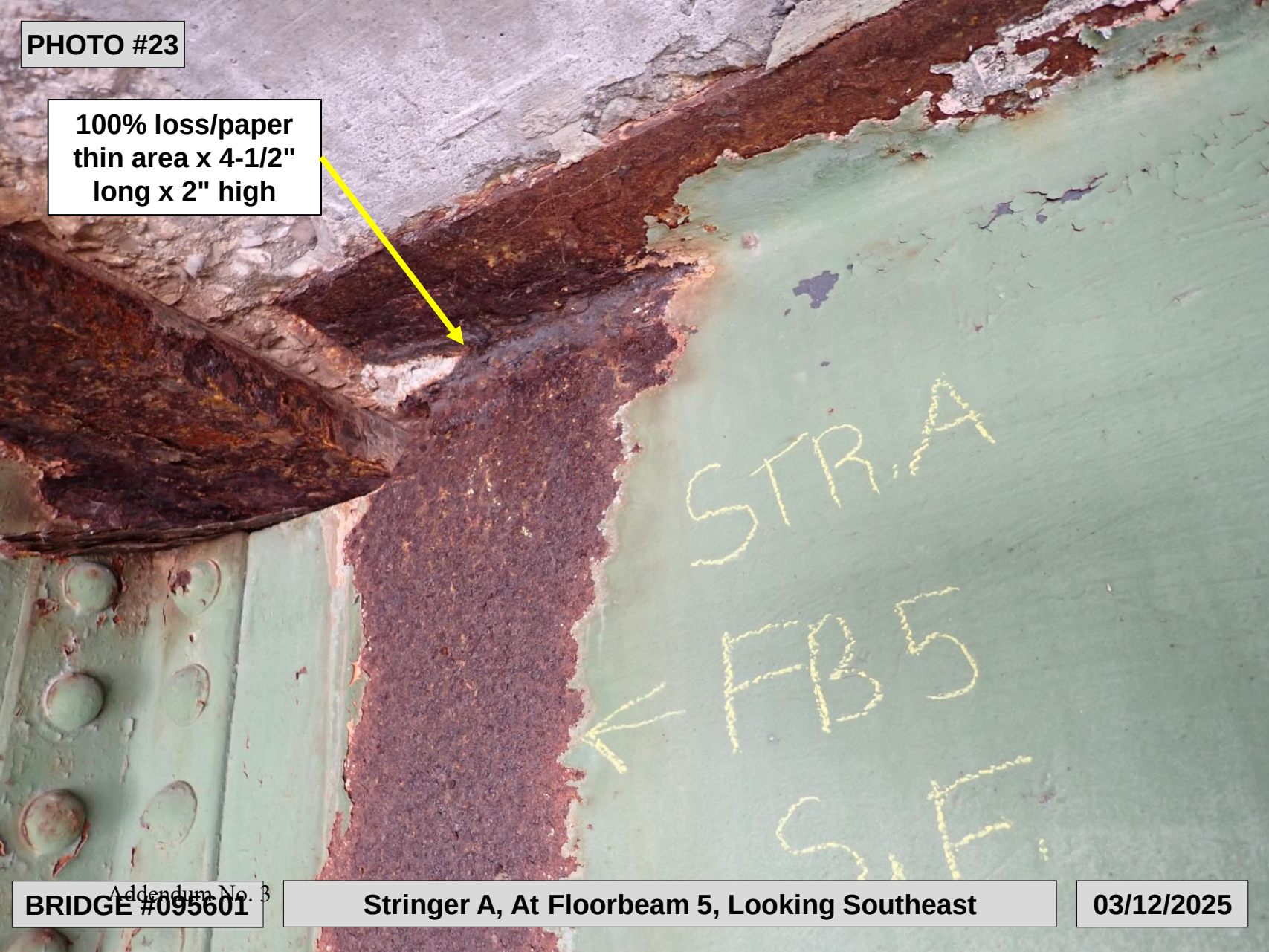


PHOTO #22
5" long x 1-1/2" high x 100% section loss
9" long x 1-3/4" high x 100% section loss with adjacent tapering to 2"
BRIDGE #095601
Stringer A, West of Floorbeam 4, Looking Northeast
03/12/2025



Addendum No. 3

BRIDGE #095601 | Stringer A, At Floorbeam 5, Looking Southeast | 03/12/2025

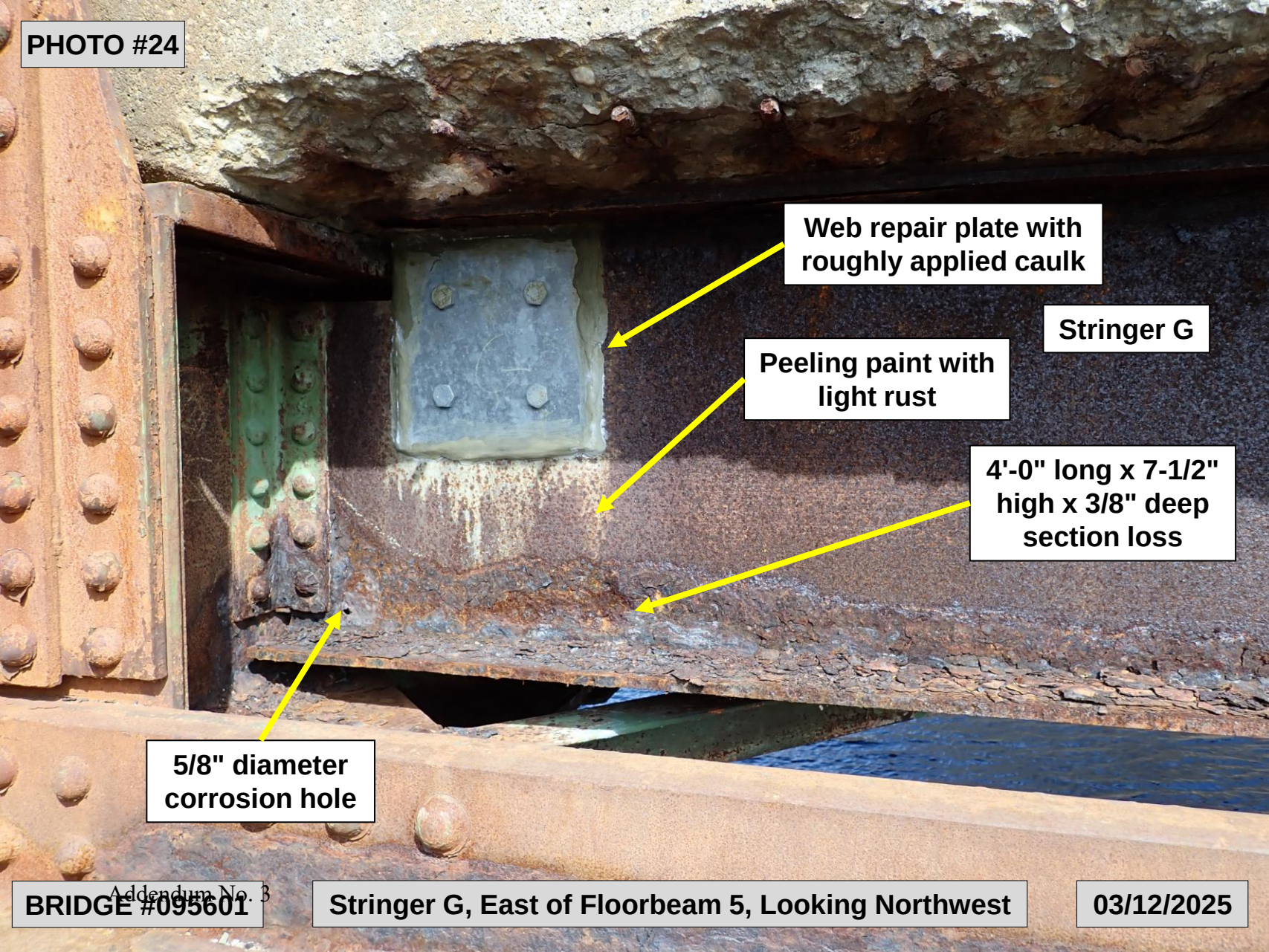


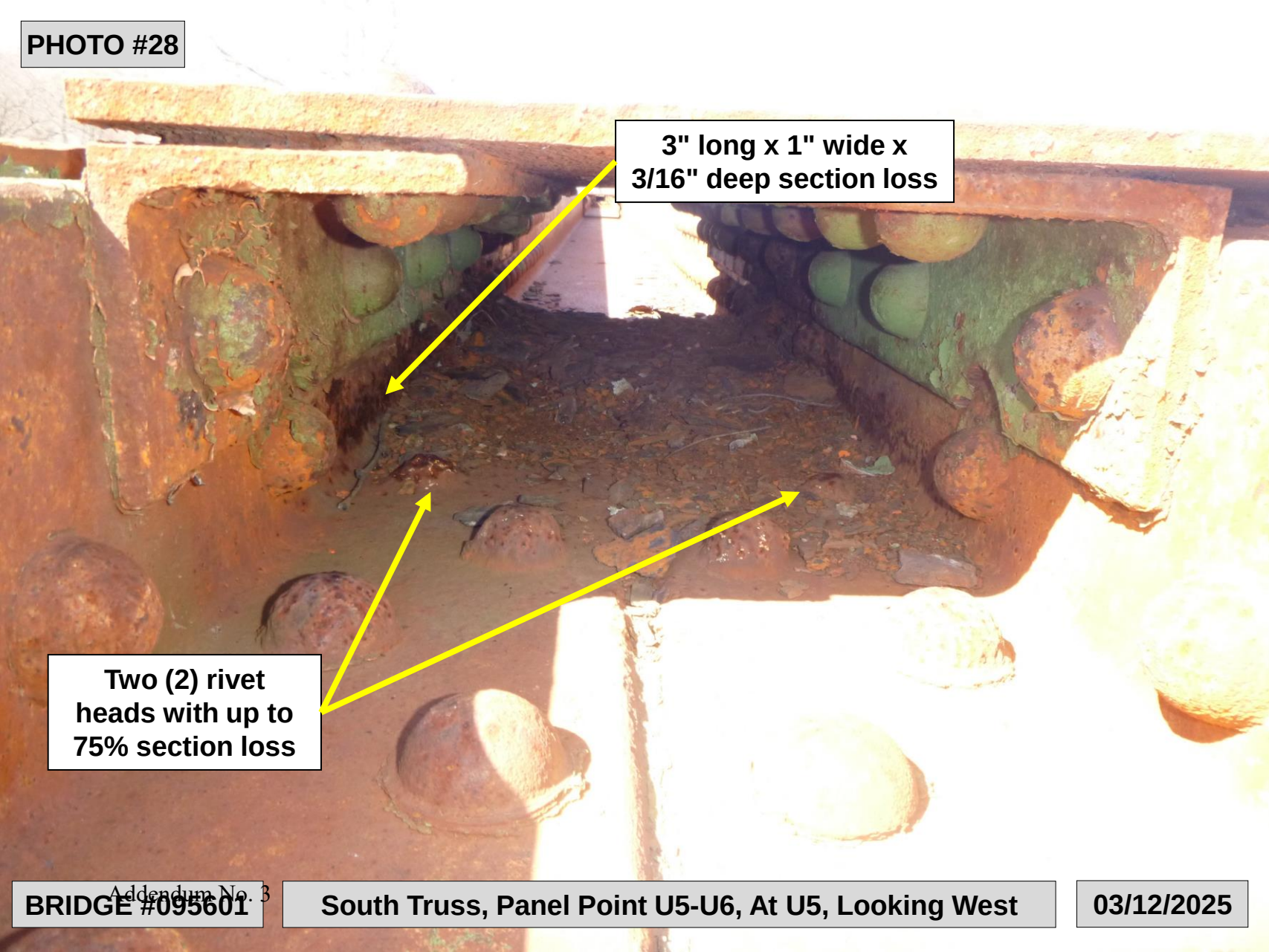
PHOTO #24
Web repair plate with roughly applied caulk
Stringer G
Peeling paint with light rust
4'-0" long x 7-1/2" high x 3/8" deep section loss
5/8" diameter corrosion hole
BRIDGE #095601
Stringer G, East of Floorbeam 5, Looking Northwest
03/12/2025

PHOTO #25
Cable bolted through the web helping support a utility pole
BRIDGE #095601
Member SU7-NU7, near South Truss, Looking South
03/12/2025

PHOTO #26
4" long x 1" high x
1/2" deep section loss
6" long x 2" high x
3/8" deep section loss
Up to 1'-2" long x full width x
1/8" deep pitting
BRIDGE #095601
South Truss, Member U3-U4 at U3, Looking Southwest
03/12/2025

BRIDGE #095601 | South Truss, Member U5-U6 near U5, Looking Southwest | 03/12/2025

PHOTO #28



BRIDGE #095601 | South Truss, Panel Point U5-U6, At U5, Looking West | 03/12/2025

PHOTO #29
Pack rust
Up to 5" long x full width x up to 1/8" deep section loss
BRIDGE #095601
North Truss, Member U2-U3 at U3, Looking East
03/12/2025

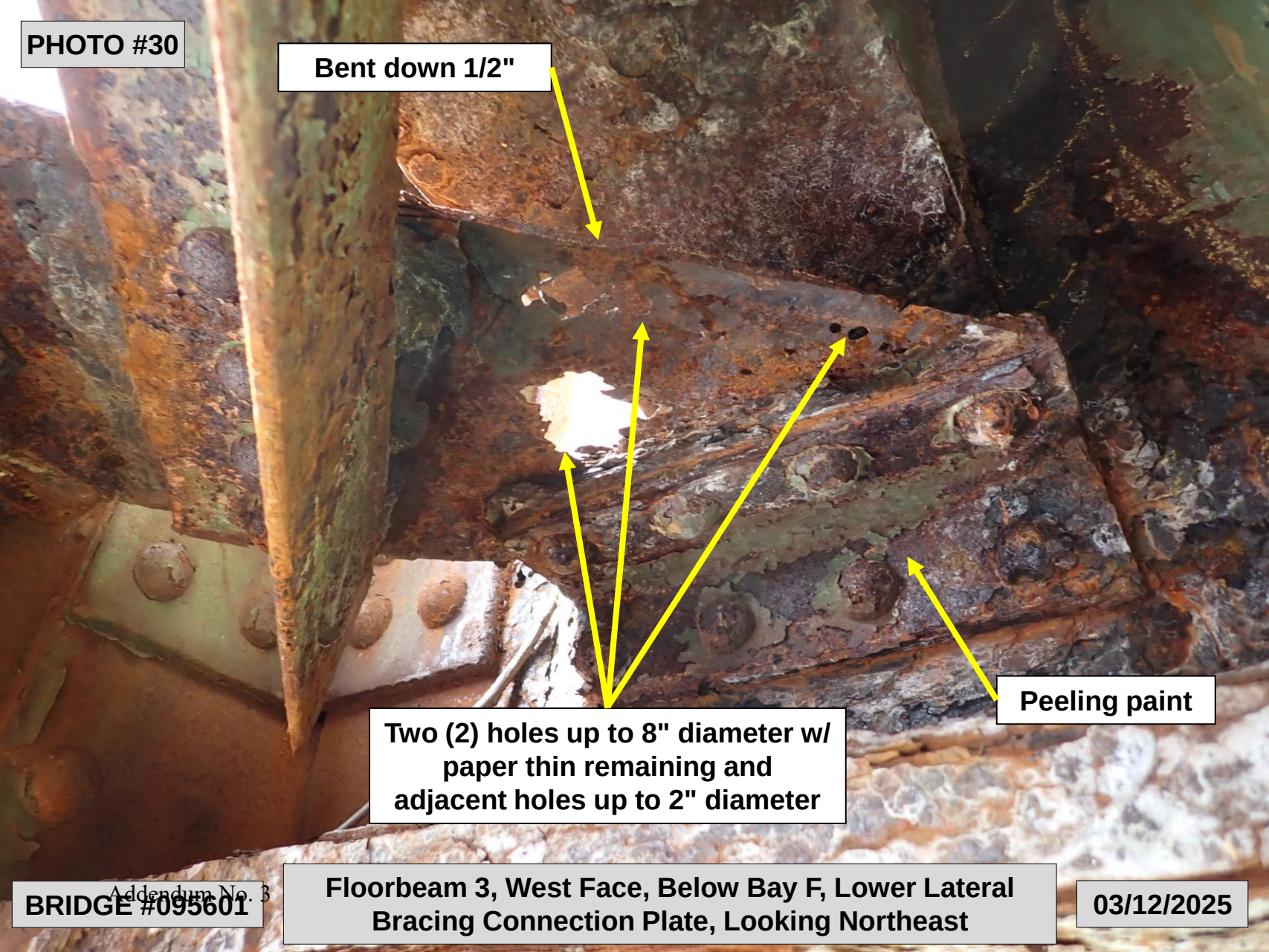
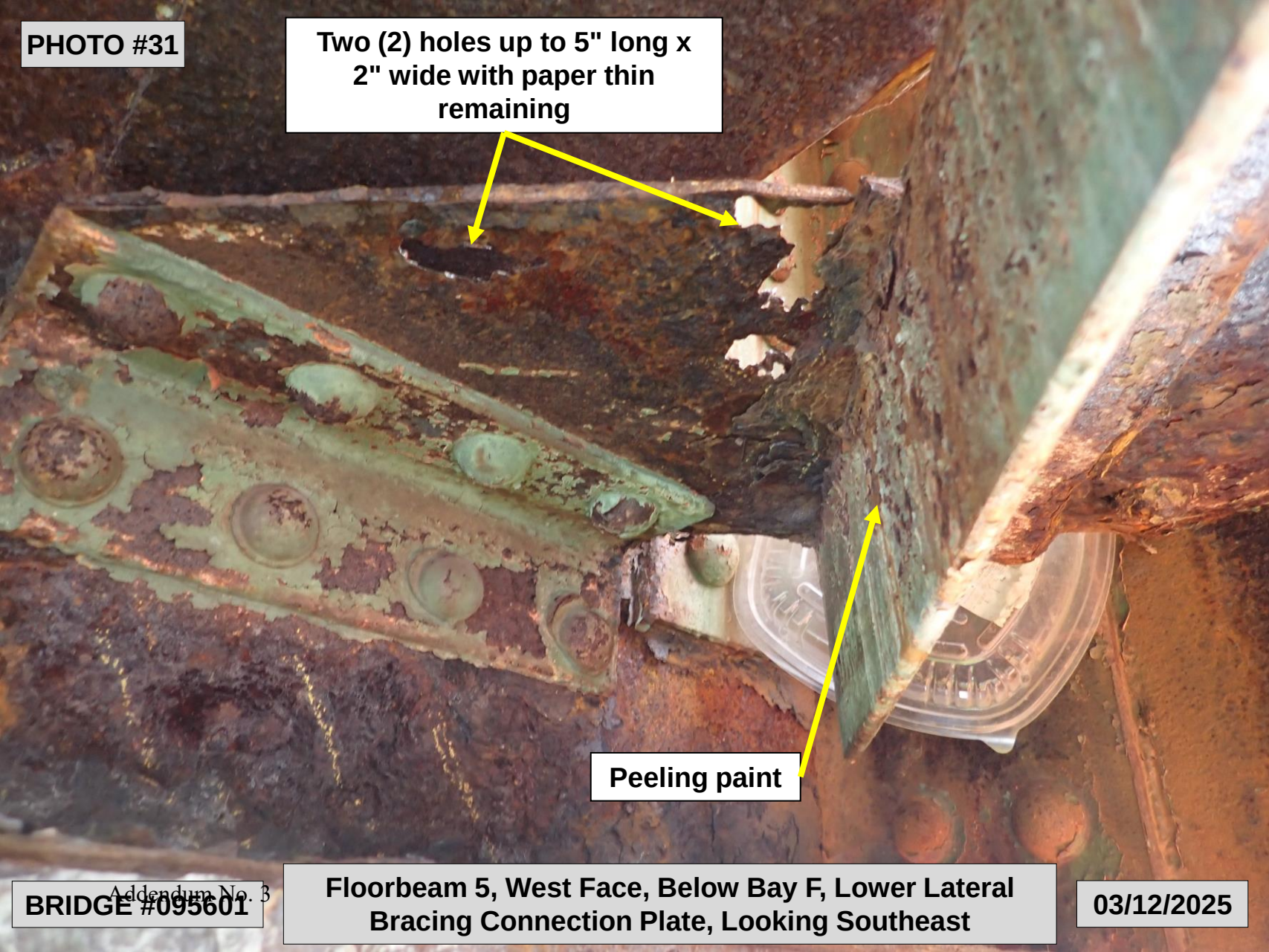


PHOTO #30
Bent down 1/2"
Two (2) holes up to 8" diameter w/ paper thin remaining and adjacent holes up to 2" diameter
Peeling paint
BRIDGE #095601
Addendum No. 3
Floorbeam 3, West Face, Below Bay F, Lower Lateral Bracing Connection Plate, Looking Northeast
03/12/2025



BRIDGE #095601

Floorbeam 5, West Face, Below Bay F, Lower Lateral Bracing Connection Plate, Looking Southeast

03/12/2025

Addendum No. 3

BRIDGE #095601

Floorbeam 8, West Face, Below Bay F, Lateral Bracing Connection Plate, Looking Northeast

03/12/2025

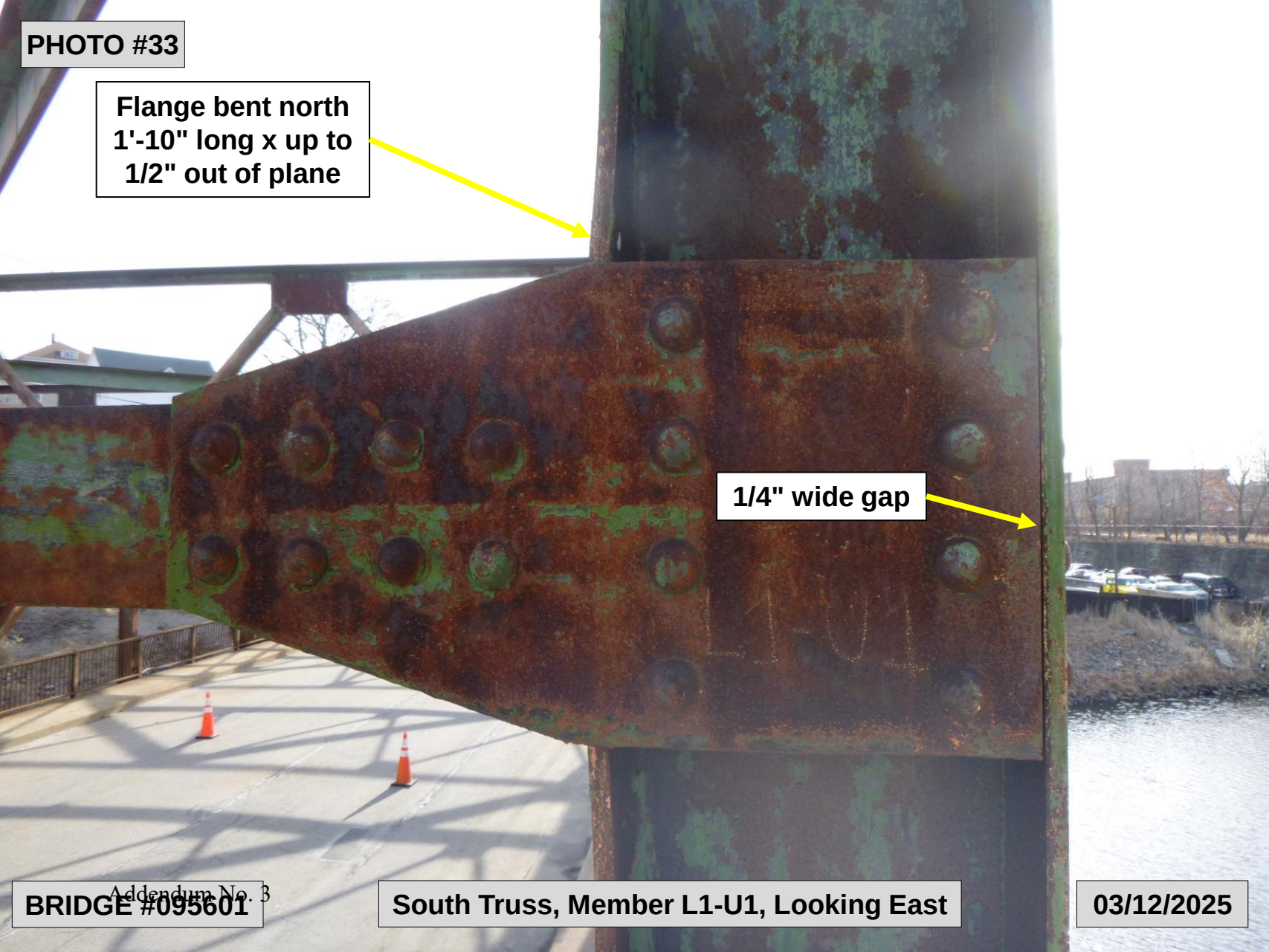


PHOTO #33
Flange bent north 1'-10" long x up to 1/2" out of plane
1/4" wide gap
BRIDGE #095601
South Truss, Member L1-U1, Looking East
03/12/2025

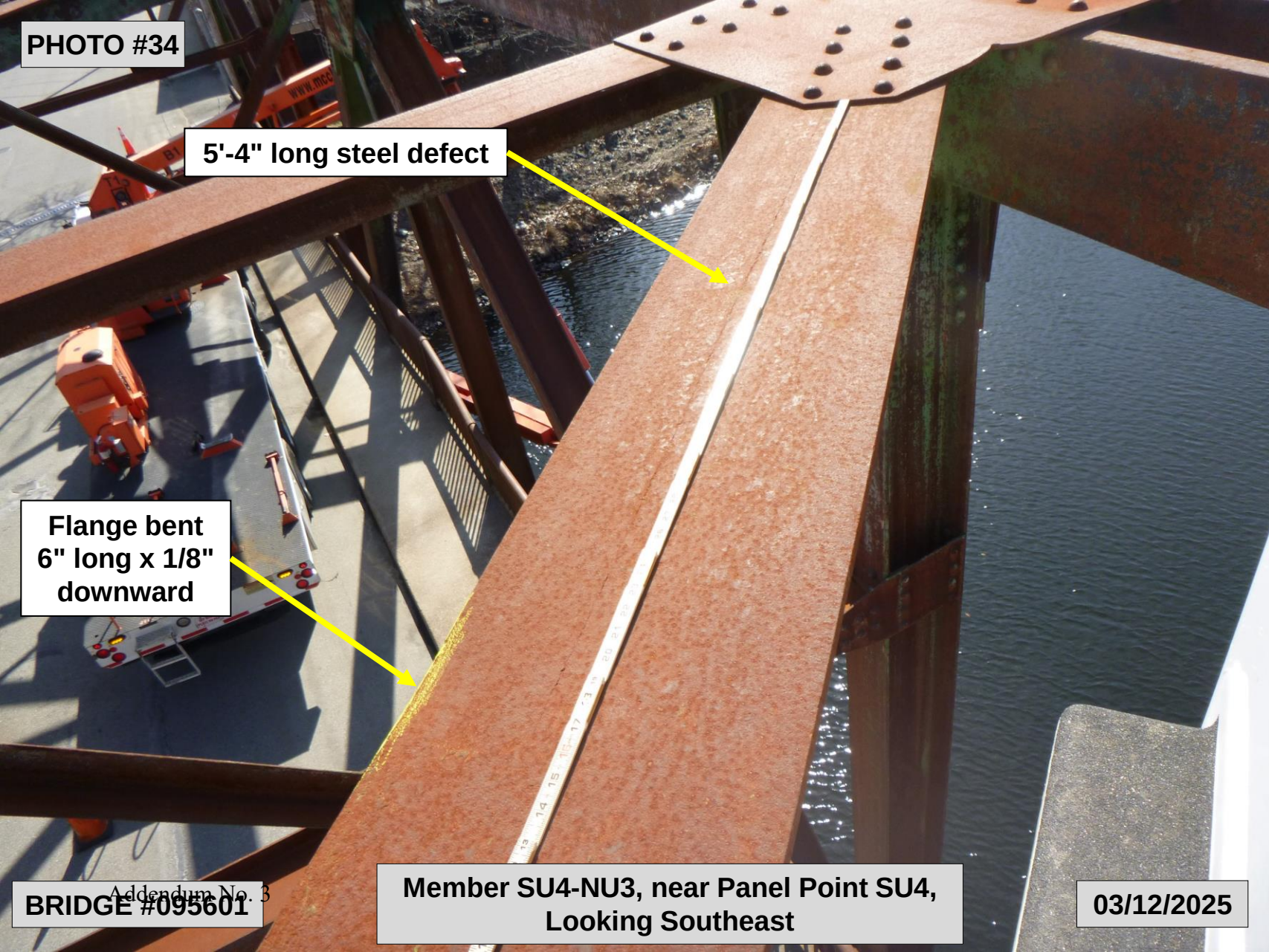


PHOTO #34
5'-4" long steel defect
Flange bent 6" long x 1/8" downward
BRIDGE #095601
Member SU4-NU3, near Panel Point SU4, Looking Southeast
03/12/2025

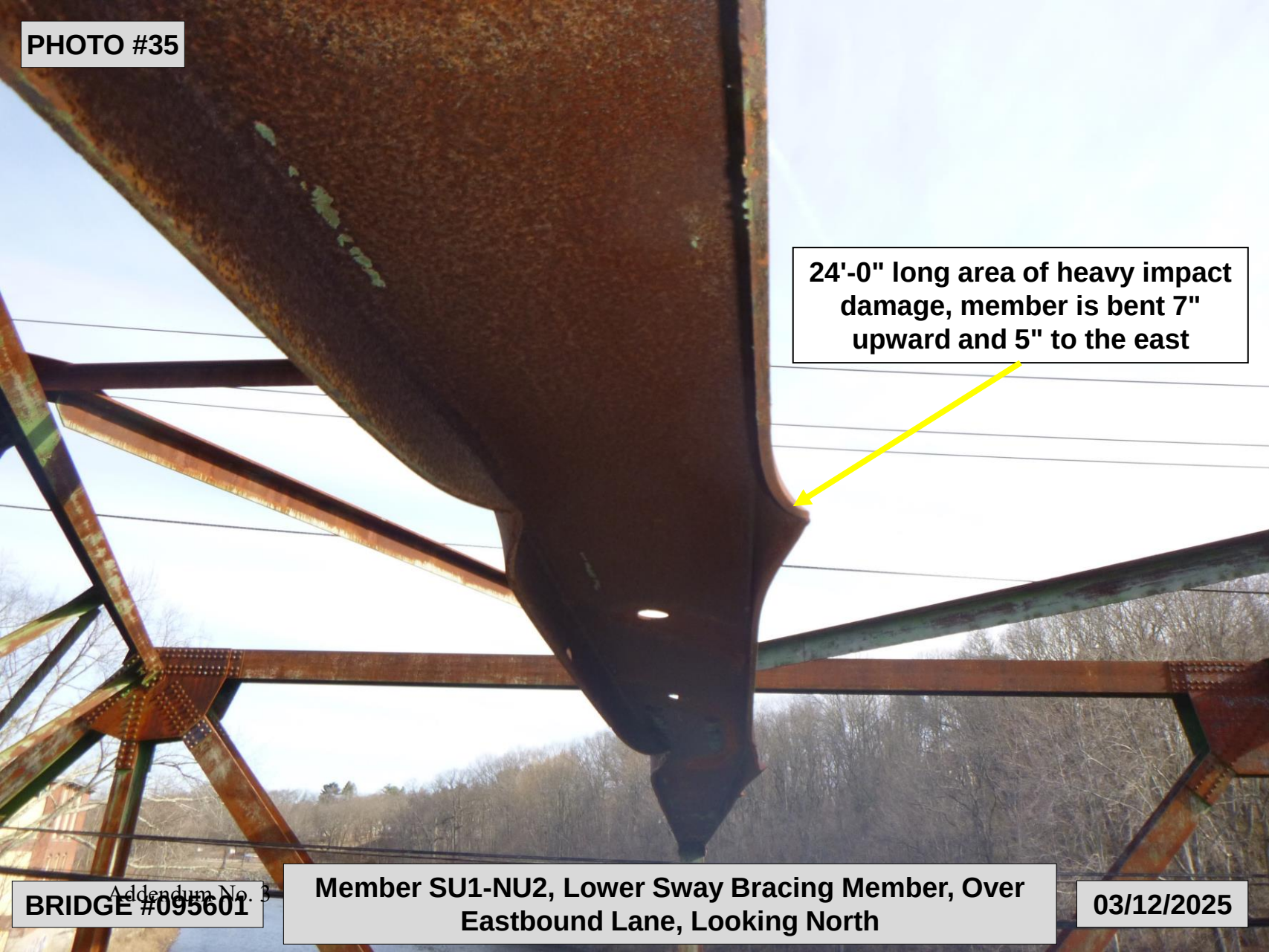
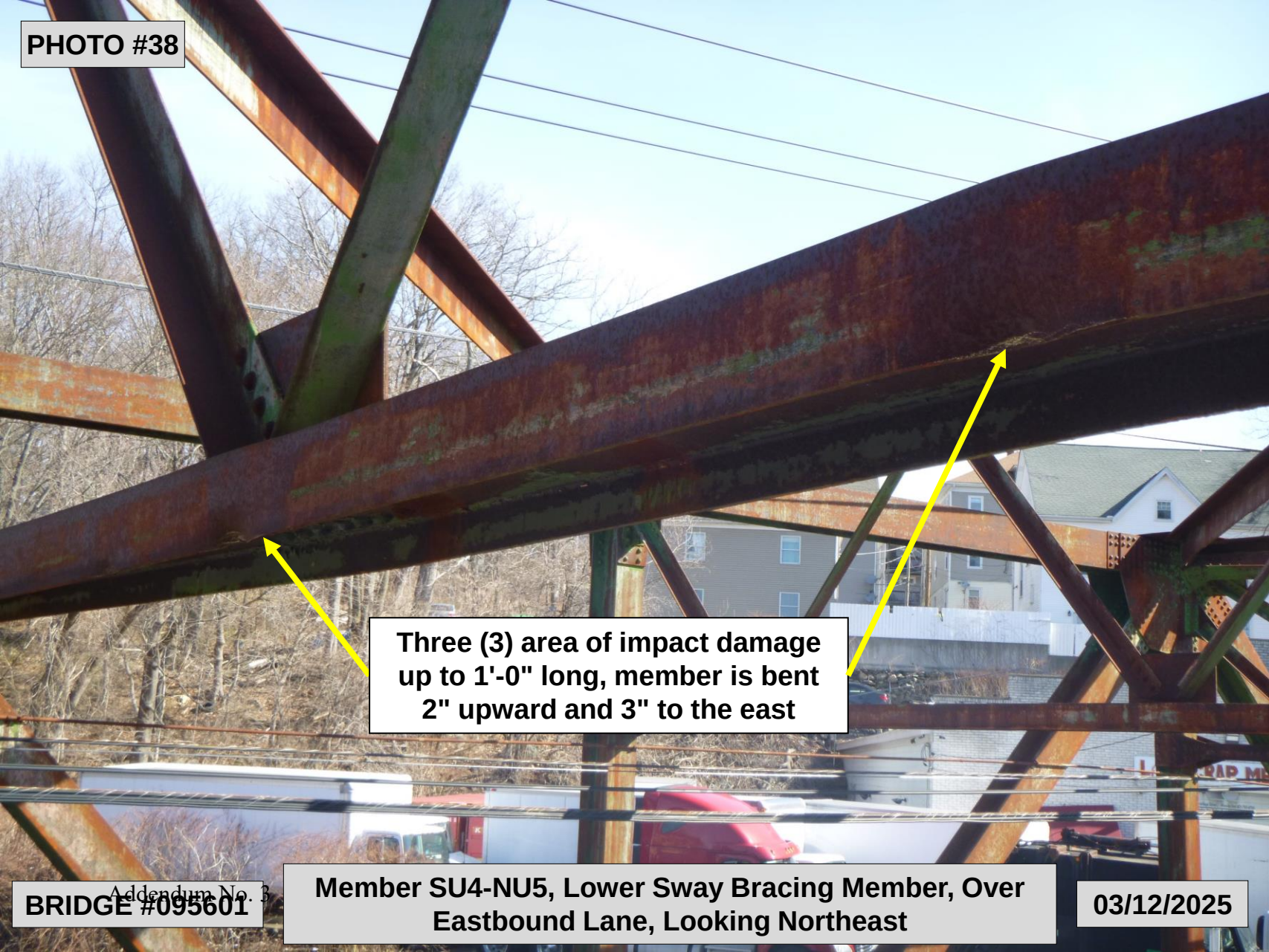


PHOTO #35
24'-0" long area of heavy impact damage, member is bent 7" upward and 5" to the east
BRIDGE #095601
Member SU1-NU2, Lower Sway Bracing Member, Over Eastbound Lane, Looking North
03/12/2025

PHOTO #36
Plate bent 2" to the west over the lower 6"
BRIDGE #095601
Member SU1-NU2, Lower Sway Bracing Member, Over Eastbound Lane, Looking North
03/12/2025

PHOTO #37
8'-0" long area of impact damage, member is bent 2-1/2" upward and 3" to the east
BRIDGE #095601
Member SU3-NU4, Lower Sway Bracing Member, Over Eastbound Lane, Looking Northeast
03/12/2025

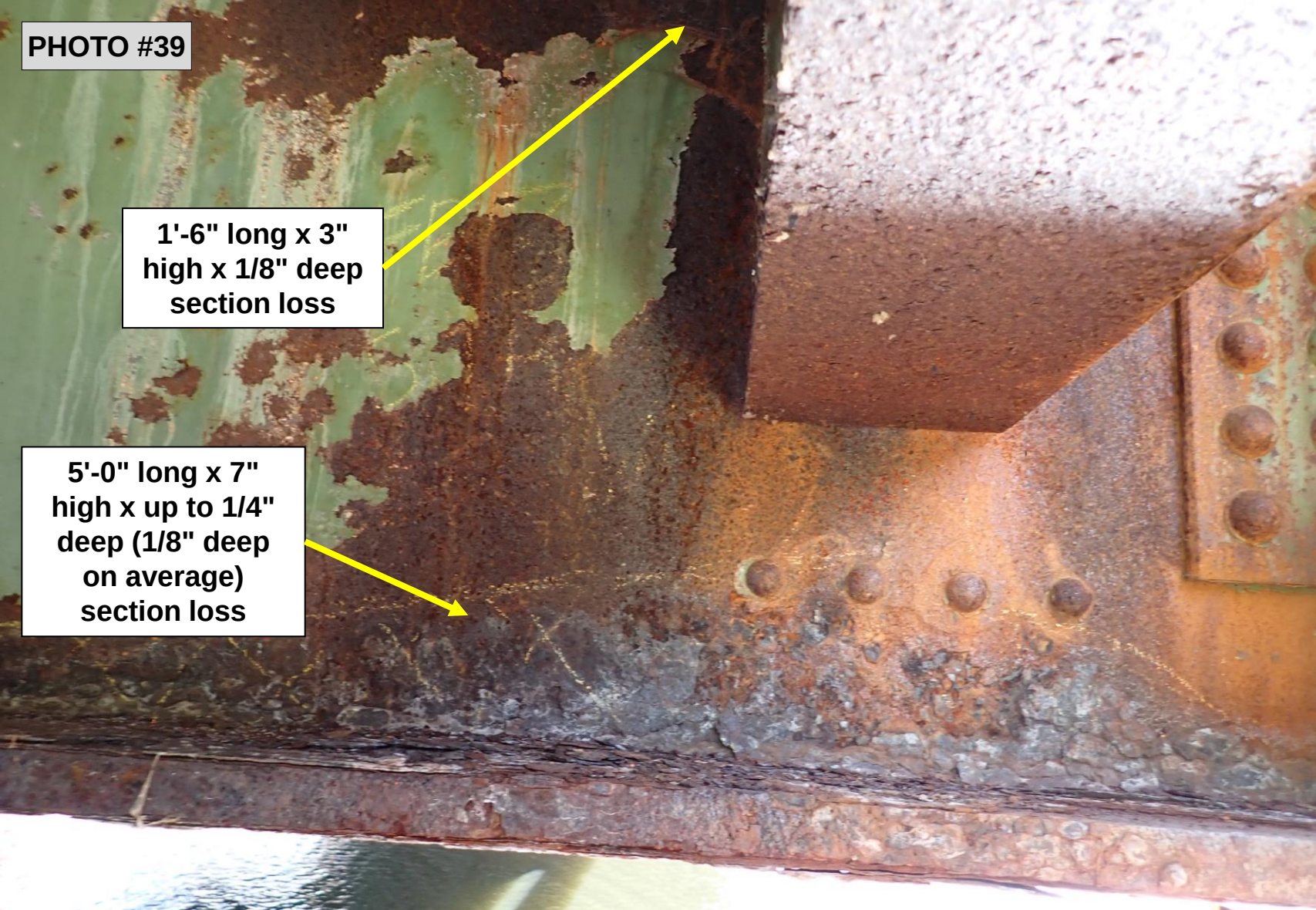


Addendum No. 3

BRIDGE #095601

Member SU4-NU5, Lower Sway Bracing Member, Over Eastbound Lane, Looking Northeast

03/12/2025



Addendum No. 3

BRIDGE #095601 | Floorbeam 3, West Face, Near South Truss, Looking East | 03/12/2025

BRIDGE #095601 | Floorbeam 3, East Face, Near South Truss, Looking West | 03/12/2025

PHOTO #41
6'-0" long x 1'-2-1/2" high x up to 5/16" deep (1/8" deep on average) section loss
BRIDGE #095601
Floorbeam 3, East Face, Near North Truss, Looking West
03/12/2025

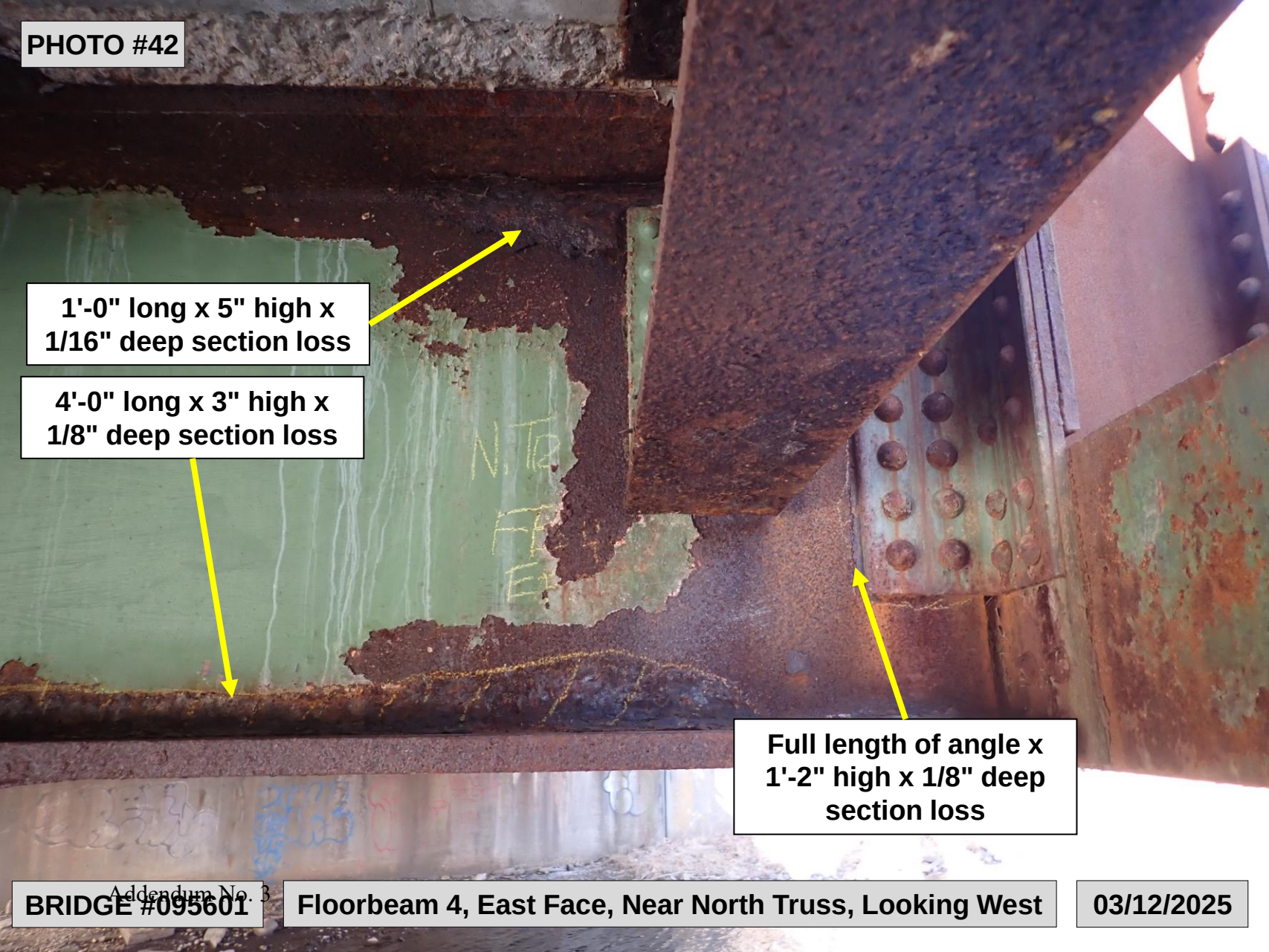
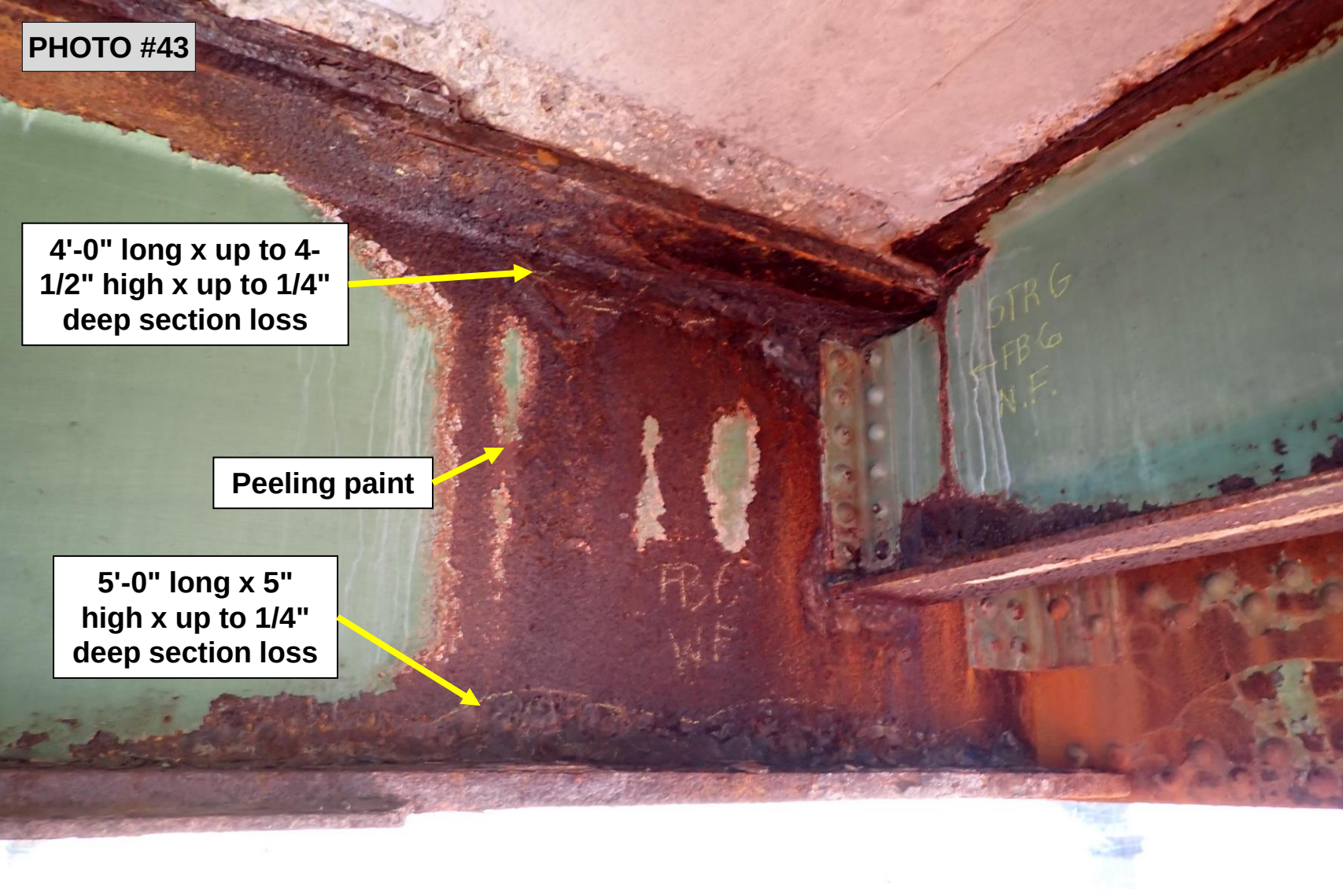
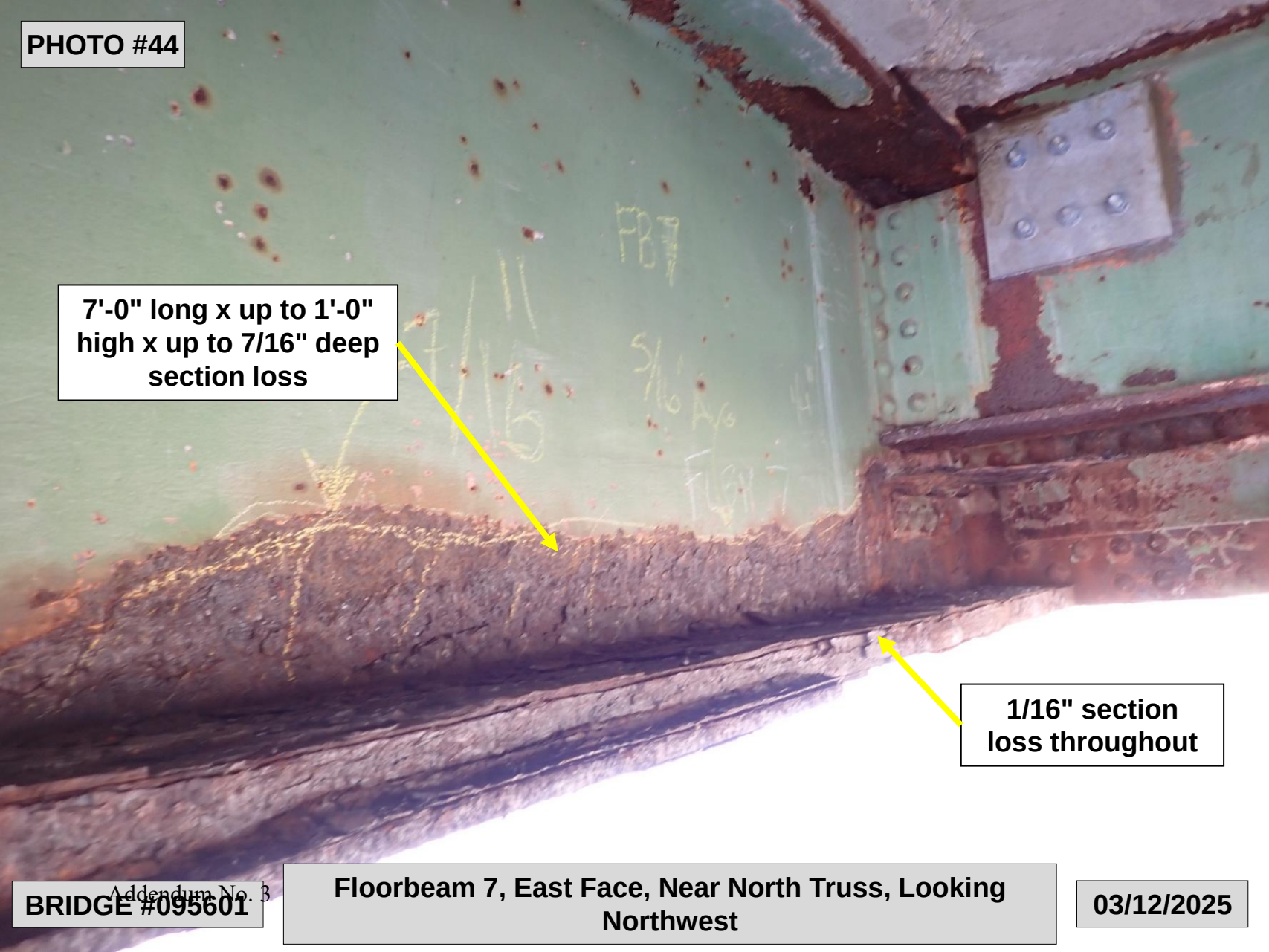


PHOTO #42
1'-0" long x 5" high x 1/16" deep section loss
4'-0" long x 3" high x 1/8" deep section loss
Full length of angle x 1'-2" high x 1/8" deep section loss
BRIDGE #095601
Floorbeam 4, East Face, Near North Truss, Looking West
03/12/2025



BRIDGE #095601 | Floorbeam 6, West Face, Near South Truss, Looking East | 03/12/2025



Addendum No. 3

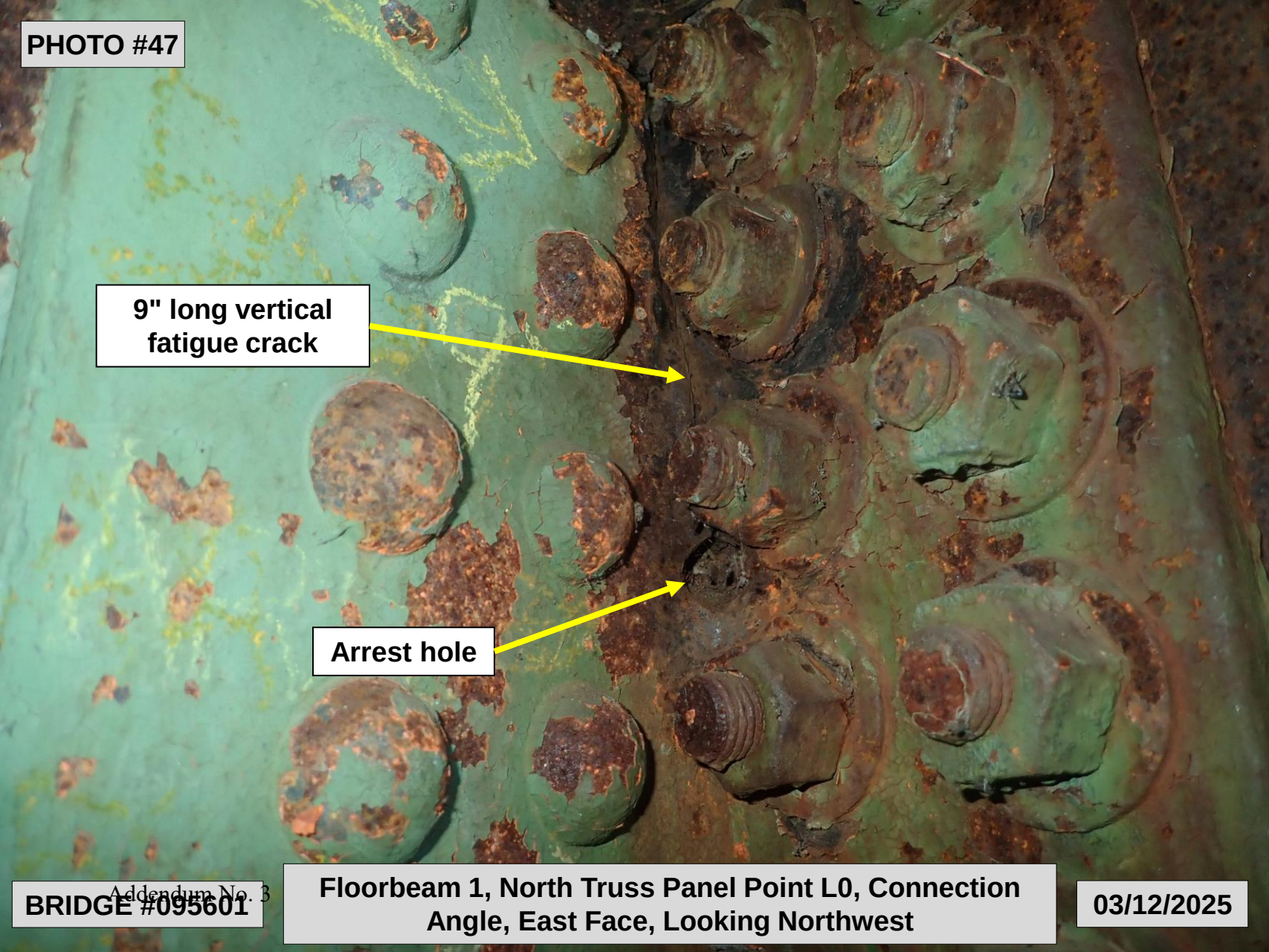
BRIDGE #095601

Floorbeam 7, East Face, Near North Truss, Looking Northwest

03/12/2025

BRIDGE #095601	Floorbeam 8, East Face, Near South Truss, Looking West	03/12/2025

PHOTO #46
8" long x 8" high x up to 1/8" deep section loss
6'-0" long x 4" high x 3/16" deep section loss
BRIDGE #095601
Floorbeam 9, East Face, Near South Truss, Looking West
03/12/2025



BRIDGE #095601

Addendum No. 3

Floorbeam 1, North Truss Panel Point L0, Connection Angle, East Face, Looking Northwest

03/12/2025

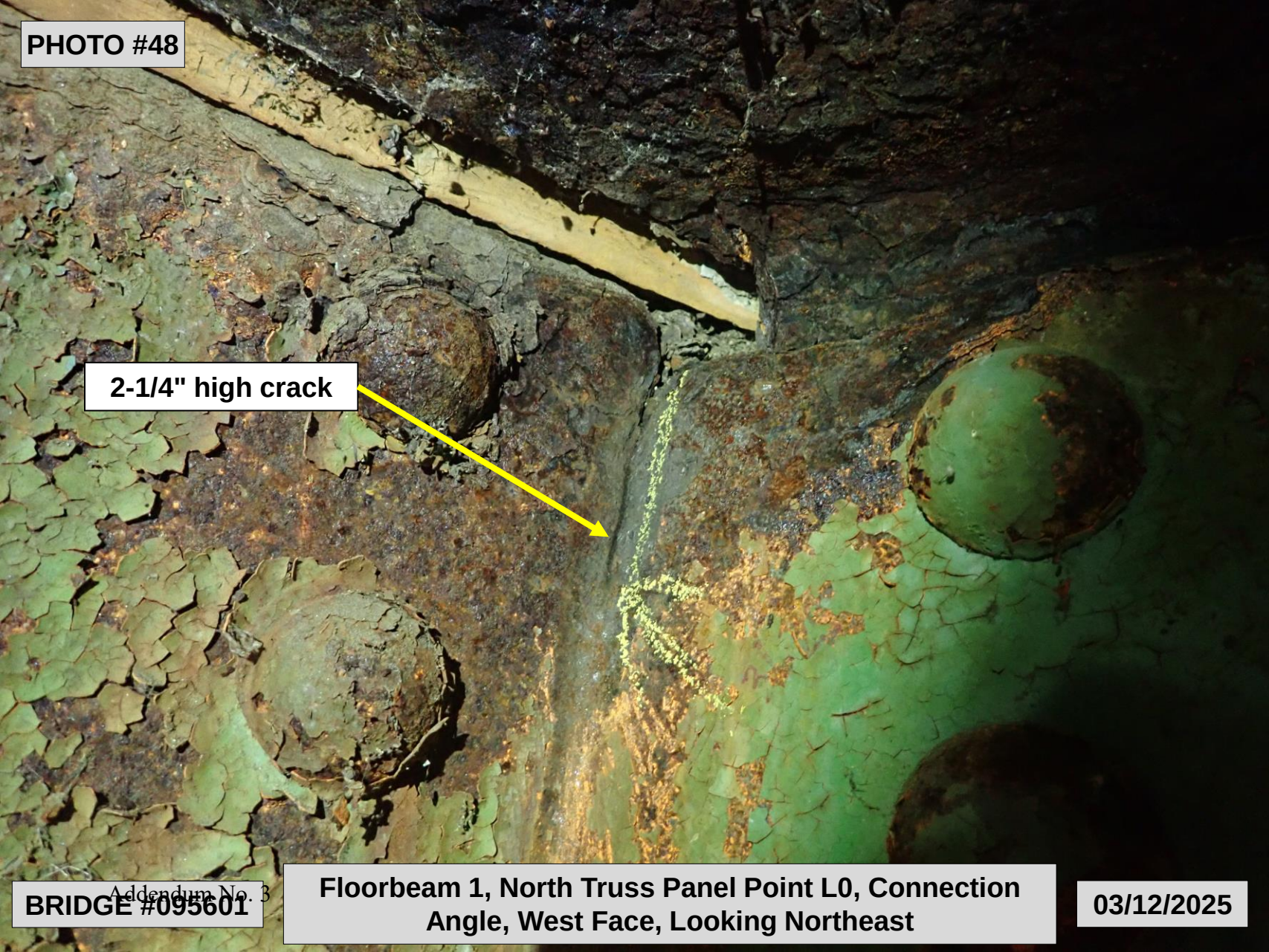


PHOTO #48
2-1/4" high crack
BRIDGE #095601
Floorbeam 1, North Truss Panel Point L0, Connection Angle, West Face, Looking Northeast
03/12/2025

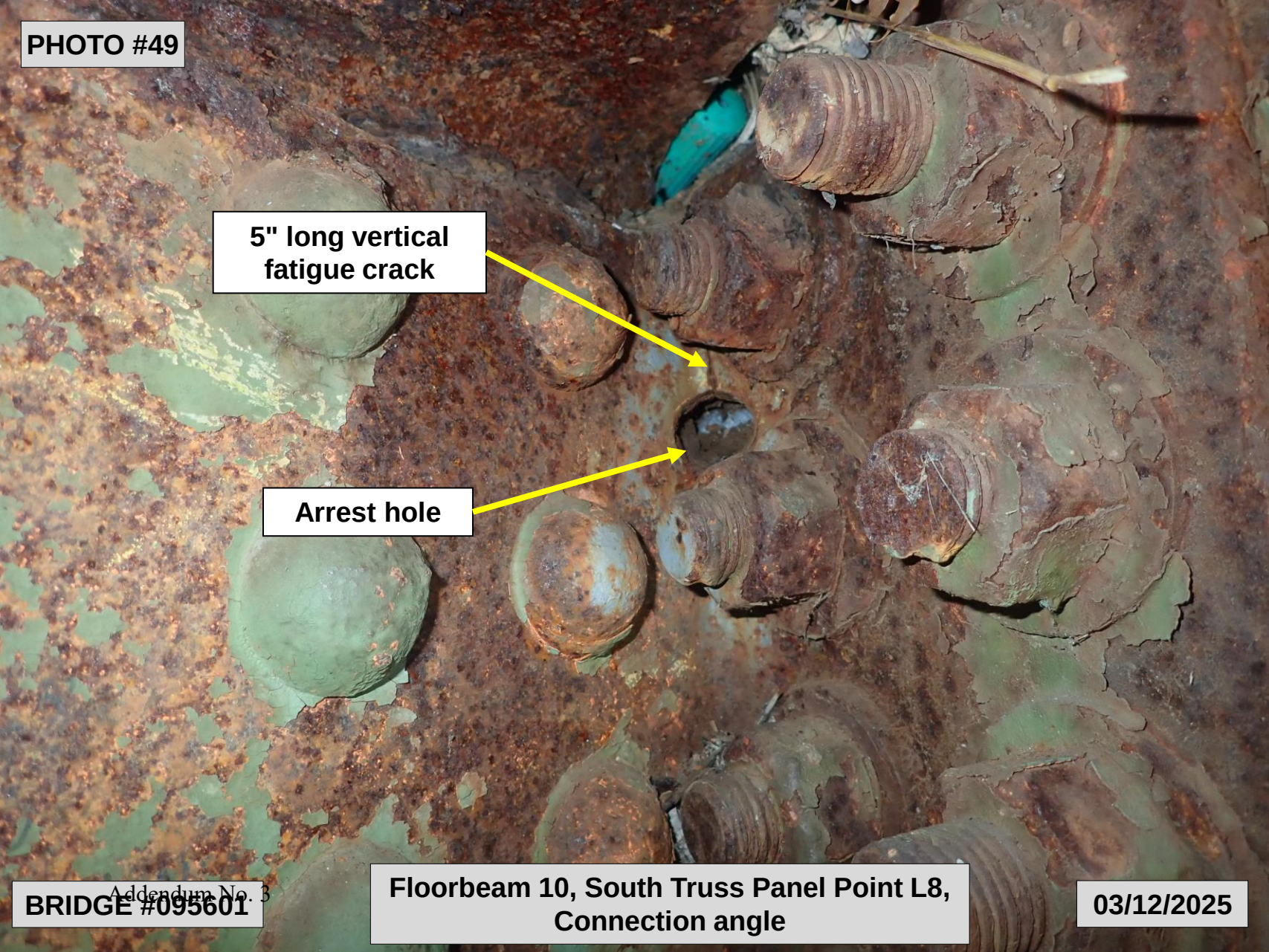


PHOTO #49
5" long vertical fatigue crack
Arrest hole
BRIDGE #095601
Floorbeam 10, South Truss Panel Point L8, Connection angle
03/12/2025

PHOTO #50

Slightly negative camber

BRIDGE #095601

Floorbeam 4, Near North Truss, Looking South

03/12/2025

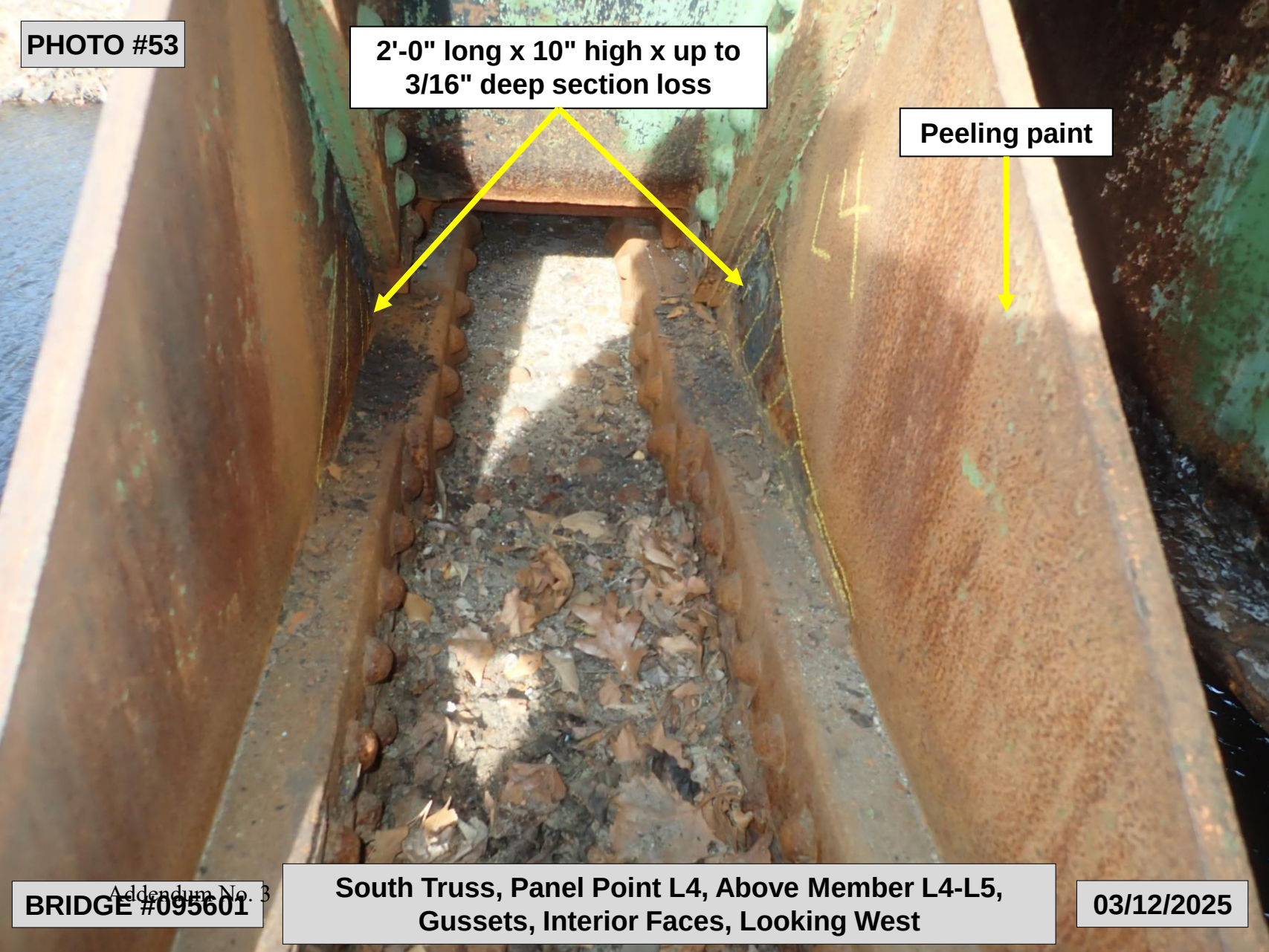
BRIDGE #095601 | Floorbeam 3, West Face, Bay C, Looking Northeast | 03/12/2025

Addendum No. 3

BRIDGE #095601

South Truss, Panel Point L2, Above Member L1-L2, North Gusset, South Face, Looking Northeast

03/12/2025

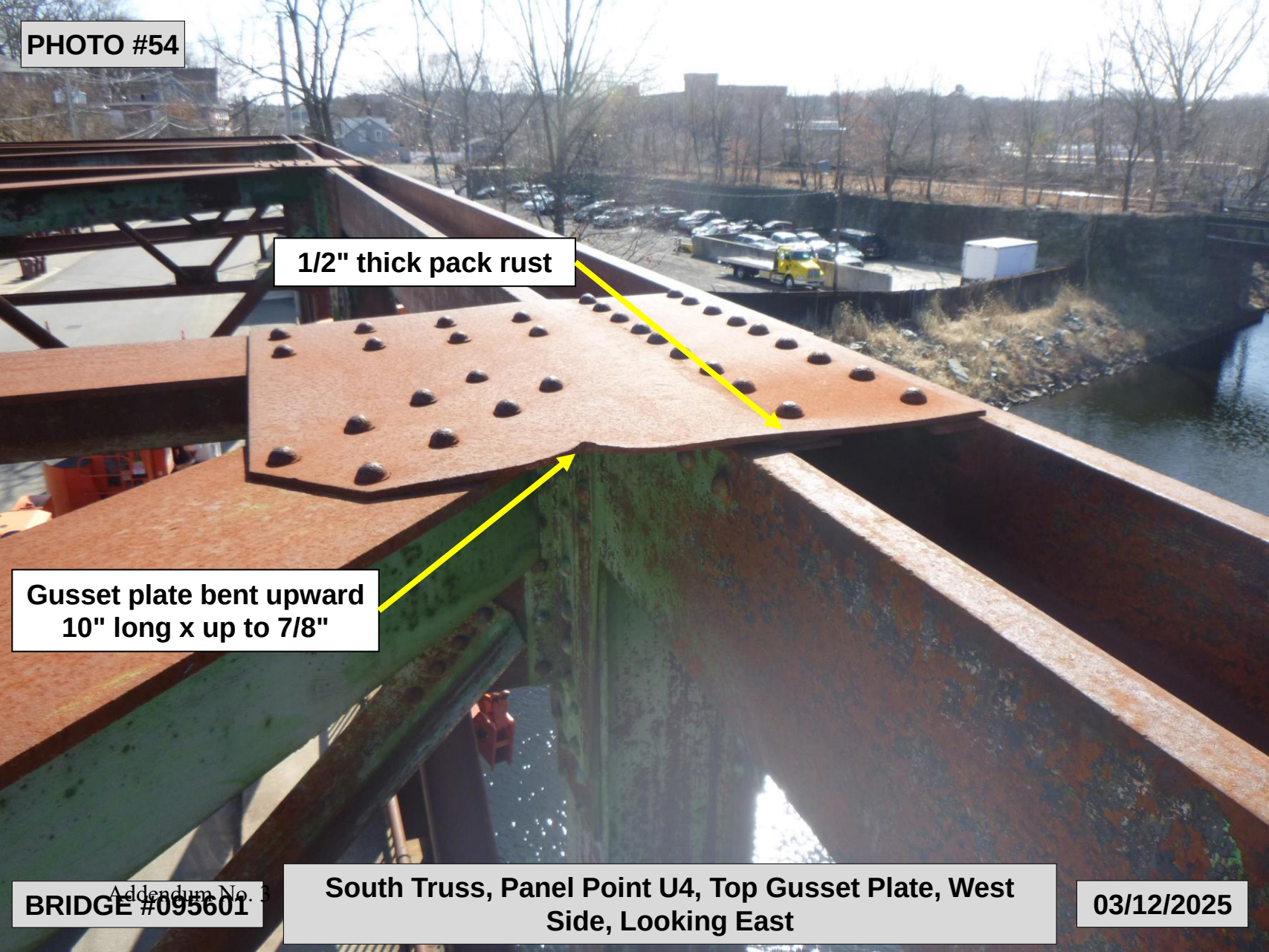


Addendum No. 3

BRIDGE #095601

South Truss, Panel Point L4, Above Member L4-L5, Gussets, Interior Faces, Looking West

03/12/2025



BRIDGE #095601

South Truss, Panel Point U4, Top Gusset Plate, West Side, Looking East

03/12/2025

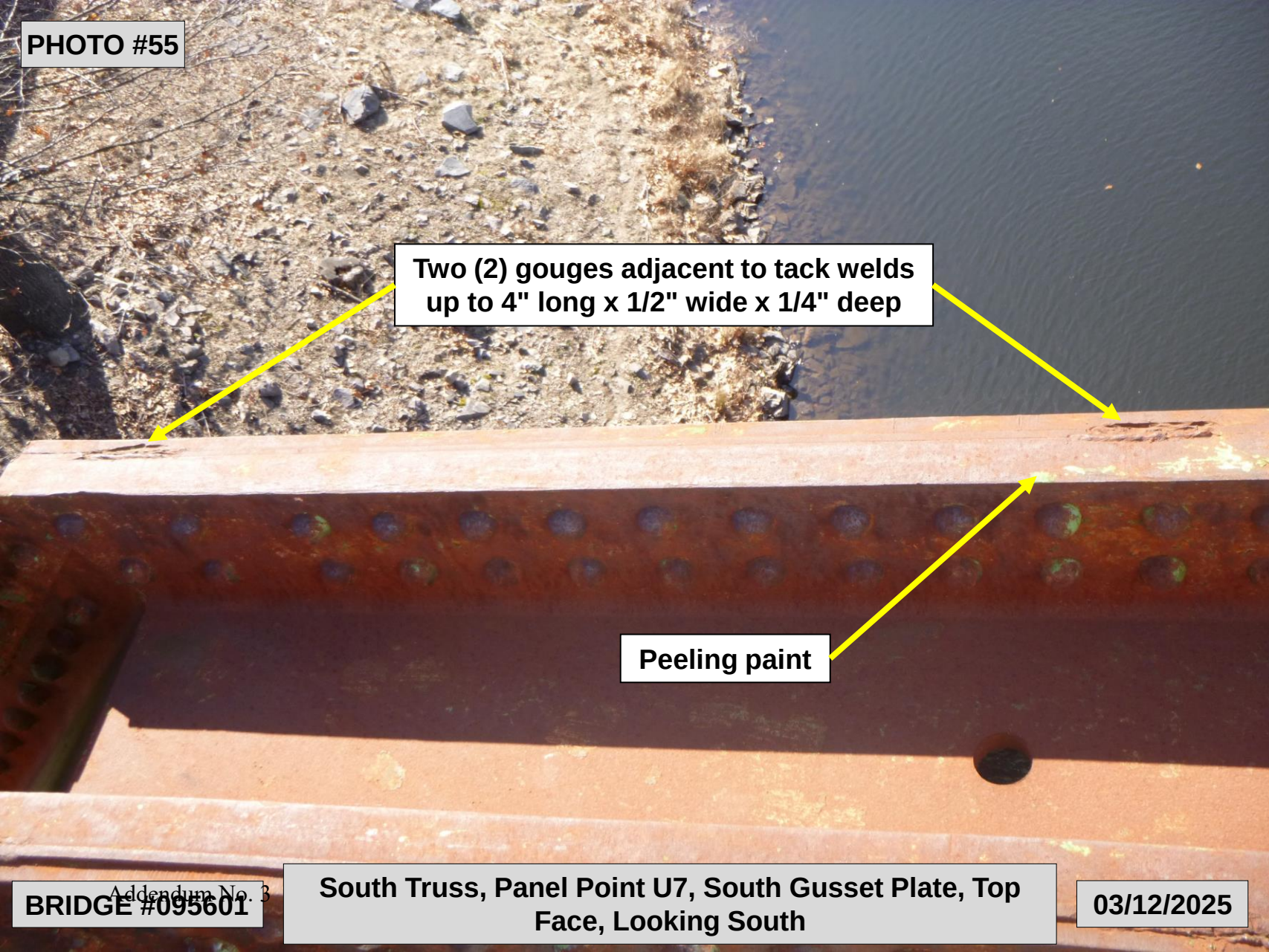


PHOTO #55
Two (2) gouges adjacent to tack welds up to 4" long x 1/2" wide x 1/4" deep
Peeling paint
BRIDGE #095601
South Truss, Panel Point U7, South Gusset Plate, Top Face, Looking South
03/12/2025

PHOTO #56
1'-2" long x 7" high x up to 3/16" deep section loss
L6
BRIDGE #095601
Addendum No. 3
North Truss, Panel Point L6, South Gusset Plate, South Face, Looking Northwest
03/12/2025

BRIDGE #095601

South Truss, Panel Point U7, North Gusset Plate, Looking Southeast

03/12/2025

PHOTO #58
Bracing bent downward 4" long x up to 1/2" out of plane
BRIDGE #095601
South Truss, Member L0-L1, West Portal Bracing, Lower Gusset Plate, Looking East
03/12/2025

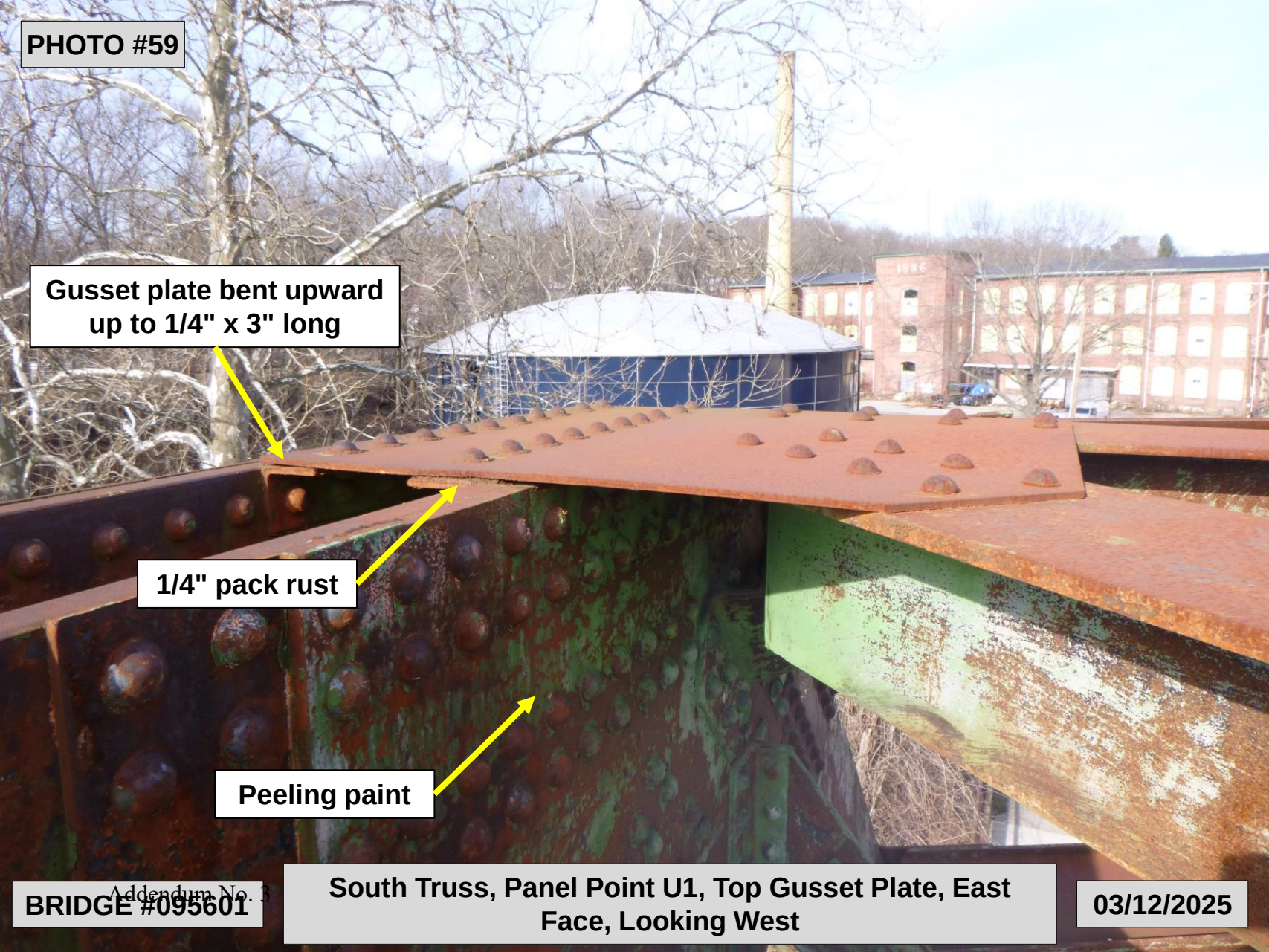


PHOTO #59
Gusset plate bent upward up to 1/4" x 3" long
1/4" pack rust
Peeling paint
BRIDGE #095601
South Truss, Panel Point U1, Top Gusset Plate, East Face, Looking West
03/12/2025

Addendum No. 3

BRIDGE #095601

North Truss, Panel Point U7, Top Gusset Plate, West Face, Looking Northeast

03/12/2025

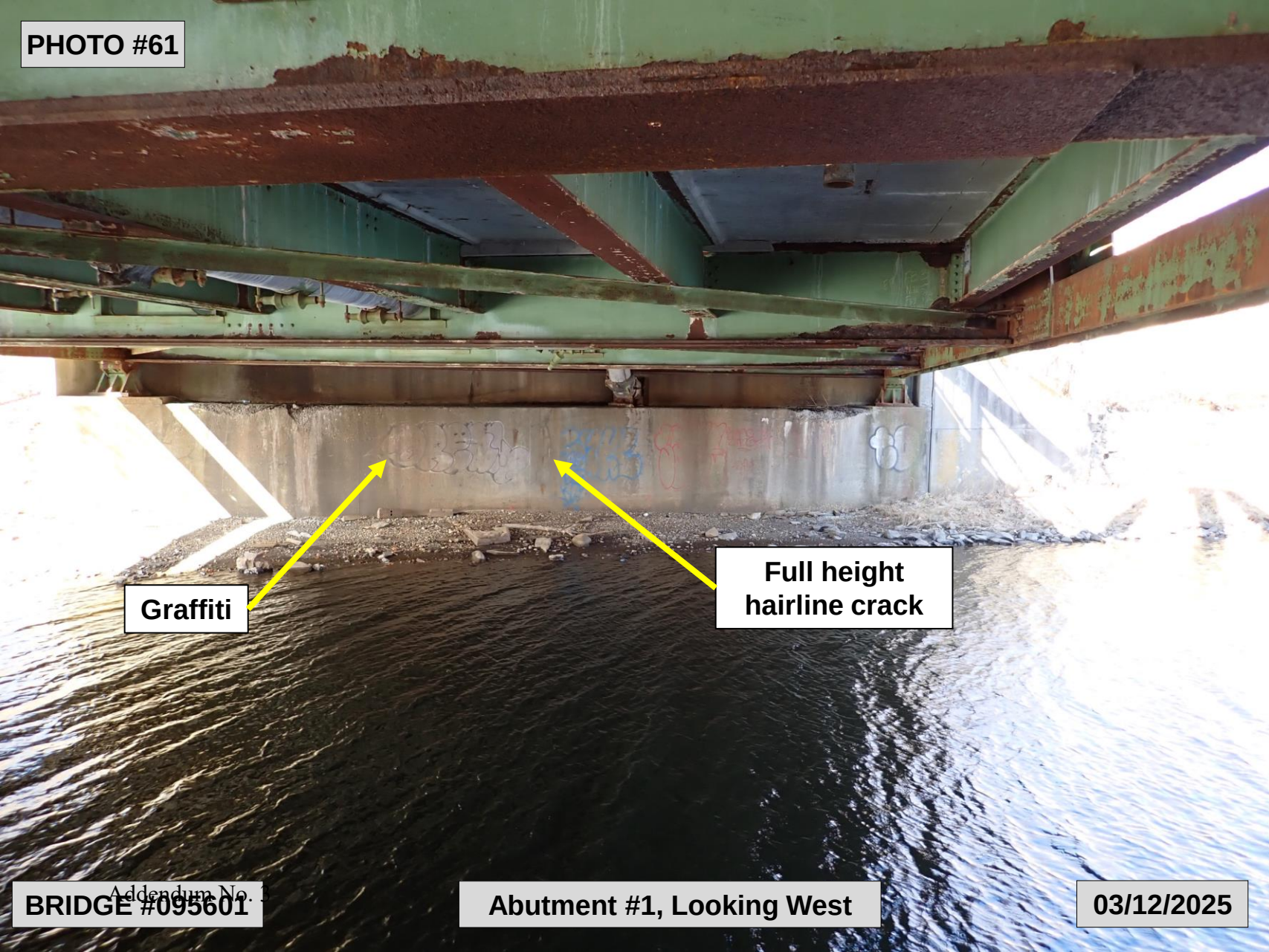


PHOTO #61
Graffiti
Full height hairline crack
BRIDGE #095601
Addendum No. 1
Abutment #1, Looking West
03/12/2025

PHOTO #62
Graffiti
BRIDGE #095601
Abutment #2, Looking East
03/12/2025

PHOTO #63
15'-0" long x full width x 10" high x 5" deep spall
BRIDGE #095601
Abutment #1, Below Bay A, Looking Southwest
03/12/2025

BRIDGE #095601 | Abutment #2, Below Bays C and D, Looking Southeast | 03/12/2025

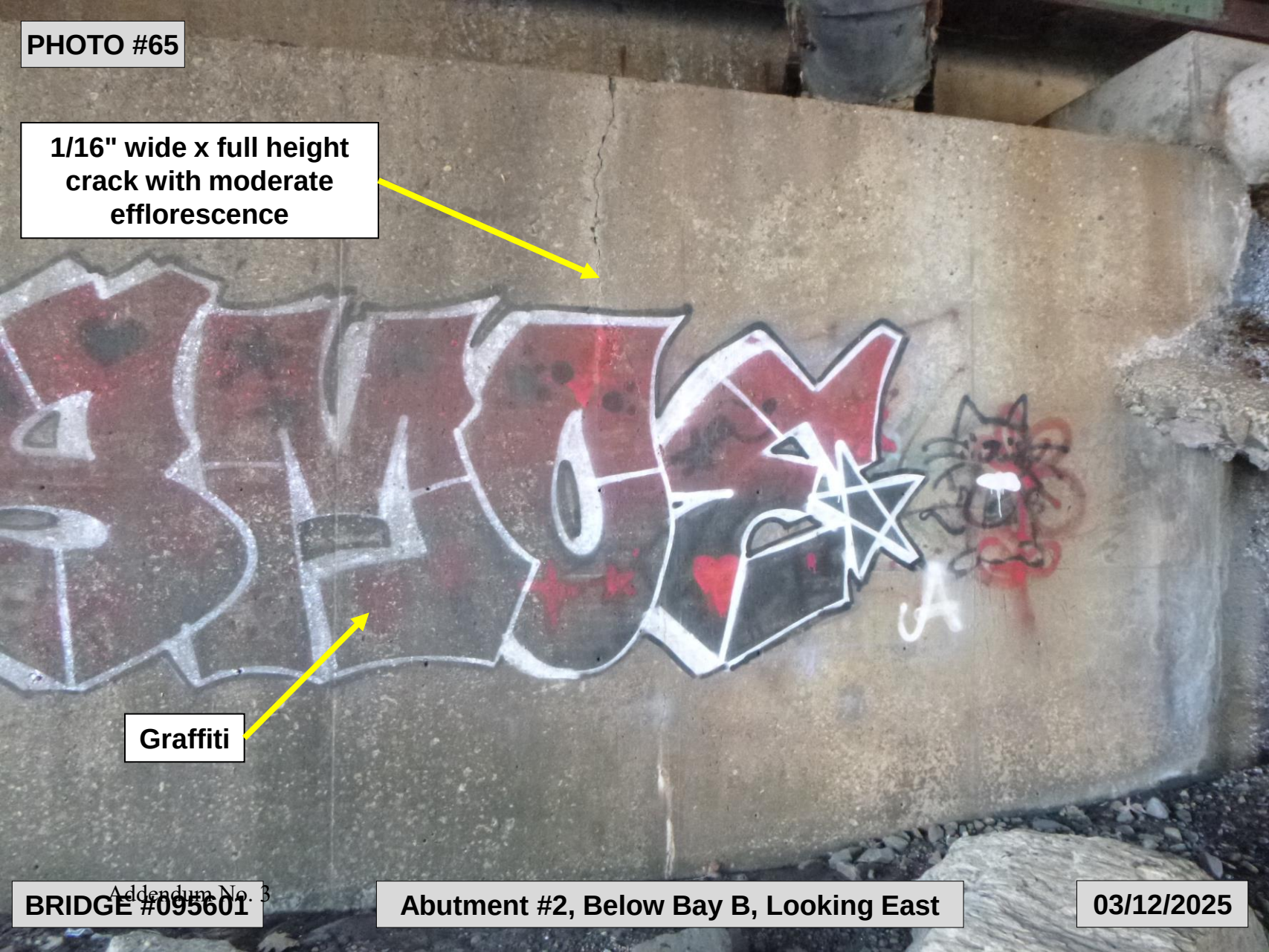


PHOTO #65
1/16" wide x full height crack with moderate efflorescence
Graffiti
BRIDGE #095601
Abutment #2, Below Bay B, Looking East
03/12/2025

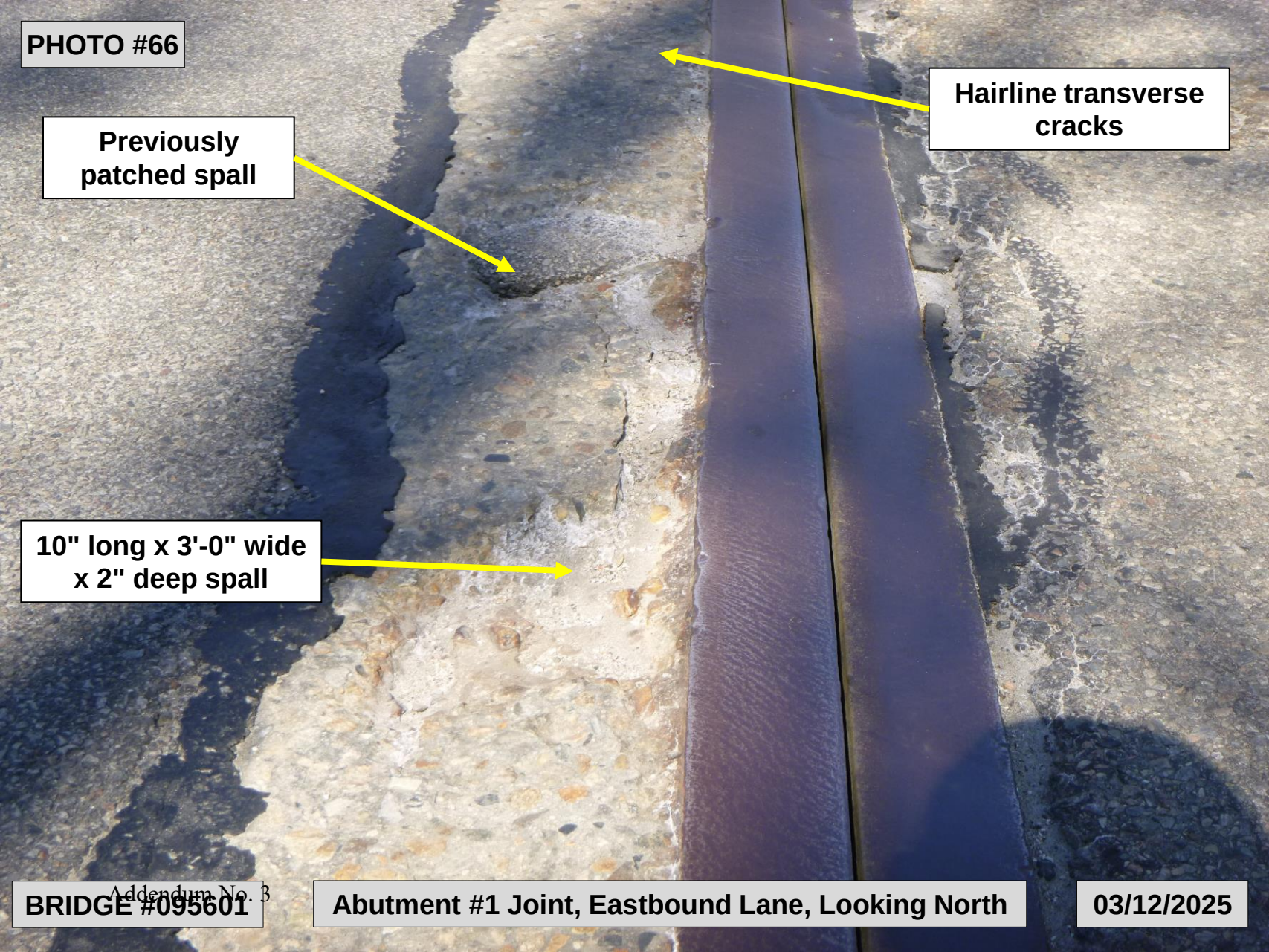


PHOTO #66
Hairline transverse cracks
Previously patched spall
10" long x 3'-0" wide x 2" deep spall
BRIDGE #095601
Abutment #1 Joint, Eastbound Lane, Looking North
03/12/2025

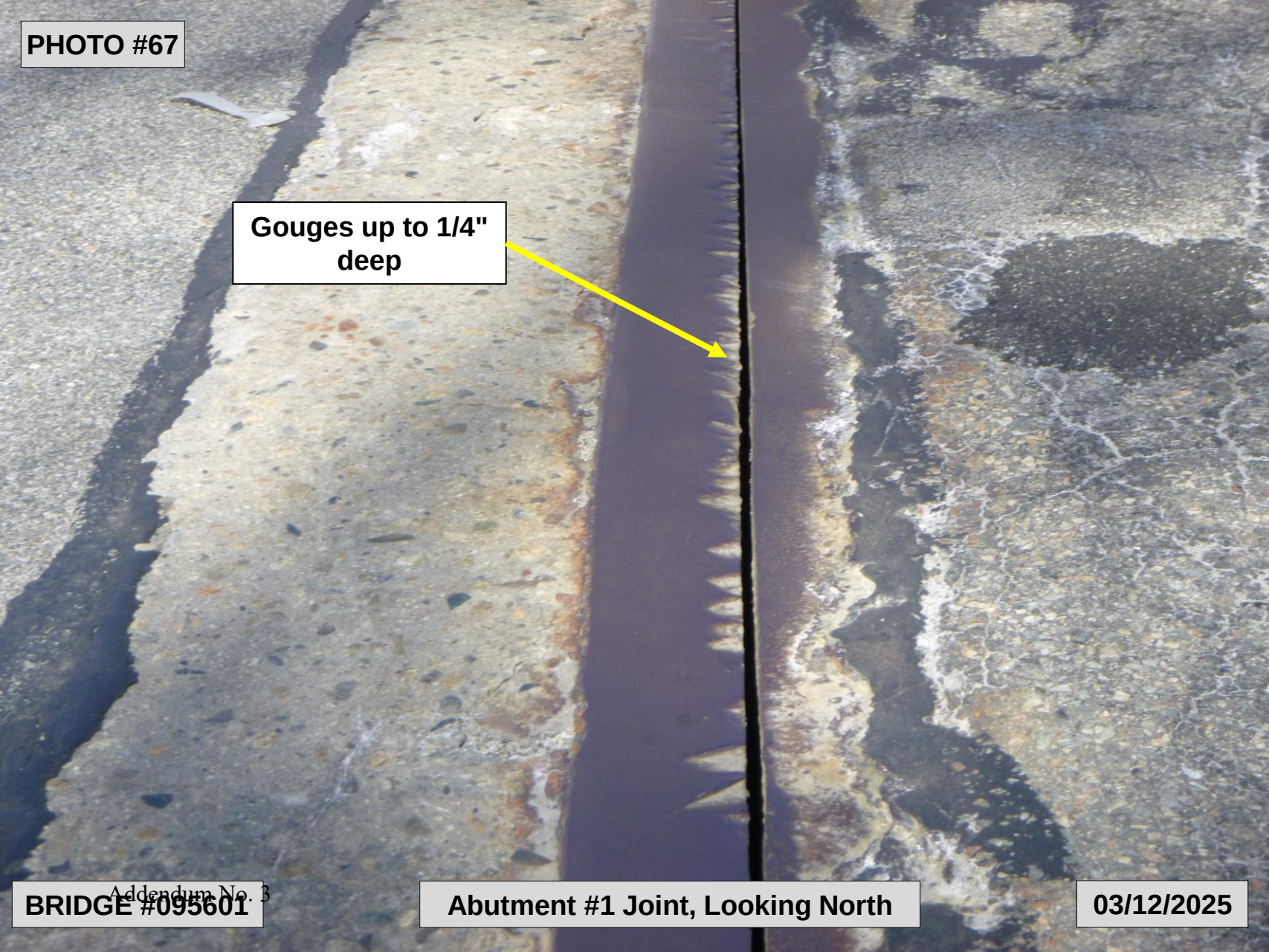


PHOTO #67
Gouges up to 1/4" deep
BRIDGE #095601
Abutment #1 Joint, Looking North
03/12/2025

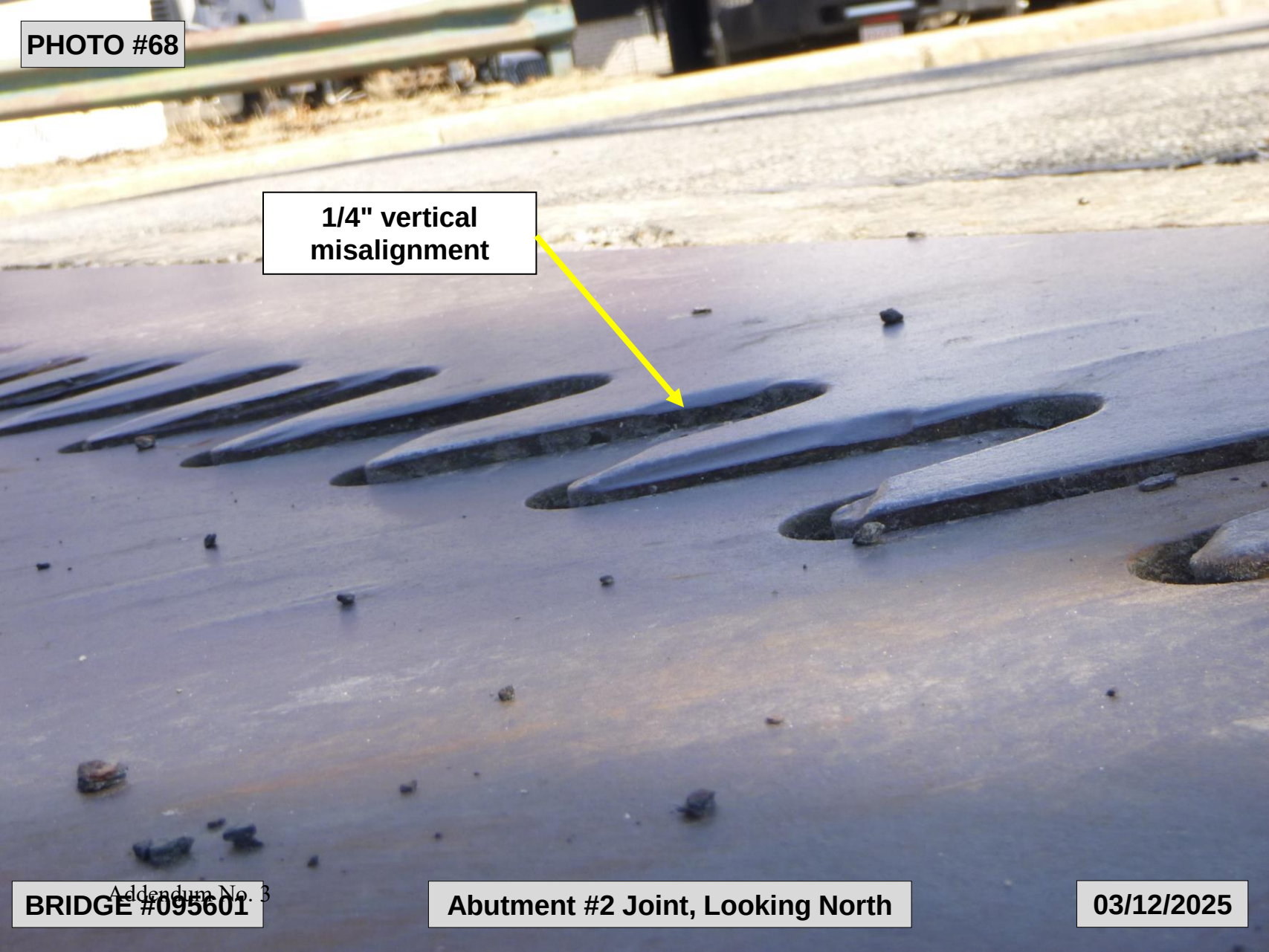
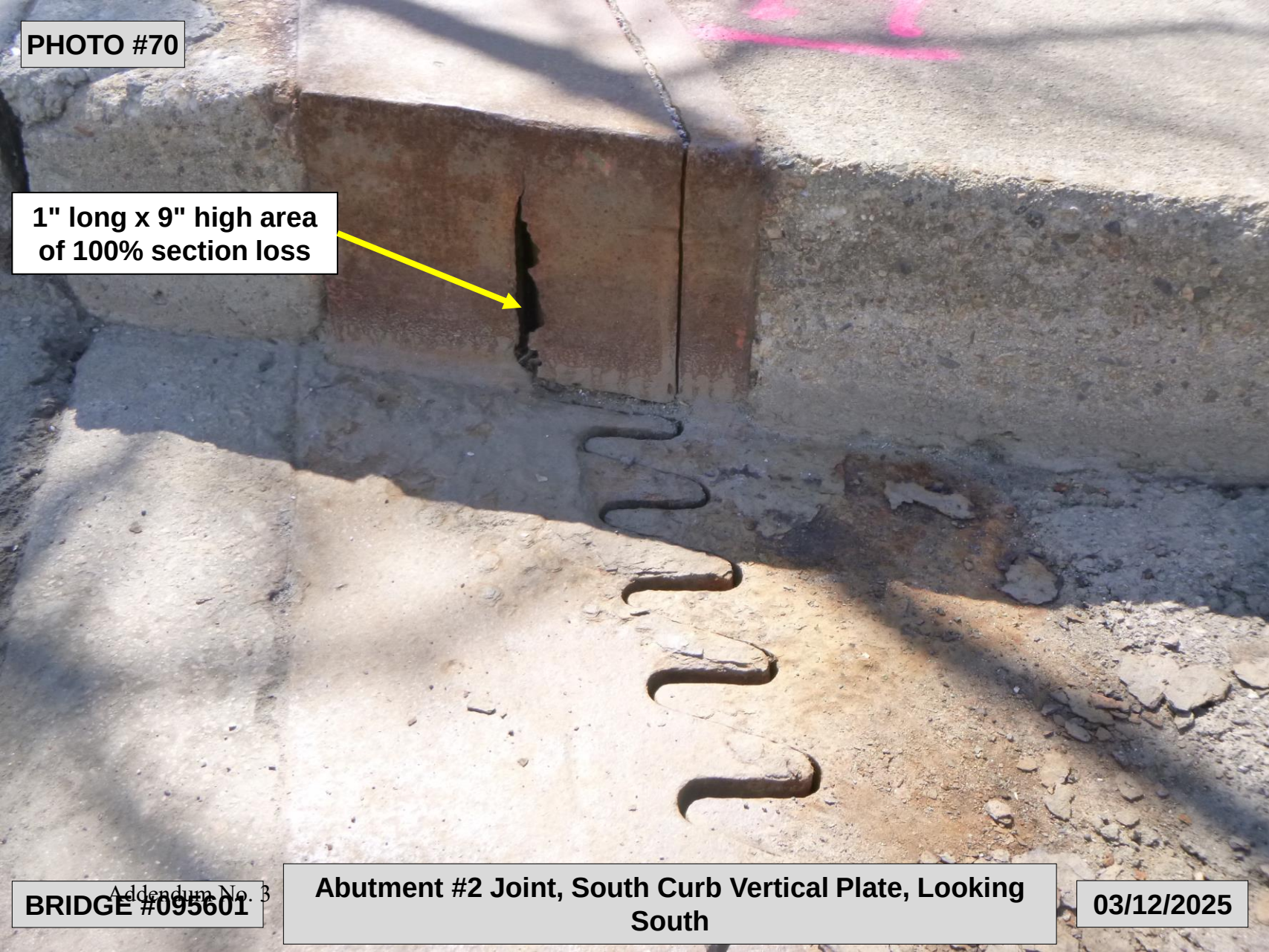


PHOTO #68
1/4" vertical misalignment
BRIDGE #095601
Abutment #2 Joint, Looking North
03/12/2025

PHOTO #69
3" long x 2'-1" wide
x 1" deep spall
BRIDGE #095601
Abutment #2 Joint, Eastbound Lane, Looking Northeast
03/12/2025



BRIDGE #095601

Addendum No. 3

Abutment #2 Joint, South Curb Vertical Plate, Looking South

03/12/2025

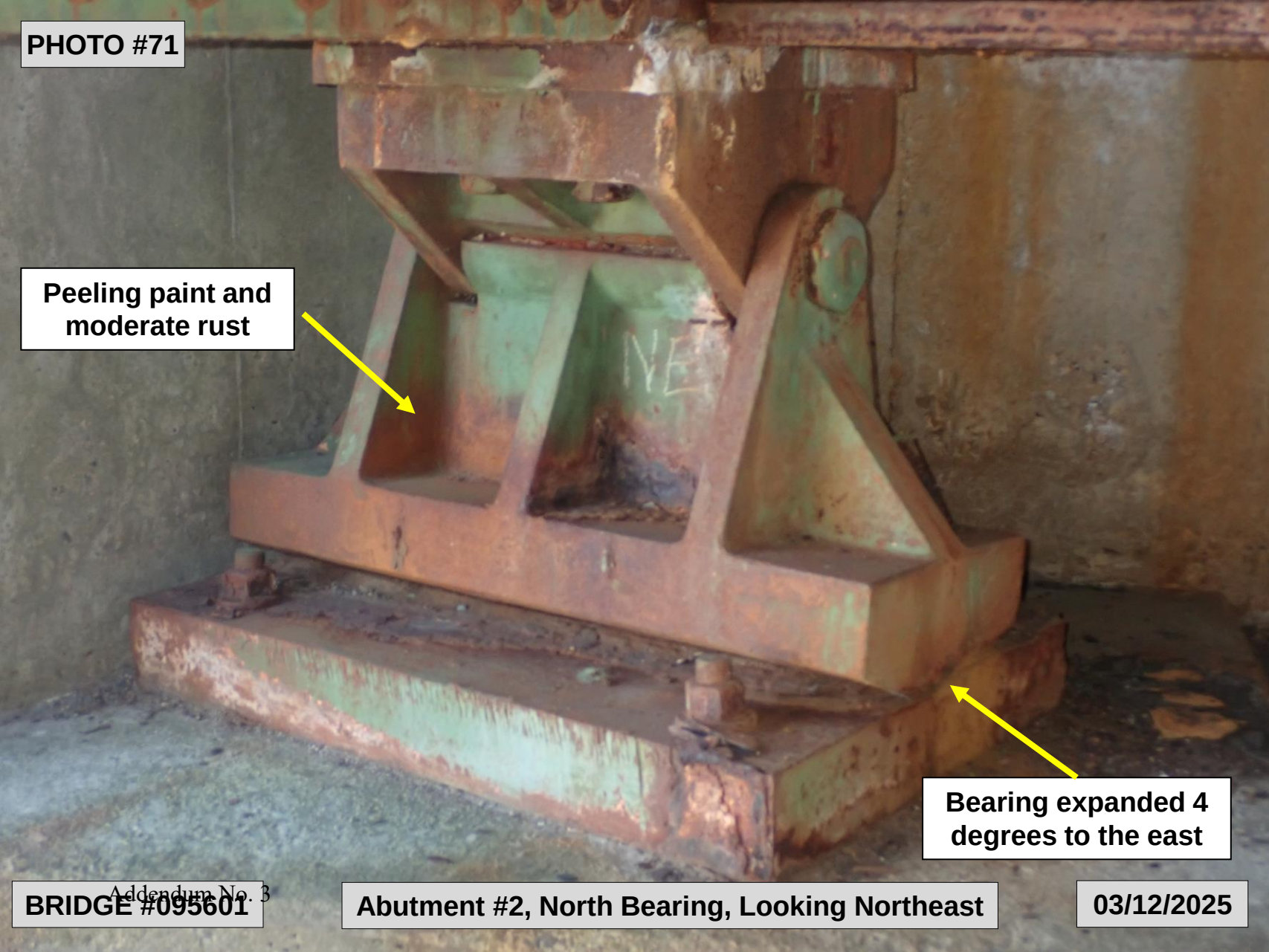


PHOTO #71
Peeling paint and moderate rust
Bearing expanded 4 degrees to the east
BRIDGE #095601
Abutment #2, North Bearing, Looking Northeast
03/12/2025

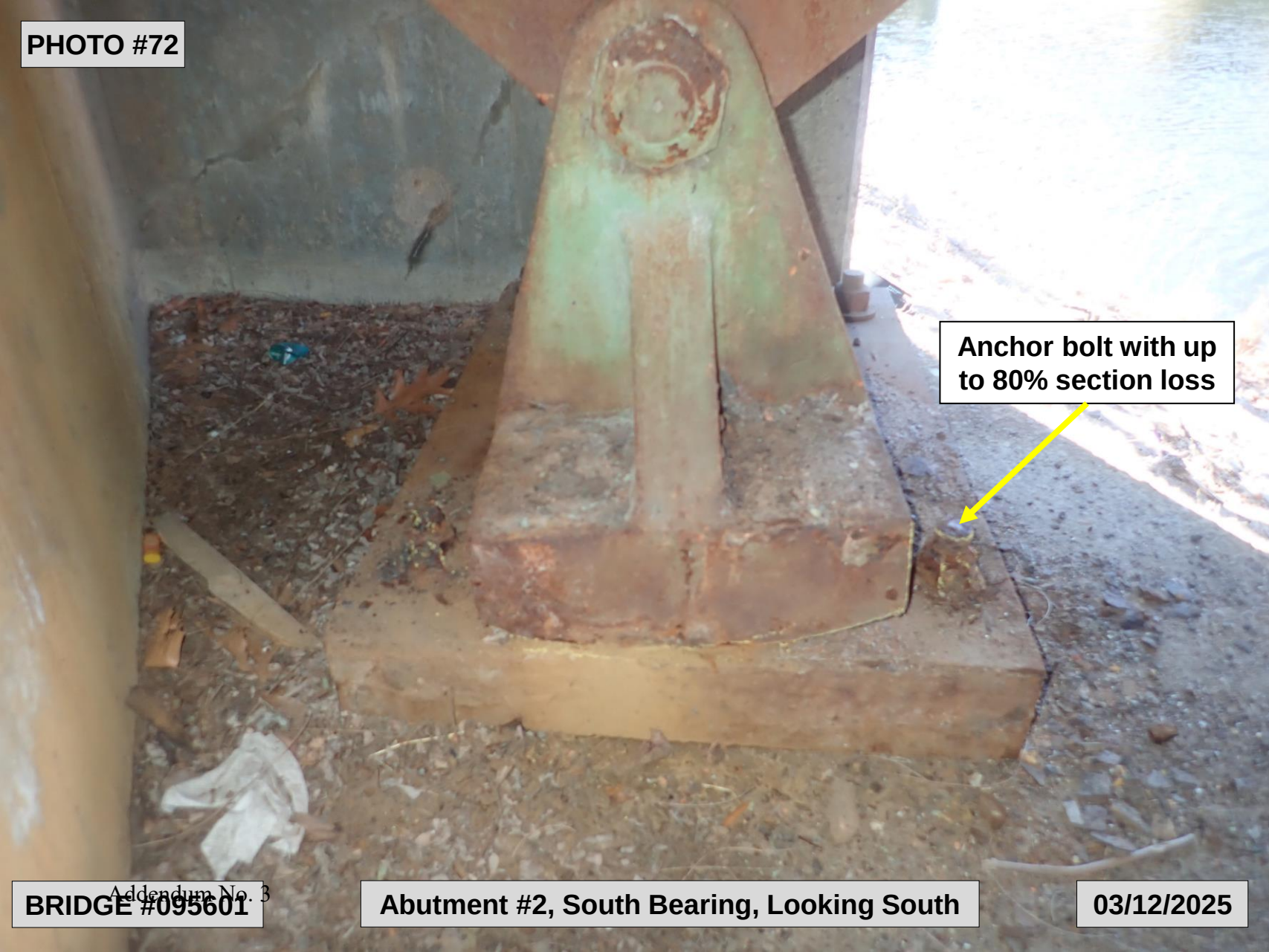


PHOTO #72
Anchor bolt with up to 80% section loss
BRIDGE #095601
Abutment #2, South Bearing, Looking South
03/12/2025

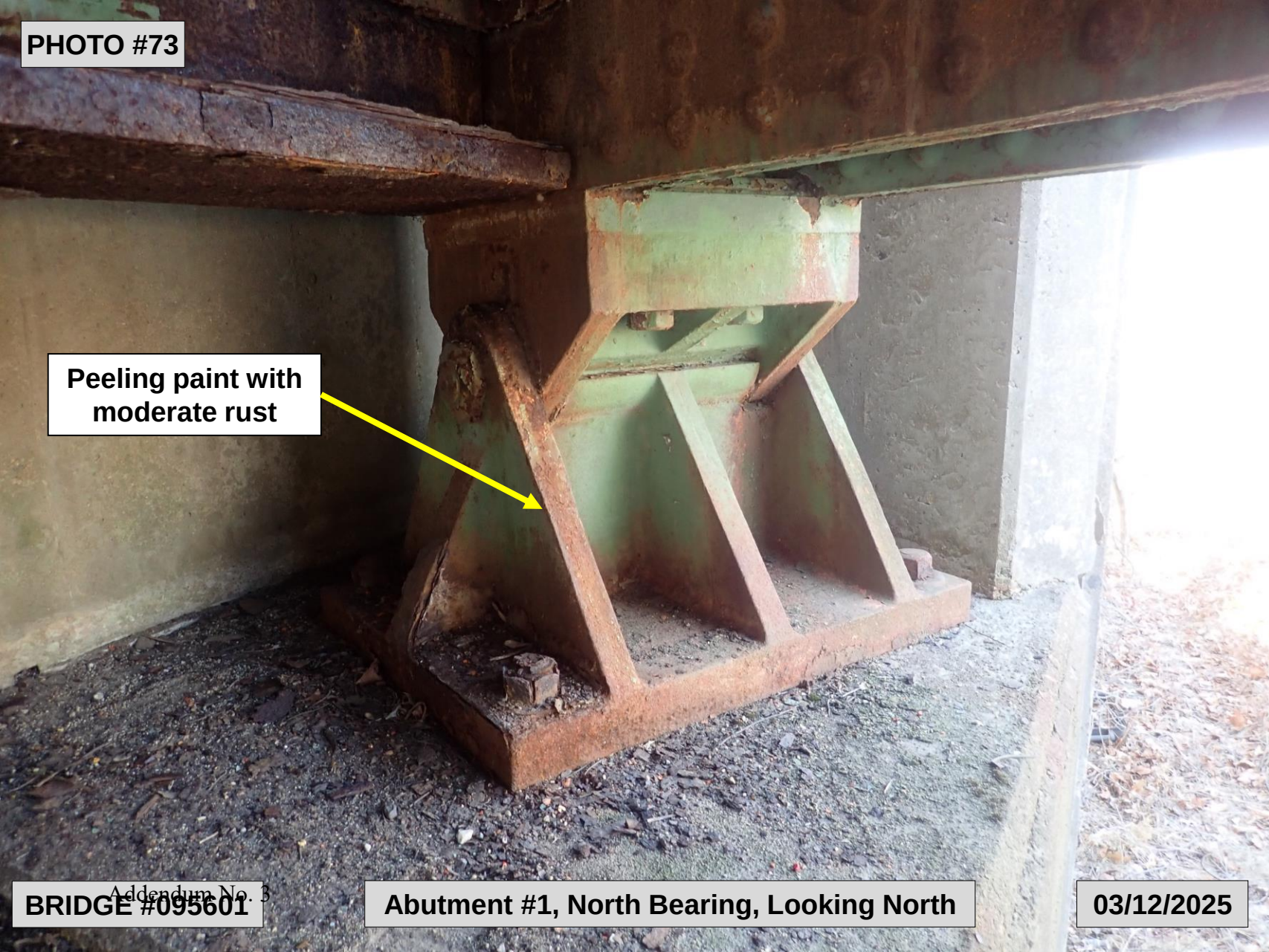


PHOTO #73
Peeling paint with moderate rust
BRIDGE #095601
Abutment #1, North Bearing, Looking North
03/12/2025

BRIDGE #095601

North Bridge Railing, West of Panel Point L4, Looking Northeast

03/12/2025

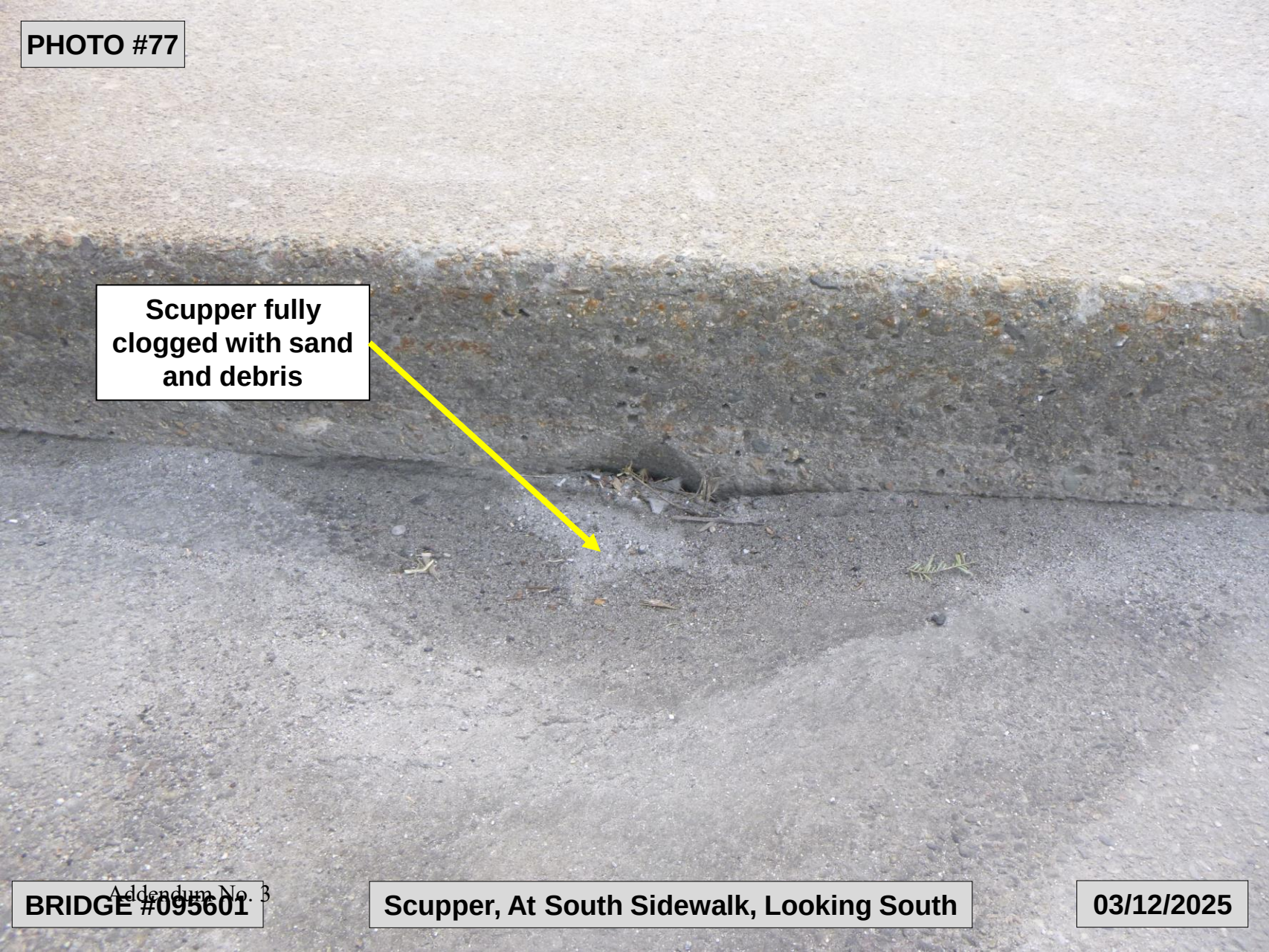
PHOTO #75
Two (2) holes up to 4" diameter
8'-0" long area of impact damage with nine (9) bent pickets and one (1) broken picket
BRIDGE #095601
South Bridge Railing, Panel Point L4, Looking Southeast
03/12/2025

BRIDGE #095601

North Bridge Railing, Near Panel Point L5, Looking Northwest

03/12/2025

PHOTO #77



BRIDGE #095601

Scupper, At South Sidewalk, Looking South

03/12/2025

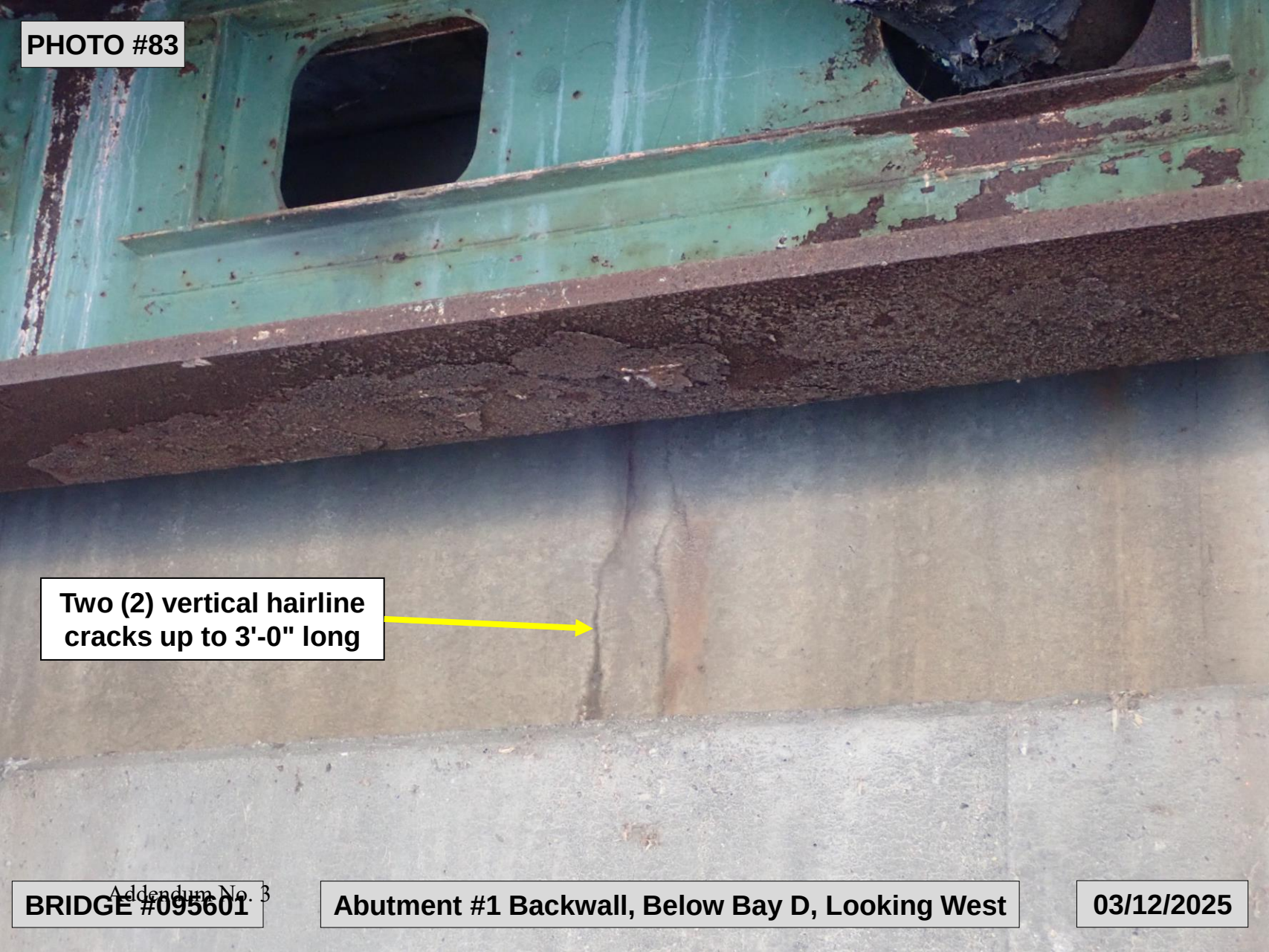
PHOTO #78
Light scaling
BRIDGE #095601
Northeast Return Wall, Looking South
03/12/2025

PHOTO #79
Vegetation growth
Graffiti
BRIDGE #095601
Southwest Return Wall, Looking Northwest
03/12/2025

PHOTO #80
Gap up to 2" toward east with missing joint sealant
Light scaling and concrete discoloration
Heavy vegetation
BRIDGE #095601
Northwest Wingwall, Looking Northwest
03/12/2025

PHOTO #81
Graffiti
Light scaling and concrete discoloration
BRIDGE #095601
Southeast Wingwall, Looking East
03/12/2025

BRIDGE #095601 | Abutment #2 Backwall, Looking Northeast | 03/12/2025

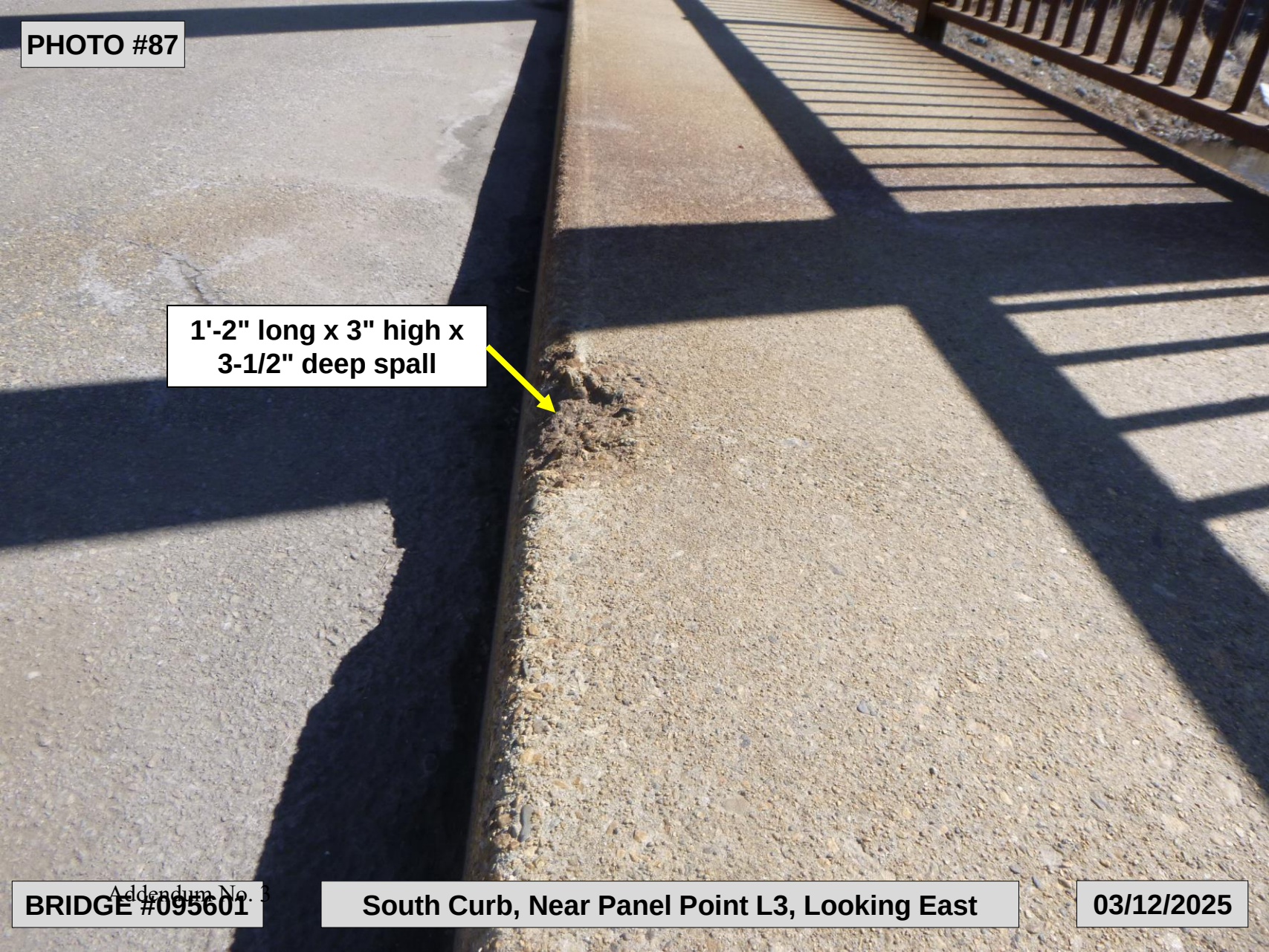


BRIDGE #095601 | Abutment #1 Backwall, Below Bay D, Looking West | 03/12/2025

BRIDGE #095601 | Southwest Approach Guardrail, Looking Southwest | 03/12/2025

BRIDGE #095601 | Southeast Approach Guardrail, Looking Southwest | 03/12/2025

BRIDGE #095601 | Northwest Approach Sidewalk, Looking Northeast | 03/12/2025



Addendum No. 3

BRIDGE #095601 | South Curb, Near Panel Point L3, Looking East | 03/12/2025

PHOTO #88
2'-0" long hairline crack
BRIDGE #095601
South Curb, Near Panel Point L2, Looking South
03/12/2025

PHOTO #89
14'-9"
NO PARKING ANY TIME
BRIDGE #095601
Advanced Vertical Clearance Sign, West Approach
03/12/2025

Addendum No. 3

BRIDGE #095601 | Advanced Vertical Clearance Sign, East Approach | 03/12/2025

PHOTO #91

BRIDGE #095601

Addendum No. 3

Load Posting Sign, West Approach

03/12/2025

PHOTO #92
EMERGENCY
VEHICLE
WEIGHT LIMIT
SINGLE AXLE 17T
TANDEM 25T
GROSS 35T
AHEAD
BRIDGE #095601
Addendum No. 3
Advanced Load Posting Sign, East Approach
03/12/2025

PHOTO #93

Addendum No. 3

BRIDGE #095601

Load Posting Sign, East Approach

03/12/2025

PHOTO #94
Rivet head sheared off
STR. E
FB 2, W.F.
BRIDGE #095601
Stringer E, West Face of Floorbeam 2, Looking East
03/12/2025

Bridge No. 095601: River Street over Blackstone River
Woonsocket, Rhode Island
Inspection Date: March 12, 2025

Floorbeam 1:
West Face – The web exhibits moderate to heavy rust for up to 75% of the total length x up to full-height, most notably at the South half and lower 6" of the web. There is an area of section loss at the bottom of the web, 5" high x up to 3/16" deep near the south truss.

East Face – At the South Truss, the connection plate at Panel Point L0 exhibits moderate rust near the top.

Floorbeam 2:
East Face near South Truss – The lower web exhibits section loss 6'-6" long x up to 1'-3" high x up to 3/16" deep (1/8" deep on average). The connection plate exhibits heavy rust along the top.

West face near North Truss – The lower web exhibits section loss 7'-0" long x up to 1'-0" high x up to 3/16" deep (1/8" deep on average).

East Face near North Truss – The lower web exhibits section loss 6'-0" long x up to 1'-0" high x up to 3/16" deep.

Floorbeam 3:
West Face near South Truss – The lower web has section loss 5'-0" long x 7" high x up to 1/4" deep (1/8" deep on average) (Photo 39), and the top flange exhibits section loss 4'-0" long x 8" wide x 1/8" deep. The top web has section loss 1'-6" long x 3" high x 1/8" deep.

East Face near South Truss – The web exhibits section loss 7'-0" long x up to 11" high x 1/4" deep, 1/8" deep for remaining height (near stringer G) (Photo 40).

Bottom Flange near South Truss – The underside exhibits section loss 5'-0" long x full-width x 1/16" deep.

West Face near North Truss – The web exhibits section loss 3'-6" long x 8" high x 3/16" deep.

East Face near North Truss – The web exhibits section loss 6'-0" long x 1'-2-1/2" high x up to 5/16" deep (1/8" deep on average) (Photo 41).

Floorbeam 4:

West Face near South Truss – The web exhibits section loss 3'-0" long x 5" high x 1/16" deep.

East Face near South Truss – The web exhibits section loss 5'-6" long x 9" high x 1/8" deep, with the remaining height exhibiting section loss up to 1/16" deep.

East Face below Bay C – At the lateral bracing connection plate upper North corner, the web exhibits section loss 1" long x 1" high x 1/8" deep. Between the lateral brace connection plate and the connection angle, there is pack rust up to 1/8" thick.

East face near North Truss – The lower web exhibits section loss 4'-0" long x 3" high x up to 1/8" deep, section loss 1'-0" long x 5" high x 1/16" deep south of Stringer A along the top, and section loss adjacent to the connection angle up to full length of the angle x 1'-2" high x 1/8" deep (Photo 42).

Bridge No. 095601: River Street over Blackstone River
Woonsocket, Rhode Island
Inspection Date: March 12, 2025

Floorbeam 5:
Near South Truss – Both faces of the web exhibit section loss up to 5'-0" long x up to 1'-2" high x up to 3/16" deep (1/8" deep on average).

East Face near North Truss – The web exhibits section loss 2'-8" long x 1'-0" high x up to 1/8" deep.

Bottom Flange near North Truss – The underside exhibits section loss 2'-8" long x full-width x 1/16" deep.

Floorbeam 6:
West Face near South Truss – The lower web exhibits section loss 5'-0" long x 5" high x up to 1/4" deep and the upper web exhibits section loss 4'-0" long x up to 4-1/2” high x 1/4” deep (1/16" deep on average) (Photo 43).

East Face near South Truss – The lower web exhibits section loss 6'-6" long x up to 5-1/2" high x up to 3/16" deep (isolated areas of pitting up to 1/4" deep).

East Face near North Truss – The lower web exhibits section loss 5'-0" long x 5" high x up to 1/4" deep and the top flange exhibits section loss 4'-0" long x full-width x 1/8" deep.

Bridge No. 095601: River Street over Blackstone River
Woonsocket, Rhode Island
Inspection Date: March 12, 2025

Floorbeam 7:

West Face near South Truss – The web exhibits section loss 2'-0" long x up to 9" high x up to 1/8" deep at the connection plate (1/16" on average).

East Face near South Truss – The lower web exhibits section loss 5'-0" long x 1'-1" high x 1/8" deep. At the East side connection plate, there is a 3/4" diameter hole.

West Face near North Truss – Between the bottom lateral brace connection angle and the web, there is pack rust 1/8" thick.

East Face near North Truss – The lower web exhibits section loss 7'-0" long x up to 1'-0" high x up to 7/16" deep (5/16" deep on average) (Photo 44). The remaining length of the lower web exhibits moderate to heavy rust along the lower 4" with an area of section loss below Stringer B, 3'-0" long x up to 5" high x up to 3/8" deep. The bottom flange exhibits 1/16" section loss throughout (less than 5% bottom flange section loss). The East lateral bracing connection plate exhibits several holes up to 3/8” diameter along the edge.

Floorbeam 8:

West Face near South Truss – The lower web exhibits section loss 3'-0" long x 7" high x 1/16" deep.

East Face near South Truss – The lower web exhibits section loss 4'-0" long x 7" high x up to 1/4" deep (1/8" on average) (Photo 45).

Bridge No. 095601: River Street over Blackstone River
Woonsocket, Rhode Island
Inspection Date: March 12, 2025

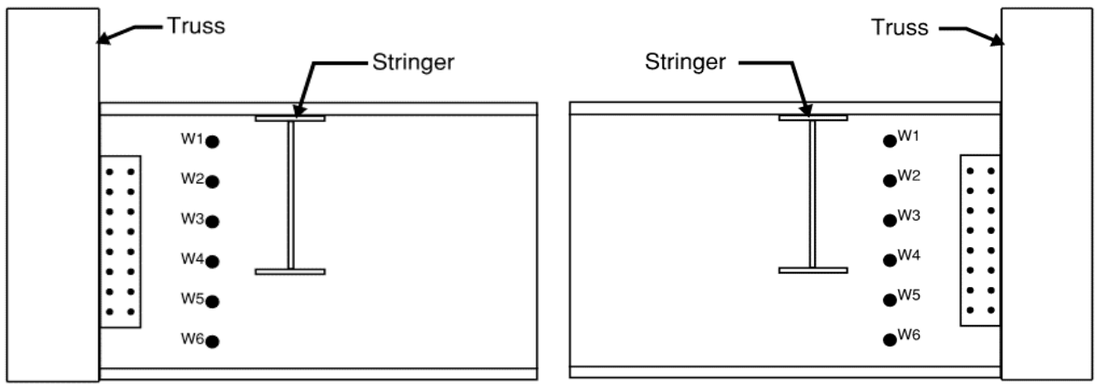
Floorbeam 9:
West Face near South Truss – The lower web exhibits section loss 2'-8" long x 1'-0" high x 1/8" deep.

East Face near South Truss – The lower web exhibits section loss 6'-0" long x 4" high x 3/16" deep, and the upper web exhibits an area of section loss 8" long x 8" high x up to 1/8" deep just North of Stringer G (Photo 46).

Floorbeam 10:
East face – The web exhibits heavy to laminated rust 10” high with section loss along the lower web full-length x 6" high x up to 3/16" deep. The top and bottom flanges exhibit heavy to laminated rust and section loss up to full-length x full-width x 1/16" deep (less than 5% bottom flange section loss).

FLOORBEAM SECTION LOSS DOCUMENTATION

Bridge # **095601** Inspection Date: 3/13/2024 Girder Type: 36WFx300 with cov. plates



FLOORBEAM END ELEVATION

Girder Properties: Original dimension (in inches)

d_w:	33.36	Height of Web, excluding t_f
t_w:	0.945	Thick of Web
b_f:	16.7	Bottom Flange Width
t_f:	1.68	Flange Thickness
k:	2.813	fillet size
N:	0	Bearing Length
W_{stiff}	0	Width of Stiffener
T_{stiff}=	0.00	Thickness of Stiffener

Web Area:	31.53	= d_w x t_w (in^2)
L_b:	14.07	= N + 2(2.5k), Effective Bearing Length (in)
W_b	13.29	= L_b x tw, Web Bearing Area (in^2)
S_b	0.0	= W_{stiff} x T_{stiff} x 2, Stiffener Bearing Area (in^2)
S_{b1}	0.0	= W_{stiff} x T_{stiff}, Stiffener Bearing Area, one plate (in^2)
Ag:	13.29	= Wb + Sb, Gross Bearing Area (in^2)

INSTRUCTION AND NOTES

1. Describe the location and length of losses represented by the sections shown for each row (i.e. Span #1: Floorbeam "1" at/near North Truss)
2. Enter remaing section of the web at 6 equidistant locations as shown in the sketches above.
3. Revisions marked in red

* k value for rolled shapes, t_f for plated girders and average flange thickness for S shapes and slopped flanges

1 3/13/24 - Jacobs | AR/JK	2 3/12/25 - CRS, RSR, TAS, OOF (TSC)
3	4

SHEAR LOSS CALCULATIONS

Floorbeam "1" near North Truss

	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.95	0.95	0.945	31.525		
							Total Shear Loss	0.0	%	

Floorbeam "1" near South Truss

	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.95	0.76	0.914	30.483		
							Total Shear Loss	3.3	%	

Floorbeam "2" near North Truss

	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.63	0.57	0.830	27.703		
							Total Shear Loss	12.1	%	

Floorbeam "2" near South Truss

	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.82	0.76	0.893	29.788		
							Total Shear Loss	5.5	%	

Floorbeam "3" near North Truss

	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.70	0.51	0.830	27.703		
							Total Shear Loss	12.1	%	

Floorbeam "3" near South Truss at Stringer "G"

	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.70	0.82	0.82	0.82	0.70	0.45	0.716	23.880		
							Total Shear Loss	24.3	%	

Floorbeam "4" near North Truss

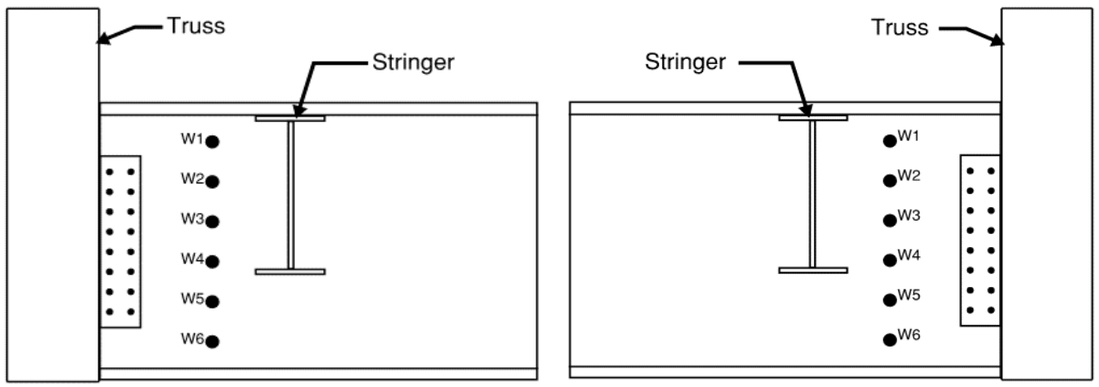
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.82	0.82	0.82	0.95	0.95	0.95	0.883	29.440		
							Total Shear Loss	6.6	%	

Floorbeam "4" near South Truss

	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.88	0.88	0.88	0.88	0.82	0.76	0.851	28.398		
							Total Shear Loss	9.9	%	

FLOORBEAM SECTION LOSS DOCUMENTATION

Bridge # **095601** Inspection Date: 3/13/2024 Girder Type: 36WFx300 with cov. plates



FLOORBEAM END ELEVATION

Girder Properties: Original dimension (in inches)

d_w:	33.36	Height of Web, excluding t_f
t_w:	0.945	Thick of Web
b_f:	16.7	Bottom Flange Width
t_f:	1.68	Flange Thickness
k:	2.813	fillet size
N:	0	Bearing Length
W_{stiff}	0	Width of Stiffener
T_{stiff}=	0.00	Thickness of Stiffener

Web Area:	31.53	= d_w x t_w (in^2)
L_b:	14.07	= N + 2(2.5k), Effective Bearing Length (in)
W_b	13.29	= L_b x tw, Web Bearing Area (in^2)
S_b	0.0	= W_{stiff} x T_{stiff} x 2, Stiffener Bearing Area (in^2)
S_{b1}	0.0	= W_{stiff} x T_{stiff}, Stiffener Bearing Area, one plate (in^2)
Ag:	13.29	= Wb + Sb, Gross Bearing Area (in^2)

INSTRUCTION AND NOTES

1. Describe the location and length of losses represented by the sections shown for each row (i.e. Span #1: Floorbeam "1" at/near North Truss)
2. Enter remaing section of the web at 6 equidistant locations as shown in the sketches above.
3. Revisions marked in red

* k value for rolled shapes, t_f for plated girders and average flange thickness for S shapes and slopped flanges

1 3/13/24 - Jacobs | AR/JK	2 3/12/25 - CRS, RSR, TAS, OOF (TSC)
3	4

SHEAR LOSS CALCULATIONS

Floorbeam "5" near North Truss										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.82	0.82	0.903	30.135		
							Total Shear Loss	4.4	%	

Floorbeam "5" near South Truss										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.70	0.70	0.57	0.799	26.660		
							Total Shear Loss	15.4	%	

Floorbeam "6" near North Truss										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.95	0.70	0.903	30.135		
							Total Shear Loss	4.4	%	

Floorbeam "6" near South Truss										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.70	0.88	0.95	0.95	0.95	0.51	0.820	27.355		
							Total Shear Loss	13.2	%	

Floorbeam "7" near North Truss										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.63	0.63	0.51	0.768	25.618		
							Total Shear Loss	18.7	%	

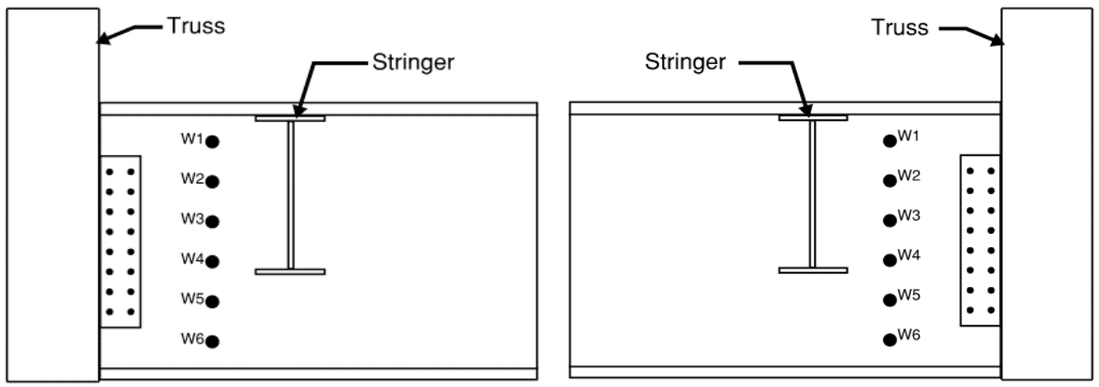
Floorbeam "7" near South Truss at Stringer "G"										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.82	0.70	0.76	0.851	28.398		
							Total Shear Loss	9.9	%	

Floorbeam "8" near North Truss										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.95	0.95	0.945	31.525		
							Total Shear Loss	0.0	%	

Floorbeam "8" near South Truss										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.76	0.63	0.862	28.745		
							Total Shear Loss	8.8	%	

FLOORBEAM SECTION LOSS DOCUMENTATION

Bridge # **095601** Inspection Date: 3/13/2024 Girder Type: 36WFx300 with cov. plates



FLOORBEAM END ELEVATION

Girder Properties: Original dimension (in inches)

d_w:	33.36	Height of Web, excluding t_f
t_w:	0.945	Thick of Web
b_f:	16.7	Bottom Flange Width
t_f:	1.68	Flange Thickness
k:	2.813	fillet size
N:	0	Bearing Length
W_{stiff}	0	Width of Stiffener
T_{stiff}=	0.00	Thickness of Stiffener

Web Area:	31.53	= d_w x t_w (in^2)
L_b:	14.07	= N + 2(2.5k), Effective Bearing Length (in)
W_b	13.29	= L_b x tw, Web Bearing Area (in^2)
S_b	0.0	= W_{stiff} x T_{stiff} x 2, Stiffener Bearing Area (in^2)
S_{b1}	0.0	= W_{stiff} x T_{stiff}, Stiffener Bearing Area, one plate (in^2)
Ag:	13.29	= Wb + Sb, Gross Bearing Area (in^2)

INSTRUCTION AND NOTES

1. Describe the location and length of losses represented by the sections shown for each row (i.e. Span #1: Floorbeam "1" at/near North Truss)
2. Enter remaing section of the web at 6 equidistant locations as shown in the sketches above.
3. Revisions marked in red

* k value for rolled shapes, t_f for plated girders and average flange thickness for S shapes and slopped flanges

1 3/13/24 - Jacobs | AR/JK	2 3/12/25 - CRS, RSR, TAS, OOF (TSC)
3	4

SHEAR LOSS CALCULATIONS

Floorbeam "9" near North Truss										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.95	0.95	0.945	31.525		
							Total Shear Loss	0.0	%	

Floorbeam "9" near South Truss										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.82	0.82	0.95	0.95	0.82	0.63	0.830	27.703		
							Total Shear Loss	12.1	%	

Floorbeam "10" near North Truss										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.95	0.76	0.914	30.483		
							Total Shear Loss	3.3	%	

Floorbeam "10" near South Truss										
	Thickness Remaining and Location									
Shear Section Loss:	W1	W2	W3	W4	W5	W6	Avg. Rem. Thickness	Rem. Area		
Web	0.95	0.95	0.95	0.95	0.95	0.76	0.914	30.483		
							Total Shear Loss	3.3	%	

Stringer A at Floorbeam 4 (24WF76)			Section Properties		
			tf=	0.68	in
			tw=	0.44	in
			D=	23.91	in
Shear:					
A orig. = (d - 2*tf)*tw	9.86	in			
A loss =	1.43	sq.in			
Shear loss =	14.5	%			

Stringer G at Floorbeam 5 (27WF94)			Section Properties		
			tf=	0.75	in
			tw=	0.49	in
			D=	26.90	in
Shear:					
A orig. = (d - 2*tf)*tw	12.45	in			
A loss =	2.88	sq.in			
Shear loss =	23.2	%			