

Addendum #1

RFP #26-08 Bridges Repair & Maintenance

Posted 10/16/25

This addendum is issued to give examples and locations of repairs needed to request **pricing** for specific repair items identified during the field inspection. Bidders shall include individual line-item pricing for the following work items in their proposal.

CENIE ROAD over BIG SANDY CREEK

Maintenance			
Activity	Priority	Location	Comments
845-Other Bridge Maintenance	B	Bent 3	Remove drift and debris accumulation from bent 3. Completed 8-23-2021
800-Bridge Joint Sealing	C	Deck joints	Deck joints need to be cleaned and sealed.
830-Repair Main Structural Members	B	Bents 2 and 3	Encasements at bent 2, piles 1 and 2 are at the ground line Bent 3 pile encasements are undermined and need to be extended to a point 2.0' below the mud line.
845-Other Bridge Maintenance	B	Both approach roadways	Both approach roadways have minor settlement and need to be leveled.
550-Erosion control	C	Abutment 5	Abutment 5 left has erosion 8.0' long x 2.0' back x up to 2.0' high and needs to be repaired.
000-Bridge Painting	C	All steel piles	All steel piles need to be cleaned and painted.

BROWNLEE ROAD over BIG SANDY CREEK

Maintenance			
Activity	Priority	Location	Comments
845-Other Bridge Maintenance	B	Bent 3	Repair undermined encasements at bent 3. Bent 3: piles 1 and 2 encasements are undermined and need to be extended to a point 2.0' below the mudline.
845-Other Bridge Maintenance	B	Bent 4	Repair moderate scour under span 3.
000-Bridge Painting	C	Bents 2, 3, and 4.	All steel piles need to be cleaned and painted
800-Bridge Joint Sealing	C	deck joints	deck joints need cleaning and sealing.
	C	all joints	Deck joints need to be cleaned and sealed.

COLWELL ROAD over CABIN CREEK

Maintenance			
Activity	Priority	Location	Comments
800-Bridge Joint Sealing	C	All Joints	Clean and seal Joints
845-Other Bridge Maintenance	B	Bearings	Several of the bearings have loose nuts that need to be tightened down.
000-Bridge Painting	C	All Steel elements	All Steel elements need to be cleaned and painted.
550-Erosion control	B	Abutment 1	Abutment 1 has erosion 4" high x full width.
845-Other Bridge Maintenance	B	Gutter line	Clean and remove debris.

BARNETTS BRIDGE RD over JACKSON LAKE

Activity	Priority	Location	Comments
550-Erosion control	B	Abutment 4 left and forward approach slab	Repair erosion under left end of abutment 4 cap and forward approach slab; left side.
800-Bridge Joint Sealing	C	Abutment #1, bent 2 and 3 joints	Repair Abutment 1 joint; seal intermediate deck joints.
000-Bridge Painting	C	Beams and bearings	Steel beams and bearings need to be cleaned and painted.
830-Repair Main Structural Members	B	Bearings and masonry plates at both abutments	Repair bearings and masonry plates with sheet corrosion and section loss at both abutments.



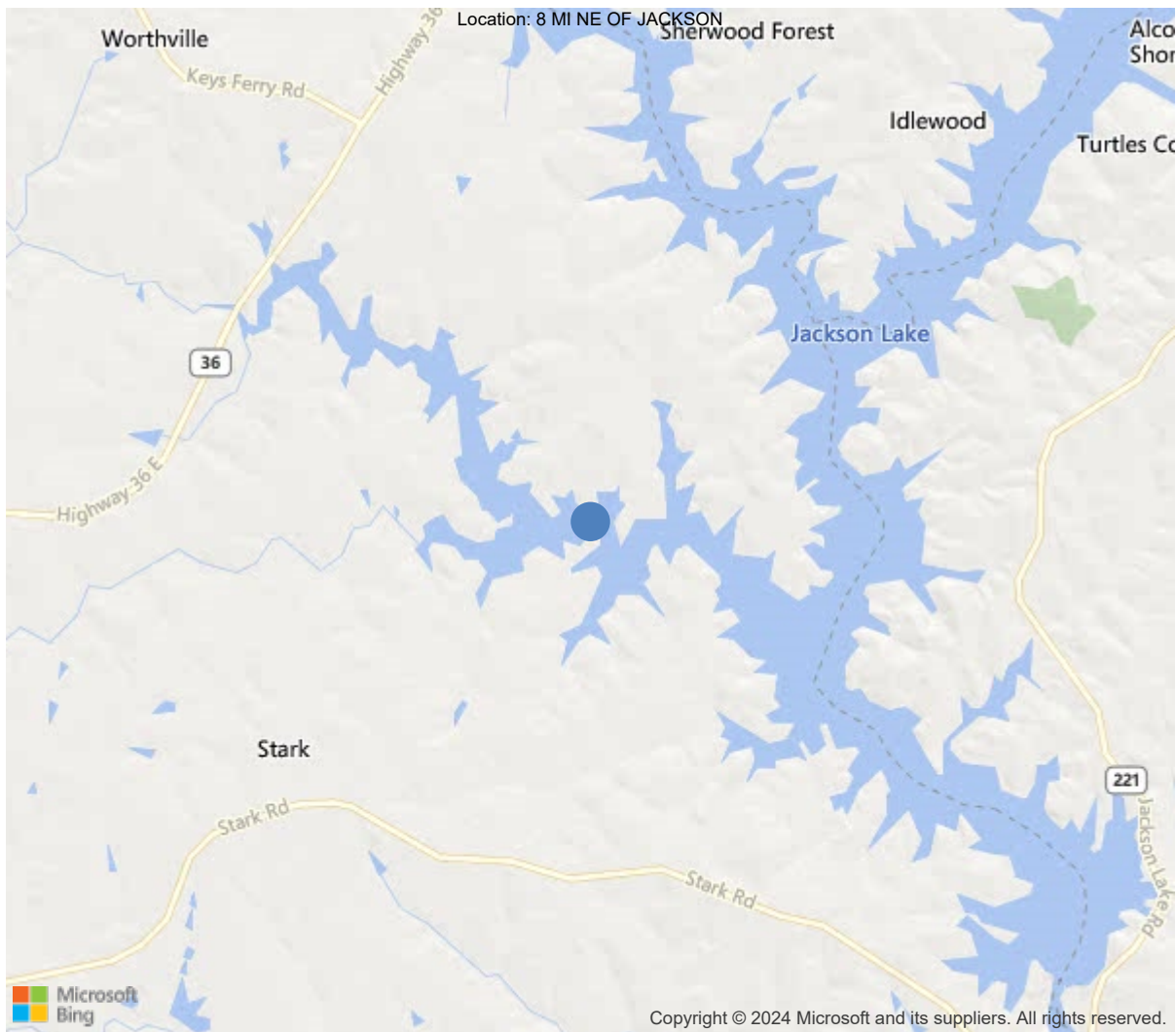
Latitude:33.35421, Longitude:-83.88309

Route: 00763 Log:6.110

District 3, 35 - Butts County

Owner: 2-County Highway Agency

Team Leader: Mark Gooden



33.35421, -83.88309

IDENTIFICATION	
(1) State Names	13 - Georgia
(8) Structure Number	035-0019-0
(5) Inventory Route	1
(2) Highway Agency District	3 - District 3
(3) County Code	35 - Butts
(4) Place Code	0
(6) Features Intersected	JACKSON LAKE
(7) Facility Carried	BARNETTS BRIDGE RD
(9) Location	8 MI NE OF JACKSON
(11) Mile Point	6.110 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	352028900
(16) Latitude	33.35421
(17) Longitude	-83.88309
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	42
Material	4-Steel continuous
Type	2-Stringer/Multi-beam or girder
(44) Approach Structure Type	00
Material	0-Other
Type	0-Other
(45) No. of Spans in Main Unit	3
(46) No. of Approach Spans	0
(107) Deck Structure Type	1-Concrete Cast-in-Place
(108) Wearing Surface/Protective System	
Type of Wearing Surface	0-None (no additional concrete thickness)
Type of Membrane	0-None
Type of Deck Protection	0-None
AGE AND SERVICE	
(27) Year Built	1977
(106) Year Reconstructed	
(42) Type of Service	15
On	1-Highway
Under	5-Waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	1650
(30) Year of ADT	2020
(109) Truck ADT	1 %
(19) Bypass, Detour Length	10 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	171.0 ft
(49) Structure Length	443.0 ft
(50) Curb or Sidewalk Width	
Left	0.0 ft
Right	0.0 ft
(51) Bridge Roadway Width Curb to Curb	32.0 ft
(52) Deck Width Out to Out	34.4 ft
(32) Approach Roadway Width (W/Shoulders)	20.0 ft
(33) Bridge Median	0-No median
(34) Skew	0 Deg
(35) Structure Flared	0-No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	32.0 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	0.00 ft
Ref:	
(55) Min Lat Underclear RT	0.0 ft
Ref:	
(56) Min Lat Underclear LT	0.0 ft
NAVIGATION DATA	
(38) Navigation Control	0-No navigation control on wat
(111) Pier Protection	0-Not Applicable (P)
(39) Navigation Vertical Clearance	0.0 ft
(116) Vert-Lift Bridge Nav Min Vert Clear	0.0 ft
(40) Navigation Horizontal Clearance	0.0 ft

CLASSIFICATION	
(112) NBIS Bridge Length	Y
(104) Highway System	0
(26) Functional Class	7-Rural Major Collector
(100) Defense Highway	0-The inventory route is not a
(101) Parallel Structure	N-No parallel structure exists
(102) Direction of Traffic	2-2 - way traffic
(103) Temporary Structure	
(105) Federal Lands Highways	0-N/A
(110) Designated National Network	0-The inventory route is not p
(20) Toll	3-On free road. The structure
(21) Maintain	2-County Highway Agency
(22) Owner	2-County Highway Agency
(37) Historical Significance	5-Bridge is not eligible for t
CONDITION	
(58) Deck	6
(59) Superstructure	7
(60) Substructure	7
(61) Channel & Channel Protection	7
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	3-MS 13.5 / HS 15
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1 - 2 - HS loading.
Rating	49
(65) Inventory Rating Method	1-Load Factor(LF)
(66) Inventory Rating	
Type	1 - 2 - HS loading.
Rating	29
(70) Bridge Posting	5-Equal to or above legal loads
(41) Structure Open/Posted/Closed	A-Open, no restriction
APPRAISAL	
(67) Structural Evaluation	5
(68) Deck Geometry	5
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	6
(36A) Bridge Railings	1-Inspected feature meets currently
(36B) Transitions	0-Inspected feature does not meet c
(36C) Approach Guardrail	0-Inspected feature does not meet c
(36D) Approach Guardrail Ends	0-Inspected feature does not meet c
(113) Scour Critical Bridges	U-Bridge with "unknown" foundation
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	0.0 ft
(94) Bridge Improvement Cost	\$ 1731
(95) Roadway Improvement Cost	\$ 173
(96) Total Project Cost	\$ 2596
(97) Year of Improvement Cost Estimate	2013
(114) Future ADT	2175
(115) Year of Future ADT	2032

INSPECTIONS *			
(90) Inspection Date	08/14/2023		
(91) Frequency	24		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	Yes	60	05/13/2020
C: Other Special Inspection	No		
* The inspection date and frequency information in this box contains the current NBI date and frequency information. Please refer to the report header for the date this inspection was conducted.			

Evaluation

Deck

NBIS Condition: 6 **Material:** 15 - O. Concrete **Deck Wearing Surface:** 0-None (no additional concrete thickness or wearing surface is included in the bridge deck)

Deck Evaluation:
Concrete deck 6.75" thick; rough grooved.

Abutment 1 deck joint; compression seal has damage and needs to be replaced.
Approximately 17.0' of the intermediate deck joints have moderate adhesion loss. (Silicone)
Abutment 4, joint is in good cond. (Transflex - Goodyear)

Deck top:
Minor shrinkage cracking.
Hairline to minor transverse cracking spaced approximately 3.0' to 4.0' apart, mixed with hairline longitudinal cracking over large portions of the deck.

Soffit:
Bottom of deck has minor transverse cracking with minor efflorescence in all bays.

Superstructure

NBIS Condition: 7 **Material:** 34 - M. Steel **Year Painted:** 1977 **Paint Type:** 2 - 1- Lead Chromate Oil Alkyd System

Superstructure Evaluation:
Three spans continuous with 5 (50") steel girders, haunched over the bents; spaced at 7.3' with 4.0" angle iron X-shaped diaphragms.
Vertical stiffeners are in place forward, rear, and at the bents of the Haunched beam sections.

Beams have minor rust and corrosion and need to be cleaned and painted.
Bearings and masonry plates have minor to moderate rust and corrosion; several have sheet corrosion.

Abutment 1, beam 2 has a loose nut on the bearing assembly.
Abutment 1, bearing 5 has moderate rust; masonry plate has sheet corrosion with minor section loss. (photo)

Abutment 1, rocker bearings are tilted 2 to 4 degrees to the rear.
Abutment 4, rocker bearings are tilted up to 5 degrees forward.
Abutment 4, bearing 5 has moderate rust; masonry plate has sheet corrosion with minor section loss. (photo)
Abutment 4 beam 5 right and left side anchor bolt 100% section loss

Some laterals and diaphragms have minor rust.

Substructure

NBIS Condition: 7 **Material:** 20 - O. Concrete **Year Painted:** 0 **Paint Type:** 1 - 0- Not Applicable

Substructure Evaluation:

Two concrete abutments.

Two intermediate bents with concrete caps on 2 (48" x 48") concrete columns each.

Erosion hole 2.0' deep at left side of abutment 4, extending 2.0' under the approach slab (between approach slab and end post where water is entering.). This extends under abutment 4 cap (see photo).

Minor vertical cracking of the caps and back walls.

Bent 2 cap, bottom left corner has a minor spall.

General

This Bridge:

Built 1977 with project number RS-0763 (1) 443' x 32'.

Equipment used: Hand tools, waders, and boat.

Both approaches have longitudinal and map cracking.

Minor vertical cracking in the hand rails with efflorescence.

Forward approach slab at abutment 4 has longitudinal cracking.

Forward left erosion hole 2.0' deep at left side of abutment 4 extending 2.0' under the approach slab (between approach slab and end post where water is entering). This extends under abutment 4 cap also. (see photo).

Conditional Situations

Confined Space: 0 - No **Traffic Control:** 0 - No **Underwater Inspection:** **Specialized Inspection:**

Equipment Used

Access Equipment: 1 - None

Waders: 2 - Hip boots

Topside Boat: 2 - 10' jon boat

Special Imaging Device: 1 - None

Load Rating and Posting

103-Temporarily Shored:

41-Structure Open, Posted, Closed: A-Open, no restriction

Truck Type	Gross/H-Mod	Tandem	Timber	HSMOD	3-S-2	Piggyback
Calculated Posting	21	33	37	30	40	0
Posting required	0	0	0	0	0	0
Existing Posting	00	00	00	00	00	00

Superstructure Data

Span #	Beam Type	Beam Spacing (ft)	Span Length (ft)	# Beams	Remarks
1	Steel Plate Girder	7.3	136	5	50" Plate Girder
2	Steel Plate Girder	7.3	171	5	50" Plate Girder
3	Steel Plate Girder	7.3	136	5	50" Plate Girder

Bearing Data

Span #	Rear Type Bearing	Forward Type Bearing	Remarks
1	Rocker	Continuous	
2	Fixed Pedestal	Continuous	
3	Sliding Plate	Rocker	

Elements & Defects

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	15238	7060	8178	0	0
1130	Cracking (RC and Other)	SF	8178	0	8178	0	0
107	Steel Open Girder/Beam	LF	2215	600	1615	0	0
1000	Corrosion	LF	1615	0	1615	0	0
515	Steel Protective Coating	SF	24919	0	0	20000	4919
3440	Effectiveness (Steel Protective Coatings)	LF	24919	0	0	20000	4919
205	Reinforced Concrete Column	EA	4	0	4	0	0
1190	Abrasion/Wear (PSC/RC)	EA	4	0	4	0	0
(205) Shon Reynolds							
(1190-205) Concrete has moderate scale and abrasion from cap down 10' then is light.							
215	Reinforced Concrete Abutment	LF	74	74	0	0	0
220	Reinforced Concrete Pile Cap/Footing	LF	36	36	0	0	0
234	Reinforced Concrete Pier Cap	LF	66	66	0	0	0
301	Pourable Joint Seal	LF	64	64	0	0	0
302	Compression Joint Seal	LF	32	0	0	0	32
2310	Leakage	LF	32	0	0	0	32
303	Assembly Joint with Seal	LF	32	32	0	0	0
311	Movable Bearing	EA	10	0	7	3	0
1000	Corrosion	EA	10	0	7	3	0
515	Steel Protective Coating	SF	20	0	0	0	20
3440	Effectiveness (Steel Protective Coatings)	EA	20	0	0	0	20
313	Fixed Bearing	EA	10	0	10	0	0
1000	Corrosion	EA	10	0	10	0	0
515	Steel Protective Coating	SF	20	0	0	0	20
3440	Effectiveness (Steel Protective Coatings)	EA	20	0	0	0	20
321	Reinforced Concrete Approach Slab	SF	1280	1280	0	0	0
330	Metal Bridge Railing	LF	886	886	0	0	0
331	Reinforced Concrete Bridge Railing	LF	886	886	0	0	0

Maintenance



Bridge #035-0019-0(Routine)

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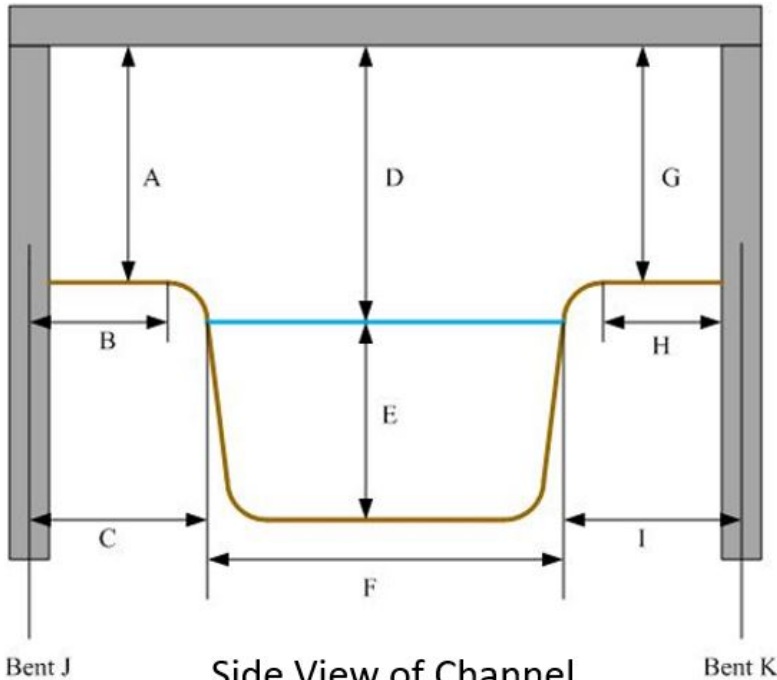
County: 35 - Butts, District: 3, Inspection Area:

Team Lead: Mark Gooden, Inspection Date: 08/14/2023

Activity	Priority	Location	Comments
550-Erosion control	B	Abutment 4 left and forward approach slab	Repair erosion under left end of abutment 4 cap and forward approach slab; left side.
800-Bridge Joint Sealing	C	Abutment #1, bent 2 and 3 joints	Repair Abutment 1 joint; seal intermediate deck joints.
000-Bridge Painting	C	Beams and bearings	Steel beams and bearings need to be cleaned and painted.
830-Repair Main Structural Members	B	Bearings and masonry plates at both abutments	Repair bearings and masonry plates with sheet corrosion and section loss at both abutments.

Channel Information

Top of Deck



A: 10 **B:** 6 **C:** 24 **D:** 11.5
E: 39.5 **F:** 398 **G:** 11.5 **H:** 17
I: 21 **J:** 1 **K:** 4

Location of Bridge Height: 55' Forward of Bent
2 (Down)

Bridge Height Taken: 1

Scour Condition: 8

Waterway Adequacy: 8

Channel Protection: 7

Channel Protection:

B,C,H, & I are measured to the center of bent or Back Face of Paving Rest

+ Substructure Skew = 0 - Channel Skew = 0 Angle of Stream Attack = 276

Vertical Clearance

(54B) Min Vertical Underclearance (ft-in):

(228A) Actual Min Vertical Odometer (ft-in): 99-99

(228B) Actual Min Vertical Opposite (ft-in): 99-99

(228C) Posted Min Vertical Odometer (ft-in): 00-00

(228D) Posted Min Vertical Opposite (ft-in): 00-00

(5E) Direction: 0-N/A

(55A) Lateral Type: N-Feature not a highway or railroad

(55B) Min Lateral Under Clearance on Right (ft): 0.0

(56) Min Lateral Under Clearance on Left (ft): 0.0

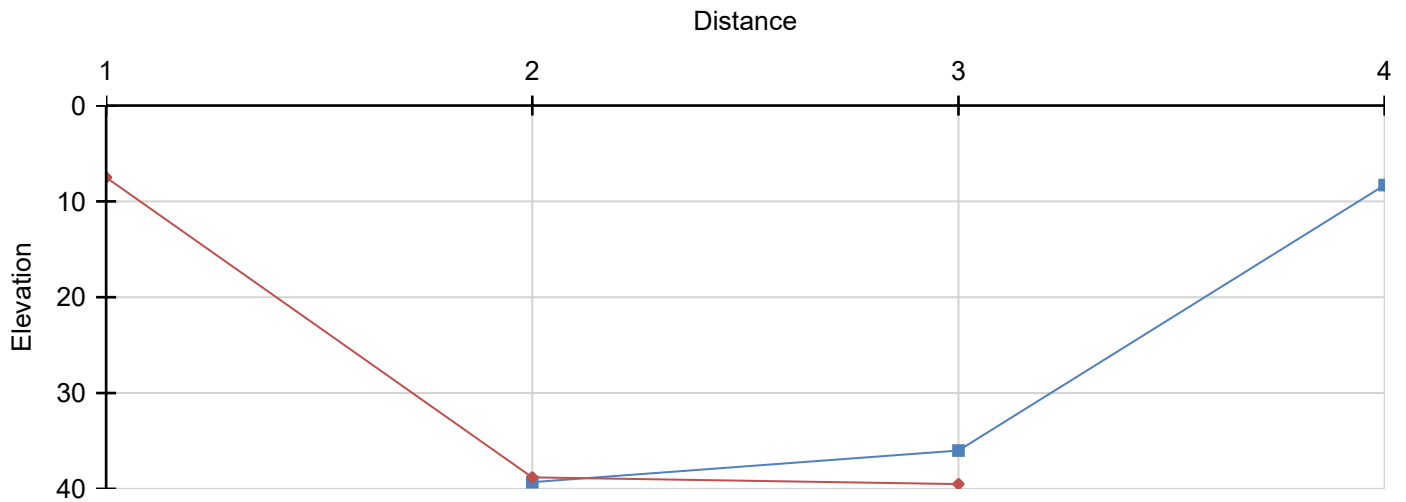
(47) Total Horizontal Clearance (ft): 32.0

(69) Rating-Under Clearance Horizontal/Vertical: N

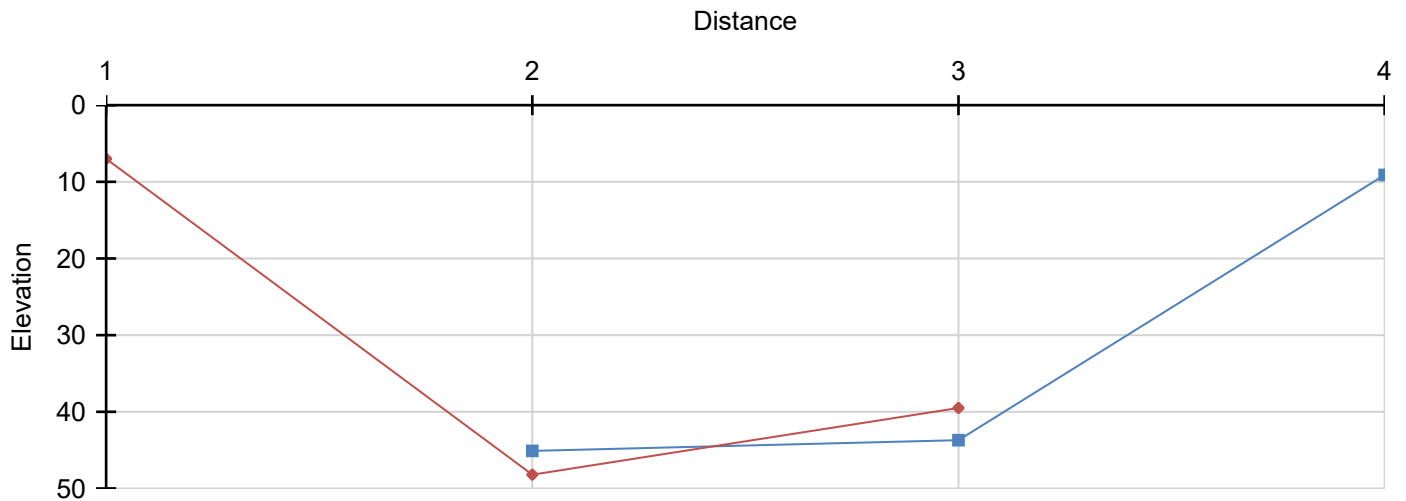
Channel Profile

Bent No.	Distance	Upstream -	Upstream +	Downstream -	Downstream +
1			7		7.5
2		45.1	48.2	39.3	38.8
3		43.7	39.5	36	39.5
4		9.1		8.3	

Downstream Elevation



Upstream Elevation





Underwater Report

Dive Supervisor: Shon Reynolds

Diver: James Bermudez

Standby Diver: Samuel Lindsay Jr

Bents Inspected: Bents 2 and 3

Bent Construction: Concrete columns on footings

Boat Used:

Inspection Type: 2

Maximum Water Depth: 37

Water Level Reference: Bottom of cap to waterline is 0.8' at bent 2 column 2

Bridge Inspection Procedure:

1 - 1. This bridge was inspected according to the procedures established in the Georgia Department of Transportation's Underwater Bridge Inspection Team Policy and Procedures Manual version June 2020

Condition Ratings:

Substructure: 7 **Channel Protection:** 7 **Scour:** 8 **Underwater:** 7 **Waterway Adequacy:** 8

Detailed Inspection:

Concrete has moderate scale and abrasion from cap down 10' then is light.

There is negligible scour present around structure.

As per the plans the footings are encased inside the seal.

Bent 2 seals are 2' apart from columns 1 and 2.

Bent 3 share 1 common seal for both columns 1 and 2.



Right side. 2023



Looking north. 2023



Underneath looking at bent 2 opposite. 2023



Abutment 1 bearing 5. 2023



Span 3 soffit efflorescence. 2023



Abutment 1 rocker bearing tilt. 2023



Abutment 4 bearing 5. 2023



Abutment 1 bearing 5. 2023



Bent 3 rocker bearings. 2023



Bent 2 bearings. 2023



Span 3 transverse. 2023



Typical bridge rail transition. 2023



Forward left erosion under forward approach slab. 2023



Span 1 transverse. 2023



Rear approach slab longitudinal cracking. 2023



Abutment 1 Bearing 5



Bearing assembly at bent 2



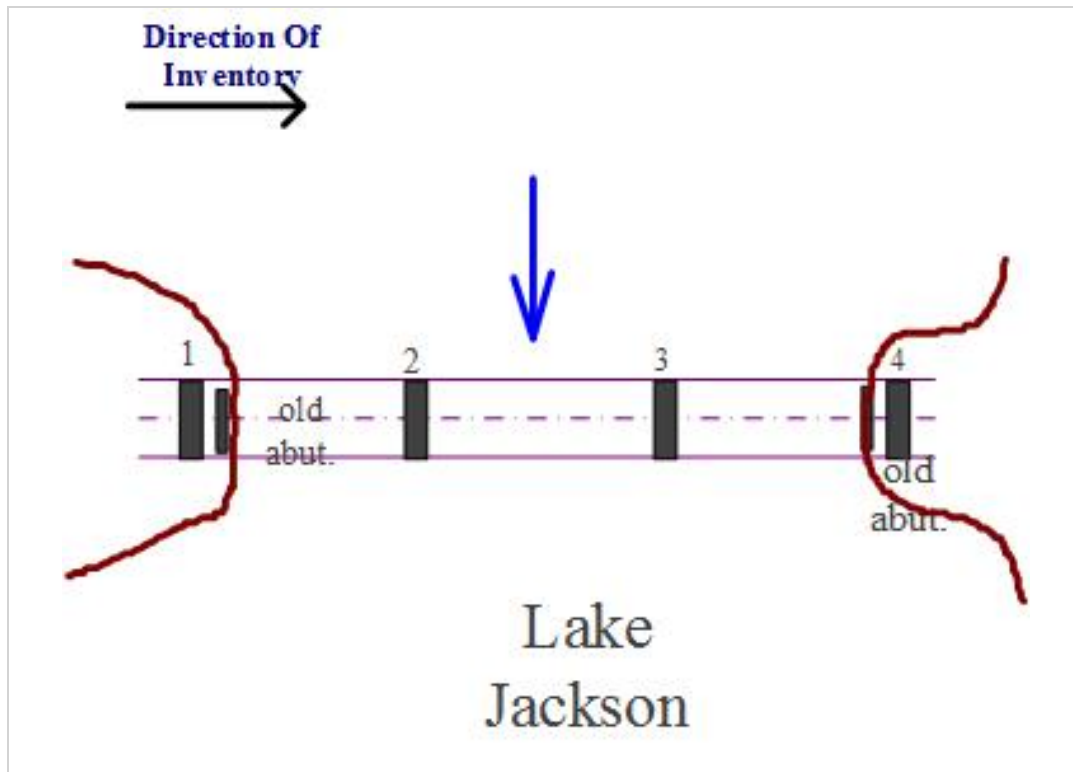
Abutment 4, bearing 5 corrosion. 2021



Abutment 4, rocker bearings. 2021

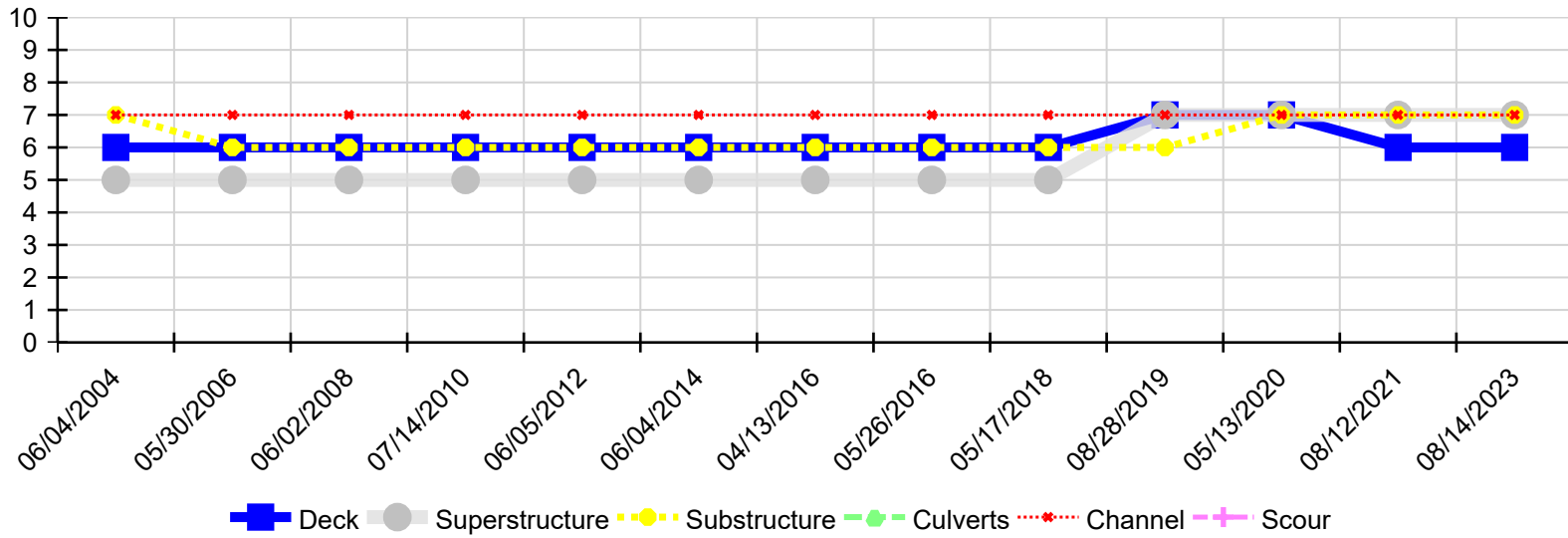


Bearing assembly at bent 3



Waterway sketch

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
08/14/2023	6	7	7	N	7	N
08/12/2021	6	7	7	N	7	N
05/13/2020	7	7	7	N	7	N
08/28/2019	7	7	6	N	7	N
05/17/2018	6	5	6	N	7	N
05/26/2016	6	5	6	N	7	N
04/13/2016	6	5	6	N	7	N
06/04/2014	6	5	6	N	7	N
06/05/2012	6	5	6	N	7	N
07/14/2010	6	5	6	N	7	N
06/02/2008	6	5	6	N	7	N
05/30/2006	6	5	6	N	7	N
06/04/2004	6	5	7	N	7	N