



Latitude:35.02189, Longitude:-90.52052

Route:50 Section:01 Log:13.54

Arnold Road ID:68x50x1xA, Arnold Log mile:13.543

District 01, 123 - St. Francis County

Owner: 1 - State Highway Agency

Inspection Direction: 4 - W to E

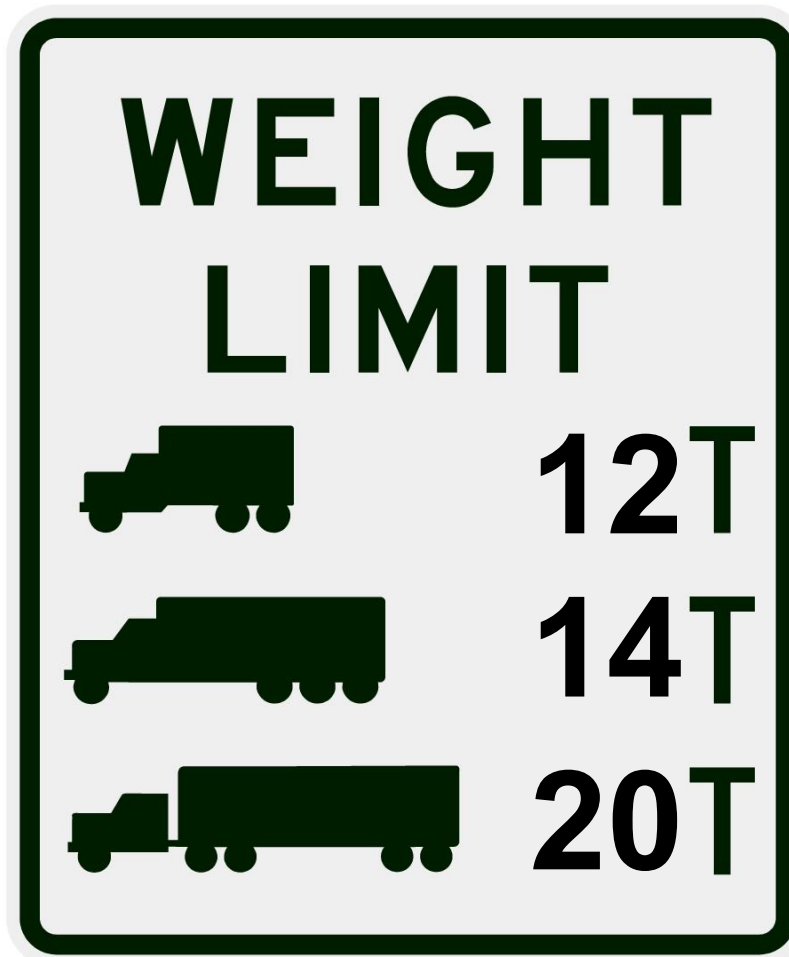
Bridge Posting Information

41 - Structure Open/Posted/Closed: P - Posted for load (may include other restrictions such a temporary bridges which are load posted)

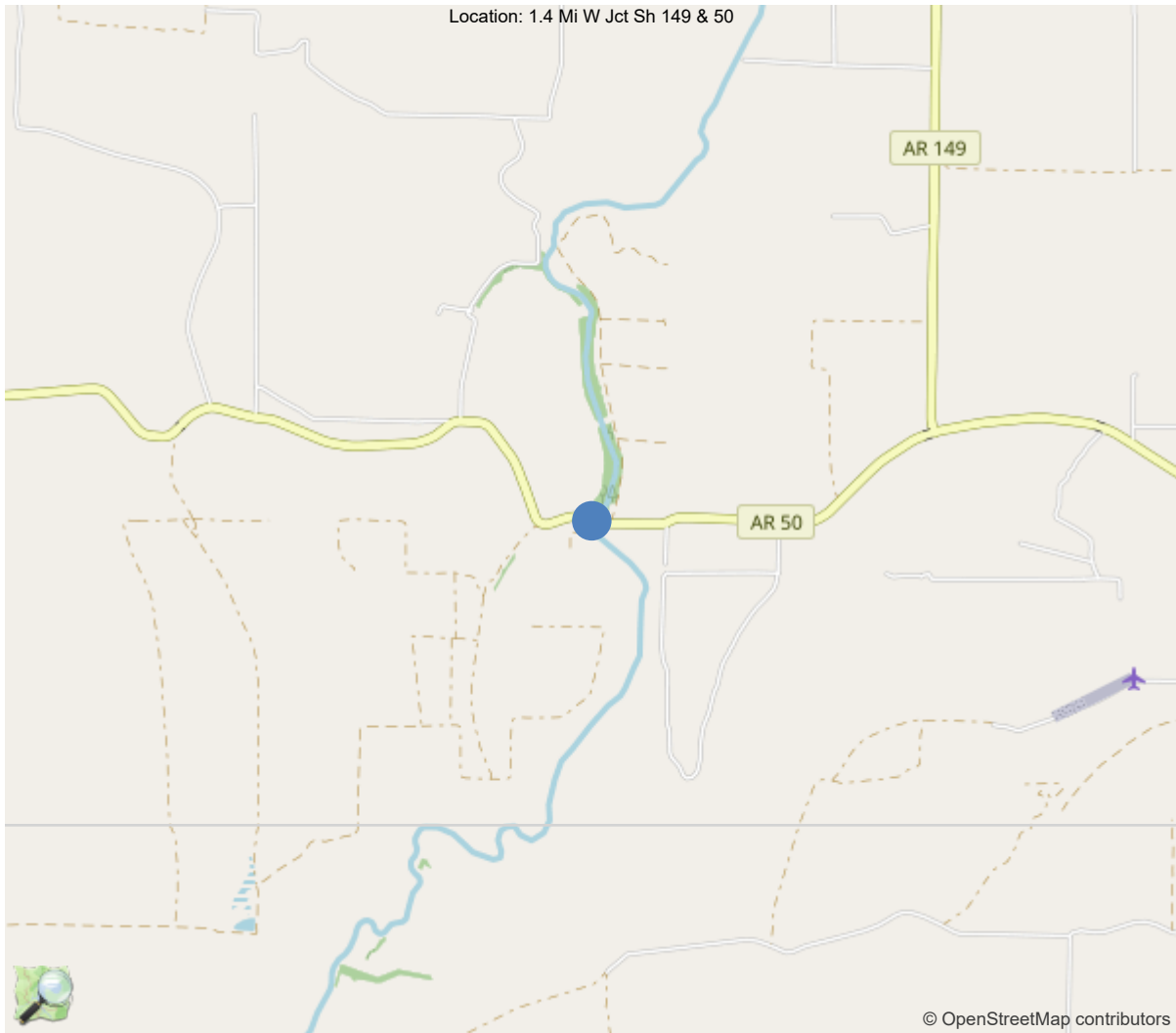
70 - Bridge Posting: 0 - > 39.9% below

Legal Load	Calculated Capacity	Beginning of Bridge Sign Current Value	End of Bridge Sign Current Value
Code 4 (22 Tons)	12	12	12
Code 9 (31 Tons)	14	14	14
Code 5 (40 Tons)	20	20	20

If calculated Capacity is less than the Legal Load Listed, the Bridge Legally Requires Posting Signs to be installed by the Bridge Owner



30"x36" AR



35.02189, -90.52052

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	M3331
(5) Inventory Route	1
(2) Highway Agency District	01 - District 01
(3) County Code	123 - St. Francis County
(4) Place Code	0
(6) Features Intersected	Blackfish Bayou
(7) Facility Carried	Sh-50/Sec-1/L13.54
(9) Location	1.4 Mi W Jct Sh 149 & 50
(11) Mile Point	13.54 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	35.021889
(17) Longitude	-90.520523
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	122
Material	1 - Concrete
Type	22 - Channel beam
(44) Approach Structure Type	00
Material	0 - Other
Type	0 - Other
(45) No. of Spans in Main Unit	10
(46) No. of Approach Spans	0
(107) Deck Structure Type	2 - Concrete Precast Panels
(108) Wearing Surface/Protective System	
Type of Wearing Surface	6 - Bituminous
Type of Membrane	0 - None
Type of Deck Protection	0 - None
AGE AND SERVICE	
(27) Year Built	1972
(106) Year Reconstructed	0
(42) Type of Service	15
On	1 - Highway
Under	5 - Waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	80
(30) Year of ADT	2019
(109) Truck ADT	7 %
(19) Bypass, Detour Length	1 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	19 ft
(49) Structure Length	189.8 ft
(50) Curb or Sidewalk Width	
Left	0.5 ft
Right	0.5 ft
(51) Bridge Roadway Width Curb to Curb	27.8 ft
(52) Deck Width Out to Out	28.7 ft
(32) Approach Roadway Width (W/Shoulders)	22 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	27.8 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	0 ft
Ref:	
(55) Min Lat Underclear RT	0 ft
Ref:	
(56) Min Lat Underclear LT	0 ft
NAVIGATION DATA	
(38) Navigation Control	0 - No navigation control on w
(111) Pier Protection	1 - Navigation protection not
(39) Navigation Vertical Clearance	0 ft
(116) Vert-Lift Bridge Nav Min Vert Clear	0 ft
(40) Navigation Horizontal Clearance	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
(101) Parallel Structure	N - No parallel structure exists
(102) Direction of Traffic	2 - way traffic
(103) Temporary Structure	
(105) Federal Lands Highways	0 - N/A
(110) Designated National Network	0 - The inventory route is not
(20) Toll	3 - On free road. The structure
(21) Maintain	1 - State Highway Agency
(22) Owner	1 - State Highway Agency
(37) Historical Significance	5 - Bridge is not eligible for
CONDITION	
(58) Deck	5
(59) Superstructure	4
(60) Substructure	4
(61) Channel & Channel Protection	5
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	0 - Other or Unknown
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1 - Load Factor(LF)
Rating	18
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	11
(70) Bridge Posting	0 - > 39.9% below
(41) Structure Open/Posted/Closed	P - Posted for load (may include
APPRAISAL	
(67) Structural Evaluation	
(68) Deck Geometry	7
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	7
(72) Approach Roadway Alignment	5
(36A) Bridge Railings	0 - Inspected feature does not meet
(36B) Transitions	0 - Inspected feature does not meet
(36C) Approach Guardrail	0 - Inspected feature does not meet
(36D) Approach Guardrail Ends	0 - Inspected feature does not meet
(113) Scour Critical Bridges	5 - Bridge foundations determined to
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	0 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 0
(96) Total Project Cost	\$ 0
(97) Year of Improvement Cost Estimate	
(114) Future ADT	85
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	03/25/2024		
(91) Frequency	12		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
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.			



Asset #M3331(Routine, Underwater type 2)

Sh-50/Sec-1/L13.54 over Blackfish Bayou

Location: 1.4 Mi W Jct Sh 149 & 50

Team Lead: Myron Futrell Inspection Date: 03/25/2024

General Observation

Assisting Bridge Inspector - Charley Smith

No lane closure was required for this inspection.

Access was by boat, waders and UAV.

58 - Deck (5 - FAIR CONDITION - all primary structural elements are sound but may have minor section loss, cracking, spalling or scour.)

Channel beam unit deck is in fair overall condition; several units have spalling to surface and areas of scaling. Deck has light to moderate abrasion full length that has been covered by deck units 2 through 7 have been covered with chip seal in 2023. Grout joints between units have areas of spalling.

01-22-2021 lowered deck from 6 to 5 due to deterioration of deck surface.

59 - Superstructure (4 - POOR CONDITION - advanced section loss, deterioration, spalling or scour.)

Superstructure is in poor overall condition, majority of units have cracking and spalling in unit legs. Multiple units have spalls in unit legs with exposed reinforcing steel, some areas are unbonded and most exposed reinforcing steel has minor to moderate section loss. Connection bolts are corroded with minor section loss.

1/30/2019 lowered super from 6 to 5 due to cracks and spalls.

01/24/2023 lowered superstructure from 5 to 4 due to large amounts of wide cracks, spalls, exposed rebar with moderate section loss.

60 - Substructure (4 - POOR CONDITION - advanced section loss, deterioration, spalling or scour.)

Substructure is in overall poor condition consisting of concrete caps with timber piles and timber back wall at abutment 2. Timber piles are unknown length or depth and have 11 that have been spliced and encased in concrete with unknown structural integrity of encasements. There are several piles with decay, two having severe decay noted. Several piles also have wide splits and shakes and minor outer shell damage. All piles are weathered and have minor vertical cracks. Abutment backwall has minor cracks, weathering, and some minor decay. Concrete caps have exposed rebar on bottoms due to poor concrete coverage.

1/30/2019 raised substructure from 4 to 5 due to piles being spliced.

01/24/2023 lowered substructure from 5 to 3 due movement of abutment #1 cap and movement of bent #3.

5/16/2023-Raised substructure from 3 to 4 due to repositioning of bent #3 cap an abutment #1 cap.



Asset #M3331(Routine, Underwater type 2)

Sh-50/Sec-1/L13.54 over Blackfish Bayou

Location: 1.4 Mi W Jct Sh 149 & 50

Team Lead: Myron Futrell Inspection Date: 03/25/2024

61 - Channel/Channel Protection (5 - Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and brush restrict the channel.)

Channel is in fair condition with a large accumulation of debris and silt in channel at bents 6, 7, 8 and silt build up in channel on downstream side of bridge. Channel alignment is fair, downstream slopes are steep and eroded on east bank. Rip rap has been placed under spans #2 and 3. Rip rap has been displaced at bent 9 exposing filter fabric.

1/30/2018 lowered channel from 5 to 4 due to size of drift.

1-6-2022 raised channel 4 to 5 due to drift size decreasing.

01/24/2023 lowered channel from 5 to 3 due to large drift causing slopes of banks to erode.

5/16/2023-raised channel from 3 to 5 due to rip rap being placed under spans #2 and 3, moderate debris and silt build up remain in channel.

A-15 - Late Reason (Equipment Issues)

Outboard boat motor water pump not working.

A-55 - Deck Washing Needed (Y)

Gutters have dirt and debris in them.

A-59 - Joint Repair Needed (Y)

Joint material is missing allowing non compressible material to enter.

A-63 - Missing/Incorrect Log Mile Signage (Y)

Log mile signs say 13.58 they should read 13.54

A-B.C.11 - B.C.11 Scour Condition Rating (New NBIS) (5 - Moderate scour; strength and stability of the bridge are not affected.)

5/16/2023-Raised Scour rating from 3 to 4 due to placement of rip rap under spans #2 and 3.

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
16	Reinforced Concrete Top Flange	SF	5458	4881	572	5	0
1080	Delamination/Spall/Patched Area	SF	575	0	570	5	0
1120	Efflorescence/Rust Staining	SF	2	0	2	0	0
1190	Abrasion/Wear (PSC/RC)	SF	3500	3500	0	0	0
510	Wearing Surfaces	SF	3990	3990	0	0	0
(16) Deck Surface has been chip sealed covering abrasion. Deck, Grout Joints: Spalled. 545SQF CS2 Deck Surface, Spans 1,2,3,4,5,6,8: Areas of spalling no reinforcing steel exposed. 20SQF CS2 3SQF CS3 Deck Surface, Span 5 unit 4: Repair of scaling with surface grouted. 5SQF CS2 Deck Under Surface, Span 3 Unit 2, Mid Span: Delaminated area. 2SQF CS3 Deck Under Surface, Span 8 Unit 2: Transverse cracks with light efflorescence. 2SQF CS2 Deck, Curb Units: Multiple areas of exposed reinforcing steel due to poor concrete coverage.							
110	Reinforced Concrete Open Girder/Beam	LF	1519	601	76	533	309
1080	Delamination/Spall/Patched Area	LF	1	0	1	0	0
1090	Exposed Rebar	LF	128	0	0	119	9
1120	Efflorescence/Rust Staining	LF	199	0	0	199	0
1130	Cracking (RC and Other)	LF	590	0	75	215	300
(110) All Spans, Multiple Units, Unit Legs: Small pop off spalls with exposed reinforcing steel. All Spans, All Units, Unit Legs: Vertical hairline flexure cracks six to eight inches apart. All Spans, All Units, Connection Bolts: Bolts are corroded with little to no section loss.							
Span 1, Unit 2, Bent 2, Left Leg, Side Face: Cracking with rust staining. 6LF CS3 Span 1, Unit 2, Bent 2, Right Leg, First ¾ of Span, Bottom Face: Cracking with rust staining. 13LF CS3 Span 1, Unit 3, From Abutment 1, Left Leg, Bottom and Side Faces: Cracking with rust staining. 15LF CS3 Span 1, Unit 3, Right Leg, Full Length: Cracking and delamination with rust staining. 15LF CS3 Span 1, Unit 3, Right Leg, ¾ Span: Exposed reinforcing steel with moderate section loss. 4LF CS3 Span 1, Unit 4, Left Leg, Mid-Span: Cracking with rust staining for 5' and cracking without rust staining 1'. 5LF CS3, 1LF CS2 Span 1, Unit 4, Right Leg, Abutment 1, Side Face: Cracking. 2LF CS2 Span 1, Unit 5, Left Leg, 3' from Abutment 1 and from ½ to ¾ Span: 1' cracking without rust staining and 3' cracking with rust staining. 1LF CS2, 3LF CS3 Span 1, Unit 5, Right Leg, Bottom Face, Full length: Cracking with rust staining. 19LF CS3 Span 1, Unit 6, Both Legs, Side and Bottom Faces, Full Length: Cracked and delaminated with rust staining. 19LF CS3 Span 1, Unit 7, Left Leg, Full Length, Bottom and Side Faces: Cracked and delaminated with rust staining. 19LF CS4 Span 1, Unit 7, Right Leg, Side Face, ½ to ¾ Span: Cracked and delaminated with rust staining. 2LF CS2, 4LF CS4							
Span 2, Unit 1, Right Leg, Bottom Face, Mid-Span: Cracking. 2LF CS2 Span 2, Unit 2 Left Leg, Side and Bottom Faces: 2' cracking in side face with rust staining at bent 2 and 2' cracking in bottom face with rust staining at mid-span. 4LF CS3 Span 2, Unit 2, Right Leg, ¾ Span: 1' delaminated area. 1LF CS3 Span 2, Unit 2, Right Leg, Bottom Face: Cracking 5' starting at bent 2 and 1' at ¾ span. 1LF CS2, 5LF CS3 Span 2, Unit 3, Left Leg, Bottom Face, Mid-Span: Cracking. 6LF CS4 Span 2, Unit 3, Right Leg, Side and Bottom Faces, Full Length: Cracking. 15LF CS4 Span 2, Unit 3, Right Leg, ¾ Span: 4' spall with exposed reinforcing steel with moderate section loss. 4LF CS3 Span 2, Unit 4, Left Leg, Side and Bottom Faces, Full Length: Cracked and delaminated. 19LF CS4 Span 2, Unit 4, Right Leg, Bottom Face, First Half of Span: Cracked and delaminated some with rust staining. 5LF CS2, 5LF CS4 Span 2, Unit 5, Right Leg, Bottom Face, Bent 2: Cracking with light rust staining. 5LF CS3							

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 2, Unit 6, Left Leg, Bottom Face: Cracking 4LF CS2 at ¼ Span and 6LF CS3 with rust staining starting at mid-span. 4LF CS2, 6LF CS3						
	Span 2, Unit 6, Right Leg, Bottom and Side Faces, Full Length: Cracked and delaminated full length with rust staining. 19LF CS4						
	Span 2, Unit 7, Left Leg, Bottom and Side Faces, Full Length: Cracking with rust staining. 19LF CS4						
	Span 2, Unit 7, Right Leg, Bottom Face, Mid-Span: Cracking with rust staining. 3LF CS3						
	Span 2, Unit 8, Left Leg, Side and Bottom Faces, Full Length: Cracking with rust staining. 14LF CS3						
	Span 2, Unit 8, Left Leg, Side and Bottom Faces, Full Length: Spall with exposed reinforcing steel with moderate section loss. 5LF CS3						
	Span 3, Unit 2, Left Leg, Bottom Face, Bent 4: Cracking. 2LF CS2						
	Span 3, Unit 2, Right Leg, Bottom Face, Mid-Span: Cracking with rust staining. 3LF CS3						
	Span 3, Unit 3, Left Leg, Bottom Face, Full Length: Cracking with rust staining. 18LF CS3						
	Span 3, Unit 3, Left Leg, Bottom Face, Mid-Span: Exposed reinforcing steel with moderate section loss. 1LF CS3						
	Span 3, Unit 3, Right Leg, Bottom and Side Faces, Full Length: Cracking with rust staining. 15LF CS3						
	Span 3, Unit 3, Right Leg, ¼ Span: Spall with exposed reinforcing steel with moderate section loss. 4LF CS3						
	Span 3, Unit 4, Left Leg, Bottom Face, Mid-Span: Cracking. 3LF CS2						
	Span 3, Unit 4, Right Leg, Bottom Face, ¼ Span: Cracking. 3LF CS2						
	Span 3, Unit 5, Left Leg, Bottom Face, ¼ and ¾ Span: 3' Cracking each location. 6LF CS2						
	Span 3, Unit 5, Right Leg, Side Face, Mid-Span: Cracking with light rust staining. 1LF CS3						
	Span 3, Unit 5, Right Leg, ¼ Span: Spall with exposed reinforcing steel with moderate section loss. 2LF CS3						
	Span 3, Unit 6, Both Legs, Full Length, Bottom and Side Faces: Cracking with rust staining. 19LF CS3						
	Span 3, Unit 6, Left Leg, ¼ Span: Spall with exposed reinforcing steel with moderate section loss. 5LF CS3						
	Span 3, Unit 7, Left Leg: Cracked and delaminated. 14LF CS4						
	Span 3, Unit 7, Left Leg, ¾ Span: Spall with exposed reinforcing steel with moderate section loss. 5LF CS3						
	Span 3, Unit 7, Right Leg, Bottom and Side Faces, First ¾ Span: Cracking. 14LF CS4						
	Span 4, Unit 1, Right Leg, Bottom Face, Starting at Bent 4: Cracking with rust staining. 9LF CS3						
	Span 4, Unit 2, Both Legs, Bottom Face, First ½ of Span: Cracked and delaminated. 9LF CS3						
	Span 4, Unit 3, Both Legs, Bottom and Side Faces, Full Length: Cracked and delaminated. 19LF CS3						
	Span 4, Unit 4, Left Leg, Last ½ of Span: Spalled with exposed reinforcing steel with moderate section loss. 6LF CS3						
	Span 4, Unit 4, Both Legs, Bottom and Side Faces, Full Length: Cracked and delaminated. 13LF CS3						
	Span 4, Unit 5, Left Leg, Bottom Face, ¼ and ¾ Span: Cracking. 1LF CS2, 2LF CS3						
	Span 4, Unit 6, Left Leg, Mid-Span and Bent 5: 2' cracking each location. 4LF CS3						
	Span 4, Unit 5, Right Leg, Bottom Face: Cracking throughout entire length. 13LF CS3						
	Span 4, Unit 6, Right Leg, Bottom and Side Faces, Starting at ¼ Span: Cracked and delaminated. 15LF CS3						
	Span 4, Unit 7, Left Leg, Bottom Face, Starting at bent 4: Cracked and delaminated. 12LF CS3						
	Span 5, Unit 3, Left Leg, Bottom and Side Faces, Full Length: Cracked and delaminated. 18LF CS4						
	Span 5, Unit 3, Left Leg, Mid-Span: Spall with exposed reinforcing steel with moderate section loss. 1LF CS3						
	Span 5, Unit 4, Left Leg, First ½ of Span: Spalled with exposed, unbonded reinforcing steel with moderate section loss. 9LF CS4						
	Span 5, Unit 4, Left Leg, Bottom and Side Faces, Second ½ of Span: Cracking. 9LF CS3						
	Span 5, Unit 4, Right Leg, First ½ of Span: Spalled with exposed reinforcing steel with moderate section loss. 9LF CS3						
	Span 5, Unit 4, Right Leg, Bottom and Side Faces, Second ½ of Span: Cracking. 9LF CS3						
	Span 5, Unit 5, ¼ and ¾ span: Missing connection bolts.						
	Span 5, Unit 5, Left Leg, Bottom and Side Faces: Cracking from beginning of span 12LF CS4						
	Span 5, Unit 5, Left Leg, Mid-Span: Spall with exposed reinforcing steel with moderate section loss. 5LF CS3						
	Span 5, Unit 5, Right Leg, Bottom and Side Faces, Full Length: Cracked and delaminated with rust staining. 19LF CS4						
	Span 5, Unit 7, Left Leg, ¾ Span: Cracking with rust staining. 2LF CS3						
	Span 5, Unit 7, Right Leg, ½ and ¾ Span: Cracking with rust staining each location. 2LF CS3						
	Span 6, Unit 1, Right Leg, Bottom Face, Full Length: Cracked and delaminated. 14LF CS4						
	Span 6, Unit 1, Right Leg, ¼ and ½ Span: 2' spall with exposed reinforcing steel with moderate section loss at ¼ span and 3' spall with exposed reinforcing steel with moderate section loss at 1/2 span. 5LF CS3						
	Span 6, Unit 2, Left Leg, Bottom Face, Mid-Span: Cracking with rust staining. 3LF CS3						
	Span 6, Unit 2, Right Leg, Bottom Face, Full Length: Cracked and delaminated with rust staining. 19LF CS3						
	Span 6, Unit 3, Left Leg, Bottom and Side Faces, Full Length: Cracked and delaminated with rust staining. 19LF CS3						
	Span 6, Unit 3, Right Leg, Bottom Face, Full Length: Cracked and delaminated with rust staining. 18LF CS3						

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 6, Unit 3, Right Leg: Spall with exposed reinforcing steel with moderate section loss. 1LF CS3						
	Span 6, Unit 4, Left Leg, Bottom Face, Mid-Span: Cracked and delaminated. 8LF CS3						
	Span 6, Unit 4, Left Leg, Bottom Face, Full Length: Cracked and delaminated with rust staining. 19LF CS3						
	Span 6, Unit 5, Left Leg, Bent 6 and Mid-Span: 1' cracking each location. 2LF CS2						
	Span 6, Unit 5, Right Leg, Bottom Face, ¼ Span: 2' cracking. 2LF CS2						
	Span 6, Unit 7, Left Leg, Bottom Face, Full Length: Cracking with rust staining. 19LF CS3						
	Span 6, Unit 7, Right Leg, Bottom Face: 3' cracking with rust staining at ¼ span and 1' cracking at ½ span with rust staining. 4LF CS3						
	Span 6, Unit 8, Left Leg, Bottom Face, at ¾ Span: Cracked and delaminated. 3LF CS3						
	Span 7, Unit 1, Right Leg, Bottom Face, Mid-Span: Cracking with light rust staining. 12LF CS3						
	Span 7, Unit 2, Right Leg, Mid-Span: Cracking. 1LF CS3						
	Span 7, Unit 3, Left Leg, Bottom Face, ¼ Span: Cracked and delaminated with rust staining. 2LF CS3						
	Span 7, Unit 3, Left Leg, Bottom Face, ¼ Span: Spalled with exposed reinforcing steel with moderate section loss. 1LF CS3						
	Span 7, Unit 4, Left Leg, Bottom Face, Beginning of Span: Cracking with rust staining. 6LF CS3						
	Span 7, Unit 4, Right Leg, Bottom Face, ½ Span: Cracking with rust staining and 1' spall with no exposed reinforcing steel. 3LF CS3						
	Span 7, Unit 5, Left Leg, Bottom Face, ½ Span: Cracking with rust staining. 10LF CS3						
	Span 7, Unit 5, Right Leg, Bottom Face, ½ Span: Cracking with rust staining. 10LF CS3						
	Span 7, Unit 6, Left Leg: Spalled with exposed reinforcing steel with moderate section loss. 16LF CS3						
	Span 7, Unit 6, Left Leg, Bottom and Side Faces: Cracked and delaminated with rust staining each end. 2LF CS3						
	Span 7, Unit 6, Right Leg, Bottom Face, ½ Span: Cracking with rust staining. 10LF CS3						
	Span 7, Unit 7, Right Leg, Bottom Face, Beginning of Span: Cracked and delaminated with rust staining: 4LF CS3						
	Span 7, Unit 8, Left Leg, Bottom Face: Cracked and delaminated with rust staining. 11LF CS3						
	Span 7, Unit 8, Left Leg, Bottom Face: Spalled with exposed reinforcing steel with moderate section loss, 4' each half of span. 8LF CS3						
	Span 8, Unit 2, Right Leg, Bottom Face, First ¾ Span: Cracked and delaminated with rust staining. 12LF CS3						
	Span 8, Unit 2, Left Leg, Bottom Face, Full Length: Cracked and delaminated with rust staining. 12LF CS3						
	Span 8, Unit 2, Left Leg, Bottom Face: 3' spall with exposed reinforcing steel with moderate section loss at ¼ span and 4' spall with exposed reinforcing steel with moderate section loss at 1/2 span. 7LF CS3						
	Span 8, Unit 4, Left Leg, Bottom and Side Faces: Cracked and delaminated with rust staining starting at ¼ span. 12LF CS3						
	Span 8, Unit 4, Left Leg, Bottom Face: Spalled with exposed reinforcing steel with moderate section loss at ½ span. 3LF CS3						
	Span 8, Unit 4, Right Leg, Full Length: Cracking with light rust staining. 19LF CS3						
	Span 8, Unit 6, Left Leg, Bottom Face, Last ½ of Span: Cracking with light rust staining. 9LF CS3						
	Span 8, Unit 6, Right Leg, Bottom Face, Last ½ of Span: Cracking with light rust staining. 10LF CS3						
	Span 8, Unit 7, Left Leg, Bottom Face, ¾ Span: Cracking with rust staining. 2LF CS3						
	Span 8, Unit 7, Right Leg, Bottom Face, ½ Span: Cracking. 2LF CS2						
	Span 8, Unit 8, Left Leg, Bottom Face, ½ Span: Cracking. 2LF CS2						
	Span 9, Unit 2, Left Leg, Bottom and Side Faces, Full Length: Cracking with light rust staining. 17LF CS2						
	Span 9, Unit 2, Left Leg, ¾ Span: Spall with exposed reinforcing steel with moderate section loss. 2LF CS3						
	Span 9, Unit 2, Right Leg, Bottom and Side Faces, Full Length: Cracking with rust staining. 11LF CS3						
	Span 9, Unit 2, Right Leg: Spall with exposed reinforcing steel with moderate section loss 1' at ½ span and 8' last half of span. 9LF CS3						
	Span 9, Unit 3, Left Leg, Bottom and Side Faces, ½ Span: Cracking with rust staining. 6LF CS3						
	Span 9, Unit 3, Right Leg, Bottom Face, Last ½ Span: Cracking with rust staining. 9LF CS3						
	Span 9, Unit 4, Left Leg, Bottom Face: Cracking with rust staining between mid-span and ¾ span. 4LF CS3						
	Span 9, Unit 4, Right Leg, Bottom Face: Cracking with rust staining starting at ¼ span. 12LF CS3						
	Span 9, Unit 5, Left Leg, Bottom Face: Cracking with rust staining ¾ span. 3LF CS3						
	Span 9, Unit 6, Left Leg, Bottom Face: Cracking with rust staining ¾ span. 3LF CS3						
	Span 9, Unit 7, Left Leg, Bottom Face: Cracking with rust staining mid-span. 12LF CS3						
	Span 9, Unit 7, Left Leg, Bottom Face, ¾ Span: Spalled with exposed reinforcing steel with moderate section loss. 2LF CS3						
	Span 9, Unit 7, Right Leg, Bottom and Side Faces, Full Length: Cracked and delaminated. 15LF CS3						
	Span 9, Unit 7, Right Leg, Bottom Face: 2' Spall with exposed reinforcing steel at bent 9 and at ¼ span. 4LF CS3						
	Span 9, Unit 8, Left Leg, Bottom Face, ¾ Span: Cracking with rust staining. 5LF CS3						
	Span 10, Unit 2, Left Leg, Bottom and Side Faces, Full Length: Cracked and delaminated. 17LF CS4						

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
Span 10, Unit 2, Left Leg, Bottom Face, ¼ Span: Spalled with exposed reinforcing steel with moderate section loss. 2LF CS3 Span 10, Unit 2, Right Leg, Bottom and Side Faces, Full Length: Cracked and delaminated with light rust staining. 14LF CS3 Span 10, Unit 2, Right Leg, Bottom Face: Spalled with exposed reinforcing steel with moderate section loss 1' at ¼ span and 4' at ¾ span. 5LF CS3 Span 10, Unit 4, Left Leg, Bottom Face: Cracking last ½ of span. 7LF CS3 Span 10, Unit 4, Left Leg, Bottom Face: Two 1' spalls with exposed reinforcing steel with moderate section loss last ½ of span. 2LF CS3 Span 10, Unit 4, Right Leg, Bottom and Side Faces, First ½ of Span: Cracking with light rust staining. 6LF CS3 Span 10, Unit 5, Left Leg, Bottom and Side Faces, Full Length: Cracking. 7LF CS4 Span 10, Unit 5, Left Leg, Bottom Face: Spalled with exposed reinforcing steel with moderate section loss, 4' at ¼ span and 8' at last ½ of span. 12LF CS3 Span 10, Unit 5, Right Leg, Bottom and Side Faces: Cracked and delaminated first ¾ span. 10LF CS3 Span 10, Unit 5, Right Leg, Bottom Face: Spalled with exposed reinforcing steel with moderate section loss, 2' at ½ span and 4' at ¾ span. 6LF CS3 Span 10, Unit 6, Left Leg, Side Face, Mid-Span: Cracking. 1LF CS2 Span 10, Unit 8, Left Leg, Bottom and Side Faces, Full Length: Cracking. 18LF CS3 Span 10, Unit 8, Left Leg, Bottom Face, at Bent 10: Spalled with exposed reinforcing steel. 1LF CS3							
216	Timber Abutment	LF	51	0	47	4	0
1160	Crack (Timber)	LF	47	0	47	0	0
6000	Scour	LF	4	0	0	4	0
(216) Timber Backwall, Abutment 2, Timber is weathered and cracked. 47LF CS2							
Abutment #1 has no visible timber back wall.							
Abutment #2 back wall behind piles #3,4 have large void behind back wall at least 4' deep from animal activity. 4LF CS3							
228	Timber Pile	EA	55	0	32	17	6
1140	Decay/Section Loss	EA	17	0	0	15	2
1150	Check/Shake	EA	2	0	1	1	0
1160	Crack (Timber)	EA	28	0	28	0	0
1170	Split/Delamination (Timber)	EA	2	0	0	1	1
4000	Settlement	EA	3	0	0	0	3
6000	Scour	EA	3	0	3	0	0
(228) Drift in channel has caused slope erosion at both abutments left side of bridge exposing bent #3 piles #1,2 up to 10' , and bent #9 piles #1,2 up to 10'. Piles have minor vertical cracks.							
Abutment #1 cap has been put back in place, pile #1 has been spliced and partially encased in concrete. Left side of cap between end of cap and pile #2 is undermined.							
Bent 1, Pile 1: Spliced and partially encased in concrete. Concrete encasement is of undetermined structural integrity. 1 Each CS3							
Bent 1, Pile 2: Spliced below groundline. Splice is of undetermined structural integrity. 1 Each CS3							
Bent 1, Pile 3: Spliced below groundline. Splice is of undetermined structural integrity. 1 Each CS3							
Bent 1, Pile 4: Spliced below groundline. Splice is of undetermined structural integrity. 1 Each CS3							
Bent 1, Pile 5: Spliced below groundline. Splice is of undetermined structural integrity. 1 Each CS3							
Bent 2, Pile 2, Near Top: Light shake. 1 Each CS2							
Bent 2, Pile 5, At Top, Back Face: Large Split, Sounds slightly hollow. 1 Each CS3							
Bent 3, Pile 2, At Bottom: Spliced and encased in concrete. Splice is of undetermined structural integrity. 1 Each CS3							

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
<p>Bent 4, Pile 2: Sounds moderately hollow. 1 Each CS3</p> <p>Bent 5, Pile 3: Outer shell decay with moderate section loss. 1 Each CS3</p> <p>Bent 5, Pile 4: Core decayed with large section loss and mushrooming. 1 Each CS4</p> <p>Bent 6, Pile 1, Lower Section: Spliced and encased in concrete. Splice is of undetermined structural integrity. 1 Each CS3</p> <p>Bent 6, Pile 4: Outer shell decay with moderate section loss. 1 Each CS3</p> <p>Bent 7, Pile 2: Sounds slightly hollow.</p> <p>Bent 7, Pile 4: Sounds very hollow with hole in left face. 1 Each CS4</p> <p>Bent 7, Pile 5, At Bottom: Spliced and encased in concrete. Splice is of undetermined structural integrity. 1 Each CS3</p> <p>Bent 9, Pile 3, At Bottom: Spliced and encased in concrete. Splice is of undetermined structural integrity. 1 Each CS3</p> <p>Bent 9, Pile 4: Moderate shake. 1 Each CS2</p> <p>Bent 9, Pile 5, At Bottom: Spliced and encased in concrete. Splice is of undetermined structural integrity. 1 Each CS3</p> <p>Bent 10, Pile 1, At Top: Moderate split. CS2</p> <p>Bent 10, Pile 5, At Bottom: Spliced and encased in concrete. Splice is of undetermined structural integrity. 1 Each CS3</p> <p>Bent 11, Pile 1, At Bottom: Spliced and encased in concrete. Splice is of undetermined structural integrity. 1 Each CS3</p>							
234	Reinforced Concrete Pier Cap	LF	329	219	0	110	0
1080	Delamination/Spall/Patched Area	LF	1	0	0	1	0
1090	Exposed Rebar	LF	109	0	0	109	0
(234) Caps are spalled on bottom chord with exposed rebar with moderate section loss. 109SF CS3							
<p>Abutment #1 cap has been put back in place and fastened to girders with metal brackets.</p> <p>Bent #2 cap has been repositioned and is held in place laterally with metal brackets attached to both sides of the cap.</p>							
Bent #11 left side has a 1' spall with no exposed rebar. 1SF CS3							
301	Pourable Joint Seal	LF	259	0	0	259	0
2350	Debris Impaction	LF	259	0	0	259	0
(301) Joint material is missing allowing non compressible material to enter. 259LF CS3							
330	Metal Bridge Railing	LF	380	373	7	0	0
1900	Distortion	LF	6	0	6	0	0
7000	Damage	LF	1	0	1	0	0
<p>(330) Bridge rails have a few small areas of minor bent spots.</p> <p>Span #5 left first post spalled with exposed rebar.</p> <p>Span #6 left side mid span has 2' area rail is bent.</p>							



Side view / elevation



Top view / inventory



Aerial view



Minor damage to bridge rails



Bridge rail left side



Bridge rail right side



Abutment #1 left side last approach rail post spalled with exposed rebar



Abutment #2 right approach rail



Abutment #2 left approach rail



Abutment #1 left approach rail



Abutment #1 right approach rail



Abutment #2 posting sign



Abutment #1 posting sign



Span #1 soffit / underside of deck



Span #9 soffit / underside of deck



Span 4 soffit / under surface of deck



Span 5 soffit / under surface of deck



Span 6 soffit / under surface of deck



Span 7 soffit / under surface of deck



Span #8 soffit / under surface of deck



Span #7 soffit / underside of deck



Span #6 soffit / underside of deck



Span #5 soffit / underside of deck



Span #4 soffit / underside of deck



Span #7 soffit / underside of deck



Span #8 soffit / underside of deck



Span #10 soffit / underside of deck



Span #4 soffit / underside of deck



Span #3 soffit / underside of deck



Span #2 soffit / underside of deck



Typical deck spalling



Typical deck



Span 9 unit 7



Span 9 unit 2



Span 10 unit 8



Span 10 unit 5



Span 10 unit 4



Span 10 unit 2



Span #3 girder #2 has two foot delaminated area in soffit near mid span.



Bent 6 back face



Bent 4 ahead face



Bent 5 back face



Bent #5 pile #4 is core decayed with large section loss and mushrooming.



Bent 5 ahead face



Bent #6 pile #4 has outer shell decay with moderate section loss.



Bent 6 back face



Bent #6 ahead face



Bent 7 ahead face



Bent 9 back face



Bent #8 ahead face



Bent #9 ahead face



Abutment #2



Bent #10 ahead face



Bent #5 back face



Typical exposed rebar on bottom of cap



Bent #4 back face



Bent #3 back face



Bent #2 back face



Abutment #1



Silt and debris in channel



Displaced riprap and filter fabric east slope



Channel left side



Channel right side



Dirt and debris in gutters



Abutment #2 log mile sign



Abutment #1 log mile sign



Bent #7 pile #4 sounds very hollow with hole in left face.

Maintenance Needs

Date Reported: 01/30/2018

Priority: A - Safety deficiency; requires prompt action

Status: Open

Type of Work: Replace (General)

Component: Element

Deficiency Description

Bent #5 pile #4 is core decayed with large section loss and mushrooming.

Bent #7 pile #4 sounds very hollow with hole in left face.

Remarks

Bent 3 pile 2 stubbed and collared with concrete. 6-27-18

01/24/2023 this should not be in repaired documented Bent #5 pile #4 is in bad condition.



03/25/2024

Bent #5 pile #4 is core decayed with large section loss and mushrooming.



03/25/2024

Bent 5 pile 4



03/25/2024

Bent #7 pile #4 sounds very hollow with hole in left face.



01/24/2023

Bent #5 pile #4 is core decayed with large section loss and mushrooming.

Maintenance Needs

Date Reported: 03/26/2024

Priority: B - Pressing

Type of Work: Superstructure Repair

Status: Open

Component: Superstructure

Deficiency Description

Span 5, Unit 4, Left Leg, First ½ of Span: Spalled with exposed, unbonded reinforcing steel with moderate section loss. 9LF CS4

Remarks



Span 5 soffit / under surface of deck.

Span 5, Unit 4, Left Leg, First ½ of Span: Spalled with exposed, unbonded reinforcing steel with moderate section loss. 9LF CS4

Maintenance Needs

Date Reported: 01/23/2013

Priority: C - Important

Type of Work: Repair (General)

Status: Assigned

Component: Approach

Deficiency Description

Approach roadway abutment #1,2 has settled one inch increasing impact loading on bridge.

Remarks

5/16/2023-Abutment #1 roadway settlement has been repaired.



Abutment #1 approach roadway



Abutment #2 approach roadway

Maintenance Needs

Date Reported: 01/23/2013

Priority: C - Important

Type of Work: Repair (General)

Status: Assigned

Component: Approach

Deficiency Description

Abutment #1, left side, last approach rail post is broken.
Approach rail abutment #2 left side has collision damage.

Remarks



Abutment #1 left side last approach rail post spalled with exposed rebar



Abutment #2 left approach rail

Maintenance Needs

Date Reported: 01/23/2013

Priority: C - Important

Type of Work: Repair (General)

Status: Monitor

Component: Element

Deficiency Description

Abutment #2 back wall behind piles #3,4 have large void behind back wall from animal activity.

Remarks



Abutment #2 back wall behind piles #3,4 have large void behind back wall from animal activity.

Maintenance Needs

Date Reported: 01/30/2019

Priority: C - Important

Type of Work: Repair (General)

Status: Monitor

Component: Deck

Deficiency Description

Deck spans #1,2,3,4,5,6,8 have areas of spalling no rebar exposed.
Deck grout joints are spalling out.

Remarks

Deck each span has several units with light to moderate scaling.
Deck grout joints are spalling out.
Deck spans #1,3,6 have areas of spalling no rebar exposed.



Typical deck

Maintenance Needs

Date Reported: 01/30/2018

Priority: C - Important

Type of Work: Replace (General)

Status: Monitor

Component: Element

Deficiency Description

Bent #5 pile #3 has outer shell decay with moderate section loss.

Bent #6 pile #4 has outer shell decay with moderate section loss.

Bent #7 pile #2 sounds slightly hollow.

Remarks



01/24/2023

Bent #7 pile #4 sounds moderately hollow with hole in ahead face.



Asset #M3331(Routine, Underwater type 2)

Sh-50/Sec-1/L13.54 over Blackfish Bayou

Location: 1.4 Mi W Jct Sh 149 & 50

Team Lead: Myron Futrell Inspection Date: 03/25/2024

Maintenance Needs

Date Reported: 01/30/2019

Priority: C - Important

Status: Monitor

Type of Work: Repair (General)

Component: Element

Deficiency Description

Span 1, Unit 2, Bent 2, Left Leg, Side Face: Cracking with rust staining. 6LF CS3
Span 1, Unit 2, Bent 2, Right Leg, First $\frac{3}{4}$ of Span, Bottom Face: Cracking with rust staining. 13LF CS3
Span 1, Unit 3, From Abutment 1, Left Leg, Bottom and Side Faces: Cracking with rust staining. 15LF CS3
Span 1, Unit 3, Right Leg, Full Length: Cracking and delamination with rust staining. 15LF CS3
Span 1, Unit 3, Right Leg, $\frac{3}{4}$ Span: Exposed reinforcing steel with moderate section loss. 4LF CS3
Span 1, Unit 4, Left Leg, Mid-Span: Cracking with rust staining for 5' and cracking without rust staining 1'. 5LF CS3, 1LF CS2
Span 1, Unit 4, Right Leg, Abutment 1, Side Face: Cracking. 2LF CS2
Span 1, Unit 5, Left Leg, 3' from Abutment 1 and from $\frac{1}{2}$ to $\frac{3}{4}$ Span: 1' cracking without rust staining and 3' cracking with rust staining. 1LF CS2, 3LF CS3
Span 1, Unit 5, Right Leg, Bottom Face, Full length: Cracking with rust staining. 19LF CS3
Span 1, Unit 6, Both Legs, Side and Bottom Faces, Full Length: Cracked and delaminated with rust staining. 19LF CS3
Span 1, Unit 7, Left Leg, Full Length, Bottom and Side Faces: Cracked and delaminated with rust staining. 19LF CS4
Span 1, Unit 7, Right Leg, Side Face, $\frac{1}{2}$ to $\frac{3}{4}$ Span: Cracked and delaminated with rust staining. 2LF CS2, 4LF CS4

Span 2, Unit 1, Right Leg, Bottom Face, Mid-Span: Cracking. 2LF CS2
Span 2, Unit 2 Left Leg, Side and Bottom Faces: 2' cracking in side face with rust staining at bent 2 and 2' cracking in bottom face with rust staining at mid-span. 4LF CS3
Span 2, Unit 2, Right Leg, $\frac{3}{4}$ Span: 1' delaminated area. 1LF CS3
Span 2, Unit 2, Right Leg, Bottom Face: Cracking 5' starting at bent 2 and 1' at $\frac{3}{4}$ span. 1LF CS2, 5LF CS3
Span 2, Unit 3, Left Leg, Bottom Face, Mid-Span: Cracking. 6LF CS4
Span 2, Unit 3, Right Leg, Side and Bottom Faces, Full Length: Cracking. 15LF CS4
Span 2, Unit 3, Right Leg, $\frac{3}{4}$ Span: 4' spall with exposed reinforcing steel with moderate section loss. 4LF CS3
Span 2, Unit 4, Left Leg, Side and Bottom Faces, Full Length: Cracked and delaminated. 19LF CS4
Span 2, Unit 4, Right Leg, Bottom Face, First Half of Span: Cracked and delaminated some with rust staining. 5LF CS2, 5LF CS4
Span 2, Unit 5, Right Leg, Bottom Face, Bent 2: Cracking with light rust staining. 5LF CS3
Span 2, Unit 6, Left Leg, Bottom Face: Cracking 4LF CS2 at $\frac{1}{4}$ Span and 6LF CS3 with rust staining starting at mid-span. 4LF CS2, 6LF CS3
Span 2, Unit 6, Right Leg, Bottom and Side Faces, Full Length: Cracked and delaminated full length with rust staining. 19LF CS4
Span 2, Unit 7, Left Leg, Bottom and Side Faces, Full Length: Cracking with rust staining. 19LF CS4
Span 2, Unit 7, Right Leg, Bottom Face, Mid-Span: Cracking with rust staining. 3LF CS3
Span 2, Unit 8, Left Leg, Side and Bottom Faces, Full Length: Cracking with rust staining. 14LF CS3
Span 2, Unit 8, Left Leg, Side and Bottom Faces, Full Length: Spall with exposed reinforcing steel with moderate section loss. 5LF CS3

Span 3, Unit 2, Left Leg, Bottom Face, Bent 4: Cracking. 2LF CS2
Span 3, Unit 2, Right Leg, Bottom Face, Mid-Span: Cracking with rust staining. 3LF CS3
Span 3, Unit 3, Left Leg, Bottom Face, Full Length: Cracking with rust staining. 18LF CS3
Span 3, Unit 3, Left Leg, Bottom Face, Mid-Span: Exposed reinforcing steel with moderate section loss. 1LF CS3
Span 3, Unit 3, Right Leg, Bottom and Side Faces, Full Length: Cracking with rust staining. 15LF CS3
Span 3, Unit 3, Right Leg, $\frac{1}{4}$ Span: Spall with exposed reinforcing steel with moderate section loss. 4LF CS3
Span 3, Unit 4, Left Leg, Bottom Face, Mid-Span: Cracking. 3LF CS2
Span 3, Unit 4, Right Leg, Bottom Face, $\frac{1}{4}$ Span: Cracking. 3LF CS2
Span 3, Unit 5, Left Leg, Bottom Face, $\frac{1}{4}$ and $\frac{3}{4}$ Span: 3' Cracking each location. 6LF CS2
Span 3, Unit 5, Right Leg, Side Face, Mid-Span: Cracking with light rust staining. 1LF CS3



Asset #M3331(Routine, Underwater type 2)

Sh-50/Sec-1/L13.54 over Blackfish Bayou

Location: 1.4 Mi W Jct Sh 149 & 50

Team Lead: Myron Futrell Inspection Date: 03/25/2024

Span 3, Unit 5, Right Leg, $\frac{1}{4}$ Span: Spall with exposed reinforcing steel with moderate section loss. 2LF CS3
Span 3, Unit 6, Both Legs, Full Length, Bottom and Side Faces: Cracking with rust staining. 19LF CS3
Span 3, Unit 6, Left Leg, $\frac{1}{4}$ Span: Spall with exposed reinforcing steel with moderate section loss. 5LF CS3
Span 3, Unit 7, Left Leg: Cracked and delaminated. 14LF CS4
Span 3, Unit 7, Left Leg, $\frac{3}{4}$ Span: Spall with exposed reinforcing steel with moderate section loss. 5LF CS3
Span 3, Unit 7, Right Leg, Bottom and Side Faces, First $\frac{3}{4}$ Span: Cracking. 14LF CS4

Span 4, Unit 1, Right Leg, Bottom Face, Starting at Bent 4: Cracking with rust staining. 9LF CS3
Span 4, Unit 2, Both Legs, Bottom Face, First $\frac{1}{2}$ of Span: Cracked and delaminated. 9LF CS3
Span 4, Unit 3, Both Legs, Bottom and Side Faces, Full Length: Cracked and delaminated. 19LF CS3
Span 4, Unit 4, Left Leg, Last $\frac{1}{2}$ of Span: Spalled with exposed reinforcing steel with moderate section loss. 6LF CS3
Span 4, Unit 4, Both Legs, Bottom and Side Faces, Full Length: Cracked and delaminated. 13LF CS3
Span 4, Unit 5, Left Leg, Bottom Face, $\frac{1}{4}$ and $\frac{3}{4}$ Span: Cracking. 1LF CS2, 2LF CS3
Span 4, Unit 6, Left Leg, Mid-Span and Bent 5: 2' cracking each location. 4LF CS3
Span 4, Unit 5, Right Leg, Bottom Face: Cracking throughout entire length. 13LF CS3
Span 4, Unit 6, Right Leg, Bottom and Side Faces, Starting at $\frac{1}{4}$ Span: Cracked and delaminated. 15LF CS3
Span 4, Unit 7, Left Leg, Bottom Face, Starting at bent 4: Cracked and delaminated. 12LF CS3

Span 5, Unit 3, Left Leg, Bottom and Side Faces, Full Length: Cracked and delaminated. 18LF CS4
Span 5, Unit 3, Left Leg, Mid-Span: Spall with exposed reinforcing steel with moderate section loss. 1LF CS3
Span 5, Unit 4, Left Leg, Bottom and Side Faces, Second $\frac{1}{2}$ of Span: Cracking. 9LF CS3
Span 5, Unit 4, Right Leg, First $\frac{1}{2}$ of Span: Spalled with exposed reinforcing steel with moderate section loss. 9LF CS3
Span 5, Unit 4, Right Leg, Bottom and Side Faces, Second $\frac{1}{2}$ of Span: Cracking. 9LF CS3
Span 5, Unit 5, $\frac{1}{4}$ and $\frac{3}{4}$ span: Missing connection bolts.
Span 5, Unit 5, Left Leg, Bottom and Side Faces: Cracking from beginning of span 12LF CS4
Span 5, Unit 5, Left Leg, Mid-Span: Spall with exposed reinforcing steel with moderate section loss. 5LF CS3
Span 5, Unit 5, Right Leg, Bottom and Side Faces, Full Length: Cracked and delaminated with rust staining. 19LF CS4
Span 5, Unit 7, Left Leg, $\frac{3}{4}$ Span: Cracking with rust staining. 2LF CS3
Span 5, Unit 7, Right Leg, $\frac{1}{2}$ and $\frac{3}{4}$ Span: Cracking with rust staining each location. 2LF CS3

Span 6, Unit 1, Right Leg, Bottom Face, Full Length: Cracked and delaminated. 14LF CS4
Span 6, Unit 1, Right Leg, $\frac{1}{4}$ and $\frac{1}{2}$ Span: 2' spall with exposed reinforcing steel with moderate section loss at $\frac{1}{4}$ span and 3' spall with exposed reinforcing steel with moderate section loss at $\frac{1}{2}$ span. 5LF CS3
Span 6, Unit 2, Left Leg, Bottom Face, Mid-Span: Cracking with rust staining. 3LF CS3
Span 6, Unit 2, Right Leg, Bottom Face, Full Length: Cracked and delaminated with rust staining. 19LF CS3
Span 6, Unit 3, Left Leg, Bottom and Side Faces, Full Length: Cracked and delaminated with rust staining. 19LF CS3
Span 6, Unit 3, Right Leg, Bottom Face, Full Length: Cracked and delaminated with rust staining. 18LF CS3
Span 6, Unit 3, Right Leg: Spall with exposed reinforcing steel with moderate section loss. 1LF CS3
Span 6, Unit 4, Left Leg, Bottom Face, Mid-Span: Cracked and delaminated. 8LF CS3
Span 6, Unit 4, Left Leg, Bottom Face, Full Length: Cracked and delaminated with rust staining. 19LF CS3
Span 6, Unit 5, Left Leg, Bent 6 and Mid-Span: 1' cracking each location. 2LF CS2
Span 6, Unit 5, Right Leg, Bottom Face, $\frac{1}{4}$ Span: 2' cracking. 2LF CS2
Span 6, Unit 7, Left Leg, Bottom Face, Full Length: Cracking with rust staining. 19LF CS3
Span 6, Unit 7, Right Leg, Bottom Face: 3' cracking with rust staining at $\frac{1}{4}$ span and 1' cracking at $\frac{1}{2}$ span with rust staining. 4LF CS3
Span 6, Unit 8, Left Leg, Bottom Face, at $\frac{3}{4}$ Span: Cracked and delaminated. 3LF CS3

Span 7, Unit 1, Right Leg, Bottom Face, Mid-Span: Cracking with light rust staining. 12LF CS3
Span 7, Unit 2, Right Leg, Mid-Span: Cracking. 1LF CS3
Span 7, Unit 3, Left Leg, Bottom Face, $\frac{1}{4}$ Span: Cracked and delaminated with rust staining. 2LF CS3
Span 7, Unit 3, Left Leg, Bottom Face, $\frac{1}{4}$ Span: Spalled with exposed reinforcing steel with moderate section loss. 1LF CS3
Span 7, Unit 4, Left Leg, Bottom Face, Beginning of Span: Cracking with rust staining. 6LF CS3
Span 7, Unit 4, Right Leg, Bottom Face, $\frac{1}{2}$ Span: Cracking with rust staining and 1' spall with no exposed reinforcing steel. 3LF CS3
Span 7, Unit 5, Left Leg, Bottom Face, $\frac{1}{2}$ Span: Cracking with rust staining. 10LF CS3
Span 7, Unit 5, Right Leg, Bottom Face, $\frac{1}{2}$ Span: Cracking with rust staining. 10LF CS3
Span 7, Unit 6, Left Leg: Spalled with exposed reinforcing steel with moderate section loss. 16LF CS3



Asset #M3331(Routine, Underwater type 2)

Sh-50/Sec-1/L13.54 over Blackfish Bayou

Location: 1.4 Mi W Jct Sh 149 & 50

Team Lead: Myron Futrell Inspection Date: 03/25/2024

Span 7, Unit 6, Left Leg, Bottom and Side Faces: Cracked and delaminated with rust staining each end. 2LF CS3
Span 7, Unit 6, Right Leg, Bottom Face, ½ Span: Cracking with rust staining. 10LF CS3
Span 7, Unit 7, Right Leg, Bottom Face, Beginning of Span: Cracked and delaminated with rust staining: 4LF CS3
Span 7, Unit 8, Left Leg, Bottom Face: Cracked and delaminated with rust staining. 11LF CS3
Span 7, Unit 8, Left Leg, Bottom Face: Spalled with exposed reinforcing steel with moderate section loss, 4' each half of span. 8LF CS3

Span 8, Unit 2, Right Leg, Bottom Face, First ¼ Span: Cracked and delaminated with rust staining. 12LF CS3
Span 8, Unit 2, Left Leg, Bottom Face, Full Length: Cracked and delaminated with rust staining. 12LF CS3
Span 8, Unit 2, Left Leg, Bottom Face: 3' spall with exposed reinforcing steel with moderate section loss at ¼ span and 4' spall with exposed reinforcing steel with moderate section loss at 1/2 span. 7LF CS3
Span 8, Unit 4, Left Leg, Bottom and Side Faces: Cracked and delaminated with rust staining starting at ¼ span. 12LF CS3
Span 8, Unit 4, Left Leg, Bottom Face: Spalled with exposed reinforcing steel with moderate section loss at ½ span. 3LF CS3
Span 8, Unit 4, Right Leg, Full Length: Cracking with light rust staining. 19LF CS3
Span 8, Unit 6, Left Leg, Bottom Face, Last ½ of Span: Cracking with light rust staining. 9LF CS3
Span 8, Unit 6, Right Leg, Bottom Face, Last ½ of Span: Cracking with light rust staining. 10LF CS3
Span 8, Unit 7, Left Leg, Bottom Face, ¾ Span: Cracking with rust staining. 2LF CS3
Span 8, Unit 7, Right Leg, Bottom Face, ½ Span: Cracking. 2LF CS2
Span 8, Unit 8, Left Leg, Bottom Face, ½ Span: Cracking. 2LF CS2

Span 9, Unit 2, Left Leg, Bottom and Side Faces, Full Length: Cracking with light rust staining. 17LF CS2
Span 9, Unit 2, Left Leg, ¾ Span: Spall with exposed reinforcing steel with moderate section loss. 2LF CS3
Span 9, Unit 2, Right Leg, Bottom and Side Faces, Full Length: Cracking with rust staining. 11LF CS3
Span 9, Unit 2, Right Leg: Spall with exposed reinforcing steel with moderate section loss 1' at ½ span and 8' last half of span. 9LF CS3
Span 9, Unit 3, Left Leg, Bottom and Side Faces, ½ Span: Cracking with rust staining. 6LF CS3
Span 9, Unit 3, Right Leg, Bottom Face, Last ½ Span: Cracking with rust staining. 9LF CS3
Span 9, Unit 4, Left Leg, Bottom Face: Cracking with rust staining between mid-span and ¾ span. 4LF CS3
Span 9, Unit 4, Right Leg, Bottom Face: Cracking with rust staining starting at ¼ span. 12LF CS3
Span 9, Unit 5, Left Leg, Bottom Face: Cracking with rust staining ¾ span. 3LF CS3
Span 9, Unit 6, Left Leg, Bottom Face: Cracking with rust staining ¾ span. 3LF CS3
Span 9, Unit 7, Left Leg, Bottom Face: Cracking with rust staining mid-span. 12LF CS3
Span 9, Unit 7, Left Leg, Bottom Face, ¾ Span: Spalled with exposed reinforcing steel with moderate section loss. 2LF CS3
Span 9, Unit 7, Right Leg, Bottom and Side Faces, Full Length: Cracked and delaminated. 15LF CS3
Span 9, Unit 7, Right Leg, Bottom Face: 2' Spall with exposed reinforcing steel at bent 9 and at ¼ span. 4LF CS3
Span 9, Unit 8, Left Leg, Bottom Face, ¾ Span: Cracking with rust staining. 5LF CS3

Span 10, Unit 2, Left Leg, Bottom and Side Faces, Full Length: Cracked and delaminated. 17LF CS4
Span 10, Unit 2, Left Leg, Bottom Face, ¼ Span: Spalled with exposed reinforcing steel with moderate section loss. 2LF CS3
Span 10, Unit 2, Right Leg, Bottom and Side Faces, Full Length: Cracked and delaminated with light rust staining. 14LF CS3
Span 10, Unit 2, Right Leg, Bottom Face: Spalled with exposed reinforcing steel with moderate section loss 1' at ¼ span and 4' at ¾ span. 5LF CS3
Span 10, Unit 4, Left Leg, Bottom Face: Cracking last ½ of span. 7LF CS3
Span 10, Unit 4, Left Leg, Bottom Face: Two 1' spalls with exposed reinforcing steel with moderate section loss last ½ of span. 2LF CS3
Span 10, Unit 4, Right Leg, Bottom and Side Faces, First ½ of Span: Cracking with light rust staining. 6LF CS3
Span 10, Unit 5, Left Leg, Bottom and Side Faces, Full Length: Cracking. 7LF CS4
Span 10, Unit 5, Left Leg, Bottom Face: Spalled with exposed reinforcing steel with moderate section loss, 4' at ¼ span and 8' at last ½ of span. 12LF CS3
Span 10, Unit 5, Right Leg, Bottom and Side Faces: Cracked and delaminated first ¾ span. 10LF CS3
Span 10, Unit 5, Right Leg, Bottom Face: Spalled with exposed reinforcing steel with moderate section loss, 2' at ½ span and 4' at ¾ span. 6LF CS3
Span 10, Unit 6, Left Leg, Side Face, Mid-Span: Cracking. 1LF CS2

Span 10, Unit 8, Left Leg, Bottom and Side Faces, Full Length: Cracking. 18LF CS3

Span 10, Unit 8, Left Leg, Bottom Face, at Bent 10: Spalled with exposed reinforcing steel. 1LF CS3

Remarks



Span #2 soffit / underside of deck



Span #3 soffit / underside of deck



Span #10 soffit / underside of deck



Span #8 soffit / under surface of deck



Span 7 soffit / under surface of deck



Span 6 soffit / under surface of deck



Span 5 soffit / under surface of deck



Span 4 soffit / under surface of deck



Span #9 soffit / underside of deck



Span #1 soffit / underside of deck

Maintenance Needs

Date Reported: 01/10/2020

Priority: C - Important

Type of Work: Repair (General)

Status: Repair Documented

Component: Approach

Deficiency Description

Abutment 2 left side, roadway runoff has eroded shoulder exposing end of bridge and causing 2' deep void under approach shoulder.

Remarks

4/11/2024-Void at abutment 2 left approach shoulder has been repaired at time of inspection.



Void at abutment 2 left approach shoulder has been repaired at time of inspection.



Abutment #2 approach shoulder



Abutment 2 left side, runoff has eroded shoulder at bridge end exposing bridge end and causing a 2' deep void under left shoulder.

Maintenance Needs

Date Reported: 01/29/2019

Priority: C - Important

Type of Work: Miscellaneous

Status: Repair Documented

Component: Approach

Deficiency Description

Abutment #1 right approach shoulder is eroded with two holes at bridge end.

Remarks

4/11/2024-Erosion at abutment #1 right approach shoulder has been repaired at time of inspection.



Erosion at abutment #1 right approach shoulder has been repaired at time of inspection.



Abutment #1 right approach shoulder is eroded with two holes at bridge end.

Maintenance Needs

Date Reported: 03/25/2024

Priority: C - Important

Type of Work: Channel Work/Drift Removal

Status: Open

Component: Channel

Deficiency Description

Large accumulation of debris and silt build up in channel under bridge and downstream of bridge.

Remarks



Silt and debris in channel

Maintenance Needs

Date Reported: 01/20/2015

Priority: D- Routine

Type of Work: Replace (General)

Status: Monitor

Component: Element

Deficiency Description

Span #5 left first post spalled with exposed rebar.

Remarks



Span #5 left first post spalled with exposed rebar.



Asset #M3331(Routine, Underwater type 2)

Sh-50/Sec-1/L13.54 over Blackfish Bayou

Location: 1.4 Mi W Jct Sh 149 & 50

Team Lead: Myron Futrell Inspection Date: 03/25/2024

Routine Maintenance

Check Box Maintenance Items

Type of Maintenance	Is recommended?
A-54 - Sealable Deck Cracks	
A-55 - Deck Washing Needed	Yes
A-56 - Joint Cleaning/Flushing Needed	
A-57 - Beam End and Bearing Paint Needed	
A-58 - Cap Cleaning/Flushing Needed	
A-59 - Joint Repair Needed	Yes
A-60 - Full Beam Painting Needed	
A-61 - Polymer Overlay Advised	
A-62 - Hydro and LMC Advised	
A-63 - Missing/Incorrect Log Mile Signage	Yes
A-64 - Vegetation Removal Requested	

A-54 - Sealable Deck Cracks

A-55 - Deck Washing Needed (Yes)

Gutters have dirt and debris in them.



Dirt and debris in gutters

A-56 - Joint Cleaning/Flushing Needed

A-57 - Girder End and Bearing Painting Needed

A-58 - Cap Cleaning/Flushing Needed

A-59 - Joint Repair Needed (Yes)

Joint material is missing allowing non compressible material to enter.

A-60 - Full Girder Painting Needed

A-61 - Polymer Overlay Advised

A-62 - Hydro and LMC Advised

A-63 - Missing/Incorrect Log Mile Signage (Yes)

Log mile signs say 13.58 they should read 13.54



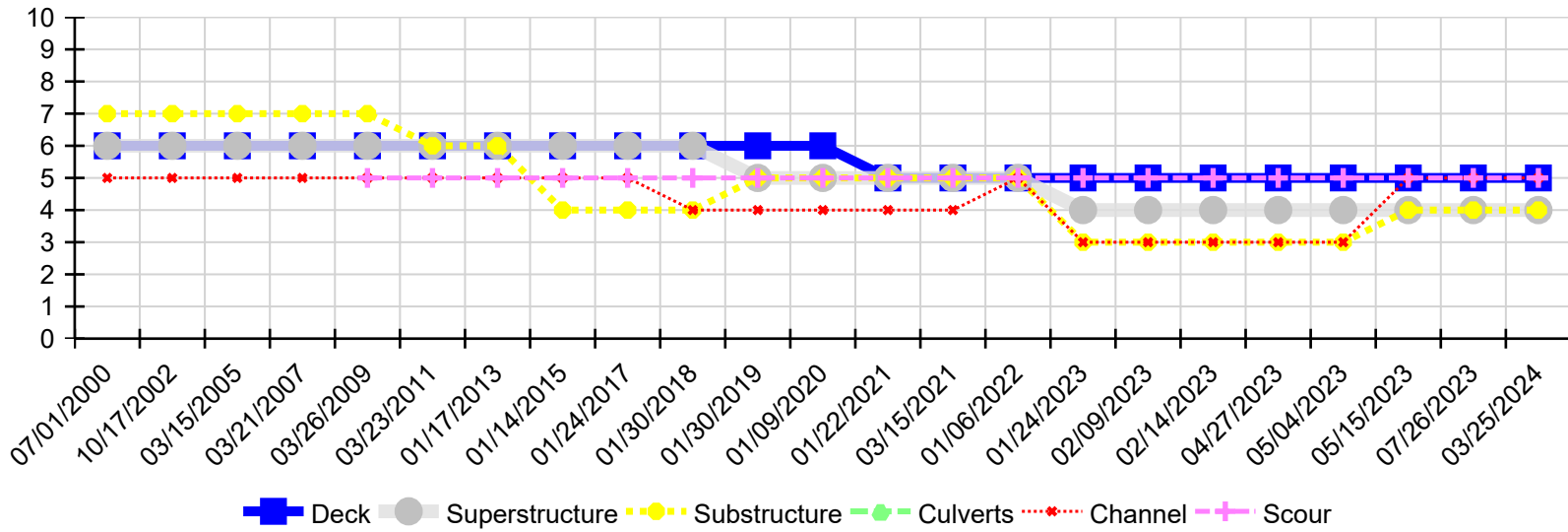
Abutment #2 log mile sign



Abutment #1 log mile sign

A-64 - Vegetation Removal Requested

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
03/25/2024	5	4	4	N	5	5
07/26/2023	5	4	4	N	5	5
05/15/2023	5	4	4	N	5	5
05/04/2023	5	4	3	N	3	5
04/27/2023	5	4	3	N	3	5
02/14/2023	5	4	3	N	3	5
02/09/2023	5	4	3	N	3	5
01/24/2023	5	4	3	N	3	5
01/06/2022	5	5	5	N	5	5
03/15/2021	5	5	5	N	4	5
01/22/2021	5	5	5	N	4	5
01/09/2020	6	5	5	N	4	5
01/30/2019	6	5	5	N	4	5
01/30/2018	6	6	4	N	4	5
01/24/2017	6	6	4	N	5	5
01/14/2015	6	6	4	N	5	5
01/17/2013	6	6	6	N	5	5
03/23/2011	6	6	6	N	5	5
03/26/2009	6	6	7	N	5	5
03/21/2007	6	6	7	N	5	N
03/15/2005	6	6	7	N	5	N
10/17/2002	6	6	7	N	5	N
07/01/2000	6	6	7	N	5	N