



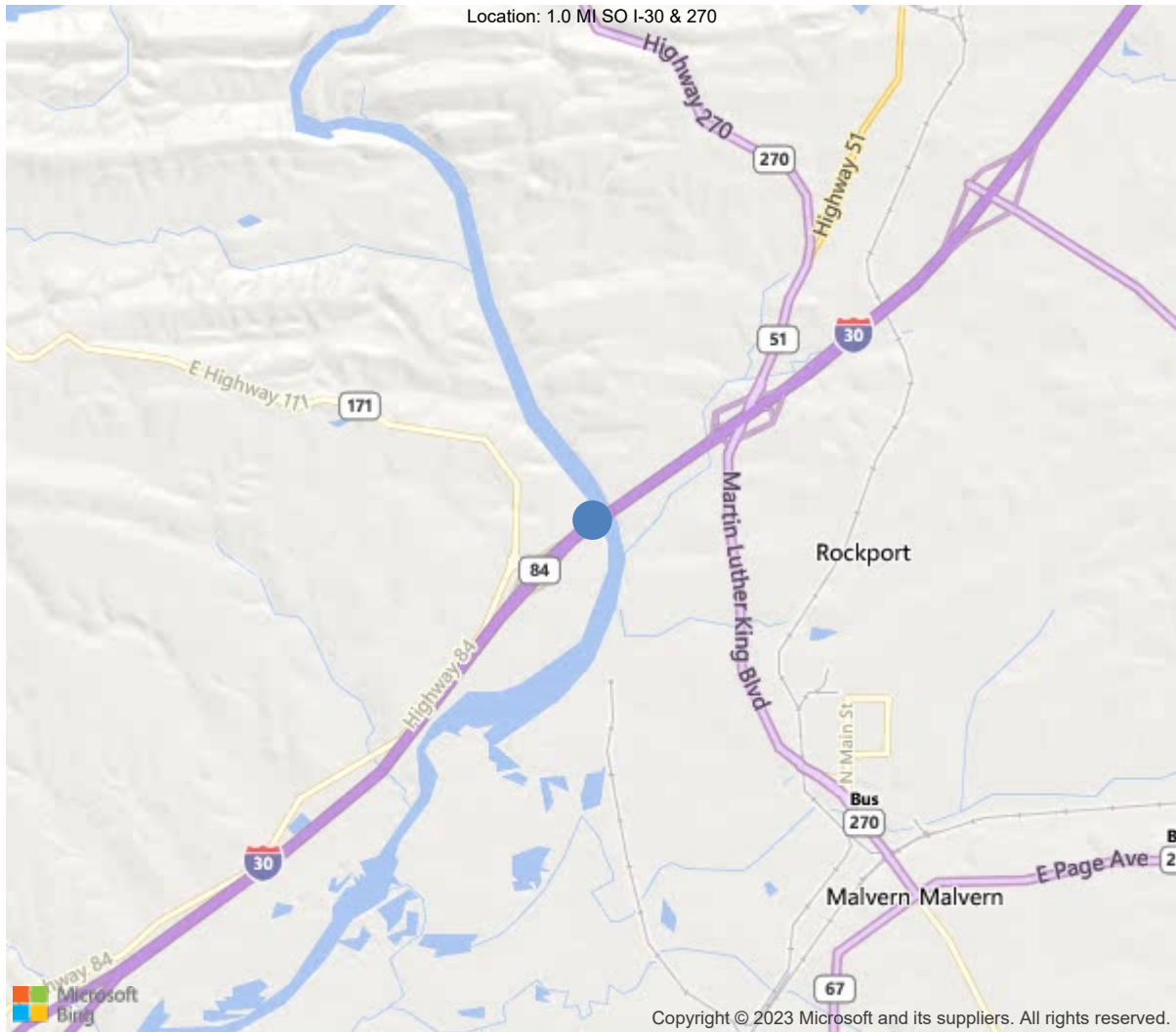
Latitude:34.38947, Longitude:-92.84078

Route:30 Section:21 Log:97.06

Arnold Road ID:30x30x21xB, Arnold Log mile:45.899

District 06, 59 - Hot Spring County

Owner: 1 - State Highway Agency



34.38947, -92.84078



Asset #A3424(Routine)

I-30 WB Log 97.06 over Ouachita Rvr& Riverview

Location: 1.0 MI SO I-30 & 270

Team Lead: Shane Byrd, Inspection Date: 06/20/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	A3424
(5) Inventory Route	1
(2) Highway Agency District	06 - District 06
(3) County Code	59 - Hot Spring County
(4) Place Code	43610
(6) Features Intersected	Ouachita Rvr& Riverview
(7) Facility Carried	I-30 WB Log 97.06
(9) Location	1.0 MI SO I-30 & 270
(11) Mile Point	97.06 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000030210
(16) Latitude	34.38947
(17) Longitude	-92.84078
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	32
Material	3 - Steel
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	9
(46) No. of Approach Spans	0
(107) Deck Structure Type	1 - Concrete Cast-in-Place
(108) Wearing Surface/Protective System	
Type of Wearing Surface	1 - Monolithic Concrete (concurrently pl
Type of Membrane	0 - None
Type of Deck Protection	0 - None
AGE AND SERVICE	
(27) Year Built	1963
(106) Year Reconstructed	1988
(42) Type of Service	16
On	1 - Highway
Under	6 - Highway-waterway
(28) Lane	
On	2
Under	2
(29) Average Daily Traffic	15000
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	1 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	110 ft
(49) Structure Length	712 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	40 ft
(52) Deck Width Out to Out	42.8 ft
(32) Approach Roadway Width (W/Shoulders)	40 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	41.3 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	15.17 ft
Ref:	
(55) Min Lat Underclear RT	6 ft
Ref:	
(56) Min Lat Underclear LT	5.5 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	1
(26) Functional Class	11 - Urban Principal Arterial
(100) Defense Highway	1 - The inventory route is on
(101) Parallel Structure	L - The left structure of para
(102) Direction of Traffic	1 - way traffic
(103) Temporary Structure	
(105) Federal Lands Highways	0 - N/A
(110) Designated National Network	1 - The inventory route is par
(20) Toll	3 - On free road. The structu
(21) Maintain	1 - State Highway Agency
(22) Owner	1 - State Highway Agency
(37) Historical Significance	5 - Bridge is not eligible for
CONDITION	
(58) Deck	7
(59) Superstructure	4
(60) Substructure	5
(61) Channel & Channel Protection	6
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	6 - MS 18+Mod / HS 20+Mod
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1 - Load Factor(LF)
Rating	60
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	36
(70) Bridge Posting	5 - Equal to or above legal loads
(41) Structure Open/Posted/Closed	A - Open, no restriction
APPRAISAL	
(67) Structural Evaluation	4
(68) Deck Geometry	7
(69) Clearances, Vertical/Horizontal	4
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	1 - Inspected feature meets current
(36B) Transitions	1 - Inspected feature meets current
(36C) Approach Guardrail	1 - Inspected feature meets current
(36D) Approach Guardrail Ends	1 - Inspected feature meets current
(113) Scour Critical Bridges	4 - Bridge foundations determined t
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	0
(114) Future ADT	21993
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	06/20/2022		
(91) Frequency	24		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	Yes	60	09/14/2021
C: Other Special Inspection			
* 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 #A3424(Routine)

District: 06, County: 59 - Hot Spring County

Team Lead: Shane Byrd, Inspection Date: 06/20/2022

General Observation

Platform snoopers would be better for this structure. Job 6721 and 60381 dwg 28165 Approach going west with traffic. Logged eastbound. Bents are numbered according to plans (Bent 1,2, Piers 1-6, bent 3,4)

A-46 - Asset Files

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Asset #A3424(Routine)

I-30 WB Log 97.06 over Ouachita Rvr& Riverview

Location: 1.0 MI SO I-30 & 270

Team Lead: Shane Byrd, Inspection Date: 06/20/2022

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	30384	13346	17023	15	0
1080	Delamination/Spall/Patched Area	SF	1	0	1	0	0
1120	Efflorescence/Rust Staining	SF	274	0	274	0	0
1130	Cracking (RC and Other)	SF	3263	0	3248	15	0
1190	Abrasion/Wear (PSC/RC)	SF	13500	0	13500	0	0
(12) Deck has transverse/longitude cracks, soffits have cracking with efflorescence. Joint at pier 3 has a small spall adjacent to sliding joint. Longitudinal cracks run length of bridge in both lanes. Minor abrasion across entire deck.							
(1190-12) Minor abrasion across entire deck.							
107	Steel Open Girder/Beam	LF	4420	3920	429	71	0
1000	Corrosion	LF	487	0	428	59	0
1010	Cracking	LF	11	0	0	11	0
1020	Connection	LF	2	0	1	1	0
515	Steel Protective Coating	SF	26917	14415	2882	9320	300
3420	Peeling/Bubbling/Cracking	LF	2200	0	0	2200	0
3440	Effectiveness (Steel Protective Coatings)	LF	10302	0	2882	7120	300
(107) Span 5 Girder 3 diaphragm 3,Span 6 Girder 3 diaphragm 3, Span 7 girder 3 diaphragm 3, Span 7 Girder 3 diaphragm 4. Cracks in the web that have propagated from diaphragm welds. See Photos. Cracks are present in the welded connections of the diaphragm connections and some of the cracks propagate into the webs of stiffeners and girders, (see maintenance needs for locations). Missing or loose bolts at diaphragm conditions. (see maintenance needs for locations). Beams ends have section loss to lower and upper webs. Top flanges on exterior girders have corrosion in scattered locations. Paint system has scattered locations of peeling paint and freckled rust on bottom flanges and scattered locations of freckled rust in the webs. Pier 2 girder 2 span 4, section loss to lower web and hole in stiffener at diaphragm connection. Span 7 at pier 5 girder 3 bottom flange deep pitting.							
(515-107) Paint system has scattered locations of peeling paint and freckled rust on bottom flanges and scattered locations of freckled rust in the webs.							
205	Reinforced Concrete Column	EA	8	0	0	8	0
1090	Exposed Rebar	EA	8	0	0	8	0



Asset #A3424(Routine)

I-30 WB Log 97.06 over Ouachita Rvr& Riverview

Location: 1.0 MI SO I-30 & 270

Team Lead: Shane Byrd, Inspection Date: 06/20/2022

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
(205) Pier 3 column has a spall. Pier 4 column has reinforcing steel exposed. Pier 5 column has a crack. Columns at piers 2-5 have abrasion.. (1090-205) See UW Inspection Report							
210	Reinforced Concrete Pier Wall	LF	243	51	115	77	0
1080	Delamination/Spall/Patched Area	LF	24	0	2	22	0
1090	Exposed Rebar	LF	31	0	13	18	0
1120	Efflorescence/Rust Staining	LF	1	0	1	0	0
1130	Cracking (RC and Other)	LF	3	0	3	0	0
1190	Abrasion/Wear (PSC/RC)	LF	133	0	96	37	0
(210) Pier walls have spalls and abrasion at water line, cracks and cracks with efflorescence and spalls exposed reinforcing steel. Pier 1, small spalls with exposed rebar on the back side. Pier 2, has small spalls with exposed rebar on the back side. Pier 3, has small has a delamination (1'x1') on the back side, and the right column has a small spall with exposed rebar on the back side and spall on the ahead side. Pier 4, multiple spalls with exposed rebar to the web wall. Piers 1-4 have some moderate to severe abrasion on the bottom. Piers 4 & 5 have squared hole beneath the water line. May have been for utilities in the past.							
215	Reinforced Concrete Abutment	LF	81	65	16	0	0
1120	Efflorescence/Rust Staining	LF	16	0	16	0	0
(215) Cracks with efflorescence in the in the back walls of abutments.							
220	Reinforced Concrete Pile Cap/Footing	LF	112	0	84	28	0
6000	Scour	LF	112	0	84	28	0
(220) Footings are exposed at piers 3 and 4, water level was low at time of inspection in 2018. Footings not visible in 2020. (6000-220) See UW Inspection Report							
225	Steel Pile	EA	14	5	4	5	0
1000	Corrosion	EA	9	0	4	5	0
234	Reinforced Concrete Pier Cap	LF	324	314	0	10	0
1090	Exposed Rebar	LF	10	0	0	10	0
(234) Bent 3, face and underside of cap has 11' of spalls with exposed reinforcing steel.							
302	Compression Joint Seal	LF	387	0	185	0	202
2310	Leakage	LF	387	0	185	0	202

Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	30384	13346	17023	15	0
1080	Delamination/Spall/Patched Area	SF	1	0	1	0	0
1120	Efflorescence/Rust Staining	SF	274	0	274	0	0
1130	Cracking (RC and Other)	SF	3263	0	3248	15	0
1190	Abrasion/Wear (PSC/RC)	SF	13500	0	13500	0	0
(12) Deck has transverse/longitude cracks, soffits have cracking with efflorescence. Joint at pier 3 has a small spall adjacent to sliding joint. Longitudinal cracks run length of bridge in both lanes. Minor abrasion across entire deck.							
(1190-12) Minor abrasion across entire deck.							

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
107	Steel Open Girder/Beam	LF	4420	3920	429	71	0
1000	Corrosion	LF	487	0	428	59	0
1010	Cracking	LF	11	0	0	11	0
1020	Connection	LF	2	0	1	1	0
515	Steel Protective Coating	SF	26917	14415	2882	9320	300
3420	Peeling/Bubbling/Cracking	LF	2200	0	0	2200	0
3440	Effectiveness (Steel Protective Coatings)	LF	10302	0	2882	7120	300

(107) Span 5 Girder 3 diaphragm 3,Span 6 Girder 3 diaphragm 3, Span 7 girder 3 diaphragm 3, Span 7 Girder 3 diaphragm 4.
Cracks in the web that have propagated from diaphragm welds. See Photos.

Cracks are present in the welded connections of the diaphragm connections and some of the cracks propagate into the webs of stiffeners and girders, (see maintenance needs for locations). Missing or loose bolts at diaphragm conditions. (see maintenance needs for locations).

Beams ends have section loss to lower and upper webs. Top flanges on exterior girders have corrosion in scattered locations. Paint system has scattered locations of peeling paint and freckled rust on bottom flanges and scattered locations of freckled rust in the webs. Pier 2 girder 2 span 4, section loss to lower web and hole in stiffener at diaphragm connection. Span 7 at pier 5 girder 3 bottom flange deep pitting.

(515-107) Paint system has scattered locations of peeling paint and freckled rust on bottom flanges and scattered locations of freckled rust in the webs.

Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
205	Reinforced Concrete Column	EA	8	0	0	8	0
1090	Exposed Rebar	EA	8	0	0	8	0
(205) Pier 3 column has a spall. Pier 4 column has reinforcing steel exposed. Pier 5 column has a crack. Columns at piers 2-5 have abrasion.. (1090-205) See UW Inspection Report							
210	Reinforced Concrete Pier Wall	LF	243	51	115	77	0
1080	Delamination/Spall/Patched Area	LF	24	0	2	22	0
1090	Exposed Rebar	LF	31	0	13	18	0
1120	Efflorescence/Rust Staining	LF	1	0	1	0	0
1130	Cracking (RC and Other)	LF	3	0	3	0	0
1190	Abrasion/Wear (PSC/RC)	LF	133	0	96	37	0
(210) Pier walls have spalls and abrasion at water line, cracks and cracks with efflorescence and spalls exposed reinforcing steel. Pier 1, small spalls with exposed rebar on the back side. Pier 2, has small spalls with exposed rebar on the back side. Pier 3, has small has a delamination (1'x1') on the back side, and the right column has a small spall with exposed rebar on the back side and spall on the ahead side. Pier 4, multiple spalls with exposed rebar to the web wall. Piers 1-4 have some moderate to severe abrasion on the bottom. Piers 4 & 5 have squared hole beneath the water line. May have been for utilities in the past.							
215	Reinforced Concrete Abutment	LF	81	65	16	0	0
1120	Efflorescence/Rust Staining	LF	16	0	16	0	0
(215) Cracks with efflorescence in the in the back walls of abutments.							
220	Reinforced Concrete Pile Cap/Footing	LF	112	0	84	28	0
6000	Scour	LF	112	0	84	28	0
(220) Footings are exposed at piers 3 and 4, water level was low at time of inspection in 2018. Footings not visible in 2020.							
(6000-220) See UW Inspection Report							
225	Steel Pile	EA	14	5	4	5	0
1000	Corrosion	EA	9	0	4	5	0
234	Reinforced Concrete Pier Cap	LF	324	314	0	10	0
1090	Exposed Rebar	LF	10	0	0	10	0
(234) Bent 3, face and underside of cap has 11' of spalls with exposed reinforcing steel.							



Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
----------	-------------	-------	-------	-----	-----	-----	-----



Elevation.



Elevation.



Approach westbound.



Deck overview.



Cracks with efflorescence on left side overhang.



Pier wall 6 right column back spall with exposed rebar.



Bent 1 cracks with efflorescence in back wall.



Bent 3 steel pile 3 deep pitting to flange at cap.



Bent 3 spalls with exposed rebar in bottom of pier cap.



Span 7 at pier 5 girder 3 bottom flange deep pitting.



Deck span 3 transverse cracks.



Deck span 5 transverse and longitudinal cracks.



Deck span 7 transverse and longitudinal cracks.



Span 7 girder 3 diaphragm 6 left side crack has propagated all the way thru the diaphragm vertical diaphragm bracket at web.



Span 7 girder 3 diaphragm 5 left side vertical diaphragm bracket at web crack has propagated 1" 1/8"



Span 7 girder 3 diaphragm 4 right side back of diaphragm cracks in the web.



Span 7 girder 3 diaphragm 4 right side ahead of diaphragm cracks in the web.



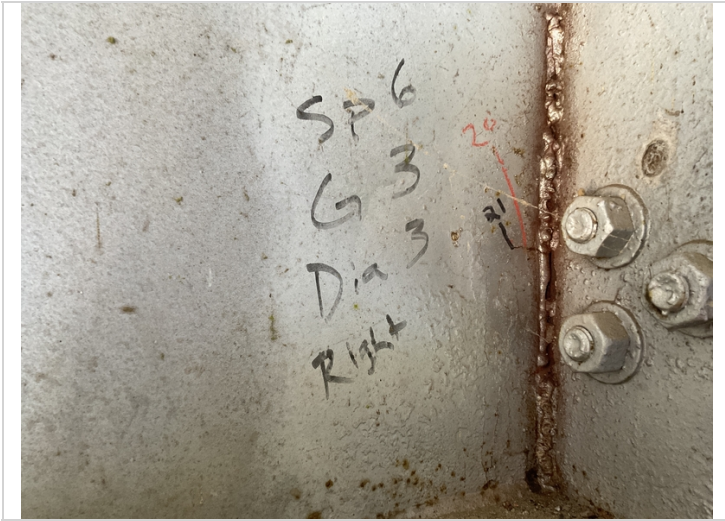
Span 7 girder 3 diaphragm 4 left side back of diaphragm cracks in the web.



Span 7 girder 3 diaphragm 3 left side crack has propagated all the way thru the diaphragm vertical diaphragm bracket at web.



Span 6 girder 4 diaphragm 5 back broke weld.



Span 6 girder 3 diaphragm 3 right side back crack in the web.



Span 6 girder 3 diaphragm 3 right side ahead cracks in the web.



Span 6 girder 3 diaphragm 3 left side ahead crack in the web. Common back side of diaphragm this location.



Span 5 girder 3 diaphragm 5 broke welds. Common ahead and back both sides of girder.



Span 5 girder 3 diaphragm 3 right side ahead. Crack in the web. Common both sides of girder ahead and back.



Span 4 girder 3 diaphragm 3 crack in the vertical diaphragm brace.



Span 2 beam 3 missing diaphragm bolt.



Pier 2 girder 2 span 4, section loss to lower web and hole in stiffener at diaphragm connection.



Span 3 girder 2 peeling paint. Common all spans.



Pier wall 4 back spalls with exposed rebar.



Pier wall 5 severe abrasion.



Joint seal missing b ent 4.



Pier 3 movable bearing under girder 1 corrosion.



Pier 4 bearing are rotated back.

Maintenance Needs

Date Reported: 06/26/2014

Priority: C - Important

Type of Work: Repair (General)

Status: Monitor

Component: Element

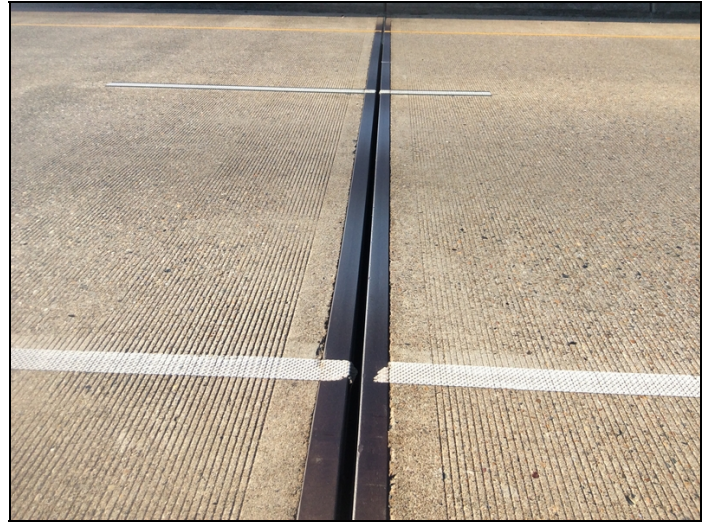
Deficiency Description

Joint seal have fallen out at pier 1,2,4 & 5

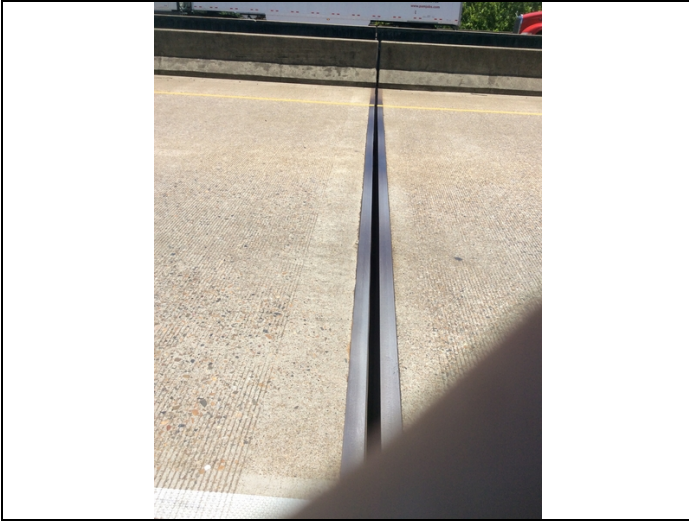
Remarks



Pier 4, joint seal has fallen out.



Pier 1, joint seal has fallen through.



Pier 4, missing joint seal.

Maintenance Needs

Date Reported: 07/14/2015

Priority: C - Important

Type of Work: Repair (General)

Status: Monitor

Component: Substructure

Deficiency Description

Bent 2 & 3 cap spalls with exposed rebar.
Added 6/26/2018 Cap at bent 2 has been repaired.

Remarks



Bent 3 between piles 4 and 5 spalls with exposed reinforcing steel.



Bent 3, spalls with exposed rebar on the cap.

Maintenance Needs

Date Reported: 06/26/2018

Priority: C - Important

Type of Work: Repair (General)

Status: Monitor

Component: Deck

Deficiency Description

Deck has sealable transverse/longitude cracks in all spans.

Remarks



Span 3, longitudinal cracks up to .025".



Span 8, longitudinal & transverse cracks up to .020".



Span 9 longitudinal cracks.



Span 7, large transverse cracks.

Maintenance Needs

Date Reported: 07/14/2015

Priority: C - Important

Type of Work: Repair (General)

Status: Monitor

Component: Element

Deficiency Description

Missing or loose diaphragm bolts at span 2 beam 3 at the 1st diaphragm, Span 5 girders 2 and 3 at the 4th diaphragm and span 6 girder 3 at the 4th diaphragm.

Remarks



Span 6 girder 3 4th diaphragm has missing bolts



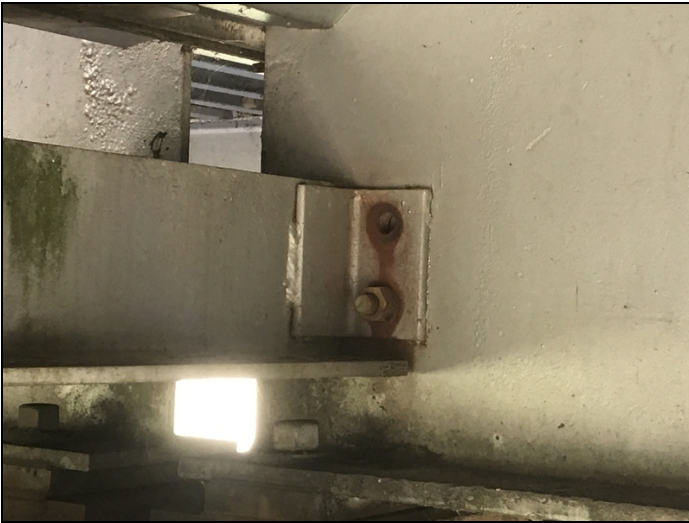
Bent 2 girder 3 ahead side loose bolts in diaphragm connection.



Span 5 g2 dia 4 loose bolts



Span 5 girder 2 right, diaphragm 4, bolts are loose at top.



Span 2 girder 3, missing bolt.



Span 5, loose bolts in top of diaphragm

Maintenance Needs

Date Reported: 08/08/2017

Priority: B - Pressing

Type of Work: Repair (General)

Status: Monitor

Component: Element

Deficiency Description

Cracks are present in the welded connections of the diaphragm connections and some of the diaphragms in span 4 girder 3 at the 4th diaphragm, span 5 girder 3 at the 3rd and 5th diaphragms, span 6 girder 4 at the 5th diaphragm and spans 7 girder 3 at the 3rd, 4th and 5th diaphragms.

Added 6/26/2018 - Span 3 girder 3 diaphragm 3 crack in weld, Span 4 girder 3 diaphragm 3 crack in web of stiffener, Span 6 girder 3 diaphragm 3 crack in web of girder. Both sides and Span 7 girder 3 diaphragm 6, crack in web of stiffener.
Added 6/11/19 span 7 girder 3 diaphragm 3 crack in stiffener has grown 6"

Remarks



Span 6 girder 3 diaphragm 3 crack in web.



span 7 g3 d5 crack in diaphragm clip/ stiffener has 1 3/4" of growth



Span 6 girder 4 diaphragm 5 crack in weld.



Span 5 g3 d5 has No change



Span 7 g 3 dia 6



Span 7 girder 3 diaphragm 6, crack in stiffener.



Span 5 g3 d3 has a 1 1/2" Crack in web



sp7 g3 dia3 repair welds have broken and crack has migrated through diaphragm clip/stiffener



Span 4 g3 dia 3 crack in diaphragm clip/stiffener has
3/4" growth



Span 7 girder 3 diaphragm 4 crack in weld.



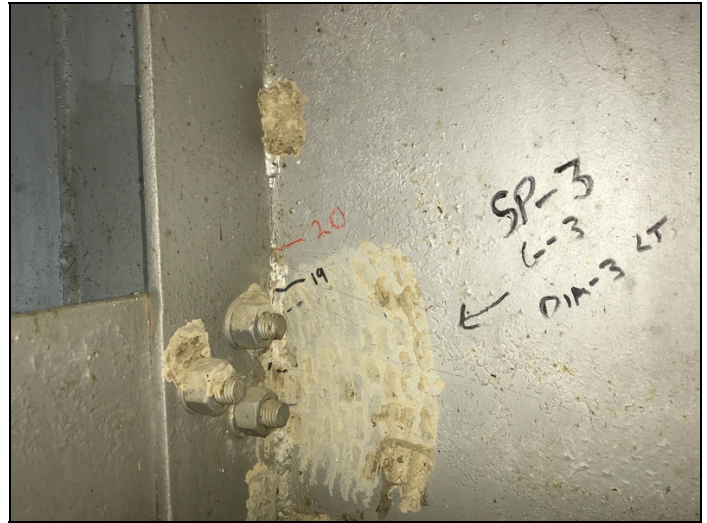
span 6 g3 d3 has No change



sp7 g3 dia3 repair welds have broken and crack has migrated through diaphragm clip/stiffner



Span 5 g3 d3 has a 1 1/2" Crack in web



Span 3, girder 3, diaphragm 3, crack in weld has grown.



Span 4, girder 3, diaphragm 4, crack in weld has grown.



Span 5, girder 3, diaphragm 3, crack in weld has grown.



Span 5, girder 3, diaphragm 5, cracks in welds.



Span 6 girder 3 diaphragm 3, cracks in weld.



Span 7, girder 3 diaphragm 3, crack in diaphragm stiffener has grown.



Span 7, girder 3, diaphragm 5, crack in stiffener has grown.



Span 7, girder 3, diaphragm 6, crack in stiffener has grown.



Span 7 girder 3 left side at diaphragm 6 cracked welds and crack in the vertical diaphragm stiffener. Crack has propagated a half inch since last inspection



Span 7 girder 3 left side at diaphragm 3 cracked welds and crack in the vertical diaphragm stiffener. Crack has propagated a one and quarter inch since last inspection. Crack has propagated all the way thru vertical diaphragm stiffener.



Span 6 girder 3 right side at diaphragm 3 ahead crack in the web.

Two cracks in the web

Maintenance Needs

Date Reported: 07/01/2021

Priority: C - Important

Type of Work: (Inactive) (Inactive) 1 - Clean

Status: Forward State

Component: Substructure

Deficiency Description

Pier 3 trees lodged against bent. Common at pier 2,4 & 5

Remarks



Pier 3 tree lodge against bent.



Pier 3 logs against bent.

Maintenance Needs

Date Reported: 07/01/2021

Priority: C - Important

Type of Work: Repair (General)

Status: Forward State

Component: Substructure

Deficiency Description

Piers 2 thru 5 have areas of severe abrasion.

Remarks



Pier wall 5 has severe abrasion with exposed rebar.



Pier 2 ahead abrasion with exposed rebar to pier wall.



Asset #A3424(Routine)

I-30 WB Log 97.06 over Ouachita Rvr& Riverview

Location: 1.0 MI SO I-30 & 270

Team Lead: Shane Byrd, Inspection Date: 06/20/2022

Maintenance Needs

Date Reported: 11/10/2021

Priority: C - Important

Type of Work: Repair (General)

Status: Forward State

Component: Substructure

Deficiency Description

Scour countermeasures should be designed and installed around Pier 5 footing to mitigate the weathered shale bottom from further erosion. Repair/patch and clean/coat exposed steel within areas of voiding in the pier columns and web walls.

Remarks

See UW Inspection Report

Maintenance Needs

Date Reported: 06/20/2022

Priority: D- Routine

Type of Work: Repair (General)

Status: Open

Component: Element

Deficiency Description

Bent 3 steel pile have active corrosion with moderate pitting below cap

Remarks



Bent 3 steel pile 3 deep pitting to flange at cap.

Maintenance Needs

Date Reported: 06/22/2022

Priority: A - Safety deficiency; requires prompt action

Status: Open

Type of Work: Repair (General)

Component: Element

Deficiency Description

Span 5 Girder 3 diaphragm 3, Span 6 Girder 3 diaphragm 3, Span 7 girder 3 diaphragm 3, Span 7 Girder 3 diaphragm 4. Cracks in the web that have propagated from diaphragm welds. See Photos.

Remarks



Span 7 girder 3 diaphragm 4 right side back of diaphragm cracks in the web.



Span 6 girder 3 diaphragm 3 right side ahead cracks in the web.



Span 5 girder 3 diaphragm 3 right side ahead. Crack in the web. Common both sides of girder ahead and back.



Asset #A3424(Routine)

I-30 WB Log 97.06 over Ouachita Rvr& Riverview

Location: 1.0 MI SO I-30 & 270

Team Lead: Shane Byrd, Inspection Date: 06/20/2022

Routine Maintenance

Check Box Maintenance Items

Type of Maintenance	Is recommended?
A-54 - Sealable Deck Cracks	
A-55 - Deck Washing Needed	
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	
A-60 - Full Beam Painting Needed	
A-61 - Polymer Overlay Advised	
A-62 - Hydro and LMC Advised	



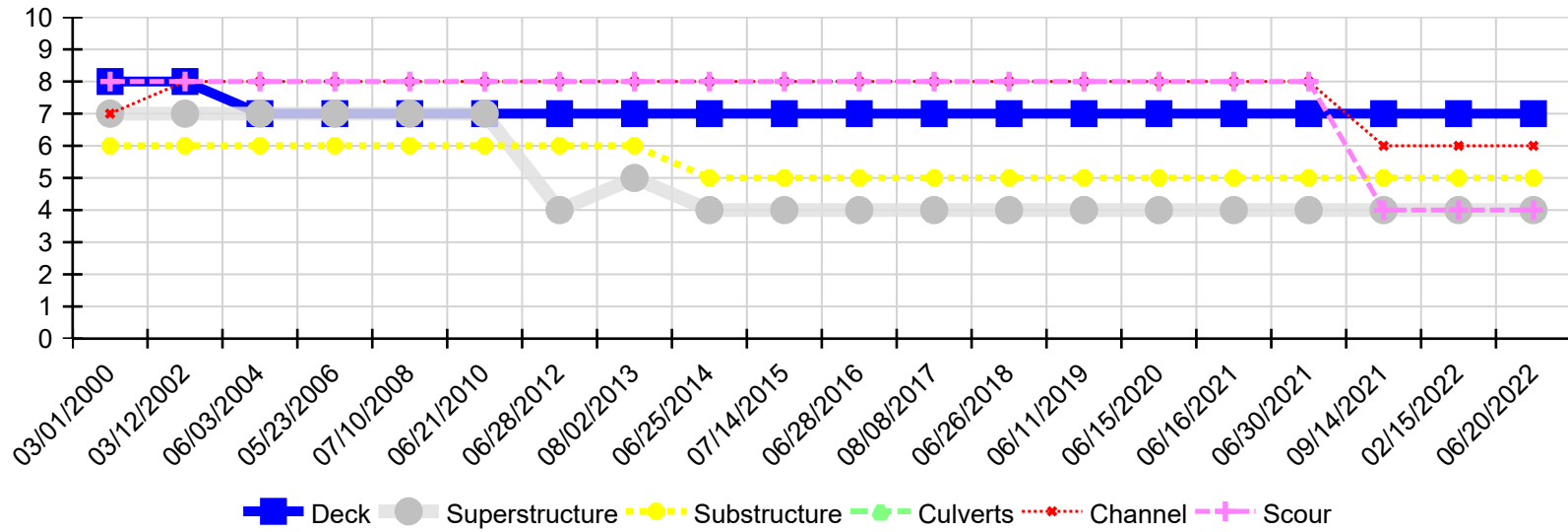
Asset #A3424(Routine)

I-30 WB Log 97.06 over Ouachita Rvr& Riverview

Location: 1.0 MI SO I-30 & 270

Team Lead: Shane Byrd, Inspection Date: 06/20/2022

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
06/20/2022	7	4	5	N	6	4
02/15/2022	7	4	5	N	6	4
09/14/2021	7	4	5	N	6	4
06/30/2021	7	4	5	N	8	8
06/16/2021	7	4	5	N	8	8
06/15/2020	7	4	5	N	8	8
06/11/2019	7	4	5	N	8	8
06/26/2018	7	4	5	N	8	8
08/08/2017	7	4	5	N	8	8
06/28/2016	7	4	5	N	8	8
07/14/2015	7	4	5	N	8	8
06/25/2014	7	4	5	N	8	8
08/02/2013	7	5	6	N	8	8
06/28/2012	7	4	6	N	8	8
06/21/2010	7	7	6	N	8	8
07/10/2008	7	7	6	N	8	8
05/23/2006	7	7	6	N	8	8
06/03/2004	7	7	6	N	8	8
03/12/2002	8	7	6	N	8	8
03/01/2000	8	7	6	N	7	8