



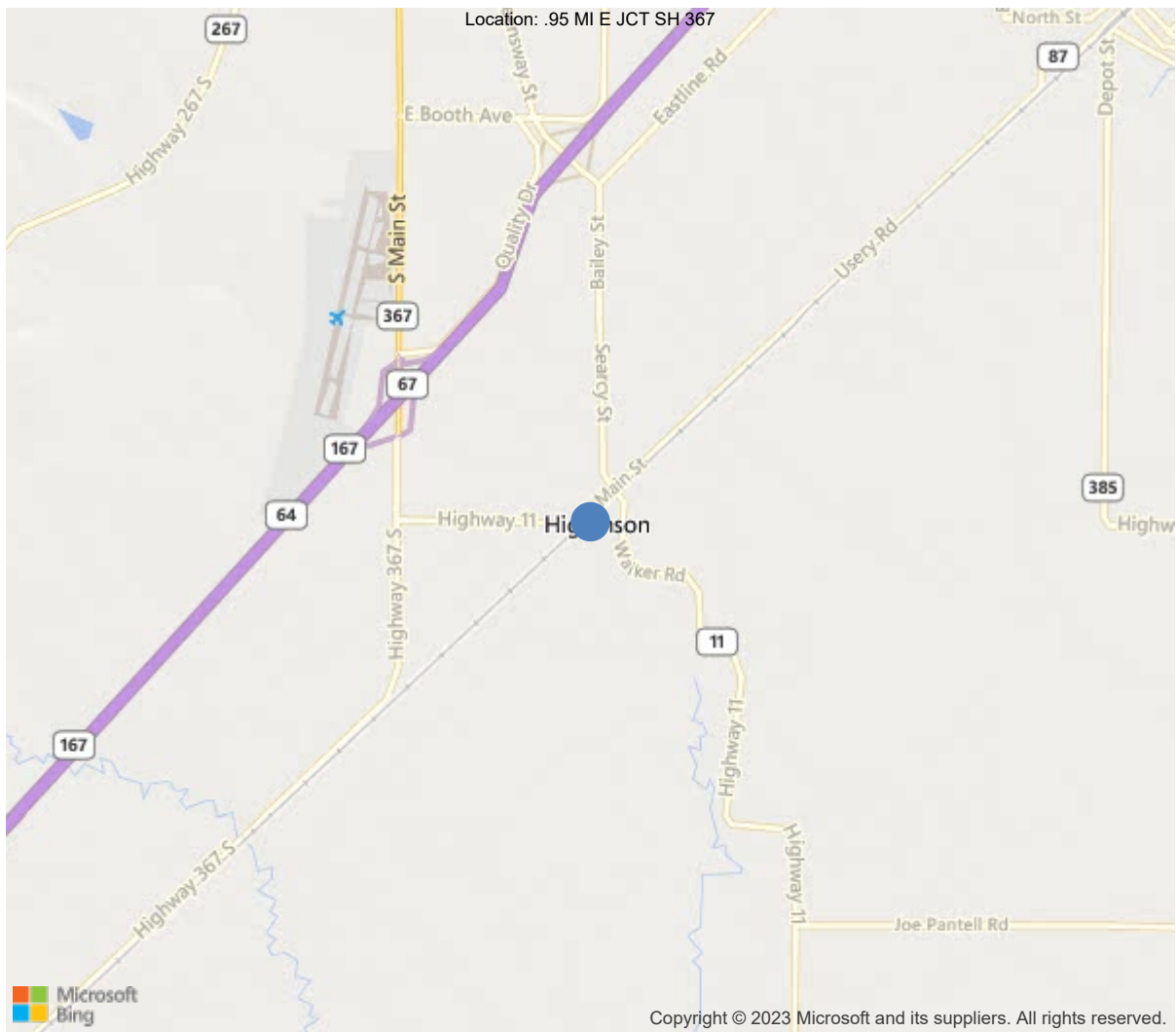
Latitude:35.19478, Longitude:-91.71542

Route:11 Section:11 Log:14.277

Arnold Road ID:73x11x11xA, Arnold Log mile:14.21

District 05, 145 - White County

Owner: 1 - State Highway Agency



35.19478, -91.71542



Asset #05002(Routine, Underwater type 2)
SH 11 White County over GUM SPRINGS CREEK

Location: .95 MI E JCT SH 367

Team Lead: Nathan Edwards, Inspection Date: 05/10/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	05002
(5) Inventory Route	1
(2) Highway Agency District	05 - District 05
(3) County Code	145 - White County
(4) Place Code	0
(6) Features Intersected	GUM SPRINGS CREEK
(7) Facility Carried	SH 11 White County
(9) Location	.95 MI E JCT SH 367
(11) Mile Point	14.277 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000011110
(16) Latitude	35.19478
(17) Longitude	-91.71542
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	11
Material	1 - Concrete
Type	1 - Slab
(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	1 - Monolithic Concrete (concurrently pl
Type of Membrane	0 - None
Type of Deck Protection	0 - None
AGE AND SERVICE	
(27) Year Built	1966
(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	750
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	11 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	30 ft
(49) Structure Length	90 ft
(50) Curb or Sidewalk Width	
Left	1.8 ft
Right	1.8 ft
(51) Bridge Roadway Width Curb to Curb	24 ft
(52) Deck Width Out to Out	29.9 ft
(32) Approach Roadway Width (W/Shoulders)	24 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	24 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	0 ft
Ref:	
(55) Min Lat Underclear RT	99.9 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	16 - Urban Minor Arterial
(100) Defense Highway	0 - The inventory route is not
(101) Parallel Structure	N - No parallel structure exis
(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 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	7
(60) Substructure	7
(61) Channel & Channel Protection	7
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	2 - M 13.5 / H 15
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1 - Load Factor(LF)
Rating	43
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	26
(70) Bridge Posting	5 - Equal to or above legal loads
(41) Structure Open/Posted/Closed	A - Open, no restriction
APPRAISAL	
(67) Structural Evaluation	6
(68) Deck Geometry	4
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	7
(72) Approach Roadway Alignment	7
(36A) Bridge Railings	1 - Inspected feature meets current
(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 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	
(114) Future ADT	840
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	05/10/2022		
(91) Frequency	24		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
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 #05002(Routine, Underwater type 2)

District: 05, County: 145 - White County

Team Lead: Nathan Edwards, Inspection Date: 05/10/2022

General Observation

Elevation with Log Mile running to the Left.
Contruction Job 5537.

A-46 - Asset Files

-

A-51 - Inspection Direction (3 - E to W)

Roadway with Log Mile running East to West.



Asset #05002(Routine, Underwater type 2)

SH 11 White County over GUM SPRINGS CREEK

Location: .95 MI E JCT SH 367

Team Lead: Nathan Edwards, Inspection Date: 05/10/2022

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
38	RC Slab	SF	2355	2176	102	77	0
1080	Delamination/Spall/Patched Area	SF	4	0	2	2	0
1090	Exposed Rebar	SF	1	0	0	1	0
1120	Efflorescence/Rust Staining	SF	29	0	0	29	0
1130	Cracking (RC and Other)	SF	145	0	100	45	0
(38) Longitudinal crack near centerline at Spans 1, 2, & 3. Spalls to outside edge of Deck on Left & Right side of Span 1 at Bent 1. Spall with rebar exposed to soffit @ Left drain opening @ Span 1. Minor area of delamination around drain openings at Span 2 & 3.							
215	Reinforced Concrete Abutment	LF	67	67	0	0	0
227	Reinforced Concrete Pile	EA	8	0	4	4	0
1190	Abrasion/Wear (PSC/RC)	EA	8	0	4	4	0
(227) Abrasion to piles.							
234	Reinforced Concrete Pier Cap	LF	53	52	1	0	0
1130	Cracking (RC and Other)	LF	1	0	1	0	0
(234) Minor crack at bottom of Cap at Bent 2 between Piles 2 & 3.							
301	Pourable Joint Seal	LF	60	0	0	51	9
2320	Seal Adhesion	LF	60	0	0	51	9
(301) Pourable joint seal has lost adhesion & is missing @ Bent 1 Left curb area.(typical to Right.) Pourable joint seal is losing adhesion @ Bents 1 & 2.							
330	Metal Bridge Railing	LF	360	360	0	0	0
515	Steel Protective Coating	SF	720	720	0	0	0



Asset #05002(Routine, Underwater type 2)
SH 11 White County over GUM SPRINGS CREEK

Location: .95 MI E JCT SH 367

Team Lead: Nathan Edwards, **Inspection Date:** 05/10/2022

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Asset #05002(Routine, Underwater type 2)
SH 11 White County over GUM SPRINGS CREEK

Location: .95 MI E JCT SH 367

Team Lead: Nathan Edwards, **Inspection Date:** 05/10/2022

Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Elevation with Log Mile running to the Left.



Roadway with Log Mile running East to West.

Maintenance Needs

Date Reported: 05/14/2012

Priority: C - Important

Type of Work: Repair (General)

Status: Monitor

Component: Bridge

Deficiency Description

Erosion to embankment on Right side of Abutment 2.

Remarks



Erosion to embankment on Right side of Abutment 2.



Erosion to embankment on Right side of Abutment 2.

Maintenance Needs

Date Reported: 05/14/2012

Priority: D- Routine

Type of Work: (Inactive) (Inactive) 9 - None

Status: Monitor

Component:

Deficiency Description

Sediment buildup on Right side of Span 2 restricting flow and realigning channel.

Remarks



Sediment buildup on Right side of Span 2 restricting flow and realigning channel.



Sediment buildup on Right side of Span 2 restricting flow and realigning channel.

Maintenance Needs

Date Reported: 05/14/2012

Priority: D- Routine

Type of Work: (Inactive) (Inactive) 9 - None

Status: Monitor

Component:

Deficiency Description

Visible settlement to Roadway at Abutment 2.

Remarks



Visible settlement to Roadway at Abutment 2.



Visible settlement to Roadway at Abutment 2.

Maintenance Needs

Date Reported: 05/19/2014

Priority: D- Routine

Type of Work: (Inactive) (Inactive) 9 - None

Status: Assigned

Component:

Deficiency Description

Heavy vegetation on Right side of Abutment 2.

Remarks



Heavy vegetation on Right side of Abutment 2.



Heavy vegetation on Right side of Abutment 2.



Maintenance Needs

Date Reported: 05/19/2014

Priority: D- Routine

Type of Work: (Inactive) (Inactive) 9 - None

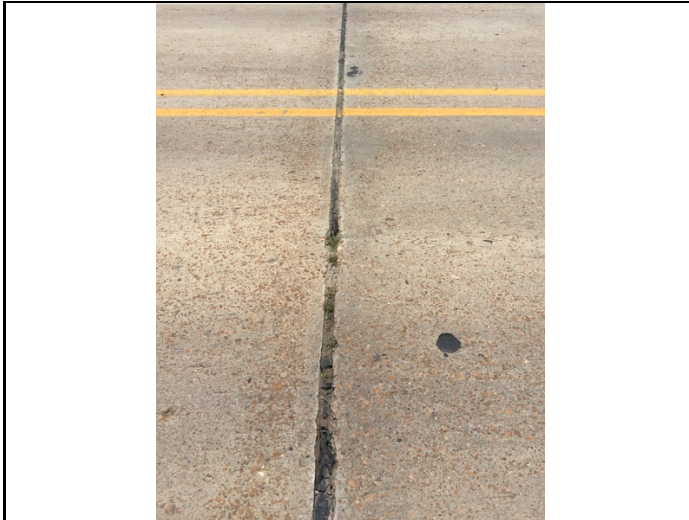
Status: Monitor

Component:

Deficiency Description

All poured joint seals are deteriorated & leak.

Remarks



All poured joint seals are deteriorated & leak.



All poured joint seals are deteriorated & leak.



Asset #05002(Routine, Underwater type 2)
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Location: .95 MI E JCT SH 367

Team Lead: Nathan Edwards, **Inspection Date:** 05/10/2022

Maintenance Needs

Date Reported: 05/19/2014

Priority: D- Routine

Type of Work: (Inactive) (Inactive) 9 - None

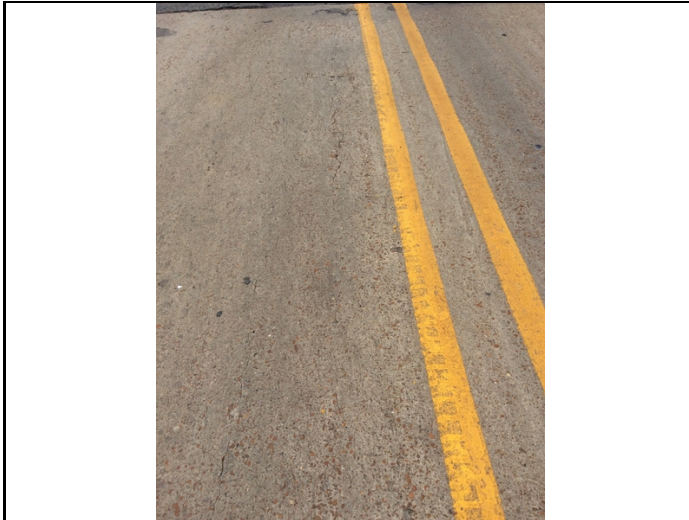
Status: Monitor

Component:

Deficiency Description

Unsealed cracks to Deck at Span 1, 2, & 3.

Remarks



Unsealed cracks to Deck at Span 1, 2, & 3.



Unsealed cracks to Deck at Span 1, 2, & 3.

Maintenance Needs

Date Reported: 05/11/2016

Priority: D- Routine

Type of Work: (Inactive) (Inactive) 9 - None

Status: Monitor

Component:

Deficiency Description

Cracks to Left & Right outside edge of Deck at Bent 1.

Remarks



Cracking/spalls to Left & Right outside edge of Deck at Bent 1.



Cracks to Left & Right outside edge of Deck at Bent 1.

Maintenance Needs

Date Reported: 05/19/2014

Priority: (Inactive) (Inactive) G - General/
Preventive maintenance

Status: Assigned

Type of Work: (Inactive) (Inactive) 9 - None

Component:

Deficiency Description

Debris in gutters at all spans.

Remarks



Debris in gutters at all spans.



Debris in gutters at all spans.



Asset #05002(Routine, Underwater type 2)

SH 11 White County over GUM SPRINGS CREEK

Location: .95 MI E JCT SH 367

Team Lead: Nathan Edwards, Inspection Date: 05/10/2022

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	
A-63 Missing/Incorrect Log Mile Signage	
A-64 - Vegetation Removal Requested	

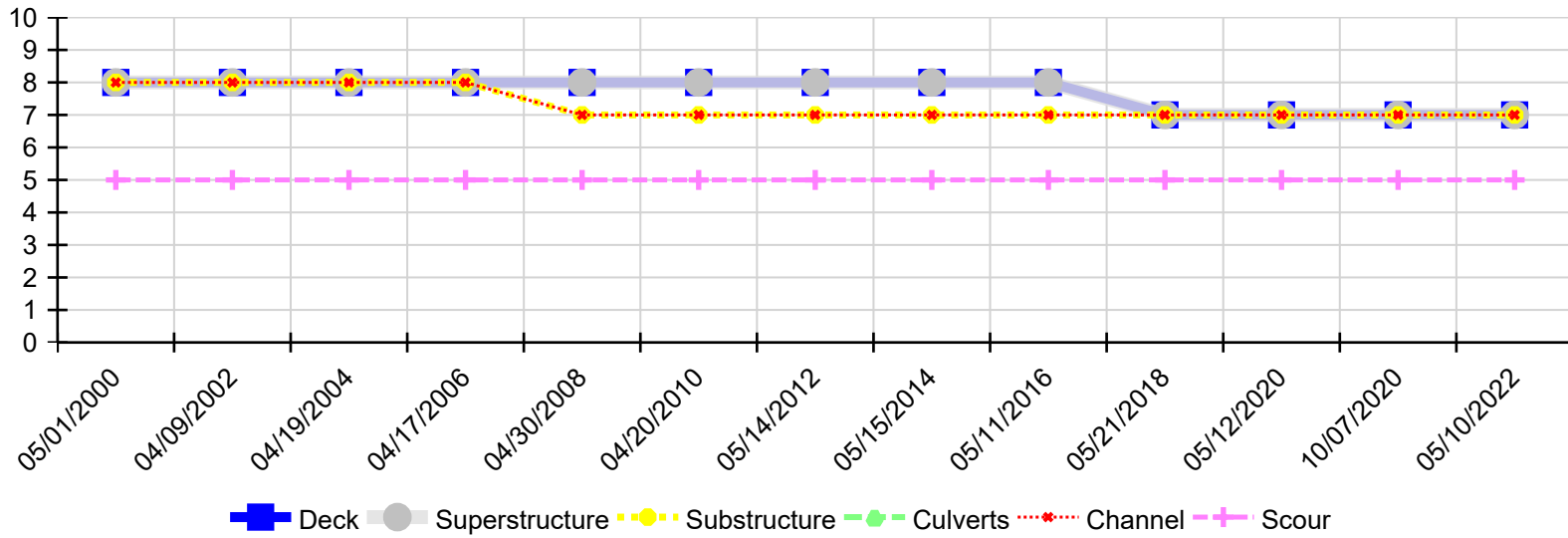


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SH 11 White County over GUM SPRINGS CREEK

Location: .95 MI E JCT SH 367

Team Lead: Nathan Edwards, Inspection Date: 05/10/2022

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
05/10/2022	7	7	7	N	7	5
10/07/2020	7	7	7	N	7	5
05/12/2020	7	7	7	N	7	5
05/21/2018	7	7	7	N	7	5
05/11/2016	8	8	7	N	7	5
05/15/2014	8	8	7	N	7	5
05/14/2012	8	8	7	N	7	5
04/20/2010	8	8	7	N	7	5
04/30/2008	8	8	7	N	7	5
04/17/2006	8	8	8	N	8	5
04/19/2004	8	8	8	N	8	5
04/09/2002	8	8	8	N	8	5
05/01/2000	8	8	8	N	8	5