



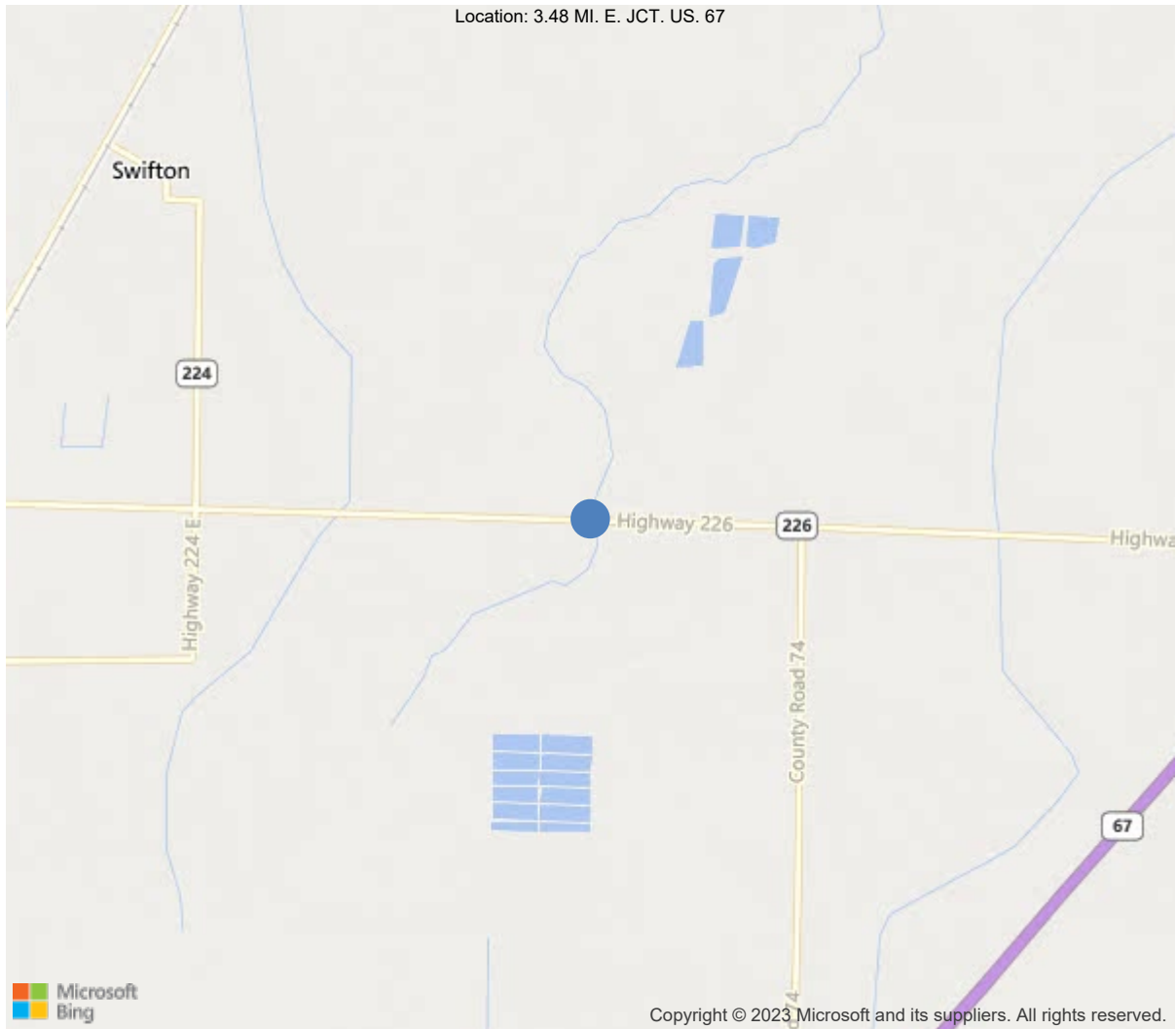
Latitude:35.79835, Longitude:-91.08952

Route:226 Section:01 Log:3.48

Arnold Road ID:34x226x1xA, Arnold Log mile:3.379

District 05, 67 - Jackson County

Owner: 1 - State Highway Agency



35.79835, -91.08952



Asset #06874(Routine)

SH 226/Jackson Co. over VILLAGE CREEK

Location: 3.48 MI. E. JCT. US. 67

Team Lead: Kerry Little, Inspection Date: 01/11/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	06874
(5) Inventory Route	1
(2) Highway Agency District	05 - District 05
(3) County Code	67 - Jackson County
(4) Place Code	0
(6) Features Intersected	VILLAGE CREEK
(7) Facility Carried	SH 226/Jackson Co.
(9) Location	3.48 MI. E. JCT. US. 67
(11) Mile Point	3.48 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000226010
(16) Latitude	35.7983463862622
(17) Longitude	-91.0895242341359
(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	6
(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	1 - Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	2003
(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	1200
(30) Year of ADT	2018
(109) Truck ADT	18 %
(19) Bypass, Detour Length	0 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	58 ft
(49) Structure Length	332 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	43.2 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	40 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	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	7
(59) Superstructure	7
(60) Substructure	7
(61) Channel & Channel Protection	7
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	5 - MS 18 / HS 20
(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	7
(68) Deck Geometry	6
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	7
(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	5 - Bridge foundations determined t
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$
(96) Total Project Cost	\$
(97) Year of Improvement Cost Estimate	
(114) Future ADT	1939
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	01/11/2022		
(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 #06874(Routine)

District: 05, County: 67 - Jackson County

Team Lead: Kerry Little, Inspection Date: 01/11/2022

General Observation (False)

Elevation with Log Mile running to the Left.

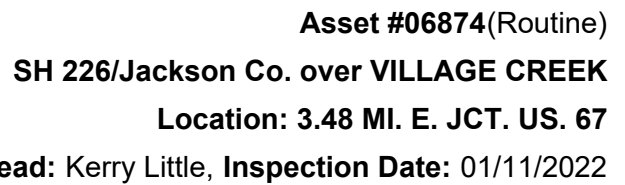
Job #05000701/25/2018 - Elements updated & channel profile added this inspection. KBL

A-46 - Asset Files

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A-51 - Inspection Direction (4)

Roadway with Log Mile running West to East.



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	14342	11142	3200	0	0
1120	Efflorescence/Rust Staining	SF	200	0	200	0	0
1130	Cracking (RC and Other)	SF	3000	0	3000	0	0
(12) Efflorescent cracks to outside edge of Deck over bents & to Left & Right overhangs. Several unsealed transverse & longitudinal cracks to deck @ all spans.							
107	Steel Open Girder/Beam	LF	1980	1980	0	0	0
515	Steel Protective Coating	SF	14989	14989	0	0	0
215	Reinforced Concrete Abutment	LF	130	123	7	0	0
1120	Efflorescence/Rust Staining	LF	7	0	7	0	0
(215) Minor efflorescent cracks to back walls @ Abut. 1 & 2.							
227	Reinforced Concrete Pile	EA	35	21	14	0	0
6000	Scour	EA	14	0	14	0	0
(227) Local scour around piles. 1' - 2' exists @ Bents 4 & 5.							
234	Reinforced Concrete Pier Cap	LF	210	210	0	0	0
302	Compression Joint Seal	LF	84	0	42	42	0
2350	Debris Impaction	LF	84	0	42	42	0
(302) Debris in joints @ Abutments 1 & 2.							
(2350-302) Debris impaction to Abutments 1 & 2.							
310	Elastomeric Bearing	EA	49	49	0	0	0
515	Steel Protective Coating	SF	98	98	0	0	0
(310) Add protective coating.							
321	Reinforced Concrete Approach Slab	SF	1776	1536	170	70	0
1130	Cracking (RC and Other)	SF	240	0	170	70	0
(321) Unsealed longitudinal & transverse cracks to Approach Slabs @ Abutments 1 & 2.							
New Approach Slab quantity: 1776							
331	Reinforced Concrete Bridge Railing	LF	664	664	0	0	0
(331) Minor efflorescent cracking to parapets.							

Asset #06874(Routine)
SH 226/Jackson Co. over VILLAGE CREEK



Asset #06874(Routine)

SH 226/Jackson Co. over VILLAGE CREEK

Location: 3.48 MI. E. JCT. US. 67

Team Lead: Kerry Little, Inspection Date: 01/11/2022

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4
107	Steel Open Girder/Beam	LF	1980	1980	0	0	0
515	Steel Protective Coating	SF	14989	14989	0	0	0



Asset #06874(Routine)

SH 226/Jackson Co. over VILLAGE CREEK

Location: 3.48 MI. E. JCT. US. 67

Team Lead: Kerry Little, Inspection Date: 01/11/2022

Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
215	Reinforced Concrete Abutment	LF	130	123	7	0	0
1120	Efflorescence/Rust Staining	LF	7	0	7	0	0
(215) Minor efflorescent cracks to back walls @ Abut. 1 & 2.							
227	Reinforced Concrete Pile	EA	35	21	14	0	0
6000	Scour	EA	14	0	14	0	0
(227) Local scour around piles. 1' - 2' exists @ Bents 4 & 5.							
234	Reinforced Concrete Pier Cap	LF	210	210	0	0	0



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Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Elevation with log mile going left.



Roadway with log mile looking east.



Overall deck.



Overall deck below.



Typical efflor cracks to Lt & Rt overhangs.



Typical cracks to deck @ all spans.



Typical cracks to approach slabs @ abutments 1 & 2.

Maintenance Needs

Date Reported: 01/25/2016
Priority: D- Routine
Type of Work: Repair (General)
Status: Monitor
Component:

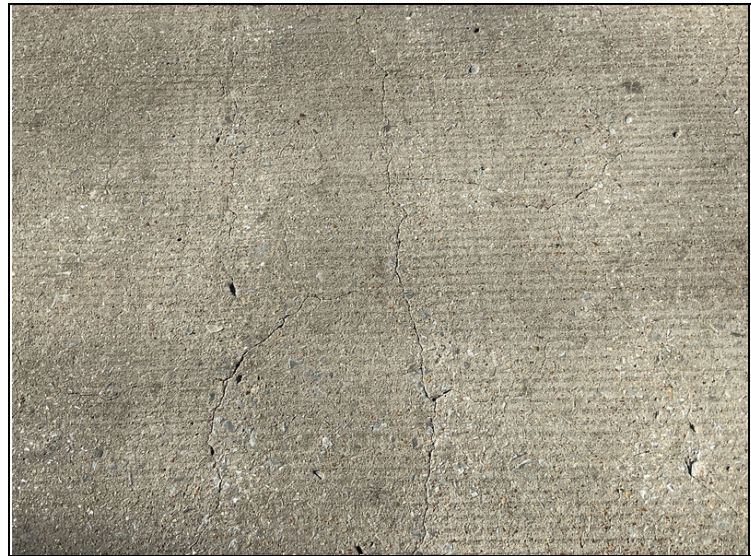
Deficiency Description

Deck all Spans.
Several Transverse and Longitudinal unsealed cracks to all spans

Remarks



Several transverse and longitudinal unsealed cracks to all spans.



Deck all Spans.
Several Transverse and Longitudinal unsealed cracks to all spans

Date Reported: 01/25/2016
Priority: D- Routine
Type of Work: Repair (General)
Status: Monitor
Component:

Deficiency Description

Approach Slabs @ Abutments 1 & 2
Several Transverse and Longitudinal unsealed cracks

Remarks



Unsealed cracks to Approach Slab @ Abutment 1.



Approach Slabs @ Abutments 1 & 2
Several Transverse and Longitudinal unsealed
cracks

Date Reported: 01/25/2016
Priority: D- Routine
Type of Work: (Inactive) (Inactive) 1 - Clean
Status: Monitor
Component:

Deficiency Description

End of Girder 4 @ Abutment 2
Large concrete spill on cap, between bearing pad and backwall is restricting expansion.

Remarks



End of Girder 4 @ Abutment 2.



End of Girder 4 @ Abutment 2
Large concrete spill on cap, between bearing pad and backwall is restricting expansion.



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SH 226/Jackson Co. over VILLAGE CREEK

Location: 3.48 MI. E. JCT. US. 67

Team Lead: Kerry Little, **Inspection Date:** 01/11/2022

Date Reported: 01/08/2020
Priority: D- Routine
Type of Work: (Inactive) (Inactive) 1 - Clean
Status: Monitor
Component: Element

Deficiency Description

Debris impaction to compression joint seal @ Abutments 1 & 2.

Remarks



Debris in compression joint seal @ Abutment 1.



Debris impactation to compression joint seal @
Abutments 1 & 2.
Abutment 1.



Debris impaction to compression joint seal @
Abutments 1 & 2.
Abutment 2.



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Location: 3.48 MI. E. JCT. US. 67

Team Lead: Kerry Little, Inspection Date: 01/11/2022

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	



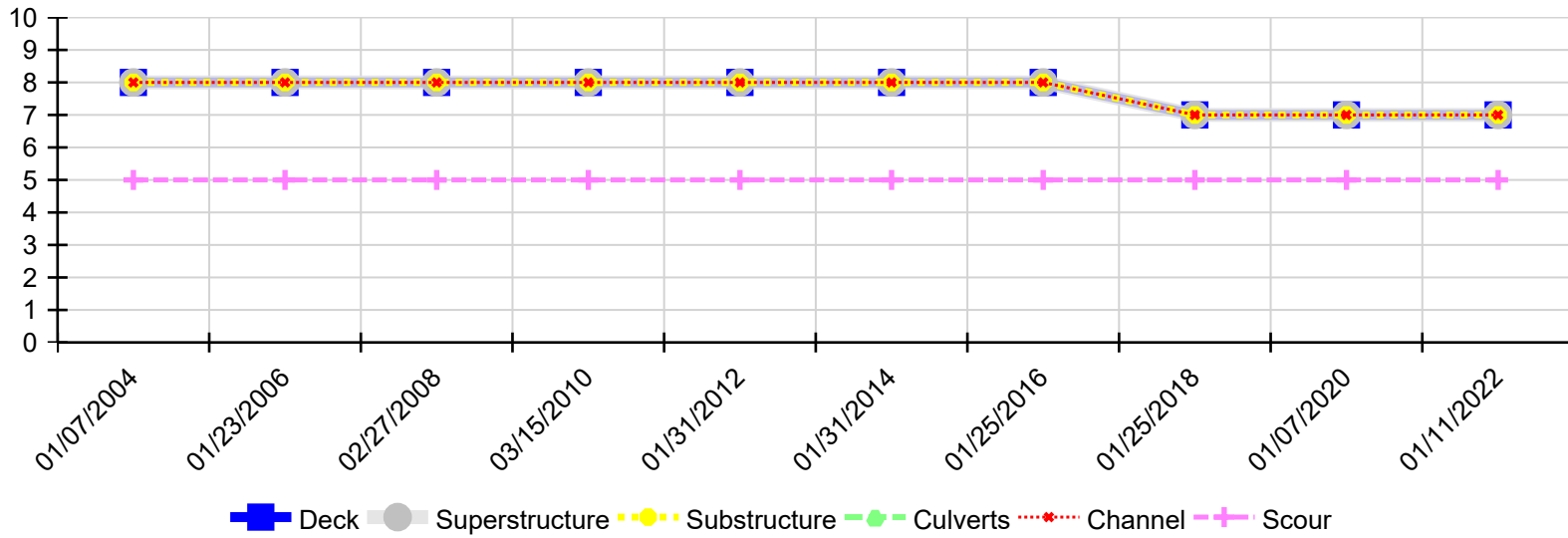
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Location: 3.48 MI. E. JCT. US. 67

Team Lead: Kerry Little, Inspection Date: 01/11/2022

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
01/11/2022	7	7	7	N	7	5
01/07/2020	7	7	7	N	7	5
01/25/2018	7	7	7	N	7	5
01/25/2016	8	8	8	N	8	5
01/31/2014	8	8	8	N	8	5
01/31/2012	8	8	8	N	8	5
03/15/2010	8	8	8	N	8	5
02/27/2008	8	8	8	N	8	5
01/23/2006	8	8	8	N	8	5
01/07/2004	8	8	8	N	8	5