



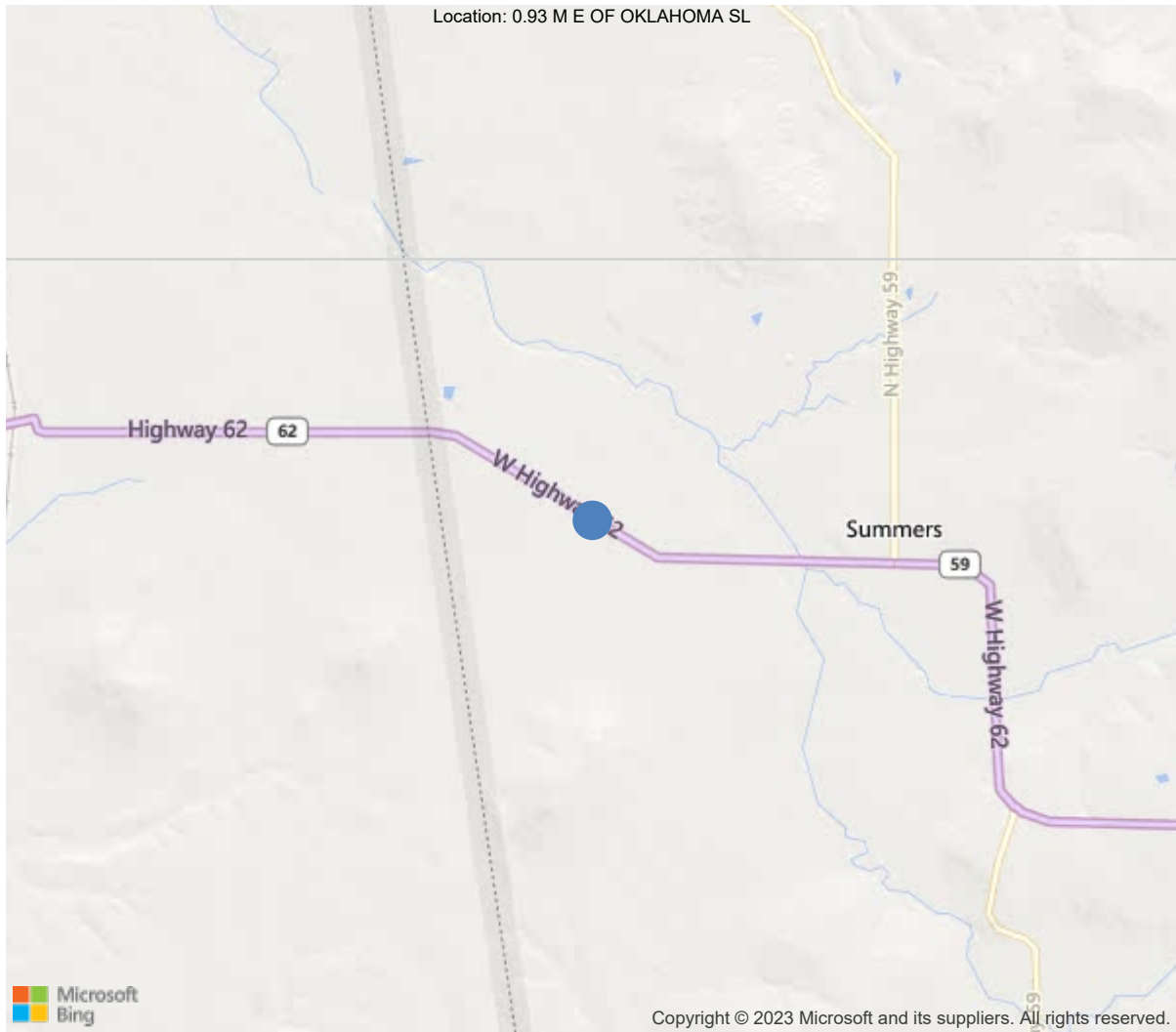
Latitude:35.98142, Longitude:-94.51782

Route:62 Section:01 Log:0.91

Arnold Road ID:72x62x1xA, Arnold Log mile:0.926

District 04, 143 - Washington County

Owner: 1 - State Highway Agency



35.98142, -94.51782



Asset #M1090(Routine)

US Highway 62 over Ditch - Wash. Co.

Location: 0.93 M E OF OKLAHOMA SL

Team Lead: Eric West, Inspection Date: 05/18/2023

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	M1090
(5) Inventory Route	1
(2) Highway Agency District	04 - District 04
(3) County Code	143 - Washington County
(4) Place Code	0
(6) Features Intersected	Ditch - Wash. Co.
(7) Facility Carried	US Highway 62
(9) Location	0.93 M E OF OKLAHOMA SL
(11) Mile Point	0.91 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000062010
(16) Latitude	35.98142
(17) Longitude	-94.51782
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	119
Material	1 - Concrete
Type	19 - Culvert
(44) Approach Structure Type	00
Material	0 - Other
Type	0 - Other
(45) No. of Spans in Main Unit	2
(46) No. of Approach Spans	0
(107) Deck Structure Type	N - Not applicable
(108) Wearing Surface/Protective System	
Type of Wearing Surface	N - Not applicable (applies only to stru
Type of Membrane	N - Not applicable (applies only to stru
Type of Deck Protection	N - Not applicable (applies only to stru
AGE AND SERVICE	
(27) Year Built	1929
(106) Year Reconstructed	1974
(42) Type of Service	15
On	1 - Highway
Under	5 - Waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	2300
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	12 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	10.5 ft
(49) Structure Length	21 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	0 ft
(52) Deck Width Out to Out	0 ft
(32) Approach Roadway Width (W/Shoulders)	34.1 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	99.9 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	6 - Rural Minor Arterial
(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	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	N
(59) Superstructure	N
(60) Substructure	N
(61) Channel & Channel Protection	6
(62) Culverts	6
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	39
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	24
(70) Bridge Posting	5 - Equal to or above legal loads
(41) Structure Open/Posted/Closed	A - Open, no restriction
APPRAISAL	
(67) Structural Evaluation	5
(68) Deck Geometry	N
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	8
(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	8 - 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	3235
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	05/18/2023		
(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 #M1090(Routine)

District: 04, County: 143 - Washington County

Team Lead: Eric West, Inspection Date: 05/18/2023

General Observation

05/18/2023 - EJW, JPW & TJL - Routine Inspection conducted on this date.

04/08/2021 - RSM & SPC: Routine inspection conducted this date. See element notes for documentation.

61 - Channel/Channel Protection (6 - Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly.)
-The upstream channel has streambed material accumulation that is directing stream flow into the Southeast wing wall causing minor erosion behind the wing wall.

A-15 - Late Reason (Optimize Schedule)

05/19/2023 - EJW - Structure inspected late due to heavy work load.

A-46 - Asset Files

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US Highway 62 over Ditch - Wash. Co.

Location: 0.93 M E OF OKLAHOMA SL

Team Lead: Eric West, **Inspection Date:** 05/18/2023

[illegible]



Asset #M1090(Routine)

US Highway 62 over Ditch - Wash. Co.

Location: 0.93 M E OF OKLAHOMA SL

Team Lead: Eric West, Inspection Date: 05/18/2023

Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Asset #M1090(Routine)

US Highway 62 over Ditch - Wash. Co.

Location: 0.93 M E OF OKLAHOMA SL

Team Lead: Eric West, Inspection Date: 05/18/2023

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Asset #M1090(Routine)

US Highway 62 over Ditch - Wash. Co.

Location: 0.93 M E OF OKLAHOMA SL

Team Lead: Eric West, Inspection Date: 05/18/2023

Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4

61 - Channel/Channel Protection (6 - Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly.)
Comment: -The upstream channel has streambed material accumulation that is directing stream flow into the Southeast wing wall causing minor erosion behind the wing wall.

US Highway 62 over Ditch - Wash. Co.

Location: 0.93 M E OF OKLAHOMA SL

Team Lead: Eric West, **Inspection Date:** 05/18/2023

Culvert

[illegible]



Elevation



Roadway



Downstream



Upstream



Typical driving surface.



Right head wall horizontal wide cracking.



Barrel # 1 typical.



Barrel # 2 Rt wing wall spalling with exposed reinforcing steel.



Barrel # 2 typical.

Maintenance Needs

Date Reported: 04/23/2015

Priority: D- Routine

Type of Work: Repair (General)

Status: Monitor

Component: Element

Deficiency Description

R.C. Box Culvert -

The headwall on the right side of the structure has wide horizontal cracking.

Remarks

05/18/2023 - EJW - Updated deficiency description on this date.



Right head wall with wide horizontal cracking.



Horizontal cracking. Inlet end of Barrel # 1 headwall.

Maintenance Needs

Date Reported: 04/26/2017

Priority: D- Routine

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

Status: Monitor

Component: Channel

Deficiency Description

Channel -

The upstream channel has streambed material accumulation that is directing stream flow into the Southeast wing wall causing minor erosion behind the wing wall.

Remarks



Channel. Inlet end of structure.



The upstream channel has streambed material accumulation that is directing stream flow into the Southeast wing wall causing minor erosion behind the wing wall.



Asset #M1090(Routine)

US Highway 62 over Ditch - Wash. Co.

Location: 0.93 M E OF OKLAHOMA SL

Team Lead: Eric West, Inspection Date: 05/18/2023

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	



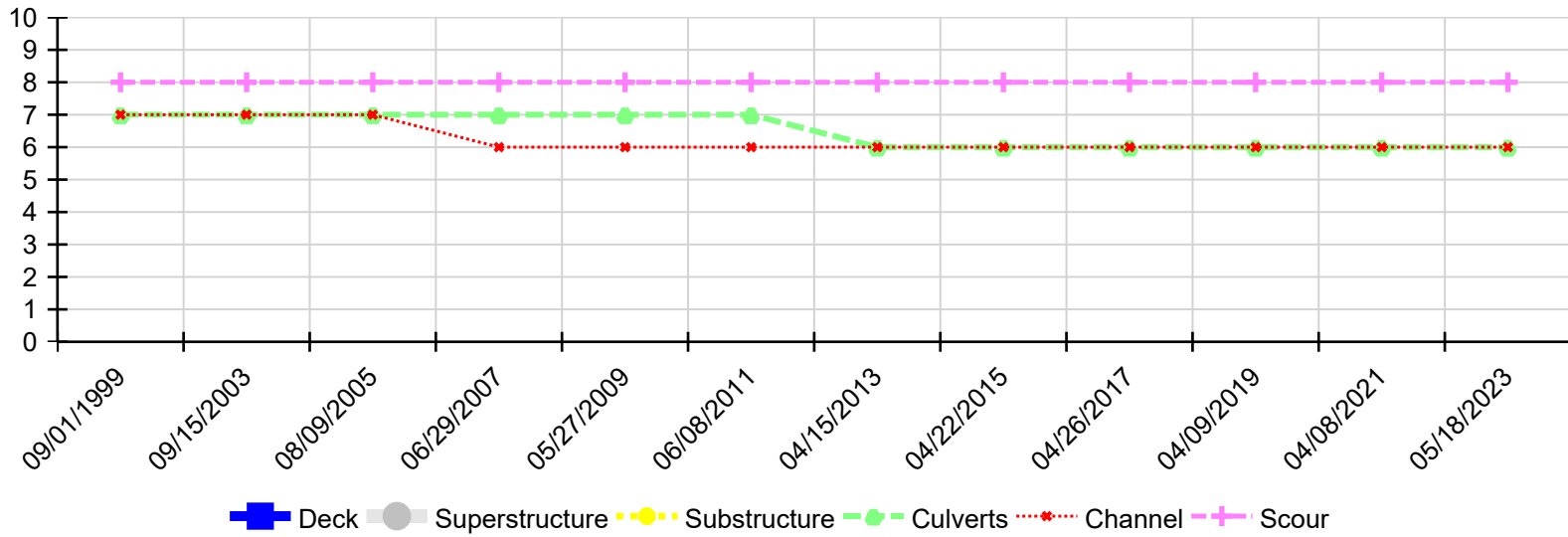
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US Highway 62 over Ditch - Wash. Co.

Location: 0.93 M E OF OKLAHOMA SL

Team Lead: Eric West, Inspection Date: 05/18/2023

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
05/18/2023	N	N	N	6	6	8
04/08/2021	N	N	N	6	6	8
04/09/2019	N	N	N	6	6	8
04/26/2017	N	N	N	6	6	8
04/22/2015	N	N	N	6	6	8
04/15/2013	N	N	N	6	6	8
06/08/2011	N	N	N	7	6	8
05/27/2009	N	N	N	7	6	8
06/29/2007	N	N	N	7	6	8
08/09/2005	N	N	N	7	7	8
09/15/2003	N	N	N	7	7	8
09/01/1999	N	N	N	7	7	8