

Bridge 02573 Inspection Report



Latitude:35.87191, Longitude:-92.32322

Route:66 Section:02 Log:6.449

Arnold Road ID:69x66x2xA, Arnold Log mile:6.461

District 05, 137 - Stone County

Owner: 1 - State Highway Agency

Inspection Direction: 4 - W to E

Bridge Posting Information

41 - Structure Open/Posted/Closed: A - Open, no restriction

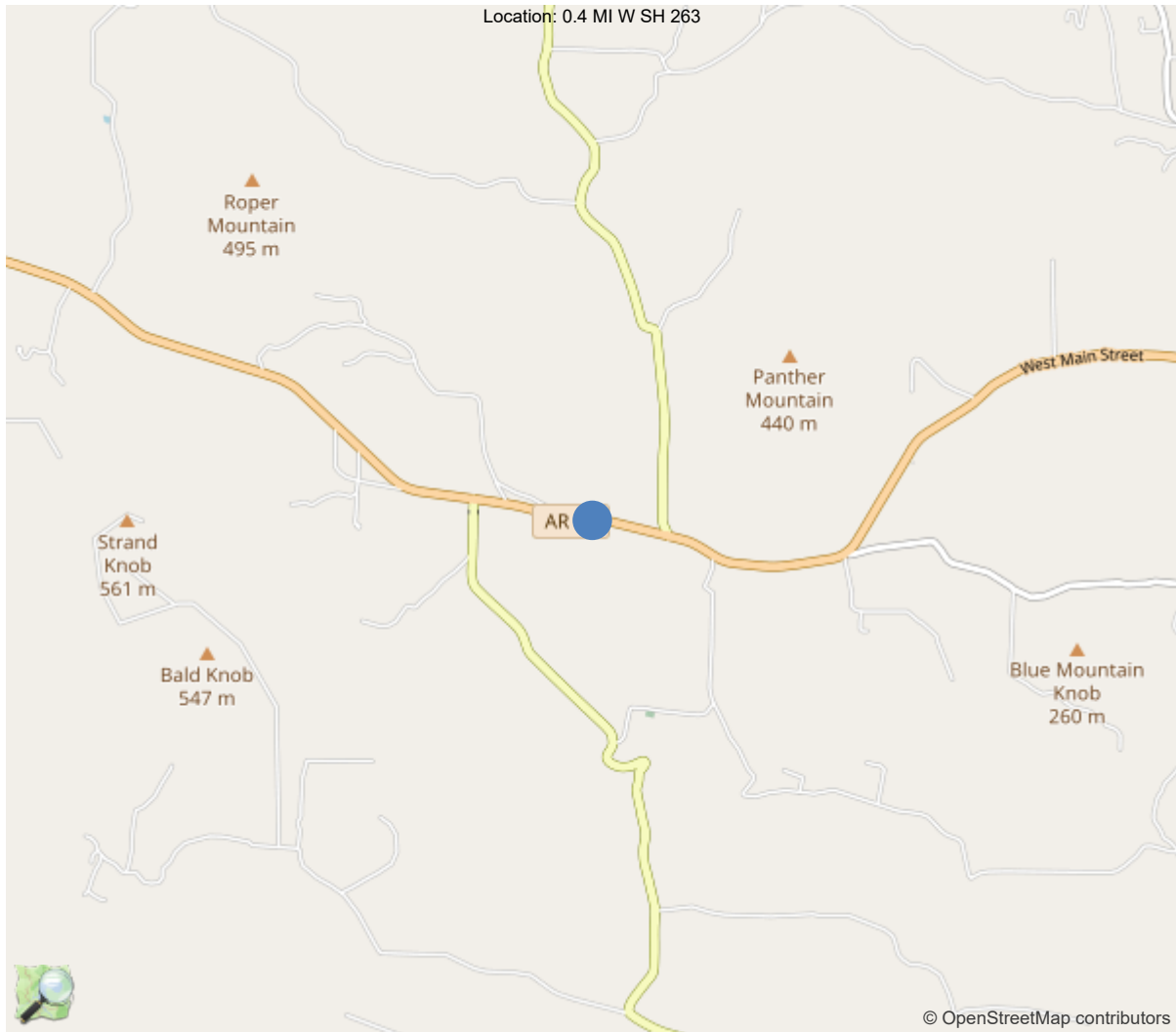
70 - Bridge Posting: 5 - Equal to or above legal loads

Legal Load	Calculated Capacity	Beginning of Bridge Sign Current Value	End of Bridge Sign Current Value
Code 4 (22 Tons)	27		
Code 9 (31 Tons)	31		
Code 5 (40 Tons)	40		

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



35.87191, -92.32322

National Bridge Inventory Data Sheet

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	02573
(5) Inventory Route	1
(2) Highway Agency District	05 - District 05
(3) County Code	137 - Stone County
(4) Place Code	0
(6) Features Intersected	TIMBO CREEK
(7) Facility Carried	SH 66/Stone County
(9) Location	0.4 MI W SH 263
(11) Mile Point	6.449 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	35.87191
(17) Longitude	-92.32322
(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	5
(46) No. of Approach Spans	0
(107) Deck Structure Type	1 - Concrete Cast-in-Place
(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	1956
(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	1600
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	41 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	28 ft
(49) Structure Length	140 ft
(50) Curb or Sidewalk Width	
Left	1 ft
Right	1 ft
(51) Bridge Roadway Width Curb to Curb	24 ft
(52) Deck Width Out to Out	26.6 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	25.9 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	6
(59) Superstructure	6
(60) Substructure	4
(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	42
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	25
(70) Bridge Posting	5 - Equal to or above legal loads
(41) Structure Open/Posted/Closed	A - Open, no restriction
APPRAISAL	
(67) Structural Evaluation	
(68) Deck Geometry	4
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	6
(36A) Bridge Railings	0 - Inspected feature does not meet
(36B) Transitions	1 - Inspected feature meets current
(36C) Approach Guardrail	0 - Inspected feature does not meet
(36D) Approach Guardrail Ends	1 - Inspected feature meets current
(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	1988
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date			11/20/2024
(91) Frequency			24
(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.			

Team Lead: Floyd Haley, Inspection Date: 11/20/2024

Specifications for National Bridge Inventory Sheets

IDENTIFICATION	
B.ID.01 Bridge Number	02573
B.ID.02 Bridge Name	
B.ID.03 Previous Bridge No.	
B.W.01 Year Built	1956

LOCATION	
B.L.01 State Code	5 - Arkansas
B.L.02 County Code	137 - Stone County
B.L.03 Place Code	00000 - N/A
B.L.04 Highway Agency District	05 - District 05
B.L.05 Latitude	35.87191
B.L.06 Longitude	-92.32322
B.L.07 Border Bridge Number	
B.L.08 Border Bridge State or Country Code	
B.L.09 Border Bridge Insp. Resp.	
B.L.10 Border Bridge Designated Lead State	
B.L.11 Bridge Location	0.4 MI W SH 263
B.L.12 Metropolitan Planning Organization	

CLASSIFICATION	
B.CL.01 Owner	S01 - State transportation departme
B.CL.02 Maint. Responsibility	S01 - State transportation departme
B.CL.03 Federal or Tribal Land Access	N - Not Applicable
B.CL.04 Historic Significance	N - Bridge is not eligible for the
B.CL.05 Toll	N - Bridge does not carry a toll ro
B.CL.06 Emergency Evacuation Designation	

ROADSIDE HARDWARE	
B.RH.01A Bridge Railing Type	
B.RH.01B Bridge Railing Year (YY)	
B.RH.01C Bridge Railing Test Level	
B.RH.02A Transition Type	
B.RH.02B Transition Year (YY)	
B.RH.02C Transition Test Level	

BRIDGE GEOMETRY	
B.G.01 NBIS Bridge Length	135
B.G.02 Total Bridge Length	140.1
B.G.03 Max Span Length	27.9
B.G.04 Min Span Length	28
B.G.05 Bridge Width Out-to-Out	26.6
B.G.06 Bridge Width Curb-to-Curb	24
B.G.07 Left Curb or Sidewalk Width	1
B.G.08 Right Curb or Sidewalk Width	1
B.G.09 Approach Roadway Width	22

B.G.10 Bridge Median	0 - No median
B.G.11 Skew	0
B.G.12 Curved Bridge	N - Not curved
B.G.13 Max Bridge Height	
B.G.14 Sidehill Bridge	N - Not a sidehill bridge
B.G.15 Irregular Deck Area	
B.G.16 Calculated Deck Area	3722.9

LOADS AND LOAD RATING	
B.LR.01 Design Load	H15 - H-15
B.LR.02 Design Method	
B.LR.03 Load Rating Date	
B.LR.04 Load Rating Method	LFR - Load Factor Rating
B.LR.05 Inventory Load Rating Factor	0.69
B.LR.06 Operating Load Rating Factor	1.17
B.LR.07 Controlling Legal Load Rating Factor	
B.LR.08 Routine Permit Loads	

INSPECTION REQUIREMENTS	
B.IR.01 NSTM Inspection Required	N - NSTM inspection not required.
B.IR.02 Fatigue Details	
B.IR.03 UW Inspection Required	N - Underwater inspection not requi
B.IR.04 Complex Feature	N - Bridge does not have complex fe

COMPONENT CONDITION RATINGS	
B.C.01 Deck Condition Rating	6 - SATISFACTORY - Widespread
B.C.02 Superstructure Condition	6 - SATISFACTORY - Widespread
B.C.03 Substructure Condition	4 - POOR - Widespread moderate
B.C.04 Culvert Condition	N - NOT APPLICABLE - Component
B.C.05 Bridge Railing Condition	5 - FAIR - Some moderate defec
B.C.06 Bridge Railing Transitions Condition	5 - FAIR - Some moderate defec
B.C.07 Bridge Bearings Cond.	N - NOT APPLICABLE - Component
B.C.08 Bridge Joints Condition	4 - POOR - Widespread moderate
B.C.09 Channel Condition Rating	7 - GOOD - Some minor defects.
B.C.10 Channel Protection Condition	
B.C.11 Scour Condition Rating	6 - Widespread minor or isolat
B.C.12 Bridge Condition Classification	P - Poor
B.C.13 Lowest Condition Rating	4 - POOR - Widespread moderate
B.C.14 NSTM Insp. Condition	
B.C.15 UW Inspection Condition	

APPRAISAL	
B.AP.01 Approach Roadway Alignment	F - Fair
B.AP.02 Overtopping Likelihood	1 - Remote - once every 100 years o
B.AP.03 Scour Vulnerability	0 - Scour appraisal has not been co
B.AP.04 Scour Plan of Action	0 - A scour POA is not required.
B.AP.05 Seismic Vulnerability	0 - Seismic evaluation not complete

SPAN SETS			
M1			
B.SP.02 # of Spans	5	B.SP.08 Deck Interaction	IM - Integral or monolithic
B.SP.03 # of Beam Lines	1	B.SP.09 Deck Material and Type	C01 - Reinforced concrete - ca
B.SP.04 Span Material	C01 - Reinforced concrete - ca	B.SP.10 Wearing Surface	B01 - Bituminous (asphalt)
B.SP.05 Span Continuity	1 - Simple or single span	B.SP.11 Deck Protective System	0 - None
B.SP.06 Span Type	S01 - Slab - solid	B.SP.12 Deck Reinforcing Protective System	0 - None
B.SP.07 Span Protective System	0 - None	B.SP.13 Deck Stay-In-Place Forms	0 - None

SUBSTRUCTURE SETS			
A1			
B.SB.02 No. of Substructure Units	2	B.SB.05 Substructure Protective System	0 - None
B.SB.03 Substructure Material	C01 - Reinforced concrete - ca	B.SB.06 Foundation Type	F02 - Footing - on rock
B.SB.04 Substructure Type	A03 - Abutment - open/spill th	B.SB.07 Foundation Protective System	0 - None
P1			
B.SB.02 No. of Substructure Units	4	B.SB.05 Substructure Protective System	0 - None
B.SB.03 Substructure Material	C01 - Reinforced concrete - ca	B.SB.06 Foundation Type	F02 - Footing - on rock
B.SB.04 Substructure Type	B02 - Bent - column with web w	B.SB.07 Foundation Protective System	0 - None

HIGHWAY FEATURES			
H1			
B.F.02 Feature Location	C - Carried on bridge	B.H.09 Annual ADT	1600
B.F.03 Feature Name	SH 66/Stone County	B.H.10 Annual ADTT	16
B.H.01 Functional Classification	5 - Major Collector	B.H.11 Year of Annual ADT	2018
B.H.02 Urban Code	99999	B.H.12 Highway Max Usable Vertical Clearance	99.9
B.H.03 NHS Designation	N - Non-NHS	B.H.13 Highway Min Vertical Clearance	99.9
B.H.04 National Highway Freight Network	N - Not on the NHFN	B.H.14 Highway Min Horizontal Clearance, Left	
B.H.05 STRAHNET Designation	N - Not a STRAHNET route	B.H.15 Highway Min Horizontal Clearance, Right	
B.H.06 LRS Route ID		B.H.16 Highway Max Usable Surface Width	25.5
B.H.07 LRS Mile Point	6.449	B.H.17 Bypass Detour Length	41
B.H.08 Lanes On Highway	2	B.H.18 Crossing Bridge Number	

HIGHWAY ROUTES					
Highway Parent	B.RT.01 Route Designation	B.RT.02 Route Number	B.RT.03 Route Direction	B.RT.04 Route Type	B.RT.05 Service Type
H1	R01	66	2-T - TEMP - Two-way traffic - NS or EW	3 - State route	1 - Mainline



Team Lead: Floyd Haley, Inspection Date: 11/20/2024

WATERWAY FEATURES

W1			
B.F.02 Feature Location	B - Below bridge	B.N.03 Movable Bridge Max Navigation Vertical Clearance	
B.F.03 Feature Name	Timbo Creek	B.N.04 Navigation Channel Width	
B.N.01 Navigable Waterway	N - Not navigable waters	B.N.05 Navigation Channel Min Horizontal Clearance	
B.N.02 Navigation Min Vertical Clearance		B.N.06 Substructure Navigation Protection	

POSTING STATUS DATA

B.PS.01 Load Posting Status	B.PS.02 Posting Status Change Date
PO - Permanent - Open	

LOAD EVALUATION AND POSTING

B.EP.01 Legal Load Configuration	B.EP.02 Legal Load Rating Factor	B.EP.03 Posting Type	B.EP.04 Posting Value
----------------------------------	----------------------------------	----------------------	-----------------------



Asset #02573(Routine, Underwater type 2)

SH 66/Stone County over TIMBO CREEK

Location: 0.4 MI W SH 263

Team Lead: Floyd Haley Inspection Date: 11/20/2024

Inspection Notes

General Observation

11/20/2024

Routine and Underwater Type 2 inspections were conducted on this date from West to East. All deficiencies were noted and quantified in the report's elements section, and all components were rated according to their condition.

Job Number - 1267

58 - Deck (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Deck is in Satisfactory condition with delaminated areas, efflorescence and spalls with reinforcing steel exposed to undersurface. Deck surface is not visible due to asphalt overlay. As a result, a rating of 6.

59 - Superstructure (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Superstructure is in Satisfactory condition with delaminated areas, efflorescence and spalls with reinforcing steel exposed to undersurface. As a result a rating of 6.

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

Substructure is in Poor condition with scour at Abutment 1, scour to footings at Bents 2 and 3, and heavy deterioration to columns, caps and pier walls at all bents. AS a result, a rating of 4.

61 - Channel/Channel Protection (7 - Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift.)

Channel is in Good condition with footings exposed at Bents 2 and 3. Footings are on solid rock. As a result, a rating of 7.

A-51 - Inspection Direction (4 - W to E)

Roadway with Log Mile running West to East.

A-B.C.11 - B.C.11 Scour Condition Rating (New NBIS) (6 - Widespread minor or isolated moderate scour.)

Footings exposed at Bents 2 and 3. Footings are on solid rock

National Bridge Element Quantities and Notes

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
38	RC Slab	SF	3724	3671	32	21	0
1080	Delamination/Spall/Patched Area	SF	14	0	14	0	0
1090	Exposed Rebar	SF	16	0	0	16	0
1120	Efflorescence/Rust Staining	SF	23	0	18	5	0
510	Wearing Surfaces	SF	3360	3216	0	144	0
3220	Crack (Wearing Surface)	SF	144	0	0	144	0
(38) Deck surface is not visible due to asphalt overlay'. Undersurface: Span 2 :Left and Right drains: Spalls with corroded reinforcing steel exposed. 6' CS3 Span 2: Efflorescent cracking. 8' CS2 Span 3: Left drain: Spalls with corroded reinforcing steel exposed. 4' CS3 Span 3: Efflorescent cracking. 4' CS2 Span 3: Areas of delamination at beginning and end of span. 10' CS2 Span 4 :Left and Right drains: Spalls with corroded reinforcing steel exposed. 6' CS3 Span 4: Efflorescent cracking. 5' CS3 4' CS2 Span 4: Areas of delamination at Left and Right drains. 4' CS2 Span 5: Efflorescent cracking. 2' CS2 (510-38) Wearing surface is cracking at a few spans and at all joints. 144' CS3							
205	Reinforced Concrete Column	EA	9	1	1	7	0
1090	Exposed Rebar	EA	4	0	0	4	0
1130	Cracking (RC and Other)	EA	3	0	0	3	0
6000	Scour	EA	1	0	1	0	0
(205) Abutment 1: Left: Scour 1' down and 2.5' back under exposing 1 column. Bent 1: Left column: Cracking. 1EA CS3 Bent 1: Right column: Spall with corroded reinforcing steel exposed. 1EA CS3 Bent 2: Right column: Spall with corroded reinforcing steel exposed. 1EA CS3 Bent 3: Left column: Spall with corroded reinforcing steel exposed. 1EA CS3 Bent 3: Right column: Spall with corroded reinforcing steel exposed. 1EA CS3 Bent 4: Left and Right columns: Cracking. 2EA CS3							
210	Reinforced Concrete Pier Wall	LF	58	20	8	30	0
1010	Cracking	LF	26	0	8	18	0
1090	Exposed Rebar	LF	12	0	0	12	0
(210) Bent 1: Concrete Pier Wall: Backside: Vertical and horizontal cracking. 6' CS3 Bent 3: Concrete Pier Wall: Backside and top: Spalls with corroded reinforcing steel exposed. Some with 100% section loss. 12' CS3 Bent 4: Concrete Pier Wall: Ahead: Horizontal cracking. 12' CS3							
215	Reinforced Concrete Abutment	LF	75	50	25	0	0



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
6000	Scour	LF	25	0	25	0	0
(215) Abutment 1: Left: Scour 1' down and 2.5' back under exposing 1 column. 25LF CS2							
220	Reinforced Concrete Pile Cap/Footing	LF	18	0	18	0	0
6000	Scour	LF	18	0	18	0	0
(220) Footings exposed to columns @ Bents 2 & 3. Footings are on solid rock.							
234	Reinforced Concrete Pier Cap	LF	110	44	10	56	0
1080	Delamination/Spall/Patched Area	LF	12	0	10	2	0
1090	Exposed Rebar	LF	15	0	0	15	0
1120	Efflorescence/Rust Staining	LF	34	0	0	34	0
1130	Cracking (RC and Other)	LF	5	0	0	5	0
(234) Bent 1: Back and ahead sides: Efflorescent cracking. 13' CS3 Bent 1: Ahead: Delaminated area. 1' CS2 Bent 2: Ahead: Spalls with corroded reinforcing steel exposed, some with 100% section loss. 10' CS3 Bent 2: Ahead: Horizontal efflorescent cracking. 3' CS3 Bent 2: Backside and Bottom: Horizontal cracking with rust. 5' CS3 Bent 2: Backside: Delaminated area. 1' CS2 Bent 3: Ahead: Left end and bottom: Spalls with corroded reinforcing steel exposed, some with 100% section loss. 4' CS3 Bent 3: Ahead: Spall. 1' CS3 Bent 3: Ahead: Cracking. 2' CS3 Bent 3: Backside/bottom: Efflorescent map cracking. 10' CS3 Bent 4: Bottom: Spall with corroded reinforcing steel exposed. 1' CS3 Bent 4: Ahead Left: Spall. 1' CS3 Bent 4: Backside/bottom: Horizontal cracking. 3' CS3 Bent 4: Back and Ahead sides: Vertical and horizontal efflorescent cracking. 6' CS3 Bent 4: Ahead/bottom: Delaminated areas. 6' CS2							
304	Open Expansion Joint	LF	106	10	0	96	0
2350	Debris Impaction	LF	96	0	0	96	0
(304) Joints are not visible due to asphalt overlay.							
330	Metal Bridge Railing	LF	280	250	30	0	0
1000	Corrosion	LF	30	0	30	0	0
515	Steel Protective Coating	SF	840	740	0	100	0
3440	Effectiveness (Steel Protective Coatings)	SF	100	0	0	100	0
(330) Minor rust to Bridge rail. Cracking to curbs. (515-330) Rust to rails.							

Inspection Photos and Notes



Elevation with Log Mile running to the Right.



Undersurface photo



Typical deck



Downstream



Upstream



Roadway with Log Mile running West to East.



Typical



Minor distortion



Typical



Span 4 :Left and Right drains: Spalls with corroded reinforcing steel exposed. 6' CS3



Span 4: Efflorescent cracking. 5' CS3 4' CS2



Span 3: Left drain: Spalls with corroded reinforcing steel exposed. 4' CS3



The deck has an asphalt wearing surface



The wearing surface has cracks at all joints. 144SF CS3



Bent 2, column 1: has exposed rebar. 1EA CS3



Bent 1, column 2: exposed rebar. 1EA CS3



Bent 1, column 2



Bent 1, left: cracking



Bent 3, back.



Bent 1, back: horizontal cracking. 6LF CS3



Abutment 1, left: has scour under the cap with a column exposed. 1' down, 2.5' back under. 25LF CS2



Bent 3, right: has an exposed footing.



Bent 2, both footings exposed.



Bent 4: Back and Ahead sides: Vertical and horizontal efflorescent cracking. 6' CS3



Bent 4: Ahead Left: Spall. 1' CS3



Bent 4: Bottom: Spall with corroded reinforcing steel exposed. 1' CS3



Bent 3: Backside/bottom: Efflorescent map cracking. 10' CS3



Bent 2: Ahead: Spalls with corroded reinforcing steel exposed, some with 100% section loss. 10' CS3



Bent 2: Ahead: Horizontal efflorescent cracking. 3' CS3



Bent 1: Back and ahead sides: Efflorescent cracking. 13' CS3



The joints have been impacted by the wearing surface.

Maintenance Needs

Date Reported: 11/08/2016

Priority: C - Important

Type of Work: Repair (General)

Status: Monitor

Component: Substructure

Deficiency Description

Bents 2 & 4 - Large spalls with rebar exposed. Rebar has 100% section loss.

Bent 3 - Large spall w/ 3' of rebar exposed and efflorescent map cracking w/ rust stains to cap & Lt. & Rt. columns and diaphragm.

Remarks



Spalls with rebar exposed to bottom of cap @ Bent 2.



Bent 3 back side Cap, Columns & Diaphragm have large spalls with rebar exposed, Large areas of delaminations, & efflorescent cracks with rust stains.



11/17/2021

Bent 3 - Large spall w/ 3' of rebar exposed and efflorescent map cracking w/ rust stains to cap & Lt. & Rt. columns and diaphragm.



11/15/2022

Bent 3 - Large spall w/ 3' of rebar exposed and efflorescent map cracking w/ rust stains to cap & Lt. & Rt. columns and diaphragm.



11/15/2022

Bents 2 & 4 - Large spalls with rebar exposed. Rebar has 100% section loss.

Maintenance Needs

Date Reported: 11/08/2016

Priority: D- Routine

Type of Work: Superstructure Repair

Status: Monitor

Component: Superstructure

Deficiency Description

Soffit @ Spans 3 & 4

Spalls w/ rebar exposed around Left & Right drain openings.

Remarks



01/01/2020

Spalls with rebar exposed to soffit @ Right drain opening
@ Span 4.



11/15/2022

Soffit @ Spans 3 & 4
Spalls w/ rebar exposed around Left & Right drain
openings.
Span 3.

Maintenance Needs

Date Reported: 11/13/2018

Priority: D- Routine

Type of Work: Substructure Repair

Status: Monitor

Component: Substructure

Deficiency Description

Abutment 1: Scour 1' down and 2.5' back under exposing 1 column.

Remarks



Abutment 1: Scour 1' down and 2.5' back under exposing 1 column.



Abutment 1: Scour 1' down and 2.5' back under exposing 1 column.



Asset #02573(Routine, Underwater type 2)

SH 66/Stone County over TIMBO CREEK

Location: 0.4 MI W SH 263

Team Lead: Floyd Haley Inspection Date: 11/20/2024

Routine Maintenance

Check Box Maintenance Items

Type of Maintenance	Is Recommended?
A-54 - Sealable Deck Cracks	No
A-55 - Deck Washing Needed	No
A-56 - Joint Cleaning/Flushing Needed	No
A-57 - Beam End and Bearing Paint Needed	No
A-58 - Cap Cleaning/Flushing Needed	No
A-59 - Joint Repair Needed	No
A-60 - Full Beam Painting Needed	No
A-61 - Polymer Overlay Advised	No
A-62 - Hydro and LMC Advised	No
A-63 - Missing/Incorrect Log Mile Signage	No
A-64 - Vegetation Removal Requested	No
A-65 - Clogged deck drains?	
A-66 - Approach minor pothole/leveling needed	

A-54 - Sealable Deck Cracks (No)

A-55 - Deck Washing Needed (No)

A-56 - Joint Cleaning/Flushing Needed (No)



Asset #02573(Routine, Underwater type 2)

SH 66/Stone County over TIMBO CREEK

Location: 0.4 MI W SH 263

Team Lead: Floyd Haley Inspection Date: 11/20/2024

A-57 - Girder End and Bearing Painting Needed (No)

A-58 - Cap Cleaning/Flushing Needed (No)

A-59 - Joint Repair Needed (No)

A-60 - Full Girder Painting Needed (No)

A-61 - Polymer Overlay Advised (No)

A-62 - Hydro and LMC Advised (No)

A-63 - Missing/Incorrect Log Mile Signage (No)

A-64 - Vegetation Removal Requested (No)

A-65 - Clogged deck drains?



Asset #02573(Routine, Underwater type 2)

SH 66/Stone County over TIMBO CREEK

Location: 0.4 MI W SH 263

Team Lead: Floyd Haley Inspection Date: 11/20/2024

A-66 - Approach minor pothole/leveling needed



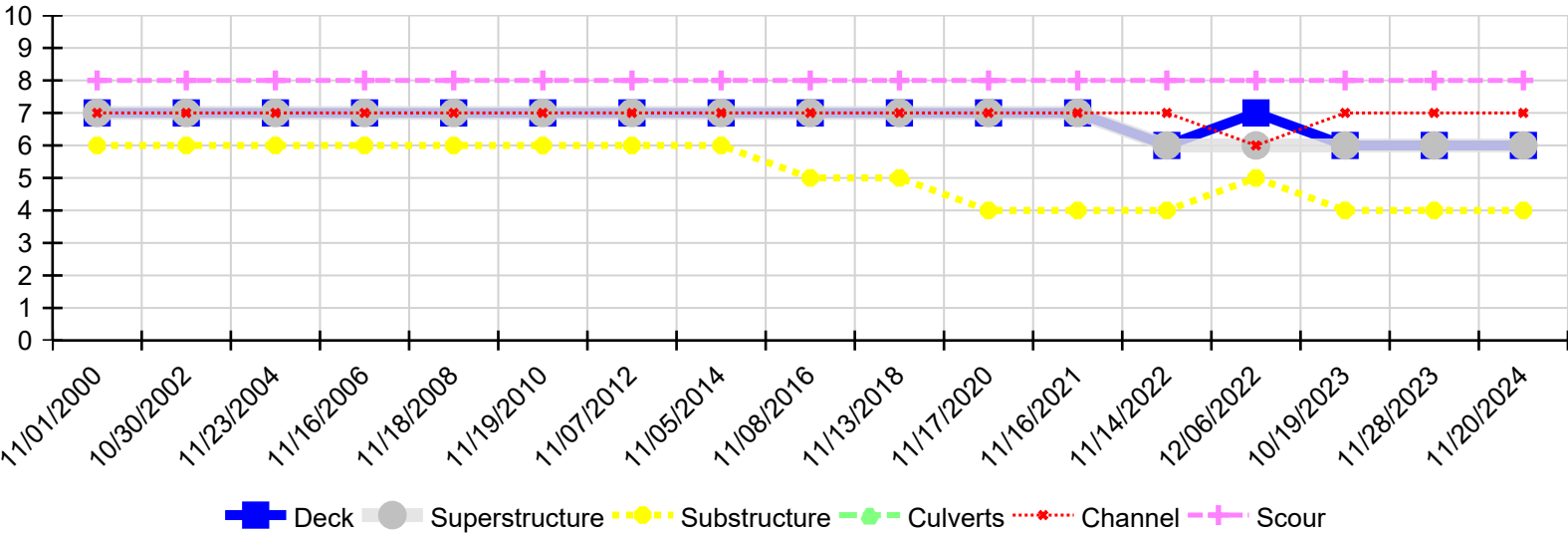
Asset #02573(Routine, Underwater type 2)

SH 66/Stone County over TIMBO CREEK

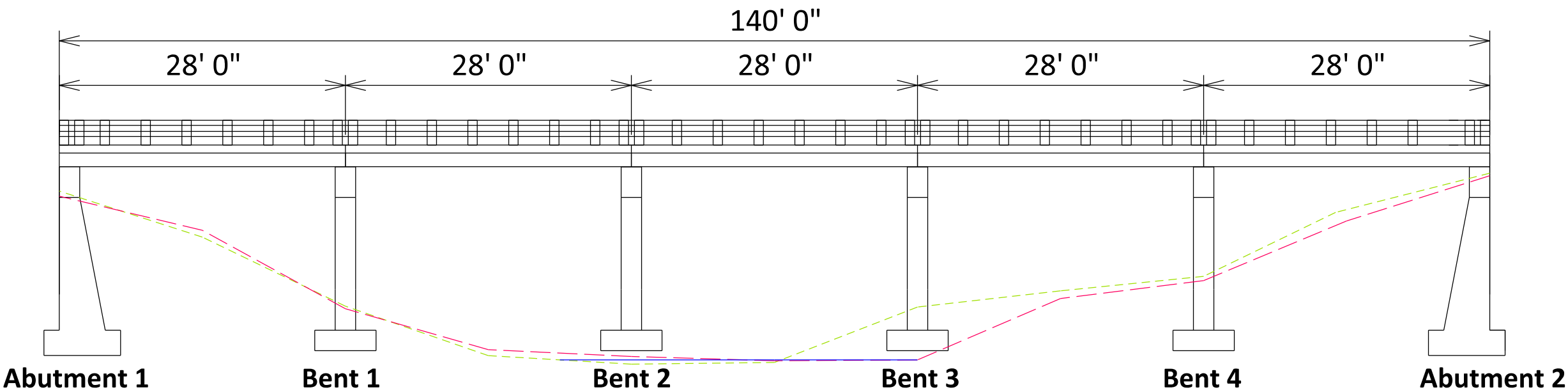
Location: 0.4 MI W SH 263

Team Lead: Floyd Haley Inspection Date: 11/20/2024

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
11/20/2024	6	6	4	N	7	8
11/28/2023	6	6	4	N	7	8
10/19/2023	6	6	4	N	7	8
12/06/2022	7	6	5	N	6	8
11/14/2022	6	6	4	N	7	8
11/16/2021	7	7	4	N	7	8
11/17/2020	7	7	4	N	7	8
11/13/2018	7	7	5	N	7	8
11/08/2016	7	7	5	N	7	8
11/05/2014	7	7	6	N	7	8
11/07/2012	7	7	6	N	7	8
11/19/2010	7	7	6	N	7	8
11/18/2008	7	7	6	N	7	8
11/16/2006	7	7	6	N	7	8
11/23/2004	7	7	6	N	7	8
10/30/2002	7	7	6	N	7	8
11/01/2000	7	7	6	N	7	8



Right Side Sounding Left Side Sounding	 Scale: 1"=12'	BRIDGE NO. 02573	
	AR KANSAS STATE HIGHWAY COMMISSION Little Rock, ARK.	Inspection Dir: W to EChannel Flow: N to S	Drawn By: ZBAProject: Chan_prof Checked By: EditDate: 20241121