



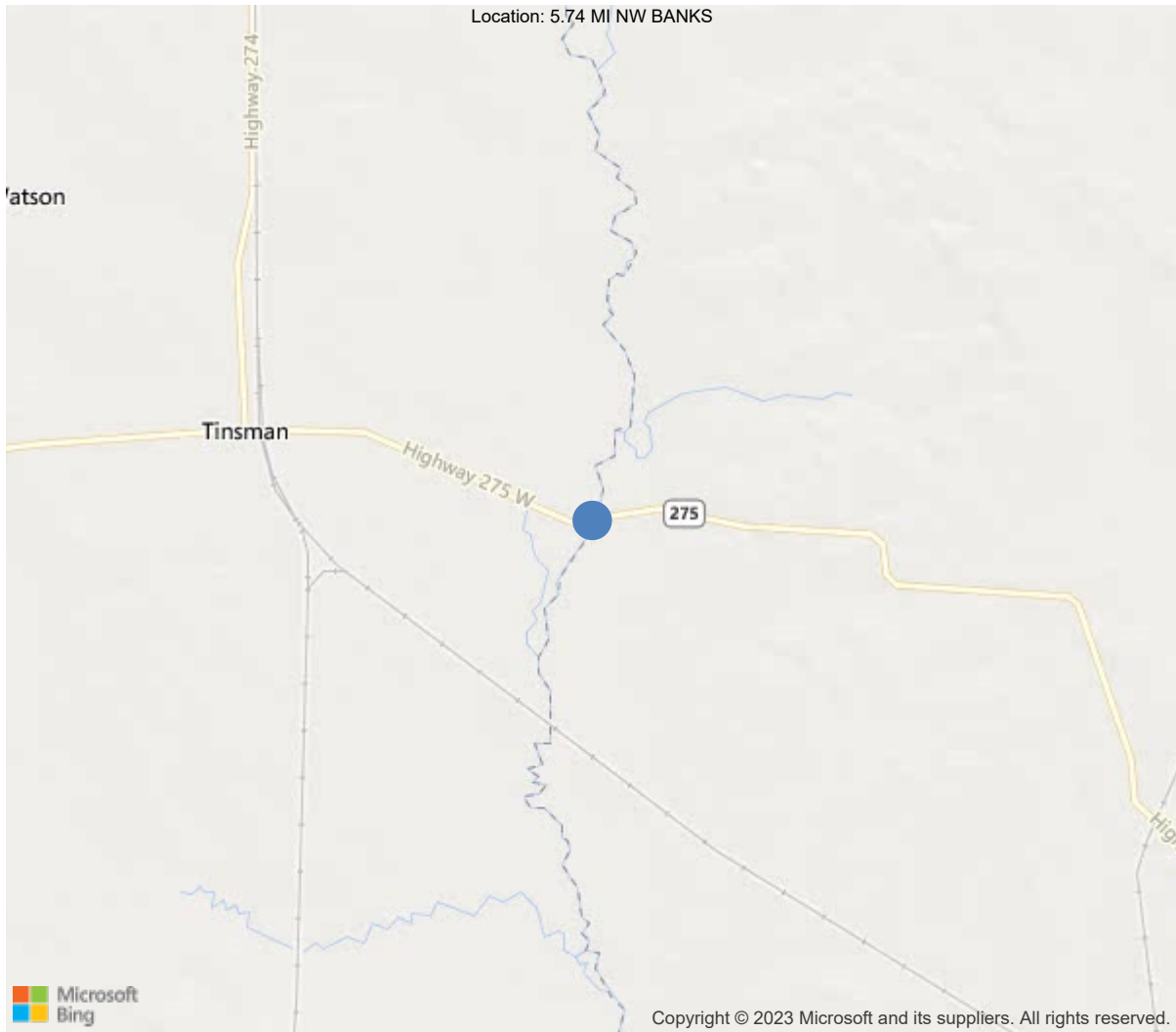
Latitude:33.62334, Longitude:-92.32439

Route:275 Section:03 Log:5.54

Arnold Road ID:6x275x3xA, Arnold Log mile:5.541

District 07, 11 - Bradley County

Owner: 1 - State Highway Agency



33.62334, -92.32439



Asset #06064(Routine)

SH 275 S-3 LM5.54 over MORO CREEK

Location: 5.74 MI NW BANKS

Team Lead: Rickie Bratton, Inspection Date: 06/02/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	06064
(5) Inventory Route	1
(2) Highway Agency District	07 - District 07
(3) County Code	11 - Bradley County
(4) Place Code	0
(6) Features Intersected	MORO CREEK
(7) Facility Carried	SH 275 S-3 LM5.54
(9) Location	5.74 MI NW BANKS
(11) Mile Point	5.54 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	33.623341
(17) Longitude	-92.324394
(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	1 - Monolithic Concrete (concurrently pl
Type of Membrane	0 - None
Type of Deck Protection	0 - None
AGE AND SERVICE	
(27) Year Built	1986
(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	190
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	16 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	35 ft
(49) Structure Length	175 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	27.9 ft
(52) Deck Width Out to Out	30.8 ft
(32) Approach Roadway Width (W/Shoulders)	32.2 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	29.5 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	8
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	4 - M 18 / H 20
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1 - Load Factor(LF)
Rating	52
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	31
(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	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	319
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	06/02/2022		
(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 #06064(Routine)

District: 07, County: 11 - Bradley County

Team Lead: Rickie Bratton, Inspection Date: 06/02/2022

General Observation

Logged east to west.

52 - Deck Width (30.8)

06/15/2020 JPR -- Per plans out -out or deck width is 30.84' of 30.8'

A-46 - Asset Files

-



Asset #06064(Routine)

SH 275 S-3 LM5.54 over MORO CREEK

Location: 5.74 MI NW BANKS

Team Lead: Rickie Bratton, Inspection Date: 06/02/2022

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
38	RC Slab	SF	5397	4962	435	0	0
1120	Efflorescence/Rust Staining	SF	15	0	15	0	0
1130	Cracking (RC and Other)	SF	420	0	420	0	0
(38) All bents, both sides of the bridge have shear cracks from top of deck to the top of concrete caps. There are 30' of shear cracks. Span 1 -- 35' of deck crack & span 5 -- 35' of deck crack.							
215	Reinforced Concrete Abutment	LF	89.2	87.2	2	0	0
1080	Delamination/Spall/Patched Area	LF	2	0	2	0	0
227	Reinforced Concrete Pile	EA	24	0	24	0	0
1190	Abrasion/Wear (PSC/RC)	EA	24	0	24	0	0
(227) All piles have light abrasion.							
234	Reinforced Concrete Pier Cap	LF	126.7	126.7	0	0	0
301	Pourable Joint Seal	LF	123.4	0	123.4	0	0
2310	Leakage	LF	62	0	62	0	0
2320	Seal Adhesion	LF	61.4	0	61.4	0	0
(301) All joints loss bond and are leaking.							
331	Reinforced Concrete Bridge Railing	LF	350	350	0	0	0

SH 275 S-3 LM5.54 over MORO CREEK

Location: 5.74 MI NW BANKS

Team Lead: Rickie Bratton, **Inspection Date:** 06/02/2022

Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
38	RC Slab	SF	5397	4962	435	0	0
1120	Efflorescence/Rust Staining	SF	15	0	15	0	0
1130	Cracking (RC and Other)	SF	420	0	420	0	0
(38) All bents, both sides of the bridge have shear cracks from top of deck to the top of concrete caps. There are 30' of shear cracks. Span 1 -- 35' of deck crack & span 5 -- 35' of deck crack.							



Asset #06064(Routine)

SH 275 S-3 LM5.54 over MORO CREEK

Location: 5.74 MI NW BANKS

Team Lead: Rickie Bratton, Inspection Date: 06/02/2022

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Asset #06064(Routine)

SH 275 S-3 LM5.54 over MORO CREEK

Location: 5.74 MI NW BANKS

Team Lead: Rickie Bratton, Inspection Date: 06/02/2022

Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4
215	Reinforced Concrete Abutment	LF	89.2	87.2	2	0	0
1080	Delamination/Spall/Patched Area	LF	2	0	2	0	0
227	Reinforced Concrete Pile	EA	24	0	24	0	0
1190	Abrasion/Wear (PSC/RC)	EA	24	0	24	0	0
(227) All piles have light abrasion.							
234	Reinforced Concrete Pier Cap	LF	126.7	126.7	0	0	0



Asset #06064(Routine)

SH 275 S-3 LM5.54 over MORO CREEK

Location: 5.74 MI NW BANKS

Team Lead: Rickie Bratton, Inspection Date: 06/02/2022

Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Soffit overview.



Deck overview.



Elevation.



Approach roadway.



Span 5, longitudinal cracks.



Roadway



Approach roadway Westbound.



Deck soffit



Span 3 looking ahead @ the deck.



Deck overview.



Span 1 soffit overview.



Profile



Elevation.



Span 1 soffit has cracks with efflorescence.



Deck span 1 has longitudinal cracks.



Bent 5 joint seal loss of bond, common all joints.



Bent 1 abutment has spall.

Maintenance Needs

Date Reported: 06/08/2016

Priority: D- Routine

Status: Monitor

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

Component:

Deficiency Description

Bent 2 Rt. side, concrete deck @ all bents all spans has minor shear cracking on the outside of deck with some efflorescence.

Page 2

Remarks





Asset #06064(Routine)

SH 275 S-3 LM5.54 over MORO CREEK

Location: 5.74 MI NW BANKS

Team Lead: Rickie Bratton, **Inspection Date:** 06/02/2022

Maintenance Needs

Date Reported: 06/19/2018

Priority: D- Routine

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

Status: Assigned

Component: Bridge

Deficiency Description

Route and section markers at bridge ends missing.

Remarks

Route and section markers are up now @ bridge ends.



Asset #06064(Routine)

SH 275 S-3 LM5.54 over MORO CREEK

Location: 5.74 MI NW BANKS

Team Lead: Rickie Bratton, Inspection Date: 06/02/2022

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	



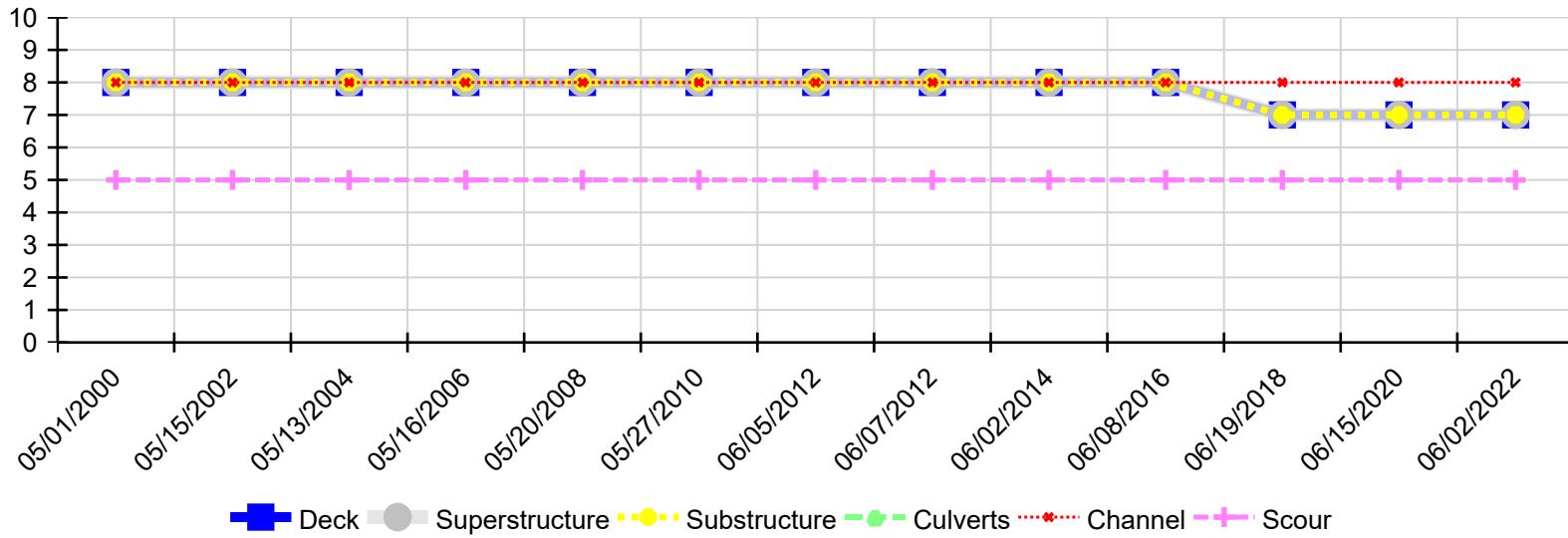
Asset #06064(Routine)

SH 275 S-3 LM5.54 over MORO CREEK

Location: 5.74 MI NW BANKS

Team Lead: Rickie Bratton, Inspection Date: 06/02/2022

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
06/02/2022	7	7	7	N	8	5
06/15/2020	7	7	7	N	8	5
06/19/2018	7	7	7	N	8	5
06/08/2016	8	8	8	N	8	5
06/02/2014	8	8	8	N	8	5
06/07/2012	8	8	8	N	8	5
06/05/2012	8	8	8	N	8	5
05/27/2010	8	8	8	N	8	5
05/20/2008	8	8	8	N	8	5
05/16/2006	8	8	8	N	8	5
05/13/2004	8	8	8	N	8	5
05/15/2002	8	8	8	N	8	5
05/01/2000	8	8	8	N	8	5