



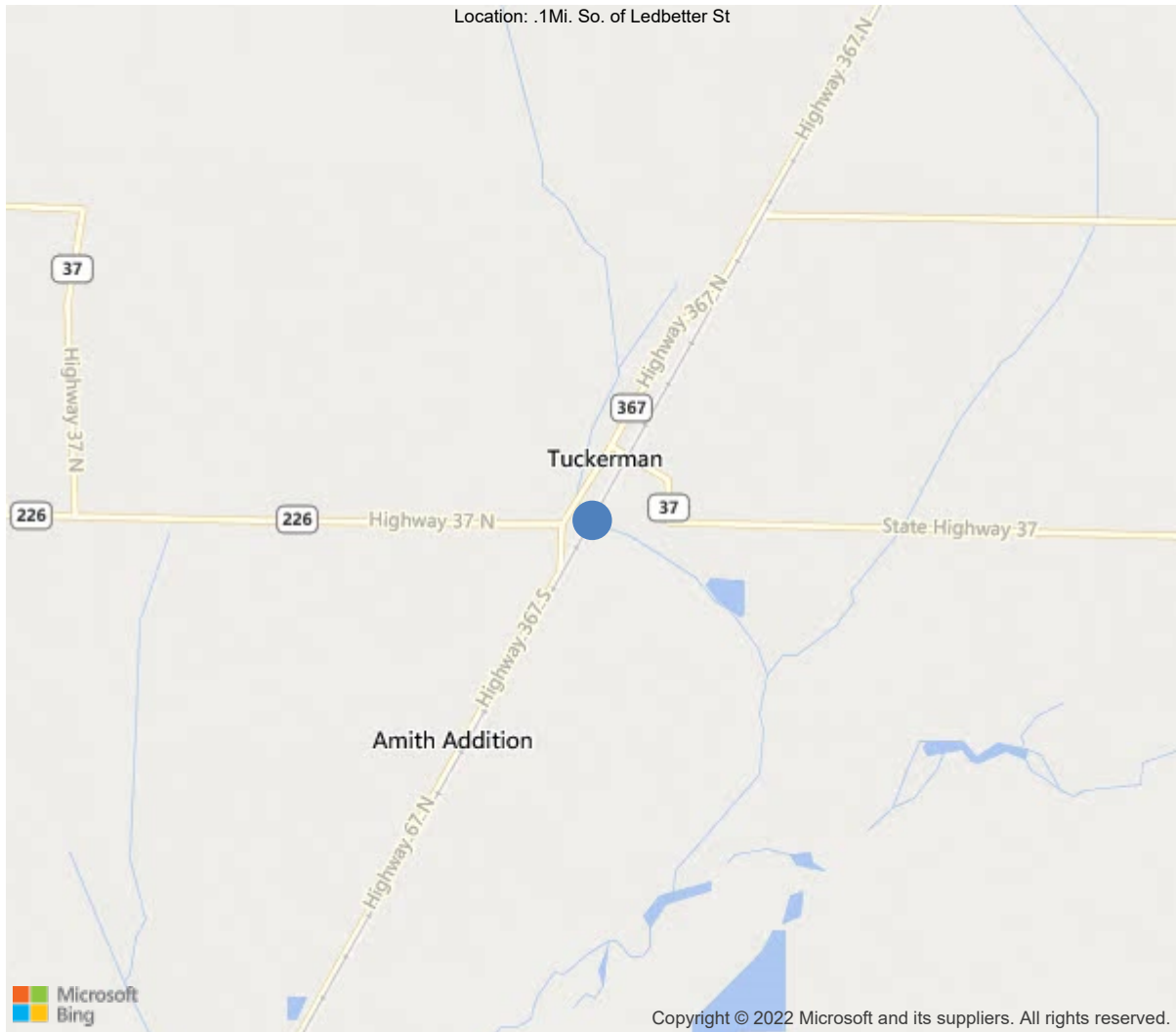
Latitude:35.72652, Longitude:-91.20035

Route:64441 Section:00 Log:0.38

Arnold Road ID:34x1STSTSEx1xA, Arnold Log mile:0.298

District 05, 67 - Jackson County

Owner: 4 - City or Municipal Highway Agency



35.72652, -91.20035



Asset #22477(Routine)

E. 1st Tuckerman over DITCH

Location: .1Mi. So. of Ledbetter St

Team Lead: Kerry Little, Inspection Date: 04/05/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	22477
(5) Inventory Route	1
(2) Highway Agency District	05 - District 05
(3) County Code	67 - Jackson County
(4) Place Code	70100
(6) Features Intersected	DITCH
(7) Facility Carried	E. 1st Tuckerman
(9) Location	.1Mi. So. of Ledbetter St
(11) Mile Point	0.38 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	35.726517
(17) Longitude	-91.200348
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	122
Material	1 - Concrete
Type	22 - Channel beam
(44) Approach Structure Type	00
Material	0 - Other
Type	0 - Other
(45) No. of Spans in Main Unit	1
(46) No. of Approach Spans	0
(107) Deck Structure Type	2 - Concrete Precast Panels
(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	2002
(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	1128
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	1 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	31 ft
(49) Structure Length	31 ft
(50) Curb or Sidewalk Width	
Left	0.6 ft
Right	0.6 ft
(51) Bridge Roadway Width Curb to Curb	24 ft
(52) Deck Width Out to Out	25.3 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	99.9 ft
(53) Min Vert Clear Over Bridge Rdwy	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	9 - Rural Local
(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	4 - City or Municipal Highway
(22) Owner	4 - City or Municipal Highway
(37) Historical Significance	5 - Bridge is not eligible for
CONDITION	
(58) Deck	6
(59) Superstructure	6
(60) Substructure	7
(61) Channel & Channel Protection	7
(62) Culverts	N
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	51
(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	5
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	7
(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	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	476
(115) Year of Future ADT	2007

INSPECTIONS *			
(90) Inspection Date	04/05/2022		
(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 #22477(Routine)

District: 05, County: 67

Team Lead: Kerry Little, Inspection Date: 04/05/2022

58 - Deck (6)

Cracks & spalls to edges of units and shear keys.
Spall with rebar exposed to Left curb @ Abutment 2.

59 - Superstructure (6)

Minor spalling to girder units.
Minor vertical flexure cracks to all units.

A-46 - Asset Files

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A-51 - Inspection Direction (2)

Roadway with Log Mile running Northeast to Southwest.

General Observation (False)

Elevation with Log Mile running to the Left.



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E. 1st Tuckerman over DITCH

Location: .1Mi. So. of Ledbetter St

Team Lead: Kerry Little, Inspection Date: 04/05/2022

Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4

58 - Deck (6)

Comment: Cracks & spalls to edges of units and shear keys.

Spall with rebar exposed to Left curb @ Abutment 2.



Asset #22477(Routine)

E. 1st Tuckerman over DITCH

Location: .1Mi. So. of Ledbetter St

Team Lead: Kerry Little, Inspection Date: 04/05/2022

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4

59 - Superstructure (6)

Comment: Minor spalling to girder units.

Minor vertical flexure cracks to all units.



Asset #22477(Routine)

E. 1st Tuckerman over DITCH

Location: .1Mi. So. of Ledbetter St

Team Lead: Kerry Little, Inspection Date: 04/05/2022

Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Asset #22477(Routine)

E. 1st Tuckerman over DITCH

Location: .1Mi. So. of Ledbetter St

Team Lead: Kerry Little, Inspection Date: 04/05/2022

Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Elevation with log mile going left.



Roadway with log mile looking southwest.



Minor vertical flexure cracks to all units.

Maintenance Needs

Date Reported: 04/07/2016
Priority: D- Routine
Type of Work: Repair (General)
Status: Monitor
Component: Bridge

Deficiency Description

Deck
Few minor cracks and spalls to edges of units and shear keys.
Spall with rebar exposed to Left curb at Abutment 2. Repaired.

Remarks

Spall with rebar exposed to Left curb at Abutment 2. Repaired.
Removed maintenance need for spall to Lt curb.
Spalls to the deck are still present.



Spalls to edges of units & shear keys.



Spall with rebar exposed to Left curb at Abutment 2.



Deck

Few minor cracks and spalls to edges of units and shear keys.



Deck

Few minor cracks and spalls to edges of units and shear keys.



Spall with rebar exposed to Left curb at Abutment
2. Repaired.

Date Reported: 04/05/2022
Priority: C - Important
Type of Work: Repair (General)
Status: Open
Component: Bridge

Deficiency Description

All Transverse bolts @ mid span are missing.

Remarks



All Transverse bolts @ mid span are missing.



Asset #22477(Routine)

E. 1st Tuckerman over DITCH

Location: .1Mi. So. of Ledbetter St

Team Lead: Kerry Little, Inspection Date: 04/05/2022

Routine Maintenance

Check Box Maintenance Items

Data Field	Value
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 - Hydo and LMC Advised	



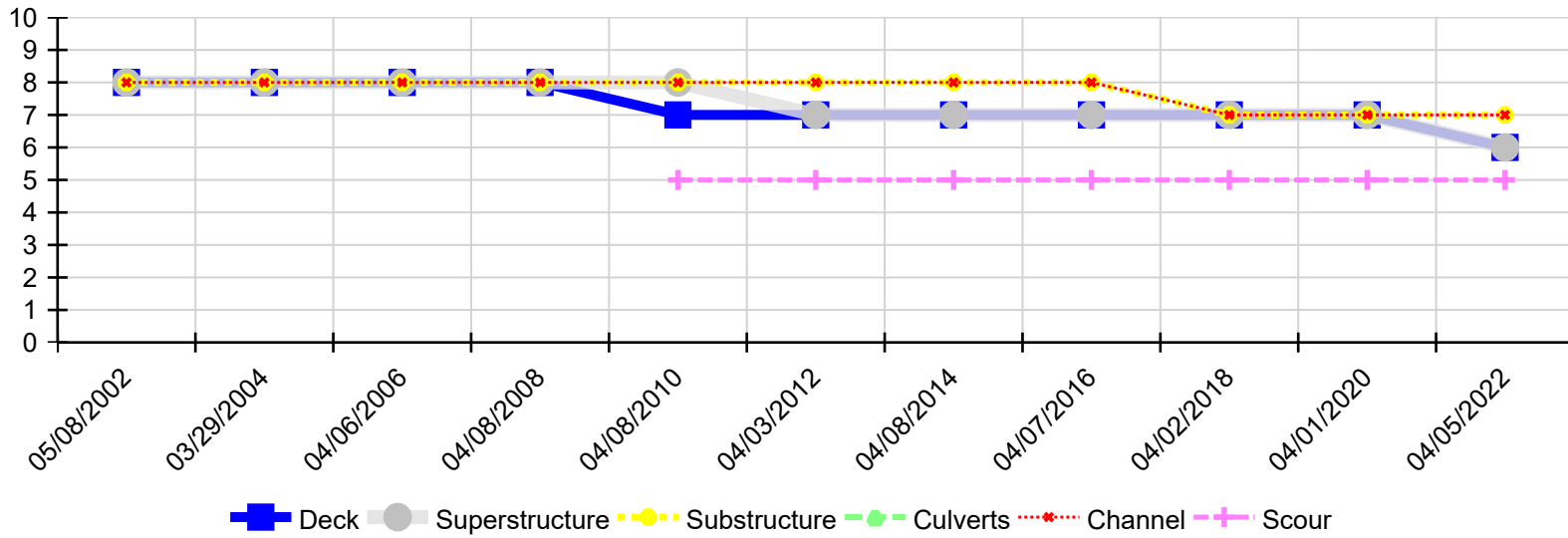
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E. 1st Tuckerman over DITCH

Location: .1Mi. So. of Ledbetter St

Team Lead: Kerry Little, Inspection Date: 04/05/2022

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
04/05/2022	6	6	7	N	7	5
04/01/2020	7	7	7	N	7	5
04/02/2018	7	7	7	N	7	5
04/07/2016	7	7	8	N	8	5
04/08/2014	7	7	8	N	8	5
04/03/2012	7	7	8	N	8	5
04/08/2010	7	8	8	N	8	5
04/08/2008	8	8	8	N	8	N
04/06/2006	8	8	8	N	8	N
03/29/2004	8	8	8	N	8	N
05/08/2002	8	8	8	N	8	N