



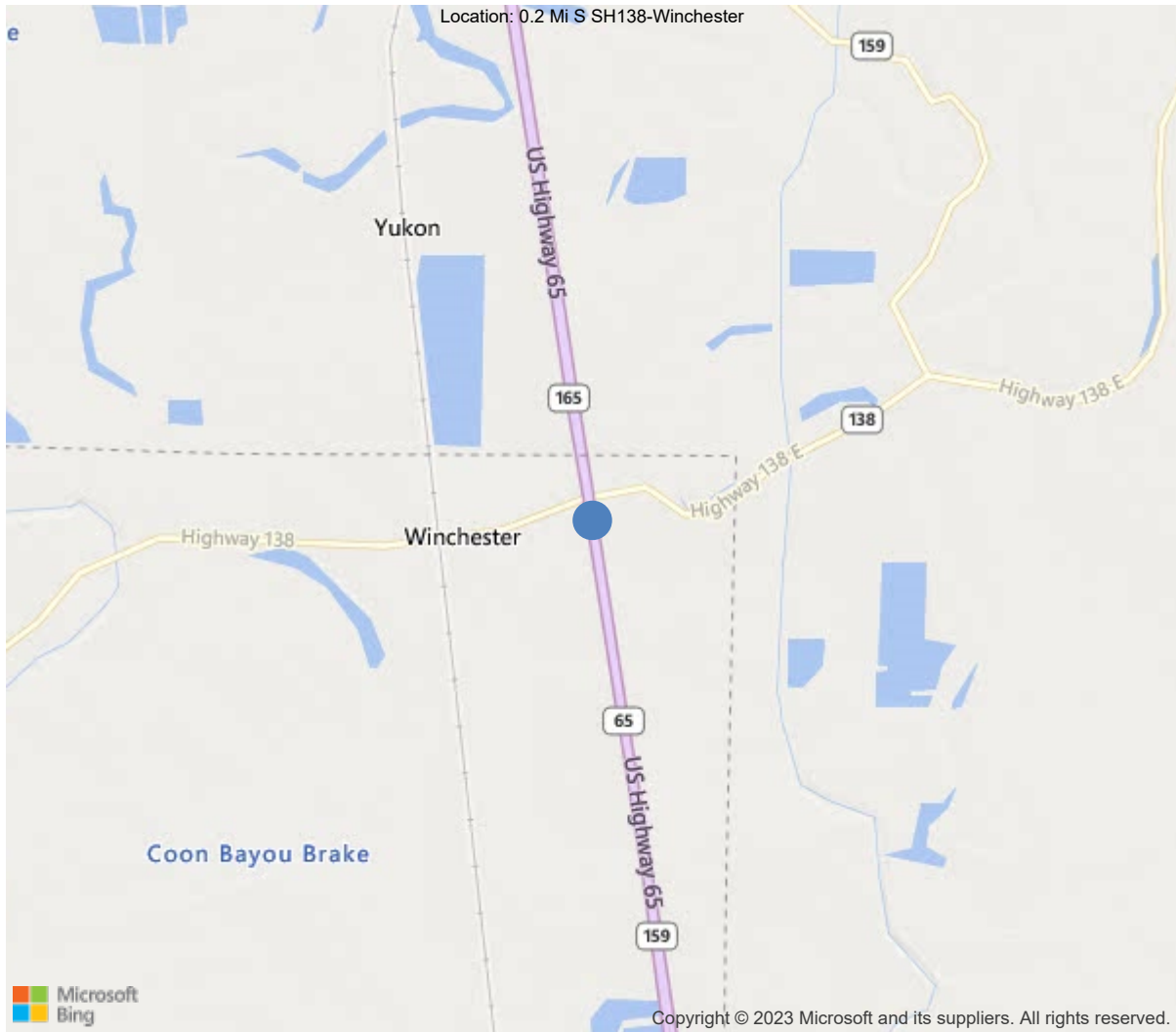
Latitude:33.77552, Longitude:-91.46280

Route:65 Section:18 Log:0.33

Arnold Road ID:22x65x18xB, Arnold Log mile:4.064

District 02, 43 - Drew County

Owner: 1 - State Highway Agency



33.77552, -91.46280



Asset #B6987(Routine)

US65-18 NB LM 0.33 over Coon Bayou

Location: 0.2 Mi S SH138-Winchester

Team Lead: Greg Loomis, Inspection Date: 07/21/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	B6987
(5) Inventory Route	1
(2) Highway Agency District	02 - District 02
(3) County Code	43 - Drew County
(4) Place Code	0
(6) Features Intersected	Coon Bayou
(7) Facility Carried	US65-18 NB LM 0.33
(9) Location	0.2 Mi S SH138-Winchester
(11) Mile Point	0.33 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000065180
(16) Latitude	33.77552
(17) Longitude	-91.4628
(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	3
(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	N - Not applicable (applies only to stru
Type of Deck Protection	N - Not applicable (applies only to stru
AGE AND SERVICE	
(27) Year Built	2006
(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	3650
(30) Year of ADT	2018
(109) Truck ADT	25 %
(19) Bypass, Detour Length	22 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	40 ft
(49) Structure Length	125.9 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	38 ft
(52) Deck Width Out to Out	41.2 ft
(32) Approach Roadway Width (W/Shoulders)	38.1 ft
(33) Bridge Median	0 - No median
(34) Skew	45 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	39 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	5 - None present but re-evalua
(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	1
(26) Functional Class	2 - Rural Principal Arterial -
(100) Defense Highway	2 - The inventory route is on
(101) Parallel Structure	L - The left structure of para
(102) Direction of Traffic	1 - 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	7
(59) Superstructure	7
(60) Substructure	8
(61) Channel & Channel Protection	8
(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	8
(68) Deck Geometry	6
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(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	3743
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	07/21/2022		
(91) Frequency	24		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection			
<p>* 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.</p>			



Asset #B6987(Routine)

District: 02, County: 43 - Drew County

Team Lead: Greg Loomis, Inspection Date: 07/21/2022

General Observation (False)

Bridge is logged from north to south.

Beginning of structure toward SH 138, North End.

Bridge 0000000000B6987 entered 5/17/2006 15:59:44 by userid rlw.

Old structure #01988 replaced under Job # 020138 with 2 bridges.

A6987 for South traffic and B6987 for the north traffic.

Approach railing on south end of structure only.

A-46 - Asset Files

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Asset #B6987 (Routine)

US65-18 NB LM 0.33 over Coon Bayou

Location: 0.2 Mi S SH138-Winchester

Team Lead: Greg Loomis, Inspection Date: 07/21/2022

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	5063	4911	152	0	0
1120	Efflorescence/Rust Staining	SF	12	0	12	0	0
1130	Cracking (RC and Other)	SF	140	0	140	0	0
(12) Deck: 41'-2" wide x 123' long = 5063 sqft. Some longitudinal and transverse cracks, mainly in left (outer) lane - 140 sqft CS2 cracking. Soffit - Some cracking with efflorescence on overhangs - 12 sqft CS2 efflorescence.							
107	Steel Open Girder/Beam	LF	738	738	0	0	0
515	Steel Protective Coating	SF	4472	4352	120	0	0
3430	Oxide Film Degradation Color/Texture Adherence(Steel Protective Coatings)	LF	120	0	120	0	0
(107) Girders: 6 per span / Spans 1-3 (40'-6" - 42' - 40'-6" = 123' total span). Coating/weathering steel (W24x68): 6.06 square feet per linear feet of girder. Uniform light brown rust on all steel members. Some minor discoloration at drains (on left side of left outer girder).							
215	Reinforced Concrete Abutment	LF	152	122	30	0	0
1120	Efflorescence/Rust Staining	LF	3	0	3	0	0
1130	Cracking (RC and Other)	LF	27	0	27	0	0
(215) Abutments: 56' each (skewed - with 10' wings each corner) / Bents 1 & 4. Bents 1 & 4 - top of backwalls: Some minor cracking - 27' CS2 cracking. Bents 1 & 4 - face of backwalls (behind ends of girders): Hairline- to minor-sized vertical cracks with efflorescence - 3' CS2 efflorescence.							
227	Reinforced Concrete Pile	EA	12	12	0	0	0
(227) Piling: 6 per bent / Bents 2 & 3. Bent 2 Pile 6: Small spall on back left corner (as-built condition).							
234	Reinforced Concrete Pier Cap	LF	110	110	0	0	0
(234) Caps: 55' each (skewed) / Bents 2 & 3.							
301	Pourable Joint Seal	LF	100	78	22	0	0
2310	Leakage	LF	2	0	2	0	0
2350	Debris Impaction	LF	20	0	20	0	0
(301) Joints: 50' each (skewed) / Bents 1 & 4. Some minor debris impaction at gutter-lines - 20' CS2 debris impaction. Some leaking between Girders 3 -5 - 2' CS2 leakage.							
311	Movable Bearing	EA	12	10	2	0	0
1000	Corrosion	EA	2	0	2	0	0
515	Steel Protective Coating	SF	12	10	0	2	0
3430	Oxide Film Degradation Color/Texture Adherence(Steel Protective Coatings)	EA	2	0	0	2	0

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Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
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Left side view



Roadway view



Deck - Spans 1-3: Typical



Soffit - Span 2: Typical

Maintenance Needs

Date Reported: 06/20/2018
Priority: D- Routine
Type of Work: (Inactive) (Inactive) 1 - Clean
Status: Assigned
Component: Channel

Deficiency Description

Channel - Spans 1- 3: Small trees, bushes, vines, and other vegetation growing on and under bridge.

Remarks



Abutment - Bent 1 right (vegetation)



Endslope - Span 3 right (vegetation)



Vines and vegetation growing along side and under bridge.

Date Reported: 06/20/2018
Priority: (Inactive) (Inactive) G - General/ Preventive maintenance
Type of Work: Repair (General)
Status: Monitor
Component: Channel

Deficiency Description

End-slopes -

Span 1 left: Some erosion from outer ditch to between Bent 2 Piles 1 & 2.

Spans 2 & 3 left: Some erosion from abutment to between Bent 3 Piles 2 & 3.

Remarks



Span 2&3 left Erosion



Spans 1&2 left Erosion

Date Reported: 06/20/2018
Priority: (Inactive) (Inactive) G - General/ Preventive maintenance
Type of Work: Repair (General)
Status: Monitor
Component: Approach

Deficiency Description

Approach roadway - Bent 4 (south end): Some deterioration of roadway surface, leaving a couple of small potholes right along edge of bridge - especially in left (outer) lane.

Remarks





Asset #B6987(Routine)

US65-18 NB LM 0.33 over Coon Bayou

Location: 0.2 Mi S SH138-Winchester

Team Lead: Greg Loomis, Inspection Date: 07/21/2022

Date Reported: 06/20/2018
Priority: (Inactive) (Inactive) G - General/ Preventive maintenance
Type of Work: Repair (General)
Status: RepairDocumented
Component: Element

Deficiency Description

CORRECTED - Bent 1 joint seal has lost bond and leaking in small areas.

Remarks

07-21-2022 GGL-PRD: No areas of joint needing repair noted this inspection.

Date Reported: 07/21/2022
Priority: C - Important
Type of Work: Replace (General)
Status: Open
Component: Approach

Deficiency Description

Sign - Bent 4 left: Log mile signs missing - object marker and post in place.
Sign should read: 65-18
0.33

NOTE: Sign mounted on opposite end of parallel bridge is in place, but is unreadable (numbering has completely worn away).

Remarks



Log mile sign missing Bent 4 left



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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	



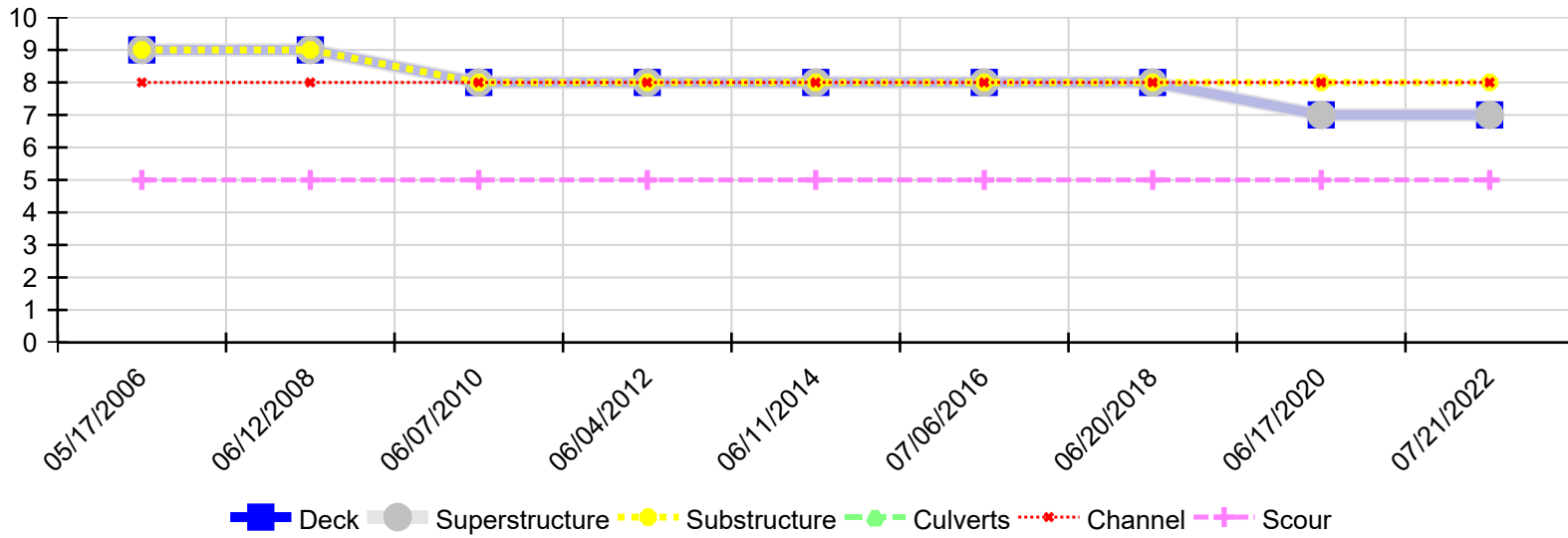
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Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
07/21/2022	7	7	8	N	8	5
06/17/2020	7	7	8	N	8	5
06/20/2018	8	8	8	N	8	5
07/06/2016	8	8	8	N	8	5
06/11/2014	8	8	8	N	8	5
06/04/2012	8	8	8	N	8	5
06/07/2010	8	8	8	N	8	5
06/12/2008	9	9	9	N	8	5
05/17/2006	9	9	9	N	8	5