



Latitude:33.69198, Longitude:-91.87298

Route:35 Section:07 Log:6.76

Arnold Road ID:22x35x7xA, Arnold Log mile:6.71

District 02, 43 - Drew County

Owner: 1 - State Highway Agency

Inspection Direction: 1 - N to S

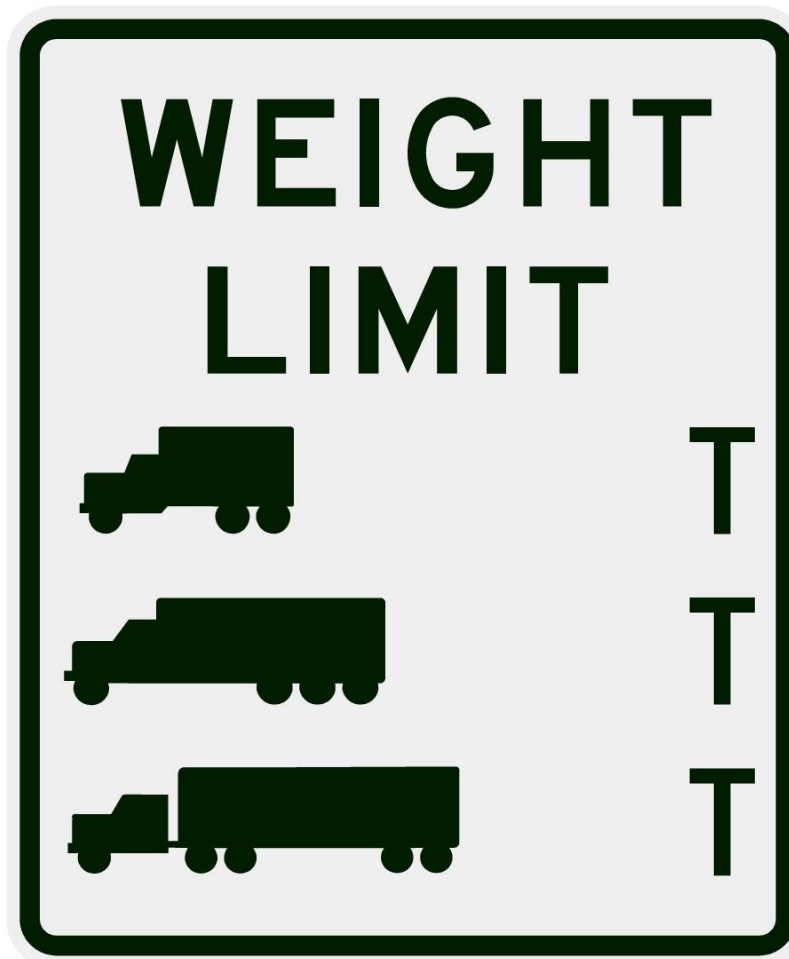
Bridge Posting Information

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

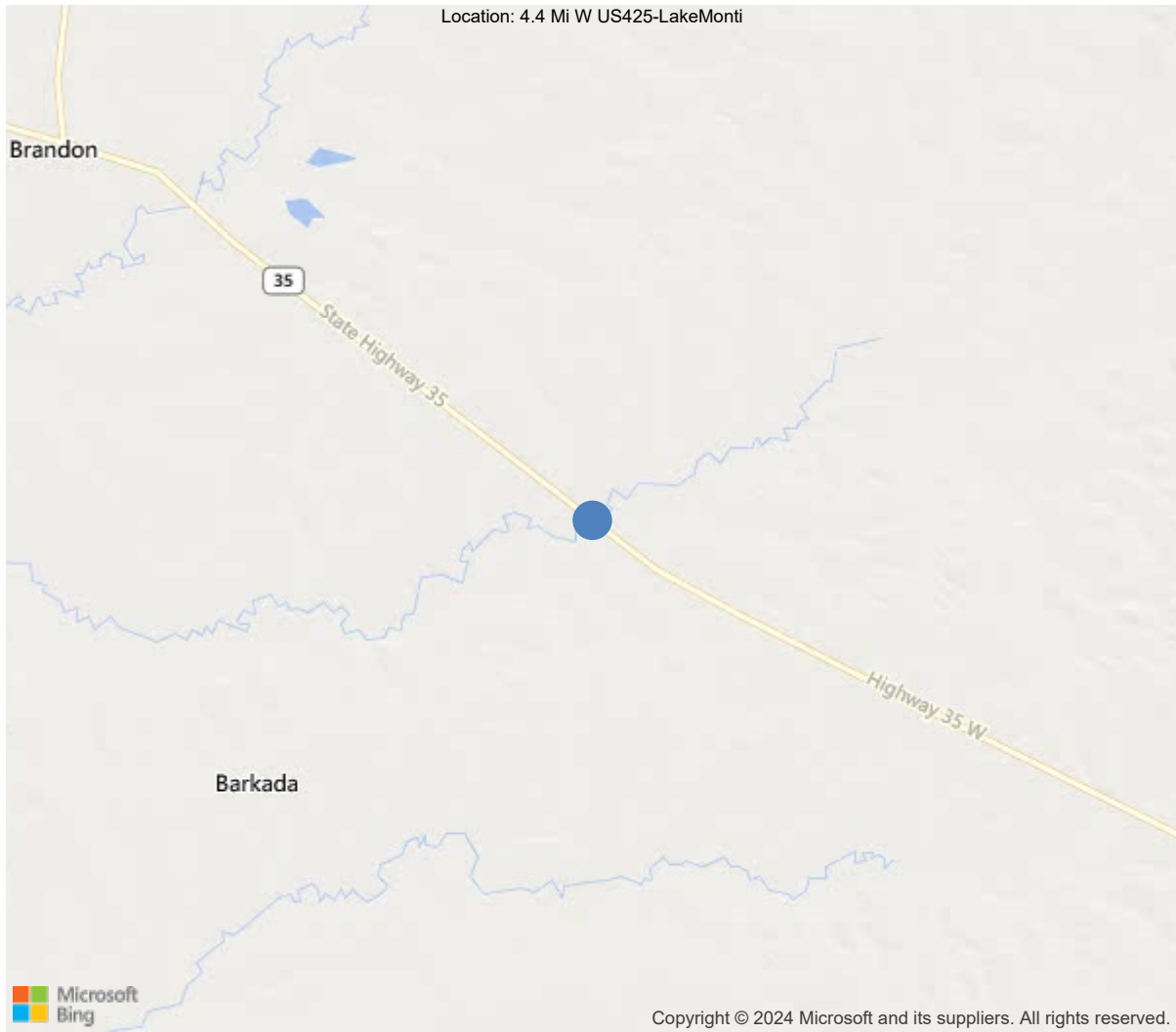
70 - Bridge Posting: 5 - Equal to or above legal loads

Legal Load	Calculated Capacity	Beginning of Bridge Sign Current Value	End of Bridge Sign Current Value
Code 4 (22 Tons)	40		
Code 9 (31 Tons)	47		
Code 5 (40 Tons)	56		

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



33.69198, -91.87298



Asset #06145(Routine)

SH 35-07 LM 6.76 over Hungerrun Creek

Location: 4.4 Mi W US425-LakeMonti

Team Lead: Sharon Hooks, Inspection Date: 06/09/2020

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	06145
(5) Inventory Route	1
(2) Highway Agency District	02 - District 02
(3) County Code	43 - Drew County
(4) Place Code	0
(6) Features Intersected	Hungerrun Creek
(7) Facility Carried	SH 35-07 LM 6.76
(9) Location	4.4 Mi W US425-LakeMonti
(11) Mile Point	6.76 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	33.6919812672235
(17) Longitude	-91.8729829667674
(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	4
(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	2000
(30) Year of ADT	2014
(109) Truck ADT	1 %
(19) Bypass, Detour Length	30 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	35 ft
(49) Structure Length	140 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	29.9 ft
(52) Deck Width Out to Out	32.8 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	31.2 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	7
(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	
(68) Deck Geometry	5
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	1 - Inspected feature meets current
(36B) Transitions	0 - Inspected feature does not meet
(36C) Approach Guardrail	0 - Inspected feature does not meet
(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	2745
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	06/09/2020		
(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.			



Asset #06145(Routine)

District: 02, County: 43 - Drew County

Team Lead: Sharon Hooks, Inspection Date: 06/09/2020

General Observation

Beginning of structure toward SH 530, Drew/Cleveland County Line, WestEnd.06-26-2006, Dropping UW inspection due to sub-str elements are not continuously submerged. Normal water depth appears less than 1 foot. Signs of short durations of high water events. No signs of channel scour up or down stream. Rock riprap on slopes at Abt's. NBI Items #60 and #61 will fairly represent all elements. RLW.06-28-2010, Notes Lake Monticello's levee dam is up stream of structure approximately 1.3 miles. RLW

A-46 - Asset Files

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ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
38	RC Slab	SF	4592	4542	50	0	0
1130	Cracking (RC and Other)	SF	50	0	50	0	0
(38) Deck: 32.8' wide x 140' long. Span 4: Scattered longitudinal cracking with diagonal crack @ Bent 5 right.							
215	Reinforced Concrete Abutment	LF	74	74	0	0	0
(215) Abutment: 37' each / Bents 1 & 5. Light staining from leaking joint seals.							
227	Reinforced Concrete Pile	EA	18	18	0	0	0
(227) Piling: 6 per bent / Bents 2-4.							
234	Reinforced Concrete Pier Cap	LF	96	96	0	0	0
(234) Caps: 32' each / Bents 2-4. Light staining from leaking joint seals.							
301	Pourable Joint Seal	LF	90	0	0	0	90
2320	Seal Adhesion	LF	90	0	0	0	90
(301) Joints: 30' each / Bents 2-4. Bents 2-4: Pourable joint material is intact but has lost adhesion in most places with some very light spalling of adjacent concrete.							
331	Reinforced Concrete Bridge Railing	LF	280	280	0	0	0
(331) Railing:140' each side.							

Location: 4.4 Mi W US425-LakeMonti

Team Lead: Sharon Hooks, **Inspection Date:** 06/09/2020

Deck

ELEMENTS		DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
38	RC Slab	SF	4592	4542	50	0	0	
1130	Cracking (RC and Other)	SF	50	0	50	0	0	
(38) Deck: 32.8' wide x 140' long. Span 4: Scattered longitudinal cracking with diagonal crack @ Bent 5 right.								



Asset #06145(Routine)

SH 35-07 LM 6.76 over Hungerrun Creek

Location: 4.4 Mi W US425-LakeMonti

Team Lead: Sharon Hooks, Inspection Date: 06/09/2020

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4

Location: 4.4 Mi W US425-LakeMonti

Team Lead: Sharon Hooks, **Inspection Date:** 06/09/2020

Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
215	Reinforced Concrete Abutment (215) Abutment: 37' each / Bents 1 & 5. Light staining from leaking joint seals.	LF	74	74	0	0	0
227	Reinforced Concrete Pile (227) Piling: 6 per bent / Bents 2-4.	EA	18	18	0	0	0
234	Reinforced Concrete Pier Cap (234) Caps: 32' each / Bents 2-4. Light staining from leaking joint seals.	LF	96	96	0	0	0



Elevation.



Approach.



Overview of soffit.



Deck overview.

Maintenance Needs

Date Reported: 06/12/2012

Priority: (Inactive) (Inactive) G - General/
Preventive maintenance

Status: Monitor

Type of Work: (Inactive) (Inactive) 0 - N/A

Component:

Deficiency Description

Joints - Bents 2-4: Pourable joint material is intact but has lost adhesion in most places with some very light spalling of adjacent concrete.

Remarks



Joint - Bent 2 : Loss of adhesion



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	

A-54 - Sealable Deck Cracks

A-55 - Deck Washing Needed

A-56 - Joint Cleaning/Flushing Needed



Asset #06145(Routine)

SH 35-07 LM 6.76 over Hungerrun Creek

Location: 4.4 Mi W US425-LakeMonti

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A-57 - Beam End and Bearing Painting 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



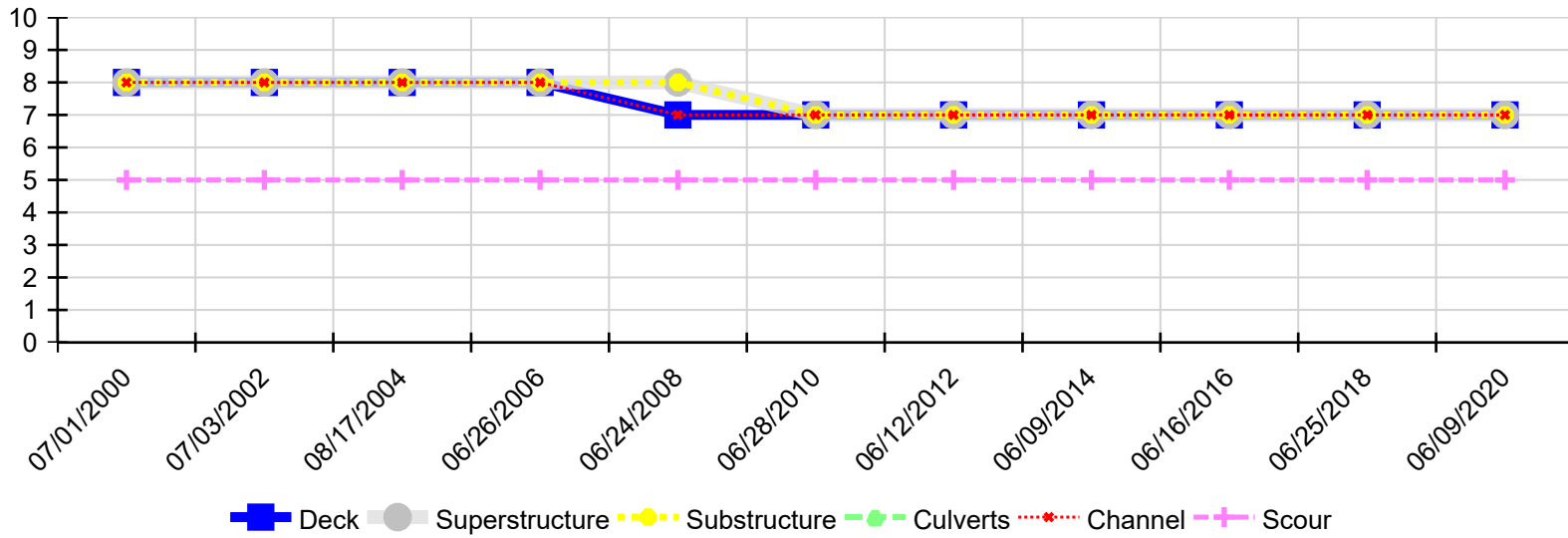
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Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
06/09/2020	7	7	7	N	7	5
06/25/2018	7	7	7	N	7	5
06/16/2016	7	7	7	N	7	5
06/09/2014	7	7	7	N	7	5
06/12/2012	7	7	7	N	7	5
06/28/2010	7	7	7	N	7	5
06/24/2008	7	8	8	N	7	5
06/26/2006	8	8	8	N	8	5
08/17/2004	8	8	8	N	8	5
07/03/2002	8	8	8	N	8	5
07/01/2000	8	8	8	N	8	5