



Latitude:35.78671, Longitude:-91.74795

Route:106 Section:01 Log:5.25

Arnold Road ID:32x106x1xA, Arnold Log mile:5.307

District 05, 63 - Independence County

Owner: 1 - State Highway Agency

Inspection Direction: 3 - E to W

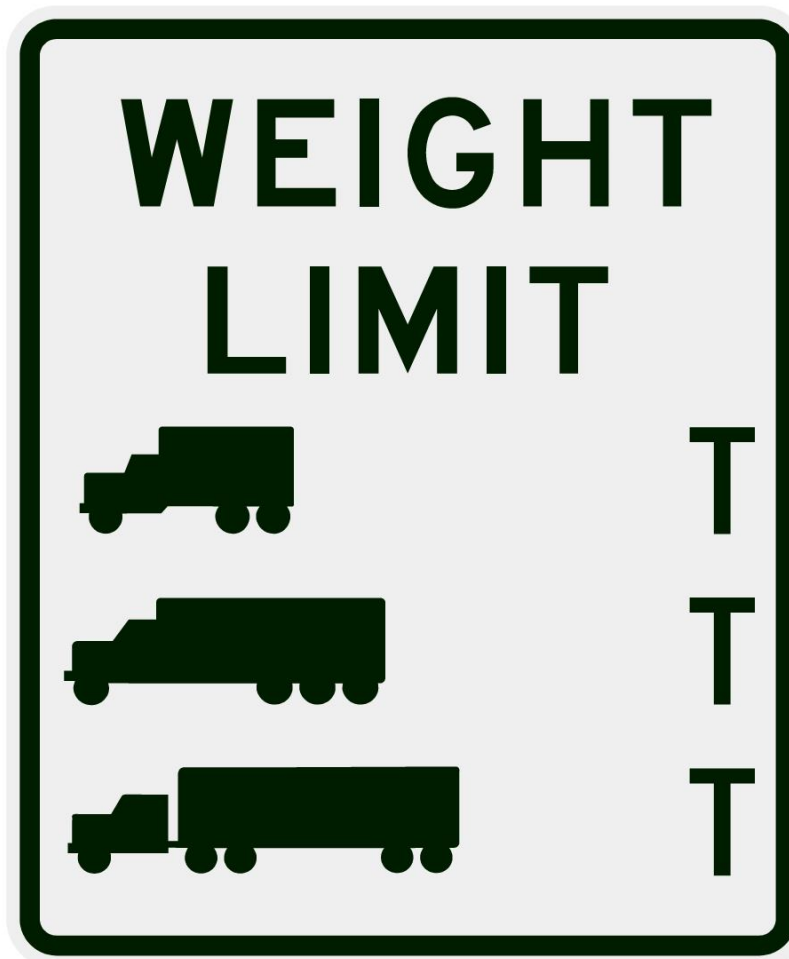
### Bridge Posting Information

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

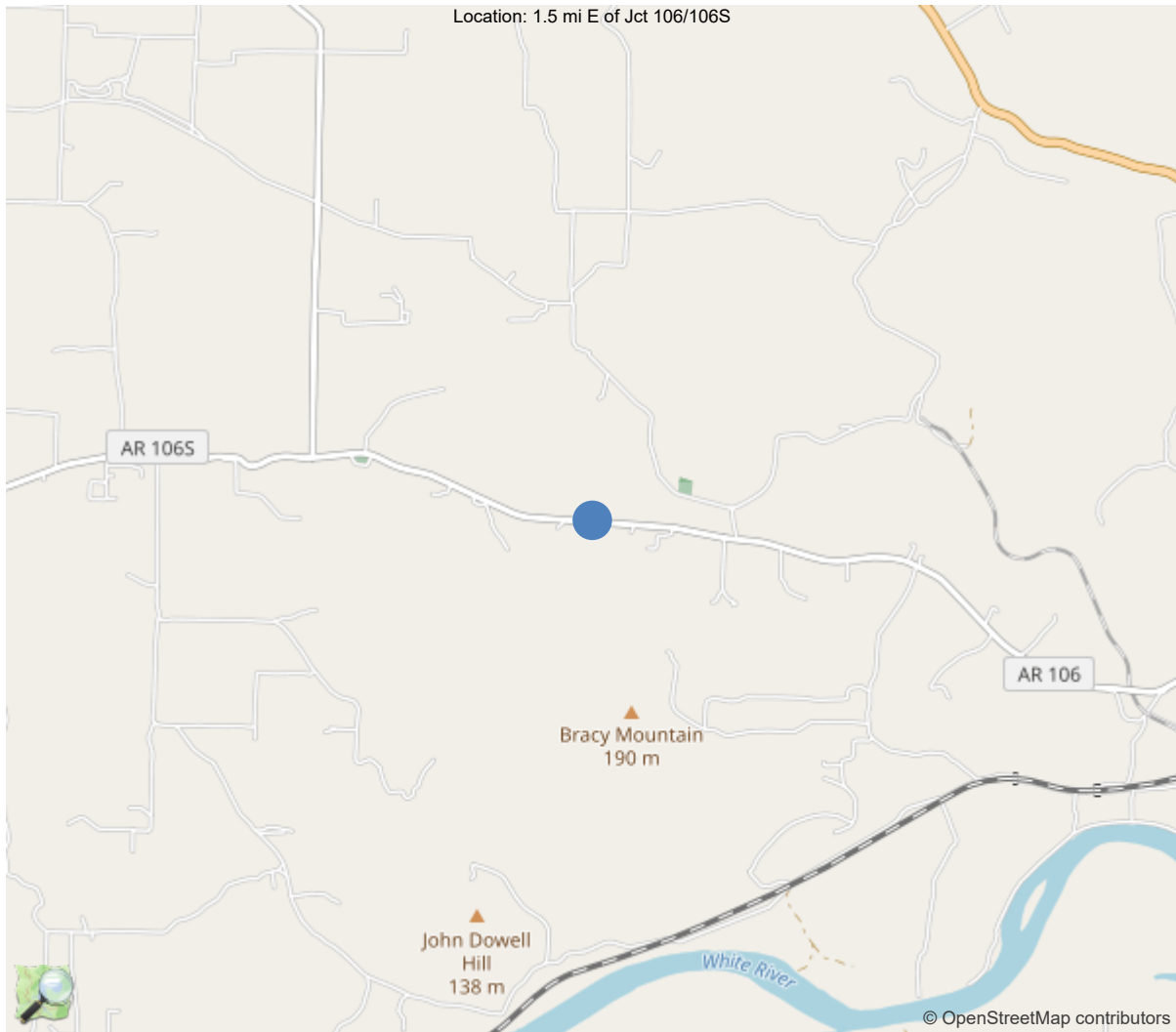
70 - Bridge Posting: 5 - Equal to or above legal loads

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)	50		
Code 5 (40 Tons)	60		

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



35.78671, -91.74795



Asset #07142(Routine)

SH 106/Indepen. Co over US Lime Haul Prvt Rd

Location: 1.5 mi E of Jct 106/106S

Team Lead: Nathan Edwards Inspection Date: 04/05/2023

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	07142
(5) Inventory Route	1
(2) Highway Agency District	05 - District 05
(3) County Code	63 - Independence County
(4) Place Code	0
(6) Features Intersected	US Lime Haul Prvt Rd
(7) Facility Carried	SH 106/Indepen. Co
(9) Location	1.5 mi E of Jct 106/106S
(11) Mile Point	5.25 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	35.7867145344227
(17) Longitude	-91.7479521213638
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	52
Material	5 - Prestressed concrete *
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	1
(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	2009
(106) Year Reconstructed	0
(42) Type of Service	11
On	1 - Highway
Under	1 - Highway, with or without pedestrian
(28) Lane	
On	2
Under	2
(29) Average Daily Traffic	1400
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	8 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	94 ft
(49) Structure Length	96.2 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	40 ft
(52) Deck Width Out to Out	40 ft
(32) Approach Roadway Width (W/Shoulders)	38.1 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	40 ft
(53) Min Vert Clear Over Bridge Rdwy	99.9 ft
(54) Min Vert Underclear	30.4 ft
Ref:	
(55) Min Lat Underclear RT	10 ft
Ref:	
(56) Min Lat Underclear LT	10 ft
NAVIGATION DATA	
(38) Navigation Control	N - Not applicable, no waterwa
(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	0
(26) Functional Class	7 - Rural Major Collector
(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	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	8
(60) Substructure	8
(61) Channel & Channel Protection	N
(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	7
(69) Clearances, Vertical/Horizontal	6
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	7
(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	N - Bridge not over waterway.
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	ft
(94) Bridge Improvement Cost	\$
(95) Roadway Improvement Cost	\$
(96) Total Project Cost	\$
(97) Year of Improvement Cost Estimate	
(114) Future ADT	1980
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	04/05/2023		
(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 #07142**(Routine)

**SH 106/Indepen. Co over US Lime Haul Prvt Rd**

**Location: 1.5 mi E of Jct 106/106S**

**Team Lead:** Nathan Edwards **Inspection Date:** 04/05/2023

**General Observation**

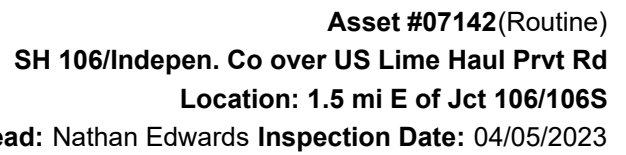
Elevation with Log Mile running to the Right.

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**A-51 - Inspection Direction (3 - E to W)**

Roadway with Log Mile running East to West.

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ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	4153	4151	2	0	0
1080	Delamination/Spall/Patched Area	SF	2	0	2	0	0
(12) Minor cracks to edge of deck. 2 minor spalls in Lt. lane.							
109	Prestressed Concrete Open Girder/Beam	LF	564	564	0	0	0
215	Reinforced Concrete Abutment	LF	86	86	0	0	0
301	Pourable Joint Seal	LF	86	86	0	0	0
310	Elastomeric Bearing	EA	12	12	0	0	0
331	Reinforced Concrete Bridge Railing	LF	192	167	25	0	0
1130	Cracking (RC and Other)	LF	25	0	25	0	0
(331) Minor cracks to concrete railing.							



Elevation with Log Mile running to the Right.



Roadway with Log Mile running East to West.



Asset #07142(Routine)

SH 106/Indepen. Co over US Lime Haul Prvt Rd

Location: 1.5 mi E of Jct 106/106S

Team Lead: Nathan Edwards Inspection Date: 04/05/2023

## 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 #07142(Routine)**

**SH 106/Indepen. Co over US Lime Haul Prvt Rd**

**Location: 1.5 mi E of Jct 106/106S**

**Team Lead: Nathan Edwards Inspection Date: 04/05/2023**

**A-57 - Girder End and Bearing Painting Needed**

**A-58 - Cap Cleaning/Flushing Needed**

**A-59 - Joint Repair Needed**

**A-60 - Full Girder 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**



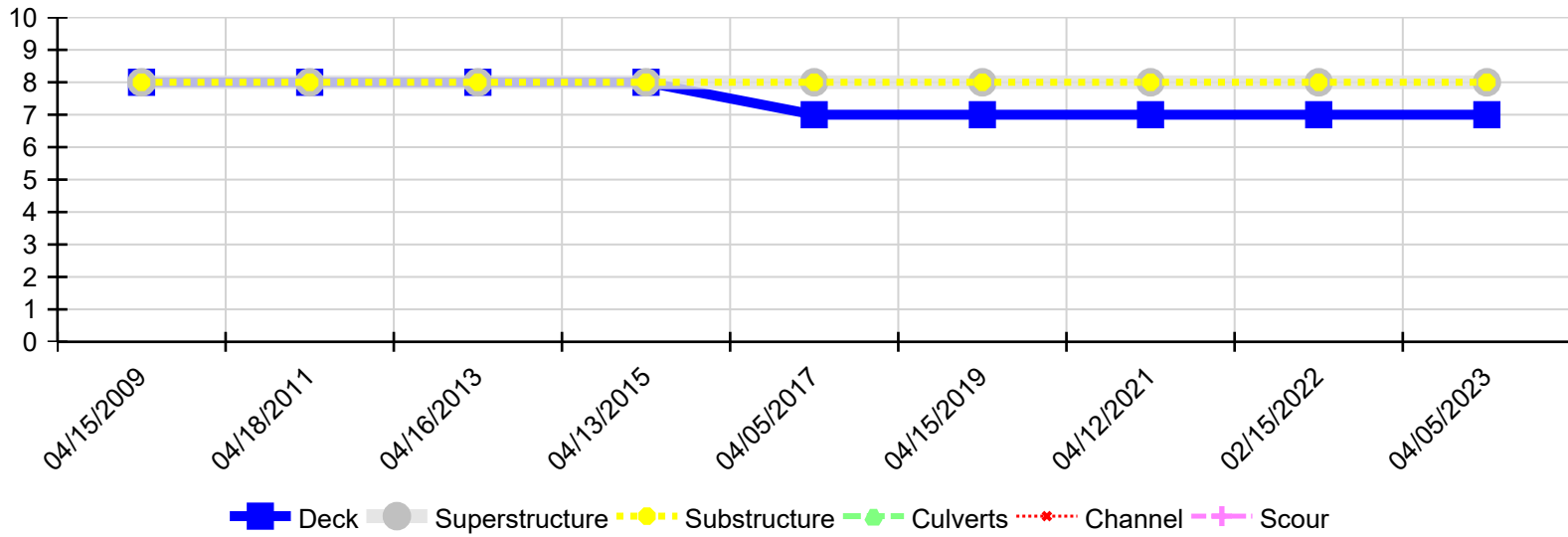
Asset #07142(Routine)

SH 106/Indepen. Co over US Lime Haul Prvt Rd

Location: 1.5 mi E of Jct 106/106S

Team Lead: Nathan Edwards Inspection Date: 04/05/2023

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
04/05/2023	7	8	8	N	N	N
02/15/2022	7	8	8	N	N	N
04/12/2021	7	8	8	N	N	N
04/15/2019	7	8	8	N	N	N
04/05/2017	7	8	8	N	N	N
04/13/2015	8	8	8	N	N	N
04/16/2013	8	8	8	N	N	N
04/18/2011	8	8	8	N	N	N
04/15/2009	8	8	8	N	N	N