



Latitude:34.56943, Longitude:-92.81129

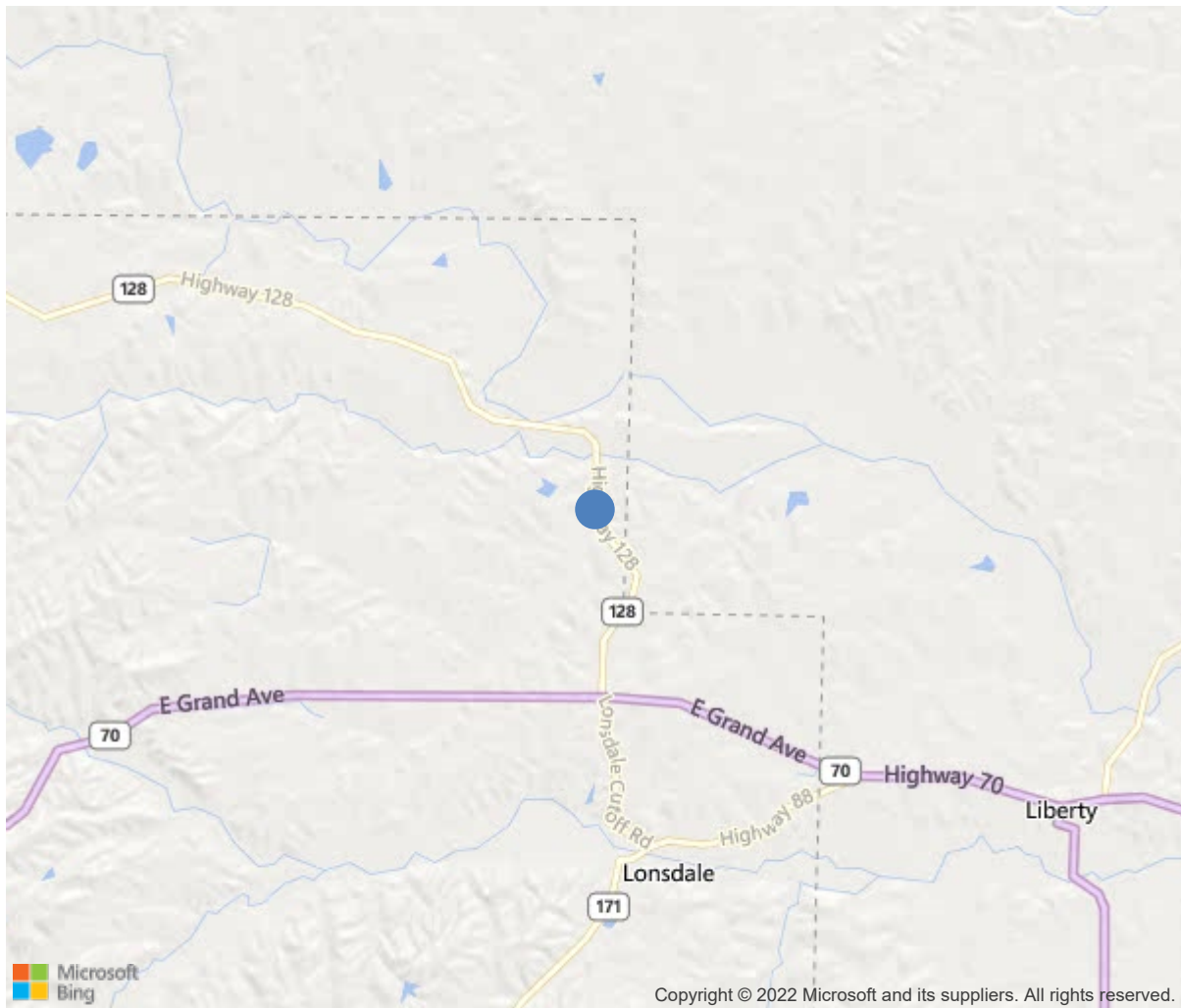
Route:128 Section:11 Log:1.04

Arnold Road ID:26x128x11xA, Arnold Log mile:1.045

District 06, Garland County

Owner: 1-State Highway Agency

1.10 MI W JCT US 70



34.56943, -92.81129



Bridge #06080(Routine)

SH 128 Log 1.04 over WILLIAMS CREEK

Location: 1.10 MI W JCT US 70

Team Lead: Keith Harris Inspection Date: October 12, 2021

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	06080
(5) Inventory Route	128
(2) Highway Agency District	06
(3) County Code	51-Garland County, Arkansas
(4) Place Code	0
(6) Features Intersected	WILLIAMS CREEK
(7) Facility Carried	SH 128 Log 1.04
(9) Location	1.10 MI W JCT US 70
(11) Mile Point	1.04 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	34.56943
(17) Longitude	-92.81129
(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	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 placed
Type of Membrane	0-None
Type of Deck Protection	0-None
AGE AND SERVICE	
(27) Year Built	1985
(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	1700
(30) Year of ADT	2014
(109) Truck ADT	1 %
(19) Bypass, Detour Length	12 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	36 ft
(49) Structure Length	105 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)	27.9 ft
(33) Bridge Median	0-No median
(34) Skew	55 Deg
(35) Structure Flared	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	0 ft
Ref:	
(56) Min Lat Underclear LT	0 ft
NAVIGATION DATA	
(38) Navigation Control	0-No navigation control on water
(111) Pier Protection	1-Navigation protection not requ
(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 a S
(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 part of
(20) Toll	3-On free road. The structure is toll-
(21) Maintain	1-State Highway Agency
(22) Owner	1-State Highway Agency
(37) Historical Significance	5-Bridge is not eligible for the NRHP
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	4-M 18 / H 20
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1-Load Factor(LF)
Rating	56
(65) Inventory Rating Method	1-Load Factor(LF)
(66) Inventory Rating	
Type	3
Rating	34
(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	8
(36A) Bridge Railings	1-Inspected feature meets currently a
(36B) Transitions	0-Inspected feature does not meet cur
(36C) Approach Guardrail	0-Inspected feature does not meet cur
(36D) Approach Guardrail Ends	0-Inspected feature does not meet cur
(113) Scour Critical Bridges	8-Bridge foundations determined to be
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	0
(114) Future ADT	2103
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date			10/2021
(91) Frequency			24 Months
(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.			



Bridge #06080(Routine)
SH 128 Log 1.04 over WILLIAMS CREEK
Location: 1.10 MI W JCT US 70

Team Lead: Keith Harris, **Inspection Date:** October 12, 2021

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
38	RC Slab	SF	3237	2880	325	32	0
1080	Delamination/Spall/Patched Area	SF	1	0	0	1	0
1090	Exposed Rebar	SF	1	0	0	1	0
1130	Cracking (RC and Other)	SF	355	0	325	30	0
(38)	Deck has large unsealed cracks. Bt. 2, span 2, left side of slab has a spall with exposed rebar, right side delam						
205	Reinforced Concrete Column	EA	6	4	2	0	0
1190	Abrasion/Wear (PSC/RC)	EA	2	0	2	0	0
(205)	Light abrasion on columns at ground level, Bt. 2 column 1, Bt. 3 column 3.						
215	Reinforced Concrete Abutment	LF	144	144	0	0	0
234	Reinforced Concrete Pier Cap	LF	108	107	1	0	0
1130	Cracking (RC and Other)	LF	1	0	1	0	0
(234)	Bent 3, crack on ahead side at column 3.						
301	Pourable Joint Seal	LF	98	0	98	0	0
2310	Leakage	LF	98	0	98	0	0
(301)	All joint seals have lost adhesion and are leaking						
331	Reinforced Concrete Bridge Railing	LF	210	199	11	0	0
1090	Exposed Rebar	LF	4	0	4	0	0
1130	Cracking (RC and Other)	LF	7	0	7	0	0



Elevation



Approach



Deck overview



Span 2 under view



Spall on left side of span 2 at bent 2.

Maintenance Needs

Date Reported: 10/27/2015
Priority: C - Important
Type of Work: None
Status: Monitor
Component:

Deficiency Description

Deck has large unsealed cracks

Remarks



Span 1, large diagonal crack.



Span 2, unsealed cracks perpendicular to the skew, up to 0.050".



Large transverse crack Span 3.



Deck cracks



Span 1, large diagonal crack. Up to 0.050"



Bridge #06080 (Routine)
SH 128 Log 1.04 over WILLIAMS CREEK
Location: 1.10 MI W JCT US 70

Team Lead: Keith Harris Inspection Date: October 12, 2021

Date Reported: 10/27/2015
Priority: C - Important
Type of Work: None
Status: Assigned
Component:

Deficiency Description

Approach roadway has settled at the west end of the bridge. Small potholes at the approaches.

Remarks

Assigned Garland Co 06261 11-3-15



West end of bridge, settled with small potholes.



Approach roadway has settled at the west end of the bridge.



Approach roadway



East end, failing patch in approach roadway.



Bridge #06080(Routine)
SH 128 Log 1.04 over WILLIAMS CREEK
Location: 1.10 MI W JCT US 70

Team Lead: Keith Harris **Inspection Date:** October 12, 2021



West end of bridge, settled with small potholes.



Bridge #06080(Routine)
SH 128 Log 1.04 over WILLIAMS CREEK

Location: 1.10 MI W JCT US 70

Team Lead: Keith Harris **Inspection Date:** October 12, 2021

Inspection Comments

job 60308 dwg 26805 approach going west

Channel Profile added 10/2021.