



Latitude:35.27077, Longitude:-91.90622

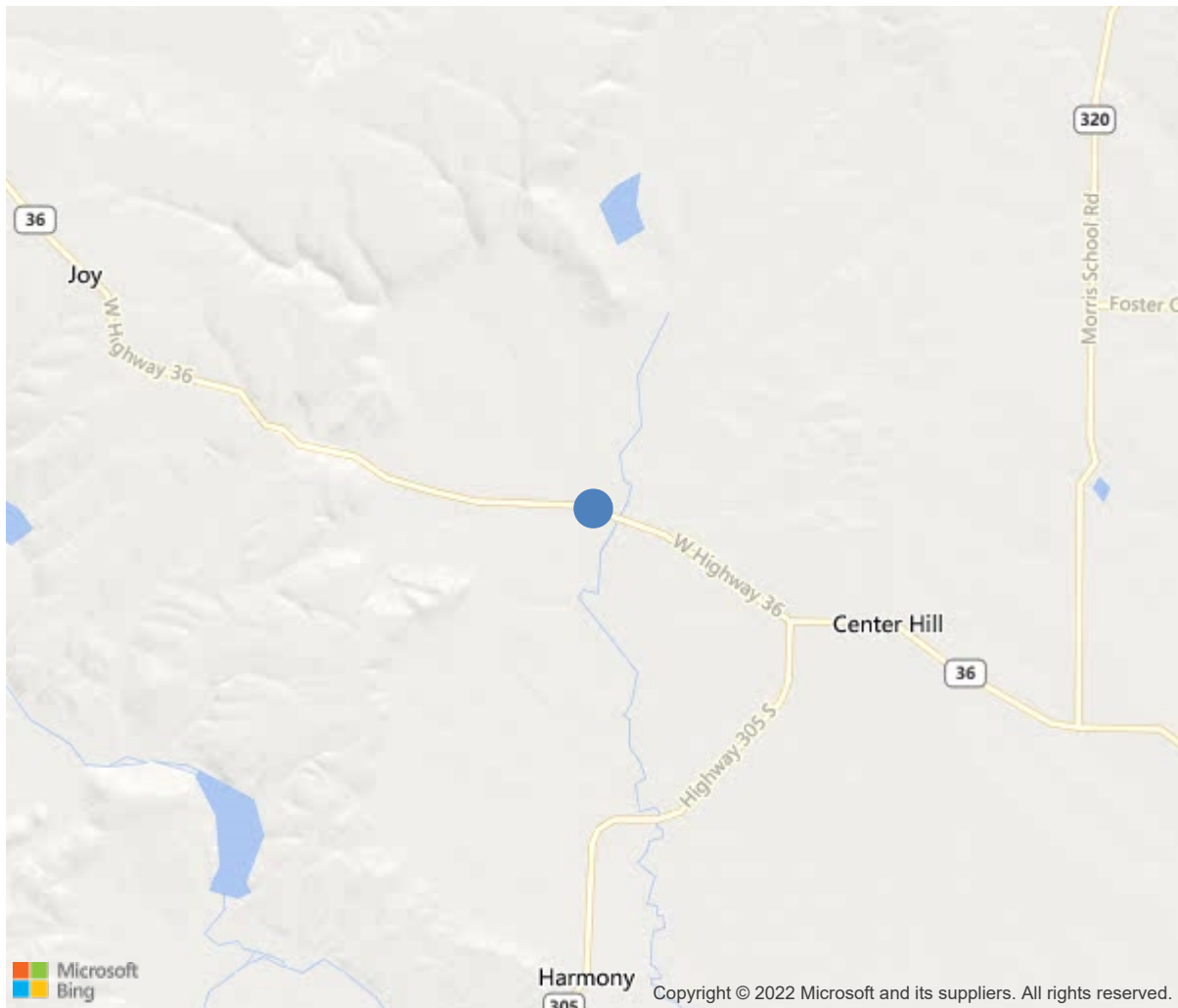
Route:36 Section:3 Log:11.347

Arnold Road ID:, Arnold Log mile:

District 05, White County

Owner: 1-State Highway Agency

1.40 Mi. W. Jct. SH 305



35.27077, -91.90622



Bridge #07429(Routine)
hwy 36 over West Hog Thief Creek
Location: 1.40 Mi. W. Jct. SH 305

Team Lead: Nathan Edwards Inspection Date: July 15, 2021

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	07429
(5) Inventory Route	36
(2) Highway Agency District	05
(3) County Code	145-White County, Arkansas
(4) Place Code	0
(6) Features Intersected	West Hog Thief Creek
(7) Facility Carried	hwy 36
(9) Location	1.40 Mi. W. Jct. SH 305
(11) Mile Point	11.347 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	
(16) Latitude	35.27077
(17) Longitude	-91.90622
(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 placed
Type of Membrane	0-None
Type of Deck Protection	0-None
AGE AND SERVICE	
(27) Year Built	2019
(106) Year Reconstructed	
(42) Type of Service	15
On	1-Highway
Under	5-Waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	6600
(30) Year of ADT	2019
(109) Truck ADT	9 %
(19) Bypass, Detour Length	32 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	40 ft
(49) Structure Length	101 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	42.5 ft
(52) Deck Width Out to Out	45.6 ft
(32) Approach Roadway Width (W/Shoulders)	32 ft
(33) Bridge Median	0-No median
(34) Skew	0 Deg
(35) Structure Flared	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	99.99 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 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	-
(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	-
CONDITION	
(58) Deck	7
(59) Superstructure	8
(60) Substructure	7
(61) Channel & Channel Protection	8
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	-
(63) Operating Rating Method	
(64) Operating Rating	
Type	-
Rating	
(65) Inventory Rating Method	-
(66) Inventory Rating	
Type	3
Rating	
(70) Bridge Posting	
(41) Structure Open/Posted/Closed	A-Open, no restriction
APPRAISAL	
(67) Structural Evaluation	
(68) Deck Geometry	
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	6
(36A) Bridge Railings	1-Inspected feature meets currently a
(36B) Transitions	1-Inspected feature meets currently a
(36C) Approach Guardrail	1-Inspected feature meets currently a
(36D) Approach Guardrail Ends	1-Inspected feature meets currently a
(113) Scour Critical Bridges	-
PROPOSED IMPROVEMENTS	
(75) Type of Work	Replacement of bridge or other
(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	9400
(115) Year of Future ADT	2039

INSPECTIONS *			
(90) Inspection Date			07/2021
(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.			

Team Lead: Nathan Edwards, **Inspection Date:** July 15, 2021

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	4612	4567	45	0	0
1130 (12)	Cracking (RC and Other) Longitudinal cracking to deck @ Abutments 1 & 2.	SF	45	0	45	0	0
107	Steel Open Girder/Beam	LF	500	500	0	0	0
515	Steel Protective Coating	SF	3060	3060	0	0	0
205	Reinforced Concrete Columnn	EA	6	6	0	0	0
215	Reinforced Concrete Abutment	LF	139	133	6	0	0
1120 (215)	Efflorescence/Rust Staining Efflorescent cracking to Abutments.	LF	6	0	6	0	0
234	Reinforced Concrete Pier Cap	LF	89	89	0	0	0
301	Pourable Joint Seal	LF	255	255	0	0	0
310	Elastomeric Bearing	EA	10	10	0	0	0
515	Steel Protective Coating	SF	30	30	0	0	0
321	Reinforced Concrete Approach Slab	SF	1752	1728	24	0	0
1130 (321)	Cracking (RC and Other) Transverse cracking to deck @ Approach Span 2.	SF	24	0	24	0	0
331	Reinforced Concrete Bridge Railing	LF	202	194	8	0	0
1130 (331)	Cracking (RC and Other) Vertical cracking to parapets.	LF	8	0	8	0	0



Roadway with Log Mile running West to East.



Bridge #07429(Routine)
hwy 36 over West Hog Thief Creek
Location: 1.40 Mi. W. Jct. SH 305

Team Lead: Nathan Edwards **Inspection Date:** July 15, 2021

Inspection Comments

Elevation with Log Mile running to the Left.