



Latitude:33.97954, Longitude:-93.12338

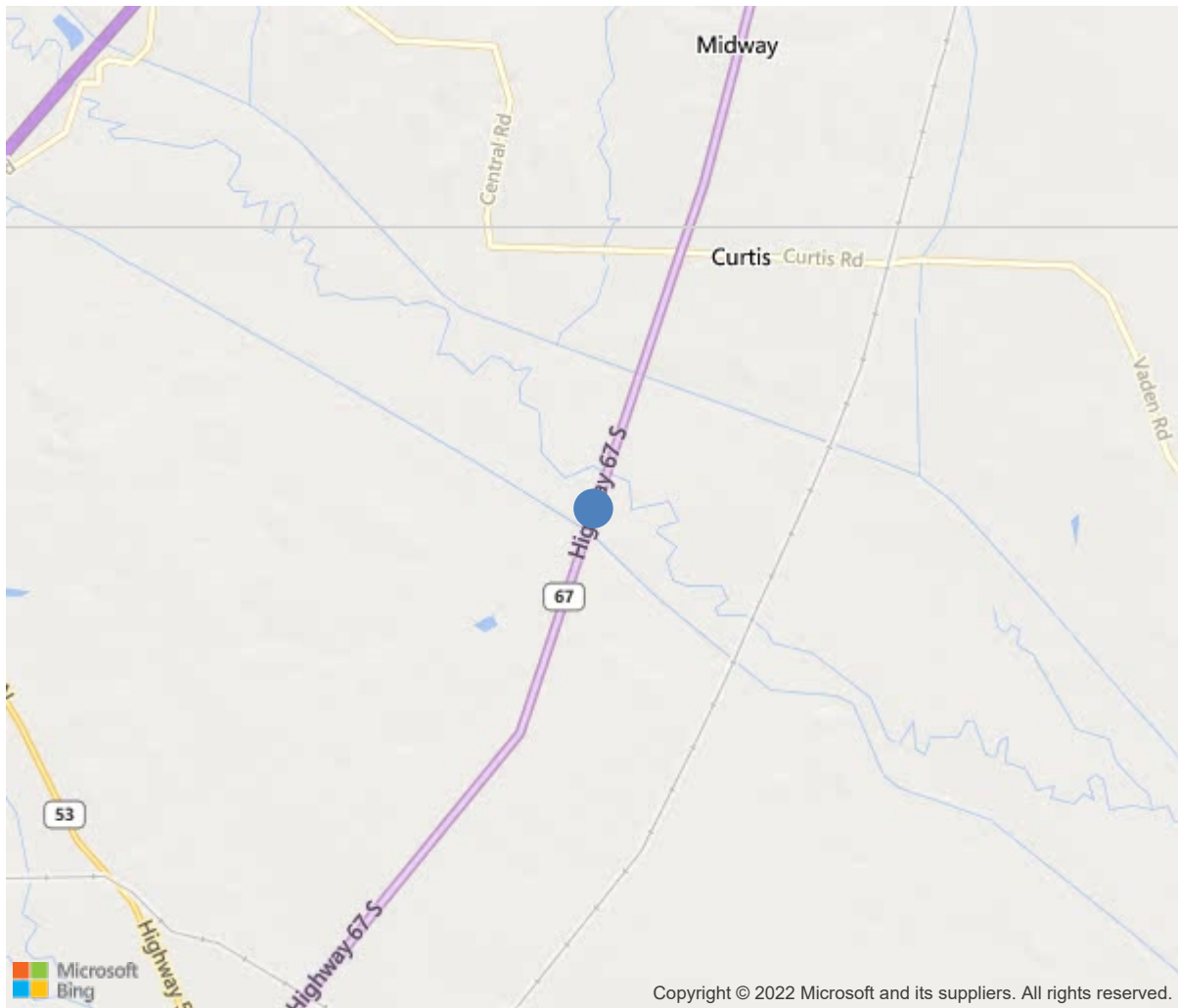
Route:67 Section:05 Log:4.58

Arnold Road ID:10x67x5xA, Arnold Log mile:4.582

District 07, Clark County

Owner: 1-State Highway Agency

3.5 Mi. N Jct SH 53



33.97954, -93.12338

Inspection Direction : S to N



Bridge #07327(Routine, Underwater type 2)

US 67 S-5 LM 4.58 over Terre Noir Relief

Location: 3.5 Mi. N Jct SH 53

Team Lead: Rickie Bratton Inspection Date: December 16, 2020

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	07327
(5) Inventory Route	67
(2) Highway Agency District	07
(3) County Code	19-Clark County, Arkansas
(4) Place Code	0
(6) Features Intersected	Terre Noir Relief
(7) Facility Carried	US 67 S-5 LM 4.58
(9) Location	3.5 Mi. N Jct SH 53
(11) Mile Point	4.58 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	
(16) Latitude	33.97954
(17) Longitude	-93.12338
(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	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 placed
Type of Membrane	N-Not applicable (applies only to structur
Type of Deck Protection	N-Not applicable (applies only to structur
AGE AND SERVICE	
(27) Year Built	2016
(106) Year Reconstructed	
(42) Type of Service	15
On	1-Highway
Under	5-Waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	3900
(30) Year of ADT	2014
(109) Truck ADT	12 %
(19) Bypass, Detour Length	2 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	67 ft
(49) Structure Length	240 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	43.1 ft
(32) Approach Roadway Width (W/Shoulders)	43 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	41.4 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	1
(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	8
(59) Superstructure	9
(60) Substructure	9
(61) Channel & Channel Protection	9
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	A-HL93
(63) Operating Rating Method	3
(64) Operating Rating	
Type	3-Load and Resistance Factor(LRFR)
Rating	60
(65) Inventory Rating Method	3-Load and Resistance Factor(LRF
(66) Inventory Rating	
Type	4
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	9
(68) Deck Geometry	6
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	7
(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	5-Bridge foundations determined to be
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	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	5500
(115) Year of Future ADT	2034

INSPECTIONS *			
(90) Inspection Date			12/2020
(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 #07327(Routine, Underwater type 2)

US 67 S-5 LM 4.58 over Terre Noir Relief

Location: 3.5 Mi. N Jct SH 53

Team Lead: Rickie Bratton, **Inspection Date:** December 16, 2020

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	9600	9240	360	0	0
1130	Cracking (RC and Other)	SF	971	611	360	0	0
107	Steel Open Girder/Beam	LF	1190	1190	0	0	0
515	Steel Protective Coating	SF	10512	10512	0	0	0
215	Reinforced Concrete Abutment	LF	87	87	0	0	0
227	Reinforced Concrete Pile	EA	15	15	0	0	0
234	Reinforced Concrete Pier Cap	LF	130	130	0	0	0
301	Pourable Joint Seal	LF	130	130	0	0	0
310	Elastomeric Bearing	EA	25	25	0	0	0
331	Reinforced Concrete Bridge Railing	LF	480	440	40	0	0
1130	Cracking (RC and Other)	LF	40	0	40	0	0



Soffit



Small longitudinal cracks 0.020



Small transverse cracks



Deck overview



Approach roadway



Profile



Joint material at abutment 1



Underside



Roadway



Deck



Bridge #07327(Routine, Underwater type 2)

US 67 S-5 LM 4.58 over Terre Noir Relief

Location: 3.5 Mi. N Jct SH 53

Team Lead: Rickie Bratton **Inspection Date:** December 16, 2020

Inspection Comments

JPR 12/12/2018 This structure is logged South to north.