



Latitude:35.79453, Longitude:-91.39769

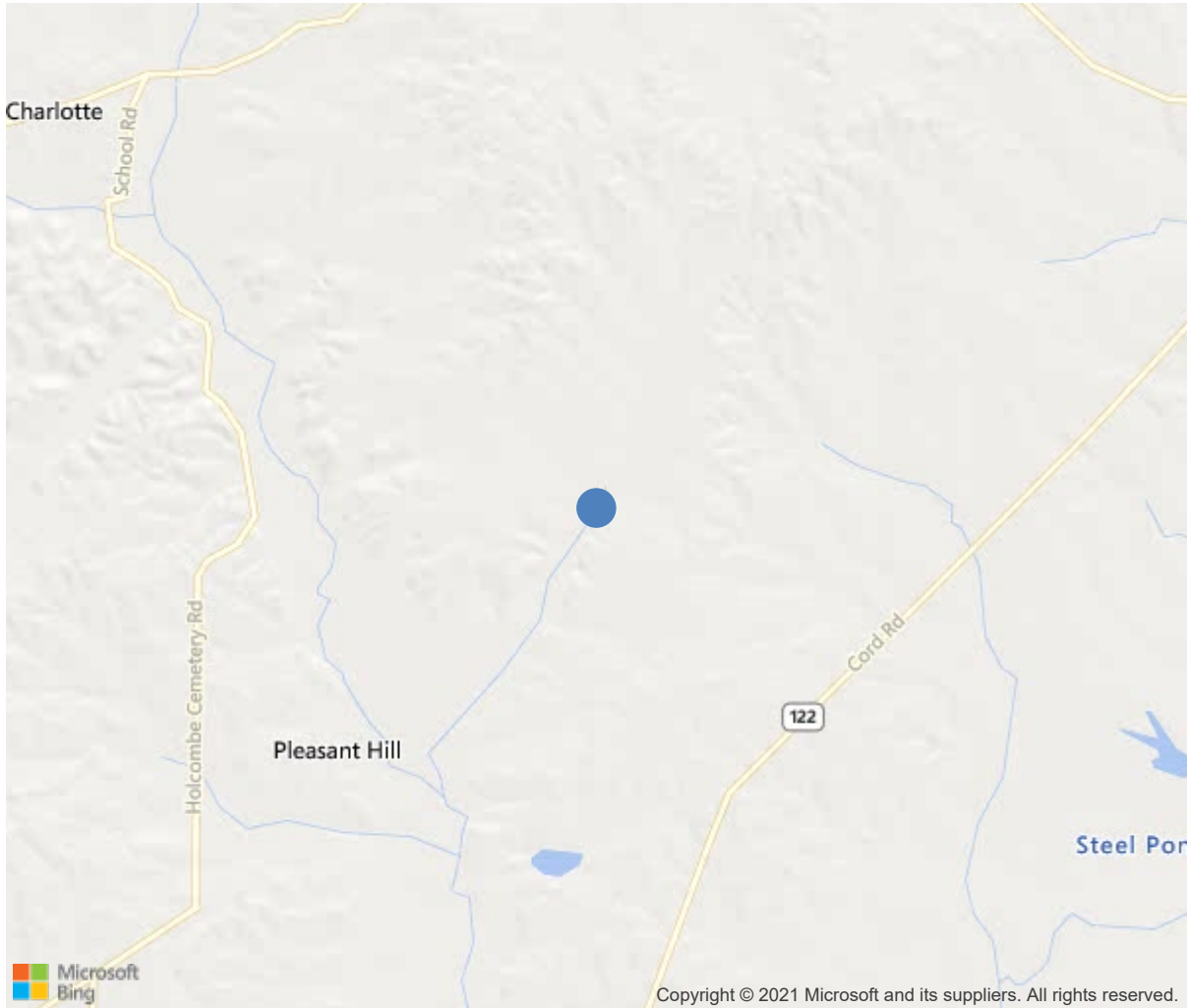
Route:70 Section:00 Log:0.15

Arnold Road ID:32xWPARDx0xA, Arnold Log mile:1.973

District 05, Independence County

Owner: 2-County Highway Agency

1.9 MI W SH 122



35.79453, -91.39769



**Bridge #20917(Routine)**  
**CR70/Independ. Co. over BAKER BRANCH**  
**Location: 1.9 MI W SH 122**

**Team Lead: Nathan Edwards Inspection Date: February 03, 2021**

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	20917
(5) Inventory Route	70
(2) Highway Agency District	05
(3) County Code	63-Independence County, Arkansas
(4) Place Code	0
(6) Features Intersected	BAKER BRANCH
(7) Facility Carried	CR70/Independ. Co.
(9) Location	1.9 MI W SH 122
(11) Mile Point	0.15 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	35.7945277777778
(17) Longitude	-91.3976944444444
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	122
Material	1-Concrete
Type	22-Channel beam
(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	2-Concrete Precast Panels
(108) Wearing Surface/Protective System	
Type of Wearing Surface	6-Bituminous
Type of Membrane	0-None
Type of Deck Protection	0-None
AGE AND SERVICE	
(27) Year Built	1990
(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	51
(30) Year of ADT	1987
(109) Truck ADT	1 %
(19) Bypass, Detour Length	1 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	31 ft
(49) Structure Length	31 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	20 ft
(52) Deck Width Out to Out	20.6 ft
(32) Approach Roadway Width (W/Shoulders)	18 ft
(33) Bridge Median	0-No median
(34) Skew	10 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	20 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	9-Rural Local
(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	2-County Highway Agency
(22) Owner	2-County Highway Agency
(37) Historical Significance	4-Historical significance is not dete
CONDITION	
(58) Deck	7
(59) Superstructure	7
(60) Substructure	5
(61) Channel & Channel Protection	5
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	0-Other or Unknown
(63) Operating Rating Method	2
(64) Operating Rating	
Type	2-Allowable Stress(AS)
Rating	50
(65) Inventory Rating Method	2-Allowable Stress(AS)
(66) Inventory Rating	
Type	1
Rating	30
(70) Bridge Posting	5-Equal to or above legal loads
(41) Structure Open/Posted/Closed	A-Open, no restriction
APPRAISAL	
(67) Structural Evaluation	6
(68) Deck Geometry	5
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	7
(36A) Bridge Railings	0-Inspected feature does not meet cur
(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	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	67
(115) Year of Future ADT	2007

INSPECTIONS *			
(90) Inspection Date			02/2021
(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.			





Roadway with Log Mile running West to East.

## Maintenance Needs

**Date Reported:** 02/07/2011  
**Priority:** C - Important  
**Type of Work:** N/A  
**Status:** Monitor  
**Component:**

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## Deficiency Description

Span 1  
Units 1 thru 6 are not bolted together.

## Remarks

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Units are not transversely bolted together.



**Date Reported:** 02/07/2011  
**Priority:** C - Important  
**Type of Work:** N/A  
**Status:** Monitor  
**Component:**

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**Deficiency Description**

Span 1  
Bridge rail is missing on Left & Right sides.

**Remarks**

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Bridge rail is missing on Left side.



Bridge rail is missing on Right side.

**Date Reported:** 02/07/2011  
**Priority:** C - Important  
**Type of Work:** N/A  
**Status:** Monitor  
**Component:**

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**Deficiency Description**

Abutment 1  
Scoured 1' below bottom of footing & 2' back under.

**Remarks**

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Scoured 1' below bottom of footing & 2' back under  
@ Abutment 1.



Abutment 1  
Scoured 1' below bottom of footing & 2' back  
under.





Bridge #20917(Routine)  
CR70/Independ. Co. over BAKER BRANCH  
Location: 1.9 MI W SH 122

Team Lead: Nathan Edwards Inspection Date: February 03, 2021

Date Reported: 02/07/2011  
Priority: C - Important  
Type of Work: N/A  
Status: Monitor  
Component:

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#### Deficiency Description

Abutment 2  
Scoured 1.5' below top of footing for full length & 6" below bottom of footing & 6" back under at Left end.

#### Remarks

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Scour @ Abutment 2.





Bridge #20917 (Routine)  
CR70/Independ. Co. over BAKER BRANCH  
Location: 1.9 MI W SH 122

Team Lead: Nathan Edwards Inspection Date: February 03, 2021

### Inspection Comments

Elevation with Log Mile running to the Right.

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### Deck Notes

A few spalls to ends of units @ Abutments 1 & 2.  
Timber railing has been removed and/or broken off of bridge.

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### Superstructure Notes

A few minor spalls to girders.  
Units are not transversely bolted together.

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### Substructure Notes

Scoured 1' below bottom of footing & 2' back under to Right end of Abutment 1.  
Scoured 1.5' below top of footing Left end of Abutment 2.