



Latitude:35.01962, Longitude:-92.33274

Route:51 Section:00 Log:4.819

Arnold Road ID:23xCLINTONRDx1xA, Arnold Log mile:0.732

District 08, Faulkner County

Owner: 2-County Highway Agency

0.75 MI SO SH 286



35.01962, -92.33274



**Bridge #23132(Routine)**  
**Clinton Rd over Panther Creek**  
**Location: 0.75 MI SO SH 286**

**Team Lead: William Wood Inspection Date: August 18, 2020**

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	23132
(5) Inventory Route	51
(2) Highway Agency District	08
(3) County Code	45-Faulkner County, Arkansas
(4) Place Code	0
(6) Features Intersected	Panther Creek
(7) Facility Carried	Clinton Rd
(9) Location	0.75 MI SO SH 286
(11) Mile Point	4.819 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	35.01962
(17) Longitude	-92.33274
(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	1-Monolithic Concrete (concurrently placed
Type of Membrane	0-None
Type of Deck Protection	0-None
AGE AND SERVICE	
(27) Year Built	2008
(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	471
(30) Year of ADT	1987
(109) Truck ADT	1 %
(19) Bypass, Detour Length	12 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	28 ft
(49) Structure Length	31 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	27.2 ft
(52) Deck Width Out to Out	28.3 ft
(32) Approach Roadway Width (W/Shoulders)	27.9 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	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	2-County Highway Agency
(22) Owner	2-County Highway Agency
(37) Historical Significance	4-Historical significance is not dete
CONDITION	
(58) Deck	6
(59) Superstructure	6
(60) Substructure	7
(61) Channel & Channel Protection	7
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	0-Other or Unknown
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1-Load Factor(LF)
Rating	53
(65) Inventory Rating Method	1-Load Factor(LF)
(66) Inventory Rating	
Type	1
Rating	32
(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	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	ft
(94) Bridge Improvement Cost	\$
(95) Roadway Improvement Cost	\$
(96) Total Project Cost	\$
(97) Year of Improvement Cost Estimate	
(114) Future ADT	683
(115) Year of Future ADT	2007

INSPECTIONS *			
(90) Inspection Date			08/2020
(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.			





Inventory.



Typical deck.



Typical undersurface.



## Maintenance Needs

**Date Reported:** 08/19/2020  
**Priority:** D- Routine  
**Type of Work:** Repair  
**Status:** Open  
**Component:** Superstructure

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## Deficiency Description

BEAMS - MINOR TO MODERATE VERTICAL CRACKING W / EFFLOR. IN LEGS OF BEAMS.

## Remarks

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Typical cracking in legs of beams.

**Team Lead:** William Wood **Inspection Date:** August 18, 2020

**Date Reported:** 08/19/2020  
**Priority:** C - Important  
**Type of Work:** Repair  
**Status:** Open  
**Component:** Channel

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**Deficiency Description**

CHANNEL - MINOR TO MODERATE SCOUR AT ABUTMENTS 1 & 2.  
SCOUR APPROX. 6" BELOW & 1' UNDER ABUTMENT 1 RT. SIDE & ABUTMENT 2 LT. SIDE.

**Remarks**

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Typical scour at abutments.

**Date Reported:** 08/19/2020  
**Priority:** D- Routine  
**Type of Work:** Repair  
**Status:** Open  
**Component:** Deck

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**Deficiency Description**

DECK - MINOR CRACKING & SPALLING IN & AROUND JOINTS ON BEAMS 3, 4, 5 & 6.

**Remarks**

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Typical spalling at beam joints.



Typical grout missing at beam 3 - 5 joints.





**Bridge #23132**(Routine)  
**Clinton Rd over Panther Creek**  
**Location: 0.75 MI SO SH 286**

**Team Lead:** William Wood **Inspection Date:** August 18, 2020

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#### **Deck Notes**

MINOR CRACKING & SPALLING IN & AROUND JOINTS ON BEAMS 3, 4, 5 & 6.

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#### **Superstructure Notes**

8 BEAM R/C CHANNEL BEAM - MINOR TO MODERATE VERTICAL CRACKING W / EFFLOR. IN LEGS OF BEAMS.  
BEAMS ARE TRANS BOLTED.

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#### **Substructure Notes**

ABUTMENTS - GOOD. MINOR SCOUR AT ABUTMENTS.