



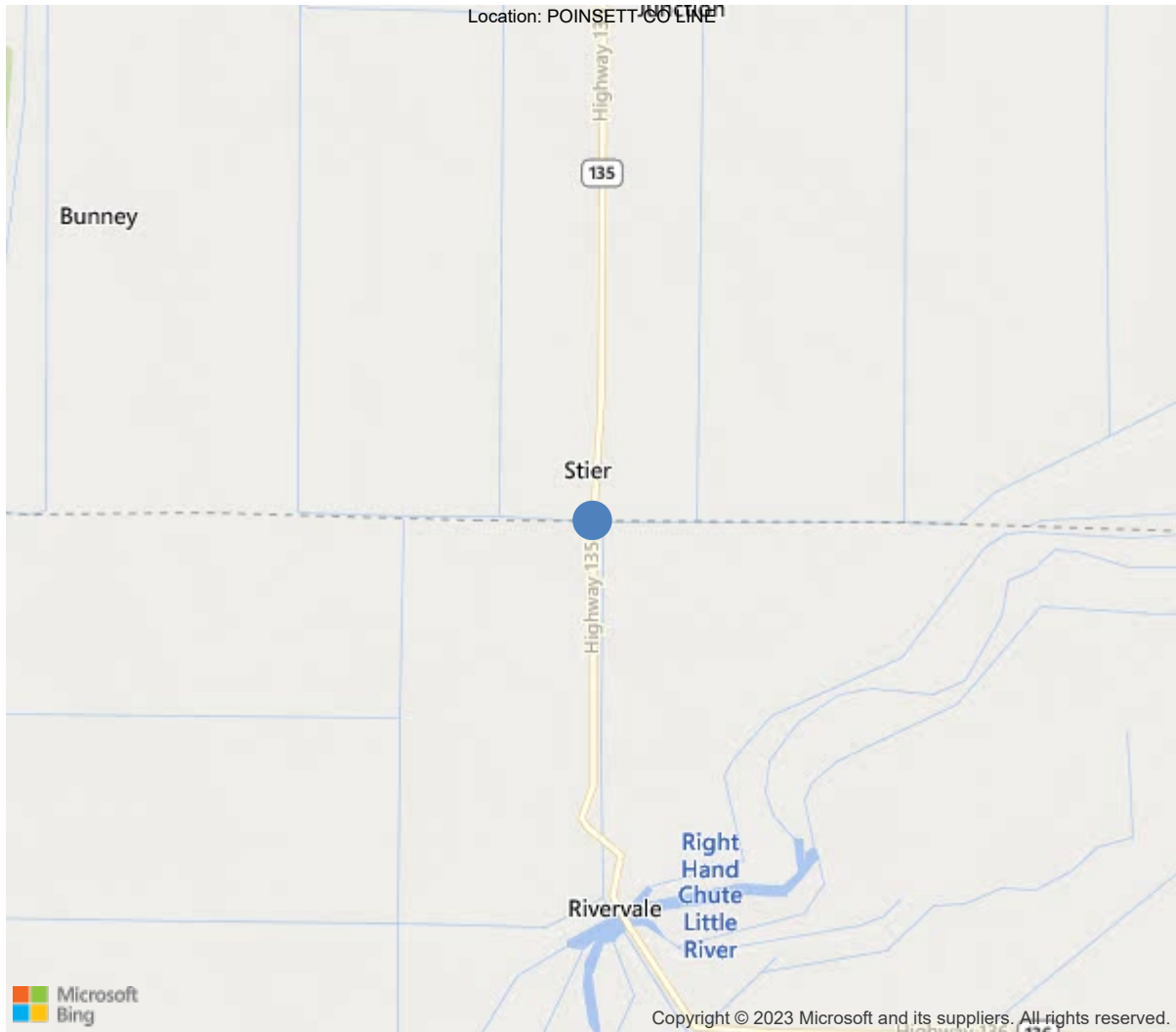
Latitude:35.70059, Longitude:-90.34116

Route:135 Section:02 Log:0.001

Arnold Road ID:56x135x1xA, Arnold Log mile:17.216

District 10, 31 - Craighead County

Owner: 1 - State Highway Agency



35.70059, -90.34116



Asset #02907(Routine)

SH 135-02- LM 0.01 over DITCH NO 1

Location: POINSETT CO LINE

Team Lead: James Adams, Inspection Date: 11/14/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	02907
(5) Inventory Route	1
(2) Highway Agency District	10 - District 10
(3) County Code	31 - Craighead County
(4) Place Code	0
(6) Features Intersected	DITCH NO 1
(7) Facility Carried	SH 135-02- LM 0.01
(9) Location	POINSETT CO LINE
(11) Mile Point	0.001 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000135020
(16) Latitude	35.70059
(17) Longitude	-90.34116
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	32
Material	3 - Steel
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	6 - Bituminous
Type of Membrane	0 - None
Type of Deck Protection	0 - None
AGE AND SERVICE	
(27) Year Built	1954
(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	1500
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	4 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	35 ft
(49) Structure Length	107.1 ft
(50) Curb or Sidewalk Width	
Left	1.3 ft
Right	1.3 ft
(51) Bridge Roadway Width Curb to Curb	24 ft
(52) Deck Width Out to Out	28.5 ft
(32) Approach Roadway Width (W/Shoulders)	25.9 ft
(33) Bridge Median	0 - No median
(34) Skew	0 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	24 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 w
(111) Pier Protection	5 - None present but re-evalua
(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	6 - Rural Minor Arterial
(100) Defense Highway	0 - The inventory route is not
(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
(20) Toll	3 - On free road. The structure
(21) Maintain	1 - State Highway Agency
(22) Owner	1 - State Highway Agency
(37) Historical Significance	5 - Bridge is not eligible for
CONDITION	
(58) Deck	6
(59) Superstructure	4
(60) Substructure	5
(61) Channel & Channel Protection	6
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	2 - M 13.5 / H 15
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1 - Load Factor(LF)
Rating	13
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	8
(70) Bridge Posting	0 - > 39.9% below
(41) Structure Open/Posted/Closed	P - Posted for load (may include
APPRAISAL	
(67) Structural Evaluation	3
(68) Deck Geometry	4
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	0 - Inspected feature does not meet
(36B) Transitions	0 - Inspected feature does not meet
(36C) Approach Guardrail	0 - Inspected feature does not meet
(36D) Approach Guardrail Ends	0 - Inspected feature does not meet
(113) Scour Critical Bridges	5 - Bridge foundations determined to
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	1745
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	11/14/2022		
(91) Frequency	12		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection			
* 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.			



**58 - Deck** (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Metal bridge rails have surface rust.

Approach roadways have some settlement, especially south end (Bent 1).

Wearing surface has a few transverse and longitudinal cracks, areas of map cracking, and a few patched or delaminated areas.

Spans 2 & 3 southbound lanes have areas of spalling & broken asphalt.

Bridge rail posts have minor cracks and spalls with some exposed rebar.

Bent 1 left overhang is cracked & spalled at bottom of 1st post.

Concrete soffit has a few minor cracks, some with efflorescence & a few areas of exposed rebar.

**59 - Superstructure** (4 - POOR CONDITION - advanced section loss, deterioration, spalling or scour.)

Girders have areas of section loss on ends over bents 3 and 4 and under drains. Several girders were repaired with T splices, and welded or bolted web plates in 2020. Bearings at T spliced locations are missing anchor bolts.

Span 1 bent 1 girder 1 was t spliced in 2020.

Span 1 bent 1 girder 2 has a bolted plate at web below haunch. Bottom of web has been t-spliced in the past.

Span 1 bent 1 girder 3 was t spliced in 2020. Web below haunch has a welded splice.

Span 1 bent 1 girder 4 was t spliced in 2020. Web below haunch has a bolted plate.

Span 1 bent 1 girder 5 was t spliced in 2020.

Span 1 girder 1 has section loss along top and bottom flange throughout the span from leakage through deck.

Span 1 bent 2 girder 1 was t spliced in 2020.

Span 1 bent 2 girder 2 was t spliced in 2020.

Span 1 bent 2 girder 3 was t spliced in 2020.

Span 1 bent 2 girder 4 was t spliced in 2020.

Span 1 bent 2 girder 5 web below haunch has a welded web splice.

Span 2 bent 2 girder 1 was t spliced in 2020.

Span 2 bent 2 girder 2 was t spliced in 2020.

Span 2 bent 2 girder 3 was t spliced in 2020. Web below haunch has a welded splice.

Span 2 bent 2 girder 4 has a bolted plate at web below haunch.

Span 2 bent 2 girder 5 web below haunch has a welded web splice.

Span 2 bent 3 girder 1 has a 5in. x 10in. hole in web below haunch. Web has 1ft. of heavy section loss at end. Bottom of web and bottom flange have a 9ft. area of moderate section loss.

Span 2 bent 3 girder 3 has a 5in. x 2in. hole in web near haunch.

Span 2 bent 3 girder 4 has a 2in. x 1in. hole in web below haunch. Left bottom flange has a 3in. x 4in. hole at bearing.

Web over bearing has a 2in. x 1in. hole. Right bottom flange has measurable section loss.

Span 2 bent 3 girder 5 has heavy section loss & a 5in. x 1in. hole at web below haunch.

Span 3 bent 3 girder 1 has a 7in. x 2in. hole in web below haunch. Bottom of web and bottom flange have 8ft. of moderate section loss.

Span 3 bent 3 girder 3 has a 2in. x 1/2in. hole in web below haunch. 4ft. of bottom flange has rust with measurable section loss.

Span 3 bent 3 girder 5 has a 6in. x 5in. hole & a 5in. x 2in. area of holes in web below haunch. Bottom of web has 2ft. of moderate section loss on outside face.

Web of girder has begun to buckle.

Span 3 bent 4 girder 2 was t spliced in 2020.

Span 3 bent 4 girder 3 has been t-spliced in the past.

Span 3 bent 4 girder 4 has been t-spliced in the past.

Span 3 bent 4 girder 5 has bolted plates over end of web.

Span 3 girders 2,3 & 4 over bent 4 each have pinholes in web near haunch.





**60 - Substructure** (5 - FAIR CONDITION - all primary structural elements are sound but may have minor section loss, cracking, spalling or scour.)

Bent 2 cap has 2ft. of deterioration with efflorescence and some exposed rebar on right end.

Bent 2 pile 4 has several vertical cracks with heavy efflorescence buildup.

Bent 3 pile 4 has several vertical cracks.

Rip rap was pushed under spans 1 and 3 from the sides to repair embankment erosion in the past.

Embankment has some continued scour near center line under span 3.

Beaver dam across channel upstream of bridge.

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**61 - Channel/Channel Protection** (6 - Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly.)

Rip rap was pushed under spans 1 and 3 from the sides to repair embankment erosion in the past.

Embankment has some continued scour near center line under span 3.

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**A-46 - Asset Files**

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Asset #02907(Routine)

SH 135-02- LM 0.01 over DITCH NO 1

Location: POINSETT CO LINE

Team Lead: James Adams, Inspection Date: 11/14/2022

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	2660	2571	89	0	0
1080	Delamination/Spall/Patched Area	SF	12	0	12	0	0
1120	Efflorescence/Rust Staining	SF	77	0	77	0	0
510	Wearing Surfaces	SF	2520	1485	0	1035	0
3210	Delam/Spall/Patched Area/Pothole	SF	285	0	0	285	0
3220	Crack (Wearing Surface)	SF	750	0	0	750	0
107	Steel Open Girder/Beam	LF	525	100	394	27	4
1000	Corrosion	LF	425	0	394	27	4
515	Steel Protective Coating	SF	3573	0	2497	540	536
3440	Effectiveness (Steel Protective Coatings)	LF	3573	0	2497	540	536
215	Reinforced Concrete Abutment	LF	66	66	0	0	0
227	Reinforced Concrete Pile	EA	8	6	1	1	0
1120	Efflorescence/Rust Staining	EA	1	0	0	1	0
1130	Cracking (RC and Other)	EA	1	0	1	0	0
234	Reinforced Concrete Pier Cap	LF	50	46	1	3	0
1080	Delamination/Spall/Patched Area	LF	2	0	0	2	0
1090	Exposed Rebar	LF	1	0	0	1	0
1130	Cracking (RC and Other)	LF	1	0	1	0	0
311	Movable Bearing	EA	15	1	0	14	0
1000	Corrosion	EA	10	0	0	10	0
1020	Connection	EA	4	0	0	4	0
313	Fixed Bearing	EA	15	2	0	13	0
1000	Corrosion	EA	5	0	0	5	0
1020	Connection	EA	8	0	0	8	0
330	Metal Bridge Railing	LF	215	0	213	2	0
1000	Corrosion	LF	213	0	213	0	0
7000	Damage	LF	2	0	0	2	0
515	Steel Protective Coating	SF	688	0	0	0	688
3440	Effectiveness (Steel Protective Coatings)	LF	688	0	0	0	688

**Deck**

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	2660	2571	89	0	0
1080	Delamination/Spall/Patched Area	SF	12	0	12	0	0
1120	Efflorescence/Rust Staining	SF	77	0	77	0	0
510	Wearing Surfaces	SF	2520	1485	0	1035	0
3210	Delam/Spall/Patched Area/Pothole	SF	285	0	0	285	0
3220	Crack (Wearing Surface)	SF	750	0	0	750	0

**58 - Deck (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)**

Comment: Metal bridge rails have surface rust.

Approach roadways have some settlement, especially south end (Bent 1).

Wearing surface has a few transverse and longitudinal cracks, areas of map cracking, and a few patched or delaminated areas.

Spans 2 & 3 southbound lanes have areas of spalling & broken asphalt.

Bridge rail posts have minor cracks and spalls with some exposed rebar.

Bent 1 left overhang is cracked & spalled at bottom of 1st post.

Concrete soffit has a few minor cracks, some with efflorescence & a few areas of exposed rebar.



## Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
107	Steel Open Girder/Beam	LF	525	100	394	27	4
1000	Corrosion	LF	425	0	394	27	4
515	Steel Protective Coating	SF	3573	0	2497	540	536
3440	Effectiveness (Steel Protective Coatings)	LF	3573	0	2497	540	536

### 59 - Superstructure (4 - POOR CONDITION - advanced section loss, deterioration, spalling or scour.)

Comment: Girders have areas of section loss on ends over bents 3 and 4 and under drains. Several girders were repaired with T splices, and welded or bolted web plates in 2020. Bearings at T spliced locations are missing anchor bolts.

Span 1 bent 1 girder 1 was t spliced in 2020.

Span 1 bent 1 girder 2 has a bolted plate at web below haunch. Bottom of web has been t-spliced in the past.

Span 1 bent 1 girder 3 was t spliced in 2020. Web below haunch has a welded splice.

Span 1 bent 1 girder 4 was t spliced in 2020. Web below haunch has a bolted plate.

Span 1 bent 1 girder 5 was t spliced in 2020.

Span 1 girder 1 has section loss along top and bottom flange throughout the span from leakage through deck.

Span 1 bent 2 girder 1 was t spliced in 2020.

Span 1 bent 2 girder 2 was t spliced in 2020.

Span 1 bent 2 girder 3 was t spliced in 2020.

Span 1 bent 2 girder 4 was t spliced in 2020.

Span 1 bent 2 girder 5 web below haunch has a welded web splice.

Span 2 bent 2 girder 1 was t spliced in 2020.

Span 2 bent 2 girder 2 was t spliced in 2020.

Span 2 bent 2 girder 3 was t spliced in 2020. Web below haunch has a welded splice.

Span 2 bent 2 girder 4 has a bolted plate at web below haunch.

Span 2 bent 2 girder 5 web below haunch has a welded web splice.

Span 2 bent 3 girder 1 has a 5in. x 10in. hole in web below haunch. Web has 1ft. of heavy section loss at end. Bottom of web and bottom flange have a 9ft. area of moderate section loss.

Span 2 bent 3 girder 3 has a 5in. x 2in. hole in web near haunch.

Span 2 bent 3 girder 4 has a 2in. x 1in. hole in web below haunch. Left bottom flange has a 3in. x 4in. hole at bearing. Web over bearing has a 2in. x 1in. hole. Right bottom flange has measurable section loss.

Span 2 bent 3 girder 5 has heavy section loss & a 5in. x 1in. hole at web below haunch.

Span 3 bent 3 girder 1 has a 7in. x 2in. hole in web below haunch. Bottom of web and bottom flange have 8ft. of moderate section loss.

Span 3 bent 3 girder 3 has a 2in. x 1/2in. hole in web below haunch. 4ft. of bottom flange has rust with measurable section loss.

Span 3 bent 3 girder 5 has a 6in. x 5in. hole & a 5in. x 2in. area of holes in web below haunch. Bottom of web has 2ft. of moderate section loss on outside face.

Web of girder has begun to buckle.

Span 3 bent 4 girder 2 was t spliced in 2020.

Span 3 bent 4 girder 3 has been t-spliced in the past.

Span 3 bent 4 girder 4 has been t-spliced in the past.

Span 3 bent 4 girder 5 has bolted plates over end of web.

Span 3 girders 2,3 & 4 over bent 4 each have pinholes in web near haunch.

**Substructure**

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
215	Reinforced Concrete Abutment	LF	66	66	0	0	0
227	Reinforced Concrete Pile	EA	8	6	1	1	0
1120	Efflorescence/Rust Staining	EA	1	0	0	1	0
1130	Cracking (RC and Other)	EA	1	0	1	0	0
234	Reinforced Concrete Pier Cap	LF	50	46	1	3	0
1080	Delamination/Spall/Patched Area	LF	2	0	0	2	0
1090	Exposed Rebar	LF	1	0	0	1	0
1130	Cracking (RC and Other)	LF	1	0	1	0	0

**60 - Substructure** (5 - FAIR CONDITION - all primary structural elements are sound but may have minor section loss, cracking, spalling or scour.)

Comment: Bent 2 cap has 2ft. of deterioration with efflorescence and some exposed rebar on right end.

Bent 2 pile 4 has several vertical cracks with heavy efflorescence buildup.

Bent 3 pile 4 has several vertical cracks.

Rip rap was pushed under spans 1 and 3 from the sides to repair embankment erosion in the past.

Embankment has some continued scour near center line under span 3.

Beaver dam across channel upstream of bridge.

**61 - Channel/Channel Protection** (6 - Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly.)

Comment: Rip rap was pushed under spans 1 and 3 from the sides to repair embankment erosion in the past.

Embankment has some continued scour near center line under span 3.



Asset #02907(Routine)

SH 135-02- LM 0.01 over DITCH NO 1

Location: POINSETT CO LINE

Team Lead: James Adams, Inspection Date: 11/14/2022

## Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4





Elevation 11-14-2022



Span 1 soffit



Beaver dam upstream 11-14-2022



End 11-14-2022





Bent 2 joint Southbound lane 11-14-2022



Span 1 Southbound lane 11-14-2022



Deck 11-14-2022



Beginning 11-14-2022



Roadway 11-14-2022



**Maintenance Needs**

**Date Reported:** 11/15/2022

**Priority:** CF - Critical Finding - Immediate

**Status:** Open

**Type of Work:** Repair (General)

**Component:** Superstructure

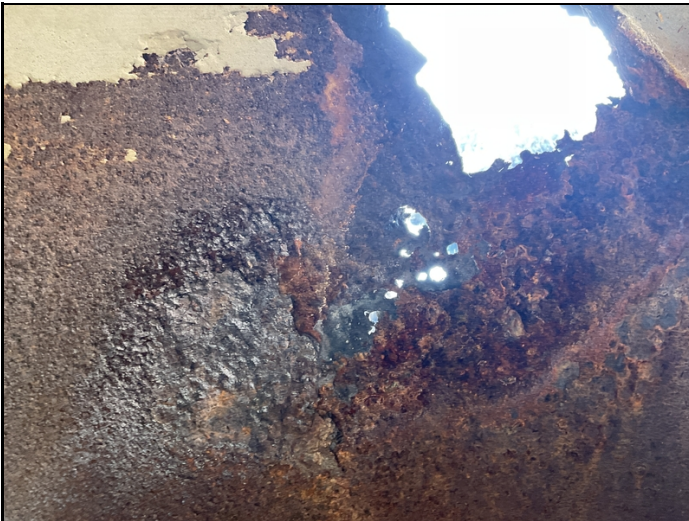
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**Deficiency Description**

Span 3 bent 3 girder 5 has a 6" x 5" hole & a 2in. x 5in. area of holes in web below haunch.  
Web has begun to buckle.  
Bottom of web has 2' of moderate section loss on outside face.

**Remarks**

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Span 3 bent 3 girder 5 photo 2/2 11-14-2022



Span 3 bent 3 girder 5 photo 1/2 11-14-2022

### Maintenance Needs

**Date Reported:** 10/17/2019

**Priority:** A - Safety deficiency; requires prompt action

**Status:** Repair Documented

**Type of Work:** Repair (General)

**Component:** Superstructure

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### Deficiency Description

\*Span 1 bent 1 girder 5 has 3' of heavy section loss along bottom of web and bottom flange. Bottom of web has a 3" x 1" hole, 21" from end. Bottom flange is beginning to knife edge ahead of bearing.

\*Span 3 bent 4 girder 2 has a 23" x up to 2.5" hole along bottom of web approx. 1' from end. Heavy section loss to bottom flange, beginning to knife edge.

### Remarks

Span 1 bent 1 girder 5 was t spliced in 2020.

Span 3 bent 4 girder 2 was t spliced in 2020.

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Span 2 bent 3 girder 1



Span 3 bent 4 girder 2 back side of 22" hole in bottom of web





Span 1 bent 1 girder 5



Span 1 bent 1 girder 5





Span 3 bent 4 girder 2



Span 2 girder 1 bent 3 haunch



Span 2 girder 1 bent 3

**Maintenance Needs**

**Date Reported:** 11/11/2021

**Priority:** A - Safety deficiency; requires prompt action

**Status:** Open

**Type of Work:** Repair (General)

**Component:** Superstructure

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**Deficiency Description**

Span 2 bent 3 girder 1 has a 5" x 10" hole in web below haunch. Web has 1ft. of heavy section loss at end. Bottom of web and bottom flange have a 9ft. area of moderate section loss.

Span 2 bent 3 girder 4 has a 2in. x 1in. diameter hole in web below haunch. Left bottom flange has a 3in. x 4in. hole at bearing. Web over bearing has a 2in. x 1in. hole. Right bottom flange has measurable section loss.

**Remarks**

Most recent LR model accounted for this deficiency. Signs are documented to be in place. Changed to a priority A. ADN 12/23/21

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Span 2 girder 4 bent 3 11-14-2022



Span 2 bent 3 girder 1 11-14-2022





Span 2 bent 3 girder 4 haunch



Span 2 girder 4 bottom flange

**Maintenance Needs**

**Date Reported:** 10/17/2019

**Priority:** B - Pressing

**Type of Work:** Repair (General)

**Status:** Repair Documented

**Component:** Superstructure

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**Deficiency Description**

\*\*Span 3 bent 3 girder 5 has a 6" x 5" hole & a 2in. x 5in. area of holes in web below haunch. MOVED TO CF PRIORITY.

\*Span 1 bent 1 girder 1 has minor to moderate section loss for 8.5' along bottom of web and bottom flange.

\*Span 1 bent 1 girder 3 has a 3" x 1" hole in web below haunch and a 5.5" x 1" hole in bottom of web 16" from end. Bottom flange is knife edged with 1/8" remaining on edge near bearing.

\*Span 1 bent 1 girder 4 has section loss for 2' along bottom of web and bottom flange. Lt bottom flange has a 4" x 2" hole in near bearing.

\*Span 3 bent 4 girder 5 has a 11" x 2" hole in web below haunch. End of web has moderate section loss.

**Remarks**

\*Span 1 bent 1 girder 1 was t spliced in 2020.

Span 1 bent 1 girder 3 was t spliced in 2020. Web below haunch has a welded splice.

Span 1 bent 1 girder 4 was t spliced in 2020. Web below haunch has a bolted plate.

Span 3 bent 4 girder 5 has bolted plates over end of web.

\*\*Span 3 bent 3 girder 5 has a 6" x 5" hole & a 2in. x 5in. area of holes in web below haunch moved to CF priority, 11-14-2022. JFA/CWS

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Span 3 bent 4 girder 5



Span 1 bent 1 girder 1



Span 1 bent 1 girder 3



Span 1 bent 1 girder 4 hole in left side of bottom flange at  
with section loss at bottom of web





Span 3 bent 3 girder 5



Span 1 bent 1 girder 1



Span 1 bent 1 girder 3



Span 1 bent 1 girder 4



Span 3 bent 4 girder 5



Span 3 bent 4 girder 5



Span 3 bent 3 girder 5





Asset #02907(Routine)

SH 135-02- LM 0.01 over DITCH NO 1

Location: POINSETT CO LINE

Team Lead: James Adams, Inspection Date: 11/14/2022

#### Maintenance Needs

Date Reported: 12/10/2010

Priority: C - Important

Type of Work: (Inactive) (Inactive) 9 - None

Status: Monitor

Component: Approach

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#### Deficiency Description

Approach roadways have some settlement.

#### Remarks

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**Maintenance Needs**

**Date Reported:** 10/16/2019

**Priority:** C - Important

**Type of Work:** (Inactive) (Inactive) 9 - None

**Status:** Open

**Component:** Deck

**Deficiency Description**

Wearing surface has a few transverse and longitudinal cracks, and a few areas of map cracking and patches in wheel path.

Spans 2 & 3 southbound lanes have areas of spalling & broken asphalt.

**Remarks**



wearing surface





**Asset #02907**(Routine)

**SH 135-02- LM 0.01 over DITCH NO 1**

**Location: POINSETT CO LINE**

**Team Lead: James Adams, Inspection Date: 11/14/2022**



**Maintenance Needs**

**Date Reported:** 09/13/2016

**Priority:** C - Important

**Type of Work:** Repair (General)

**Status:** Monitor

**Component:** Substructure

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**Deficiency Description**

Bent 2 cap has 2' of deterioration with efflorescence and some rebar exposed on Rt end.

**Remarks**

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Bent 2 Rt



Bent 2 right



Bent 2 cap right 11-14-2022



## Maintenance Needs

**Date Reported:** 09/18/2018

**Priority:** C - Important

**Type of Work:** Repair (General)

**Status:** Open

**Component:** Superstructure

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## Deficiency Description

Girders have areas of section loss on ends over bents and under drains. Several girders have holes through web near concrete haunch. Bearings have pack rust and section loss.

\*Span 1 bent 1 girder 2 has a 1.5" x 1" hole in web below haunch.

Span 1 girder 1 has section loss along top and bottom flange throughout the span from leakage through deck.

\*Span 1 bent 2 girder 2 has a 6" diameter area of heavy section loss to bottom of web near bearing.

\*Span 1 bent 2 girder 3 has a 5" x 1" hole at web below haunch.

\*Span 1 bent 2 girder 4 has a 1" diameter hole in bottom of web 8" from end.

\*Span 1 bent 2 girder 5 has a 5" x 1.5" hole in web to below haunch.

\*Span 2 bent 2 girder 2 has a 3" x 1" hole in web below haunch. Bottom flange is beginning to knife edge near bearing.

\*Span 2 bent 2 girder 3 has a 3.5" x 1" hole in web below haunch. Bottom of web has 1' of moderate section loss ahead of bearing.

\*Span 2 bent 2 girder 5 has a 9" x 3" hole in web below haunch.

Span 2 bent 3 girder 3 has a 5in. x 2in. hole at haunch.

Span 2 bent 3 girder 5 has heavy section loss at web below haunch & a 5in. x 1in. hole at haunch.

Span 3 bent 3 girder 1 has a 7" x 2" hole in web below haunch. Bottom of web and bottom flange have 8ft. of moderate section loss.

Span 3 bent 3 girder 3 has a 2" x 1/2" hole in web below haunch. 4ft. of bottom flange has heavy section loss.

## Remarks

Span 1 bent 1 girder 2 has a bolted plate at web below haunch.

Span 1 bent 2 girders 2 - 4 were t spliced in 2020. Girder 5 has a welded web splice repair.

Span 2 bent 2 girders 2 and 3 were t spliced in 2020. Girder 4 has a bolted plate at web below haunch. Girder 5 has a welded web splice repair.

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Span 2 girder 5 bent 3 11-14-2022



Span 3 bent 3 girder 3 11-14-2022



Span 2 girder 3 at bent 3 11-14-2022



Span 3 bent 3 girder 1 11-14-2022





Span 1 bent 2 girder 5



Span 2 bent 2 girder 5





Span 1 bent 1 girder 2



Girder 5 at bent 2



Girder 4 at bent 2



Girder 3 at bent 2



Girder 2 at bent 2



Span 3 girder 1 bent 3





Span 3 girder 3 bent 3



Span 2 girder 5 bent 3

**Maintenance Needs**

**Date Reported:** 12/04/2012

**Priority:** C - Important

**Type of Work:** Repair (General)

**Status:** Monitor

**Component:** Substructure

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**Deficiency Description**

Bent 2 pile 4 has several vertical cracks with heavy efflorescence buildup.  
Bent 3 pile 4 has several vertical cracks.

**Remarks**

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Bent 2 pile 4



Bent 2 pile 4



Bent 2 pile 4





Asset #02907(Routine)

SH 135-02- LM 0.01 over DITCH NO 1

Location: POINSETT CO LINE

Team Lead: James Adams, Inspection Date: 11/14/2022

## Routine Maintenance

Check Box Maintenance Items

Type of Maintenance	Is recommended?
A-54 - Sealable Deck Cracks	
A-55 - Deck Washing Needed	
A-56 - Joint Cleaning/Flushing Needed	
A-57 - Beam End and Bearing Paint Needed	
A-58 - Cap Cleaning/Flushing Needed	
A-59 - Joint Repair Needed	
A-60 - Full Beam Painting Needed	
A-61 - Polymer Overlay Advised	
A-62 - Hydro and LMC Advised	
A-63 Missing/Incorrect Log Mile Signage	
A-64 - Vegetation Removal Requested	



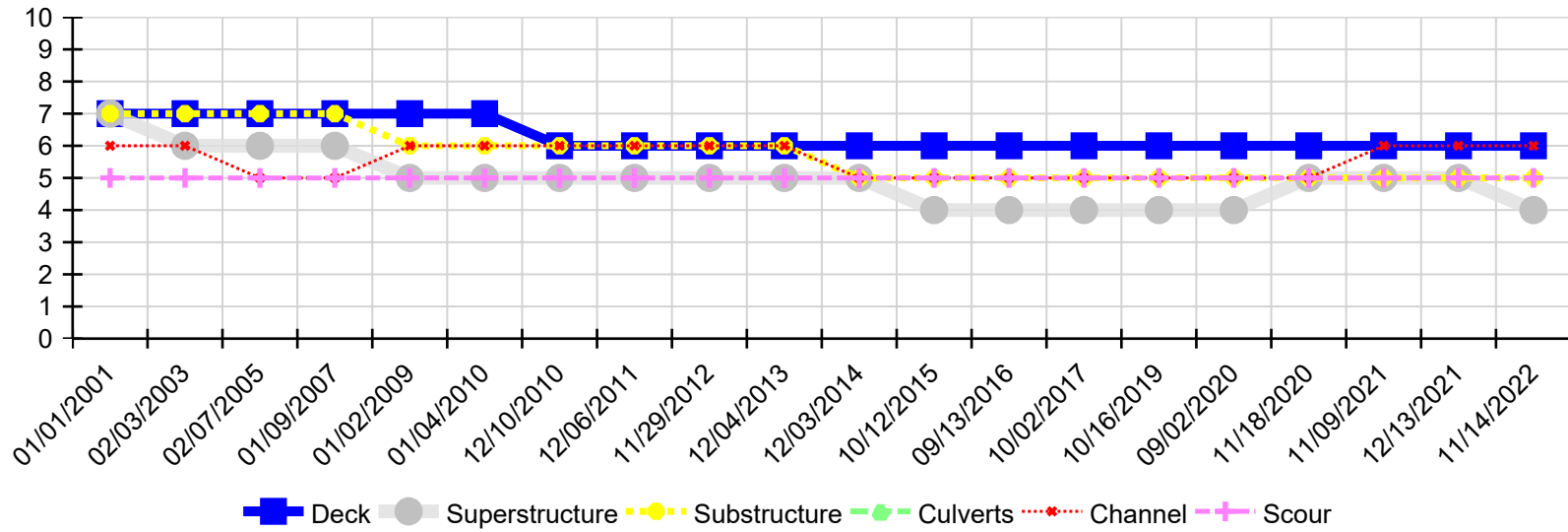
Asset #02907(Routine)

SH 135-02- LM 0.01 over DITCH NO 1

Location: POINSETT CO LINE

Team Lead: James Adams, Inspection Date: 11/14/2022

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
11/14/2022	6	4	5	N	6	5
12/13/2021	6	5	5	N	6	5
11/09/2021	6	5	5	N	6	5
11/18/2020	6	5	5	N	5	5
09/02/2020	6	4	5	N	5	5
10/16/2019	6	4	5	N	5	5
10/02/2017	6	4	5	N	5	5
10/02/2017	6	4	5	N	5	5
09/13/2016	6	4	5	N	5	5
10/12/2015	6	4	5	N	5	5
12/03/2014	6	5	5	N	5	5
12/04/2013	6	5	6	N	6	5
11/29/2012	6	5	6	N	6	5
12/06/2011	6	5	6	N	6	5
12/10/2010	6	5	6	N	6	5
01/04/2010	7	5	6	N	6	5
01/02/2009	7	5	6	N	6	5
01/09/2007	7	6	7	N	5	5
02/07/2005	7	6	7	N	5	5
02/03/2003	7	6	7	N	6	5
01/01/2001	7	7	7	N	6	5