



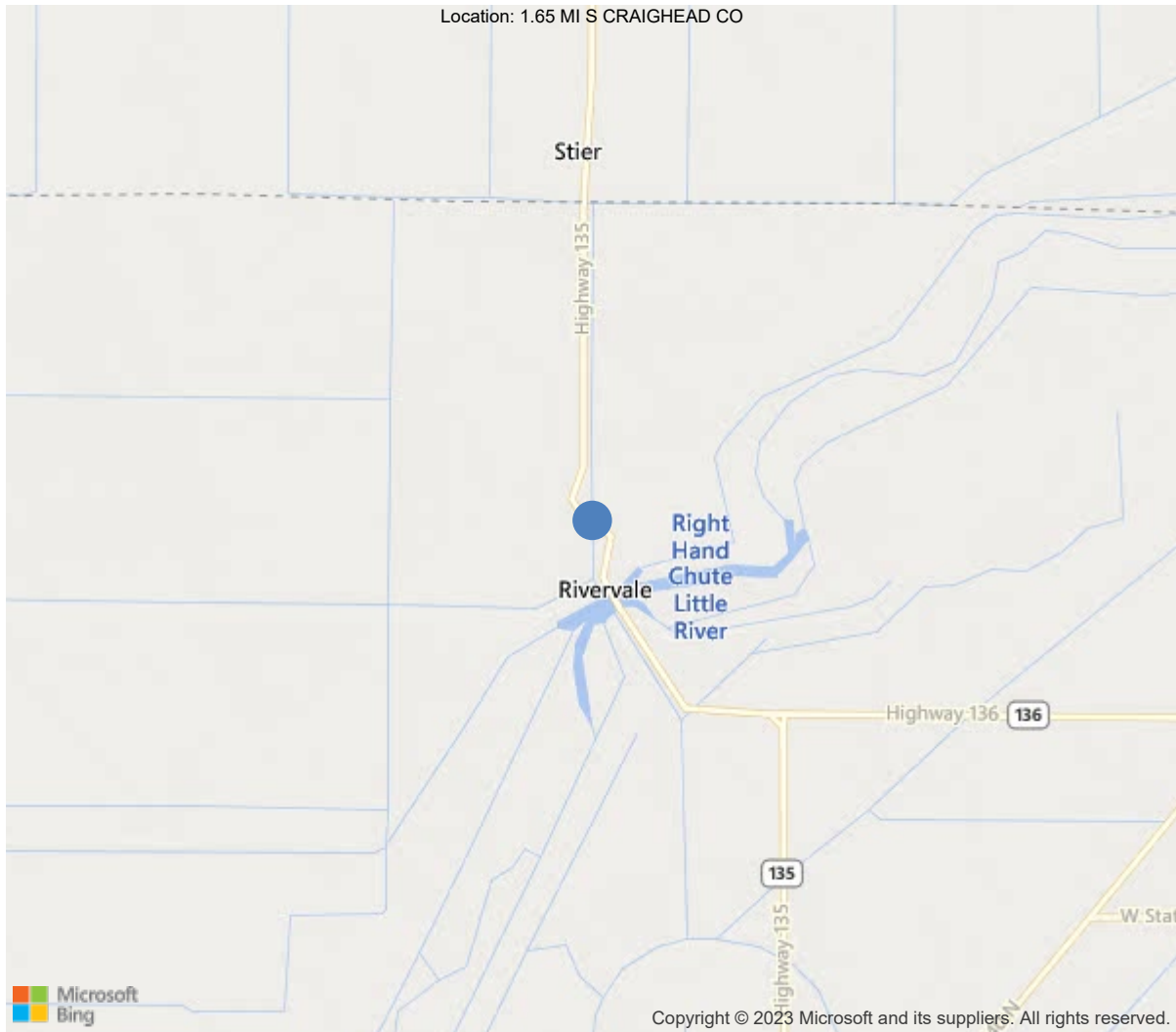
Latitude:35.67795, Longitude:-90.34028

Route:135 Section:01 Log:15.6

Arnold Road ID:56x135x1xA, Arnold Log mile:15.596

District 10, 111 - Poinsett County

Owner: 1 - State Highway Agency



35.67795, -90.34028



Asset #02906(Routine)

SH 135-01-LM 15.60 over DITCH NO 4

Location: 1.65 MI S CRAIGHEAD CO

Team Lead: Tim Myrick, Inspection Date: 09/06/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	02906
(5) Inventory Route	1
(2) Highway Agency District	10 - District 10
(3) County Code	111 - Poinsett County
(4) Place Code	0
(6) Features Intersected	DITCH NO 4
(7) Facility Carried	SH 135-01-LM 15.60
(9) Location	1.65 MI S CRAIGHEAD CO
(11) Mile Point	15.6 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000111010
(16) Latitude	35.67795
(17) Longitude	-90.34028
(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	5
(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	8 %
(19) Bypass, Detour Length	1 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	40 ft
(49) Structure Length	202 ft
(50) Curb or Sidewalk Width	
Left	1 ft
Right	1 ft
(51) Bridge Roadway Width Curb to Curb	24 ft
(52) Deck Width Out to Out	28.6 ft
(32) Approach Roadway Width (W/Shoulders)	27.9 ft
(33) Bridge Median	0 - No median
(34) Skew	30 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	25.9 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 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	3
(60) Substructure	6
(61) Channel & Channel Protection	7
(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	30
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	18
(70) Bridge Posting	2 - 20.0 - 29.9 % below
(41) Structure Open/Posted/Closed	P - Posted for load (may include
APPRAISAL	
(67) Structural Evaluation	4
(68) Deck Geometry	4
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	7
(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	31 - Replacement of bridge or
(76) Length of Structure Improvement	235 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 156
(96) Total Project Cost	\$ 672
(97) Year of Improvement Cost Estimate	2002
(114) Future ADT	1614
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	05/18/2023		
(91) Frequency	12		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection			
<p>* 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.</p>			

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

Inspected with snooper.

Metal rails have minor corrosion. Paint has limited effectiveness.

Wearing surface has several areas of map cracking and rutting along outside wheel path.

Gutters have delaminated and spalled areas.

Asphalt has several patched areas.

Soffit has cracks with efflorescence especially in exterior bays and overhangs.

Overhangs have delaminated areas and/or spalls with rebar exposed near drains.

Dirt and debris in gutter lines.

2021 inspection snooper left a track in areas of deck over white line.

59 - Superstructure (3 - SERIOUS CONDITION - loss of section, deterioration, spalling or scour have seriously affected primary structural components. Local failures are possible. Fatigue cracks in steel or shear cracks in concrete may be present.)

Girders have areas of surface rust throughout.

Girders have rust and section loss ($1/8"$ – $7/16"$) on ends, especially at web below haunch.

Many girders have heavy to severe section loss to bottom flange and or end of web over bents.

Bearings have pack rust and section loss. Some anchor bolts and or nuts have rusted off.

Span 1 bent 1 girder 1 has 3" of moderate section loss along bottom of web.

Span 1 bent 1 girders 2, 3, and 4 have been T-spliced.

Span 1 bent 1 girder 3 has plates welded over holes at web below haunch.

Span 1 bent 1 girder 5 has 3" of moderate section loss along bottom of web.

Span 1 bent 2 girder 1 has 42" of heavy section loss along bottom of web, and a 10" x 6" area of section loss with holes at web below haunch.

Span 1 bent 2 girder 2 has a 4" x 1" hole in web below haunch. Bottom of web has 2ft. of moderate section loss near bearing.

Span 1 bent 2 girder 3 has a 4" x 1.5" hole in web below haunch.

Span 2 bent 2 girder 1 has a 5" x 2" hole in web below haunch. Bottom of web has a 9" x 6" area of heavy section loss at end.

Span 2 bent 2 girder 2 has heavy section loss to bottom flange.

Span 2 bent 2 girder 3 has 48" of moderate section loss along bottom of web, and heavy section loss to bottom flange with pin holes.

Span 2 bent 2 girder 4 has a 7" x 1" hole in web below haunch. Bottom of web has 2" of moderate section loss near bearing.

Span 2 bent 3 girder 1 has a 14" x 9" area of heavy section loss at haunch.

Span 2 bent 3 girder 2 has a 6" x 1" hole in web below haunch. Bottom of web has a 5" x 1" hole over bearing 6" from end of girder. Bottom flange has heavy section loss.

Span 2 bent 3 girder 3 has a 4" x 7" hole in web below haunch. Bottom of web has a 9" x 3.5" hole 5.5" from end. Left bottom flange has heavy section loss near bearing. Right flange has a 2.5" x 2" hole in bottom flange with heavy section loss surrounding area.

Span 3 bent 3 girder 1 has a 12" x 12" area of heavy section loss near haunch and a 2" diameter hole.

Span 3 bent 3 girder 2 has a 3" x 1" hole in web below haunch.

Span 3 bent 3 girder 3 has a 4" x $1/2"$ hole in web below haunch. Bottom of web has moderate section loss over bearing.

Span 3 bent 3 girder 4 has a 7" x 1" hole in web below haunch.

Span 3 bent 3 girder 5 has a 4" x 1" hole in the top of web near haunch.

Span 3 bent 4 girder 1 has a 5" x 2" hole in web below haunch increased in size 2022.

Span 3 bent 4 girders 2 and 3 have plates welded over holes in web below haunch.

Span 3 bent 4 bearings 2 – 4 have no anchor bolts. Masonry plates have shifted and have some movement under traffic.

Span 3 road iron is approximately 1" lower than span 4.

Span 3 bent 4 girder 4 has a 4" x 1" hole in web below haunch. Bottom of web has been T-spliced.

Span 4 bent 4 girder 3 has a 9" x 1" hole in web below haunch.

Span 4 bent 4 girder 4 has a 5" x 1.5" hole in web below haunch, and moderate section loss at bottom of web over

bearing.

Span 4 bent 5 girder 1 has 14" of heavy section loss along end of web.

Span 4 bent 5 girder 2 has a 2" diameter hole in web below haunch. Bottom of web over bearing has a 4 1/2" x 1" hole with a 3/4" crack running from end of hole towards span. Right bottom flange has heavy section loss with a 3.5" x up to 4" hole in flange near bearing.

Span 4 bent 5 girder 4 has a 4" x .5" hole in web below haunch. Bottom of web has been T-spliced.

***Span 5 bent 5 girder 1 has 3" of moderate section loss along bottom of web.

***Span 5 bent 5 girder 2 has a 2" diameter hole in web below haunch and section loss at bottom of web over bearing.

***Span 5 bent 5 girder 3 has a 10" x 1" hole in web below haunch, and a 3.5" x 1" hole in bottom of web 7" from end of girder. Left bottom flange has heavy section loss with a 1" x 3" hole rusted through flange near bearing.

***Span 5 bent 5 girder 4 has a 5" x 1.5" hole in web below haunch.

***Span 5 bent 5 girder 5 has a 11" x 9" area of heavy section loss at web below haunch with a 4" diameter hole.

***Span 5 bent 6 girder 1 has 47" of moderate to heavy section loss along bottom of web. Top of web has a 5" x up to 1.5" hole below haunch. Web is buckled. Bottom flange has heavy section loss near bearing. District bridge crew repaired with a 5 ft. splice on 06-03-2020.

***Span 5 bent 6 girder 2 has a 5" x 1" hole in web near haunch.

***Span 5 bent 6 girder 3 has a 3" x 1" hole in web below haunch.

***Span 5 bent 6 girder 4 has a 2" x 1" hole in web near haunch.

***Span 5 bent 6 girder 5 has 37" of heavy section loss along bottom of web with a 9" x 1.5" hole 24" from end.

***Repaired with t-splice. (Some with t-splice and haunch plate.)

60 - Substructure (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Bent 2 cap has a few cracks with very light efflorescence.

Bent 3 cap has a vertical crack over pile 4 on ahead side. Cap has a 3.5" delaminated area over pile 2.

Bent 4 cap has 2' of efflorescent cracks on span 4 side near right end.

Bent 5 cap has 1' spalled on right end. Span 5 face of cap has 2' of delamination and 2' of efflorescence.

Bent 5 pile 1 has minor vertical cracks near top of pile.

Bent 6 left half of abutment is undermined 1.5' below and 2' back under.

Bents 5 and 6 caps have dirt and debris buildup on top.

A-46 - Asset Files

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Asset #02906(Routine)

SH 135-01-LM 15.60 over DITCH NO 4

Location: 1.65 MI S CRAIGHEAD CO

Team Lead: Tim Myrick, Inspection Date: 09/06/2022

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	5066	3869	423	774	0
1080	Delamination/Spall/Patched Area	SF	482	0	0	482	0
1120	Efflorescence/Rust Staining	SF	715	0	423	292	0
510	Wearing Surfaces	SF	4858	3176	480	1202	0
3210	Delam/Spall/Patched Area/Pothole	SF	626	0	0	626	0
3220	Crack (Wearing Surface)	SF	1056	0	480	576	0
107	Steel Open Girder/Beam	LF	1000	707	155	135	3
1000	Corrosion	LF	293	0	155	135	3
515	Steel Protective Coating	SF	7445	5283	225	914	1023
3440	Effectiveness (Steel Protective Coatings)	LF	2162	0	225	914	1023
215	Reinforced Concrete Abutment	LF	76	76	0	0	0
227	Reinforced Concrete Pile	EA	20	19	1	0	0
1130	Cracking (RC and Other)	EA	1	0	1	0	0
234	Reinforced Concrete Pier Cap	LF	113	98	14	1	0
1080	Delamination/Spall/Patched Area	LF	7	0	6	1	0
1120	Efflorescence/Rust Staining	LF	7	0	7	0	0
1130	Cracking (RC and Other)	LF	1	0	1	0	0
311	Movable Bearing	EA	25	0	0	25	0
1000	Corrosion	EA	25	0	0	25	0
313	Fixed Bearing	EA	25	0	0	25	0
1000	Corrosion	EA	25	0	0	25	0
330	Metal Bridge Railing	LF	400	400	0	0	0
515	Steel Protective Coating	SF	1360	408	0	952	0
3440	Effectiveness (Steel Protective Coatings)	LF	952	0	0	952	0



Asset #02906(Routine)

SH 135-01-LM 15.60 over DITCH NO 4

Location: 1.65 MI S CRAIGHEAD CO

Team Lead: Tim Myrick, Inspection Date: 09/06/2022

Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	5066	3869	423	774	0
1080	Delamination/Spall/Patched Area	SF	482	0	0	482	0
1120	Efflorescence/Rust Staining	SF	715	0	423	292	0
510	Wearing Surfaces	SF	4858	3176	480	1202	0
3210	Delam/Spall/Patched Area/Pothole	SF	626	0	0	626	0
3220	Crack (Wearing Surface)	SF	1056	0	480	576	0

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

Comment: Inspected with snoopers.

Metal rails have minor corrosion. Paint has limited effectiveness.

Wearing surface has several areas of map cracking and rutting along outside wheel path.

Gutters have delaminated and spalled areas.

Asphalt has several patched areas.

Soffit has cracks with efflorescence especially in exterior bays and overhangs.

Overhangs have delaminated areas and/or spalls with rebar exposed near drains.

Dirt and debris in gutter lines.

2021 inspection snoopers left a track in areas of deck over white line.

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
107	Steel Open Girder/Beam	LF	1000	707	155	135	3
1000	Corrosion	LF	293	0	155	135	3
515	Steel Protective Coating	SF	7445	5283	225	914	1023
3440	Effectiveness (Steel Protective Coatings)	LF	2162	0	225	914	1023

59 - Superstructure (3 - SERIOUS CONDITION - loss of section, deterioration, spalling or scour have seriously affected primary structural components. Local failures are possible. Fatigue cracks in steel or shear cracks in concrete may be present.)

Comment: Girders have areas of surface rust throughout.

Girders have rust and section loss (1/8" – 7/16") on ends, especially at web below haunch.

Many girders have heavy to severe section loss to bottom flange and or end of web over bents.

Bearings have pack rust and section loss. Some anchor bolts and or nuts have rusted off.

Span 1 bent 1 girder 1 has 3" of moderate section loss along bottom of web.

Span 1 bent 1 girders 2, 3, and 4 have been T-spliced.

Span 1 bent 1 girder 3 has plates welded over holes at web below haunch.

Span 1 bent 1 girder 5 has 3" of moderate section loss along bottom of web.

Span 1 bent 2 girder 1 has 42" of heavy section loss along bottom of web, and a 10" x 6" area of section loss with holes at web below haunch.

Span 1 bent 2 girder 2 has a 4" x 1" hole in web below haunch. Bottom of web has 2ft. of moderate section loss near bearing.

Span 1 bent 2 girder 3 has a 4" x 1.5" hole in web below haunch.

Span 2 bent 2 girder 1 has a 5" x 2" hole in web below haunch. Bottom of web has a 9" x 6" area of heavy section loss at end.

Span 2 bent 2 girder 2 has heavy section loss to bottom flange.

Span 2 bent 2 girder 3 has 48" of moderate section loss along bottom of web, and heavy section loss to bottom flange with pin holes.

Span 2 bent 2 girder 4 has a 7" x 1" hole in web below haunch. Bottom of web has 2" of moderate section loss near bearing.

Span 2 bent 3 girder 1 has a 14" x 9" area of heavy section loss at haunch.

Span 2 bent 3 girder 2 has a 6" x 1" hole in web below haunch. Bottom of web has a 5" x 1" hole over bearing 6" from end of girder. Bottom flange has heavy section loss.

Span 2 bent 3 girder 3 has a 4" x 7" hole in web below haunch. Bottom of web has a 9" x 3.5" hole 5.5" from end. Left bottom flange has heavy section loss near bearing. Right flange has a 2.5" x 2" hole in bottom flange with heavy section loss surrounding area.

Span 3 bent 3 girder 1 has a 12" x 12" area of heavy section loss near haunch and a 2" diameter hole.

Span 3 bent 3 girder 2 has a 3" x 1" hole in web below haunch.

Span 3 bent 3 girder 3 has a 4" x 1/2" hole in web below haunch. Bottom of web has moderate section loss over bearing.

Span 3 bent 3 girder 4 has a 7" x 1" hole in web below haunch.

Span 3 bent 3 girder 5 has a 4" x 1" hole in the top of web near haunch.

Span 3 bent 4 girder 1 has a 5" x 2" hole in web below haunch increased in size 2022.

Span 3 bent 4 girders 2 and 3 have plates welded over holes in web below haunch.

Span 3 bent 4 bearings 2 – 4 have no anchor bolts. Masonry plates have shifted and have some movement under traffic.

Span 3 road iron is approximately 1" lower than span 4.

Span 3 bent 4 girder 4 has a 4" x 1" hole in web below haunch. Bottom of web has been T-spliced.



Span 4 bent 4 girder 3 has a 9" x 1" hole in web below haunch.

Span 4 bent 4 girder 4 has a 5" x 1.5" hole in web below haunch, and moderate section loss at bottom of web over bearing.

Span 4 bent 5 girder 1 has 14" of heavy section loss along end of web.

Span 4 bent 5 girder 2 has a 2" diameter hole in web below haunch. Bottom of web over bearing has a 4 1/2" x 1" hole with a 3/4" crack running from end of hole towards span. Right bottom flange has heavy section loss with a 3.5" x up to 4" hole in flange near bearing.

Span 4 bent 5 girder 4 has a 4" x .5" hole in web below haunch. Bottom of web has been T-spliced.

***Span 5 bent 5 girder 1 has 3" of moderate section loss along bottom of web.

***Span 5 bent 5 girder 2 has a 2" diameter hole in web below haunch and section loss at bottom of web over bearing.

***Span 5 bent 5 girder 3 has a 10" x 1" hole in web below haunch, and a 3.5" x 1" hole in bottom of web 7" from end of girder. Left bottom flange has heavy section loss with a 1" x 3" hole rusted through flange near bearing.

***Span 5 bent 5 girder 4 has a 5" x 1.5" hole in web below haunch.

***Span 5 bent 5 girder 5 has a 11" x 9" area of heavy section loss at web below haunch with a 4" diameter hole.

***Span 5 bent 6 girder 1 has 47" of moderate to heavy section loss along bottom of web. Top of web has a 5" x up to 1.5" hole below haunch. Web is buckled. Bottom flange has heavy section loss near bearing. District bridge crew repaired with a 5 ft. splice on 06-03-2020.

***Span 5 bent 6 girder 2 has a 5" x 1" hole in web near haunch.

***Span 5 bent 6 girder 3 has a 3" x 1" hole in web below haunch.

***Span 5 bent 6 girder 4 has a 2" x 1" hole in web near haunch.

***Span 5 bent 6 girder 5 has 37" of heavy section loss along bottom of web with a 9" x 1.5" hole 24" from end.

***Repaired with t-splice. (Some with t-splice and haunch plate.)

**Substructure**

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
215	Reinforced Concrete Abutment	LF	76	76	0	0	0
227	Reinforced Concrete Pile	EA	20	19	1	0	0
1130	Cracking (RC and Other)	EA	1	0	1	0	0
234	Reinforced Concrete Pier Cap	LF	113	98	14	1	0
1080	Delamination/Spall/Patched Area	LF	7	0	6	1	0
1120	Efflorescence/Rust Staining	LF	7	0	7	0	0
1130	Cracking (RC and Other)	LF	1	0	1	0	0

60 - Substructure (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Comment: Bent 2 cap has a few cracks with very light efflorescence.

Bent 3 cap has a vertical crack over pile 4 on ahead side. Cap has a 3.5" delaminated area over pile 2.

Bent 4 cap has 2' of efflorescent cracks on span 4 side near right end.

Bent 5 cap has 1' spalled on right end. Span 5 face of cap has 2' of delamination and 2' of efflorescence.

Bent 5 pile 1 has minor vertical cracks near top of pile.

Bent 6 left half of abutment is undermined 1.5' below and 2' back under.

Bents 5 and 6 caps have dirt and debris buildup on top.



Asset #02906(Routine)

SH 135-01-LM 15.60 over DITCH NO 4

Location: 1.65 MI S CRAIGHEAD CO

Team Lead: Tim Myrick, Inspection Date: 09/06/2022

Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4





Beginning end



Ending end



Asset #02906(Routine)

SH 135-01-LM 15.60 over DITCH NO 4

Location: 1.65 MI S CRAIGHEAD CO

Team Lead: Tim Myrick, **Inspection Date:** 09/06/2022

Maintenance Needs

Date Reported: 05/22/2014

Priority: C - Important

Type of Work: Repair (General)

Status: Monitor

Component: Channel

Deficiency Description

Bent 6 Lt half of abutment is undermined 1.5' below and 2' back under.

Remarks

**Maintenance Needs**

Date Reported: 06/08/2017

Priority: C - Important

Type of Work: Repair (General)

Status: Monitor

Component: Superstructure

Deficiency Description

Span 1 bent 1 girder 1 has 3" of moderate section loss along bottom of web.

Span 1 bent 1 girder 5 has 3" of moderate section loss along bottom of web.

Span 1 bent 2 girder 1 has 42" of heavy section loss along bottom of web, and a 10" x 6" area of section loss with holes at web below haunch.

Span 1 bent 2 girder 2 has a 4" x 1" hole in web below haunch. Bottom of web has 2ft. of moderate section loss near bearing.

Span 1 bent 2 girder 3 has a 4" x 1.5" hole in web below haunch.

Span 2 bent 2 girder 1 has a 5" x 2" hole in web below haunch. Bottom of web has a 9" x 6" area of heavy section loss at end.

Span 2 bent 2 girder 3 has 48" of moderate section loss along bottom of web, and heavy section loss to bottom flange.

Span 2 bent 2 girder 4 has a 7" x 1" hole in web below haunch. Bottom of web has 2" of moderate section loss near bearing.

Span 2 bent 3 girder 2 has a 6" x 1" hole in web below haunch. Bottom of web has a 5" x 1" hole over bearing 6" from end of girder. Bottom flange has heavy section loss.

Span 3 bent 4 bearings 2 – 4 have no anchor bolts. Masonry plates have shifted and have some movement under traffic.

Span 3 road iron is approximately 1" lower than span 4.

Span 4 bent 4 girder 3 has a 9" x 1" hole in web below haunch.

Span 4 bent 4 girder 4 has a 5" x 1.5" hole in web below haunch, and moderate section loss at bottom of web over bearing.

***Span 5 bent 5 girder 1 has 3' of moderate section loss along bottom of web.

***Span 5 bent 5 girder 2 has a 1" diameter hole in web below haunch and section loss at bottom of web over bearing.

***Span 5 bent 5 girder 5 has a 11" x 12" area of heavy section loss at web below haunch with a 2" x 1" hole.

Remarks

***Has been repaired with t-splice. (Some with t-splice and haunch plate.) CCP 6/7/21



S4 & s3 b4 g4



S4 b4 g3



S1 & S2 b2 g1



Span 5 bent 6 girder 1



Span 5 bent 6 girder 5



Span 2 bent 3 girder 2



Span 5 bent 5 girder 3













Span 1 & 2 Bent 2 girder 1 2019





Span 2 bent 3 girder 2



Span 5 bent 5 girder 5



S5 b5 g1



S5 b5 g2



S5 b5 g5



S1 b2 g1



S2 b2 g1



S2 b2 g2 & s1 b2 g2



S2 b2 g3 & s1 b2 g3



S2 b2 g4 & s1 b2 g4



S2 b3 g2 & s3 b3 g2



S4 b4 g3



S4 b4 g4 & s3 b4 g4

Maintenance Needs

Date Reported: 05/30/2018

Priority: D- Routine

Type of Work: Repair (General)

Status: Monitor

Component: Superstructure

Deficiency Description

Span 2 bent 2 girder 2 has heavy section loss to bottom flange.
Span 2 bent 3 girder 1 has a 14" x 9" area of heavy section loss at haunch.
Span 3 bent 3 girder 1 has a 12" x 12" area of heavy section loss near haunch and a 2" diameter hole.
Span 3 bent 3 girder 2 has a 3" x 1" hole in web below haunch.
Span 3 bent 3 girder 3 has a 4" x ½" hole in web below haunch. Bottom of web has moderate section loss over bearing.
Span 3 bent 3 girder 4 has a 7" x 1" hole in web below haunch.
Span 3 bent 3 girder 5 has a 4" x 1" hole in the top of web near haunch.
Span 3 bent 4 girder 1 has a 4" x 2" hole in web below haunch.
Span 3 bent 4 girder 4 has a 4" x 1" hole in web below haunch. Bottom of web has been T-spliced.
Span 4 bent 5 girder 1 has 14" of heavy section loss along end of web.
Span 4 bent 5 girder 4 has a 4" x .5" hole in web below haunch. Bottom of web has been T-spliced.

***Span 5 bent 5 girder 4 has a 5" x 1.5" hole in web below haunch.

***Span 5 bent 6 girder 3 has a 2" x 1" hole in web below haunch.

***Repaired with t-splice. (Some repaired with t-splice and haunch plate.)

Remarks

***Repaired with t-splice. (Some repaired with t-splice and haunch plate.)CCP 6/7/21



S3 & s4 b4 g1



S2 b2 g4



S1 & s2 b2 g3



S2 & s1 b2 g2



Span 5 bent 6 girder 2



Span 2 bent 3 girder 3



Span 4 bent 5 girder 2



Span 5 bent 5 girder 5



S4 b5 g3



S4 b5 g5



S5 b5 g4



S5 b6 g2



S5 b6 g3



S5 b6 g4



S2 b3 g1 & s3 b3 g1



S2 b3 g4 & s3 b3 g4



S3 b3 g5



S3 b4 g1



S4 b5 g1



S4 b5 g4



Asset #02906(Routine)

SH 135-01-LM 15.60 over DITCH NO 4

Location: 1.65 MI S CRAIGHEAD CO

Team Lead: Tim Myrick, **Inspection Date:** 09/06/2022

Maintenance Needs

Date Reported: 05/22/2014

Priority: D- Routine

Type of Work: Repair (General)

Status: Monitor

Component: Superstructure

Deficiency Description

Bearings have pack rust and section loss. Some anchor bolts and/or nuts have 100% section loss.

Remarks



Asset #02906(Routine)

SH 135-01-LM 15.60 over DITCH NO 4

Location: 1.65 MI S CRAIGHEAD CO

Team Lead: Tim Myrick, **Inspection Date:** 09/06/2022

Maintenance Needs

Date Reported: 05/22/2014

Priority: D- Routine

Type of Work: Repair (General)

Status: Monitor

Component: Substructure

Deficiency Description

Bents 5 and 6 caps have dirt and debris buildup on top.

Remarks



Asset #02906(Routine)

SH 135-01-LM 15.60 over DITCH NO 4

Location: 1.65 MI S CRAIGHEAD CO

Team Lead: Tim Myrick, **Inspection Date:** 09/06/2022

Maintenance Needs

Date Reported: 05/25/2012

Priority: D- Routine

Type of Work: Repair (General)

Status: Monitor

Component: Superstructure

Deficiency Description

Majority of girders are rusted with areas of pitting and/or initial to measurable section loss, 1/8" - 7/16" typical.

Remarks



Asset #02906(Routine)

SH 135-01-LM 15.60 over DITCH NO 4

Location: 1.65 MI S CRAIGHEAD CO

Team Lead: Tim Myrick, **Inspection Date:** 09/06/2022

Maintenance Needs

Date Reported: 05/22/2014

Priority: (Inactive) (Inactive) G - General/
Preventive maintenance

Status: Monitor

Type of Work: Repair (General)

Component: Substructure

Deficiency Description

Bent 2 cap has a few cracks with very light efflorescence.

Bent 3 cap has a vertical crack over pile 4 on ahead side. Cap has a 3.5' delaminated area over pile 2.

Bent 4 cap has 2' of efflorescent cracks on ahead side near Rt end.

Bent 5 cap has 1' spalled on Rt end. Ahead face of cap has 2' of delamination and 2' of efflorescence.

Remarks

Maintenance Needs

Date Reported: 05/25/2012

Priority: (Inactive) (Inactive) G - General/
Preventive maintenance

Status: Monitor

Type of Work: Repair (General)

Component: Deck

Deficiency Description

Wearing surface has several areas of map cracking and rutting along outside wheel path. Gutters have delaminated and spalled areas. Asphalt has a few patched areas. White line has path cut through it by snooper 2021.

Remarks





Asset #02906(Routine)

SH 135-01-LM 15.60 over DITCH NO 4

Location: 1.65 MI S CRAIGHEAD CO

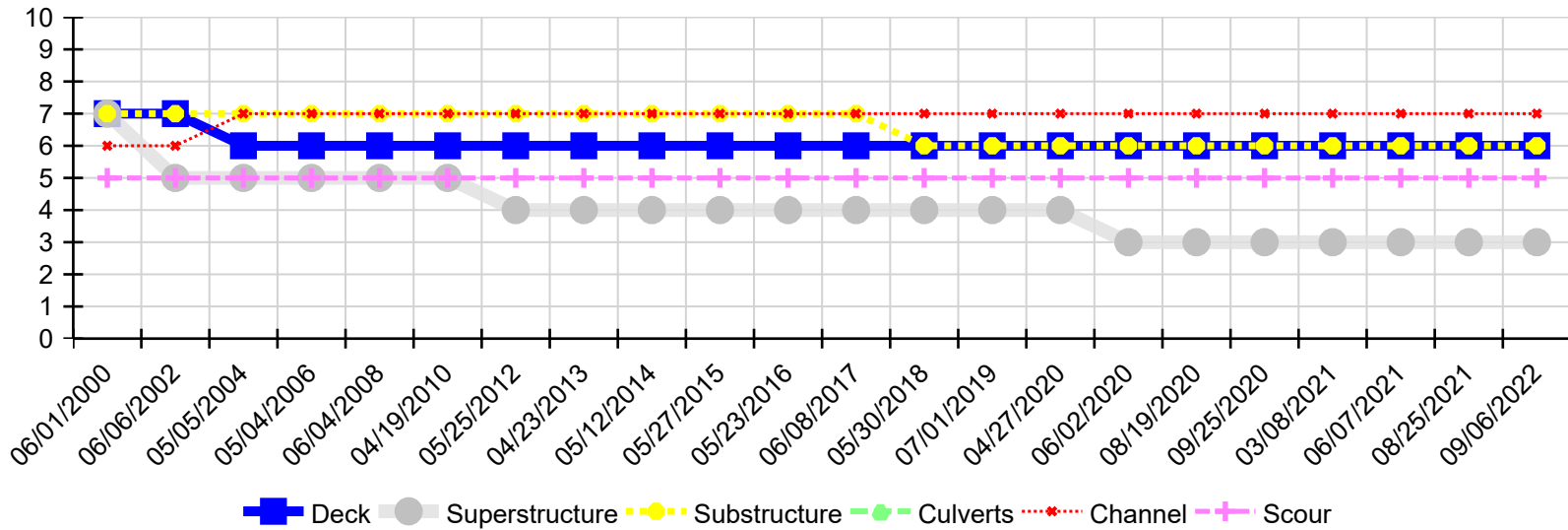
Team Lead: Tim Myrick, Inspection Date: 09/06/2022

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	

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
09/06/2022	6	3	6	N	7	5
08/25/2021	6	3	6	N	7	5
06/07/2021	6	3	6	N	7	5
03/08/2021	6	3	6	N	7	5
09/25/2020	6	3	6	N	7	5
08/19/2020	6	3	6	N	7	5
06/02/2020	6	3	6	N	7	5
04/27/2020	6	4	6	N	7	5
04/27/2020	6	4	6	N	7	5
07/01/2019	6	4	6	N	7	5
05/30/2018	6	4	6	N	7	5
06/08/2017	6	4	7	N	7	5
05/23/2016	6	4	7	N	7	5
05/27/2015	6	4	7	N	7	5
05/12/2014	6	4	7	N	7	5
04/23/2013	6	4	7	N	7	5
05/25/2012	6	4	7	N	7	5
04/19/2010	6	5	7	N	7	5
06/04/2008	6	5	7	N	7	5
05/04/2006	6	5	7	N	7	5
05/05/2004	6	5	7	N	7	5
06/06/2002	7	5	7	N	6	5
06/01/2000	7	7	7	N	6	5