

Bridge M0591 Inspection Report



Latitude:35.78755, Longitude:-91.58637

Route:25 Section:05 Log:2.96

Arnold Road ID:32x25x5xA, Arnold Log mile:2.94

District 05, 63 - Independence County

Owner: 1 - State Highway Agency

Inspection Direction: 4 - W to E

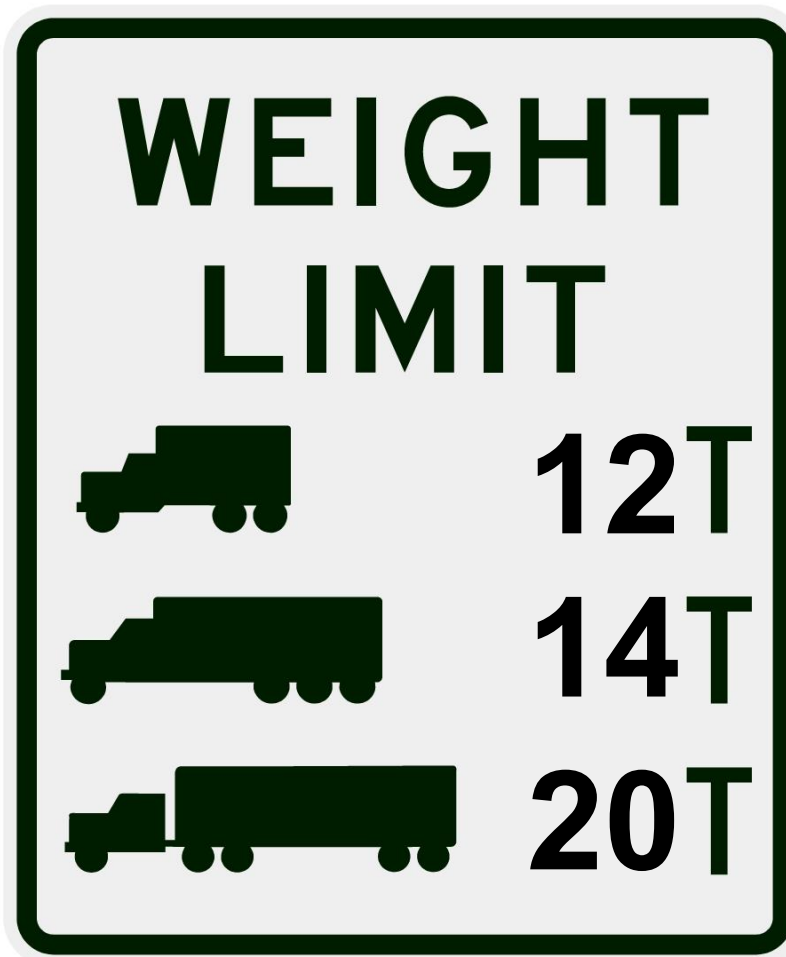
Bridge Posting Information

41 - Structure Open/Posted/Closed: P - Posted for load (may include other restrictions such as temporary bridges which are load posted)

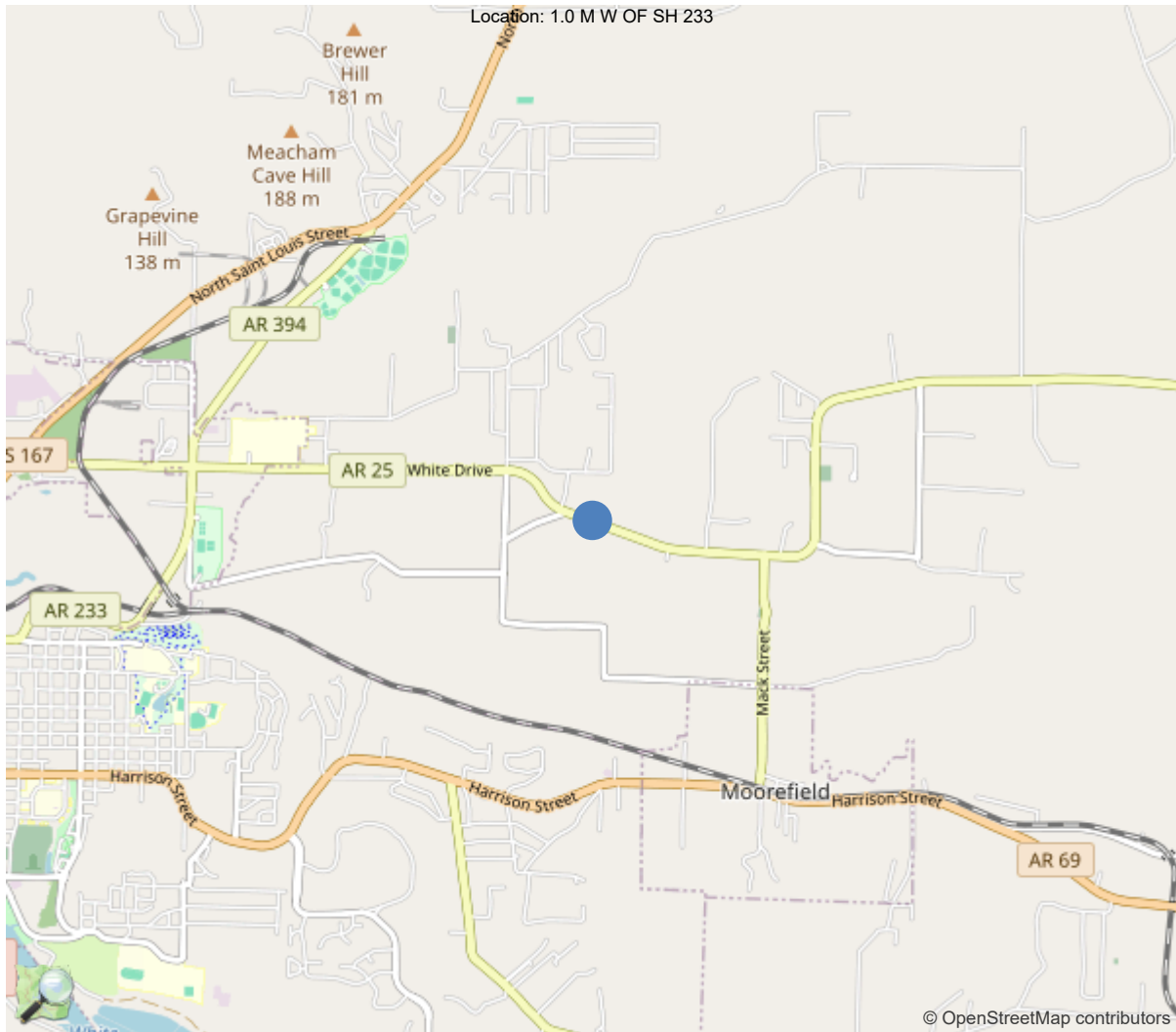
70 - Bridge Posting: 0 - > 39.9% below

Legal Load	Calculated Capacity	Beginning of Bridge Sign Current Value	End of Bridge Sign Current Value
Code 4 (22 Tons)	12	12	12
Code 9 (31 Tons)	14	14	14
Code 5 (40 Tons)	20	20	20

If calculated capacity is less than the Legal Load Listed, the Bridge Legally Requires Posting Signs to be installed by the Bridge Owner.



30"x36" AR



35.78755, -91.58637



Asset #M0591(Record Change)

SH 25/Independ. Co. over BLUE CREEK

Location: 1.0 M W OF SH 233

Team Lead: Seth Foreman Inspection Date: 08/14/2025

National Bridge Inventory Data Sheet

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	M0591
(5) Inventory Route	1
(2) Highway Agency District	05 - District 05
(3) County Code	63 - Independence County
(4) Place Code	0
(6) Features Intersected	BLUE CREEK
(7) Facility Carried	SH 25/Independ. Co.
(9) Location	1.0 M W OF SH 233
(11) Mile Point	2.96 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000025050
(16) Latitude	35.787552
(17) Longitude	-91.586365
(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	6
(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 pl
Type of Membrane	0 - None
Type of Deck Protection	0 - None
AGE AND SERVICE	
(27) Year Built	1955
(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	5000
(30) Year of ADT	2024
(109) Truck ADT	%
(19) Bypass, Detour Length	4 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	19 ft
(49) Structure Length	106 ft
(50) Curb or Sidewalk Width	
Left	0.7 ft
Right	0.7 ft
(51) Bridge Roadway Width Curb to Curb	24 ft
(52) Deck Width Out to Out	25.7 ft
(32) Approach Roadway Width (W/Shoulders)	22 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	24.9 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	1 - Navigation protection not
(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	5
(61) Channel & Channel Protection	5
(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	18
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	11
(70) Bridge Posting	0 - > 39.9% below
(41) Structure Open/Posted/Closed	P - Posted for load (may include
APPRAISAL	
(67) Structural Evaluation	
(68) Deck Geometry	2
(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 t
PROPOSED IMPROVEMENTS	
(75) Type of Work	31 - Replacement of bridge or
(76) Length of Structure Improvement	133 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 265
(96) Total Project Cost	\$ 787
(97) Year of Improvement Cost Estimate	2003
(114) Future ADT	6733
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date			08/13/2025
(91) Frequency			12
(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.			

Team Lead: Seth Foreman, Inspection Date: 08/14/2025

Specifications for National Bridge Inventory Sheets

IDENTIFICATION	
B.ID.01 Bridge Number	M0591
B.ID.02 Bridge Name	
B.ID.03 Previous Bridge No.	
B.W.01 Year Built	1955

LOCATION	
B.L.01 State Code	5 - Arkansas
B.L.02 County Code	63 - Independence County
B.L.03 Place Code	00000 - N/A
B.L.04 Highway Agency District	05 - District 05
B.L.05 Latitude	35.787552
B.L.06 Longitude	-91.586365
B.L.07 Border Bridge Number	
B.L.08 Border Bridge State or Country Code	
B.L.09 Border Bridge Insp. Resp.	
B.L.10 Border Bridge Designated Lead State	
B.L.11 Bridge Location	1.0 M W OF SH 233
B.L.12 Metropolitan Planning Organization	

CLASSIFICATION	
B.CL.01 Owner	S01 - State transportation departme
B.CL.02 Maint. Responsibility	S01 - State transportation departme
B.CL.03 Federal or Tribal Land Access	N - Not Applicable
B.CL.04 Historic Significance	N - Bridge is not eligible for the
B.CL.05 Toll	N - Bridge does not carry a toll ro
B.CL.06 Emergency Evacuation Designation	

ROADSIDE HARDWARE	
B.RH.01A Bridge Railing Type	
B.RH.01B Bridge Railing Year (YY)	
B.RH.01C Bridge Railing Test Level	
B.RH.02A Transition Type	
B.RH.02B Transition Year (YY)	
B.RH.02C Transition Test Level	

BRIDGE GEOMETRY	
B.G.01 NBIS Bridge Length	106
B.G.02 Total Bridge Length	106
B.G.03 Max Span Length	19
B.G.04 Min Span Length	15
B.G.05 Bridge Width Out-to-Out	25.6
B.G.06 Bridge Width Curb-to-Curb	24
B.G.07 Left Curb or Sidewalk Width	0.7
B.G.08 Right Curb or Sidewalk Width	0.7
B.G.09 Approach Roadway Width	22

B.G.10 Bridge Median	0 - No median
B.G.11 Skew	0
B.G.12 Curved Bridge	N - Not curved
B.G.13 Max Bridge Height	12
B.G.14 Sidehill Bridge	N - Not a sidehill bridge
B.G.15 Irregular Deck Area	
B.G.16 Calculated Deck Area	2713.6000000000004

LOADS AND LOAD RATING	
B.LR.01 Design Load	U - Unknown
B.LR.02 Design Method	
B.LR.03 Load Rating Date	
B.LR.04 Load Rating Method	LFR - Load Factor Rating
B.LR.05 Inventory Load Rating Factor	0.31
B.LR.06 Operating Load Rating Factor	0.5
B.LR.07 Controlling Legal Load Rating Factor	
B.LR.08 Routine Permit Loads	

INSPECTION REQUIREMENTS	
B.IR.01 NSTM Inspection Required	N - NSTM inspection not required.
B.IR.02 Fatigue Details	
B.IR.03 UW Inspection Required	N - Underwater inspection not requi
B.IR.04 Complex Feature	N - Bridge does not have complex fe

COMPONENT CONDITION RATINGS	
B.C.01 Deck Condition Rating	6 - SATISFACTORY - Widespread
B.C.02 Superstructure Condition	3 - SERIOUS - Major defects; s
B.C.03 Substructure Condition	5 - FAIR - Some moderate defec
B.C.04 Culvert Condition	N - NOT APPLICABLE - Component
B.C.05 Bridge Railing Condition	7 - GOOD - Some minor defects.
B.C.06 Bridge Railing Transitions Condition	N - NOT APPLICABLE - Component
B.C.07 Bridge Bearings Cond.	N - NOT APPLICABLE - Component
B.C.08 Bridge Joints Condition	N - NOT APPLICABLE - Bridge do
B.C.09 Channel Condition Rating	5 - FAIR - Moderate defects; b
B.C.10 Channel Protection Condition	
B.C.11 Scour Condition Rating	5 - Moderate scour; strength a
B.C.12 Bridge Condition Classification	P - Poor
B.C.13 Lowest Condition Rating	3 - SERIOUS - Major defects; s
B.C.14 NSTM Insp. Condition	N - NOT APPLICABLE - Component
B.C.15 UW Inspection Condition	

APPRAISAL	
B.AP.01 Approach Roadway Alignment	G - Good
B.AP.02 Overtopping Likelihood	1 - Remote - once every 100 years o
B.AP.03 Scour Vulnerability	0 - Scour appraisal has not been co
B.AP.04 Scour Plan of Action	0 - A scour POA is not required.
B.AP.05 Seismic Vulnerability	0 - Seismic evaluation not complete

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SPAN SETS			
M1			
B.SP.02 # of Spans	6	B.SP.08 Deck Interaction	IM - Integral or monolithic
B.SP.03 # of Beam Lines	7	B.SP.09 Deck Material and Type	C02 - Reinforced concrete - pr
B.SP.04 Span Material	C02 - Reinforced concrete - pr	B.SP.10 Wearing Surface	0 - None
B.SP.05 Span Continuity	1 - Simple or single span	B.SP.11 Deck Protective System	0 - None
B.SP.06 Span Type	G07 - Girder/beam - channel ad	B.SP.12 Deck Reinforcing Protective System	0 - None
B.SP.07 Span Protective System	0 - None	B.SP.13 Deck Stay-In-Place Forms	0 - None

SUBSTRUCTURE SETS			
A1			
B.SB.02 No. of Substructure Units	2	B.SB.05 Substructure Protective System	0 - None
B.SB.03 Substructure Material	C01 - Reinforced concrete - ca	B.SB.06 Foundation Type	F01 - Footing - not on rock
B.SB.04 Substructure Type	A01 - Abutment - cantilever/wa	B.SB.07 Foundation Protective System	0 - None
P1			
B.SB.02 No. of Substructure Units	2	B.SB.05 Substructure Protective System	0 - None
B.SB.03 Substructure Material	C01 - Reinforced concrete - ca	B.SB.06 Foundation Type	F01 - Footing - not on rock
B.SB.04 Substructure Type	P03 - Pier - multiple column	B.SB.07 Foundation Protective System	0 - None
P2			
B.SB.02 No. of Substructure Units	3	B.SB.05 Substructure Protective System	0 - None
B.SB.03 Substructure Material	C01 - Reinforced concrete - ca	B.SB.06 Foundation Type	F01 - Footing - not on rock
B.SB.04 Substructure Type	B01 - Bent - column or open	B.SB.07 Foundation Protective System	0 - None
W1			
B.SB.02 No. of Substructure Units	2	B.SB.05 Substructure Protective System	0 - None
B.SB.03 Substructure Material	M02 - Masonry - stone	B.SB.06 Foundation Type	F01 - Footing - not on rock
B.SB.04 Substructure Type	AX - Abutment - other	B.SB.07 Foundation Protective System	0 - None

HIGHWAY FEATURES			
H1			
B.F.02 Feature Location	C - Carried on bridge	B.H.09 Annual ADT	5500
B.F.03 Feature Name	SH 25/Independ. Co	B.H.10 Annual ADTT	55
B.H.01 Functional Classification	4 - Minor Arterial	B.H.11 Year of Annual ADT	2018
B.H.02 Urban Code	99999	B.H.12 Highway Max Usable Vertical Clearance	99.9
B.H.03 NHS Designation	N - Non-NHS	B.H.13 Highway Min Vertical Clearance	99.9
B.H.04 National Highway Freight Network	N - Not on the NHFN	B.H.14 Highway Min Horizontal Clearance, Left	
B.H.05 STRAHNET Designation	N - Not a STRAHNET route	B.H.15 Highway Min Horizontal Clearance, Right	
B.H.06 LRS Route ID	25050	B.H.16 Highway Max Usable Surface Width	24.6
B.H.07 LRS Mile Point	2.96	B.H.17 Bypass Detour Length	4
B.H.08 Lanes On Highway	2	B.H.18 Crossing Bridge Number	



Team Lead: Seth Foreman, Inspection Date: 08/14/2025

HIGHWAY ROUTES					
Highway Parent	B.RT.01 Route Designation	B.RT.02 Route Number	B.RT.03 Route Direction	B.RT.04 Route Type	B.RT.05 Service Type
H1	1	25	2-T - TEMP - Two-way traffic - NS or EW	3 - State route	1 - Mainline

WATERWAY FEATURES					
W1					
B.F.02 Feature Location	B - Below bridge	B.N.03 Movable Bridge Max Navigation Vertical Clearance			
B.F.03 Feature Name	Ble Creek	B.N.04 Navigation Channel Width			
B.N.01 Navigable Waterway	N - Not navigable waters	B.N.05 Navigation Channel Min Horizontal Clearance			
B.N.02 Navigation Min Vertical Clearance		B.N.06 Substructure Navigation Protection			

POSTING STATUS DATA	
B.PS.01 Load Posting Status	B.PS.02 Posting Status Change Date
(Inactive) (Inactive) PP-T - T	

LOAD EVALUATION AND POSTING			
B.EP.01 Legal Load Configuration	B.EP.02 Legal Load Rating Factor	B.EP.03 Posting Type	B.EP.04 Posting Value



Inspection Notes

General Observation

Elevation with Log Mile running to the left.

Structure was inspected with ladder underneath.
Hip waders were also used for inspection of structure.

Inspection Team: Seth Foreman and Rodney Barnett

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

Deck is in over-all satisfactory condition with some transverse cracking, spalling and patched areas, with the undersurface having some transverse efflorescent cracking and a few spalls at lifting holes with exposed wire mesh.

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.)

Superstructure is in over-all SERIOUS condition with large spalls with exposed rebar with section loss, some section loss to rebar is 100% and some locations have lost adhesion to the concrete.

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

The substructure is in over-all fair condition with some cracking, abrasion and scour at footings and pier-walls. Caps have a few cracks and spalls some with exposed rebar. Columns have some abrasion and a few spalls, some with exposed rebar.

61 - Channel/Channel Protection (5 - Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and brush restrict the channel.)

Channel/Channel protection is in overall fair condition with:
The channel has a large drift restricting flow at Spans 1 - 5.

A-19 - Code 4 (Beginning) (12)

Load Posting @ Abutment 1.

A-20 - Code 4 (End) (12)

Load Posting @ Abutment 2.

A-51 - Inspection Direction (4 - W to E)

Roadway with Log Mile running West to East.

A-108 - Load Rating Requested (No)

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B.C.05 Bridge Railing Condition Rating (7 - GOOD - Some minor defects.)

Both railings have surface corrosion.



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SH 25/Independ. Co. over BLUE CREEK
Location: 1.0 M W OF SH 233

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B.C.06 Bridge Railing Transitions Condition Rating (N)

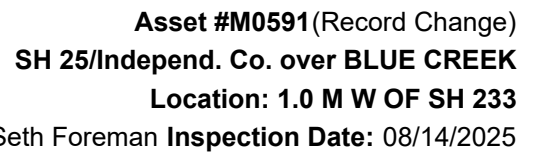
Rail is not attached to bridge.

B.C.07 Bridge Bearings Condition Rating (N)

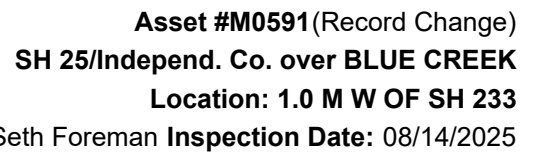
Channel beam bridge, no bearings. Sitting on asphalt board.

B.C.08 Bridge Joints Condition Rating (N)

No asphalt board in joints, some debris impaction typical of all joints.



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
16	Reinforced Concrete Top Flange	SF	2724	2531	168	25	0
1080	Delamination/Spall/Patched Area	SF	98	0	93	5	0
1090	Exposed Rebar	SF	18	0	0	18	0
1120	Efflorescence/Rust Staining	SF	9	0	7	2	0
1130	Cracking (RC and Other)	SF	68	0	68	0	0
(16) Span 1:							
Top Flange							
Unit 1 – 2' Transverse cracks to deck. 2' CS2							
Unit 2 - OK							
Unit 3 – 1' Transverse crack & 6' patched area at beginning of span. 1' CS2 (crack), 6' CS2 (patch)							
Unit 4 – 3' Transverse Crack to deck. 3' CS2							
Unit 5 – 8' Patched area to deck at beginning of span. 8' CS2							
Unit 6 – 2' Transverse cracks to deck. 2' CS2							
Unit 7 – 3' Transverse cracks to deck. 3' CS2							
Undersurface							
Unit 7 - 2' transverse efflorescence cracks to undersurface. 2' CS3							
Span 2:							
Top Flange							
Unit 1 – 3' Transverse cracks to deck. 3' CS2							
Unit 2 - OK							
Unit 3 – 2' Transverse crack to deck. 2' CS2							
Unit 4 - 3' Transverse crack to deck. 3' CS2							
Unit 5 – OK							
Unit 6 – OK							
Unit 7 – 4' Transverse cracks to deck. 4' CS2							
Undersurface							
Unit 1 - 2' transverse efflorescence cracks to undersurface. 2' CS2							
Unit 7 - 3' transverse efflorescence cracks to undersurface. 3' CS2							
Span 3:							
Top Flange							
Unit 1 –2' Transverse cracks to deck. 2' CS2							
3' patched area at end of span of span. 3' CS2							
Unit 2 - 4' patched area at end of span. 4' CS2							
Unit 3 – 2' Transverse crack to deck. 2' CS2							
2' patched area at end of span. 2' CS2							
Unit 4 - 3' Transverse crack to deck. 3' CS2							
Unit 5 – 6' patched area to at mid and end of span. 6' CS2							
Unit 6 – 3' Transverse cracks to deck. 3' CS2							
Unit 7 – 2' Transverse cracks to deck. 2' CS2							
3' patched area to deck at end of span. 3' CS2							
Undersurface							
Unit 1 - Spall with 2' wire mesh exposed to undersurface. 2' CS3							
Unit 6 - Spall with 3' wire mesh exposed. 3' CS3							
Unit 7 - Spall with 2' wire mesh exposed. 2' CS2							
Span 4:							
Top Flange							



(110) Several precast units have spalls with exposed rebar to Girders, some have efflorescent transverse cracks and other minor spalls and cracks.



Asset #M0591 (Record Change)

SH 25/Independ. Co. over BLUE CREEK

Location: 1.0 M W OF SH 233

Team Lead: Seth Foreman Inspection Date: 08/14/2025

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
Span 1:							
Unit 1 -	1' transverse crack to right leg. 1' CS2						
Unit 2 -	Spall with 12' of rebar exposed to left and right leg. 12' CS3						
	10' cracking to left and right leg. 10' CS3						
Unit 3 -	Spall with 19' of rebar exposed to left and right leg. 14' CS3						
	5' rebar is not adhered to left leg. 5' CS4						
Unit 4 -	Spall with 19' of rebar exposed to left and right leg. 19' CS3						
Unit 5 -	Spall with 19' of rebar exposed to left and right leg. 15' CS3						
	4' rebar is not adhered to left leg. 4' CS4						
Unit 6 -	Spall with 19' of rebar exposed to left and right leg. 15' CS3						
	4' rebar is not adhered to left leg. 4' CS4						
Unit 7 -	Spall with exposed rebar to concrete diaphragm end of span. 1' CS3.						
Span 2:							
Unit 1 -	Spall with 2' of rebar exposed to diaphragm at end of span. CS3						
	1' long crack to left and right leg near mid span. 1' CS3						
Unit 2 -	Spall with 19' of rebar exposed to left and right leg. 6' CS3						
	5' of rebar is not adhered to right leg. 8' CS4						
	4' of rebar is not adhered to left leg. 5' CS4						
	Spall with 1' of rebar exposed to diaphragm at beginning of span. CS3						
	Spall with 2' of rebar exposed to diaphragm at end of span. CS3						
Unit 3 -	Spall with 8' of rebar exposed to left leg. 8' CS3						
	6' longitudinal cracks to left and right leg. 6' CS3						
	Spall with 2' of rebar exposed to diaphragm at beginning of span. CS3						
	Spall with 2' of rebar exposed to diaphragm at end of span. CS3						
Unit 4 -	14' longitudinal crack to left leg. 14' CS3						
	1' spall with no rebar exposed to right leg. 1' CS3						
	Spall with 2' of rebar exposed to diaphragm at beginning of span. CS3						
	Spall with 1' of rebar exposed to diaphragm at mid span. CS3						
Unit 5 -	Spall with 19' of rebar exposed to left and right leg. 7' CS3						
	7' of rebar is not adhered to left leg. 7' CS4						
	5' of rebar is not adhered to right leg. 5' CS3						
	Spall with 1' of rebar exposed to diaphragm at beginning of span. CS3						
	Spall with 1' of rebar exposed to diaphragm at end of span. CS3						
Unit 6 -	Spall with 6' of rebar exposed to right leg. 6' CS3						



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	3' longitudinal crack to left leg. 3' CS3						
	Unit 7 - OK						
	Span 3:						
	Unit 1 -						
	4' spall to right leg. 4' CS3						
	Unit 2 -						
	10' longitudinal cracks to left and right leg. 10' CS3						
	Spall with 2' of rebar exposed to diaphragm at beginning of span. CS3						
	Unit 3 -						
	Spall with 12' of rebar exposed to right leg. 12' CS3						
	3' longitudinal crack to left leg. 3' CS3						
	Unit 4 -						
	12' longitudinal cracks to left and right leg. 12' CS3						
	Spall with 1' of rebar exposed to diaphragm at beginning of span. CS3						
	Spall with 1' of rebar exposed to diaphragm at end of span. CS3						
	Unit 5 -						
	Spall with 10' of rebar exposed to left leg. 6' CS3						
	4' of rebar is not adhered to left leg. 4' CS4						
	Unit 6 -						
	8' longitudinal cracks to left and right leg. 8' CS3						
	Unit 7 -						
	5' longitudinal cracks to left and right leg. 5' CS3						
	Spall with 1' of rebar exposed to diaphragm at beginning of span. CS3						
	Span 4:						
	Unit 1 -						
	3' efflorescence map cracking to right leg at beginning of span. 3' CS3						
	10' longitudinal crack to left and right leg. 10' CS3						
	3' of heavy deterioration with 3' of rebar not adhered to concrete to right leg at beginning of span. 3' CS4						
	Unit 2 -						
	Spall with 6' of rebar exposed to left leg. 6' CS3						
	4' longitudinal crack to right leg. 4' CS3						
	Spall with 1' of rebar exposed to diaphragm at beginning of span. CS3						
	Spall with 1' of rebar exposed to diaphragm at end of span. CS3						
	Unit 3 -						
	9' longitudinal crack to right leg. 9' CS3						
	Spall with 2' rebar exposed to diaphragm at beginning of span. CS3						
	2' efflorescence cracking to left and right leg of span 3. 2' CS3						
	Unit 4 -						
	10' longitudinal cracks to left and right leg. 10' CS3						
	Unit 5 -						
	Spall with 3' of rebar exposed with heavy deterioration to left leg. 3' CS3						
	6' longitudinal crack to left and right leg. 6' CS3						



Asset #M0591(Record Change)

SH 25/Independ. Co. over BLUE CREEK

Location: 1.0 M W OF SH 233

Team Lead: Seth Foreman Inspection Date: 08/14/2025

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
Unit 6 -	8' longitudinal crack to left and right leg. 8' CS3						
Unit 7 -	7' longitudinal crack to left and right leg. 7' CS3 Spall with 2' rebar exposed to diaphragm at end of span. CS3						
Span 5:							
Unit 1 -	14' longitudinal efflorescence crack to right leg. 14' CS3 Spall with 2' of rebar exposed to right leg. 2' CS3 Efflorescence map crack to right leg at end of span. 3' CS3						
Unit 2 -	Spall with 4' of rebar exposed to left leg. 4' CS3 7' longitudinal crack to left leg. 7' CS3 Spall with 2' of rebar exposed to diaphragm beginning of span. CS3						
Unit 3 -	Spall with 15' of rebar exposed to left and right leg. 12' CS 3 2' of rebar is not adhered to concrete on the left leg. 2' CS4 1' of rebar is not adhered to concrete on the right leg. 1' CS4						
Unit 4 -	Spall with 10' of rebar exposed to left and right leg. 10' CS3 13' longitudinal crack to left and right leg. 13' CS3 Spall with 2' of rebar exposed to diaphragm at beginning of span. CS3						
Unit 5 -	Spall with 2' of rebar exposed to right leg at end of span. 2' CS3 4' longitudinal crack to right leg. 4' CS3 Spall with 2' of rebar exposed to diaphragm at beginning of span. CS3						
Unit 6 -	Spall with 2' of rebar exposed to left leg. 2' CS3 8' longitudinal crack to left leg. 8' CS3						
Unit 7 -	Spall with 3' of rebar exposed to right leg. 3' CS3						
Span 6:							
Unit 1 -	Deep spall with 1' of rebar exposed to left and right leg at beginning of span with 2"-3" of flex when loaded . 1' CS4 7' efflorescence map cracking to right leg. 7' CS3 11' longitudinal cracks to right leg. 11' CS3						
Unit 2 -	Spall with 16' of rebar exposed to left and right leg. 12' CS3 4' of rebar is not adhered to concrete on the right leg. 4' CS4 3' longitudinal crack to left leg. 3' CS3 Spall with 1' of rebar exposed to diaphragm at beginning of span. CS3						
Unit 3 -	Spall with 12' of rebar exposed to left leg. 12' CS3 4' longitudinal crack to left and right leg. 4' CS3 Spall with ' of rebar exposed to diaphragm at beginning of span. CS3						



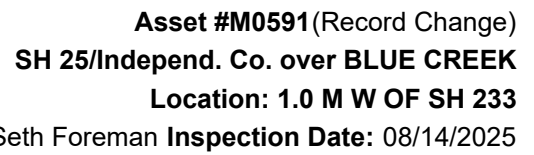
Asset #M0591(Record Change)

SH 25/Independ. Co. over BLUE CREEK

Location: 1.0 M W OF SH 233

Team Lead: Seth Foreman Inspection Date: 08/14/2025

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
Unit 4 - Spall with 15' of rebar exposed to left and right leg. 10' CS3 3' of rebar is not adhered to left leg. 3' CS4 2' of rebar is not adhered to right leg. 2' CS4 Unit 5 - Spall with 6' of rebar exposed to left and right leg. 6' CS3 5' longitudinal crack to right leg. 5' CS3 Unit 6 - Spall with 19' of rebar exposed to right leg. 5' CS3 14' of rebar is not adhered to the right leg. 14' CS4 Unit 7 - Spall with 2' of rebar exposed to right leg. 2' CS3 4' longitudinal crack to left leg. 4' CS3							
205	Reinforced Concrete Column	EA	15	11	0	4	0
1090	Exposed Rebar	EA	3	0	0	3	0
1190	Abrasion/Wear (PSC/RC)	EA	1	0	0	1	0
(205) Bent 1 - OK							
Bent 2 - spall 1' of rebar exposed to column 2. 1' CS 3 Bent 3 - Spall with 1' of rebar exposed to bottom of column 1. 1' CS 3 Spall with 1' of rebar exposed to bottom of column 3. 1' CS 3 Bent 4 - OK Bent 5 - OK							
210	Reinforced Concrete Pier Wall	LF	60	27	30	3	0
1010	Cracking	LF	3	0	0	3	0
1190	Abrasion/Wear (PSC/RC)	LF	30	0	30	0	0
(210) Cracking to Concrete Pier Wall @ Bent 3.(#3) Abrasion to bottom of Pier Walls. Bent 1 - 15' of moderate abrasion to pier wall. 15' CS 2 Bent 2 - 15' of moderate abrasion to pier wall. 15' CS 2 Bent 3 - 2' crack to backside of pier wall. 2' CS 3 Bent 4 - OK							
215	Reinforced Concrete Abutment	LF	78	60	5	13	0



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
1130	Cracking (RC and Other)	LF	5	0	5	0	0
6000	Scour	LF	13	0	0	13	0
(215) Abutment 1 - Scour to left and right wings. 5' CS 3							
Abutment 2 - Scour to Right end of abutment. 8' CS 3 Minor vertical cracks to Abutment. 5' CS 2							
220	Reinforced Concrete Pile Cap/Footing	LF	50	0	45	5	0
6000	Scour	LF	50	0	45	5	0
(220) Footings are exposed @ Bents 3, 4 & 5. 45' CS 2, 5' CS 3							
234	Reinforced Concrete Pier Cap	LF	133	110	12	11	0
1080	Delamination/Spall/Patched Area	LF	9	0	2	7	0
1090	Exposed Rebar	LF	4	0	0	4	0
1130	Cracking (RC and Other)	LF	10	0	10	0	0
(234) Bent 1 - Spall with 2' of rebar exposed to right ahead side of cap. 2' CS 3 2' Spall with no rebar exposed to cap on ahead side. 2' CS 2							
Bent 2 - OK							
Bent 3 - 1' spall with no rebar exposed to back side of cap under unit 4. 1' CS 3 Spall with 1' of rebar exposed to left end of cap. 1' CS 3							
Bent 4 - Spall with 6" of rebar exposed to back side of cap over column 3. 1' CS 3 4' of spalls to ahead side of cap. 4' CS 3 1' crack to left ahead side of cap near unit 1. 1' CS 3							
Bent 5 - 2' spall with no rebar exposed to back side of cap under units 4 & 6. 2' CS 3 9' horizontal crack to back side of cap. 9' CS 2							
304	Open Expansion Joint	LF	129	129	0	0	0
330	Metal Bridge Railing	LF	212	0	0	212	0
1000	Corrosion	LF	212	0	0	212	0
515	Steel Protective Coating	SF	636	0	318	0	318
3440	Effectiveness (Steel Protective Coatings)	SF	636	0	318	0	318
(330) Bridge rail has minor corrosion throughout. Spalls with rebar exposed to Left & Right curbs.							

Inspection Photos and Notes



Elevation with Log Mile running to the east.



Roadway with Log Mile running West to East.



Spall with exposed rebar to right leg of unit 1 beginning of span 6.



Concrete Precast Units
Spalls w/corroded rebar exposed to units @ all Spans.
Span 6.



Units that have spalls with rebar exposed that have lost adhesion to concrete: Span 6 unit 6.



Spalls to caps throughout.



Concrete Precast Units
Spalls w/corroded rebar exposed to units @ all Spans.
Span 5.



Undersurface photo.



Concrete Precast Units
Spalls w/corroded rebar exposed to units @ all Spans.
Span 3.



Drift @ Spans 1 - 5. Beginning to cause local scour.



Load posting sign at abutment 2.



Right channel.



Left channel.



Spall with exposed rebar to unit 5 beginning of span 4.



Spall with exposed rebar to unit 5 beginning of span 4.



Severe patched concrete areas to units throughout.



Overall deck.



Overall deck.



Load posting sign at abutment 1.

Maintenance Needs

Date Reported: 08/13/2025

Priority: CF - Critical Finding - Immediate

Status: Open

Type of Work: Superstructure Repair

Component: Bridge

Deficiency Description

Deep spall with 1' exposed rebar to right leg begging of span 6.
Unit flexes 2" - 3" for the first 3' under heavy traffic load

Remarks



08/13/2025

Spall with exposed rebar to right leg of unit 1 beginning of span 6.



08/13/2025

Spall with exposed rebar to right leg of unit 1 beginning of span 6.



08/13/2025

Spall with exposed rebar to right leg of unit 1 beginning of span 6.



08/13/2025

Spall with exposed rebar to right leg of unit 1 beginning of span 6.



Spall with exposed rebar to right leg of unit 1 beginning of span 6.

Maintenance Needs

Date Reported: 08/31/2021

Priority: A - Safety deficiency; requires prompt action

Status: Assigned

Type of Work: Repair (General)

Component: Bridge

Deficiency Description

Units that have spalls with rebar exposed with some that have lost adhesion to concrete:

Span 1 Unit 6

Span 2 Units 2 & 5

Span 3 Unit 5

Span 6 Units 2, 4 & 6

Span 1 - Units 2 & 4 (Precast) have large deep spall with rebar exposed @ beginning of span with 100% s/l to stirrups.

Span 2 - Units 2 & 3 (Precast) have large deep spalls with rebar exposed with heavy section loss @ middle of span.

Span 4 - Unit 1 (Precast) has large deep spall with rebar exposed with section loss @ beginning of span.

Span 6 - Unit 1 (Precast) has large deep spalls & cracking to Lt. & Rt. sides of Rt. girder @ Beg. of span.

Spalls with corroded rebar exposed to units at all Spans.

Remarks



08/13/2025

Units that have spalls with rebar exposed that have lost adhesion to concrete: Span 6 unit 6.



08/14/2025

Undersurface photo.



08/13/2025

Units that have spalls with rebar exposed that have lost adhesion to concrete: Span 3 Unit 5.



08/13/2025

Units that have spalls with rebar exposed that have lost adhesion to concrete: Span 2 Unit 5.



08/13/2025

Span 1 - Units 2 & 4 (Precast) have large deep spall with rebar exposed @ beginning of span with 100% s/l to stirrups.



08/13/2025

Units that have spalls with rebar exposed that have lost adhesion to concrete: Span 1 Unit 3.



Units that have spalls with rebar exposed that have lost adhesion to concrete: Span 1 Unit 6.



Deep spall right leg unit 1 span 6.



Right leg unit 6 span 6.



Exposed rebar right leg unit 7 span 6.



Exposed rebar right leg unit 6 span 6.



Exposed rebar to left and right leg unit 5 span 6.



Exposed rebar to left and right leg unit 4 span 6.



Exposed rebar to left leg unit 3 span 6.



Exposed rebar to left and right leg unit 2 span 6.



Undersurface span 6.



Exposed rebar left leg unit 6 and right leg unit 7 span 5.



Exposed rebar to left and right leg unit 4 span 5.



Exposed rebar left leg unit 2 and left and right leg unit 3 span 5.



Undersurface span 5.



Exposed rebar left leg unit 5 span 4.



Exposed rebar left leg unit 2 span 4.



Exposed rebar right leg unit 3 span 3.



Exposed rebar left leg unit 5 span 3.



Exposed rebar left and right leg unit 5 span 2.



Exposed rebar left and right leg unit 6 span 1.



Exposed rebar left leg unit 3 span 1.



Spalls with rebar exposed with 100% s/l to stirrups @
Girder 2 @ Span 2.



Spalls with rebar exposed with heavy s/l to Girder 7 @
Span 6. 14' of rebar is not adhered to concrete.



Spalls with rebar exposed with heavy s/l to Girder 7 @
Span 6. 14' of rebar is not adhered to concrete.



Spalls with rebar exposed with heavy s/l to Girder 4 @ Span 6. 4' of rebar is not adhered to concrete.



Spalls with rebar exposed with heavy s/l to Girder 2 @ Span 6. 4' of rebar is not adhered to concrete.



Spalls with rebar exposed with heavy s/l to Girder @ Unit 5 @ Span 3. 3' of rebar is not adhered to concrete.



Spalls with rebar exposed with heavy s/l to Girder @ Unit 2 @ Span 2. 7' of rebar is not adhered to concrete.



Spalls with rebar exposed with heavy s/l to Girder @ Unit 5 @ Span 2. 10' of rebar is not adhered to concrete.



Spalls with rebar exposed with heavy s/l to Girder @ Unit 5 @ Span 2. 10' of rebar is not adhered to concrete.



08/28/2023

Spalls with rebar exposed with heavy s/l to Girder 6 @ Span 1. 4' of rebar is not adhered to concrete.



08/28/2023

Spall with rebar exposed with 100% s/l to stirrups @ Girder 4 @ Span 1.



08/28/2023

Spalls with rebar exposed with 100% s/l to stirrups @ Girder 2 @ Span 1.

Maintenance Needs

Date Reported: 08/13/2025

Priority: B - Pressing

Type of Work: Channel Work/Drift Removal

Status: Open

Component: Channel

Deficiency Description

Drift at Spans 1 - 5. Beginning to cause local scour at bent 4.

Remarks

Drift is starting to cause scour at bent 4.



Drift @ Spans 1 - 5. Beginning to cause local scour at bent 4.



Drift @ Spans 1 - 5. Beginning to cause local scour.



Drift @ Spans 1 - 5. Beginning to cause local scour.



Drift @ Spans 1 - 5. Beginning to cause local scour.



Scour 2' down 1' under bent 4.



Drift @ Spans 1 - 5.



Drift @ Spans 1 - 5.



Drift @ Spans 1 - 5.

Maintenance Needs

Date Reported: 09/05/2024

Priority: B - Pressing

Type of Work: Deck Repair

Status: Assigned

Component: Deck

Deficiency Description

Spall to deck unit 1 end of span 6.

Remarks



Spall to deck unit 1 end of span 6.

Maintenance Needs

Date Reported: 08/23/2022

Priority: C - Important

Type of Work: Repair (General)

Status: Monitor

Component: Bridge

Deficiency Description

Left side ahead of cap @ Bent 4 has spall with rebar exposed under Girder 1.

Remarks



Left side ahead of cap @ Bent 4 has spall with rebar exposed under Girder 1.

Maintenance Needs

Date Reported: 08/23/2022

Priority: C - Important

Type of Work: Repair (General)

Status: Monitor

Component: Bridge

Deficiency Description

Erosion to Left & Right wings @ Abutment 2 with Left wing starting to crack.

Remarks



Erosion to wing and left side of abutment 2.



Erosion to wing and right side of abutment 2.



Erosion to wing and right side of abutment 2.



Erosion to wing and right side of abutment 2.



Erosion to wing and left side of abutment 2.



Erosion to Left & Right wings @ Abutment 2 with Left wing starting to crack.



Erosion to Lt & Rt wing @ abutment 2 with Lt wing starting to crack.



Erosion to Lt & Rt wing @ abutment 2 with Lt wing starting to crack.

Routine Maintenance

Check Box Maintenance Items

Type of Maintenance	Is Recommended?
A-54 - Sealable Deck Cracks	No
A-55 - Deck Washing Needed	No
A-56 - Joint Cleaning/Flushing Needed	No
A-57 - Beam End and Bearing Paint Needed	No
A-58 - Cap Cleaning/Flushing Needed	No
A-59 - Joint Repair Needed	No
A-60 - Full Beam Painting Needed	No
A-61 - Polymer Overlay Advised	No
A-62 - Hydro and LMC Advised	No
A-63 - Missing/Incorrect Log Mile Signage	No
A-64 - Vegetation Removal Requested	No
A-65 - Clogged deck drains?	
A-66 - Approach minor pothole/leveling needed	

A-54 - Sealable Deck Cracks (No)

A-55 - Deck Washing Needed (No)

A-56 - Joint Cleaning/Flushing Needed (No)



Asset #M0591(Record Change)
SH 25/Independ. Co. over BLUE CREEK
Location: 1.0 M W OF SH 233

Team Lead: Seth Foreman **Inspection Date:** 08/14/2025

A-57 - Girder End and Bearing Painting Needed (No)

A-58 - Cap Cleaning/Flushing Needed (No)

A-59 - Joint Repair Needed (No)

A-60 - Full Girder Painting Needed (No)

A-61 - Polymer Overlay Advised (No)

A-62 - Hydro and LMC Advised (No)

A-63 - Missing/Incorrect Log Mile Signage (No)

A-64 - Vegetation Removal Requested (No)

A-65 - Clogged deck drains?



Asset #M0591 (Record Change)

SH 25/Independ. Co. over BLUE CREEK

Location: 1.0 M W OF SH 233

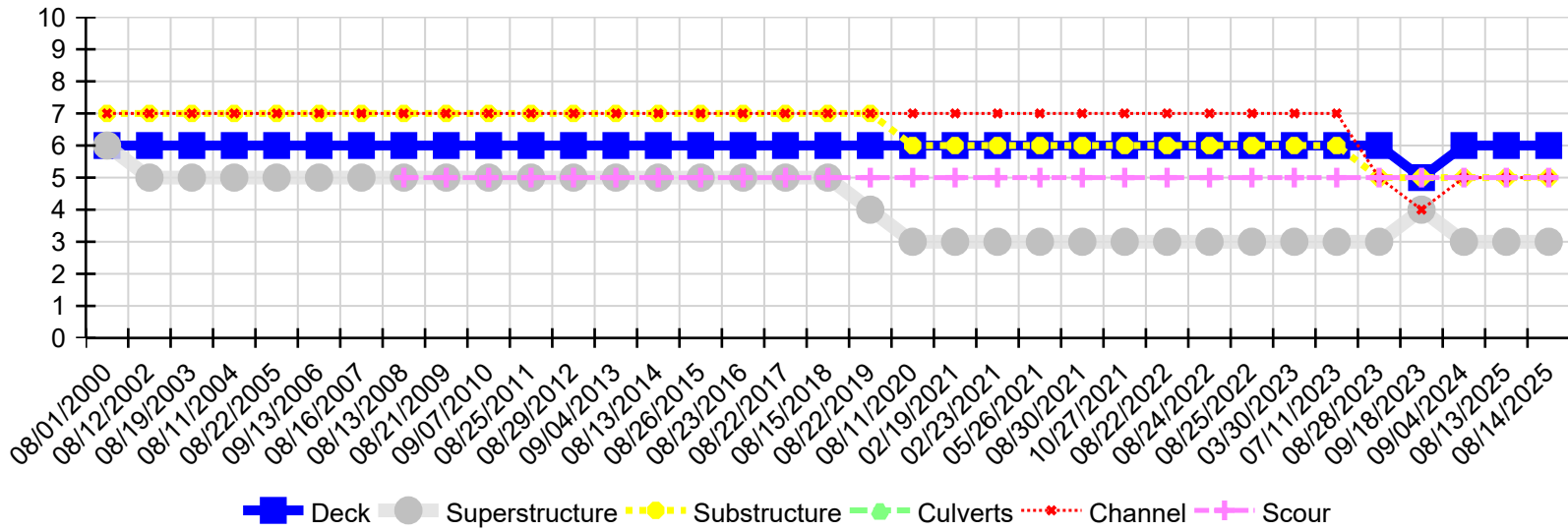
Team Lead: Seth Foreman **Inspection Date:** 08/14/2025

A-66 - Approach minor pothole/leveling needed



Asset #M0591(Record Change)
SH 25/Independ. Co. over BLUE CREEK
Location: 1.0 M W OF SH 233
Team Lead: Seth Foreman Inspection Date: 08/14/2025

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
08/14/2025	6	3	5	N	5	5
08/13/2025	6	3	5	N	5	5
09/04/2024	6	3	5	N	5	5
09/18/2023	5	4	5	N	4	5
08/28/2023	6	3	6	N	7	5
08/28/2023	6	3	5	N	5	5
07/11/2023	6	3	6	N	7	5
03/30/2023	6	3	6	N	7	5
08/25/2022	6	3	6	N	7	5
08/24/2022	6	3	6	N	7	5
08/22/2022	6	3	6	N	7	5
10/27/2021	6	3	6	N	7	5
08/30/2021	6	3	6	N	7	5
05/26/2021	6	3	6	N	7	5
02/23/2021	6	3	6	N	7	5
02/19/2021	6	3	6	N	7	5
08/11/2020	6	3	6	N	7	5
08/22/2019	6	4	7	N	7	5
08/15/2018	6	5	7	N	7	5
08/22/2017	6	5	7	N	7	5
08/23/2016	6	5	7	N	7	5
08/26/2015	6	5	7	N	7	5
08/13/2014	6	5	7	N	7	5
09/04/2013	6	5	7	N	7	5
08/29/2012	6	5	7	N	7	5
08/25/2011	6	5	7	N	7	5
09/07/2010	6	5	7	N	7	5



Asset #M0591(Record Change)
SH 25/Independ. Co. over BLUE CREEK
Location: 1.0 M W OF SH 233

Team Lead: Seth Foreman **Inspection Date:** 08/14/2025

Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
08/21/2009	6	5	7	N	7	5
08/13/2008	6	5	7	N	7	5
08/16/2007	6	5	7	N	7	N
09/13/2006	6	5	7	N	7	N
08/22/2005	6	5	7	N	7	N
08/11/2004	6	5	7	N	7	N
08/19/2003	6	5	7	N	7	N
08/12/2002	6	5	7	N	7	N
08/01/2000	6	6	7	N	7	N