



Missouri Department of Transportation
Bridge Inventory and Inspection System
State Inspection Report

January 21, 2026
9:50:06am

Maintained by County: IRON Class: STBR Facility Carried: MO 49 S Bridge Status: OPEN-NORST Federal ID (L.01): 4779 Bridge #: G0878
Maintained by District: SE Compass Direction: EAST TO WEST Feature Intersected: UP RR Alias: Year Built (W.01): 1927 Rehab #: 1

GENERAL STRUCTURE INFORMATION					
SNBI District (L.04): SE	Place (L.030): 74698 UNION	Detour Length (H.17): 40 MI	Condition Classification (C.12): POOR		
SNBI County (L.02): IRON	PLSS: S 25 T 31 R 3 E	NHS (H.03): NO	Lowest Condition Rating (C.13): 4-POOR CONDITION		
Owner (CL.01): MODOT	Latitude (L.05): 37 20 53.18 (DMS)	Emergency Route (CL.06):	Scour Vulnerability (A.03):		
Maintenance (CL.02): MODOT	Longitude (L.06): -90 40 23.2 (DMS)	Fracture Critical (IR.01): NO	Scour POA (A.04): NOT APPLICABLE-NO WATERWAY		
Sub Area: 7H37 PIEDMONT	Log Mile (H.07):	E/E' Fatigue Details (IR.02):	Seismic Vulnerability (A.03): EVAL NOT REQUIRED		
Commercial Zone: NO	Lanes On (H.08):	Complex Features (IR.04):	Seismic Category: CATEGORY A		
Commercial Zone Type:	Direction Traffic (RT.03): 2-WAY TRAFFIC	Drive/Deep Wade Required (IR.03): NO			
Bridge Name (ID.02): G0878_1					
Location Description:					
Location (L.11): S 25 T 31 R 3 E-					

GENERAL BRIDGE GEOMETRY					
Bridge Length (B.02): 127 FT 0 IN	Out to Out Width (G.05): 23 FT 0 IN	Wearing Surface Thickness: 1.5 IN	Max Skew (G.11): 24		
Max Span Length (G.03): 38 FT 5 IN	Curb to Curb Width (G.06): 20 FT 0 IN	Fill Depth:	Bridge Median (G.10): NO MEDIAN		
Min Span Length (G.04): 21 FT 6 IN	Left Curb/Sidewalk (G.07): 0 FT 0 IN	Culvert Barrel Length:	Curved Bridge (G.12):		
Maximum Bridge Height (G.13):	Right Curb/Sidewalk (G.08): 0 FT 0 IN	Irregular Deck Area (G.15):	Flared Structure: NO		
Vertical Clearane Over (H.13):	Approach Width (G.09): 22 FT 0 IN	Calculated Deck Area (G.16): 2921			

GENERAL STRUCTURE COMMENTS					
(21'-23') SMP CONC SOLID SLAB - (38') SMP DECK GDR - (23'-21') SMP CONC SOLID SLAB SPANS --(BOWDEJ1, 08/28/2008)					

TRAFFIC INFORMATION	ADVANCED SIGN INFORMATION			ASSOCIATED STRUCTURES			BORDER BRIDGE INFORMATION
Functional Class (H.01):	Sign Type	Sign Status	Direction	Association Type	Bridge #	Federal ID	Highway Record
Average Daily Traffic (H.09): 973							
Average Daily Truck Traffic (H.10): 82							
Average Daily Traffic Year (H.11): 2024							
Freight Network (H.04):							
STRAHNET (H.05):							

DistrictAbbr = SE and Design_No = g0878 and County = IRON



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APPROVED POSTING INFORMATION

Category	Ton1	Ton2	Ton3
S-1	0	0	0

Text: NO POSTING REQUIRED

Comment:

FIELD POSTING INFORMATION

Category	Ton1	Ton2	Ton3	Posting Sign Problem	Problem Direction
S-1	0	0	0		

Text: NO POSTING REQUIRED

Comment:

POSTING STATUS CHANGE HISTORY*

	<u>Posting Class</u>	<u>Status A</u>	<u>Status B</u>	<u>Change Date (PS.02)</u>	<u>SNBI Code (PS.01)</u>	<u>Submittal Year</u>
1	APPROVED	PERMANENT	UNRESTRC OPEN	5/18/2001	PO	2025

* The Inspection Report will show the most recent posting status change history that has been coded. Statuses not shown may be found in the Bridge Management System

COMPONENT CONDITION AND APPRAISAL RATINGS

Deck Rating (C.01): 5-FAIR CONDITION
Rating Date: 10/12/2017

Comments: DIAGONAL CRACKS & SATURATION --(DENNIB1, 10/14/2015)

Superstructure Rating (C.02): 4-POOR CONDITION
Rating Date: 10/26/2021

Comments: SPALLS --(BRAWLK1, 10/26/2021)

Substructure Rating (C.03): 4-POOR CONDITION
Rating Date: 10/26/2021

Comments: VERTICAL CRACKS & DETERIORATION --(DENNIB1, 10/14/2015)

Culvert Rating (C.04): N-NOT APPLICABLE
Rating Date: 5/18/2001

Comments:

Bridge Railing (C.05): 6-SATISFACTORY CONDITION
Rating Date: 10/28/2019

Comments:

Transition Railing (C.06): 6-SATISFACTORY CONDITION
Rating Date: 10/28/2019

Comments:

Bearings Rating (C.07): 5-FAIR CONDITION
Rating Date: 1/9/2026

Comments:

Joints Rating (C.08): N-NOT APPLICABLE
Rating Date: 1/9/2026

Comments:

Channel Rating (C.09): N-NOT APPLICABLE
Rating Date: 5/18/2001

Comments:

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Channel Protection Rating (C.10): N-NOT APPLICABLE
Rating Date: 5/18/2001

Comments:

Scour Rating (C.11): N-NOT APPLICABLE
Rating Date: 5/18/2001
Scour Evaluation: NOT APPLICABLE

Comments:

Fracture Critical Member (C.14): N-NOT APPLICABLE
Rating Date: 1/9/2026

Comments:

Underwater Member (C.15): N-NOT APPLICABLE
Rating Date: 1/9/2026

Comments:

Approach Alignment (AP.01): POOR, SUBSTANL SPEED DROP
Rating Date: 5/18/2001

Comments:

Overtopping Likelihood (AP.02): NA-NO WATERWAY
Rating Date: 5/18/2001

Comments:

INSPECTION PLANNING

Work Zone Type:
Work Zone Note:

Typical Application:
Access Note:

INITIAL INSPECTION

Inspection Type (IE.01):
Inspection Category:
Inspection Responsibility:
Frequency (IE.05):
Inspection Note (IE.11):

Begin Date (IE.02):
End Date (IE.03):
Next Due Date (IE.06):
Data Entry Date (IE.10):

RBI Method (IE.07):
QC Date (ID.08):
QA Date (ID.09):
Submit SNBI:

Inspectors

Team Leader (IE.04):	
Inspector 2:	
Inspector 3:	
Inspector 4:	
Inspector 5:	

Access and Inspection Equipment (IE.12)

Type	Equipment Name

Inspection Comment:

ROUTINE INSPECTION

Inspection Type (IE.01): ROUTINE
Inspection Category: GENERAL
Inspection Responsibility: DISTRICT
Frequency (IE.05): 12
Inspection Note (IE.11): A Routine General inspection was perfomed on the structure.

Begin Date (IE.02): 6/16/2025
End Date (IE.03): 6/16/2025
Next Due Date (IE.06): 6/16/2026
Data Entry Date (IE.10): 6/17/2025

RBI Method (IE.07): NBIS METHOD 1
QC Date (ID.08):
QA Date (ID.09):
Submit SNBI: YES

Inspectors

Team Leader (IE.04):	STEVE RIGHTNOWAR
Inspector 2:	
Inspector 3:	
Inspector 4:	
Inspector 5:	

Access and Inspection Equipment (IE.12)

Type	Equipment Name

Inspection Comment:

FRACTURE CRITICAL INSPECTION

Inspection Type (IE.01):
Inspection Category:
Inspection Responsibility:
Frequency (IE.05):
Inspection Note (IE.11):

Begin Date (IE.02):
End Date (IE.03):
Next Due Date (IE.06):
Data Entry Date (IE.10):

RBI Method (IE.07):
QC Date (ID.08):
QA Date (ID.09):
Submit SNBI:

Inspectors

Team Leader (IE.04):	
Inspector 2:	
Inspector 3:	
Inspector 4:	
Inspector 5:	

Access and Inspection Equipment (IE.12)

Type	Equipment Name

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UNDERWATER INSPECTION

Inspection Type (IE.01):

Inspection Category:

Inspection Responsibility:

Frequency (IE.05):

Inspection Note (IE.11):

Inspection Comment:

Begin Date (IE.02):

End Date (IE.03):

Next Due Date (IE.06):

Data Entry Date (IE.10):

RBI Method (IE.07):

QC Date (ID.08):

QA Date (ID.09):

Submit SNBI:

Inspectors

Team Leader (IE.04):	
Inspector 2:	
Inspector 3:	
Inspector 4:	
Lead Diver:	

Access and Inspection Equipment (IE.12)

Type	Equipment Name

IN-DEPTH INSPECTION

Inspection Type (IE.01):

Inspection Category:

Inspection Responsibility:

Frequency (IE.05):

Inspection Note (IE.11):

Inspection Comment:

Begin Date (IE.02):

End Date (IE.03):

Next Due Date (IE.06):

Data Entry Date (IE.10):

RBI Method (IE.07):

QC Date (ID.08):

QA Date (ID.09):

Submit SNBI:

Inspectors

Team Leader (IE.04):	
Inspector 2:	
Inspector 3:	
Inspector 4:	
Inspector 5:	

Access and Inspection Equipment (IE.12)

Type	Equipment Name

SPECIAL INSPECTION

Inspection Type (IE.01):

Inspection Category:

Inspection Responsibility:

Frequency (IE.05):

Inspection Note (IE.11):

Inspection Comment:

Begin Date (IE.02):

End Date (IE.03):

Next Due Date (IE.06):

Data Entry Date (IE.10):

RBI Method (IE.07):

QC Date (ID.08):

QA Date (ID.09):

Submit SNBI:

Inspectors

Team Leader (IE.04):	
Inspector 2:	
Inspector 3:	
Inspector 4:	
Inspector 5:	

Access and Inspection Equipment (IE.12)

Type	Equipment Name

DATA COLLECTION INSPECTION

Inspection Type (IE.01):

Inspection Category:

Inspection Responsibility:

Frequency (IE.05):

Inspection Note (IE.11):

Inspection Comment:

Begin Date (IE.02):

End Date (IE.03):

Next Due Date (IE.06):

Data Entry Date (IE.10):

RBI Method (IE.07):

QC Date (ID.08):

QA Date (ID.09):

Submit SNBI:

Inspectors

Team Leader (IE.04):	
Inspector 2:	
Inspector 3:	
Inspector 4:	
Inspector 5:	

Access and Inspection Equipment (IE.12)

Type	Equipment Name

DAMAGE INSPECTION

Inspection Type (IE.01):

Inspection Category:

Inspection Responsibility:

Frequency (IE.05):

Inspection Note (IE.11):

Inspection Comment:

Begin Date (IE.02):

End Date (IE.03):

Next Due Date (IE.06):

Data Entry Date (IE.10):

RBI Method (IE.07):

QC Date (ID.08):

QA Date (ID.09):

Submit SNBI:

Inspectors

Team Leader (IE.04):	
Inspector 2:	
Inspector 3:	
Inspector 4:	
Inspector 5:	

Access and Inspection Equipment (IE.12)

Type	Equipment Name



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SCOUR MONITORING INSPECTION

Inspection Type (IE.01):

Inspection Category:

Inspection Responsibility:

Frequency (IE.05):

Inspection Note (IE.11):

Inspection Comment:

Begin Date (IE.02):

End Date (IE.03):

Next Due Date (IE.06):

Data Entry Date (IE.10):

RBI Method (IE.07):

QC Date (ID.08):

QA Date (ID.09):

Submit SNBI:

Inspectors

Team Leader (IE.04):	
Inspector 2:	
Inspector 3:	
Inspector 4:	
Inspector 5:	

Access and Inspection Equipment (IE.12)

Type	Equipment Name

OUTFALL INSPECTIONS

Outfall Inspection Required:

Outfalls Exist:

Inspection Date:

Inspection Type:

Inspection Category:

Inspection Responsibility:

Frequency:

Inspectors

Team Leader (IE.04):	
Inspector 2:	
Inspector 3:	
Inspector 4:	
Inspector 5:	

Outfall Type Outfall Status Location Description

Outfall Notes

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STIP PROGRAMMING INFORMATION

Project Number	Letting	Fiscal Year	Main Work Category	Secondary Work Category	Complete	Completion Year	STIP Project Description

RECOMMENDED STIP CONTRACT WORK

Recommended Project Type	Year	Date Entered	Recommended Project Description	Comment

RECOMMENDED MAINTENANCE WORK HISTORY

Responsibility	Work Category	Work Location	Work Recommendation Description	Desired Date	Priority	Entry Date	Completed	Completed By	Completion Date	Comment
DISTRICT SPECIAL	SUBSTRUCTURE	BENT	MISCELLANEOUS	10/14/2015	2-HIGH-INSF-FAR	10/14/2015	NO			REPAIR BOTTOM OF BENT #3 AND END OF BENT # (DENNIB1, 10/14/2015)

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COMPLETED MAINTENANCE WORK HISTORY										
Responsibility	Work Category	Work Location	Work Recommendation Description	Desired Date	Priority	Entry Date	Completed	Completed By	Completion Date	Comment
REGIONAL	SUBSTRUCTURE	BENT-COLUMN	REPAIR COLUMN OR SHAFT		PREV/REACT	10/19/2011	YES	7HBM	10/2/2014	BAND INT BENT COLUMNS - VERTICAL CRACKS (SIMPSB, 03/15/2002)
REGIONAL	SUBSTRUCTURE	BENT-CAPS	REPAIR BEAM CAP ENDS		PREV/REACT	10/19/2011	YES	7HBM	10/2/2014	
REGIONAL	SUPERSTRUCTURE	SEE COMMENT	REPAIR GIRDER ENDS		HIGH/FAR	10/22/2013	YES	7HBM	10/2/2014	REPAIR GIRDER ENDS --(DENNIB1, 10/28/2013)
REGIONAL	SUPERSTRUCTURE	SUPER-GIRDERS	REPAIR GIRDER ENDS		HIGH/FAR	10/7/2015	YES	REGIONAL	10/24/2019	

UTILITY ATTACHMENTS										
Utility Type	Owner	Attachment Method	Number	Measurement Type	Value	Unit of Measurement	Agreement	Annual Payment	Comment	

PAINT INFORMATION										
Overall Condition:			Rust Rating:		Steel Tonnage:					
Paint Category	Paint Type Code	Paint Long Name	Paint Manufacturer	Paint Color	Year Applied	Thickness (Mils)	Surface Preparation	Level of Painting/Location	Comment	

HIGHWAY FEATURES ABOVE BRIDGE											
Feature Type (F.01)	Feature Name (F.03)	# Lanes (H.08)	Primary Route		Vertical Clearance						
			Type (RT.04) - Number (RT.02) - Direction (RT.03)	Measurement Type	Date	Value (H.13)					

HIGHWAY FEATURES BELOW BRIDGE											
Feature Type (F.01)	Feature Name (F.03)	# Lanes (H.08)	Primary Route		Vertical Clearance			Left Horizontal Clearance (Median)		Right Horizontal Clearance	
			Type (RT.04) - Number (RT.02) - Direction (RT.03)	Measurement Type	Date	Value (H.13)	Measurement Type	Date	Value (H.14)	Measurement Type	Date

CLEARANCE RECORDS FOR RAILROADS BELOW BRIDGE										
Feature (F.01)	Feature Classification	Feature Name	Railroad Service Type (RR.01)			Railroad Minimum Vertical Clearance (RR.02)		Railroad Minimum Horizontal Offset (RR.03)		
R01	RAILROAD	UP RR				26'-2"		9'-10.8"		

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NAVIGABLE WATERWAY INFORMATION

Feature (F.01)	Navigable Waterway (N.01)	Feature Name	Nav Min Vertical Clearance (N.02)	Movable Bridge Max Vertical Clearance (N.03)	Nav Channel Width (N.04)	Nav Channel Min Horizontal Clearance (N.05)	Substructure Nav Protection (N.06)



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SPAN 1

COMPONENT CONDITION AND ELEMENT CONDITION STATES

APPROACH PAVEMENT, RAIL END TREATMENT, APPROACH RAIL, TRANSITION RAIL, BRIDGE RAILING, AND DRAINAGE COMPONENTS

Associated Span: SPAN 1

Material: GALVANIZED STEEL

Overall Condition:

Component Comment:

Component Type: RAIL END TREATMENT

Construction: BREAKAWAY SYSTEM

Direction: ALL

Manufacturer: ET-2000

Condition Comment:

Associated Span: SPAN 1

Material: GALVANIZED STEEL

Overall Condition:

Component Comment:

Component Type: APPROACH RAILING

Construction: W-BEAM

Direction: ALL

Condition Comment:

Associated Span: SPAN 1

Material: ASPHALT

Overall Condition:

Component Comment:

Component Type: APPROACH PAVEMENT

Construction: BITUMINOUS MAT

Direction: BOTH

Condition Comment:

Associated Span: SPAN 1

Material: GALVANIZED STEEL

Overall Condition:

Component Comment:

Component Type: TRANSITION RAILING

Construction: W-BEAM

Direction: ALL

Crash Test Level:

Crash Test Height:

Field Measured Height:

Substandard:

Condition Comment:

Associated Span: SPAN 1

Material: STEEL

Overall Condition:

Component Comment:

Component Type: BRIDGE RAILING

Construction: DOUBLE RECTANGULAR TUBE

Direction:

Crash Test Level:

Crash Test Height:

Field Measured Height:

Substandard:

Condition Comment:



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SUPERSTRUCTURE COMPONENTS

Series Order	Label	Type	# Spans	# Bean Lines	Continuity	Related Series	Protective Coating	Series Component Comment:
Series Information:	1	APPROACH SPAN	2		SIMPLE OR SINGLE SPAN		NONE	

Span Order	Component Type	Label	Material	Construction	Length	Span Component Comment:
1	APPROACH SPAN		REINFORCED CONCRETE CIP	SOLID SLAB	21' - 6"	CRACK ALONG CENTER LINE --(WILSOJ, 03/30/2003)

Condition Comments:

DECK COMPONENT

Associated Span: SPAN 1	Form Type: NONE	Deck Protective System: NONE	Deck Component Comment:
Component Type: DECK	Material: REINFORCED CONCRETE	Reinforcing Protective System: NONE	
Deck Interaction: INTEGRAL OR MONOLITHIC	Construction: CAST-IN-PLACE		

Condition Comment:

WEARING SURFACE COMPONENT

Associated Span: SPAN 1	Material: PLAIN CONCRETE	Overall Condition: GOOD	Wearing Surface Component Comment:
Component Type: WEARING SURFACE	Construction: MONOLITHIC		

Condition Comment:

MISCELLANEOUS COMPONENTS

Associated Span:	Material:	Overall Condition:	Component Comment:
Component Type:	Construction:		

Condition Comment:



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BANK PROTECTION AND SLOPE PROTECTION COMPONENTS

Associated Span: SPAN 1

Material: EARTH FILL

Overall Condition:

Component Comment:

Component Type: BANK PROTECTION

Construction: BERM

Direction: BOTH

Condition Comment:

SUBSTRUCTURE COMPONENTS

Associated Span: SPAN 1

Component Type: ABUTMENT

Related Substructure:

Sub Protective System:

Substructure Order: 1

Material: REINFORCED CONCRETE CIP

Skew: 24

Foundation Support:

Label:

Construction: ABUT - OPEN CONCRETE

Skew Direction: LEFT ADV

Foundation Protective System:

Substructure Component Comment:

Condition Comment:



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ASSOCIATED SUBSTRUCTURE COMPONENTS

Associated Substructure: ABUTMENT 1 Component Type: BEAM CAP	Material: REINFORCED CONCRETE Construction: CAST-IN-PLACE	Overall Condition:	Component Comment:
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Condition Comment:

Associated Substructure: ABUTMENT 1 Component Type: STRAIGHT WINGS	Material: REINFORCED CONCRETE Construction: CAST-IN-PLACE	Overall Condition:	Component Comment:
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Condition Comment:

Associated Substructure: ABUTMENT 1 Component Type: COLUMN	Material: REINFORCED CONCRETE Construction: CAST-IN-PLACE	Overall Condition:	Component Comment:
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Condition Comment:

Associated Substructure: ABUTMENT 1 Component Type: FOOTING	Material: REINFORCED CONCRETE Construction: SPREAD	Overall Condition:	Component Comment:
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SPAN 2

COMPONENT CONDITION AND ELEMENT CONDITION STATES

APPROACH PAVEMENT, RAIL END TREATMENT, APPROACH RAIL, TRANSITION RAIL, BRIDGE RAILING, AND DRAINAGE COMPONENTS

Associated Span: SPAN 2

Material: STEEL

Overall Condition:

Component Comment:

Component Type: BRIDGE RAILING

Construction: DOUBLE RECTANGULAR TUBE

Direction:

Crash Test Level:

Crash Test Height:

Field Measured Height:

Substandard:

Condition Comment:

SUPERSTRUCTURE COMPONENTS

Series Order

Label

Type

Spans

Bean Lines

Continuity

Related Series

Protective Coating

Series Component Comment:

Series Information: 1

APPROACH SPAN

2

SIMPLE OR SINGLE SPAN

NONE

Span Order Component Type Label

Material

Construction

Length

2 APPROACH SPAN

REINFORCED CONCRETE CIP

SOLID SLAB

23' - 0"

Span Component Comment:

Condition Comments:

DECK COMPONENT

Associated Span: SPAN 2

Form Type: NONE

Deck Protective System: NONE

Deck Component Comment:

Component Type: DECK

Material: REINFORCED CONCRETE

Reinforcing Protective System: NONE

Deck Interaction: INTEGRAL OR MONOLITHIC

Construction: CAST-IN-PLACE

Condition Comment:



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WEARING SURFACE COMPONENT

Associated Span: SPAN 2

Material: PLAIN CONCRETE

Overall Condition: GOOD

Wearing Surface Component Comment:

Component Type: WEARING SURFACE

Construction: MONOLITHIC

Condition Comment:

MISCELLANEOUS COMPONENTS

Associated Span:

Material:

Overall Condition:

Component Comment:

Component Type:

Construction:

Condition Comment:

BANK PROTECTION AND SLOPE PROTECTION COMPONENTS

Associated Span:

Material:

Overall Condition:

Component Comment:

Component Type:

Construction:

Direction:

Condition Comment:

SUBSTRUCTURE COMPONENTS

Associated Span: SPAN 2

Component Type: BENT

Related Substructure:

Sub Protective System:

Substructure Order: 2

Material: REINFORCED CONCRETE CIP

Skew: 24

Foundation Support:

Label:

Construction: BENT - MULTIPLE COLUMN

Skew Direction: LEFT ADV

Foundation Protective System:

Substructure Component Comment:

Condition Comment:



Missouri Department of Transportation
Bridge Inventory and Inspection System
State Inspection Report

January 21, 2026
9:50:06am

Maintained by County: IRON Class: STBR Facility Carried: MO 49 S Bridge Status: OPEN-NORST Federal ID (L.01): 4779 Bridge #: G0878
Maintained by District: SE Compass Direction: EAST TO WEST Feature Intersected: UP RR Alias: Year Built (W.01): 1927 Rehab #: 1

ASSOCIATED SUBSTRUCTURE COMPONENTS

Associated Substructure: BENT 2 Component Type: BEAM CAP	Material: REINFORCED CONCRETE Construction: CAST-IN-PLACE	Overall Condition:	Component Comment:
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Condition Comment:

Associated Substructure: BENT 2 Component Type: COLUMN	Material: REINFORCED CONCRETE Construction: CAST-IN-PLACE	Overall Condition:	Component Comment:
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Condition Comment:

Associated Substructure: BENT 2 Component Type: COLLISION WALL	Material: REINFORCED CONCRETE Construction: CAST-IN-PLACE	Overall Condition:	Component Comment:
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Condition Comment:

Associated Substructure: BENT 2 Component Type: FOOTING	Material: REINFORCED CONCRETE Construction: SPREAD	Overall Condition:	Component Comment:
--	---	--------------------	--------------------

Condition Comment:



Maintained by County: IRON

Class: STBR

Facility Carried: MO 49 S

Bridge Status: OPEN-NORST

Federal ID (L.01): 4779

Bridge #: G0878

Maintained by District: SE

Compass Direction: EAST TO WEST

Feature Intersected: UP RR

Alias:

Year Built (W.01): 1927

Rehab #: 1

SPAN 3

COMPONENT CONDITION AND ELEMENT CONDITION STATES

APPROACH PAVEMENT, RAIL END TREATMENT, APPROACH RAIL, TRANSITION RAIL, BRIDGE RAILING, AND DRAINAGE COMPONENTS

Associated Span: SPAN 3

Material: STEEL

Overall Condition:

Component Comment:

Component Type: BRIDGE RAILING

Construction: DOUBLE RECTANGULAR TUBE

Direction:

Crash Test Level:

Crash Test Height:

Field Measured Height:

Substandard:

Condition Comment:

SUPERSTRUCTURE COMPONENTS

Series Order

Label

Type

Spans

Bean Lines

Continuity

Related Series

Protective Coating

Series Component Comment:

Series Information: 2

MAIN SPAN

1

SIMPLE OR SINGLE SPAN

NONE

Span Order Component Type Label

Material

Construction

Length

Span Component Comment:

3 MAIN SPAN

REINFORCED CONCRETE CIP

DECK GIRDER

38' - 5"

Condition Comments:

DECK COMPONENT

Associated Span: SPAN 3

Form Type: NONE

Deck Protective System: NONE

Deck Component Comment:

Component Type: DECK

Material: REINFORCED CONCRETE

Reinforcing Protective System: NONE

Deck Interaction: INTEGRAL OR MONOLITHIC

Construction: CAST-IN-PLACE

Condition Comment:



Missouri Department of Transportation
Bridge Inventory and Inspection System
State Inspection Report

January 21, 2026
9:50:06am

Maintained by County: IRON

Class: STBR

Facility Carried: MO 49 S

Bridge Status: OPEN-NORST

Federal ID (L.01): 4779

Bridge #: G0878

Maintained by District: SE

Compass Direction: EAST TO WEST

Feature Intersected: UP RR

Alias:

Year Built (W.01): 1927

Rehab #: 1

WEARING SURFACE COMPONENT

Associated Span: SPAN 3

Material: ASPHALT

Overall Condition: GOOD

Wearing Surface Component Comment:

Component Type: WEARING SURFACE

Construction: BITUMINOUS SEAL COAT

Condition Comment:

MISCELLANEOUS COMPONENTS

Associated Span:

Material:

Overall Condition:

Component Comment:

Component Type:

Construction:

Condition Comment:

BANK PROTECTION AND SLOPE PROTECTION COMPONENTS

Associated Span:

Material:

Overall Condition:

Component Comment:

Component Type:

Construction:

Direction:

Condition Comment:

SUBSTRUCTURE COMPONENTS

Associated Span: SPAN 3

Component Type: BENT

Related Substructure:

Sub Protective System:

Substructure Order: 3

Material: REINFORCED CONCRETE CIP

Skew: 24

Foundation Support:

Label:

Construction: BENT - MULTIPLE COLUMN

Skew Direction: LEFT ADV

Foundation Protective System:

Substructure Component Comment:

Condition Comment:



Maintained by County: IRON

Class: STBR

Facility Carried: MO 49 S

Bridge Status: OPEN-NORST

Federal ID (L.01): 4779

Bridge #: G0878

Maintained by District: SE

Compass Direction: EAST TO WEST

Feature Intersected: UP RR

Alias:

Year Built (W.01): 1927

Rehab #: 1

ASSOCIATED SUBSTRUCTURE COMPONENTS

Associated Substructure: BENT 3

Material: STEEL

Overall Condition:

Component Comment:

Component Type: EXPANSION BEARING

Construction: SLIDING FLAT PLATE

Condition Comment:

Associated Substructure: BENT 3

Material: REINFORCED CONCRETE

Overall Condition:

Component Comment:

Component Type: BEAM CAP

Construction: CAST-IN-PLACE

Condition Comment:

Associated Substructure: BENT 3

Material: REINFORCED CONCRETE

Overall Condition:

Component Comment:

Component Type: COLUMN

Construction: CAST-IN-PLACE

Condition Comment:

Associated Substructure: BENT 3

Material: REINFORCED CONCRETE

Overall Condition:

Component Comment:

Component Type: COLLISION WALL

Construction: CAST-IN-PLACE

Condition Comment:

Associated Substructure: BENT 3

Material: REINFORCED CONCRETE

Overall Condition:

Component Comment:

Component Type: FOOTING

Construction: SPREAD

Condition Comment:



Maintained by County: IRON

Class: STBR

Facility Carried: MO 49 S

Bridge Status: OPEN-NORST

Federal ID (L.01): 4779

Bridge #: G0878

Maintained by District: SE

Compass Direction: EAST TO WEST

Feature Intersected: UP RR

Alias:

Year Built (W.01): 1927

Rehab #: 1

SPAN 4

COMPONENT CONDITION AND ELEMENT CONDITION STATES

APPROACH PAVEMENT, RAIL END TREATMENT, APPROACH RAIL, TRANSITION RAIL, BRIDGE RAILING, AND DRAINAGE COMPONENTS

Associated Span: SPAN 4

Material: STEEL

Overall Condition:

Component Comment:

Component Type: BRIDGE RAILING

Construction: DOUBLE RECTANGULAR TUBE

Direction:

Crash Test Level:

Crash Test Height:

Field Measured Height:

Substandard:

Condition Comment:

SUPERSTRUCTURE COMPONENTS

Series Order

Label

Type

Spans

Bean Lines

Continuity

Related Series

Protective Coating

Series Component Comment:

Series Information: 3

APPROACH SPAN

2

SIMPLE OR SINGLE SPAN

NONE

Span Order Component Type Label

Material

Construction

Length

4 APPROACH SPAN

REINFORCED CONCRETE CIP

SOLID SLAB

23' - 0"

Span Component Comment:

Condition Comments:

DECK COMPONENT

Associated Span: SPAN 4

Form Type: NONE

Deck Protective System: NONE

Deck Component Comment:

Component Type: DECK

Material: REINFORCED CONCRETE

Reinforcing Protective System: NONE

Deck Interaction: INTEGRAL OR MONOLITHIC

Construction: CAST-IN-PLACE

Condition Comment:



Missouri Department of Transportation
Bridge Inventory and Inspection System
State Inspection Report

January 21, 2026
9:50:06am

Maintained by County: IRON

Class: STBR

Facility Carried: MO 49 S

Bridge Status: OPEN-NORST

Federal ID (L.01): 4779

Bridge #: G0878

Maintained by District: SE

Compass Direction: EAST TO WEST

Feature Intersected: UP RR

Alias:

Year Built (W.01): 1927

Rehab #: 1

WEARING SURFACE COMPONENT

Associated Span: SPAN 4

Material: ASPHALT

Overall Condition: GOOD

Wearing Surface Component Comment:

Component Type: WEARING SURFACE

Construction: BITUMINOUS SEAL COAT

Condition Comment:

MISCELLANEOUS COMPONENTS

Associated Span:

Material:

Overall Condition:

Component Comment:

Component Type:

Construction:

Condition Comment:

BANK PROTECTION AND SLOPE PROTECTION COMPONENTS

Associated Span:

Material:

Overall Condition:

Component Comment:

Component Type:

Construction:

Direction:

Condition Comment:

SUBSTRUCTURE COMPONENTS

Associated Span: SPAN 4

Component Type: BENT

Related Substructure:

Sub Protective System:

Substructure Order: 4

Material: REINFORCED CONCRETE CIP

Skew: 24

Foundation Support:

Label:

Construction: BENT - MULTIPLE COLUMN

Skew Direction: LEFT ADV

Foundation Protective System:

Substructure Component Comment:

Condition Comment:



Maintained by County: IRON

Class: STBR

Facility Carried: MO 49 S

Bridge Status: OPEN-NORST

Federal ID (L.01): 4779

Bridge #: G0878

Maintained by District: SE

Compass Direction: EAST TO WEST

Feature Intersected: UP RR

Alias:

Year Built (W.01): 1927

Rehab #: 1

ASSOCIATED SUBSTRUCTURE COMPONENTS

Associated Substructure: BENT 4

Material: STEEL

Overall Condition:

Component Comment:

Component Type: EXPANSION BEARING

Construction: SLIDING FLAT PLATE

Condition Comment:

Associated Substructure: BENT 4

Material: REINFORCED CONCRETE

Overall Condition:

Component Comment:

Component Type: BEAM CAP

Construction: CAST-IN-PLACE

Condition Comment:

Associated Substructure: BENT 4

Material: REINFORCED CONCRETE

Overall Condition:

Component Comment:

Component Type: COLUMN

Construction: CAST-IN-PLACE

Condition Comment:

Associated Substructure: BENT 4

Material: REINFORCED CONCRETE

Overall Condition:

Component Comment:

Component Type: COLLISION WALL

Construction: CAST-IN-PLACE

Condition Comment:

Associated Substructure: BENT 4

Material: REINFORCED CONCRETE

Overall Condition:

Component Comment:

Component Type: FOOTING

Construction: SPREAD

Condition Comment:



Maintained by County: IRON

Class: STBR

Facility Carried: MO 49 S

Bridge Status: OPEN-NORST

Federal ID (L.01): 4779

Bridge #: G0878

Maintained by District: SE

Compass Direction: EAST TO WEST

Feature Intersected: UP RR

Alias:

Year Built (W.01): 1927

Rehab #: 1

SPAN 5

COMPONENT CONDITION AND ELEMENT CONDITION STATES

APPROACH PAVEMENT, RAIL END TREATMENT, APPROACH RAIL, TRANSITION RAIL, BRIDGE RAILING, AND DRAINAGE COMPONENTS

Associated Span: SPAN 5

Material: GALVANIZED STEEL

Overall Condition:

Component Comment:

Component Type: RAIL END TREATMENT

Construction: BREAKAWAY SYSTEM

Direction:

Manufacturer: ET-2000

Condition Comment:

Associated Span: SPAN 5

Material: GALVANIZED STEEL

Overall Condition:

Component Comment:

Component Type: APPROACH RAILING

Construction: W-BEAM

Direction:

Condition Comment:

Associated Span: SPAN 5

Material: ASPHALT

Overall Condition:

Component Comment:

Component Type: APPROACH PAVEMENT

Construction: BITUMINOUS MAT

Direction:

Condition Comment:

Associated Span: SPAN 5

Material: GALVANIZED STEEL

Overall Condition:

Component Comment:

Component Type: TRANSITION RAILING

Construction: W-BEAM

Direction:

Crash Test Level:

Crash Test Height:

Field Measured Height:

Substandard:

Condition Comment:

Associated Span: SPAN 5

Material: STEEL

Overall Condition:

Component Comment:

Component Type: BRIDGE RAILING

Construction: DOUBLE RECTANGULAR TUBE

Direction:

Crash Test Level:

Crash Test Height:

Field Measured Height:

Substandard:

Condition Comment:



Maintained by County: IRON

Class: STBR

Facility Carried: MO 49 S

Bridge Status: OPEN-NORST

Federal ID (L.01): 4779

Bridge #: G0878

Maintained by District: SE

Compass Direction: EAST TO WEST

Feature Intersected: UP RR

Alias:

Year Built (W.01): 1927

Rehab #: 1

SUPERSTRUCTURE COMPONENTS

Series Order	Label	Type	# Spans	# Bean Lines	Continuity	Related Series	Protective Coating	Series Component Comment:
Series Information:	3	APPROACH SPAN	2		SIMPLE OR SINGLE SPAN		NONE	

Span Order	Component Type	Label	Material	Construction	Length	Span Component Comment:
5	APPROACH SPAN		REINFORCED CONCRETE CIP	SOLID SLAB	21' - 6"	

Condition Comments:

DECK COMPONENT

Associated Span: SPAN 5	Form Type: NONE	Deck Protective System: NONE	Deck Component Comment:
Component Type: DECK	Material: REINFORCED CONCRETE	Reinforcing Protective System: NONE	
Deck Interaction: INTEGRAL OR MONOLITHIC	Construction: CAST-IN-PLACE		

Condition Comment:

WEARING SURFACE COMPONENT

Associated Span: SPAN 5	Material: ASPHALT	Overall Condition: GOOD	Wearing Surface Component Comment:
Component Type: WEARING SURFACE	Construction: BITUMINOUS SEAL COAT		

Condition Comment:

MISCELLANEOUS COMPONENTS

Associated Span:	Material:	Overall Condition:	Component Comment:
Component Type:	Construction:		

Condition Comment:



Maintained by County: IRON

Class: STBR

Facility Carried: MO 49 S

Bridge Status: OPEN-NORST

Federal ID (L.01): 4779

Bridge #: G0878

Maintained by District: SE

Compass Direction: EAST TO WEST

Feature Intersected: UP RR

Alias:

Year Built (W.01): 1927

Rehab #: 1

BANK PROTECTION AND SLOPE PROTECTION COMPONENTS

Associated Span: SPAN 5

Material: EARTH FILL

Overall Condition:

Component Comment:

Component Type: BANK PROTECTION

Construction: BERM

Direction:

Condition Comment:

SUBSTRUCTURE COMPONENTS

Associated Span: SPAN 5

Component Type: BENT

Related Substructure:

Sub Protective System:

Substructure Order: 5

Material: REINFORCED CONCRETE CIP

Skew: 24

Foundation Support:

Label:

Construction: BENT - MULTIPLE COLUMN

Skew Direction: LEFT ADV

Foundation Protective System:

Substructure Component Comment:

Condition Comment:

Associated Span: SPAN 5

Component Type: ABUTMENT

Related Substructure:

Sub Protective System:

Substructure Order: 6

Material: REINFORCED CONCRETE CIP

Skew: 24

Foundation Support:

Label:

Construction: ABUT - OPEN CONCRETE

Skew Direction: LEFT ADV

Foundation Protective System:

Substructure Component Comment:

Condition Comment:



Maintained by County: IRON

Class: STBR

Facility Carried: MO 49 S

Bridge Status: OPEN-NORST

Federal ID (L.01): 4779

Bridge #: G0878

Maintained by District: SE

Compass Direction: EAST TO WEST

Feature Intersected: UP RR

Alias:

Year Built (W.01): 1927

Rehab #: 1

ASSOCIATED SUBSTRUCTURE COMPONENTS

Associated Substructure: BENT 5

Material: REINFORCED CONCRETE

Overall Condition:

Component Type: BEAM CAP

Construction: CAST-IN-PLACE

Component Comment:

Condition Comment:

Associated Substructure: BENT 5

Material: REINFORCED CONCRETE

Overall Condition:

Component Type: COLUMN

Construction: CAST-IN-PLACE

Component Comment:

Condition Comment:

Associated Substructure: BENT 5

Material: REINFORCED CONCRETE

Overall Condition:

Component Type: COLLISION WALL

Construction: CAST-IN-PLACE

Component Comment:

Condition Comment:

Associated Substructure: BENT 5

Material: REINFORCED CONCRETE

Overall Condition:

Component Type: FOOTING

Construction: SPREAD

Component Comment:

Condition Comment:

Associated Substructure: ABUTMENT 6

Material: REINFORCED CONCRETE

Overall Condition:

Component Type: BEAM CAP

Construction: CAST-IN-PLACE

Component Comment:

Condition Comment:



Missouri Department of Transportation
Bridge Inventory and Inspection System
State Inspection Report

January 21, 2026
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Maintained by County: IRON

Class: STBR

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Bridge Status: OPEN-NORST

Federal ID (L.01): 4779

Bridge #: G0878

Maintained by District: SE

Compass Direction: EAST TO WEST

Feature Intersected: UP RR

Alias:

Year Built (W.01): 1927

Rehab #: 1

Associated Substructure: ABUTMENT 6

Material: REINFORCED CONCRETE

Overall Condition:

Component Type: STRAIGHT WINGS

Construction: CAST-IN-PLACE

Component Comment:

Condition Comment:

Associated Substructure: ABUTMENT 6

Material: REINFORCED CONCRETE

Overall Condition:

Component Type: COLUMN

Construction: CAST-IN-PLACE

Component Comment:

Condition Comment:

Associated Substructure: ABUTMENT 6

Material: REINFORCED CONCRETE

Overall Condition:

Component Type: FOOTING

Construction: SPREAD

Component Comment:

Condition Comment: