



**Missouri Department of Transportation
State Bridge Inspection Report**

June 27, 2024
4:00:02PM

COUNTY: MADISON

DISTRICT: SE

CLASS: STATBR

FED-ID: 8988

BRIDGE: T0093

*****GENERAL STRUCTURE INFORMATION*****

*****BRIDGE INSPECTION INFORMATION*****

ROUTE: RTMS
FEATURE: E FK BIG CR
STATUS: P-POSTLOAD
LOG MILE: 7.994
DETOUR: 60.00 MILES
NHS: NO
BUILT: 1934
REHAB:
LOCATION: S 16 T 31 R 7 E
LATITUDE: 37 21 40.75 (DMS)
LONGITUDE: 90 16 31.69 (DMS)

SPANS: 3
LANES ON: 1
LANES UNDER: 0
COMPASS DIRECTION: EAST to WEST
DIRECTION OF TRAFFIC: 1-LN/2-WAY
FUNCTIONAL CLASS: RL-MAJOR COLLECTOR
NBI OWNER: MODOT
NBI MAINTAINED: MODOT
MAINTENANCE DISTRICT: SE
MAINTENANCE COUNTY: MADISON
SUB AREA: 7H35

PLACE CODE: 05410 BIG CREEK
LENGTH: 102 FT 0 IN
MAXIMUM SPAN: 48 FT 0 IN
APPROACH ROADWAY: 20 FT 0 IN
CURB TO CURB: 20 FT 0 IN
OUT TO OUT: 21 FT 4 IN
AADT: 390
AADT YEAR: 2023
AADT TRUCK: 11.3%
FUTURE AADT: 546
FUTURE AADT YEAR: 2043

DATE: 10/23/2023 RESPONSIBILITY: DISTRICT
FREQUENCY: 12 CALCULATED INTERVAL**: 12
TEAM LEADER: TOBY KEMPER ELEMENT: NO
INSPECTOR 2: CHRIS CROCKER INSPECTOR 4:
INSPECTOR 3:
** When calculated interval exceeds the frequency, a justification comment per BIRM is required.

GENERAL INSPECTION COMMENTS

(MUSSED, 10/29/2012)--HANGER PLATE INSPECTION INCORPORATED INTO THE GENERAL INSPECTION.

*****FRACTURE CRITICAL INSPECTION INFORMATION*****

*****INDEPTH INSPECTION INFORMATION*****

DATE: RESPONSIBILITY: CATEGORY:
FREQUENCY: CALCULATED INTERVAL**:
TEAM LEADER: INSPECTOR 3: NBI:
INSPECTOR 2: INSPECTOR 4: METHOD:

** When calculated interval exceeds the frequency, a justification comment per BIRM is required.

DATE: RESPONSIBILITY: CATEGORY:
FREQUENCY: CALCULATED INTERVAL**:
TEAM LEADER: INSPECTOR 3: NBI:
INSPECTOR 2: INSPECTOR 4: METHOD:

** When calculated interval exceeds the frequency, a justification comment per BIRM is required.

FRACTURE CRITICAL INSPECTION COMMENTS

INDEPTH INSPECTION COMMENTS

*****SPECIAL INSPECTION INFORMATION*****

*****UNDERWATER INSPECTION INFORMATION*****

DATE: 04/30/2020 RESPONSIBILITY: DISTRICT CATEGORY: CHANNEL CROSS SEC'
FREQUENCY: 72 CALCULATED INTERVAL**: 70 NBI: NO
TEAM LEADER: ED HESS INSPECTOR 3: METHOD: WT TAPE
INSPECTOR 2: INSPECTOR 4:

** When calculated interval exceeds the frequency, a justification comment per BIRM is required.

DATE: 10/23/2023 RESPONSIBILITY: DISTRICT CATEGORY: DRY
FREQUENCY: 60 CALCULATED INTERVAL**: 12 NBI: NO
TEAM LEADER: TOBY KEMPER INSPECTOR 3: METHOD: VISUAL
INSPECTOR 2: CHRIS CROCKER INSPECTOR 4:

** When calculated interval exceeds the frequency, a justification comment per BIRM is required.

SPECIAL INSPECTION COMMENTS

UNDERWATER INSPECTION COMMENTS

OTHER SPECIAL INSPECTIONS

OTHER UNDERWATER INSPECTIONS

DATE	FREQUENCY	CATEGORY	NBI	CALCULATED INTERVAL	RESPONSIBILITY	METHOD
04/26/2016	999	SUPERSTRUCTURE	NO		DISTRICT	VISUAL
02/02/2016	999	QUALITY ASSURANCE	NO		BRIDGEDIV	

DATE	FREQUENCY	CATEGORY	NBI	CALCULATED INTERVAL	RESPONSIBILITY	METHOD
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*****STRUCTURE POSTING*****

APPROVED CATEGORY: S-17 CL OF BR AND TRK OVR 15 T 15MPH ON BR EXCPT SNGLE UNT TRKS WT LMT 21 T OTHR TRKS WT LMT 38 T.
Ton 1: 15 Ton 2: 21 Ton 3: 38

COMMENTS:

FIELD CATEGORY: S-17 CL OF BR AND TRK OVR 15 T 15MPH ON BR EXCPT SNGLE UNT TRKS WT LMT 21 T OTHR TRKS
Ton 1: 15 Ton 2: 21 Ton 3: 38 PROBLEM: PROBLEM DIRECTION:

COMMENTS:

*****GENERAL COMMENTS/MAJOR RATED ITEMS*****

GENERAL COMMENTS: (BOWDEJ1, 09/04/2008)--(25'-48'-25') SMP WF GDR SPANS

[ITEM 58] DECK: 4-POOR CONDITION COMMENTS: (BRAWLK1, 10/24/2022)--GENERAL DETERIORATION, CRACKING, LEACHING AND BOTTOM SPALLING THROUGHOUT
RATING : 10/24/2022 (BRAWLK1, 10/24/2022)--SATURATION

[ITEM 59] SUPER: 5-FAIR CONDITION COMMENTS: (MARTEP, 04/15/2011)--MINOR SECTION LOSS AT JOINTS
RATING : 10/24/2022 (HESSE, 04/26/2016)--HANGER PLATES REPLACED MARCH OF 2016
(CROCKC1, 10/29/2019)--EXT. GIRDERS HAVE MODERATE PACK RUST TOP FLANGE.

[ITEM 60] SUB: 4-POOR CONDITION COMMENTS: (MARTEP, 04/15/2011)--TIMBER PILE CONDITION
RATING : 10/26/2023 (HESSE, 04/26/2016)--BENT CAP #2 REPAIRED IN APRIL 2016
(CHAPMM1, 10/26/2023)--BENT 3 TIMBER PILE MINOR TO MODERATE ROT AT GROUNDLINE

[ITEM 61] BANK/CHANNEL: 5-MAJOR DAMAGE COMMENTS: (MARTEP, 04/15/2011)--POOR ALIGNMENT. CHANNEL RUNNING INTO WEST ABUTMENT, BUT EMBANKMENT PROTECTED.
RATING : 05/18/2001

[ITEM 113] SCOUR: 8-STABLE FOR CALCULATED COMMENTS:
RATING : 05/18/2001
EVALUATION TYPE :

[ITEM 71] WATERWAY ADEQUACY: DECK ABOVE FLOOD ELEV COMMENTS:
RATING : 05/18/2001

[ITEM 72] APPRRDWY ALIGNMENT: 6-SATISFACTORY COMMENTS:
RATING : 05/18/2001

*****RAILING AND APPROACH PAVEMENT COMPONENTS AND RATINGS*****

[ITEM 36A] BRIDGE RAILING RATING: DOESNT MEET CURRNT STND-0 RATING : 02/24/2004 COMMENTS:

<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>
REINFORCED CONCRETE	CURB	BOTH	
STEEL	CHANNEL-DOUBLE	BOTH	

[ITEM 36B] TRANSITION RAILING RATING: NOT PROVIDED-0 RATING : 05/18/2001 COMMENTS:

[ITEM 36C] APPROACH RAILING RATING: NOT PROVIDED-0 RATING : 05/18/2001 COMMENTS:

[ITEM 36D] RAIL END TREATMENT RATING: NOT PROVIDED-0 RATING : 05/18/2001 COMMENTS:



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APPROACH PAVEMENT: *Overall condition assigned for each approach pavemenet component is shown below.

<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>CONDITION*</u>	<u>COMMENTS</u>
ASPHALT	BITUMINOUS MAT	BOTH		

DRAINAGE, EXPANSION DEVICES, BANK/SLOPE, AND DECK PROTECTIVE COMPONENTS

DECK PROTECTIVE COMPONENTS:

<u>SERIES TYPE-#</u>	<u>COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>THICKNESS</u>	<u>YEAR APPLIED</u>	<u>MANUFACTURE</u>	<u>OVERALL CONDITION</u>
MAIN SERIES-1	WEARING SURFACE	ASPHALT	BITUMINOUS SEAL COAT	.04 IN	2020		GOOD

COMMENT:

DECK PROTECTION

NOTAPPLICABLE

NONE

COMMENT:

MEMBRANE

NOTAPPLICABLE

NONE

COMMENT:

DRAINAGE COMPONENTS:

<u>COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>
DRAINAGE	REINFORCED CONCRETE	CURB OUTLET		

EXPANSION DEVICE COMPONENTS:

<u>SUB UNIT-#</u>	<u>SUB LABEL</u>	<u>COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>GAP</u>	<u>YEAR APPLIED</u>	<u>MANUFACTURE</u>	<u>OVERALL CONDITION</u>
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COMMENT:

BANK/SLOPE PROTECTION COMPONENTS:

<u>COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>
BANK PROTECTION	ROCK	GROUTED	BOTH	(STEGEC, 02/08/2011)--LARGE CONCRETE SLABS INSTALLED ON WEST ABUT SLOPE FOR BANK PROTECTION

DECK COMPONENTS

<u>SPAN TYPE-#</u>	<u>COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>COMMENTS</u>
MAIN SPANS-1	DECK	REINFORCED CONCRETE	CAST-IN-PLACE	
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> <u>MEASUREMENT</u> <u>COMMENT</u>
	BOLTED	AT ABUTMENTS		ANTERIOR GIRDER
	EFFLORESCENCE	THROUGHOUT		MODERATE
	REBAR EXPOSED	THROUGHOUT		MINOR
	SATURATION	THROUGHOUT		MODERATE 30 %
	SPALLS	THROUGHOUT		MODERATE
	TRANSVERSE CRACKS	THROUGHOUT		MODERATE
MAIN SPANS-2	DECK	REINFORCED CONCRETE	CAST-IN-PLACE	
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> <u>MEASUREMENT</u> <u>COMMENT</u>
	BOLTED	AT INTERMEDIATE BENT		ANTERIOR GIRDER
	EFFLORESCENCE	THROUGHOUT		MODERATE
	REBAR EXPOSED	THROUGHOUT		MINOR

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SATURATION	RANDOM	MODERATE	50 %
SPALLS	THROUGHOUT	MODERATE	
TRANSVERSE CRACKS	THROUGHOUT	MODERATE	

MAIN SPANS-3	DECK	REINFORCED CONCRETE	CAST-IN-PLACE		
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
BOLTED		AT ABUTMENTS		ANTERIOR GIRDER	
EFFLORESCENCE		THROUGHOUT		MODERATE	
REBAR EXPOSED		THROUGHOUT		MINOR	
SATURATION		THROUGHOUT		MODERATE	50 %
SPALLS		THROUGHOUT		MODERATE	
TRANSVERSE CRACKS		THROUGHOUT		MODERATE	

SUPERSTRUCTURE COMPONENTS

<u>SERIES TYPE-#</u>	<u>SPAN TYPE</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>LABEL</u>	<u>COMMENTS</u>
MAIN SERIES-1	SIMPLE SPAN	STEEL	WIDE FLANGE GIRDERS		(REHAGM, 02/23/2004)--DECK BOLTED TO SUPERSTRUCTURE IN 1998
<u>SPAN</u>	<u>COMPOSITE INDICATOR</u>	<u>LENGTH</u>	<u>WEATHERING STEEL</u>	<u>COMMENTS</u>	
MAIN SPANS-1	NON-COMPOSITE	25 FT 6 IN	NO		
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
RUSTING		DIAPHRAGMS		MODERATE	
RUSTING		TOP FLANGE		MODERATE	
MAIN SPANS-2	NON-COMPOSITE	48 FT 0 IN	NO		
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
RUSTING		DIAPHRAGMS		MODERATE	
RUSTING		TOP FLANGE		MODERATE	
SECTION LOSS		THROUGHOUT		MODERATE	
MAIN SPANS-3	NON-COMPOSITE	25 FT 6 IN	NO		
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
RUSTING		DIAPHRAGMS		MODERATE	
RUSTING		TOP FLANGE		MODERATE	

SUBSTRUCTURE COMPONENTS

<u>SUBSTRUCTURE</u>	<u>SKEW</u>	<u>LENGTH</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>LABEL</u>	<u>COMMENTS</u>
ABUTMENT-1	RA-20 DEGREES	21 FT 8 IN	TIMBER	NON-INTEGRAL		
<u>ASSOCIATED COMPONENT</u>	<u>CONDITION</u>	<u>MATERIAL</u>	<u>LOCATION 1</u>	<u>CONSTRUCTION</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> <u>MEASUREMENT</u> <u>COMMENT</u>
BEAM CAP		TIMBER		BEAM		
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
	OTHER		THROUGHOUT		NOT APPLICABLE	(REHAGM, 02/23/2004)--SHOVING
PILING		TIMBER		OTHER		
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
	REPLACE WITH H PILE		1 OF 4		NOT APPLICABLE	
STRAIGHT WINGS		TIMBER		PLANKS		
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
WING PILES		TIMBER		OTHER		
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
BACKWALL		TIMBER		PLANKS		



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<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FIXED BEARING	STEEL	FLAT PLATE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
RUSTING	THROUGHOUT		MODERATE		
SECTION LOSS	THROUGHOUT		MINOR		
<i>BENT-2</i>	<i>RA-20 DEGREES</i>	<i>21 FT 8 IN</i>			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP	STEEL	OTHER SHAPES			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
SECTION LOSS	THROUGHOUT		MEDIUM		(HESSE, 04/26/2016)--SECTION LOSS OF CAP AND STIFFENERS REPAIRED
PILING	TIMBER	OTHER			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DETERIORATION	GROUND LINE		MINOR		
REPLACE WITH H PILE	3 OF 4		NOT APPLICABLE		
CROSS BRACING	TIMBER	PLANKS			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FIXED BEARING	STEEL	FLAT PLATE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
RUSTING	THROUGHOUT		MODERATE		
SECTION LOSS	THROUGHOUT		MINOR		
FIXED BEARING	STEEL	HANGER PLATE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<i>BENT-3</i>	<i>RA-20 DEGREES</i>	<i>21 FT 8 IN</i>			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP	STEEL	OTHER SHAPES			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
PILING	TIMBER	OTHER			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
REPLACE WITH H PILE	2 OF 4		NOT APPLICABLE		(CHAPMM1, 10/26/2023)--DETERIORATION WATERLINE MODERATE
SPLITTING	GROUND LINE		MODERATE		
CROSS BRACING	TIMBER	PLANKS			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FIXED BEARING	STEEL	FLAT PLATE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
RUSTING	RANDOM		MINOR		
FIXED BEARING	STEEL	HANGER PLATE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
SECTION LOSS	THROUGHOUT		MODERATE		
<i>ABUTMENT-4</i>	<i>RA-20 DEGREES</i>	<i>21 FT 8 IN</i>			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP	TIMBER	BEAM			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
OTHER	THROUGHOUT		NOT APPLICABLE		(REHAGM, 02/23/2004)--SHOVING
PILING	TIMBER	OTHER			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>

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STRAIGHT WINGS	TIMBER	PLANKS			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
WING PILES	TIMBER	OTHER			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BACKWALL	TIMBER	PLANKS			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FIXED BEARING	STEEL	FLAT PLATE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>

*****OVER/UNDER ROUTES CLEARANCE INFORMATION*****

CLEARANCES OVER DECK

**NOTE: Vertical clearances for permitting purposes are taken as 2 inches less than the actual field measured clearance.

<u>VERTICAL CLEARANCE TYPE**</u>	<u>VALUE</u>	<u>DIRECTION</u>	<u>DATE</u>	<u>COMMENT</u>
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CLEARANCES UNDER BRIDGE

**NOTE: Vertical clearances for permitting purposes are taken as 2 inches less than the actual field measured clearance.

<u>RECORD #</u>	<u>ROUTE</u>	<u># LANES</u>	<u>DIRECTION OF TRAFFIC</u>	<u>RIGHT LATERAL CLEARANCE</u>	<u>LEFT LATERAL CLEARANCE</u>	<u>UR-ID</u>
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<u>VERTICAL CLEARANCE TYPE**</u>	<u>VALUE</u>	<u>DIRECTION</u>	<u>DATE</u>	<u>COMMENT</u>
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*****STRUCTURE PAINT INFORMATION*****

CONDITION: GOOD	RUST AMOUNT : 7 = .2% OF SURFACE RUSTED	STEEL TONS : 22
<u>ORIGINAL PAINT</u>	<u>CONTRACT REPAINT</u>	<u>DEPARTMENT REPAINT</u>
PAINT TYPE :	PAINT TYPE :	PAINT TYPE : S SYSTEM
NAME :	NAME :	NAME : CAL SULPH/LEAD PAINT
PAINT COLOR :	PAINT COLOR :	PAINT COLOR : GRAY
PAINT YEAR :	PAINT YEAR :	PAINT YEAR : 2004
MILS :	MILS :	MILS : 13
		MANUFACTURE :ARMOR SHIELD
		SURFACE PREP :HAND CLEANED

*****REQUESTED WORK ITEMS*****

GENERAL WORK COMMENTS:



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<i>RESPONSIBILITY</i>	<i>LOCATION</i>	<i>ITEM</i>	<i>CATEGORY</i>	<i>PRIORITY</i>	<i>DATE</i>	<i>WORK ITEM COMMENT</i>
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UTILITY ATTACHMENTS

<i>UTILITY</i>	<i>OWNER</i>	<i>METHOD</i>	<i>MEASUREMENT TYPE</i>	<i>VALUE</i>	<i>NUMBER</i>	<i>UTILITY ATTACHMENT COMMENT</i>
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PROGRAM NOTES INFORMATION

<u>YEAR</u>	<u>PROJECT #</u>	<u>MONTH LET</u>	<u>YEAR LET</u>	<u>ITEMS</u>	<u>COMMENT</u>
2027	SE0037	1	2027	REPLACE BRIDGE	

COMPUTER GENERATED RATINGS AND DEFICIENCY ITEMS

NOTE: The items listed in this section are updated whenever computer edits are ran on a structure after the inspection updates have been entered in to TMS.

<u>Rated Item</u>	<u>Rating</u>	<u>Rating Date</u>
[Item 67] Structure Evaluation Rating:	2-BASICALLY INTOLRBLE REQ	3/6/2024
[Item 68] Deck Geometry Rating:	4-MEETS MINIMUM TOLERABLE	10/31/2019
[Item 69] Underclearance:	N-NOT APPLICABLE	5/18/2001
Sufficiency Rating:	28.8%	3/6/2024
Deficiency:	STRUCTURAL	2/17/2022
Funding Eligibility:		----
Estimated New Structure Length:		----
Estimated Structure Cost:		----
Estimated Total Project Cost:		----
Year of Cost Estimate:		----

NOTE: The above structure length and cost estimates are computer generated using algorithms in the TMS system. These algorithms are generalized to use NBI items to come up with a new structure length and width to calculate a new area which is taken times a representative cost per square foot. The actual structure size and cost may vary significantly from these numbers once site specific engineering is done.

ADVANCED SIGN INFORMATION

<u>SIGN #</u>	<u>SIGN TYPE</u>	<u>PROBLEM</u>	<u>PROBLEM DIRECTION</u>
1	YIELD TO ONCOMING TRAFFIC		
2	B - ONE LANE BRIDGE		

OUTFALL INSPECTION INFORMATION

# OUTFALLS:	INSPECTOR:
STATUS:	DATE:
NOTES:	



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DISTRICT: SE

**Missouri Department of Transportation
State Bridge Inspection Report**

CLASS: STATBR

FED-ID: 8988

BRIDGE: T0093

June 27, 2024
4:00:02PM

PROJECT SUMMARY REPORT FOR SE0037 AS OF May 24, 2024

Work District	SOUTHEAST	Status	ACCEPTED	Version	ANNUAL UPDATE	Project Manager	DONNA PHILPOT	Payment Project	N
Award Month/Award Year		Letting Date		Estimated Submittal Date	Feb 21, 2024	Let by	CENTRAL OFFICE	Letting Exclusion	N

Primary Route	RT M S	County	MADISON
Description / Location	Bridge replacement over Big Creek.		
Reason / Remarks	Project involves bridge T0093.		
District Comments			

Project Amounts		Total Estimated Cost for the Project								
Typical Bridge	Major Bridge	Pavement	Safety	Mobility	Capital Improvement	Contingency	Other Non-Contractual	Right of Way Acquisition	Preliminary Engineering	Construction Engineering
1,373		0				27		10	260	198
Total Bridge	1,373				Total Contract Estimate	1,373	Total Construction	1,400	Total Engineering	458
						Total Right of Way and Construction		1,410	Total Project	1,868

Yearly Program Amounts	Amount Programmed by SFY									
	Prior to 2024	2024	2025	2026	2027	2028	2029	Future	Program Total	Project Total
Preliminary Engineering	11	24	24	86	115				249	260
Construction Engineering					198				198	198
Right of Way Acquisition				10					10	10
Construction					1,400				1,400	1,400
Total	11	24	24	96	1,713				1,857	1,868

How the District is Funding the Project										
Funding Category										
Asset Management - CN	0	0	0	0	1,400	0	0	0	1,400	1,400
Asset Management - RW	0	0	0	10	0	0	0	0	10	10
Total	0	0	0	10	1,400	0	0	0	1,410	1,410

Funding From Other Sources	0	0	0	0	0	0	0	0	0	0
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Funds Transfer	0	0	0	0	0	0	0	0	0	0
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Total Right of Way and Construction	0	0	0	10	1,400	0	0	0	1,410	1,410
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Engineering	11	24	24	86	313	0	0	0	447	458
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Funding From Other Sources - Engineering	0	0	0	0	0	0	0	0	0	0
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Bridge Count	1	Railroads Impacted	0	Improvement		Action		Detailed Work		Federal Funds Category		Initiatives	
Bridges					BRIDGE			BRIDGE REPLACEMENT		AC-STBG			
	T0093												

Route	Begin Log	End Log	Begin County	TMA	Travelway ID	System	Functional Class	NHS	AADT	Conflict of Interest
RT M S	7.982	8.028	MADISON	N	946	SUPPLEMENTARY	MAJOR COLLECTOR	N	195	N
RT M N	12.517	12.563	MADISON	N	947	SUPPLEMENTARY	MAJOR COLLECTOR	N	195	N

Lane Miles	0.092	Centerline Miles	0.046
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TIP Number

Planning Organization	Federal District	Senate District	House District
SE REG PLAN & ECON DEV COMM	8	27	144



**Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet**

June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : APPROVED	NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 1/18/2006	SUBMITTAL YEAR : 2005

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix MO
3 County MADISON	5C Designated Level of Service MAINLINE
8 Federal ID No. 8988	5D Route Number 0000M
27 Year Built 1934	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried RT M S
42A Type of Service On HIGHWAY	12 Base Hwy. Network NO
21 Structure Maintenance STATE HIGHWAY AGENCY	13A LRS Inventory Route No.
22 Structure Owner STATE HIGHWAY AGENCY	13B Subroute No.
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103 Temporary Structure NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY
112 NBIS Bridge Length YES	104 National Highway System NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 357
Code 05410	30 AADT Year 2004
9 Location S 16 T 31 N R 7 E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 7.94 miles	109 AADT Truck Percent 10%
16 Latitude 37 D 21 M 42 S	114 Future AADT 499
17 Longitude 90 D 16 M 30 S	115 Future AADT Year 2026

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 60.14 miles
28B Lanes Under Structure 00	32 Approach Roadway Width 20 Ft. 0 In.
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**Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet**

June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : PENDING	NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 3/25/2002	SUBMITTAL YEAR : 2001

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix MO
3 County MADISON	5C Designated Level of Service MAINLINE
8 Federal ID No. 8988	5D Route Number 0000M
27 Year Built 1934	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried RT M
42A Type of Service On HIGHWAY	12 Base Hwy. Network NO
21 Structure Maintenance STATE HIGHWAY AGENCY	13A LRS Inventory Route No.
22 Structure Owner STATE HIGHWAY AGENCY	13B Subroute No.
33 Br. Median Code NO MEDIAN	20 Toll Status ON FREE ROAD
37 Historical Significance NOT ELIGIBLE FOR NR OF HP	26 Functional Classification 07-RURAL MAJOR COLLECTOR
101 Parallel Struc Desg NONE EXISTS	28A Lanes on Structure 01
103 Temporary Structure NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY
112 NBIS Bridge Length YES	104 National Highway System NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 373
Code 05410	30 AADT Year 2000
9 Location S 16 T 31N R 7E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 7.93 miles	109 AADT Truck Percent 10%
16 Latitude 37 D 21 M 42 S	114 Future AADT 522
17 Longitude 90 D 16 M 30 S	115 Future AADT Year 2022

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 60.14 miles
28B Lanes Under Structure 00	32 Approach Roadway Width 20 Ft. 0 In.
54A Vert. Clearance Ref. N/A	34 Skew 20.00 Degrees
54B Vert. Clearance 0 Ft. 0 In.	35 Struct. Flared NO
55A Rt. Lat Clear Ref. N/A	47 Total Horiz. Clear 20 Ft. 0 In.
55B Rt. Lat Clearance 0 Ft. 0 In.	48 Maximum Span Length 47 Ft. 11 In.
56 Left Lat Clearance 0 Ft. 0 In.	49 Structure Length 102 Ft. 0 In.
38 Navigation Control PERMIT NOT REQ	50A Left Curb/Sidewalk Width 0 Ft. 0 In.
39 Nav Vertical Clear 0 Ft. 0 In.	50B Right Curb/Sidewalk Width 0 Ft. 0 In.
40 Nav Horizontal Clear 0 Ft. 0 In.	51 Curb to Curb Br. Width 20 Ft. 0 In.
111 Nav. Pier Protection	52 Deck Width (Out-Out) 21 Ft. 4 In.
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**Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet**

June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : APPROVED	NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 3/3/2008	SUBMITTAL YEAR : 2007

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix MO
3 County MADISON	5C Designated Level of Service MAINLINE
8 Federal ID No. 8988	5D Route Number 0000M
27 Year Built 1934	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried RT M S
42A Type of Service On HIGHWAY	12 Base Hwy. Network NO
21 Structure Maintenance STATE HIGHWAY AGENCY	13A LRS Inventory Route No.
22 Structure Owner STATE HIGHWAY AGENCY	13B Subroute No.
33 Br. Median Code NO MEDIAN	20 Toll Status ON FREE ROAD
37 Historical Significance NOT ELIGIBLE FOR NR OF HP	26 Functional Classification 07-RURAL MAJOR COLLECTOR
101 Parallel Struc Desg NONE EXISTS	28A Lanes on Structure 01
103 Temporary Structure NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY
112 NBIS Bridge Length YES	104 National Highway System NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 304
Code 05410	30 AADT Year 2006
9 Location S 16 T 31 N R 7 E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 7.99 miles	109 AADT Truck Percent 10%
16 Latitude 37 D 21 M 42 S	114 Future AADT 425
17 Longitude 90 D 16 M 30 S	115 Future AADT Year 2028

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 60.14 miles
28B Lanes Under Structure 00	32 Approach Roadway Width 20 Ft. 0 In.
54A Vert. Clearance Ref. N/A	34 Skew 20.00 Degrees
54B Vert. Clearance 0 Ft. 0 In.	35 Struct. Flared NO
55A Rt. Lat Clear Ref. N/A	47 Total Horiz. Clear 20 Ft. 0 In.
55B Rt. Lat Clearance 0 Ft. 0 In.	48 Maximum Span Length 47 Ft. 11 In.
56 Left Lat Clearance 0 Ft. 0 In.	49 Structure Length 102 Ft. 0 In.
38 Navigation Control PERMIT NOT REQ	50A Left Curb/Sidewalk Width 0 Ft. 0 In.
39 Nav Vertical Clear 0 Ft. 0 In.	50B Right Curb/Sidewalk Width 0 Ft. 0 In.
40 Nav Horizontal Clear 0 Ft. 0 In.	51 Curb to Curb Br. Width 20 Ft. 0 In.
111 Nav. Pier Protection	52 Deck Width (Out-Out) 21 Ft. 4 In.
116 Nav. Cl. Vert. Clear	53 Vert. Clearance Over Deck 99 Ft. 99 In.

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**Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet**

June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : APPROVED	NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 1/28/2010	SUBMITTAL YEAR : 2009

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix MO
3 County MADISON	5C Designated Level of Service MAINLINE
8 Federal ID No. 8988	5D Route Number 0000M
27 Year Built 1934	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried RT M S
42A Type of Service On HIGHWAY	12 Base Hwy. Network NO
21 Structure Maintenance STATE HIGHWAY AGENCY	13A LRS Inventory Route No.
22 Structure Owner STATE HIGHWAY AGENCY	13B Subroute No.
33 Br. Median Code NO MEDIAN	20 Toll Status ON FREE ROAD
37 Historical Significance NOT ELIGIBLE FOR NR OF HP	26 Functional Classification 07-RURAL MAJOR COLLECTOR
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103 Temporary Structure NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY
112 NBIS Bridge Length YES	104 National Highway System NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 330
Code 05410	30 AADT Year 2008
9 Location S 16 T 31 N R 7 E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 7.98 miles	109 AADT Truck Percent 10%
16 Latitude 37 D 21 M 42 S	114 Future AADT 462
17 Longitude 90 D 16 M 30 S	115 Future AADT Year 2030

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
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**Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet**

June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : APPROVED	NBI STATUS : T
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 3/15/2024	SUBMITTAL YEAR : 2024

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix MO
3 County MADISON	5C Designated Level of Service MAINLINE
8 Federal ID No. 8988	5D Route Number 0000M
27 Year Built 1934	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried RT M S
42A Type of Service On HIGHWAY	12 Base Hwy. Network NO
21 Structure Maintenance STATE HIGHWAY AGENCY	13A LRS Inventory Route No.
22 Structure Owner STATE HIGHWAY AGENCY	13B Subroute No.
33 Br. Median Code NO MEDIAN	20 Toll Status ON FREE ROAD
37 Historical Significance NOT ELIGIBLE FOR NR OF HP	26 Functional Classification 07-RURAL MAJOR COLLECTOR
101 Parallel Struc Desg NONE EXISTS	28A Lanes on Structure 01
103 Temporary Structure NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY
112 NBIS Bridge Length YES	104 National Highway System NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 390
Code 05410	30 AADT Year 2023
9 Location S 16 T 31 N R 7 E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 8.04 miles	109 AADT Truck Percent 11%
16 Latitude 37 D 21 M 41 S	114 Future AADT 546
17 Longitude 90 D 16 M 32 S	115 Future AADT Year 2043

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 60.63 miles
28B Lanes Under Structure 00	32 Approach Roadway Width 20 Ft. 0 In.
54A Vert. Clearance Ref. N/A	34 Skew 20.00 Degrees
54B Vert. Clearance 0 Ft. 0 In.	35 Struct. Flared NO
55A Rt. Lat Clear Ref. N/A	47 Total Horiz. Clear 20 Ft. 0 In.
55B Rt. Lat Clearance 0 Ft. 0 In.	48 Maximum Span Length 47 Ft. 11 In.
56 Left Lat Clearance 0 Ft. 0 In.	49 Structure Length 102 Ft. 0 In.
38 Navigation Control PERMIT NOT REQ	50A Left Curb/Sidewalk Width 0 Ft. 0 In.
39 Nav Vertical Clear 0 Ft. 0 In.	50B Right Curb/Sidewalk Width 0 Ft. 0 In.
40 Nav Horizontal Clear 0 Ft. 0 In.	51 Curb to Curb Br. Width 20 Ft. 0 In.
111 Nav. Pier Protection	52 Deck Width (Out-Out) 21 Ft. 4 In.
116 Nav. Cl. Vert. Clear	53 Vert. Clearance Over Deck 99 Ft. 99 In.

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**Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet**

June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : APPROVED	NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 2/22/2005	SUBMITTAL YEAR : 2004

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix MO
3 County MADISON	5C Designated Level of Service MAINLINE
8 Federal ID No. 8988	5D Route Number 0000M
27 Year Built 1934	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried RT M S
42A Type of Service On HIGHWAY	12 Base Hwy. Network NO
21 Structure Maintenance STATE HIGHWAY AGENCY	13A LRS Inventory Route No.
22 Structure Owner STATE HIGHWAY AGENCY	13B Subroute No.
33 Br. Median Code NO MEDIAN	20 Toll Status ON FREE ROAD
37 Historical Significance NOT ELIGIBLE FOR NR OF HP	26 Functional Classification 07-RURAL MAJOR COLLECTOR
101 Parallel Struc Desg NONE EXISTS	28A Lanes on Structure 01
103 Temporary Structure NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY
112 NBIS Bridge Length YES	104 National Highway System NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 363
Code 05410	30 AADT Year 2003
9 Location S 16 T 31N R 7E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 7.94 miles	109 AADT Truck Percent 10%
16 Latitude 37 D 21 M 42 S	114 Future AADT 508
17 Longitude 90 D 16 M 30 S	115 Future AADT Year 2025

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 60.14 miles
28B Lanes Under Structure 00	32 Approach Roadway Width 20 Ft. 0 In.
54A Vert. Clearance Ref. N/A	34 Skew 20.00 Degrees
54B Vert. Clearance 0 Ft. 0 In.	35 Struct. Flared NO
55A Rt. Lat Clear Ref. N/A	47 Total Horiz. Clear 20 Ft. 0 In.
55B Rt. Lat Clearance 0 Ft. 0 In.	48 Maximum Span Length 47 Ft. 11 In.
56 Left Lat Clearance 0 Ft. 0 In.	49 Structure Length 102 Ft. 0 In.
38 Navigation Control PERMIT NOT REQ	50A Left Curb/Sidewalk Width 0 Ft. 0 In.
39 Nav Vertical Clear 0 Ft. 0 In.	50B Right Curb/Sidewalk Width 0 Ft. 0 In.
40 Nav Horizontal Clear 0 Ft. 0 In.	51 Curb to Curb Br. Width 20 Ft. 0 In.
111 Nav. Pier Protection	52 Deck Width (Out-Out) 21 Ft. 4 In.
116 Nav. Cl. Vert. Clear	53 Vert. Clearance Over Deck 99 Ft. 99 In.

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COUNTY : MADISON BRIDGE : T0093 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 1/30/2015 SUBMITTAL YEAR : 2014

GENERAL STRUCTURE INFORMATION			ROUTE DESIGNATION INFORMATION		
1	State	MISSOURI	5A	Record Type	ROUTE CARRIED 'ON' STRUCT
2	District	SE	5B	Route Signing Prefix	MO
3	County	MADISON	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	8988	5D	Route Number	0000M
27	Year Built	1934	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	0	7	Facility Carried	RT M S
42A	Type of Service On	HIGHWAY	12	Base Hwy. Network	NO
21	Structure Maintenance	STATE HIGHWAY AGENCY	13A	LRS Inventory Route No.	
22	Structure Owner	STATE HIGHWAY AGENCY	13B	Subroute No.	
33	Br. Median Code	NO MEDIAN	20	Toll Status	ON FREE ROAD
37	Historical Significance	NOT ELIGIBLE FOR NR OF HP	26	Functional Classification	07-RURAL MAJOR COLLECTOR
101	Parallel Struc Desg	NONE EXISTS	28A	Lanes on Structure	01
103	Temporary Structure	NOT TEMPORARY	100	STRAHNET Designation	RTE NOT A DEFENSE HWY
112	NBIS Bridge Length	YES	104	National Highway System	NOT ON NHS
			105	Federal Lands Highway	NOT APPLICABLE
			110	Designated Nat. Network	NO

STRUCTURE LOCATION INFORMATION			STRUCTURE TRAFFIC INFORMATION		
4	Place	BIG CREEK	29	AADT	266
	Code	05410	30	AADT Year	2013
9	Location	S 16 T 31 N R 7 E	102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
11	Milepoint	7.98 miles	109	AADT Truck Percent	11%
16	Latitude	37 D 21 M 41 S	114	Future AADT	372
17	Longitude	90 D 16 M 32 S	115	Future AADT Year	2035

UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
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June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : APPROVED	NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 3/2/2023	SUBMITTAL YEAR : 2022

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix MO
3 County MADISON	5C Designated Level of Service MAINLINE
8 Federal ID No. 8988	5D Route Number 0000M
27 Year Built 1934	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried RT M S
42A Type of Service On HIGHWAY	12 Base Hwy. Network NO
21 Structure Maintenance STATE HIGHWAY AGENCY	13A LRS Inventory Route No.
22 Structure Owner STATE HIGHWAY AGENCY	13B Subroute No.
33 Br. Median Code NO MEDIAN	20 Toll Status ON FREE ROAD
37 Historical Significance NOT ELIGIBLE FOR NR OF HP	26 Functional Classification 07-RURAL MAJOR COLLECTOR
101 Parallel Struc Desg NONE EXISTS	28A Lanes on Structure 01
103 Temporary Structure NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY
112 NBIS Bridge Length YES	104 National Highway System NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 366
Code 05410	30 AADT Year 2022
9 Location S 16 T 31 N R 7 E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 7.98 miles	109 AADT Truck Percent 11%
16 Latitude 37 D 21 M 41 S	114 Future AADT 512
17 Longitude 90 D 16 M 32 S	115 Future AADT Year 2042

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 60.14 miles
28B Lanes Under Structure 00	32 Approach Roadway Width 20 Ft. 0 In.
54A Vert. Clearance Ref. N/A	34 Skew 20.00 Degrees
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**Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet**

June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : APPROVED	NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 1/17/2013	SUBMITTAL YEAR : 2012

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix MO
3 County MADISON	5C Designated Level of Service MAINLINE
8 Federal ID No. 8988	5D Route Number 0000M
27 Year Built 1934	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried RT M S
42A Type of Service On HIGHWAY	12 Base Hwy. Network NO
21 Structure Maintenance STATE HIGHWAY AGENCY	13A LRS Inventory Route No.
22 Structure Owner STATE HIGHWAY AGENCY	13B Subroute No.
33 Br. Median Code NO MEDIAN	20 Toll Status ON FREE ROAD
37 Historical Significance NOT ELIGIBLE FOR NR OF HP	26 Functional Classification 07-RURAL MAJOR COLLECTOR
101 Parallel Struc Desg NONE EXISTS	28A Lanes on Structure 01
103 Temporary Structure NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY
112 NBIS Bridge Length YES	104 National Highway System NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 274
Code 05410	30 AADT Year 2011
9 Location S 16 T 31 N R 7 E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 7.98 miles	109 AADT Truck Percent 11%
16 Latitude 37 D 21 M 41 S	114 Future AADT 383
17 Longitude 90 D 16 M 32 S	115 Future AADT Year 2033

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 60.14 miles
28B Lanes Under Structure 00	32 Approach Roadway Width 20 Ft. 0 In.
54A Vert. Clearance Ref. N/A	34 Skew 20.00 Degrees
54B Vert. Clearance 0 Ft. 0 In.	35 Struct. Flared NO
55A Rt. Lat Clear Ref. N/A	47 Total Horiz. Clear 20 Ft. 0 In.
55B Rt. Lat Clearance 0 Ft. 0 In.	48 Maximum Span Length 47 Ft. 11 In.
56 Left Lat Clearance 0 Ft. 0 In.	49 Structure Length 102 Ft. 0 In.
38 Navigation Control PERMIT NOT REQ	50A Left Curb/Sidewalk Width 0 Ft. 0 In.
39 Nav Vertical Clear 0 Ft. 0 In.	50B Right Curb/Sidewalk Width 0 Ft. 0 In.
40 Nav Horizontal Clear 0 Ft. 0 In.	51 Curb to Curb Br. Width 20 Ft. 0 In.
111 Nav. Pier Protection	52 Deck Width (Out-Out) 21 Ft. 4 In.
116 Nav. Cl. Vert. Clear	53 Vert. Clearance Over Deck 99 Ft. 99 In.

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**Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet**

June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : APPROVED	NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 12/23/2013	SUBMITTAL YEAR : 2013

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix MO
3 County MADISON	5C Designated Level of Service MAINLINE
8 Federal ID No. 8988	5D Route Number 0000M
27 Year Built 1934	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried RT M S
42A Type of Service On HIGHWAY	12 Base Hwy. Network NO
21 Structure Maintenance STATE HIGHWAY AGENCY	13A LRS Inventory Route No.
22 Structure Owner STATE HIGHWAY AGENCY	13B Subroute No.
33 Br. Median Code NO MEDIAN	20 Toll Status ON FREE ROAD
37 Historical Significance NOT ELIGIBLE FOR NR OF HP	26 Functional Classification 07-RURAL MAJOR COLLECTOR
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103 Temporary Structure NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY
112 NBIS Bridge Length YES	104 National Highway System NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 268
Code 05410	30 AADT Year 2012
9 Location S 16 T 31 N R 7 E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 7.98 miles	109 AADT Truck Percent 11%
16 Latitude 37 D 21 M 41 S	114 Future AADT 375
17 Longitude 90 D 16 M 32 S	115 Future AADT Year 2033

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
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**Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet**

June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : APPROVED	NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT	RUN DATE : 11/19/2019	SUBMITTAL YEAR : 2019	

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix MO
3 County MADISON	5C Designated Level of Service MAINLINE
8 Federal ID No. 8988	5D Route Number 0000M
27 Year Built 1934	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried RT M S
42A Type of Service On HIGHWAY	12 Base Hwy. Network NO
21 Structure Maintenance STATE HIGHWAY AGENCY	13A LRS Inventory Route No.
22 Structure Owner STATE HIGHWAY AGENCY	13B Subroute No.
33 Br. Median Code NO MEDIAN	20 Toll Status ON FREE ROAD
37 Historical Significance NOT ELIGIBLE FOR NR OF HP	26 Functional Classification 07-RURAL MAJOR COLLECTOR
101 Parallel Struc Desg NONE EXISTS	28A Lanes on Structure 01
103 Temporary Structure NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY
112 NBIS Bridge Length YES	104 National Highway System NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 272
Code 05410	30 AADT Year 2018
9 Location S 16 T 31 N R 7 E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 7.98 miles	109 AADT Truck Percent 11%
16 Latitude 37 D 21 M 41 S	114 Future AADT 380
17 Longitude 90 D 16 M 32 S	115 Future AADT Year 2038

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 60.14 miles
28B Lanes Under Structure 00	32 Approach Roadway Width 20 Ft. 0 In.
54A Vert. Clearance Ref. N/A	34 Skew 20.00 Degrees
54B Vert. Clearance 0 Ft. 0 In.	35 Struct. Flared NO
55A Rt. Lat Clear Ref. N/A	47 Total Horiz. Clear 20 Ft. 0 In.
55B Rt. Lat Clearance 0 Ft. 0 In.	48 Maximum Span Length 47 Ft. 11 In.
56 Left Lat Clearance 0 Ft. 0 In.	49 Structure Length 102 Ft. 0 In.
38 Navigation Control PERMIT NOT REQ	50A Left Curb/Sidewalk Width 0 Ft. 0 In.
39 Nav Vertical Clear 0 Ft. 0 In.	50B Right Curb/Sidewalk Width 0 Ft. 0 In.
40 Nav Horizontal Clear 0 Ft. 0 In.	51 Curb to Curb Br. Width 20 Ft. 0 In.
111 Nav. Pier Protection	52 Deck Width (Out-Out) 21 Ft. 4 In.
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**Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet**

June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : APPROVED	NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 2/24/2012	SUBMITTAL YEAR : 2011

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix MO
3 County MADISON	5C Designated Level of Service MAINLINE
8 Federal ID No. 8988	5D Route Number 0000M
27 Year Built 1934	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried RT M S
42A Type of Service On HIGHWAY	12 Base Hwy. Network NO
21 Structure Maintenance STATE HIGHWAY AGENCY	13A LRS Inventory Route No.
22 Structure Owner STATE HIGHWAY AGENCY	13B Subroute No.
33 Br. Median Code NO MEDIAN	20 Toll Status ON FREE ROAD
37 Historical Significance NOT ELIGIBLE FOR NR OF HP	26 Functional Classification 07-RURAL MAJOR COLLECTOR
101 Parallel Struc Desg NONE EXISTS	28A Lanes on Structure 01
103 Temporary Structure NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY
112 NBIS Bridge Length YES	104 National Highway System NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 274
Code 05410	30 AADT Year 2011
9 Location S 16 T 31 N R 7 E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 7.98 miles	109 AADT Truck Percent 11%
16 Latitude 37 D 21 M 41 S	114 Future AADT 383
17 Longitude 90 D 16 M 32 S	115 Future AADT Year 2032

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 60.14 miles
28B Lanes Under Structure 00	32 Approach Roadway Width 20 Ft. 0 In.
54A Vert. Clearance Ref. N/A	34 Skew 20.00 Degrees
54B Vert. Clearance 0 Ft. 0 In.	35 Struct. Flared NO
55A Rt. Lat Clear Ref. N/A	47 Total Horiz. Clear 20 Ft. 0 In.
55B Rt. Lat Clearance 0 Ft. 0 In.	48 Maximum Span Length 47 Ft. 11 In.
56 Left Lat Clearance 0 Ft. 0 In.	49 Structure Length 102 Ft. 0 In.
38 Navigation Control PERMIT NOT REQ	50A Left Curb/Sidewalk Width 0 Ft. 0 In.
39 Nav Vertical Clear 0 Ft. 0 In.	50B Right Curb/Sidewalk Width 0 Ft. 0 In.
40 Nav Horizontal Clear 0 Ft. 0 In.	51 Curb to Curb Br. Width 20 Ft. 0 In.
111 Nav. Pier Protection	52 Deck Width (Out-Out) 21 Ft. 4 In.
116 Nav. Cl. Vert. Clear	53 Vert. Clearance Over Deck 99 Ft. 99 In.

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106 Year Reconstructed 0	7 Facility Carried RT M S
42A Type of Service On HIGHWAY	12 Base Hwy. Network NO
21 Structure Maintenance STATE HIGHWAY AGENCY	13A LRS Inventory Route No.
22 Structure Owner STATE HIGHWAY AGENCY	13B Subroute No.
33 Br. Median Code NO MEDIAN	20 Toll Status ON FREE ROAD
37 Historical Significance NOT ELIGIBLE FOR NR OF HP	26 Functional Classification 07-RURAL MAJOR COLLECTOR
101 Parallel Struc Desg NONE EXISTS	28A Lanes on Structure 01
103 Temporary Structure NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY
112 NBIS Bridge Length YES	104 National Highway System NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 362
Code 05410	30 AADT Year 2021
9 Location S 16 T 31 N R 7 E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 7.98 miles	109 AADT Truck Percent 11%
16 Latitude 37 D 21 M 41 S	114 Future AADT 507
17 Longitude 90 D 16 M 32 S	115 Future AADT Year 2041

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 60.14 miles
28B Lanes Under Structure 00	32 Approach Roadway Width 20 Ft. 0 In.
54A Vert. Clearance Ref. N/A	34 Skew 20.00 Degrees
54B Vert. Clearance 0 Ft. 0 In.	35 Struct. Flared NO
55A Rt. Lat Clear Ref. N/A	47 Total Horiz. Clear 20 Ft. 0 In.
55B Rt. Lat Clearance 0 Ft. 0 In.	48 Maximum Span Length 47 Ft. 11 In.
56 Left Lat Clearance 0 Ft. 0 In.	49 Structure Length 102 Ft. 0 In.
38 Navigation Control PERMIT NOT REQ	50A Left Curb/Sidewalk Width 0 Ft. 0 In.
39 Nav Vertical Clear 0 Ft. 0 In.	50B Right Curb/Sidewalk Width 0 Ft. 0 In.
40 Nav Horizontal Clear 0 Ft. 0 In.	51 Curb to Curb Br. Width 20 Ft. 0 In.
111 Nav. Pier Protection	52 Deck Width (Out-Out) 21 Ft. 4 In.
116 Nav. Cl. Vert. Clear	53 Vert. Clearance Over Deck 99 Ft. 99 In.

DistrictAbbr = SE and Design_No = T0093 and County = MADISON



**Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet**

June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : APPROVED	NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 3/8/2022	SUBMITTAL YEAR : 2021

LOAD RATING AND POSTING INFORMATION	MATERIAL/CONSTRUCTION INFORMATION																																																						
<table border="0" style="width:100%"> <tr><td>31</td><td>Design Load</td><td>H 10</td></tr> <tr><td>41</td><td>Structure Status</td><td>P - POSTED FOR LOAD</td></tr> <tr><td>63</td><td>Oper. Rating Meth.</td><td>ALLOWABLE STRESS</td></tr> <tr><td>64</td><td>Operating Rating</td><td>20 Tons.</td></tr> <tr><td>65</td><td>Inventory Rating Meth</td><td>ALLOWABLE STRESS</td></tr> <tr><td>66</td><td>Inventory Rating</td><td>9 Tons.</td></tr> <tr><td>70</td><td>Bridge Posting Code</td><td>30.0-39.9% BELOW</td></tr> </table>	31	Design Load	H 10	41	Structure Status	P - POSTED FOR LOAD	63	Oper. Rating Meth.	ALLOWABLE STRESS	64	Operating Rating	20 Tons.	65	Inventory Rating Meth	ALLOWABLE STRESS	66	Inventory Rating	9 Tons.	70	Bridge Posting Code	30.0-39.9% BELOW	<table border="0" style="width:100%"> <tr><td>43A</td><td>Main Struc. Mat type</td><td>STEEL</td></tr> <tr><td>43B</td><td>Main struc Constr. Type</td><td>STRINGER/MULTIBEAM - GRD</td></tr> <tr><td>45</td><td># of Main Spans</td><td>3</td></tr> <tr><td>44A</td><td>Appr Struc. Mat type</td><td></td></tr> <tr><td>44B</td><td>Appr Struc. Cnstr. type</td><td></td></tr> <tr><td>46</td><td># of Approach Span</td><td>0</td></tr> <tr><td>107</td><td>Deck Mat/Constr.</td><td>1 CONCRETE CIP</td></tr> <tr><td>108A</td><td>Wear Surf Mat/Constr.</td><td>6 BITUMINOUS</td></tr> <tr><td>108B</td><td>Membrane Mat/Constr.</td><td>0 NONE</td></tr> <tr><td>108C</td><td>Deck Protect Mat/Constr.</td><td>0 NONE</td></tr> </table>	43A	Main Struc. Mat type	STEEL	43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD	45	# of Main Spans	3	44A	Appr Struc. Mat type		44B	Appr Struc. Cnstr. type		46	# of Approach Span	0	107	Deck Mat/Constr.	1 CONCRETE CIP	108A	Wear Surf Mat/Constr.	6 BITUMINOUS	108B	Membrane Mat/Constr.	0 NONE	108C	Deck Protect Mat/Constr.	0 NONE			
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DistrictAbbr = SE and Design_No = T0093 and County = MADISON



**Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet**

June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : APPROVED	NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 1/16/2018	SUBMITTAL YEAR : 2017

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix MO
3 County MADISON	5C Designated Level of Service MAINLINE
8 Federal ID No. 8988	5D Route Number 0000M
27 Year Built 1934	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried RT M S
42A Type of Service On HIGHWAY	12 Base Hwy. Network NO
21 Structure Maintenance STATE HIGHWAY AGENCY	13A LRS Inventory Route No.
22 Structure Owner STATE HIGHWAY AGENCY	13B Subroute No.
33 Br. Median Code NO MEDIAN	20 Toll Status ON FREE ROAD
37 Historical Significance NOT ELIGIBLE FOR NR OF HP	26 Functional Classification 07-RURAL MAJOR COLLECTOR
101 Parallel Struc Desg NONE EXISTS	28A Lanes on Structure 01
103 Temporary Structure NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY
112 NBIS Bridge Length YES	104 National Highway System NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 276
Code 05410	30 AADT Year 2016
9 Location S 16 T 31 N R 7 E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 7.98 miles	109 AADT Truck Percent 11%
16 Latitude 37 D 21 M 41 S	114 Future AADT 386
17 Longitude 90 D 16 M 32 S	115 Future AADT Year 2036

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 60.14 miles
28B Lanes Under Structure 00	32 Approach Roadway Width 20 Ft. 0 In.
54A Vert. Clearance Ref. N/A	34 Skew 20.00 Degrees
54B Vert. Clearance 0 Ft. 0 In.	35 Struct. Flared NO
55A Rt. Lat Clear Ref. N/A	47 Total Horiz. Clear 20 Ft. 0 In.
55B Rt. Lat Clearance 0 Ft. 0 In.	48 Maximum Span Length 47 Ft. 11 In.
56 Left Lat Clearance 0 Ft. 0 In.	49 Structure Length 102 Ft. 0 In.
38 Navigation Control PERMIT NOT REQ	50A Left Curb/Sidewalk Width 0 Ft. 0 In.
39 Nav Vertical Clear 0 Ft. 0 In.	50B Right Curb/Sidewalk Width 0 Ft. 0 In.
40 Nav Horizontal Clear 0 Ft. 0 In.	51 Curb to Curb Br. Width 20 Ft. 0 In.
111 Nav. Pier Protection	52 Deck Width (Out-Out) 21 Ft. 4 In.
116 Nav. Cl. Vert. Clear	53 Vert. Clearance Over Deck 99 Ft. 99 In.

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**Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet**

June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : APPROVED	NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 2/26/2004	SUBMITTAL YEAR : 2003

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix MO
3 County MADISON	5C Designated Level of Service MAINLINE
8 Federal ID No. 8988	5D Route Number 0000M
27 Year Built 1934	5E Directional Suffix NOT APPLICABLE
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42A Type of Service On HIGHWAY	12 Base Hwy. Network NO
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112 NBIS Bridge Length YES	104 National Highway System NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 365
Code 05410	30 AADT Year 2002
9 Location S 16 T 31N R 7E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 7.94 miles	109 AADT Truck Percent 10%
16 Latitude 37 D 21 M 42 S	114 Future AADT 511
17 Longitude 90 D 16 M 30 S	115 Future AADT Year 2024

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 60.14 miles
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**Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet**

June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : APPROVED	NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 2/6/2007	SUBMITTAL YEAR : 2006

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix MO
3 County MADISON	5C Designated Level of Service MAINLINE
8 Federal ID No. 8988	5D Route Number 0000M
27 Year Built 1934	5E Directional Suffix NOT APPLICABLE
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	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 302
Code 05410	30 AADT Year 2005
9 Location S 16 T 31 N R 7 E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 7.99 miles	109 AADT Truck Percent 10%
16 Latitude 37 D 21 M 42 S	114 Future AADT 422
17 Longitude 90 D 16 M 30 S	115 Future AADT Year 2027

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 60.14 miles
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56 Left Lat Clearance 0 Ft. 0 In.	49 Structure Length 102 Ft. 0 In.
38 Navigation Control PERMIT NOT REQ	50A Left Curb/Sidewalk Width 0 Ft. 0 In.
39 Nav Vertical Clear 0 Ft. 0 In.	50B Right Curb/Sidewalk Width 0 Ft. 0 In.
40 Nav Horizontal Clear 0 Ft. 0 In.	51 Curb to Curb Br. Width 20 Ft. 0 In.
111 Nav. Pier Protection	52 Deck Width (Out-Out) 21 Ft. 4 In.
116 Nav. Cl. Vert. Clear	53 Vert. Clearance Over Deck 99 Ft. 99 In.

DistrictAbbr = SE and Design_No = T0093 and County = MADISON



**Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet**

June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : APPROVED	NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 3/15/2016	SUBMITTAL YEAR : 2015

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix MO
3 County MADISON	5C Designated Level of Service MAINLINE
8 Federal ID No. 8988	5D Route Number 0000M
27 Year Built 1934	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried RT M S
42A Type of Service On HIGHWAY	12 Base Hwy. Network NO
21 Structure Maintenance STATE HIGHWAY AGENCY	13A LRS Inventory Route No.
22 Structure Owner STATE HIGHWAY AGENCY	13B Subroute No.
33 Br. Median Code NO MEDIAN	20 Toll Status ON FREE ROAD
37 Historical Significance NOT ELIGIBLE FOR NR OF HP	26 Functional Classification 07-RURAL MAJOR COLLECTOR
101 Parallel Struc Desg NONE EXISTS	28A Lanes on Structure 01
103 Temporary Structure NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY
112 NBIS Bridge Length YES	104 National Highway System NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 272
Code 05410	30 AADT Year 2015
9 Location S 16 T 31 N R 7 E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 7.98 miles	109 AADT Truck Percent 11%
16 Latitude 37 D 21 M 41 S	114 Future AADT 380
17 Longitude 90 D 16 M 32 S	115 Future AADT Year 2036

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 60.14 miles
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**Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet**

June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : APPROVED	NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 2/3/2021	SUBMITTAL YEAR : 2020

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix MO
3 County MADISON	5C Designated Level of Service MAINLINE
8 Federal ID No. 8988	5D Route Number 0000M
27 Year Built 1934	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried RT M S
42A Type of Service On HIGHWAY	12 Base Hwy. Network NO
21 Structure Maintenance STATE HIGHWAY AGENCY	13A LRS Inventory Route No.
22 Structure Owner STATE HIGHWAY AGENCY	13B Subroute No.
33 Br. Median Code NO MEDIAN	20 Toll Status ON FREE ROAD
37 Historical Significance NOT ELIGIBLE FOR NR OF HP	26 Functional Classification 07-RURAL MAJOR COLLECTOR
101 Parallel Struc Desg NONE EXISTS	28A Lanes on Structure 01
103 Temporary Structure NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY
112 NBIS Bridge Length YES	104 National Highway System NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 274
Code 05410	30 AADT Year 2019
9 Location S 16 T 31 N R 7 E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 7.98 miles	109 AADT Truck Percent 11%
16 Latitude 37 D 21 M 41 S	114 Future AADT 383
17 Longitude 90 D 16 M 32 S	115 Future AADT Year 2039

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 60.14 miles
28B Lanes Under Structure 00	32 Approach Roadway Width 20 Ft. 0 In.
54A Vert. Clearance Ref. N/A	34 Skew 20.00 Degrees
54B Vert. Clearance 0 Ft. 0 In.	35 Struct. Flared NO
55A Rt. Lat Clear Ref. N/A	47 Total Horiz. Clear 20 Ft. 0 In.
55B Rt. Lat Clearance 0 Ft. 0 In.	48 Maximum Span Length 47 Ft. 11 In.
56 Left Lat Clearance 0 Ft. 0 In.	49 Structure Length 102 Ft. 0 In.
38 Navigation Control PERMIT NOT REQ	50A Left Curb/Sidewalk Width 0 Ft. 0 In.
39 Nav Vertical Clear 0 Ft. 0 In.	50B Right Curb/Sidewalk Width 0 Ft. 0 In.
40 Nav Horizontal Clear 0 Ft. 0 In.	51 Curb to Curb Br. Width 20 Ft. 0 In.
111 Nav. Pier Protection	52 Deck Width (Out-Out) 21 Ft. 4 In.
116 Nav. Cl. Vert. Clear	53 Vert. Clearance Over Deck 99 Ft. 99 In.

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**Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet**

June 27, 2024
3:59:55pm

COUNTY : MADISON	BRIDGE : T0093	REVIEW STATUS : APPROVED	NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 3/7/2024	SUBMITTAL YEAR : 2023

GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
1 State MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT
2 District SE	5B Route Signing Prefix MO
3 County MADISON	5C Designated Level of Service MAINLINE
8 Federal ID No. 8988	5D Route Number 0000M
27 Year Built 1934	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried RT M S
42A Type of Service On HIGHWAY	12 Base Hwy. Network NO
21 Structure Maintenance STATE HIGHWAY AGENCY	13A LRS Inventory Route No.
22 Structure Owner STATE HIGHWAY AGENCY	13B Subroute No.
33 Br. Median Code NO MEDIAN	20 Toll Status ON FREE ROAD
37 Historical Significance NOT ELIGIBLE FOR NR OF HP	26 Functional Classification 07-RURAL MAJOR COLLECTOR
101 Parallel Struc Desg NONE EXISTS	28A Lanes on Structure 01
103 Temporary Structure NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY
112 NBIS Bridge Length YES	104 National Highway System NOT ON NHS
	105 Federal Lands Highway NOT APPLICABLE
	110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION
4 Place BIG CREEK	29 AADT 390
Code 05410	30 AADT Year 2023
9 Location S 16 T 31 N R 7 E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 7.98 miles	109 AADT Truck Percent 11%
16 Latitude 37 D 21 M 41 S	114 Future AADT 546
17 Longitude 90 D 16 M 32 S	115 Future AADT Year 2043

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected E FK BIG CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 60.14 miles
28B Lanes Under Structure 00	32 Approach Roadway Width 20 Ft. 0 In.
54A Vert. Clearance Ref. N/A	34 Skew 20.00 Degrees
54B Vert. Clearance 0 Ft. 0 In.	35 Struct. Flared NO
55A Rt. Lat Clear Ref. N/A	47 Total Horiz. Clear 20 Ft. 0 In.
55B Rt. Lat Clearance 0 Ft. 0 In.	48 Maximum Span Length 47 Ft. 11 In.
56 Left Lat Clearance 0 Ft. 0 In.	49 Structure Length 102 Ft. 0 In.
38 Navigation Control PERMIT NOT REQ	50A Left Curb/Sidewalk Width 0 Ft. 0 In.
39 Nav Vertical Clear 0 Ft. 0 In.	50B Right Curb/Sidewalk Width 0 Ft. 0 In.
40 Nav Horizontal Clear 0 Ft. 0 In.	51 Curb to Curb Br. Width 20 Ft. 0 In.
111 Nav. Pier Protection	52 Deck Width (Out-Out) 21 Ft. 4 In.
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