

November 19, 2024 5:11:19AM

COUNTY: LAWRENCE DISTRICT: SW CLASS: STATBR FED-ID: 634 BRIDGE: A0872

GENERAL STRUCTURE INFORMATION ***BRIDGE INSPECTION INFORMATION*** **ROUTE: US60E** # **SPANS**: 3 PLACE CODE: 09442 BUCK PRAIRIE **DATE:** 07/23/2024 **RESPONSIBILITY: DISTRICT** LANES ON: 2 FEATURE: MNARR LENGTH: 148 FT 0 IN FREQUENCY: 24 **CALCULATED INTERVAL**: 24** LANES UNDER: 0 STATUS: A-OPEN MAXIMUM SPAN: 55 FT 0 IN **TEAM LEADER: MATTHEW GEIGER ELEMENT: YES LOG MILE: 56.879 COMPASS DIRECTION: WEST to EAST** APPROACH ROADWAY: 44 FT 0 IN **INSPECTOR 2:** AARON RIEDER (NTLQ) **INSPECTOR 4: DETOUR: 14.00 MILES DIRECTION OF TRAFFIC: 2-WAY TRAF** CURB TO CURB: 28 FT 0 IN **INSPECTOR 3:** NHS: YES **OUT TO OUT:** 31 FT 7 IN FUNCTIONAL CLASS: UR-PRINCIPAL ARTERIAL ** When calculated interval exceeds the frequency, a justification comment per BIRM is required. **BUILT:** 1961 **NBI OWNER: MODOT AADT:** 11513 **GENERAL INSPECTION COMMENTS** REHAB: **NBI MAINTAINED: MODOT AADT YEAR: 2023 MAINTENANCE DISTRICT: SW** LOCATION: S 9 T 26 R 25 W **AADT TRUCK: 11.5% LATITUDE:** 36 58 6.38 (DMS) **MAINTENANCE COUNTY: LAWRENCE FUTURE AADT: 21875 LONGITUDE:** 93 40 40.74 (DMS) SUB AREA: 7G35 **FUTURE AADT YEAR: 2043** ***INDEPTH INSPECTION INFORMATION*** ***FRACTURE CRITICAL INSPECTION INFORMATION*** DATE: RESPONSIBILITY: **CATEGORY: CATEGORY:** DATE: **RESPONSIBILITY: FREQUENCY: CALCULATED INTERVAL**: NBI**: **FREQUENCY: CALCULATED INTERVAL**: NBI**: **TEAM LEADER: INSPECTOR 3: METHOD: TEAM LEADER: INSPECTOR 3: METHOD: INSPECTOR 2: INSPECTOR 4: INSPECTOR 2: INSPECTOR 4:** ** When calculated interval exceeds the frequency, a justification comment per BIRM is required. ** 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*** **CATEGORY: CATEGORY:** DATE: **DATE: RESPONSIBILITY: RESPONSIBILITY:** FREOUENCY: FREOUENCY: **CALCULATED INTERVAL**: NBI**: CALCULATED INTERVAL**: **NBI**: TEAM LEADER: **INSPECTOR 3: METHOD: TEAM LEADER: INSPECTOR 3: METHOD: INSPECTOR 2: INSPECTOR 4: INSPECTOR 2: INSPECTOR 4:** ** When calculated interval exceeds the frequency, a justification comment per BIRM is required. ** 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** DATE **FREQUENCY CATEGORY** NBI CALCULATED INTERVAL RESPONSIBILITY **METHOD**

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COUNTY: LAWRENCE

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STRUCTURE POSTING **APPROVED CATEGORY: S-1** NO POSTING REQUIRED **Ton 1: Ton 2: Ton 3: COMMENTS:** FIELD CATEGORY: S-1 NO POSTING REQUIRED **PROBLEM:** PROBLEM DIRECTION: **Ton 1: Ton 2: Ton 3: COMMENTS:** ***GENERAL COMMENTS/MAJOR RATED ITEMS*** GENERAL COMMENTS: (BOWDEJ1, 06/25/2008)--(46'-55'-46') CONT COMP WF GDR SPANS [ITEM 58] DECK: 3-SERIOUS CONDITION **COMMENTS:** (RIEDEA1, 08/05/2024)--70% - 80% SATURATION EACH SPAN. **RATING:** 08/05/2024 [ITEM 59] SUPER: 5-FAIR CONDITION COMMENTS: (RIEDEA1, 08/05/2024)--MINOR PACK RUST @ GIRDER ENDS UNDER EXP JT 4, 10-15% SECTION LOSS **RATING:** 08/05/2024 [ITEM 60] SUB: 6-SATISFACTORY CONDITION COMMENTS: (MEDLES1, 07/15/2014)--ABUTMENTS SPALLED & CRACKED **RATING:** 05/18/2001 [ITEM 61] BANK/CHANNEL: N-NOT APPLIC NO WATRWAY **COMMENTS: RATING:** 05/18/2001 [ITEM 113] SCOUR: N-NOT APPLIC NOT WATERW **COMMENTS: RATING:** 05/18/2001 **EVALUATION TYPE:** [ITEM 71] WATERWAY ADEQUACY: NOT APPLICABLE **COMMENTS: RATING:** 05/18/2001 [ITEM 72] APPRRDWY ALIGNMENT: 8-VERYGOOD **COMMENTS: RATING:** 05/18/2001 ***RAILING AND APPROACH PAVEMENT COMPONENTS AND RATINGS*** [ITEM 36A] BRIDGE RAILING RATING: MEETS CURRENT STANDARDS-1 **RATING:** 08/16/2016 **COMMENTS: DIRECTION MATERIAL CONSTRUCTION COMMENTS** REINFORCED CONCRETE **CURB BOTH BOTH** STEEL CHANNEL-12" **CONDITION** LOCATION 1 **SEVERITY LOCATION 2 COMMENT RUSTING** THROUGHOUT **MEDIUM** REINFORCED CONCRETE **BLOCKOUT BOTH CONDITION** LOCATION 1 LOCATION 2 **SEVERITY COMMENT** EFFLORESCENCE THROUGHOUT MINOR VERTICAL CRACKS THROUGHOUT **MINOR** [ITEM 36B] TRANSITION RAILING RATING: MEETS CURRENT STANDARDS-1 **RATING:** 08/16/2016 **COMMENTS:** MATERIAL **CONSTRUCTION DIRECTION COMMENTS** THRIE BEAM TO W-BEAM **GALVANIZED STEEL** ALL

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BRIDGE: A0872

COUNTY: LAWRENCE DISTRICT: SW CLASS: STATBR FED-ID: 634 [ITEM 36C] APPROACH RAILING RATING: MEETS CURRENT STANDARDS-1 **RATING**: 12/16/2008 **COMMENTS:**

MATERIAL **CONSTRUCTION DIRECTION COMMENTS**

GALVANIZED STEEL W-BEAM ALL

[ITEM 36D] RAIL END TREATMENT RATING: MEETS CURRENT STANDARDS-1 **RATING:** 12/16/2008 **COMMENTS:**

MATERIAL CONSTRUCTION DIRECTION COMMENTS GALVANIZED STEEL BREKAWAY SYSTEM ALL

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

CONSTRUCTION DIRECTION CONDITION* COMMENTS MATERIAL

ASPHALT/CONCRETE BITUMINOUS MAT/SLAB **BOTH CONDITION** LOCATION 1 LOCATION 2 **SEVERITY COMMENT**

> **DETERIORATION** AT ABUTMENTS MINOR

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

DECK PROTECTIVE COMPONENTS:

OVERALL CONDITION SERIES TYPE-# **COMPONENT MATERIAL** YEAR APPLIED **MANUFACTURE CONSTRUCTION THICKNESS**

FAIR

MAIN SERIES-1 BITUMINOUS SEAL COAT **WEARING SURFACE ASPHALT** 2.6 IN GOOD2024

COMMENT: (RIEDEA1, 08/05/2024)--1.5" ASPHALT MAT IN 2024 OVER, 2020 CHIP SEAL OVER 2015 CHIP SEAL OVER 2013 CHIP SEAL

DECK PROTECTION *NOTAPPLICABLE* NONE

COMMENT:

MEMBRANE **NONE** *NOTAPPLICABLE*

COMMENT:

DRAINAGE COMPONENTS:

COMPONENT MATERIAL CONSTRUCTION DIRECTION COMMENTS

DRAINAGE REINFORCED CONCRETE CURB OUTLET

EXPANSION DEVICE COMPONENTS:

SUB LABEL SUB UNIT-# **COMPONENT MATERIAL CONSTRUCTION GAP** YEAR APPLIED **MANUFACTURE OVERALL CONDITION** CLOSED EXPANSION JOINT ABUTMENT-4 STEEL FLAT PLATE **VERY POOR**

COMMENT: (GEIGEM1, 12/08/2020)--FLAT PLATE EXP JT AT EAST ABUTMENT REPLACED WITH REINFORCED CONCRETE BY BRIDGE JOC IN JULY 2020

(GEIGEM1, 12/08/2020)--NO SEAL IN PLACE

BANK/SLOPE PROTECTION COMPONENTS:

COMPONENT MATERIAL CONSTRUCTION DIRECTION COMMENTS

DECK COMPONENTS

SPAN TYPE-# **MATERIAL COMPONENT CONSTRUCTION COMMENTS**

MAIN SPANS-1 DECKREINFORCED CONCRETE CAST-IN-PLACE

CONDITION LOCATION 1 LOCATION 2 **SEVERITY MEASUREMENT COMMENT**

DETERIORATION EDGE MODERATE MODERATE EFFLORESCENCE RANDOM FULL DEPTH PATCHES RANDOM SMALL MAP CRACKS **BOTTOM** MANY

Design $N_0 = a0872$

CLASS: STATBR COUNTY: LAWRENCE DISTRICT: SW FED-ID: 634 BRIDGE: A0872 THROUGHOUT MODERATE PATCHES 50 % 70 % THROUGHOUT HEAVY SATURATION MINOR TRANSVERSE CRACKS THROUGHOUT MAIN SPANS-2 DECKREINFORCED CONCRETE CAST-IN-PLACE **CONDITION** LOCATION 1 LOCATION 2 **SEVERITY MEASUREMENT COMMENT** DETERIORATION **EDGE MODERATE** EFFLORESCENCE RANDOM **MODERATE BOTTOM** MANY MAP CRACKS **PATCHES** THROUGHOUT **MODERATE** 50 % 80 % SATURATION THROUGHOUT **MODERATE** TRANSVERSE CRACKS THROUGHOUT **MINOR** REINFORCED CONCRETE MAIN SPANS-3 DECKCAST-IN-PLACE **LOCATION 2 CONDITION LOCATION 1 SEVERITY MEASUREMENT COMMENT** DETERIORATION **EDGE** HEAVY **MODERATE** EFFLORESCENCE RANDOM **SMALL FULL DEPTH PATCHES** RANDOM BOTTOM MANY MAP CRACKS **MODERATE** 50 % **PATCHES** THROUGHOUT SATURATION THROUGHOUT HEAVY 80 % TRANSVERSE CRACKS MINOR THROUGHOUT

	SUPERSTRUCTURE COMPONENTS								
SERIES TYPE-#	SPAN TYPE	MATE	<u>ERIAL</u>	CONSTRUCTION	<u>LABEL</u>	<u>COMMENTS</u>			
MAIN SERIES-1	CONTINUOUS SPAN	STE	EEL WI	DE FLANGE GIRDERS					
<u>SPAN</u>	COMPOSITE INDICATOR	LENGTH	WEATHERING STEEL	<u>COMMENTS</u>					
MAIN SPANS-1	COMPOSITE	46 FT 7 IN	NO						
<u>CONDITION</u>	<u>LOCA</u>	<u>TION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>			
PACK RUST		LANGE		MINOR		(NUNNT, 08/03/2020)AT OUTLETS			
RUSTING		I FLANGE		LIGHT					
RUSTING	EXTERIOR	R GIRDERS		HEAVY		(CAMPBL1, 09/19/2018)TOP FL @ OUTLET			
MAIN SPANS-2	COMPOSITE	55 FT 0 IN	NO						
<u>CONDITION</u>	<u>LOC</u> AT	TION 1	<u>LOCATION 2</u>	<u>SEVERITY</u>	MEASUREMENT	<u>COMMENT</u>			
PACK RUST	TOP FI	LANGE		MINOR		(CAMPBL1, 09/19/2018)@ OUTLETS			
RUSTING	BOTTOM	I FLANGE		LIGHT					
RUSTING	EXTERIOR	R GIRDERS		HEAVY		(CAMPBL1, 09/19/2018)@ OUTLETS			
MAIN SPANS-3	COMPOSITE	46 FT 7 IN	NO						
CONDITION		<u>TION 1</u>	LOCATION 2	<u>SEVERITY</u>	MEASUREMENT	<u>COMMENT</u>			
PACK RUST	· · · · · · · · · · · · · · · · · · ·	IDS		MODERATE					
PACK RUST	TOP FI	LANGE		MODERATE		(CAMPBL1, 09/19/2018)@ OUTLET			
RUST	GIRDEI	R ENDS		HEAVY					
RUSTING		I FLANGE		LIGHT					
RUSTING		R GIRDERS		HEAVY		(CAMPBL1, 09/19/2018)@ OUTLETS			
SECTION LOS	SS GIRDEI	R ENDS		MINOR		(RIEDEA1, 08/05/2024)10-15% SECTION LOSS			

SUBSTRUCTURE COMPONENTS

MODOT

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	TITE ENVIRENCE	E E	DISTRICT: 5W	CEASS, STATER	TED-II	31 00 1	DRIDGE, NOO72
<u>SUBSTRUCTURE</u>	<u>SKEW</u>	<i>LENGTH</i>	<u>MATERIAL</u>	<u>CONSTRUCTION</u> <u>L</u>	<u>ABEL COMMENT</u>	<u>S</u>	
ABUTMENT-1	LA-12 DEGREES	36 FT 0 IN I	REINFORCED CONCRETE	NON-INTEGRAL			
	<u>CONDITION</u>		LOCATION 1	LOCATION 2	<u>SEVERITY</u>	MEASUREMENT	COMMENT
ASSOCIAT		MATED			<u>SEV ERITT</u>	MENISCREMENT	COMMENT
· · · · · · · · · · · · · · · · · · ·	ED COMPONENT	<u>MATER</u>		<u>CONSTRUCTION</u>			
BEAM CAI		REINFO	ORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	HORIZONTAL CRACE	KS	THROUGHOUT		OPEN		
	LEACHING		THROUGHOUT		MODERATE		
		3					
B11 B1 ~	VERTICAL CRACKS		RANDOM	H OHAPS	FINE		
PILING		STEEL		H-SHAPE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
STRAIGHT	WINGS	REINFO	ORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>		LOCATION 1	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DACKWAI		DEDIEC			<u>SET ERITT</u>	WEARSONE WEST VI	<u>comment</u>
BACKWAL		REINFO	DRCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	EFFLORESCENCE		RANDOM		MODERATE		
	VERTICAL CRACKS		RANDOM		MINOR		
EADVICIO	N BEARING	STEEL		ROCKER	min, or		
EAFAINSIO		SIEEL			CELEDITY	MEACHDEMENT	COMMENT
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	CUMINENI
	PACK RUST		THROUGHOUT		HEAVY		
	RUSTING		THROUGHOUT		HEAVY		
DEL 77. 6	1 / 14 DEGREES	20 EE 0 E		A HITTIDLE COLLEGE			
BENT-2		29 FT 8 IN I	REINFORCED CONCRETE	MULTIPLE COLUMN			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
ASSOCIAT	ED COMPONENT	MATER	PIAL	<u>CONSTRUCTION</u>			
BEAM CAI			ORCED CONCRETE	CAST-IN-PLACE			
DEAM CAI	CONDITION	CEINIC	LOCATION 1	LOCATION 2	SEVERITY	MEASUREMENT	COMMENT
	CONDITION			<u> </u>	SEVERITY	<u>MEASUKEMENI</u>	<u>COMMENT</u>
COLUMN		REINFO	ORCED CONCRETE	CAST-IN-PLACE			
	CONDITION		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	MEASUREMENT	<u>COMMENT</u>
	VERTICAL CRACKS	S	THROUGHOUT		MINOR		
FOOTING	, Little ill ciu icik		ORCED CONCRETE	SPREAD	MIII (OIC		
FOOTING	COMPUTION	KEINFU			CELLEDIAN	MEACHDEMENT	COMMENT
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	COMMENT
FIXED BEA	ARING	STEEL		PEDESTAL(ROTATING)			
	CONDITION		LOCATION 1	LOCATION 2	SEVERITY	MEASUREMENT	COMMENT
1							
BENT-3	LA-12 DEGREES	29 FT 8 IN I	REINFORCED CONCRETE	MULTIPLE COLUMN			
	CONDITION		<u>LOCATION 1</u>	LOCATION 2	SEVERITY	MEASUREMENT	COMMENT
ASSOCIAT	ED COMPONENT	MATER		<u>CONSTRUCTION</u>	<u></u>		
· · · · · · · · · · · · · · · · · · ·	<u></u>						
BEAM CAI		REINFO	DRCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	HORIZONTAL CRACE	KS	ENDS		MINOR		
	VERTICAL CRACKS		ENDS		FINE		
COLUMN	, LIGITOTIL CRACK		ORCED CONCRETE	CAST-IN-PLACE	1 11 11		
COLUMN	COMPTEION	KEINFU			CELLEDIAN	MEAGUREMENT	COMMENT
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENI</u>
	EFFLORESCENCE		BOTTOM		LIGHT		
	VERTICAL CRACKS	S	THROUGHOUT		MINOR		
FOOTING			ORCED CONCRETE	SPREAD			
	CONDITION	TCDII (I	LOCATION 1	LOCATION 2	SEVERITY	MEASUREMENT	COMMENT
		~		<u> </u>		MEASUREMENT	COMMENT
EXPANSIO	N BEARING	STEEL		SLIDING CURVED/FLAT F			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
						_	
ADAMS COVER A	I / IA DECREEC	14 PT 6 TV	DEDUCADOR CONCRETE	NON DIEDON II			
ABUTMENT-4	<i>LA-12 DEGREES</i>	36 FT 0 IN I	REINFORCED CONCRETE	NON-INTEGRAL			
Design_No = a0872							

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<u>UR-ID</u> 1485

COUNTY: LAWRENCE	DISTRICT: SW	CLASS: STATBR	FED-I	D: 634	BRIDGE: A0872			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>			
ASSOCIATED COMPONENT	<u>MATERIAL</u>	<u>CONSTRUCTION</u>						
BEAM CAP	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>			
DELAMINATION	RANDOM		SMALL					
HORIZONTAL CRACK	THROUGHOUT		MINOR					
LEACHING	RANDOM		MINOR					
VERTICAL CRACKS			FINE					
PILING	STEEL	H-SHAPE						
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>			
STRAIGHT WINGS	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>			
BACKWALL	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>			
DELAMINATION	RANDOM		MODERATE					
EFFLORESCENCE	RANDOM		LIGHT					
SPALLS	RANDOM		MODERATE					
VERTICAL CRACKS	THROUGHOUT		FINE					
EXPANSION BEARING	STEEL	ROCKER						
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>			
PACK RUST	THROUGHOUT		MODERATE					
RUSTING	THROUGHOUT		HEAVY					
	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.

VERTICAL CLEARANCE TYPE**

ACTUAL

VALUE

<u>VALUE</u> 23 FT 3 IN

DIRECTION

DIRECTION

DATE

COMMENT

CLEARANCES UNDER BRIDGE

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

DATE

01/10/2018

RECORD#

ROUTE MNA RR **VERTICAL CLEARANCE TYPE**** # LANES

DIRECTION OF TRAFFIC

RIGHT LATERAL CLEARANCE

LEFT LATERAL CLEARANCE

24 FT 8 IN

COMMENT

STRUCTURE PAINT INFORMATION

CONDITION:

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RUST AMOUNT: 5=3.0% OF SURFACE RUSTED **FAIR**

STEEL TONS: 42

DATE

DEPARTMENT REPAINT

PAINT TYPE: A SYSTEM

ORIGINAL PAINT

PAINT TYPE:

PAINT TYPE:

MANUFACTURE: SURFACE PREP:

NAME: RED LEAD **PAINT COLOR: ALUMINUM**

NAME: **PAINT COLOR:**

CONTRACT REPAINT

NAME: **PAINT COLOR:**

PAINT YEAR:

PAINT YEAR: 1962 MILS: 5

PAINT YEAR: MILS:

MILS:

REQUESTED WORK ITEMS

GENERAL WORK COMMENTS:

LOCATION

ITEM

CATEGORY

PRIORITY

WORK ITEM COMMENT

REGIONAL DISTRICT ROUTINE STIP

RESPONSIBILITY

ABUTMENT-BEARINGS APPROACH RAIL

CLEAN, PAINT, AND RESET ADD BRIDGE NO SIGN

SUBSTRUCTURE **RAIL**

3 3

07/09/2014 07/22/2018 (NUNNT, 08/03/2020)--2 SIGNS NEEDED

REPLACEMENT 04/10/2024 (GEIGEM1, 05/10/2024)--2027 - REDECK @ 30' OR REPLACE @ 38'.

UTILITY ATTACHMENTS

UTILITY

OWNER

METHOD

MEASUREMENT TYPE

VALUE

NUMBER

UTILITY ATTACHMENT COMMENT

PROGRAM NOTES INFORMATION

YEAR

PROJECT #

MONTH LET

YEAR LET

ITEMS

COMMENT

COMPL	UTER GENERATED RATINGS AND	DEFICIENCY ITEMS	***ADVANCED SIGN INFORMATION***			
NOTE: The items listed in this section are up	pdated whenever computer edits are ran on a struc	cture after the inspection updates have been entered in to TMS.	SIGN #	SIGN TYPE	PROBLEM	PROBLEM DIRECTION
Rated Item	Rating	Rating Date	1			
[Item 67] Structure Evaluation Rating:	5-BETTER THAN MINIMUM	4/13/2017				
[Item 68] Deck Geometry Rating:	2-BASICALLY INTOLRBLE REQ	3/22/2002				
[Item 69] Underclearance:	9-SUPR TO PRES DESIRABLE	3/7/2003				
Sufficiency Rating:	41.2%	8/9/2024				
Deficiency:	STRUCTURAL	8/8/2022				
Funding Eligibility:	FULL			***OUTFALL INSP	PECTION INFORMATIO	N***
Estimated New Structure Length:	180 FT.					
Estimated Structure Cost:	\$1,259,820		# OUTFALLS:	IN	SPECTOR:	
Estimated Total Project Cost:	\$1,889,730		STATUS:		DATE:	
Year of Cost Estimate:	2024		NOTES:			
generalized to use NBI items to come up with	stimates are computer generated using algorithm a new structure length and width to calculate a new may vary significantly from these numbers once	w area which is taken times a representative cost per				

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BRIDGE: A0872



November 19, 2024 5:13:34AM

COUNTY: LAWRENCE DISTRICT: SW CLASS: STATBR FED-ID: 6003 BRIDGE: K0947

GENERAL STRUCTURE INFORMATION ***BRIDGE INSPECTION INFORMATION*** **ROUTE: RTHS** # **SPANS**: 3 PLACE CODE: 32410 HOBERG VILLAGE **DATE:** 07/24/2024 **RESPONSIBILITY: DISTRICT** LANES ON: 2 FEATURE: MNA RR **LENGTH:** 173 FT 0 IN FREQUENCY: 24 **CALCULATED INTERVAL**: 24** LANES UNDER: 0 STATUS: A-OPEN **MAXIMUM SPAN:** 57 FT 6 IN **TEAM LEADER: MATTHEW GEIGER ELEMENT: NO LOG MILE:** 0.999 **COMPASS DIRECTION:** SOUTH to NORTH APPROACH ROADWAY: 40 FT 0 IN **INSPECTOR 2:** AARON RIEDER (NTLQ) **INSPECTOR 4: DETOUR:** 36.00 MILES **DIRECTION OF TRAFFIC: 2-WAY TRAF CURB TO CURB: 29 FT 1 IN INSPECTOR 3:** NHS: NO **FUNCTIONAL CLASS: RL-MINOR ARTERIAL OUT TO OUT: 29 FT 10 IN** ** When calculated interval exceeds the frequency, a justification comment per BIRM is required. **BUILT:** 1941 **NBI OWNER: MODOT AADT: 4576 GENERAL INSPECTION COMMENTS** REHAB: **NBI MAINTAINED: MODOT AADT YEAR: 2023 MAINTENANCE DISTRICT: SW** LOCATION: S 2 T 27 R 27 W **AADT TRUCK:** 12.9% **LATITUDE:** 37 4 27.67 (DMS) **MAINTENANCE COUNTY: LAWRENCE FUTURE AADT: 7322 LONGITUDE:** 93 51 28.10 (DMS) SUB AREA: 7G35 **FUTURE AADT YEAR: 2043** ***INDEPTH INSPECTION INFORMATION*** ***FRACTURE CRITICAL INSPECTION INFORMATION*** DATE: RESPONSIBILITY: **CATEGORY: CATEGORY:** DATE: **RESPONSIBILITY: FREQUENCY: CALCULATED INTERVAL**: NBI**: **FREQUENCY: CALCULATED INTERVAL**: NBI**: **TEAM LEADER: INSPECTOR 3: METHOD: TEAM LEADER: INSPECTOR 3: METHOD: INSPECTOR 2: INSPECTOR 4: INSPECTOR 2: INSPECTOR 4:** ** When calculated interval exceeds the frequency, a justification comment per BIRM is required. ** 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*** **CATEGORY: DATE:** 01/30/2013 **CATEGORY: QUALITY ASSURANCE DATE: RESPONSIBILITY: BRIDGEDIV RESPONSIBILITY:** FREOUENCY: 999 **NBI:** NO **CALCULATED INTERVAL**:** FREOUENCY: CALCULATED INTERVAL**: **NBI**: TEAM LEADER: **INSPECTOR 3: CURT STEGEMAN METHOD: TEAM LEADER: INSPECTOR 3: METHOD: INSPECTOR 2: PATRICK MARTENS INSPECTOR 4: INSPECTOR 2: INSPECTOR 4:** ** When calculated interval exceeds the frequency, a justification comment per BIRM is required. ** 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** DATE **FREQUENCY CATEGORY** NBI CALCULATED INTERVAL RESPONSIBILITY **METHOD**

MoDOT

Missouri Department of Transportation State Bridge Inspection Report

November 19, 2024 5:13:34AM

COUNTY: LAWRENCE

DISTRICT: SW

CLASS: STATBR

FED-ID: 6003

BRIDGE: K0947

NO POSTING REQUIRED Ton 2:		***STRUC	CTURE POSTING***		
	,				
Ton 2:	,				
		Ton 3:			
NO POSTING REOUIRED					
Ton 2:	,	Ton 3:	PROBLEM:	PROBLEM DIRECTION:	
	**	*GENERAL COMMI	ENTS/MAJOR RATED ITE	CMS***	
008)(57'-57'-57') SMP DECK GDRS	SPANS				
EDIOUS CONDITION	COMMENTS	• (NILININIT 07/20/2022) 7:	50/ CATIDATION CD 2		
	COMMENTS	. (NUNN1, 07/29/2022)73	5% SATURATION SP. 3.		
1/2020					
ERIOUS CONDITION	COMMENTS:	: (CAMPBL1, 09/19/2018)-	DK CONTROLS		
.1/2020					
OOD CONDITION	COMMENTS	· (MEDLEC1_07/17/2014)	CDACKE CDALLE DETER		
	COMMENTS			AP WITH MINOR REARING INFLUENCE	
1//2024		(1101111, 00/27/2021) 11	ELIVI BETERRORUMON BI 3 O	AT WITH MINOR BEAUTY IN ECENCE.	
OT APPLIC NO WATRWAY	COMMENTS:	<u> </u>			
	COMMENTS:	;			
.8/2001					
	COMMENTS:	:			
.8/2001					
ATISEA CTODY	COMMENTS				
	COMMENTS				
6/2001					
	RAILING	AND APPROACH PA	VEMENT COMPONENTS	AND RATINGS	
: MEETS CURRENT STANDARDS-1		RATING: 05/18/2001	COMMENTS:		
<u>CONSTRUCTION</u>	DIRECTION	COMMENTS			
THRIE BEAM	BOTH				
: MEETS CURRENT STANDARDS-1		RATING : 05/18/2001	COMMENTS:		
<u>CONSTRUCTION</u>	DIRECTION	<u>COMMENTS</u>			
RIE BEAM TO W-BEAM	ALL				
. MEETC CUDDENIE CEAND ADDOL		DATING - 05/10/2001	COMMENTS.		
			COMMENTS:		
		<u>COMMENTS</u>			
W-BEAM	ALL				
: MEETS CURRENT STANDARDS-1		RATING : 05/18/2001	COMMENTS:		
	•		COMMINICAL VIDA		
	ERIOUS CONDITION 11/2020 ERIOUS CONDITION 11/2020 OOR CONDITION 27/2024 NOT APPLIC NO WATRWAY 18/2001 NOT APPLIC NOT WATERW 18/2001 T APPLICABLE 18/2001 ATISFACTORY 18/2001 E: MEETS CURRENT STANDARDS-1 CONSTRUCTION THRIE BEAM E: MEETS CURRENT STANDARDS-1 CONSTRUCTION RIE BEAM TO W-BEAM E: MEETS CURRENT STANDARDS-1 CONSTRUCTION RIE BEAM TO W-BEAM E: MEETS CURRENT STANDARDS-1 CONSTRUCTION W-BEAM	### ### ### ### ### ### ### ### ### ##	***GENERAL COMMI	Ton 2:	Ton 2: Ton 3: PROBLEM: PROBLEM DIRECTION:

Missouri Department of Transportation

November 19, 2024

5:13:34AM

State Bridge Inspection Report

COUNTY: LAWRENCE DISTRICT: SW CLASS: STATBR FED-ID: 6003 BRIDGE: K0947

<u>MATERIAL</u> <u>CONSTRUCTION</u> <u>DIRECTION</u> <u>COMMENTS</u>

GALVANIZED STEEL OTHER ALL (WEHMES, 12/05/2012)--CONTINUOUS >100'

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 POOR

<u>CONDITION</u> <u>LOCATION 1</u> <u>LOCATION 2</u> <u>SEVERITY</u> <u>COMMENT</u>

LONGITUDINAL CRACKS THROUGHOUT MEDIUM TRANSVERSE CRACKS THROUGHOUT LARGE

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

DECK PROTECTIVE COMPONENTS:

MODOT

<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 2.4 IN 2015 POOR

COMMENT: (GEIGEM1, 03/28/2019)--0.4" 2015 CHIP SEAL OVER 2" 2011 ASPHALT MAT

<u>CONDITION</u> <u>LOCATION 1</u> <u>LOCATION 2</u> <u>SEVERITY</u> <u>COMMENT</u>

DETERIORATION THROUGHOUT MODERATE
PATCHES THROUGHOUT MODERATE
SPALLS THROUGHOUT MODERATE

DECK PROTECTION NOTAPPLICABLE NONE

COMMENT:

MEMBRANE LIQUID SEALANT BUILT-UP

COMMENT:

DRAINAGE COMPONENTS:

<u>COMPONENT</u> <u>MATERIAL</u> <u>CONSTRUCTION</u> <u>DIRECTION</u> <u>COMMENTS</u>

EXPANSION DEVICE COMPONENTS:

COMMENT:

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

BENT-2 CLOSED EXPANSION JOINT

BENT-3 CLOSED EXPANSION JOINT FELT FILLED JOINT

COMMENT:

BANK/SLOPE PROTECTION COMPONENTS:

COMPONENT MATERIAL CONSTRUCTION DIRECTION COMMENTS

FELT

DECK COMPONENTS

FILLED JOINT

SPAN TYPE-# COMPONENT MATERIAL CONSTRUCTION COMMENTS

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>

DETERIORATION EDGE HEAVY EFFLORESCENCE THROUGHOUT LIGHT

 $Design_No = k0947$

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CONSTITUTIONAL CONTROL	COUNTY: LAWRENCE	DISTRICT: SW	CLASS: STATBR		FED-ID: 6003	BRIDGE: K0947
SATURATION TIROCETION TIROCETICAL TIROCETION TIROCETION TIROCETICAL TIROCETION TIROCETICAL TI	LONGITUDINAL CRACKS	BOTTOM		MANY		
SCALING THROUGHOUT MOVER A N						(OCONND, 08/09/2011)40%PATCHED (8-1-11)
MINOR					60 %	
MAIN STRING DECK REINFORCE CONCERT CAST STRING CAS					4.07	
MAIN SPINES DECK REMOVED CONCRETE COST-REPLACE COMMENT COMMENT					4 %	
	I RANSVERSE CRACKS	THROUGHOUT		MANY		
DELECTION DELOCATION DELO	MAIN SPANS-2 DECK	REINFORCED CONCR	ETE CAST-IN-PLA	1CE		
PATCHES THROLEROUT MANY 50% STREAMEN THROLEROUT MEANY 60% 60	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
SATIRATION THROLEGOLT HEAVY 60%						
SCALING THROUGHOUT						
SALIS THROUGHOUT FEW SEVENTIAL CRASH SASTEMBEN COMPINED CONTINUE CONTINU					60 %	
TRANSPERSICEACES					2.0/	
MAIN SPANS DECK REINFORCED CONCRETE CAST-RAPIACE DIMENT DIAGN DI					3 70	
CONDITION	TRANSVERSE CRACKS	TIROCOHOCT		T L VV		
CONDITION						
DUTLEDIORATION						
FFFI CORSCENCE TUROCCHOILT MANY			<u>LOCATION 2</u>		<u>MEASUREMENT</u>	<u>COMMENT</u>
TONGITIONAL CRAKES BOTTOM MANY						
MANY						
PATCHES						
SATURATION THROUGHOUT HEAVY 90 % HEA					55 %	
SCALING THROUGHOUT HISAVY STRILLS THROUGHOUT STRILLS THROUGHOUT STRILLS THROUGHOUT STRILLS SUMPLEX SUMMER						
SPAILS					<i>70 70</i>	
SERIES TYPE-#					2 %	
SERIES TYPE	TRANSVERSE CRACKS	THROUGHOUT				
SERIES TYPE MATERIAL CONSTRUCTION LABEL COMMENTS MAIN SERIES-1 SIMPLE SPAN REINFORCED CONCRETE DECK GIR SPAN COMPOSITE INDICATOR LENGTH WEATHERING STEEL OCONDITION DELAMINATION GIRDER SNDS REBAR EXPOSED GORI MAIN SPANS-2 NON-COMPOSITE 57 FT 6 IN NO CONDITION REBAR EXPOSED GORI MAIN SPANS-2 NON-COMPOSITE 57 FT 6 IN NO CONDITION REBAR EXPOSED GORI MAIN SPANS-2 NON-COMPOSITE 57 FT 6 IN NO CONDITION REBAR EXPOSED GORI MAIN SPANS-2 NON-COMPOSITE 57 FT 6 IN NO CONDITION REBAR EXPOSED GORI MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION DELAMINATION GIRDER SNDS MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION DELAMINATION GIRDER SNDS MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION DELAMINATION GORI SOLUTION (GREEN SNDS) MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION DELAMINATION GORI SNDS (GORI MODERATE (CAMPBLI, 09/19/2018)—@ BOTH BT 2&3 MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION DELAMINATION GORI SNDS (GORI MODERATE (CAMPBLI, 09/19/2018)—@ BOTH BT 2&3 MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION DELAMINATION GORI SNDS (GORI MODERATE (NUNNT, 08/12/2022)—AT ABUT. SATURATION GORIE SNDS (NUNNT, 08/12/2022)—@ BT. 3 AND ABUT.						
SERIES TYPE MATERIAL CONSTRUCTION LABEL COMMENTS MAIN SERIES-1 SIMPLE SPAN REINFORCED CONCRETE DECK GIR SPAN COMPOSITE INDICATOR LENGTH WEATHERING STEEL ONN-COMPOSITE STIP 6 IN NO (SITTETT, 08/16/2016)VERTICAL CRACK IN DIAPHRAM CONDITION LOCATION I LOCATION I LOCATION I LOCATION I MINOR REBAR EXPOSED GORI MODERATE MAIN SPANS-2 NON-COMPOSITE 57 FT 6 IN NO CONDITION REBAR EXPOSED GORI MINOR MAIN SPANS-2 NON-COMPOSITE 57 FT 6 IN NO CONDITION REBAR EXPOSED GORI MINOR ACCONDITION GIRDER SIDE GORI MINOR MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION GIRDER SIDE GORI MODERATE MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION GIRDER SIDE GORI MODERATE MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION GIRDER SIDE GORI MODERATE MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION GIRDER SIDE GORI MODERATE MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION GIRDER SIDE GORI MODERATE MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION GIRDER SIDE SIDE (CAMPBLI, 09/19/2018)-@ BOTH BT 2&3 MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION GIRDER SIDE SIDE (CAMPBLI, 09/19/2018)-@ BOTH BT 2&3 MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION GIRDER SIDE SIDE SIDE SIDE SIDE SIDE SIDE SIDE			***\$ PFRSTR	HCTURE COMP	ONFNTS***	
MAIN SPANS-1	SERIES TYPE-# SPAN TYPE	MATERIAL				COMMENTS
MAIN SPANS-1 CONDITION DILLAMINATION REBAR EXPOSED SATURATION REBAR EXPOSED SATURATION SPALLS MINOR REBAR EXPOSED SATURATION REBAR EXPOSED SATURATION SPALLS MINOR REBAR EXPOSED SATURATION SPALLS MINOR REBAR EXPOSED SATURATION SPALLS GIRDER SDS GORI MON-COMPOSITE S7 FT 6 IN NO CONDITION REBAR EXPOSED SATURATION SPALLS MON-COMPOSITE S7 FT 6 IN NO CONDITION REBAR EXPOSED SATURATION SPALLS MON-COMPOSITE S7 FT 6 IN NO CONDITION REBAR EXPOSED SATURATION GIRDER FNDS GORI MON-COMPOSITE S7 FT 6 IN NO CONDITION REBAR EXPOSED SATURATION GIRDER FNDS GORI MON-COMPOSITE S7 FT 6 IN NO CONDITION REBAR EXPOSED SATURATION GIRDER FNDS GORI MON-COMPOSITE S7 FT 6 IN NO CONDITION REBAR EXPOSED SATURATION GIRDER FNDS GORI MON-COMPOSITE S7 FT 6 IN NO COMPOSITE S7 FT 6 IN NO COMMENT MODERATE COMMENT MODERATE MODERATE MODERATE MODERATE COMMENT COMMENT COMMENT COMMENT VIUNNT, 08/12/2022)AT ABUT.		<u> </u>				
CONDITION DELAMINATION GIRDE RIDS REBAR EXPOSED GORI SATURATION GIRDERS SPALLS MODERATE MEASUREMENT MEASUREMEN	SPAN COMPOSITE INDI	ICATOR LENGTH WEAT				
CONDITION DELAMINATION GIRDER ENDS REBAR EXPOSED GIRI SPALLS MINOR MODERATE CONDITION LOCATION 1 LOCATION 2 CONDITION GIRDER ENDS GDR 1 MINOR MODERATE MEASUREMENT MEASUR			•		L CRACK IN DIAPHR	RAGM
REBAR EXPOSED GDRI GIRDERS MODERATE SPALLS GDRI MINOR MODERATE MAIN SPANS-2 NON-COMPOSITE 57 FT 6 IN NO CONDITION REBAR EXPOSED GDRI MINOR SATURATION GIRDER FNDS SPALLS GDRI MODERATE MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION DELAMINATION GDRI LOCATION 1 SATURATION GIRDER ENDS SATURATION GDRI HORALD LOCATION 2 SEVERITY MEASUREMENT COMMENT MODERATE MEASUREMENT (CAMPBLI, 09/19/2018)-@ BOTH BT 2&3 MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION SATURATION GDRI SATURATION GIRDER ENDS SATURATION GIRDER ENDS GDRI MINOR MINOR MEASUREMENT (NUNNT, 08/12/2022)AT ABUT. (NUNNT, 08/12/2022)@ BT. 3 AND ABUT.						
SATURATION SPANLS GIRDERS GDRI MODERATE MODERATE MODERATE MODERATE MODERATE MODERATE MAIN SPANS-2 NON-COMPOSITE 57 FT 6 IN NO CONDITION LOCATION 1 LOCATION 2 SEVERITY MINOR MODERATE SATURATION GIRDER ENDS GDRI MODERATE MODERATE SPALLS GDRI NON-COMPOSITE 57 FT 6 IN NO CONDITION LOCATION 1 LOCATION 2 MEASUREMENT (CAMPBLI, 09/19/2018)-@ BOTH BT 2&3 MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION LOCATION 1 LOCATION 2 SEVERITY MEASUREMENT (NUNNT, 08/12/2022)AT ABUT. SATURATION GIRDER ENDS HEAVY SPALLS GDRI MINOR (NUNNT, 08/12/2022)@ BT. 3 AND ABUT.	DELAMINATION	GIRDER ENDS		MINOR		(CAMPBL1, 09/19/2018)GDR 1 @ BT 2
MAIN SPANS-2 NON-COMPOSITE 57 FT 6 IN NO CONDITION REBAR EXPOSED GDRI SATURATION GIRDER ENDS SPALLS MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION DELAMINATION SATURATION SATURATION GIRDER ENDS SPALLS MODERATE MEASUREMENT COMMENT (CAMPBL1, 09/19/2018)-@ BOTH BT 2&3 MEASUREMENT (NUNNT, 08/12/2022)AT ABUT. (NUNNT, 08/12/2022)@ BT. 3 AND ABUT.						
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CONDITION REBAR EXPOSED GDR1 GIRDER ENDS SATURATION SATURATION SATURATION SPALLS MAIN SPANS-3 CONDITION DELAMINATION GIRDER ENDS GDR1 LOCATION 1 LOCATION 2 LOCATION 3 MODERATE CONDITION DELAMINATION GIRDER ENDS SATURATION GIRDER ENDS SPALLS GDR1 LOCATION 2 MEASUREMENT MEASUREMENT MEASUREMENT (NUNNT, 08/12/2022)AT ABUT. (NUNNT, 08/12/2022)@ BT. 3 AND ABUT.						
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SATURATION GIRDER ENDS SPALLS GDR1 MODERATE MODERATE MODERATE (CAMPBL1, 09/19/2018)@ BOTH BT 2&3 MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION LOCATION 1 DELAMINATION GDR1 SATURATION GIRDER ENDS SPALLS GDR1 MODERATE MODERATE MODERATE MEASUREMENT MEASUREMENT (NUNNT, 08/12/2022)AT ABUT. (NUNNT, 08/12/2022)@ BT. 3 AND ABUT.			<u>LOCATION 2</u>	· · · · · · · · · · · · · · · · · · ·	<u>MEASUREMENT</u>	<u>COMMENT</u>
SPALLS GDR1 MODERATE (CAMPBL1, 09/19/2018)@ BOTH BT 2&3 MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION LOCATION 1 LOCATION 2 SEVERITY MEASUREMENT COMMENT DELAMINATION GDR1 MODERATE (NUNNT, 08/12/2022)AT ABUT. SATURATION GIRDER ENDS HEAVY SPALLS GDR1 MINOR (NUNNT, 08/12/2022)@ BT. 3 AND ABUT.						
MAIN SPANS-3 NON-COMPOSITE 57 FT 6 IN NO CONDITION LOCATION 1 DELAMINATION GDR1 SATURATION GIRDER ENDS SPALLS GDR1 MINOR MEASUREMENT COMMENT (NUNNT, 08/12/2022)AT ABUT. (NUNNT, 08/12/2022)@ BT. 3 AND ABUT.						
CONDITIONLOCATION 1LOCATION 2SEVERITYMEASUREMENT MODERATECOMMENT (NUNNT, 08/12/2022)AT ABUT.DELAMINATIONGIRDER ENDSHEAVYSPALLSGDR1MINOR(NUNNT, 08/12/2022)@ BT. 3 AND ABUT.	SPALLS	GDR1		MODERATE		(CAMPBL1, 09/19/2018)@ BOTH BT 2&3
CONDITIONLOCATION 1LOCATION 2SEVERITY MODERATEMEASUREMENT (NUNNT, 08/12/2022)AT ABUT.DELAMINATIONGDR1MODERATE HEAVYSPALLSGDR1MINOR(NUNNT, 08/12/2022)@ BT. 3 AND ABUT.						
CONDITIONLOCATION 1LOCATION 2SEVERITY MODERATEMEASUREMENT (NUNNT, 08/12/2022)AT ABUT.DELAMINATIONGDR1MODERATE HEAVYSPALLSGDR1MINOR(NUNNT, 08/12/2022)@ BT. 3 AND ABUT.	MAIN SPANS-3 NON-COMPOS	SITE 57 FT 6 IN	NO			
SATURATION GIRDER ENDS HEAVY SPALLS GDR1 MINOR (NUNNT, 08/12/2022)@ BT. 3 AND ABUT.				SEVERITY	<u>MEASUREMENT</u>	<u>COMMENT</u>
SPALLS GDR1 MINOR (NUNNT, 08/12/2022)@ BT. 3 AND ABUT.						(NUNNT, 08/12/2022)AT ABUT.
Design $N_0 = k0947$	SPALLS	GDR1		MINOR		(NUNNT, 08/12/2022)@ BT. 3 AND ABUT.
	Design_No = k0947					

This report contains information that is protected from disclosure by federal law, 23 USC Section 409 and the Missouri Open Records Law (Sunshine Act), Section 610.021 RSMo. Please review MoDOT's policy and procedure manual on the Sunshine Act before releasing any of the information contained herein.

COUNTY: LAWRENCE DISTRICT: SW

CLASS: STATBR FED-ID: 6003

BRIDGE: K0947

SUBSTRUCTURE COMPONENTS **SUBSTRUCTURE** SKEW **LENGTH** MATERIAL CONSTRUCTION LABEL **COMMENTS** ABUTMENT-1 RA-18 DEGREES 38 FT 0 IN REINFORCED CONCRETE OPEN CONCRETE **CONDITION LOCATION 1 LOCATION 2 SEVERITY** MEASUREMENT COMMENT ASSOCIATED COMPONENT **CONSTRUCTION MATERIAL** REINFORCED CONCRETE BEAM CAP CAST-IN-PLACE **CONDITION LOCATION 1 LOCATION 2 SEVERITY MEASUREMENT COMMENT EFFLORESCENCE RANDOM** LIGHT TOP HORIZONTAL CRACKS **MEDIUM SPALLS RANDOM** MINOR (NUNNT, 08/11/2020)--HIGH STEEL VERTICAL CRACKS **RANDOM** FINE COLUMN REINFORCED CONCRETE CAST-IN-PLACE **CONDITION** LOCATION 1 LOCATION 2 **SEVERITY MEASUREMENT COMMENT** STRAIGHT WINGS REINFORCED CONCRETE CAST-IN-PLACE **CONDITION** LOCATION 1 **LOCATION 2 SEVERITY COMMENT MEASUREMENT** REINFORCED CONCRETE CAST-IN-PLACE TIE BEAM **CONDITION** LOCATION 1 LOCATION 2 **SEVERITY** MEASUREMENT **COMMENT FOOTING** REINFORCED CONCRETE H-PILE **CONDITION LOCATION 1 LOCATION 2 SEVERITY** <u>MEASUREMENT</u> <u>COMMENT</u> **EXPANSION BEARING** BRONZE SLIDING FLAT PLATE LOCATION 2 **CONDITION LOCATION 1** SEVERITY *MEASUREMENT* **COMMENT** DIAPHRAGM REINFORCED CONCRETE CAST-IN-PLACE **CONDITION** LOCATION 1 LOCATION 2 **SEVERITY** MEASUREMENT COMMENT LEACHING **RANDOM MINOR VERTICAL CRACKS RANDOM** FINE BENT-2 RA-18 DEGREES 29 FT 0 IN REINFORCED CONCRETE MULTIPLE COLUMN **CONDITION SEVERITY** LOCATION 1 LOCATION 2 MEASUREMENT COMMENT ASSOCIATED COMPONENT **MATERIAL CONSTRUCTION** BEAM CAP REINFORCED CONCRETE CAST-IN-PLACE **CONDITION** LOCATION 1 LOCATION 2 **SEVERITY** MEASUREMENT COMMENT **DELAMINATION THROUGHOUT MODERATE DETERIORATION ENDS MODERATE** TOP HORIZONTAL CRACKS **MEDIUM** LEACHING **THROUGHOUT MODERATE SATURATION** THROUGHOUT HEAVY VERTICAL CRACKS **THROUGHOUT MINOR** COLUMN **CAST-IN-PLACE** REINFORCED CONCRETE **CONDITION** LOCATION 1 LOCATION 2 **SEVERITY** MEASUREMENT COMMENT **DELAMINATION MODERATE** RANDOM **DETERIORATION RANDOM** MINOR VERTICAL CRACKS **RANDOM** LARGE **FOOTING** REINFORCED CONCRETE H-PILE **CONDITION** LOCATION 1 LOCATION 2 **SEVERITY COMMENT** *MEASUREMENT* TIE BEAM REINFORCED CONCRETE **CAST-IN-PLACE CONDITION** LOCATION 1 LOCATION 2 **SEVERITY** MEASUREMENT COMMENT **DELAMINATION SMALL** RANDOM **EXPANSION BEARING BRONZE** SLIDING FLAT PLATE **CONDITION** LOCATION 1 LOCATION 2 **SEVERITY** MEASUREMENT **COMMENT** FIXED BEARING **BRONZE** FLAT PLATE **CONDITION** LOCATION 1 LOCATION 2 **SEVERITY** MEASUREMENT **COMMENT**

MoDOT

COUNTY: LAWRENCE DISTRICT: SW CLASS: STATBR FED-ID: 6003 BRIDGE: K0947

BENT-3	RA-18 DEGREES 29	FT 0 IN REINFORCED CONCRETE	MULTIPLE COLUMN			
221,170	CONDITION	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	MEASUREMENT	COMMENT
ACCO CLATED		<u> </u>		SEVERITI	MEASUREMENT	COMMENT
<u>ASSOCIATED (</u>	<u>COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP		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>
	DETERIORATION	ENDS		HEAVY		(CAMPBL1, 09/19/2018)W/MINOR BEARING INFLUENCE @ SP 2 GDR 1
	ORIZONTAL CRACKS	THROUGHOUT		MEDIUM		(e.a221, 0%13, 2016)ae22ae.a222e2 @ 21 2 e2161
	LEACHING	THROUGHOUT		MODERATE		
	PATCHES	THROUGHOUT		MODERATE		
_	SATURATION	THROUGHOUT		MODERATE		
	VERTICAL CRACKS	THROUGHOUT		MINOR		
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	MEASUREMENT	<u>COMMENT</u>
	DETERIORATION	RANDOM		MODERATE		
FOOTING		REINFORCED CONCRETE	H-PILE			
roomio	CONDITION	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	MEASUREMENT	COMMENT
TIE DE AM	CONDITION			<u>SEVERITI</u>	INEXISCREMENT	COMMENT
TIE BEAM	COMPTENDI	REINFORCED CONCRETE	CAST-IN-PLACE	an in provi	145 464 054 054 054 054	
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
НС	ORIZONTAL CRACKS	THROUGHOUT		MEDIUM		
	LEACHING	THROUGHOUT		MINOR		
	SPALLS	RANDOM		MINOR		
7	/ERTICAL CRACKS	THROUGHOUT		FINE		
FIXED BEARIN		BRONZE	FLAT PLATE			
	CONDITION	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	MEASUREMENT	COMMENT
DIADIDACM	CONDITION			SEVERITI	MEASUREMENT	COMMENT
DIAPHRAGM	COMPTEND	REINFORCED CONCRETE	CAST-IN-PLACE	an in provi	145 464 555	
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	EFFLORESCENCE	THROUGHOUT		MODERATE		
НС	ORIZONTAL CRACKS	THROUGHOUT		MEDIUM		
	SATURATION	THROUGHOUT		MODERATE		
(D. 1 m.) (D. 1 m.)			0.0000000000000000000000000000000000000			
ABUTMENT-4		FT 0 IN REINFORCED CONCRETE	OPEN CONCRETE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<u>ASSOCIATED (</u>	<u>COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE			
	CONDITION	<u>LOCATION 1</u>	<u>LOCATION 2</u>	SEVERITY	MEASUREMENT	COMMENT
	DELAMINATION	THROUGHOUT	<u> </u>	MODERATE	THE CITE OF THE PARTY OF THE PA	
HC	ORIZONTAL CRACKS	TOP		OPEN		
	LEACHING	THROUGHOUT		MODERATE		
	PATCHES	THROUGHOUT		MODERATE		
	REBAR EXPOSED	RANDOM		FEW		
	SATURATION	THROUGHOUT		MODERATE		
	SCALING	THROUGHOUT		MEDIUM		
	SPALLS	RANDOM		MODERATE		
7	/ERTICAL CRACKS	THROUGHOUT		FINE		
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE	· -		
COLONIII	CONDITION	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	MEASUREMENT	COMMENT
			LOCATION 2		MEMBURLINE	COMMILLIA
	DELAMINATION	THROUGHOUT		MODERATE		
	SCALING	THROUGHOUT		MEDIUM		
	SPALLS	TOP		MINOR		
STRAIGHT WI		REINFORCED CONCRETE	CAST-IN-PLACE			
	CONDITION	<u>LOCATION 1</u>	<u>LOCATION 2</u>	SEVERITY	MEASUREMENT	<u>COMMENT</u>
TIE BEAM		REINFORCED CONCRETE	CAST-IN-PLACE			

MODOT

Missouri Department of Transportation

November 19, 2024 5:13:34AM

State Bridge Inspection Report

COUNTY: LAWRENCE DISTRICT: SW CLASS: STATBR FED-ID: 6003 BRIDGE: K0947 <u>MEASUREMENT</u> <u>COMMENT</u> **LOCATION 2 SEVERITY CONDITION** LOCATION 1 **FOOTING** REINFORCED CONCRETE H-PILE

EXPANSION BEARING

CONDITION DIAPHRAGM

ROUTE

CONDITION DIAGONAL CRACKS EFFLORESCENCE

SATURATION

CONDITION

BRONZE LOCATION 1 REINFORCED CONCRETE

> LOCATION 1 RANDOM **RANDOM** THROUGHOUT

DIRECTION OF TRAFFIC

LOCATION 1

LOCATION 2 SLIDING FLAT PLATE **LOCATION 2**

SEVERITY MEASUREMENT COMMENT **SEVERITY**

MODERATE

MODERATE

MEASUREMENT COMMENT

SEVERITY MEASUREMENT COMMENT **MODERATE**

OVER/UNDER ROUTES CLEARANCE INFORMATION

CLEARANCES OVER DECK

MoDOT

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

VERTICAL CLEARANCE TYPE** VALUE **DIRECTION DATE COMMENT**

LANES

CLEARANCES UNDER BRIDGE

RECORD #

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

16 FT 0 IN

RIGHT LATERAL CLEARANCE

CAST-IN-PLACE

LOCATION 2

LEFT LATERAL CLEARANCE

UR-ID 13331

DEPARTMENT REPAINT

MANUFACTURE:

SURFACE PREP:

MNA RR VERTICAL CLEARANCE TYPE** **ACTUAL**

VALUE 22 FT 11 IN

DIRECTION

DATE 02/08/2018 **COMMENT**

STRUCTURE PAINT INFORMATION

CONDITION: RUST AMOUNT: STEEL TONS: 0

> **ORIGINAL PAINT** CONTRACT REPAINT

PAINT TYPE: PAINT TYPE: PAINT TYPE: NAME: NAME: NAME: **PAINT COLOR: PAINT COLOR: PAINT COLOR: PAINT YEAR: PAINT YEAR:**

PAINT YEAR: MILS: MILS: MILS:

REQUESTED WORK ITEMS

GENERAL WORK COMMENTS:

Design No = k0947

MoDOT

Missouri Department of Transportation State Bridge Inspection Report

November 19, 2024 5:13:34AM

COUNTY: LAWRENCE DISTRICT: SW CLASS: STATBR FED-ID: 6003 **BRIDGE: K0947** RESPONSIBILITY **LOCATION ITEM CATEGORY PRIORITY DATE WORK ITEM COMMENT** (CAMPBL1, 09/19/2018)--MILL/FILL NEXT PAVING CONTRACT **FUTURE** WEARING SURFACE 07/24/2018 07/09/2020 (NUNNT, 08/11/2020)--EXCESSIVE POISON VINES ON SLOPES AND GROWING UP COLUMNS. DISTRICT ROUTINE SLOPE SPRAY VINES SLOPE 2 04/10/2024 (GEIGEM1, 05/10/2024)--2027 SATURATED DK GDR STIP REPLACEMENT JOB ORDER CONTRACT ROADWAY SURFACE REPAIR CONCRETE>100 SF **DECK** 07/24/2024 (NUNNT, 08/27/2024)--160 SF. DISTRICT ROUTINE ROADWAY SURFACE SEAL - IRON MOUNTAIN CHIP **DECK** 07/24/2024 (NUNNT, 08/27/2024)--2025 - CHIP SEAL. ***UTILITY ATTACHMENTS*** UTILITY **OWNER METHOD MEASUREMENT TYPE VALUE NUMBER** UTILITY ATTACHMENT COMMENT ***PROGRAM NOTES INFORMATION*** **ITEMS COMMENT** PROJECT# MONTH LET YEAR LET **YEAR** 1991 K0947R (GEIGEM1, 12/04/2020)--REMOVE CURB AND BALUSTER RAIL, INSTALL THRIE BEAM RAILS, REMOVE CHIP SEAL, 14.4% OF BRIDGE DECK REPAIR, INSTALL CHIP SEAL & 2" ASPHALT OVERLAY, SUBSTRUCTURE REPAIR ***COMPUTER GENERATED RATINGS AND DEFICIENCY ITEMS*** ***ADVANCED SIGN INFORMATION*** 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. SIGN# **SIGN TYPE PROBLEM** PROBLEM DIRECTION **Rated Item** Rating **Rating Date** 3-BASICALLY INTOL CORRECT 8/13/2020 [Item 67] Structure Evaluation Rating: 5/18/2001 [Item 68] Deck Geometry Rating: 4-MEETS MINIMUM TOLERABLE 3/22/2002 [Item 69] Underclearance: 6-EQ TO PRESENT MIN CRITR 12/1/2021 **Sufficiency Rating:** 4.5% **Deficiency:** STRUCTURAL 1/10/2012 **Funding Eligibility:** ***OUTFALL INSPECTION INFORMATION*** **Estimated New Structure Length: # OUTFALLS: INSPECTOR: Estimated Structure Cost: STATUS: Estimated Total Project Cost:** DATE: **Year of Cost Estimate: NOTES:** 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.