

		<div>Missouri Department of Transportation</div> <div>State Bridge Inspection Report</div>				<div>September 24, 2019</div> <div>10:17:50AM</div>							
COUNTY: NEW MADRID		DISTRICT: SE		CLASS: STATBR		FED-ID: 6280		BRIDGE: L0454					
***GENERAL STRUCTURE INFORMATION***							***BRIDGE INSPECTION INFORMATION***						
<div>ROUTE: MO162E</div> <div>FEATURE: DRAIN DTCH #1</div> <div>STATUS: P-POSTLOAD</div> <div>LOG MILE: 8.386</div> <div>DETOUR: 26.00 MILES</div> <div>NHS: NO</div> <div>BUILT: 1952</div> <div>REHAB:</div> <div>LOCATION: S 26 T 21 R 11 E</div> <div>LATITUDE: 36 26 8.27 (DMS)</div> <div>LONGITUDE: 89 50 25.42 (DMS)</div>		<div># SPANS: 5</div> <div>LANES ON: 2</div> <div>LANES UNDER: 0</div> <div>COMPASS DIRECTION: WEST to EAST</div> <div>DIRECTION OF TRAFFIC: 2-WAY TRAF</div> <div>FUNCTIONAL CLASS: RL-MAJOR COLLECTOR</div> <div>NBI OWNER: MODOT</div> <div>NBI MAINTAINED: MODOT</div> <div>MAINTENANCE DISTRICT: SE</div> <div>MAINTENANCE COUNTY: NEW MADRID</div> <div>SUB AREA: 7H22</div>		<div>PLACE CODE: 59132 PORTAGE</div> <div>LENGTH: 241 FT 0 IN</div> <div>MAXIMUM SPAN: 51 FT 1 IN</div> <div>APPROACH ROADWAY: 22 FT 0 IN</div> <div>CURB TO CURB: 22 FT 0 IN</div> <div>OUT TO OUT: 26 FT 2 IN</div> <div>AADT: 1013</div> <div>AADT YEAR: 2018</div> <div>AADT TRUCK: 17.8%</div> <div>FUTURE AADT: 1570</div> <div>FUTURE AADT YEAR: 2038</div>		<div>DATE: 11/14/2017</div> <div>RESPONSIBILITY: BRIDGEDIV</div> <div>FREQUENCY: 24</div> <div>CALCULATED INTERVAL**: 25</div> <div>TEAM LEADER: TERRY L SHUNAMON</div> <div>ELEMENT: NO</div> <div>INSPECTOR 2: JOSEPH RIDENHOUR (NTLQ)</div> <div>INSPECTOR 4:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>							
						<div>GENERAL INSPECTION COMMENTS</div>							
						<div>(MADSEJ, 11/17/2017)--THE BRIDGE WAS INSPECTED IN THE 25TH MONTH DUE TO SCHEDULING AND STAFFING PROBLEMS.</div>							
***FRACTURE CRITICAL INSPECTION INFORMATION***					***INDEPTH INSPECTION INFORMATION***								
<div>DATE:</div> <div>FREQUENCY:</div> <div>TEAM LEADER:</div> <div>INSPECTOR 2:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>					<div>RESPONSIBILITY:</div> <div>CALCULATED INTERVAL**:</div> <div>INSPECTOR 3:</div> <div>INSPECTOR 4:</div> <div>CATEGORY:</div> <div>NBI:</div> <div>METHOD:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>								
FRACTURE CRITICAL INSPECTION COMMENTS					INDEPTH INSPECTION COMMENTS								
***SPECIAL INSPECTION INFORMATION***					***UNDERWATER INSPECTION INFORMATION***								
<div>DATE: 07/23/2019</div> <div>FREQUENCY: 72</div> <div>TEAM LEADER: ED HESS</div> <div>INSPECTOR 2:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>					<div>RESPONSIBILITY: BRIDGEDIV</div> <div>CALCULATED INTERVAL**: 69</div> <div>INSPECTOR 3:</div> <div>INSPECTOR 4:</div> <div>CATEGORY: CHANNEL CROSS SEC</div> <div>NBI: NO</div> <div>METHOD: WT TAPE</div>								
SPECIAL INSPECTION COMMENTS					UNDERWATER INSPECTION COMMENTS								
OTHER SPECIAL INSPECTIONS					OTHER UNDERWATER INSPECTIONS								
<div>DATE</div> <div>05/11/2017</div>	<div>FREQUENCY</div> <div>999</div>	<div>CATEGORY</div> <div>DAMAGE POST INCIDENT</div>	<div>NBI</div> <div>NO</div>	<div>CALCULATED INTERVAL</div>	<div>RESPONSIBILITY</div> <div>DISTRICT</div>	<div>METHOD</div> <div>VISUAL</div>	<div>DATE</div>	<div>FREQUENCY</div>	<div>CATEGORY</div>	<div>NBI</div>	<div>CALCULATED INTERVAL</div>	<div>RESPONSIBILITY</div>	<div>METHOD</div>
<div>Design_No = L0454</div> <div>Page 1</div> <div>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.</div>													

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		State Bridge Inspection Report			10:17:50AM	
COUNTY: NEW MADRID		DISTRICT: SE	CLASS: STATBR	FED-ID: 6280	BRIDGE: L0454	
***STRUCTURE POSTING***						
APPROVED CATEGORY: S-7		TRUCKS OVER 21 TONS 15 MPH ON BRIDGE.				
Ton 1: 21		Ton 2:		Ton 3:		
COMMENTS:						
FIELD CATEGORY: S-7		TRUCKS OVER 21 TONS 15 MPH ON BRIDGE.				
Ton 1: 21		Ton 2:		Ton 3:		PROBLEM:
COMMENTS:		PROBLEM DIRECTION:				
***GENERAL COMMENTS/MAJOR RATED ITEMS***						
GENERAL COMMENTS: (BOWDEJ1, 04/09/2008)--(44'-51'-51'-51'-44') SMP WF GDR SPANS						
[ITEM 58] DECK: 3-SERIOUS CONDITION		COMMENTS: (MADSEJ, 11/17/2017)--APPROXIMATELY 75% SATURATION, SPALLS, PATCHES, AND DELAMINATIONS THROUGHOUT SPAN 5.				
RATING : 11/17/2017						
[ITEM 59] SUPER: 5-FAIR CONDITION		COMMENTS: (MADSEJ, 11/17/2017)--MINOR TO MODERATE SECTION LOSS ON A FEW GIRDER ENDS IN BEARING AREAS THROUGHOUT THE GIRDERS.				
RATING : 11/17/2017						
[ITEM 60] SUB: 5-FAIR CONDITION		COMMENTS: (MADSEJ, 11/17/2017)--MODERATE TO HEAVY SPALLING AND DELAMINATIONS ON THE BEAMCAPS AND COLUMNS THROUGHOUT THE STRUCTURE.				
RATING : 11/04/2011						
[ITEM 61] BANK/CHANNEL: 5-MAJOR DAMAGE		COMMENTS: (MADSEJ, 11/17/2017)--MODERATE TO HEAVY DRIFT ON THE BENT 4 COLUMNS. CHANNEL SCOUR HAS PARTIALLY EXPOSED THE BENT 3 AND 4				
RATING : 11/17/2017		FOOTINGS.				
[ITEM 113] SCOUR: 5-FOUNDATION STABLE		COMMENTS: (MADSEJ, 11/17/2017)--CHANNEL SCOUR HAS PARTIALLY EXPOSED THE BENT 3 FOOTINGS UP TO 1 FT. AND HAS FULLY EXPOSED THE BENT 4				
RATING : 11/17/2017		FOOTINGS WITH VERY MINOR UNDERMINING ON ONE CORNER OF THE FOOTING. NO PILE EXPOSURE IN 2017.				
EVALUATION TYPE :						
[ITEM 71] WATERWAY ADEQUACY: DECK ABOVE FLOOD ELEV		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: DOESNT MEET CURRNT STND-0		RATING : 02/17/2004		COMMENTS:		
<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>			
STEEL	CHANNEL-DOUBLE					
REINFORCED CONCRETE	CURB	BOTH				
REINFORCED CONCRETE	SIDEWALKS					
[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:		
Design_No = L0454						
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				BRIDGE: L0454			
[ITEM 36D] RAIL END TREATMENT RATING: NOT PROVIDED-0				RATING : 05/18/2001		COMMENTS:	
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>	
ASPHALT		BITUMINOUS MAT		BOTH		POOR	
***DRAINAGE, EXPANSION DEVICES, BANK/SLOPE, AND DECK PROTECTIVE COMPONENTS***							
<u>DECK PROTECTIVE COMPONENTS:</u>							
<u>SERIES TYPE-#</u>		<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>	
MAIN SERIES-1		WEARING SURFACE		ASPHALT		BITUMINOUS MAT	
<u>THICKNESS</u>		<u>YEAR APPLIED</u>		<u>MANUFACTURE</u>		<u>OVERALL CONDITION</u>	
1 IN						FAIR	
<u>COMMENT:</u>							
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	
TRANSVERSE CRACKS		THROUGHOUT				MANY	
<u>COMMENT:</u>							
<u>DECK PROTECTION</u>		<u>NOTAPPLICABLE</u>		<u>NONE</u>			
<u>COMMENT:</u>							
<u>MEMBRANE</u>		<u>NOTAPPLICABLE</u>		<u>NONE</u>			
<u>COMMENT:</u>							
<u>DRAINAGE COMPONENTS:</u>							
<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>		<u>DIRECTION</u>	
DRAINAGE		REINFORCED CONCRETE		CURB OUTLET			
<u>EXPANSION DEVICE COMPONENTS:</u>							
<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>							
<u>COMMENT:</u>							
<u>BANK/SLOPE PROTECTION COMPONENTS:</u>							
<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>		<u>DIRECTION</u>	
<u>COMMENTS</u>							
***DECK COMPONENTS***							
<u>SPAN TYPE-#</u>		<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>	
MAIN SPANS-1		DECK		REINFORCED CONCRETE		CAST-IN-PLACE	
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	
DETERIORATION		AT JOINTS				MINOR	
DETERIORATION		EDGE				MODERATE	
EFFLORESCENCE		THROUGHOUT				LIGHT	
SATURATION		THROUGHOUT				HEAVY	
TRANSVERSE CRACKS		THROUGHOUT				FEW	
<u>MEASUREMENT</u>						50 %	
<u>COMMENT</u>							
<u>MAIN SPANS-2</u>		<u>DECK</u>		<u>REINFORCED CONCRETE</u>		<u>CAST-IN-PLACE</u>	
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	
DETERIORATION		AT JOINTS				MINOR	

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**COUNTY: NEW MADRID**

**DISTRICT: SE**

**CLASS: STATBR**

FED-ID: 6280

## BRIDGE: L0454

		DETERIORATION EFFLORESCENCE SATURATION TRANSVERSE CRACKS			EDGE THROUGHOUT THROUGHOUT THROUGHOUT			MINOR MEDIUM HEAVY FEW	45 %				
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>			
DETERIORATION				AT JOINTS				MINOR					
DETERIORATION				EDGE				MODERATE					
EFFLORESCENCE				THROUGHOUT				LIGHT					
FULL DEPTH PATCHES				THROUGHOUT				SMALL					
SATURATION				THROUGHOUT				MODERATE	30 %				
TRANSVERSE CRACKS				THROUGHOUT				FEW					
MAIN SPANS-4		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				AT JOINTS				MINOR					
DETERIORATION				EDGE				MINOR					
EFFLORESCENCE				THROUGHOUT				MEDIUM					
SATURATION				THROUGHOUT				SEVERE	75 %				
TRANSVERSE CRACKS				THROUGHOUT				FEW					
MAIN SPANS-5		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				AT JOINTS				MINOR					
DETERIORATION				EDGE				MINOR					
EFFLORESCENCE				THROUGHOUT				MEDIUM					
SATURATION				THROUGHOUT				SEVERE	60 %				
TRANSVERSE CRACKS				THROUGHOUT				FEW					
***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									
<u>SPAN</u>	<u>COMPOSITE INDICATOR</u>	<u>LENGTH</u>	<u>WEATHERING STEEL</u>	<u>COMMENTS</u>									
MAIN SPANS-1	NON-COMPOSITE	44 FT 0 IN	NO										
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>							
DECK LIFTING		THROUGHOUT		MINOR	.13 INCH								
PACK RUST		TOP FLANGE		HEAVY									
RUSTING		BOTTOM FLANGE		LIGHT									
SECTION LOSS		AT BEARING		MINOR									
SECTION LOSS		TOP FLANGE		MINOR									
MAIN SPANS-2	NON-COMPOSITE	51 FT 1 IN	NO										
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>							
DECK LIFTING		THROUGHOUT		MINOR	.25 INCH								
PACK RUST		TOP FLANGE		HEAVY									
RUSTING		BOTTOM FLANGE		LIGHT									
SECTION LOSS		AT BEARING		MINOR									
SECTION LOSS		TOP FLANGE		MINOR									



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BRIDGE: L0454

MAIN SPANS-3	NON-COMPOSITE	51 FT 0 IN	NO			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
DECK LIFTING	THROUGHOUT		MINOR	.25 INCH		
PACK RUST	TOP FLANGE		HEAVY			
RUSTING	BOTTOM FLANGE		LIGHT			
SECTION LOSS	AT BEARING		MINOR			
SECTION LOSS	TOP FLANGE		MINOR			

MAIN SPANS-4		NON-COMPOSITE	51 FT 1 IN	NO			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>		
DECK LIFTING	THROUGHOUT		MINOR	.13 INCH			
PACK RUST	TOP FLANGE		HEAVY				
RUSTING	BOTTOM FLANGE		LIGHT				
SECTION LOSS	AT BEARING		MINOR				
SECTION LOSS	TOP FLANGE		MINOR				


MAIN SPANS-5	NON-COMPOSITE	44 FT 0 IN	NO			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
AGAINST BACKWALL	ENDS	EAST	NOT APPLICABLE			
PACK RUST	TOP FLANGE		HEAVY			
RUSTING	BOTTOM FLANGE		LIGHT			
SECTION LOSS	AT BEARING		MINOR			
SECTION LOSS	TOP FLANGE		MINOR			

**\*\*\*SUBSTRUCTURE COMPONENTS\*\*\***

<u>SUBSTRUCTURE</u>	<u>SKIEW</u>	<u>LENGTH</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>LABEL</u>	<u>COMMENTS</u>
ABUTMENT-1		26 FT 2 IN	REINFORCED CONCRETE	NON-INTEGRAL		
	<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			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>
PILING			TIMBER	OTHER		
	<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>
	SHOVING		THROUGHOUT		MODERATE	
FIXED BEARING			STEEL	CURVED PLATE(ROTATING)		
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
	OTHER		THROUGHOUT		NOT APPLICABLE	(MADSEJ, 11/17/2017)--ALL BEARING BOTTOM PLATES HAVE SHIFTED WEST 1.5 IN.
	RUSTING		THROUGHOUT		LIGHT	
BENT-2		23 FT 4 IN	REINFORCED CONCRETE	MULTIPLE COLUMN		
	<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			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			THROUGHOUT		LARGE	

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COLUMN	SPALLS	ENDS	NORTH		MEDIUM						
	SPALLS	THROUGHOUT			FEW						
		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>
FOOTING	SCALING	GROUND LINE			LIGHT						
	SPALLS	TOP	THROUGHOUT		FEW						
		REINFORCED CONCRETE	TIMBER PILE								
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>					<u>MEASUREMENT</u>	<u>COMMENT</u>
FIXED BEARING		STEEL	CURVED PLATE(ROTATING								
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>					<u>MEASUREMENT</u>	<u>COMMENT</u>
	OTHER	THROUGHOUT			NOT APPLICABLE					(MADSEJ, 11/17/2017)--THE EAST SIDE BEARING BOTTOM PLATES HAVE MOVED WEST UP T 1/2" AND THE WEST SIDE BOTTOM BEARING PLATES HAVE MOVED EAST 3/8"	
BENT-3	PACK RUST	THROUGHOUT			MEDIUM						
		23 FT 4 IN	REINFORCED CONCRETE	MULTIPLE COLUMN							
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>					<u>MEASUREMENT</u>	<u>COMMENT</u>
BENT-3	<u>ASSOCIATED 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>
COLUMN	SPALLS	THROUGHOUT			FEW						
		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	TOP	THROUGHOUT		FEW						
FOOTING	SCALING	WATERLINE			LIGHT						
		REINFORCED CONCRETE	TIMBER PILE								
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>					<u>MEASUREMENT</u>	<u>COMMENT</u>
	EXPOSED	TOP	THROUGHOUT		1.5 FT						
FIXED BEARING		STEEL	CURVED PLATE(ROTATING								
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>					<u>MEASUREMENT</u>	<u>COMMENT</u>
	PACK RUST	THROUGHOUT			MEDIUM						
BENT-4		23 FT 4 IN	REINFORCED CONCRETE	MULTIPLE COLUMN							
	<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	REINFORCED CONCRETE	CAST-IN-PLACE								
BENT-4											
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>					<u>MEASUREMENT</u>	<u>COMMENT</u>
	DELAMINATION	THROUGHOUT			LARGE						
	SPALLS	THROUGHOUT			LARGE						
COLUMN		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	TOP	THROUGHOUT		LARGE						
	SCALING	WATERLINE			LIGHT						
FOOTING	SPALLS	TOP	THROUGHOUT		FEW						
		REINFORCED CONCRETE	TIMBER PILE								
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>					<u>MEASUREMENT</u>	<u>COMMENT</u>
	EXPOSED	THROUGHOUT			FULL						
FIXED BEARING		STEEL	CURVED PLATE(ROTATING								
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>					<u>MEASUREMENT</u>	<u>COMMENT</u>
	PACK RUST	THROUGHOUT			MEDIUM						
BENT-5		23 FT 4 IN	REINFORCED CONCRETE	MULTIPLE COLUMN							





# Missouri Department of Transportation State Bridge Inspection Report

**September 24, 2019**  
**10:17:50AM**

**COUNTY: NEW MADRID**

**DISTRICT: SE**

**CLASS: STATBR**

**FED-ID: 6280**

BRIDGE: L0454

	<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		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>
COLUMN		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>
	SCALING	GROUND LINE		LIGHT		
FOOTING		REINFORCED CONCRETE	TIMBER PILE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FIXED BEARING		STEEL	CURVED PLATE(ROTATING)			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	PACK RUST	THROUGHOUT		MEDIUM		
ABUTMENT-6		26 FT 2 IN REINFORCED CONCRETE	NON-INTEGRAL			
	<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		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>
PILING		TIMBER	OTHER			
	<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>
	HIGH STEEL SPALLS	THROUGHOUT		FEW		
	SHOVING	THROUGHOUT		MODERATE		
FIXED BEARING		STEEL	CURVED PLATE(ROTATING)			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	RUSTING	THROUGHOUT		MEDIUM		

\*\*\*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>

**Design\_No = L0454**

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.

		<div>Missouri Department of Transportation</div> <div>State Bridge Inspection Report</div>				<div>September 24, 2019</div> <div>10:17:50AM</div>							
COUNTY: NEW MADRID		DISTRICT: SE		CLASS: STATBR		FED-ID: 6280		BRIDGE: L0454					
<div><div><div>CLEARANCES UNDER BRIDGE</div><div><div>RECORD #</div><div>ROUTE</div><div># LANES</div><div>DIRECTION OF TRAFFIC</div><div>RIGHT LATERAL CLEARANCE</div><div>LEFT LATERAL CLEARANCE</div><div>UR-ID</div></div></div><div><div>VERTICAL CLEARANCE TYPE**</div><div>VALUE</div><div>DIRECTION</div><div>DATE</div><div>COMMENT</div></div></div> <div>**NOTE: Vertical clearances for permitting purposes are taken as 2 inches less than the actual field measured clearance.</div>													
***STRUCTURE PAINT INFORMATION***													
CONDITION: POOR		RUST AMOUNT : 5=3.0% OF SURFACE RUSTED			STEEL TONS : 77								
<div>ORIGINAL PAINT</div> <div>PAINT TYPE : A SYSTEM</div> <div>NAME : RED LEAD</div> <div>PAINT COLOR : ALUMINUM</div> <div>PAINT YEAR : 1973</div> <div>MILS : 9</div>		<div>CONTRACT REPAINT</div> <div>PAINT TYPE :</div> <div>NAME :</div> <div>PAINT COLOR :</div> <div>PAINT YEAR :</div> <div>MILS :</div>			<div>DEPARTMENT REPAINT</div> <div>PAINT TYPE : S SYSTEM</div> <div>NAME : CAL SULPH/LEAD PAINT</div> <div>PAINT COLOR : GRAY</div> <div>PAINT YEAR : 2006</div> <div>MILS : 12</div> <div>MANUFACTURE :ARMOR SHIELD</div> <div>SURFACE PREP :HAND CLEANED</div>								
***REQUESTED WORK ITEMS***													
GENERAL WORK COMMENTS:													
<div>RESPONSIBILITY</div> <div>DISTRICT SPECIAL</div> <div>DISTRICT SPECIAL</div> <div>DISTRICT ROUTINE</div> <div>CONTRACT</div>		<div>LOCATION</div> <div>AT JOINTS</div> <div>ALL BRG'S</div> <div>SLOPE</div> <div>ENTIRE BRIDGE</div>		<div>ITEM</div> <div>REPAIR CONCRETE &gt; 50 SF</div> <div>CLEAN, PAINT, AND RESET</div> <div>CUT BRSH&amp;TREES SPAYVINES</div> <div>SHOTBLAST AND PAINT</div>		<div>CATEGORY</div> <div>DECK</div> <div>SUBSTRUCTURE</div> <div>SLOPE</div> <div>PAINT</div>		<div>PRIORITY</div> <div>3</div> <div>2</div> <div>3</div> <div>3</div>		<div>DATE</div> <div>10/21/2015</div> <div>11/17/2017</div> <div>11/17/2017</div> <div>11/17/2017</div>		<div>WORK ITEM COMMENT</div>	
***UTILITY ATTACHMENTS***													
<div>UTILITY</div>		<div>OWNER</div>		<div>METHOD</div>		<div>MEASUREMENT TYPE</div>		<div>VALUE</div>		<div>NUMBER</div>		<div>UTILITY ATTACHMENT COMMENT</div>	
***PROGRAM NOTES INFORMATION***													
<div>YEAR</div> <div>2022</div>		<div>PROJECT #</div> <div>J9S3560</div>		<div>MONTH LET</div> <div>1</div>		<div>YEAR LET</div> <div>2022</div>		<div>ITEMS</div> <div>REPLACE BRIDGE</div>		<div>COMMENT</div>			
Design_No = L0454													
<div>Page 8</div> <div>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.</div>													



			<b>Missouri Department of Transportation</b>		<b>September 24, 2019</b>	
			<b>State Bridge Inspection Report</b>		<b>10:17:50AM</b>	
<b>COUNTY: NEW MADRID</b>			<b>DISTRICT: SE</b>	<b>CLASS: STATBR</b>	<b>FED-ID: 6280</b>	<b>BRIDGE: L0454</b>
<b>***COMPUTER GENERATED RATINGS AND DEFICIENCY ITEMS***</b>				<b>***ADVANCED SIGN INFORMATION***</b>		
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.				<b>SIGN #</b>		
				<b>SIGN TYPE</b>		
				<b>PROBLEM</b>		
				<b>PROBLEM DIRECTION</b>		
<b><u>Rated Item</u></b>						
<b><u>Rating</u></b>						
<b><u>Rating Date</u></b>						
[Item 67] Structure Evaluation Rating: 4-MEETS MINIMUM TOLERABLE 5/18/2001						
[Item 68] Deck Geometry Rating: 3-BASICALLY INTOL CORRECT 2/8/2017						
[Item 69] Underclearance: N-NOT APPLICABLE 5/18/2001						
Sufficiency Rating: 36.7% 7/25/2019						
Deficiency: STRUCTURAL 3/25/2002						
Funding Eligibility: FULL ----						
Estimated New Structure Length: 276 FT. ----						
Estimated Structure Cost: \$960,314 ----						
Estimated Total Project Cost: \$1,440,471 ----						
Year of Cost Estimate: 2019 ----						
NOTE: The above structure length and cost estimates are computer generated using algorithms in the TMS system. These algorithms are generalized to use NB 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 siz and cost may vary significantly from these numbers once site specific engineering is done.						
				<b>***OUTFALL INSPECTION INFORMATION***</b>		
				<b># OUTFALLS:</b>		
				<b>INSPECTOR:</b>		
				<b>STATUS:</b>		
				<b>DATE:</b>		
				<b>NOTES:</b>		

