

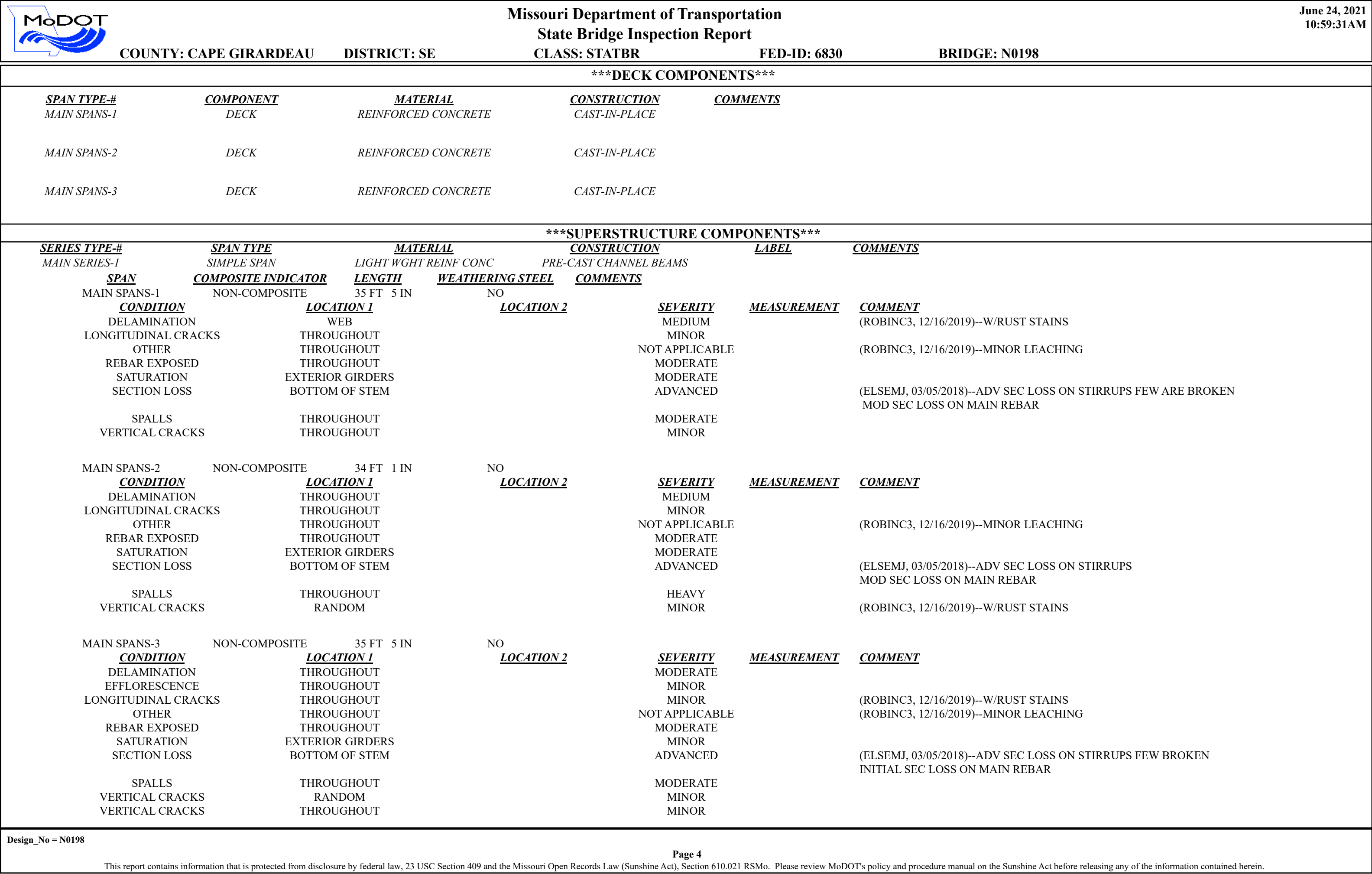
		<div>Missouri Department of Transportation</div> <div>State Bridge Inspection Report</div>				<div>June 24, 2021</div> <div>10:59:31AM</div>							
COUNTY: CAPE GIRARDEAU		DISTRICT: SE		CLASS: STATBR		FED-ID: 6830		BRIDGE: N0198					
GENERAL STRUCTURE INFORMATION							***BRIDGE INSPECTION INFORMATION***						
<div>ROUTE: RTYE</div> <div>FEATURE: LITTLE INDIAN CR</div> <div>STATUS: P-POSTLOAD</div> <div>LOG MILE: 6.055</div> <div>DETOUR: 16.00 MILES</div> <div>NHS: NO</div> <div>BUILT: 1956</div> <div>REHAB:</div> <div>LOCATION: S 24 T 32 R 13 E</div> <div>LATITUDE: 37 25 57.39 (DMS)</div> <div>LONGITUDE: 89 33 20.58 (DMS)</div>		<div># SPANS: 3</div> <div>LANES ON: 2</div> <div>LANES UNDER: 0</div> <div>COMPASS DIRECTION: SOUTH to NORTH</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: CAPE GIRARDEAU</div> <div>SUB AREA: 7H24</div>		<div>PLACE CODE: 60572 RANDOL</div> <div>LENGTH: 105 FT 0 IN</div> <div>MAXIMUM SPAN: 35 FT 5 IN</div> <div>APPROACH ROADWAY: 20 FT 0 IN</div> <div>CURB TO CURB: 20 FT 0 IN</div> <div>OUT TO OUT: 22 FT 2 IN</div> <div>AADT: 710</div> <div>AADT YEAR: 2020</div> <div>AADT TRUCK: 11.7%</div> <div>FUTURE AADT: 1101</div> <div>FUTURE AADT YEAR: 2040</div>		<div>DATE: 11/02/2020</div> <div>RESPONSIBILITY: DISTRICT</div> <div>FREQUENCY: 12</div> <div>CALCULATED INTERVAL**: 12</div> <div>TEAM LEADER: ED HESS</div> <div>ELEMENT: NO</div> <div>INSPECTOR 2:</div> <div>INSPECTOR 4:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>							
						GENERAL INSPECTION COMMENTS							
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>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>								
FRACTURE CRITICAL INSPECTION COMMENTS					INDEPTH INSPECTION COMMENTS								
SPECIAL INSPECTION INFORMATION					***UNDERWATER INSPECTION INFORMATION***								
<div>DATE: 03/12/2020</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: DISTRICT</div> <div>CALCULATED INTERVAL**: 70</div> <div>INSPECTOR 3:</div> <div>INSPECTOR 4:</div> <div>DATE: 11/02/2020</div> <div>FREQUENCY: 60</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>								
SPECIAL INSPECTION COMMENTS					UNDERWATER INSPECTION COMMENTS								
OTHER SPECIAL INSPECTIONS					OTHER UNDERWATER INSPECTIONS								
<u>DATE</u>	<u>FREQUENCY</u>	<u>CATEGORY</u>	<u>NBI</u>	<u>CALCULATED INTERVAL</u>	<u>RESPONSIBILITY</u>	<u>METHOD</u>	<u>DATE</u>	<u>FREQUENCY</u>	<u>CATEGORY</u>	<u>NBI</u>	<u>CALCULATED INTERVAL</u>	<u>RESPONSIBILITY</u>	<u>METHOD</u>
02/28/2018	999	QUALITY	NO		BRIDGEDIV								
05/09/2017	999	ASSURANCE											
		DAMAGE POST INCIDENT	NO		DISTRICT								
Design_No = N0198													
<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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STRUCTURE POSTING																																																							
APPROVED CATEGORY: S-7 TRUCKS OVER 19 TONS 15 MPH ON BRIDGE. Ton 1: 19 Ton 2: Ton 3: COMMENTS: (WILHOC1, 02/28/2012)--LOAD POSTING LETTER, 02/28/2012, MODOT																																																							
FIELD CATEGORY: S-7 TRUCKS OVER 19 TONS 15 MPH ON BRIDGE. Ton 1: 19 Ton 2: Ton 3: PROBLEM: PROBLEM DIRECTION: COMMENTS:																																																							
GENERAL COMMENTS/MAJOR RATED ITEMS																																																							
GENERAL COMMENTS: (BOWDEJ1, 09/10/2008)--(35'-34'-35') PRECAST CONC SLAB SPANS																																																							
[ITEM 58] DECK: 4-POOR CONDITION RATING : 11/25/2019			COMMENTS: (BLALOR1, 11/19/2013)--EDGE DETER, MINOR SAT (ROBINC3, 11/25/2019)--SPALLING, LEACHING																																																				
[ITEM 59] SUPER: 4-POOR CONDITION RATING : 03/05/2018			COMMENTS: (BLALOR1, 11/19/2013)--SPALSS, SATURATION, DELAMN (ELSEMJ, 03/05/2018)--SPALLS W/EXPOSED REBAR MOD SEC LOSS ON MAIN REBAR ADV SEC LOSS ON STIRRUPS.																																																				
[ITEM 60] SUB: 6-SATISFACTORY CONDITION RATING : 05/11/2017			COMMENTS: (DENNIB1, 05/11/2017)--PILE PK RUST, SCALING, SCOUR																																																				
[ITEM 61] BANK/CHANNEL: 5-MAJOR DAMAGE RATING : 07/15/2010			COMMENTS: (BLALOR1, 12/03/2013)--MAJOR DAMAGE TO BANK PROTECTION SOUTH END																																																				
[ITEM 113] SCOUR: 5-FOUNDATION STABLE RATING : 03/05/2018 EVALUATION TYPE :			COMMENTS: (ELSEMJ, 03/05/2018)--SLOPE PRO IS BEING ERODED AWAY SOUTH END																																																				
[ITEM 71] WATERWAY ADEQUACY: DECK ABOVE FLOOD ELEV RATING : 05/18/2001			COMMENTS:																																																				
[ITEM 72] APPRRDWY ALIGNMENT: 7-GOOD RATING : 05/18/2001			COMMENTS:																																																				
RAILING AND APPROACH PAVEMENT COMPONENTS AND RATINGS																																																							
<div>[ITEM 36A] BRIDGE RAILING RATING: DOESNT MEET CURRNT STND-0RATING : 02/09/2004COMMENTS:</div> <table><tr><td><u>MATERIAL</u></td><td><u>CONSTRUCTION</u></td><td><u>DIRECTION</u></td><td><u>COMMENTS</u></td><td></td><td></td><td></td></tr><tr><td>REINFORCED CONCRETE</td><td>CURB</td><td>BOTH</td><td></td><td></td><td></td><td></td></tr><tr><td><u>CONDITION</u></td><td></td><td><u>LOCATION 1</u></td><td><u>LOCATION 2</u></td><td><u>SEVERITY</u></td><td><u>COMMENT</u></td><td></td></tr><tr><td>LONGITUDINAL CRACKS</td><td></td><td>THROUGHOUT</td><td></td><td>MINOR</td><td></td><td></td></tr><tr><td>SPALLS</td><td></td><td>THROUGHOUT</td><td></td><td>MINOR</td><td>(ROBINC3, 11/21/2017)--W/EXPOSED REBAR</td><td></td></tr><tr><td>VERTICAL CRACKS</td><td></td><td>THROUGHOUT</td><td></td><td>MINOR</td><td></td><td></td></tr><tr><td>GALVANIZED STEEL</td><td>W-BEAM</td><td>BOTH</td><td></td><td></td><td></td><td></td></tr></table>							<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>				REINFORCED CONCRETE	CURB	BOTH					<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>		LONGITUDINAL CRACKS		THROUGHOUT		MINOR			SPALLS		THROUGHOUT		MINOR	(ROBINC3, 11/21/2017)--W/EXPOSED REBAR		VERTICAL CRACKS		THROUGHOUT		MINOR			GALVANIZED STEEL	W-BEAM	BOTH				
<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>																																																				
REINFORCED CONCRETE	CURB	BOTH																																																					
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LONGITUDINAL CRACKS		THROUGHOUT		MINOR																																																			
SPALLS		THROUGHOUT		MINOR	(ROBINC3, 11/21/2017)--W/EXPOSED REBAR																																																		
VERTICAL CRACKS		THROUGHOUT		MINOR																																																			
GALVANIZED STEEL	W-BEAM	BOTH																																																					
<div>[ITEM 36B] TRANSITION RAILING RATING: NOT PROVIDED-0RATING : 05/18/2001COMMENTS:</div>																																																							
<div>[ITEM 36C] APPROACH RAILING RATING: NOT PROVIDED-0RATING : 05/18/2001COMMENTS:</div>																																																							
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Page 2																																																							
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COUNTY: CAPE GIRARDEAU		DISTRICT: SE		CLASS: STATBR		FED-ID: 6830	
				BRIDGE: N0198			
[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		GOOD	
<u>COMMENTS</u> (ROBINC3, 11/25/2019)--REFLECTIVE CRACKS							
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 SEAL COAT	
						<u>THICKNESS</u>	
						1.5 IN	
						<u>YEAR APPLIED</u>	
						<u>MANUFACTURE</u>	
						<u>OVERALL CONDITION</u>	
						FAIR	
<u>COMMENT:</u>							
		DECK PROTECTION		NOTAPPLICABLE		NONE	
<u>COMMENT:</u>							
		MEMBRANE		LIQUID SEALANT		BUILT-UP	
<u>COMMENT:</u>							
<u>DRAINAGE COMPONENTS:</u>							
		<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>	
		DRAINAGE		REINFORCED CONCRETE		CURB OUTLET	
						<u>DIRECTION</u>	
						<u>COMMENTS</u>	
<u>EXPANSION DEVICE COMPONENTS:</u>							
<u>SUB UNIT-#</u>		<u>SUB LABEL</u>		<u>COMPONENT</u>		<u>MATERIAL</u>	
ABUTMENT-1				CLOSED EXPANSION JOINT		FELT	
						<u>CONSTRUCTION</u>	
						FILLED JOINT	
						<u>GAP</u>	
						<u>YEAR APPLIED</u>	
						<u>MANUFACTURE</u>	
						<u>OVERALL CONDITION</u>	
<u>COMMENT:</u>							
		<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>	
		DETERIORATION		THROUGHOUT		SEVERITY	
		LEAKING		THROUGHOUT		MEDIUM	
						MINOR	
BENT-2				CLOSED EXPANSION JOINT		FELT	
						FILLED JOINT	
<u>COMMENT:</u>							
BENT-3				CLOSED EXPANSION JOINT		FELT	
						FILLED JOINT	
<u>COMMENT:</u>							
ABUTMENT-4				CLOSED EXPANSION JOINT		FELT	
						FILLED JOINT	
<u>COMMENT:</u>							
<u>BANK/SLOPE PROTECTION COMPONENTS:</u>							
		<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>	
		BANK PROTECTION		ROCK		GROUTED	
						<u>DIRECTION</u>	
						BOTH	
						<u>COMMENTS</u>	
						(POPAM1, 06/25/2012)--BREAKING-UP	
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	
UNDERMINING		THROUGHOUT				MODERATE	
						<u>COMMENT</u>	
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MoDOT

COUNTY: CAPE GIRARDEAU

DISTRICT: SE

CLASS: STATBR

FED-ID: 6830

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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-28 DEGREES	27 FT 9 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>
	DELAMINATION	RANDOM			MINOR	
	HORIZONTAL CRACKS	RANDOM			MINOR	
	MAP CRACKS	RANDOM			FEW	
PILING		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>
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>
EXPANSION BEARING		TARPAPER		SLIDING LAYERS		
	<u>CONDITION</u>	<u>LOCATION 1</u>		<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
BENT-2	RA-28 DEGREES	27 FT 0 IN	REINFORCED CONCRETE	PILE CAP		
	<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>
	HORIZONTAL CRACKS	RANDOM			FEW	
	SCALING	ENDS			MINOR	
	VERTICAL CRACKS	RANDOM			MINOR	
PILING		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>
	MINOR SCOUR	WATERLINE			PILE EXPOSED	(CROCKC1, 11/29/2018)--2' - 3' DEPTH @ WEST
	PACK RUST	GROUND LINE			MODERATE	
	SECTION LOSS	GROUND LINE			MODERATE	(ROBINC3, 12/16/2019)--1ST, 2ND, 3RD, 4TH FROM WEST
	SECTION LOSS	TOP			MINOR	(ROBINC3, 12/16/2019)--& RUST STAINS
EXPANSION BEARING		TARPAPER		SLIDING LAYERS		
	<u>CONDITION</u>	<u>LOCATION 1</u>		<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
BENT-3	RA-28 DEGREES	27 FT 0 IN	REINFORCED CONCRETE	PILE CAP		
	<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>
	SCALING	ENDS			MINOR	
	VERTICAL CRACKS	RANDOM			MINOR	
PILING		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>
	PACK RUST	GROUND LINE			MODERATE	
	SECTION LOSS	GROUND LINE			MINOR	
	SECTION LOSS	TOP			MINOR	(ROBINC3, 12/16/2019)--W/RUST STAINS
EXPANSION BEARING		TARPAPER		SLIDING LAYERS		
	<u>CONDITION</u>	<u>LOCATION 1</u>		<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>

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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.																																																																																																																																							

		Missouri Department of Transportation				June 24, 2021	
		State Bridge Inspection Report				10:59:31AM	
COUNTY: CAPE GIRARDEAU		DISTRICT: SE		CLASS: STATBR		FED-ID: 6830	
						BRIDGE: N0198	
CONDITION: POOR		RUST AMOUNT : 6=1.0% OF SURFACE RUSTED		STEEL TONS : 4			
<u>ORIGINAL PAINT</u>		<u>CONTRACT REPAINT</u>		<u>DEPARTMENT REPAINT</u>			
PAINT TYPE :		PAINT TYPE :		PAINT TYPE : C SYSTEM		MANUFACTURE :	
NAME :		NAME :		NAME : INORGANIC ZINC/VINYL		SURFACE PREP :	
PAINT COLOR :		PAINT COLOR :		PAINT COLOR : ALUMINUM			
PAINT YEAR :		PAINT YEAR :		PAINT YEAR : 1992			
MILS :		MILS :		MILS : 7			
REQUESTED WORK ITEMS							
GENERAL WORK COMMENTS:							
<i>RESPONSIBILITY</i>		<i>LOCATION</i>		<i>ITEM</i>		<i>CATEGORY</i>	
DISTRICT SPECIAL		STEEL PILING		CLEAN AND PAINT		SUBSTRUCTURE	
DISTRICT ROUTINE		BENT		PLACE RIP-RAP		CHANNEL	
UTILITY ATTACHMENTS							
<i>UTILITY</i>		<i>OWNER</i>		<i>METHOD</i>		<i>MEASUREMENT TYPE</i>	
PROGRAM NOTES INFORMATION							
<u>YEAR</u>		<u>PROJECT #</u>		<u>MONTH LET</u>		<u>YEAR LET</u>	
2024		J9S3589		1		2024	
				<u>ITEMS</u>		<u>COMMENT</u>	
				REPLACE SUPERSTRUCTURE			
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.				***ADVANCED SIGN INFORMATION***			
<u>Rated Item</u>				<u>Rating</u>			
[Item 67] Structure Evaluation Rating:				4-MEETS MINIMUM TOLERABLE			
[Item 68] Deck Geometry Rating:				3-BASICALLY INTOL CORRECT			
[Item 69] Underclearance:				N-NOT APPLICABLE			
Sufficiency Rating:				28.7%			
Deficiency:				STRUCTURAL			
Funding Eligibility:				FULL			
Estimated New Structure Length:				135 FT.			
Estimated Structure Cost:				\$469,719			
Estimated Total Project Cost:				\$704,578			
Year of Cost Estimate:				2021			
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.							
				SIGN #			
				1			
				SIGN TYPE			
				PROBLEM			
				PROBLEM DIRECTION			
OUTFALL INSPECTION INFORMATION							
# OUTFALLS:				INSPECTOR:			
STATUS:				DATE:			
NOTES:							

