
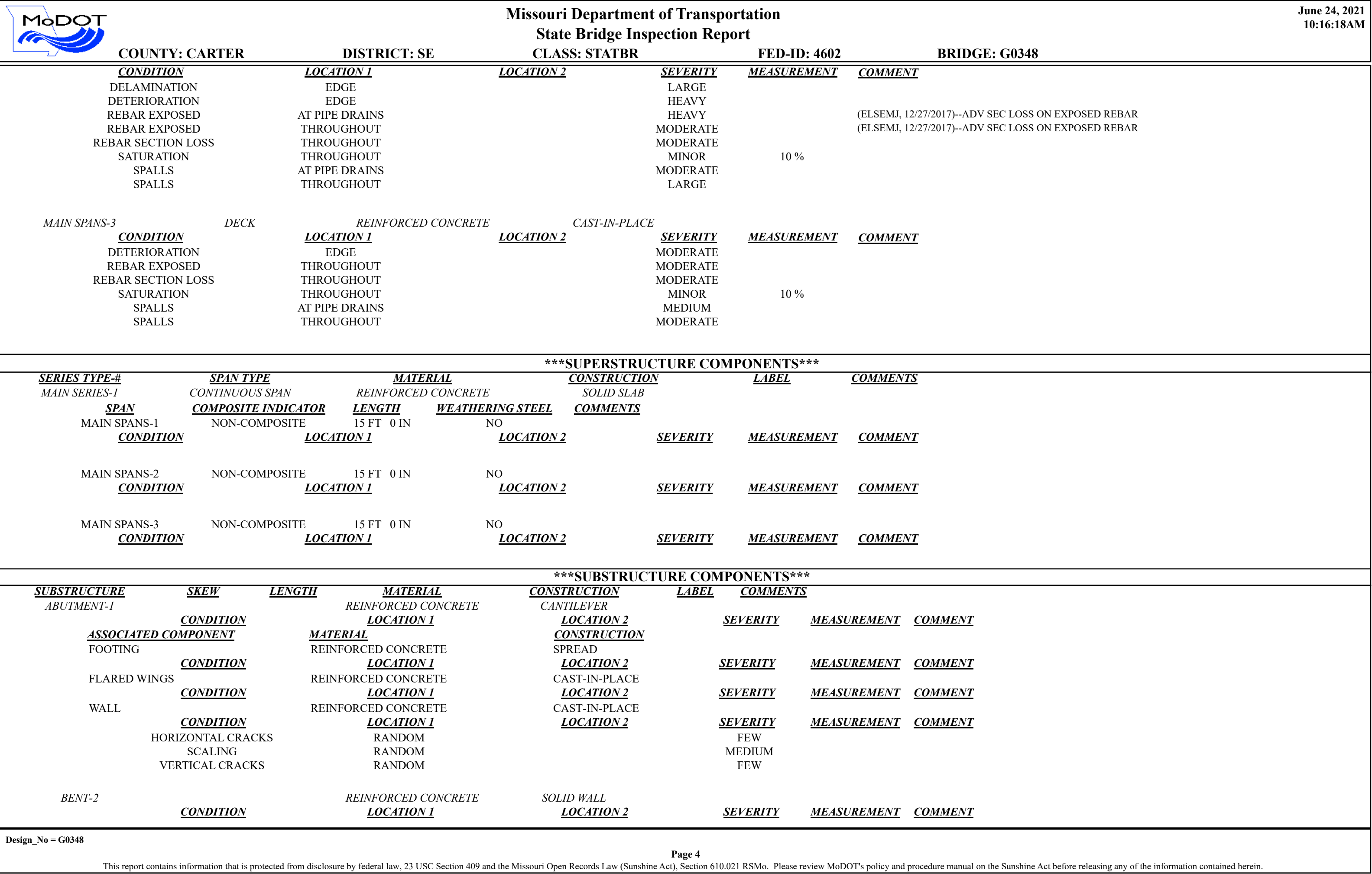
		Missouri Department of Transportation			June 24, 2021	
		State Bridge Inspection Report			10:16:18AM	
COUNTY: CARTER		DISTRICT: SE	CLASS: STATBR	FED-ID: 4602	BRIDGE: G0348	
***STRUCTURE POSTING***						
APPROVED CATEGORY: S-1		NO POSTING REQUIRED				
Ton 1:		Ton 2:		Ton 3:		
COMMENTS:						
FIELD CATEGORY: S-1		NO POSTING REQUIRED				
Ton 1:		Ton 2:		Ton 3:	PROBLEM:	PROBLEM DIRECTION:
COMMENTS:						
***GENERAL COMMENTS/MAJOR RATED ITEMS***						
GENERAL COMMENTS: (BOWDEJ1, 08/28/2008)--(15'-15'-15') CONC SOLID SLAB SPANS						
[ITEM 58] DECK: 4-POOR CONDITION			COMMENTS: (DENNIB1, 12/05/2013)--SPALLS & EXPOSED REBAR			
RATING : 12/27/2017			(ELSEMJ, 12/27/2017)--CONSIDERABLE SPALLING & EXPOSED REBAR ON BOTTOM OF DECK			
[ITEM 59] SUPER: 4-POOR CONDITION			COMMENTS: (DENNIB1, 12/05/2013)--SAME AS DECK			
RATING : 12/27/2017						
[ITEM 60] SUB: 5-FAIR CONDITION			COMMENTS: (DENNIB1, 12/05/2013)--VERTICLE CRACKS			
RATING : 05/18/2001						
[ITEM 61] BANK/CHANNEL: 6-WIDESPREAD MINOR DAMAGE			COMMENTS:			
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: 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 : 01/16/2008		COMMENTS:				
<u>MATERIAL</u>		<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>		
REINFORCED CONCRETE		BALUSTER	BOTH			
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>	
COLLISION DAMAGE		ROADWAY FACE		MODERATE		
REINFORCED CONCRETE		CURB	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:	
Design_No = G0348						
Page 2						
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						BRIDGE: G0348	
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			
***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>	
				5 IN		2011	
<u>COMMENT:</u>							
		<u>DECK PROTECTION</u>		<u>NOTAPPLICABLE</u>		<u>NONE</u>	
<u>COMMENT:</u>							
		<u>MEMBRANE</u>		<u>LIQUID SEALANT</u>		<u>BUILT-UP</u>	
<u>COMMENT:</u>							
<u>DRAINAGE COMPONENTS:</u>							
		<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>	
		DRAINAGE		STEEL		MODOT PIPE DRAIN	
				<u>DIRECTION</u>		<u>COMMENTS</u>	
						(REHAGM, 11/28/2005)--PLUGGED	
<u>EXPANSION DEVICE COMPONENTS:</u>							
<u>SUB UNIT-#</u>		<u>SUB LABEL</u>		<u>COMPONENT</u>		<u>MATERIAL</u>	
BENT-2				CLOSED EXPANSION JOINT		FELT	
						<u>CONSTRUCTION</u>	
						FILLED JOINT	
<u>COMMENT:</u>							
		<u>BENT-3</u>		<u>CLOSED EXPANSION JOINT</u>		<u>FELT</u>	
<u>COMMENT:</u>						<u>FILLED JOINT</u>	
<u>BANK/SLOPE PROTECTION COMPONENTS:</u>							
		<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>	
		BANK PROTECTION		EARTH FILL		NOT APPLICABLE	
				<u>DIRECTION</u>		<u>COMMENTS</u>	
				BOTH			
***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>COMMENTS</u>	
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	
DELAMINATION		THROUGHOUT				MODERATE	
DETERIORATION		EDGE				HEAVY	
REBAR EXPOSED		THROUGHOUT				MODERATE	
SATURATION		THROUGHOUT				MINOR	
SECTION LOSS		THROUGHOUT				MODERATE	
SPALLS		AT PIPE DRAINS				HEAVY	
SPALLS		THROUGHOUT				LARGE	
MAIN SPANS-2		DECK		REINFORCED CONCRETE		CAST-IN-PLACE	
Design_No = G0348							
Page 3							
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# Missouri Department of Transportation

## State Bridge Inspection Report

**June 24, 2021**  
**10:16:18AM**

**COUNTY: CARTER**

**DISTRICT: SE**

**CLASS: STATBR**

**FED-ID: 4602**

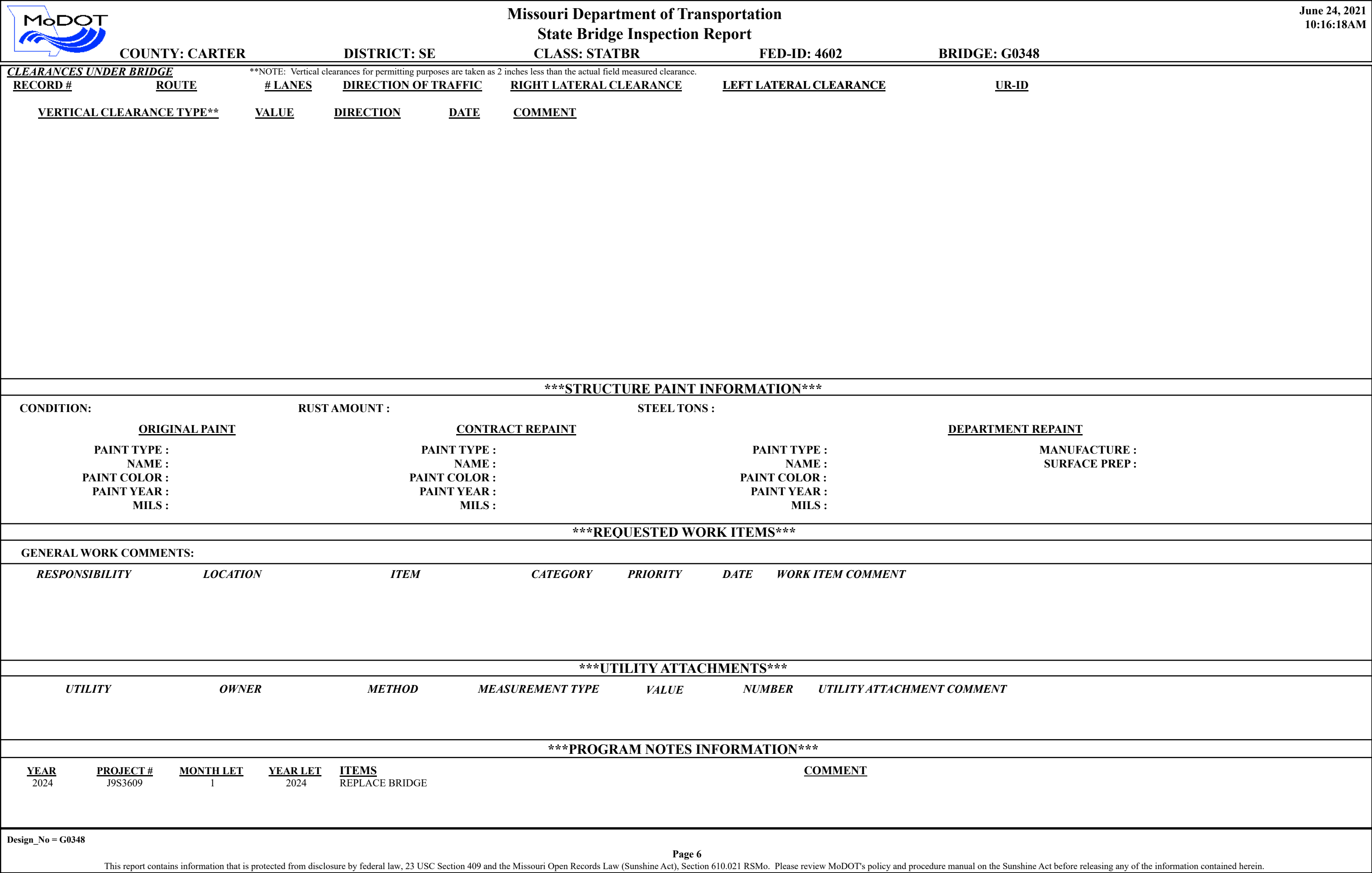
## BRIDGE: G0348


<u>ASSOCIATED COMPONENT</u>		<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
FOOTING		REINFORCED CONCRETE	SPREAD			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
WALL		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	THROUGHOUT		MODERATE		
	HORIZONTAL CRACKS	THROUGHOUT		FEW		
	SCALING	THROUGHOUT		HEAVY		
	VERTICAL CRACKS	THROUGHOUT		FEW		(REHAGM, 11/28/2005)--FULL HEIGHT OF PIER
<i>BENT-3</i>		<i>REINFORCED CONCRETE</i>	<i>SOLID WALL</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>			
FOOTING		REINFORCED CONCRETE	SPREAD			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
WALL		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	THROUGHOUT		MODERATE		
	HORIZONTAL CRACKS	THROUGHOUT		FEW		
	SCALING	THROUGHOUT		HEAVY		
	VERTICAL CRACKS	THROUGHOUT		FEW		(REHAGM, 11/28/2005)--FULL HEIGHT OF PIER
<i>ABUTMENT-4</i>		<i>REINFORCED CONCRETE</i>	<i>CANTILEVER</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>			
FOOTING		REINFORCED CONCRETE	SPREAD			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FLARED 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>
WALL		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	RANDOM		MEDIUM		
	VERTICAL CRACKS	RANDOM		FEW		

\*\*\*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.



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<b>COUNTY: CARTER</b>			<b>DISTRICT: SE</b>			<b>CLASS: STATBR</b>					
			<b>FED-ID: 4602</b>			<b>BRIDGE: G0348</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 1/12/2018											
[Item 68] Deck Geometry Rating: 2-BASICALLY INTOLRBLE REQ 5/18/2001											
[Item 69] Underclearance: N-NOT APPLICABLE 5/18/2001											
Sufficiency Rating: 39.0% 7/28/2020											
Deficiency: STRUCTURAL 1/12/2018											
Funding Eligibility: FULL ----						<b>***OUTFALL INSPECTION INFORMATION***</b>					
Estimated New Structure Length: 75 FT. ----											
Estimated Structure Cost: \$260,955 ----											
Estimated Total Project Cost: \$391,432 ----											
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.						<b># OUTFALLS:</b>					
						<b>INSPECTOR:</b>					
						<b>STATUS:</b>					
						<b>DATE:</b>					
						<b>NOTES:</b>					

