

		<b>Missouri Department of Transportation</b>				<b>June 24, 2021</b>	
		<b>State Bridge Inspection Report</b>				<b>11:02:17AM</b>	
<b>COUNTY: STODDARD</b>		<b>DISTRICT: SE</b>		<b>CLASS: STATBR</b>		<b>FED-ID: 5637</b>	
				<b>BRIDGE: K0032</b>			
<b>***GENERAL STRUCTURE INFORMATION***</b>						<b>***BRIDGE INSPECTION INFORMATION***</b>	
<b>ROUTE: MO114E</b> <b>FEATURE: UP RR</b> <b>STATUS: A-OPEN</b> <b>LOG MILE: 0.110</b> <b>DETOUR: 13.00 MILES</b> <b>NHS: NO</b> <b>BUILT: 1934</b> <b>REHAB:</b> <b>LOCATION: S 23 T 23 R 10 E</b> <b>LATITUDE: 36 47 21.05 (DMS)</b> <b>LONGITUDE: 89 56 55.94 (DMS)</b>		<b># SPANS: 3</b> <b>LANES ON: 2</b> <b>LANES UNDER: 0</b> <b>COMPASS DIRECTION: WEST to EAST</b> <b>DIRECTION OF TRAFFIC: 2-WAY TRAF</b> <b>FUNCTIONAL CLASS: UR-MINOR ARTERIAL</b> <b>NBI OWNER: MODOT</b> <b>NBI MAINTAINED: MODOT</b> <b>MAINTENANCE DISTRICT: SE</b> <b>MAINTENANCE COUNTY: STODDARD</b> <b>SUB AREA: 7H11</b>		<b>PLACE CODE: 19396 DEXTER CITY</b> <b>LENGTH: 140 FT 0 IN</b> <b>MAXIMUM SPAN: 46 FT 6 IN</b> <b>APPROACH ROADWAY: 40 FT 0 IN</b> <b>CURB TO CURB: 30 FT 0 IN</b> <b>OUT TO OUT: 33 FT 0 IN</b> <b>AADT: 2520</b> <b>AADT YEAR: 2020</b> <b>AADT TRUCK: 14.1%</b> <b>FUTURE AADT: 4284</b> <b>FUTURE AADT YEAR: 2040</b>		<b>DATE: 10/21/2019</b> <b>RESPONSIBILITY: DISTRICT</b> <b>FREQUENCY: 24</b> <b>CALCULATED INTERVAL**: 24</b> <b>TEAM LEADER: CODY SLAYTON</b> <b>ELEMENT: NO</b> <b>INSPECTOR 2: JERROD JERNIGAN</b> <b>INSPECTOR 4:</b> <b>INSPECTOR 3:</b> <b>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</b>	
						<b>GENERAL INSPECTION COMMENTS</b>	
<b>***FRACTURE CRITICAL INSPECTION INFORMATION***</b>				<b>***INDEPTH INSPECTION INFORMATION***</b>			
<b>DATE:</b> <b>FREQUENCY:</b> <b>TEAM LEADER:</b> <b>INSPECTOR 2:</b>  <b>RESPONSIBILITY:</b> <b>CALCULATED INTERVAL**:</b> <b>INSPECTOR 3:</b> <b>INSPECTOR 4:</b>  <b>CATEGORY:</b> <b>NBI:</b> <b>METHOD:</b>  <b>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</b>				<b>DATE:</b> <b>FREQUENCY:</b> <b>TEAM LEADER:</b> <b>INSPECTOR 2:</b>  <b>RESPONSIBILITY:</b> <b>CALCULATED INTERVAL**:</b> <b>INSPECTOR 3:</b> <b>INSPECTOR 4:</b>  <b>CATEGORY:</b> <b>NBI:</b> <b>METHOD:</b>  <b>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</b>			
<b>FRACTURE CRITICAL INSPECTION COMMENTS</b>				<b>INDEPTH INSPECTION COMMENTS</b>			
<b>***SPECIAL INSPECTION INFORMATION***</b>				<b>***UNDERWATER INSPECTION INFORMATION***</b>			
<b>DATE:</b> <b>FREQUENCY:</b> <b>TEAM LEADER:</b> <b>INSPECTOR 2:</b>  <b>RESPONSIBILITY:</b> <b>CALCULATED INTERVAL**:</b> <b>INSPECTOR 3:</b> <b>INSPECTOR 4:</b>  <b>CATEGORY:</b> <b>NBI:</b> <b>METHOD:</b>  <b>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</b>				<b>DATE:</b> <b>FREQUENCY:</b> <b>TEAM LEADER:</b> <b>INSPECTOR 2:</b>  <b>RESPONSIBILITY:</b> <b>CALCULATED INTERVAL**:</b> <b>INSPECTOR 3:</b> <b>INSPECTOR 4:</b>  <b>CATEGORY:</b> <b>NBI:</b> <b>METHOD:</b>  <b>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</b>			
<b>SPECIAL INSPECTION COMMENTS</b>				<b>UNDERWATER INSPECTION COMMENTS</b>			
<b>OTHER SPECIAL INSPECTIONS</b>				<b>OTHER UNDERWATER INSPECTIONS</b>			
<b><u>DATE</u></b> <b><u>FREQUENCY</u></b> <b><u>CATEGORY</u></b> <b><u>NBI</u></b> <b><u>CALCULATED INTERVAL</u></b> <b><u>RESPONSIBILITY</u></b> <b><u>METHOD</u></b>				<b><u>DATE</u></b> <b><u>FREQUENCY</u></b> <b><u>CATEGORY</u></b> <b><u>NBI</u></b> <b><u>CALCULATED INTERVAL</u></b> <b><u>RESPONSIBILITY</u></b> <b><u>METHOD</u></b>			

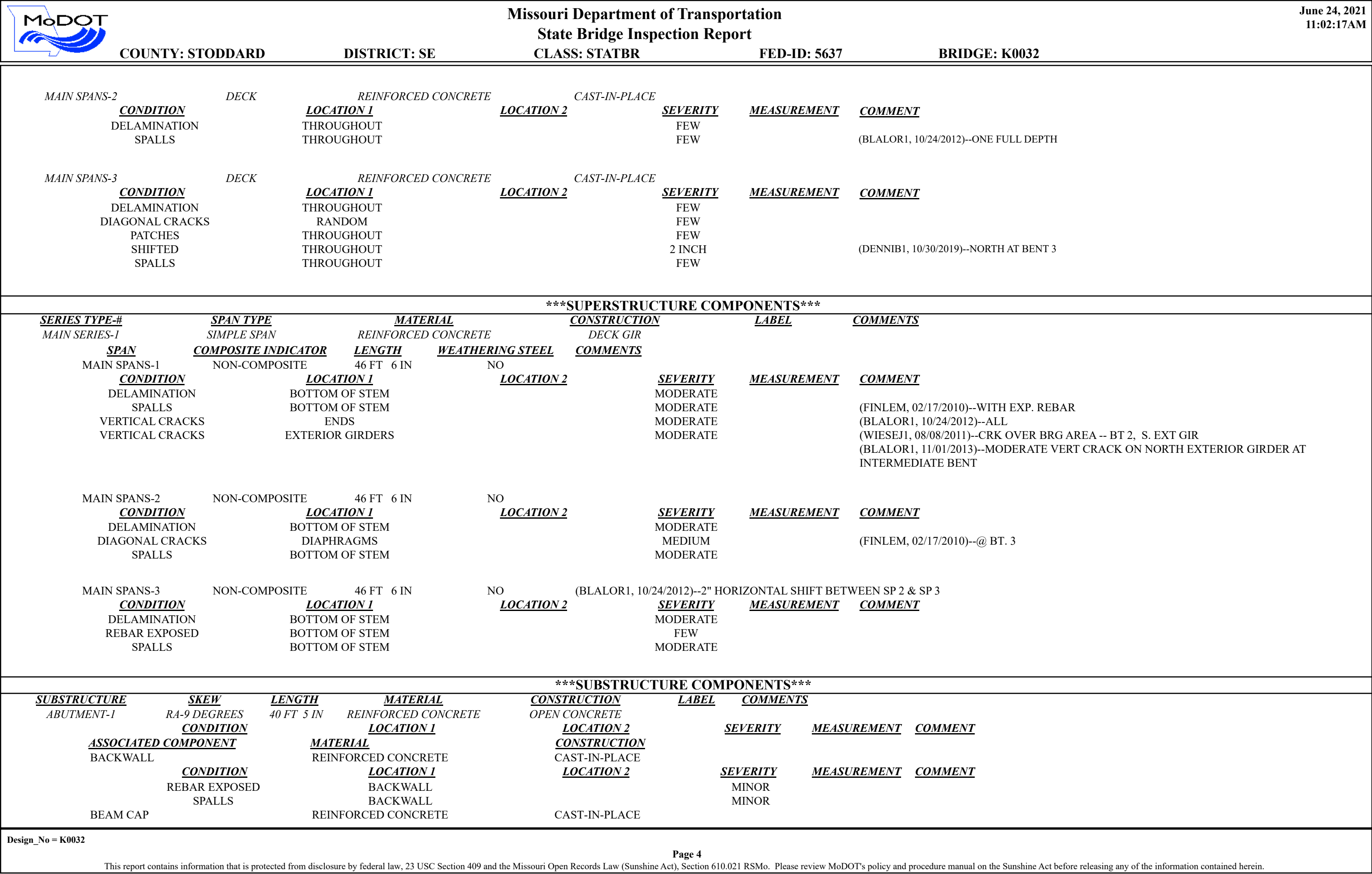
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		State Bridge Inspection Report			11:02:17AM	
COUNTY: STODDARD		DISTRICT: SE	CLASS: STATBR	FED-ID: 5637	BRIDGE: K0032	
***STRUCTURE POSTING***						
APPROVED CATEGORY: S-1		NO POSTING REQUIRED				
Ton 1:		Ton 2:		Ton 3:		
COMMENTS:						
FIELD CATEGORY: S-1		NO POSTING REQUIRED				
Ton 1:		Ton 2:		Ton 3:	PROBLEM:	PROBLEM DIRECTION:
COMMENTS:						
***GENERAL COMMENTS/MAJOR RATED ITEMS***						
GENERAL COMMENTS: (BOWDEJ1, 09/12/2008)--(46'-46'-46') SMP DECK GDR SPANS						
[ITEM 58] DECK: 5-FAIR CONDITION			COMMENTS: (BLALOR1, 10/30/2013)--SPALLS, DELAMS			
RATING : 10/25/2017						
[ITEM 59] SUPER: 5-FAIR CONDITION			COMMENTS: (BLALOR1, 10/30/2013)--OPEN CRACKING OF CIP DECK GIRDER, SPALLS			
RATING : 10/24/2012						
[ITEM 60] SUB: 5-FAIR CONDITION			COMMENTS: (DENNIB1, 10/25/2017)--CRACKING & SPALLS W/ EXPOSED REBAR			
RATING : 10/25/2017						
[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: 3-INTOLERABLE			COMMENTS:			
RATING : 05/18/2001						
***RAILING AND APPROACH PAVEMENT COMPONENTS AND RATINGS***						
[ITEM 36A] BRIDGE RAILING RATING: DOESNT MEET CURRNT STND-0						
RATING : 10/26/2015		COMMENTS:				
<u>MATERIAL</u>		<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>		
REINFORCED CONCRETE		CURB	BOTH			
REINFORCED CONCRETE		BALUSTER	BOTH			
[ITEM 36B] TRANSITION RAILING RATING: MEETS CURRENT STANDARDS-1						
RATING : 10/30/2013		COMMENTS:				
<u>MATERIAL</u>		<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>		
GALVANIZED STEEL		THRIE BEAM TO W-BEAM	ALL			
[ITEM 36C] APPROACH RAILING RATING: MEETS CURRENT STANDARDS-1						
RATING : 10/30/2013		COMMENTS:				
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				BRIDGE: K0032			
<u>MATERIAL</u>		<u>CONSTRUCTION</u>		<u>DIRECTION</u>		<u>COMMENTS</u>	
GALVANIZED STEEL		W-BEAM		BOTH-WEST			
OTHER		OTHER		BOTH-EAST		(DANIEC, 07/17/2003)--WOOD POSTS WITH OLD FLAT STEEL GUARDRAIL (CONTINUOUS).	
[ITEM 36D] RAIL END TREATMENT RATING: MEETS CURRENT STANDARDS-1				RATING : 08/12/2015		COMMENTS:	
<u>MATERIAL</u>		<u>CONSTRUCTION</u>		<u>DIRECTION</u>		<u>COMMENTS</u>	
GALVANIZED STEEL		BULL-NOSE		BOTH-WEST			
GALVANIZED STEEL		BREKAWAY SYSTEM		EAST			
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>	
REINFORCED CONCRETE		SLAB		BOTH		<u>COMMENTS</u>	
***DRAINAGE, EXPANSION DEVICES, BANK/SLOPE, AND DECK PROTECTIVE COMPONENTS***							
DECK PROTECTIVE COMPONENTS:							
<u>SERIES TYPE-#</u>		<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>	
MAIN SERIES-1		WEARING SURFACE		ASPHALT		BITUMINOUS MAT	
						<u>THICKNESS</u>	
						1.5 IN	
						<u>YEAR APPLIED</u>	
						2015	
						<u>MANUFACTURE</u>	
<u>COMMENT:</u>						<u>OVERALL CONDITION</u>	
						GOOD	
		DECK PROTECTION		NOTAPPLICABLE		NONE	
<u>COMMENT:</u>							
		MEMBRANE		NOTAPPLICABLE		NONE	
<u>COMMENT:</u>							
DRAINAGE COMPONENTS:							
		<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>	
						<u>DIRECTION</u>	
						<u>COMMENTS</u>	
EXPANSION DEVICE COMPONENTS:							
<u>SUB UNIT-#</u>		<u>SUB LABEL</u>		<u>COMPONENT</u>		<u>MATERIAL</u>	
						<u>CONSTRUCTION</u>	
						<u>GAP</u>	
						<u>YEAR APPLIED</u>	
						<u>MANUFACTURE</u>	
						<u>OVERALL CONDITION</u>	
<u>COMMENT:</u>							
BANK/SLOPE PROTECTION COMPONENTS:							
		<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>COMMENTS</u>	
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	
DELAMINATION		THROUGHOUT				FEW	
DIAGONAL CRACKS		THROUGHOUT				MINOR	
EFFLORESCENCE		THROUGHOUT				MINOR	
SPALLS		THROUGHOUT				FEW	
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June 24, 2021  
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**COUNTY: STODDARD**


DISTRICT: SE

**CLASS: STATBR**


FED-ID: 5637

BRIDGE: K0032

	COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE			
	FOOTING		REINFORCED CONCRETE	TIMBER PILE			
	STRAIGHT WINGS		REINFORCED CONCRETE	CAST-IN-PLACE			
	FIXED BEARING		BRONZE	FLAT PLATE			
BENT-2	RA-9 DEGREES	31 FT 7 IN	REINFORCED CONCRETE	MULTIPLE COLUMN			
	ASSOCIATED COMPONENT		MATERIAL	CONSTRUCTION			
	BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE			
	COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE			
	FOOTING		REINFORCED CONCRETE	TIMBER PILE			
	TIE BEAM		REINFORCED CONCRETE	CAST-IN-PLACE			
	FIXED BEARING		BRONZE	FLAT PLATE			
	SEISMIC FEATURE		STEEL	RESTRAINERS			
BENT-3	RA-9 DEGREES	31 FT 7 IN	REINFORCED CONCRETE	MULTIPLE COLUMN			
	ASSOCIATED COMPONENT		MATERIAL	CONSTRUCTION			
	BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE			
	COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE			
	FOOTING		REINFORCED CONCRETE	TIMBER PILE			
	TIE BEAM		REINFORCED CONCRETE	CAST-IN-PLACE			
	FIXED BEARING		BRONZE	FLAT PLATE			
	SEISMIC FEATURE		STEEL	RESTRAINERS			

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		Missouri Department of Transportation				June 24, 2021	
		State Bridge Inspection Report				11:02:17AM	
COUNTY: STODDARD		DISTRICT: SE		CLASS: STATBR		FED-ID: 5637	
						BRIDGE: K0032	
***STRUCTURE PAINT INFORMATION***							
CONDITION:		RUST AMOUNT :		STEEL TONS : 0			
<u>ORIGINAL PAINT</u>		<u>CONTRACT REPAINT</u>		<u>DEPARTMENT REPAINT</u>			
PAINT TYPE :		PAINT TYPE :		PAINT TYPE :		MANUFACTURE :	
NAME :		NAME :		NAME :		SURFACE PREP :	
PAINT COLOR :		PAINT COLOR :		PAINT COLOR :			
PAINT YEAR :		PAINT YEAR :		PAINT YEAR :			
MILS :		MILS :		MILS :			
***REQUESTED WORK ITEMS***							
GENERAL WORK COMMENTS:							
<i>RESPONSIBILITY</i>	<i>LOCATION</i>	<i>ITEM</i>	<i>CATEGORY</i>	<i>PRIORITY</i>	<i>DATE</i>	<i>WORK ITEM COMMENT</i>	
REGIONAL	SEE COMMENT	REPAIR GIRDER ENDS	SUPERSTRUCTURE	2	10/23/2013	(FINLEM, 02/04/2010)--SPAN 1, BT. 2, N & S GDRS.	
REGIONAL	BENT-CAPS	REPAIR BEAM CAP ENDS	SUBSTRUCTURE	3	10/23/2013	(FINLEM, 02/04/2010)--BT. 2	
DISTRICT ROUTINE	ROADWAY SURFACE	SEAL JTS - RODS/HOT POUR	DECK	2	10/23/2017		
***UTILITY ATTACHMENTS***							
<i>UTILITY</i>	<i>OWNER</i>	<i>METHOD</i>	<i>MEASUREMENT TYPE</i>	<i>VALUE</i>	<i>NUMBER</i>	<i>UTILITY ATTACHMENT COMMENT</i>	
***PROGRAM NOTES INFORMATION***							
<u>YEAR</u>	<u>PROJECT #</u>	<u>MONTH LET</u>	<u>YEAR LET</u>	<u>ITEMS</u>	<u>COMMENT</u>		
***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>SIGN #</u>	<u>SIGN TYPE</u>	<u>PROBLEM</u>
<u>Rating</u>							<u>PROBLEM DIRECTION</u>
<u>Rating Date</u>							
[Item 67] Structure Evaluation Rating:					1		
[Item 68] Deck Geometry Rating:							
[Item 69] Underclearance:							
Sufficiency Rating:							
Deficiency:							
Funding Eligibility:					***OUTFALL INSPECTION INFORMATION***		
Estimated New Structure Length:					# OUTFALLS:		
Estimated Structure Cost:					INSPECTOR:		
Estimated Total Project Cost:					STATUS:		
Year of Cost Estimate:					DATE:		
					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.							

