

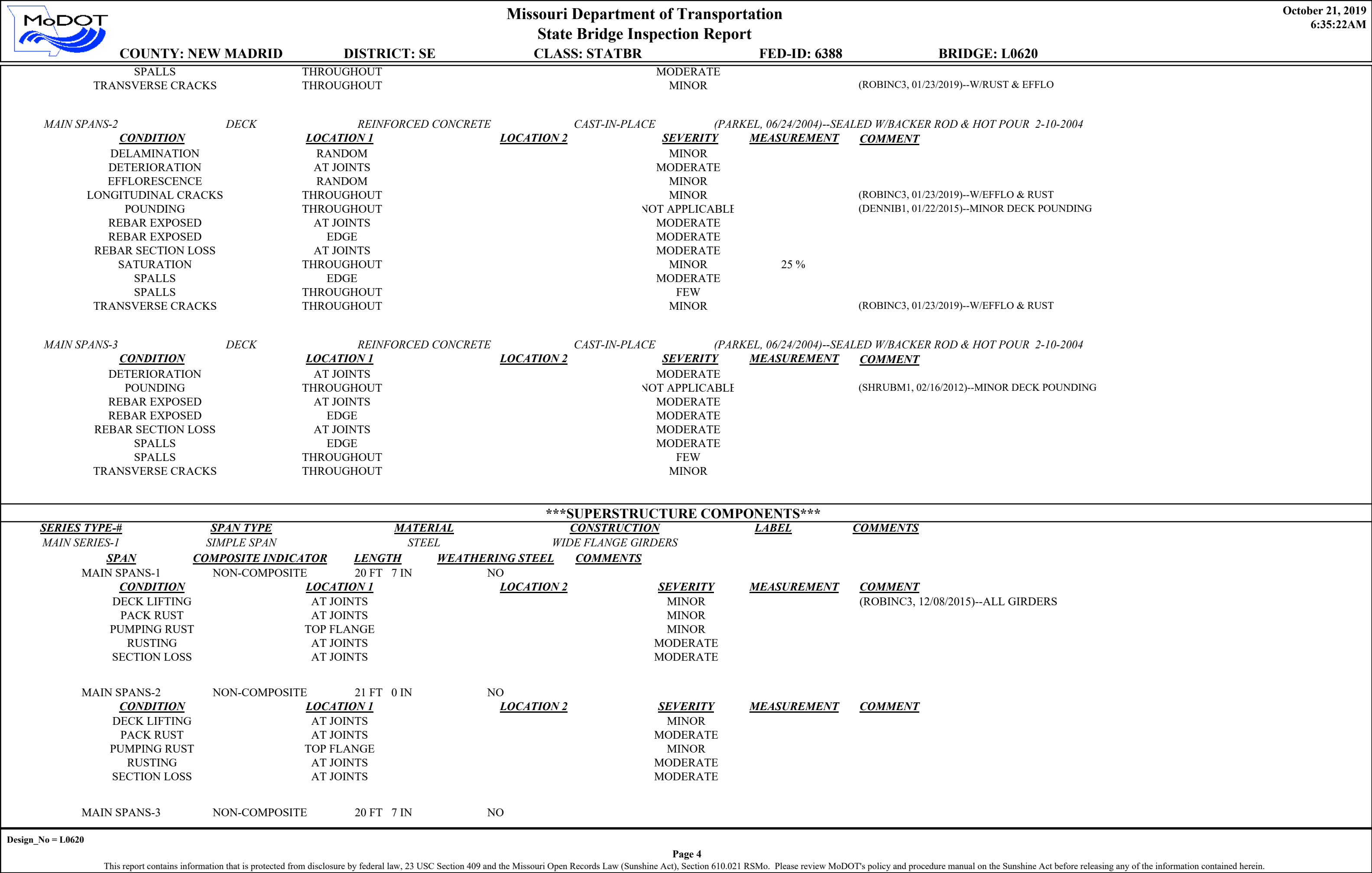

		<div>Missouri Department of Transportation</div> <div>State Bridge Inspection Report</div>				<div>October 21, 2019</div> <div>6:35:22AM</div>							
COUNTY: NEW MADRID		DISTRICT: SE		CLASS: STATBR		FED-ID: 6388		BRIDGE: L0620					
***GENERAL STRUCTURE INFORMATION***							***BRIDGE INSPECTION INFORMATION***						
<div>ROUTE: RTHE</div> <div>FEATURE: DRAIN DTCH</div> <div>STATUS: A-OPEN</div> <div>LOG MILE: 5.239</div> <div>DETOUR: 20.00 MILES</div> <div>NHS: NO</div> <div>BUILT: 1954</div> <div>REHAB:</div> <div>LOCATION: S 1 T 24 R 13 E</div> <div>LATITUDE: 36 45 34.69 (DMS)</div> <div>LONGITUDE: 89 35 32.64 (DMS)</div>		<div># SPANS: 3</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: 7H42</div>		<div>PLACE CODE: 05518 BIG PRAIRIE</div> <div>LENGTH: 65 FT 0 IN</div> <div>MAXIMUM SPAN: 21 FT 0 IN</div> <div>APPROACH ROADWAY: 22 FT 0 IN</div> <div>CURB TO CURB: 22 FT 0 IN</div> <div>OUT TO OUT: 24 FT 8 IN</div> <div>AADT: 672</div> <div>AADT YEAR: 2018</div> <div>AADT TRUCK: 12.4%</div> <div>FUTURE AADT: 1042</div> <div>FUTURE AADT YEAR: 2038</div>		<div>DATE: 12/20/2018</div> <div>RESPONSIBILITY: DISTRICT</div> <div>FREQUENCY: 12</div> <div>CALCULATED INTERVAL**: 12</div> <div>TEAM LEADER: SETH BOLLINGER</div> <div>ELEMENT: NO</div> <div>INSPECTOR 2: ZACHARY LEE (NTLQ)</div> <div>INSPECTOR 4:</div> <div>INSPECTOR 3:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>							
						<div>GENERAL INSPECTION COMMENTS</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>								
<div>FRACTURE CRITICAL INSPECTION COMMENTS</div>					<div>INDEPTH INSPECTION COMMENTS</div>								
***SPECIAL INSPECTION INFORMATION***					***UNDERWATER INSPECTION INFORMATION***								
<div>DATE: 05/08/2017</div> <div>FREQUENCY: 999</div> <div>TEAM LEADER:</div> <div>INSPECTOR 2: AARON HUGENBERG</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>					<div>RESPONSIBILITY: DISTRICT</div> <div>CALCULATED INTERVAL**:</div> <div>INSPECTOR 3: TRAVIS WOMBWELL</div> <div>INSPECTOR 4:</div> <div>CATEGORY: DAMAGE POST INCIDE</div> <div>NBI: NO</div> <div>METHOD: VISUAL</div>								
<div>SPECIAL INSPECTION COMMENTS</div>					<div>UNDERWATER INSPECTION COMMENTS</div>								
OTHER SPECIAL INSPECTIONS					OTHER UNDERWATER INSPECTIONS								
<div>DATE</div> <div>10/30/2013</div>	<div>FREQUENCY</div> <div>120</div>	<div>CATEGORY</div> <div>CHANNEL CROSS SECTIONS</div>	<div>NBI</div> <div>NO</div>	<div>CALCULATED INTERVAL</div>	<div>RESPONSIBILITY</div> <div>DISTRICT</div>	<div>METHOD</div> <div>WT TAPE</div>	<div>DATE</div>	<div>FREQUENCY</div>	<div>CATEGORY</div>	<div>NBI</div>	<div>CALCULATED INTERVAL</div>	<div>RESPONSIBILITY</div>	<div>METHOD</div>

		Missouri Department of Transportation			October 21, 2019	
		State Bridge Inspection Report			6:35:22AM	
COUNTY: NEW MADRID		DISTRICT: SE	CLASS: STATBR	FED-ID: 6388	BRIDGE: L0620	
***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, 09/15/2008)--(20'-21'-20') SMP WF GDR SPANS						
[ITEM 58] DECK: 4-POOR CONDITION		COMMENTS: (ZENTZA1, 08/08/2011)--SPALLS WITH REBAR EXPOSED				
RATING : 12/13/2016		(SHRUBM1, 02/16/2012)--AND SATURATION				
[ITEM 59] SUPER: 5-FAIR CONDITION		COMMENTS: (ZENTZA1, 08/08/2011)--RUSTING TOP FLANGE AT GIRDER ENDS				
RATING : 12/13/2016		(DENNIB1, 12/13/2016)--SECTION LOSS @ JOINTS & BOTTOM FLANGE				
[ITEM 60] SUB: 5-FAIR CONDITION		COMMENTS: (SHRUBM1, 02/16/2012)--TIMBER PILE SPLICES				
RATING : 02/16/2012						
[ITEM 61] BANK/CHANNEL: 7-MINOR DAMAGE		COMMENTS: (BLALOR1, 01/30/2013)--GABIONS ADDED @ BT 2 & 3				
RATING : 12/18/2013		(ROBINC3, 12/20/2018)--MINOR EROSION AT BOTH ABUTS				
[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 : 02/17/2004		COMMENTS:		
<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>		
VERTICAL CRACKS	THROUGHOUT		MINOR			
STEEL	CHANNEL-DOUBLE	BOTH				
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>		
COLLISION DAMAGE	THROUGHOUT		MINOR			
RUSTING	THROUGHOUT		MINOR			
[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 = L0620						
Page 2						
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COUNTY: NEW MADRID		DISTRICT: SE	CLASS: STATBR	FED-ID: 6388	BRIDGE: L0620	
[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>	<u>COMMENTS</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>	<u>THICKNESS</u>	<u>YEAR APPLIED</u>	<u>MANUFACTURE</u>
MAIN SERIES-1	WEARING SURFACE	ASPHALT	BITUMINOUS MAT	1 IN		
<u>COMMENT:</u> (BOWDEJ1, 02/24/2005)--MAT OVERLAY 1997						
	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>	<u>DIRECTION</u>	<u>COMMENTS</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>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>	<u>COMMENTS</u>		
MAIN SPANS-1	DECK	REINFORCED CONCRETE	CAST-IN-PLACE	(PARKEL, 06/24/2004)--SEALED W/BACKER ROD & HOT POUR 2-10-2004 (WILSOJ, 02/10/2005)--FEW MAP CRACKS ON BOTTOM		
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	DELAMINATION	THROUGHOUT		MODERATE		
	DETERIORATION	AT JOINTS		MODERATE		
	LONGITUDINAL CRACKS	THROUGHOUT		MINOR		(ROBINC3, 01/23/2019)--W/RUST & EFFLO
	POUNDING	THROUGHOUT		NOT APPLICABLE		(DENNIB1, 01/22/2015)--MINOR DECK POUNDING
	REBAR EXPOSED	AT JOINTS		MODERATE		
	REBAR EXPOSED	THROUGHOUT		MODERATE		
	REBAR SECTION LOSS	AT JOINTS		MODERATE		
	SATURATION	THROUGHOUT		MINOR	10 %	
	SPALLS	RANDOM		MINOR		
Design_No = L0620						
Page 3						
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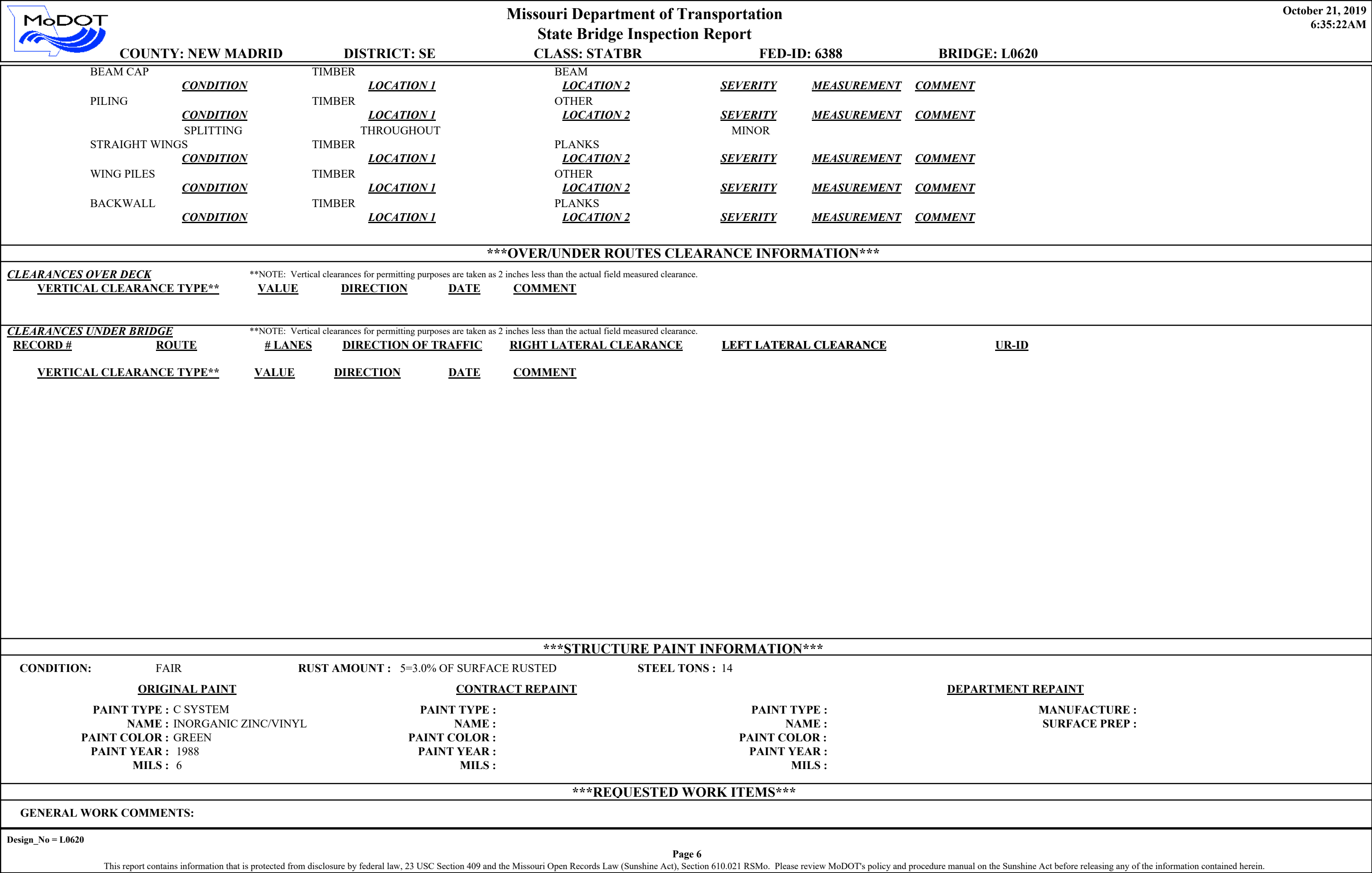


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COUNTY: NEW MADRID		DISTRICT: SE		CLASS: STATBR	FED-ID: 6388	BRIDGE: L0620	
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DECK LIFTING		AT JOINTS			MINOR		
PACK RUST		THROUGHOUT			MINOR		(ROBINC3, 12/08/2015)--SPlice PLATE
PUMPING RUST		TOP FLANGE			MINOR		
RUSTING		AT JOINTS			MODERATE		
SECTION LOSS		AT JOINTS			MODERATE		
***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-12 DEGREES	23 FT 4 IN	TIMBER	NON-INTEGRAL		(ROBINC3, 01/23/2019)--MINOR EROSION AROUND PILES	
	<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			TIMBER	BEAM			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
	SPLITTING		THROUGHOUT			MODERATE	
PILING			TIMBER	OTHER			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
	SPLITTING		THROUGHOUT			MINOR	
STRAIGHT WINGS			TIMBER	PLANKS			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
WING PILES			TIMBER	OTHER			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
BACKWALL			TIMBER	PLANKS			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
BENT-2	RA-12 DEGREES	23 FT 4 IN	STEEL	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			STEEL	H-SHAPE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
	RUSTING		THROUGHOUT			MINOR	
PILING			TIMBER	OTHER			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
	REPLACE WITH H PILE		ALL			NOT APPLICABLE	
	RUSTING		THROUGHOUT			MINOR	
BENT-3	RA-12 DEGREES	23 FT 4 IN	STEEL	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			STEEL	H-SHAPE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
	RUSTING		THROUGHOUT			MINOR	
PILING			TIMBER	OTHER			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
	REPLACE WITH H PILE		ALL			NOT APPLICABLE	
	RUSTING		THROUGHOUT			MINOR	
ABUTMENT-4	RA-12 DEGREES	23 FT 4 IN	TIMBER	NON-INTEGRAL			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
	EROSION		THROUGHOUT			MINOR	
<u>ASSOCIATED COMPONENT</u>			<u>MATERIAL</u>	<u>CONSTRUCTION</u>			


Design\_No = L0620

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						BRIDGE: L0620																																								
RESPONSIBILITY DISTRICT ROUTINE		LOCATION BENT		ITEM SEAL JTS - RODS/HOT POUR		CATEGORY DECK																																								
				PRIORITY 2		DATE 12/07/2017																																								
						WORK ITEM COMMENT																																								
***UTILITY ATTACHMENTS***																																														
UTILITY		OWNER		METHOD		MEASUREMENT TYPE																																								
				VALUE		NUMBER																																								
						UTILITY ATTACHMENT COMMENT																																								
***PROGRAM NOTES INFORMATION***																																														
YEAR 2022		PROJECT # J9S3540		MONTH LET 1		YEAR LET 2022																																								
				ITEMS REPLACE BRIDGE		COMMENT																																								
***COMPUTER GENERATED RATINGS AND DEFICIENCY ITEMS***				***ADVANCED SIGN INFORMATION***																																										
<p>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.</p> <table><tr><td><u>Rated Item</u></td><td><u>Rating</u></td><td><u>Rating Date</u></td></tr><tr><td>[Item 67] Structure Evaluation Rating:</td><td>5-BETTER THAN MINIMUM</td><td>2/24/2012</td></tr><tr><td>[Item 68] Deck Geometry Rating:</td><td>4-MEETS MINIMUM TOLERABLE</td><td>2/8/2017</td></tr><tr><td>[Item 69] Underclearance:</td><td>N-NOT APPLICABLE</td><td>5/18/2001</td></tr><tr><td>Sufficiency Rating:</td><td>47.4%</td><td>12/17/2018</td></tr><tr><td>Deficiency:</td><td>STRUCTURAL</td><td>1/3/2017</td></tr><tr><td>Funding Eligibility:</td><td>FULL</td><td>----</td></tr><tr><td>Estimated New Structure Length:</td><td>89 FT.</td><td>----</td></tr><tr><td>Estimated Structure Cost:</td><td>\$309,666</td><td>----</td></tr><tr><td>Estimated Total Project Cost:</td><td>\$464,499</td><td>----</td></tr><tr><td>Year of Cost Estimate:</td><td>2019</td><td>----</td></tr></table> <p>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.</p>				<u>Rated Item</u>	<u>Rating</u>	<u>Rating Date</u>	[Item 67] Structure Evaluation Rating:	5-BETTER THAN MINIMUM	2/24/2012	[Item 68] Deck Geometry Rating:	4-MEETS MINIMUM TOLERABLE	2/8/2017	[Item 69] Underclearance:	N-NOT APPLICABLE	5/18/2001	Sufficiency Rating:	47.4%	12/17/2018	Deficiency:	STRUCTURAL	1/3/2017	Funding Eligibility:	FULL	----	Estimated New Structure Length:	89 FT.	----	Estimated Structure Cost:	\$309,666	----	Estimated Total Project Cost:	\$464,499	----	Year of Cost Estimate:	2019	----	SIGN # 1				SIGN TYPE		PROBLEM		PROBLEM DIRECTION	
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				NOTES:																																										

