
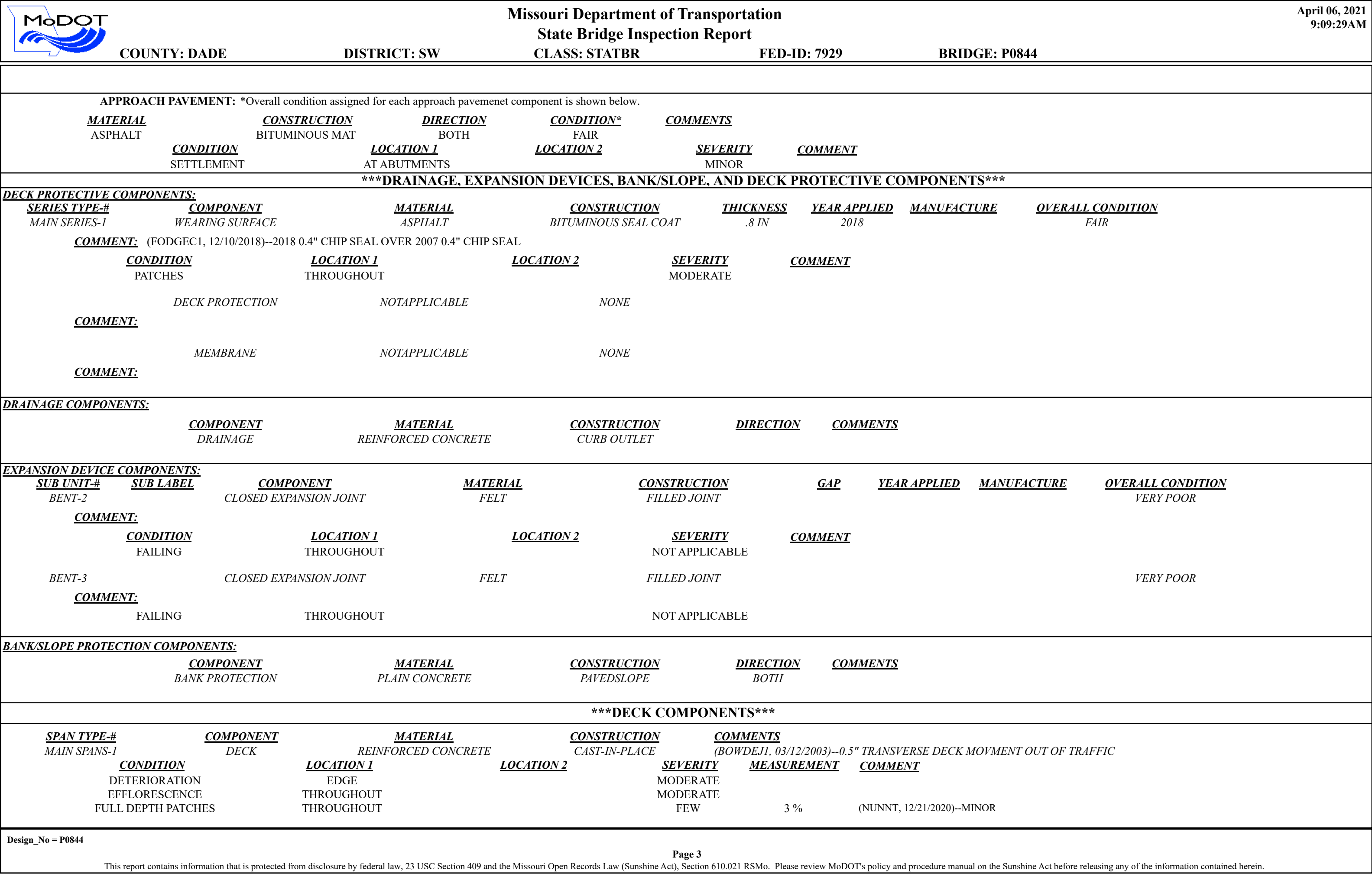
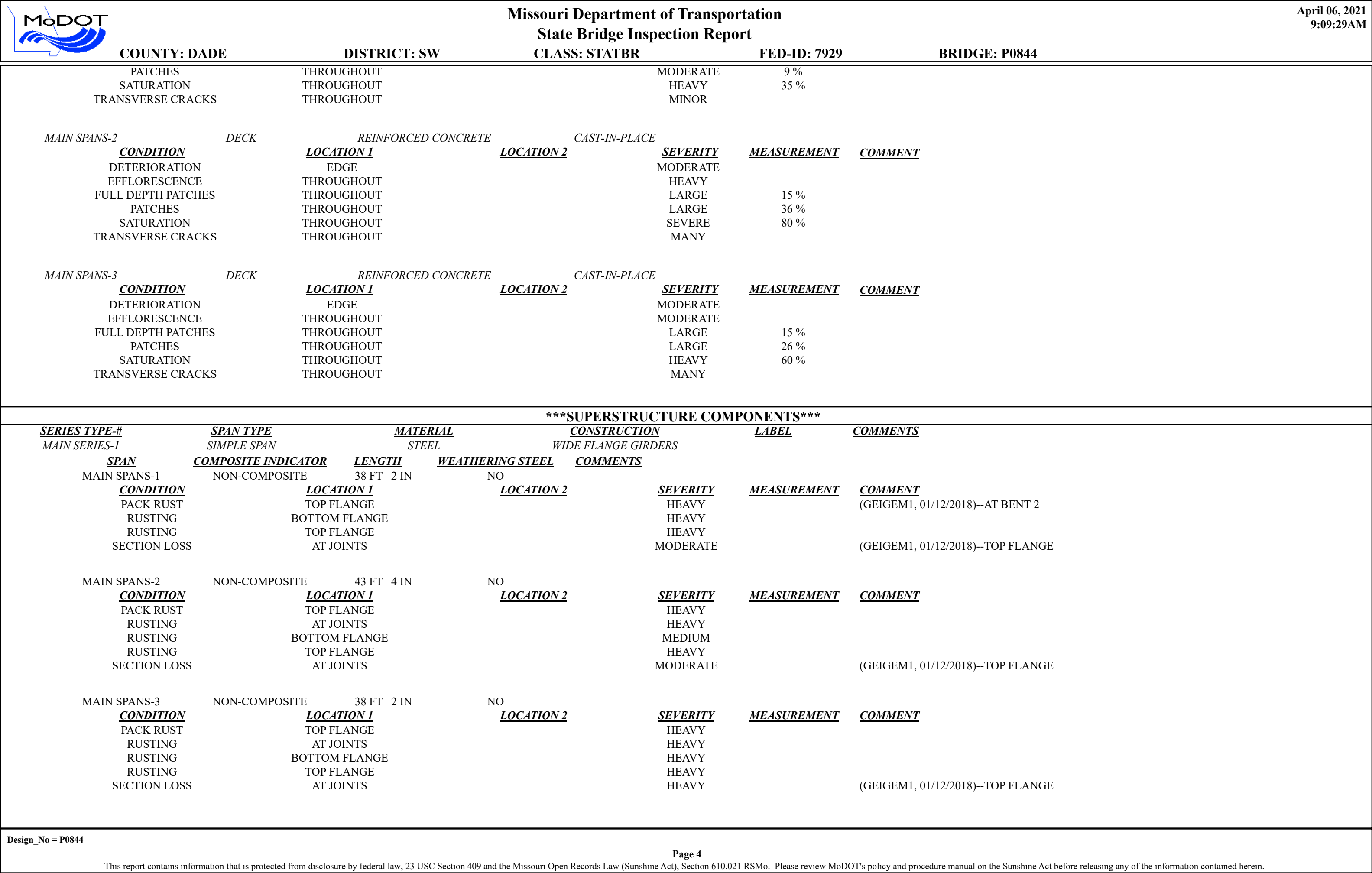
		<div>Missouri Department of Transportation</div> <div>State Bridge Inspection Report</div>				<div>April 06, 2021</div> <div>9:09:29AM</div>			
COUNTY: DADE		DISTRICT: SW		CLASS: STATBR		FED-ID: 7929		BRIDGE: P0844	
GENERAL STRUCTURE INFORMATION							***BRIDGE INSPECTION INFORMATION***		
<div>ROUTE: RTDS</div> <div>FEATURE: HORSE CR</div> <div>STATUS: P-POSTLOAD</div> <div>LOG MILE: 9.652</div> <div>DETOUR: 18.00 MILES</div> <div>NHS: NO</div> <div>BUILT: 1955</div> <div>REHAB:</div> <div>LOCATION: S 9 T 31 R 28 W</div> <div>LATITUDE: 37 26 35.36 (DMS)</div> <div>LONGITUDE: 94 1 25.83 (DMS)</div>		<div># SPANS: 3</div> <div>LANES ON: 2</div> <div>LANES UNDER: 0</div> <div>COMPASS DIRECTION: NORTH to SOUTH</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: SW</div> <div>MAINTENANCE COUNTY: DADE</div> <div>SUB AREA: 7G21</div>		<div>PLACE CODE: 45992 MARION</div> <div>LENGTH: 120 FT 0 IN</div> <div>MAXIMUM SPAN: 43 FT 4 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 4 IN</div> <div>AADT: 339</div> <div>AADT YEAR: 2020</div> <div>AADT TRUCK: 10.9%</div> <div>FUTURE AADT: 441</div> <div>FUTURE AADT YEAR: 2040</div>		<div>DATE: 11/04/2020</div> <div>RESPONSIBILITY: DISTRICT</div> <div>FREQUENCY: 24</div> <div>CALCULATED INTERVAL**: 24</div> <div>TEAM LEADER: MATTHEW GEIGER</div> <div>ELEMENT: NO</div> <div>INSPECTOR 2:</div> <div>INSPECTOR 4:</div> <div>INSPECTOR 3:</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>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: 02/14/2013</div> <div>FREQUENCY: 120</div> <div>TEAM LEADER: OTHER</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**:</div> <div>INSPECTOR 3:</div> <div>INSPECTOR 4:</div> <div>CATEGORY: CHANNEL CROSS SEC</div> <div>NBI: NO</div> <div>METHOD: EMD</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				
<div>DATE</div> <div>FREQUENCY</div> <div>CATEGORY</div> <div>NBI</div> <div>CALCULATED INTERVAL</div> <div>RESPONSIBILITY</div> <div>METHOD</div>					<div>DATE</div> <div>FREQUENCY</div> <div>CATEGORY</div> <div>NBI</div> <div>CALCULATED INTERVAL</div> <div>RESPONSIBILITY</div> <div>METHOD</div>				
Design_No = P0844									
<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>									

		<div>Missouri Department of Transportation</div> <div>State Bridge Inspection Report</div>			<div>April 06, 2021</div> <div>9:09:29AM</div>	
COUNTY: DADE		DISTRICT: SW	CLASS: STATBR	FED-ID: 7929	BRIDGE: P0844	
STRUCTURE POSTING						
APPROVED CATEGORY: S-16		TRKS OVR 13 TNS 15MPH ON BR EXCPT SNGL UNIT TRKS WT LIMIT 18 TNS&ALL OTHR TRKS WT LIMIT 32 TNS.				
Ton 1: 13		Ton 2: 18	Ton 3: 32			
COMMENTS:						
FIELD CATEGORY: S-16		TRKS OVR 13 TNS 15MPH ON BR EXCPT SNGL UNIT TRKS WT LIMIT 18 TNS&ALL OTHR TRKS				
Ton 1: 13		Ton 2: 18	Ton 3: 32		PROBLEM:	PROBLEM DIRECTION:
COMMENTS:						
GENERAL COMMENTS/MAJOR RATED ITEMS						
GENERAL COMMENTS: (BOWDEJ1, 06/20/2008)--(38'-43'-38') SMP WF GDR SPANS						
[ITEM 58] DECK: 3-SERIOUS CONDITION			COMMENTS: (NUNNT, 12/21/2020)--80% DECK SATURATION SPAN 2			
RATING : 12/09/2016						
[ITEM 59] SUPER: 5-FAIR CONDITION			COMMENTS: (FODGEC1, 12/10/2018)--HEAVY TOP FLANGE S.L.			
RATING : 12/09/2016						
[ITEM 60] SUB: 5-FAIR CONDITION			COMMENTS: (GEIGEM1, 01/12/2018)--MODERATE BT 2 CAP DETER AND MODERATE STIRRUP SECTION LOSS ONLY MINOR MAIN REBAR SECTION LOSS, SO RAISED			
RATING : 01/12/2018			RATING BACK TO 5			
[ITEM 61] BANK/CHANNEL: 6-WIDESPREAD MINOR DAMAGE			COMMENTS: (BRITTT1, 12/09/2016)--MOD BANK EROSION			
RATING : 05/18/2001						
[ITEM 113] SCOUR: 8-STABLE FOR CALCULATED			COMMENTS: (BRITTT1, 11/26/2014)--MINOR DEEPENING OF CHANNEL			
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 : 12/17/2004		COMMENTS:		
<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>			
REINFORCED CONCRETE	CURB	BOTH				
STEEL	ANGLE-DOUBLE	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 = P0844						
<div>Page 2</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>						





MoDOT

COUNTY: DADE

DISTRICT: SW

CLASS: STATBR

FED-ID: 7929

BRIDGE: P0844

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	LA-30 DEGREES	25 FT 5 IN	REINFORCED CONCRETE	OPEN CONCRETE		
	<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>		
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>
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	
	EFFLORESCENCE		THROUGHOUT		LIGHT	
	HORIZONTAL CRACKS		TOP		OPEN	
	REBAR EXPOSED		THROUGHOUT		MINOR	
	SATURATION		THROUGHOUT		MODERATE	
	SPALLS		RANDOM		MODERATE	
	VERTICAL CRACKS		THROUGHOUT		MINOR	
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>
FOOTING			REINFORCED CONCRETE	SPREAD		
	<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>
EXPANSION BEARING			STEEL	SLIDING FLAT PLATE		
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
	PACK RUST		THROUGHOUT		HEAVY	
	RUSTING		THROUGHOUT		HEAVY	
BENT-2	LA-30 DEGREES	24 FT 2 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		BOTTOM		MODERATE	
	DETERIORATION		ENDS		MINOR	
	REBAR EXPOSED		BOTTOM		MANY	(GEIGEM1, 01/12/2018)--NO CONTAINMENT BOTTOM OF STIRRUPS
	REBAR SECTION LOSS		BOTTOM		MINOR	(GEIGEM1, 01/12/2018)--MANY STIRRUPS WITH MODERATE SECTION LOSS AND MAIN REBAR ONLY MINOR SECTION LOSS
	SPALLS		BOTTOM		HEAVY	
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	
	SPALLS		GROUND LINE		MINOR	
FOOTING			REINFORCED CONCRETE	SPREAD		
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
FIXED BEARING			STEEL	FLAT PLATE		
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
BENT-3	LA-30 DEGREES	24 FT 2 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>

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Missouri Department of Transportation

State Bridge Inspection Report

April 06, 2021
9:09:29AM

COUNTY: DADE

DISTRICT: SW

CLASS: STATBR

FED-ID: 7929

BRIDGE: P0844

	DELAMINATION	THROUGHOUT	MODERATE			
	EFFLORESCENCE	THROUGHOUT	LIGHT			
	HORIZONTAL CRACKS	THROUGHOUT	MEDIUM			
	MAP CRACKS	THROUGHOUT	FINE			
	SATURATION	THROUGHOUT	MODERATE			
	VERTICAL CRACKS	RANDOM	FEW			
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		MINOR		
FOOTING		REINFORCED CONCRETE	SPREAD			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
EXPANSION BEARING		STEEL	SLIDING FLAT PLATE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	RUSTING	THROUGHOUT		HEAVY		
FIXED BEARING		STEEL	FLAT PLATE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	PACK RUST	THROUGHOUT		MINOR		
	RUSTING	THROUGHOUT		HEAVY		
ABUTMENT-4	LA-30 DEGREES	25 FT 5 IN	REINFORCED CONCRETE	OPEN CONCRETE		
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
ASSOCIATED COMPONENT		MATERIAL	CONSTRUCTION			
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>
	EFFLORESCENCE	RANDOM		LIGHT		
	VERTICAL CRACKS	RANDOM		FINE		
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		HEAVY		
	HORIZONTAL CRACKS	THROUGHOUT		OPEN		
	REBAR EXPOSED	THROUGHOUT		MODERATE		
	SATURATION	THROUGHOUT		MODERATE		
	SPALLS	THROUGHOUT		MODERATE		
	VERTICAL CRACKS	THROUGHOUT		MINOR		
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>
FOOTING		REINFORCED CONCRETE	SPREAD			
	<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>
EXPANSION BEARING		STEEL	SLIDING CURVED/FLAT PL			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	PACK RUST	THROUGHOUT		HEAVY		
	RUSTING	THROUGHOUT		HEAVY		

*****OVER/UNDER ROUTES CLEARANCE INFORMATION*****

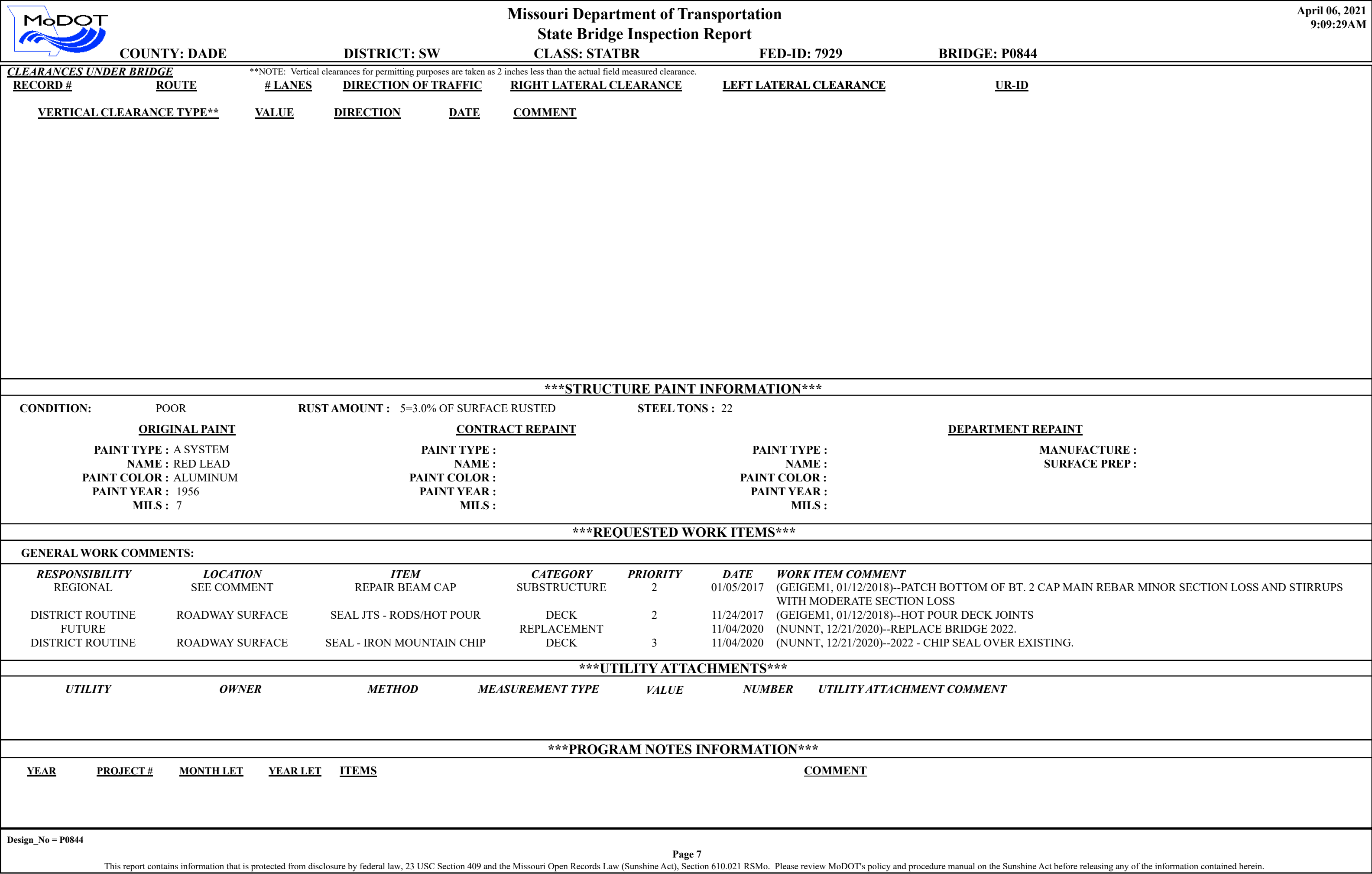
CLEARANCES OVER DECK


****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>
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			State Bridge Inspection Report			9:09:29AM					
COUNTY: DADE			DISTRICT: SW			CLASS: STATBR					
			FED-ID: 7929			BRIDGE: P0844					
COMPUTER GENERATED RATINGS AND DEFICIENCY ITEMS						***ADVANCED SIGN INFORMATION***					
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.						SIGN #					
						SIGN TYPE					
						PROBLEM					
						PROBLEM DIRECTION					
<u>Rated Item</u>						<u>Rating</u>					
						<u>Rating Date</u>					
[Item 67] Structure Evaluation Rating:						2-BASICALLY INTOLRBLE REQ					
[Item 68] Deck Geometry Rating:						4-MEETS MINIMUM TOLERABLE					
[Item 69] Underclearance:						N-NOT APPLICABLE					
Sufficiency Rating:						23.8%					
Deficiency:						STRUCTURAL					
Funding Eligibility:						FULL					
Estimated New Structure Length:						151 FT.					
Estimated Structure Cost:						\$471,029					
Estimated Total Project Cost:						\$706,544					
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.											
						OUTFALL INSPECTION INFORMATION					
						# OUTFALLS:					
						INSPECTOR:					
						STATUS:					
						DATE:					
						NOTES:					