
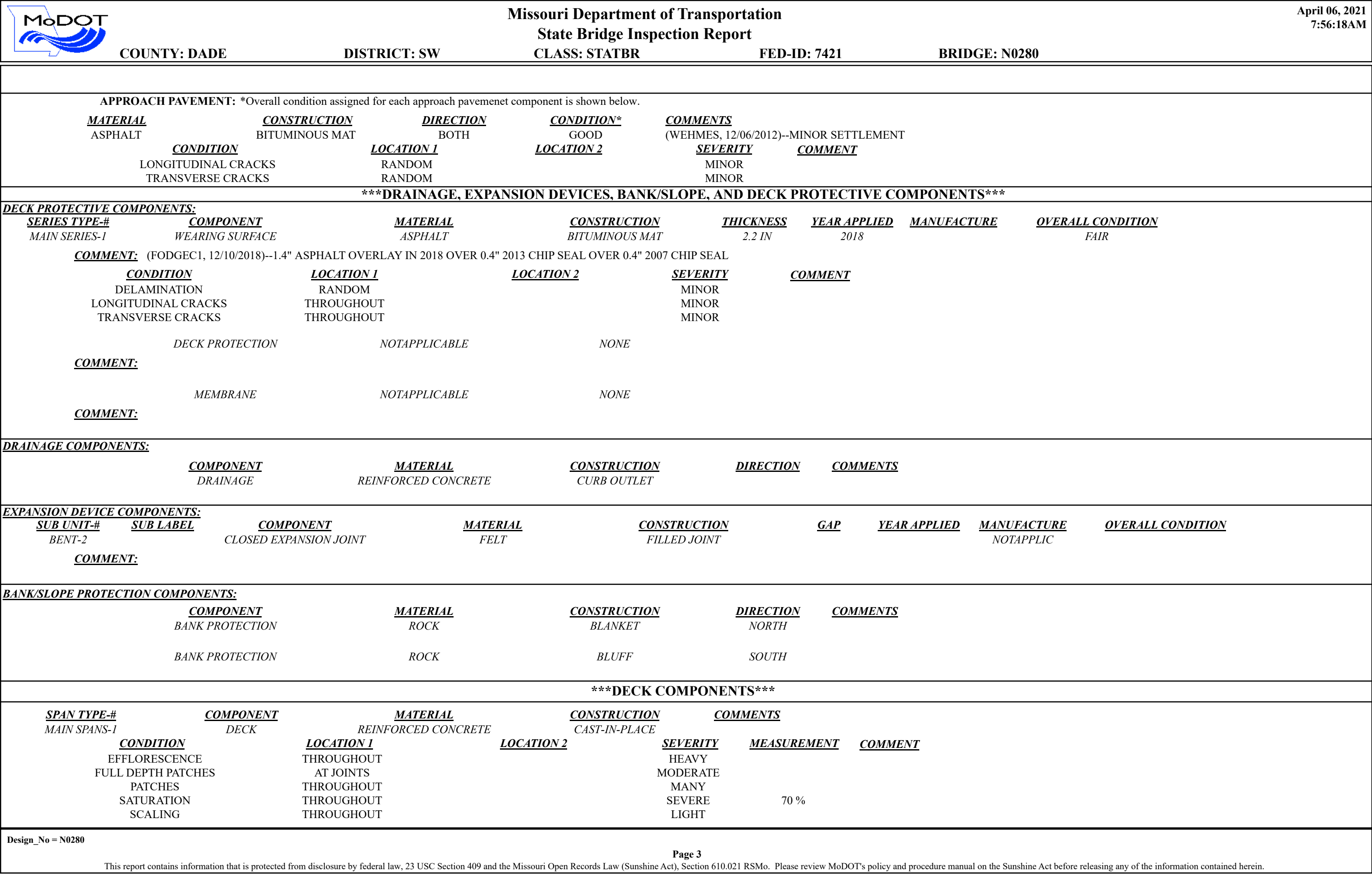
		<div>Missouri Department of Transportation</div> <div>State Bridge Inspection Report</div>				<div>April 06, 2021</div> <div>7:56:18AM</div>			
COUNTY: DADE		DISTRICT: SW		CLASS: STATBR		FED-ID: 7421		BRIDGE: N0280	
GENERAL STRUCTURE INFORMATION							***BRIDGE INSPECTION INFORMATION***		
<div>ROUTE: RTKE</div> <div>FEATURE: JORDAN CR</div> <div>STATUS: P-POSTLOAD</div> <div>LOG MILE: 4.982</div> <div>DETOUR: 20.00 MILES</div> <div>NHS: NO</div> <div>BUILT: 1957</div> <div>REHAB: 1994</div> <div>LOCATION: S 13 T 30 R 26 W</div> <div>LATITUDE: 37 19 43.84 (DMS)</div> <div>LONGITUDE: 93 44 44.50 (DMS)</div>		<div># SPANS: 2</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: SW</div> <div>MAINTENANCE COUNTY: DADE</div> <div>SUB AREA: 7G21</div>		<div>PLACE CODE: 68618 SOUTH</div> <div>LENGTH: 121 FT 0 IN</div> <div>MAXIMUM SPAN: 71 FT 0 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: 320</div> <div>AADT YEAR: 2020</div> <div>AADT TRUCK: 12.5%</div> <div>FUTURE AADT: 416</div> <div>FUTURE AADT YEAR: 2040</div>		<div>DATE: 11/16/2020</div> <div>RESPONSIBILITY: DISTRICT</div> <div>FREQUENCY: 12</div> <div>CALCULATED INTERVAL**: 12</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>			
						<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: 02/14/2013</div> <div>FREQUENCY: 120</div> <div>TEAM LEADER:</div> <div>INSPECTOR 2: OTHER</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>				
<div>DATE: 11/16/2020</div> <div>FREQUENCY: 60</div> <div>TEAM LEADER: MATTHEW GEIGER</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**: 12</div> <div>INSPECTOR 3:</div> <div>INSPECTOR 4:</div> <div>CATEGORY: DRY</div> <div>NBI: NO</div> <div>METHOD: VISUAL</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>				
<div>SPECIAL INSPECTION COMMENTS</div>					<div>UNDERWATER INSPECTION COMMENTS</div>				
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 = N0280

Page 1

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			April 06, 2021	
		State Bridge Inspection Report			7:56:18AM	
COUNTY: DADE		DISTRICT: SW	CLASS: STATBR	FED-ID: 7421	BRIDGE: N0280	
STRUCTURE POSTING						
APPROVED CATEGORY: S-15		TRUCK WEIGHT LIMIT 33 TONS EXCEPT SINGLE UNIT TANDEM REAR AXLE TRUCKS		22 TONS WEIGHT LIMIT		
Ton 1: 33		Ton 2: 22		Ton 3:		
COMMENTS:						
FIELD CATEGORY: S-15		TRUCK WEIGHT LIMIT 33 TONS EXCEPT SINGLE UNIT TANDEM REAR AXLE TRUCKS		22 TONS \		
Ton 1: 33		Ton 2: 22		Ton 3:		PROBLEM:
COMMENTS: PROBLEM DIRECTION:						
GENERAL COMMENTS/MAJOR RATED ITEMS						
GENERAL COMMENTS: (GEIGEM1, 12/04/2020)--(71')(50') SMP WF GDR SPANS						
[ITEM 58] DECK: 3-SERIOUS CONDITION		COMMENTS: (GEIGEM1, 12/04/2020)--90% SEVERE SATURATION SPAN 2				
RATING : 12/10/2018						
[ITEM 59] SUPER: 4-POOR CONDITION		COMMENTS: (STEGEC, 03/11/2003)--GIRDERS STRENGTHENED IN JUNE OF 1994				
RATING : 12/10/2018		(GEIGEM1, 01/04/2019)--50% GIRDER END SECTION LOSS GDR 2 WEB @ ABUTMENT 3				
[ITEM 60] SUB: 3-SERIOUS CONDITION		COMMENTS: (GEIGEM1, 12/04/2020)--SPALL UNDER BEARING WITH 60% BEARING INFLUENCE SPAN 1 GDR 1 AND 4 @ BENT 2				
RATING : 12/04/2020						
[ITEM 61] BANK/CHANNEL: 6-WIDESPREAD MINOR DAMAGE		COMMENTS: (FODGEC1, 12/10/2018)--BRUSH AND GRAVEL IN CHANNEL CAUSE MINOR FLOW RESTRICTION				
RATING : 12/10/2018						
[ITEM 113] SCOUR: 8-STABLE FOR CALCULATED		COMMENTS: (FODGEC1, 12/10/2018)--NO SCOUR				
RATING : 05/18/2001						
EVALUATION TYPE :						
[ITEM 71] WATERWAY ADEQUACY: DECK ABOVE FLOOD ELEV		COMMENTS:				
RATING : 05/18/2001						
[ITEM 72] APPRRDWY ALIGNMENT: 6-SATISFACTORY		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 = N0280						
Page 2						
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

State Bridge Inspection Report

April 06, 2021
7:56:18AM

COUNTY: DADE

DISTRICT: SW

CLASS: STATBR

FED-ID: 7421

BRIDGE: N0280

TRANSVERSE CRACKS		THROUGHOUT	MANY	
MAIN SPANS-2	DECK	REINFORCED CONCRETE	CAST-IN-PLACE	
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>
EFFLORESCENCE		THROUGHOUT		HEAVY
FULL DEPTH PATCHES		THROUGHOUT		LARGE
PATCHES		THROUGHOUT		MANY
SATURATION		THROUGHOUT		SEVERE
SCALING		THROUGHOUT		LIGHT
TRANSVERSE CRACKS		THROUGHOUT		MANY

SUPERSTRUCTURE COMPONENTS

<u>SERIES TYPE-#</u>	<u>SPAN TYPE</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>LABEL</u>	<u>COMMENTS</u>
MAIN SERIES-1	SIMPLE SPAN	STEEL	WIDE FLANGE GIRDERS		
	<u>SPAN</u>	<u>COMPOSITE INDICATOR</u>	<u>LENGTH</u>	<u>WEATHERING STEEL</u>	<u>COMMENTS</u>
MAIN SPANS-1	NON-COMPOSITE	71 FT 0 IN	NO		
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
	PACK RUST	AT JOINTS		MINOR	
	RUSTING	BOTTOM FLANGE		HEAVY	
	RUSTING	TOP FLANGE		HEAVY	
MAIN SPANS-2	NON-COMPOSITE	50 FT 2 IN	NO		
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u> <u>COMMENT</u>
	PACK RUST	ENDS		HEAVY	
	RUST	GIRDER ENDS		HEAVY	
	RUSTING	BOTTOM FLANGE		MEDIUM	
	RUSTING	TOP FLANGE		HEAVY	
	SECTION LOSS	GIRDER ENDS		MODERATE	
					(GEIGEM1, 12/04/2020)--BOTH FLANGES @ ABUT 3 AND 3/8" (75%) WEB LOSS BOTTOM 3"X5" GDR 2 @ ABUT 3 AND GDR 3 1/4" (50%) WEB LOSS BOTTOM 2" X 12".

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		24 FT 4 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>		
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>
	RUST STAINS		RANDOM		MINOR	
	SHOVING		THROUGHOUT		MODERATE	(BRITTT1, 11/26/2014)--GDR AGAINST BACKWALL @ SW CORNER
	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		RANDOM		MINOR	
	HORIZONTAL CRACKS		FRONT FACE		MEDIUM	
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		MINOR	
	RUSTING		THROUGHOUT		HEAVY	

Design_No = N0280

This report contains information that is protected from disclosure by federal law, 25 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

State Bridge Inspection Report

April 06, 2021
7:56:18AM

COUNTY: DADE

DISTRICT: SW

CLASS: STATBR

FED-ID: 7421

BRIDGE: N0280

BENT-2		21 FT 0 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>
	DETERIORATION		ENDS		MINOR		
	EFFLORESCENCE		THROUGHOUT		MODERATE		
	OTHER		AT BEARING		NOT APPLICABLE		(FODGEC1, 12/10/2018)--MODERATE PATCH, GDR 4 SPAN 2
	SATURATION		THROUGHOUT		HEAVY		
	SCALING		THROUGHOUT		MODERATE		
COLUMN	SPALLS		UNDER BEARING		LARGE		(GEIGEM1, 12/04/2020)--GDR 1 AND 4, SPAN 2
	SPALLS		VERTICAL FACE		LARGE		(GEIGEM1, 12/04/2020)--60% LOSS OF BEARING GDR 1 AND 4 SPAN 2
			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>
	DRIFT		WATERLINE		SMALL AMOUNT		
	EFFLORESCENCE		RANDOM		LIGHT		
	SCALING		WATERLINE		LIGHT		
	SPALLS		THROUGHOUT		MINOR		
	FOOTING		REINFORCED CONCRETE	SPREAD			
			<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FIXED BEARING		STEEL	CURVED PLATE(ROTATING				
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
ABUTMENT-3		20 FT 4 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>
	EROSION		GROUND LINE		MODERATE		
	HORIZONTAL CRACKS		FRONT FACE		MEDIUM		
	SATURATION		THROUGHOUT		HEAVY		
STRAIGHT WINGS	SPALLS		FRONT FACE		MINOR		(FODGEC1, 12/10/2018)--HIGH STEEL
			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>
	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>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		MODERATE		
RUSTING		THROUGHOUT		HEAVY			

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

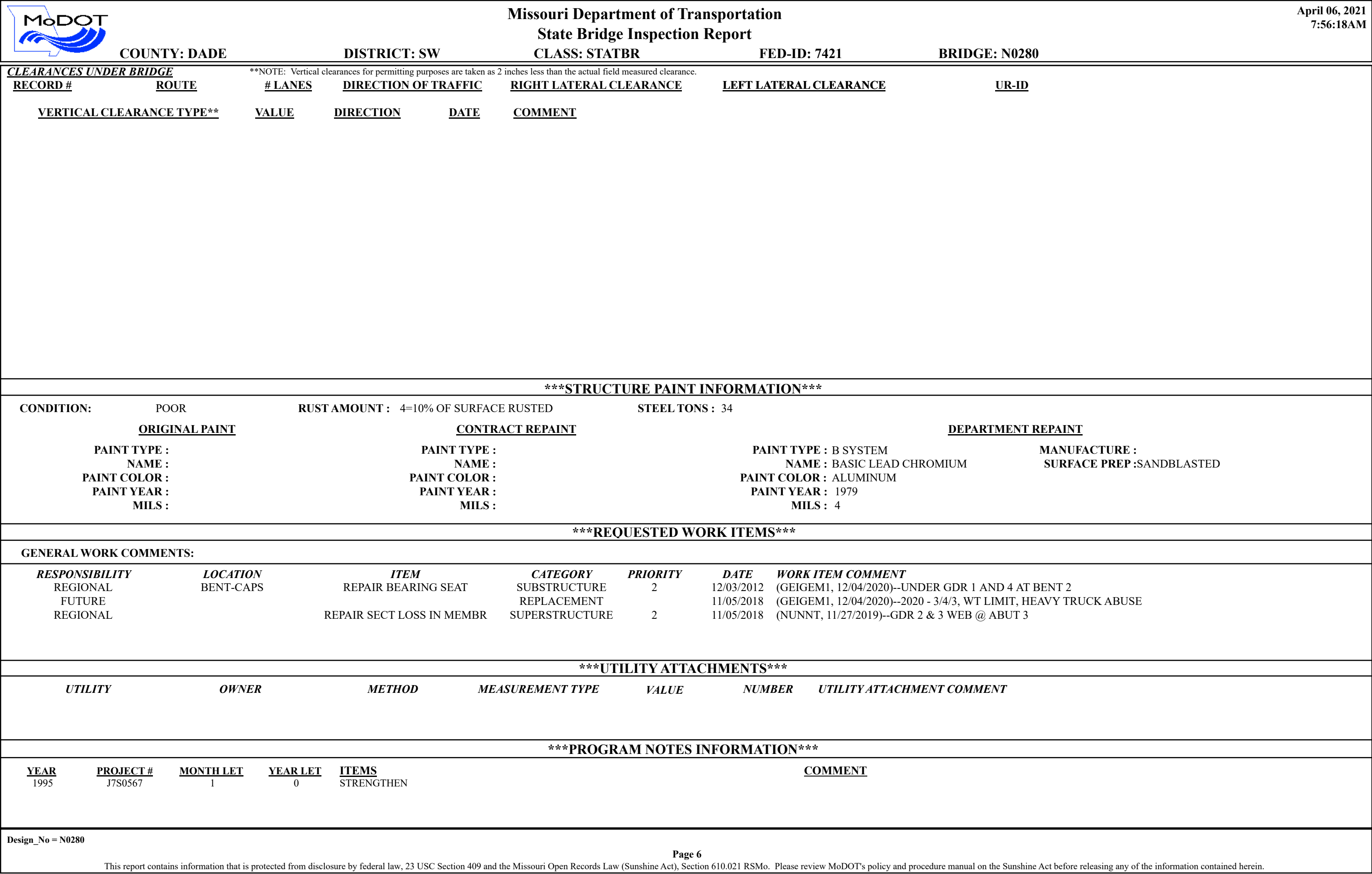
CLEARANCES OVER DECK


****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>
----------------------------------	--------------	------------------	-------------	----------------

Design_No = N0280

This report contains information that is protected from disclosure by federal law, 25 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		April 06, 2021	
			State Bridge Inspection Report		7:56:18AM	
COUNTY: DADE			DISTRICT: SW		CLASS: STATBR	
			FED-ID: 7421		BRIDGE: N0280	
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>					1	
<u>Rating</u>					DELINEATOR	
<u>Rating Date</u>						
[Item 67] Structure Evaluation Rating: 3-BASICALLY INTOL CORRECT 12/8/2020						
[Item 68] Deck Geometry Rating: 4-MEETS MINIMUM TOLERABLE 12/8/2020						
[Item 69] Underclearance: N-NOT APPLICABLE 5/18/2001						
Sufficiency Rating: 8.4% 12/8/2020						
Deficiency: STRUCTURAL 7/28/2017						
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:	

