
		<div>Missouri Department of Transportation</div> <div>State Bridge Inspection Report</div>				<div>April 08, 2021</div> <div>7:52:43AM</div>			
COUNTY: ST. CHARLES		DISTRICT: SL		CLASS: STATBR		FED-ID: 4202		BRIDGE: A5308	
***GENERAL STRUCTURE INFORMATION***							***BRIDGE INSPECTION INFORMATION***		
<div>ROUTE: MO370E</div> <div>FEATURE: CST ELM ST</div> <div>STATUS: A-OPEN</div> <div>LOG MILE: 5.073</div> <div>DETOUR: 1.00 MILES</div> <div>NHS: YES</div> <div>BUILT: 1994</div> <div>REHAB:</div> <div>LOCATION: S 13 T 47 R 4 E</div> <div>LATITUDE: 38 49 27.04 (DMS)</div> <div>LONGITUDE: 90 31 5.14 (DMS)</div>		<div># SPANS: 3</div> <div>LANES ON: 3</div> <div>LANES UNDER: 6</div> <div>COMPASS DIRECTION: WEST to EAST</div> <div>DIRECTION OF TRAFFIC: 1-WAY TRAF</div> <div>FUNCTIONAL CLASS: UR-FREEWAY</div> <div>NBI OWNER: MODOT</div> <div>NBI MAINTAINED: MODOT</div> <div>MAINTENANCE DISTRICT: SL</div> <div>MAINTENANCE COUNTY: ST. CHARLES</div> <div>SUB AREA: 7F52</div>		<div>PLACE CODE: 64082 ST. CHARLES CITY</div> <div>LENGTH: 284 FT 0 IN</div> <div>MAXIMUM SPAN: 117 FT 0 IN</div> <div>APPROACH ROADWAY: 59 FT 0 IN</div> <div>CURB TO CURB: 54 FT 11 IN</div> <div>OUT TO OUT: 57 FT 7 IN</div> <div>AADT: 23415</div> <div>AADT YEAR: 2020</div> <div>AADT TRUCK: 5.0%</div> <div>FUTURE AADT: 39806</div> <div>FUTURE AADT YEAR: 2040</div>		<div>DATE: 10/01/2019</div> <div>RESPONSIBILITY: DISTRICT</div> <div>FREQUENCY: 24</div> <div>CALCULATED INTERVAL**: 24</div> <div>TEAM LEADER: KATE MARSHALL</div> <div>ELEMENT: YES</div> <div>INSPECTOR 2: CHUCK DOLEJSI</div> <div>INSPECTOR 4:</div> <div>INSPECTOR 3: TERRY L SHUNAMON</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:</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>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 = A5308

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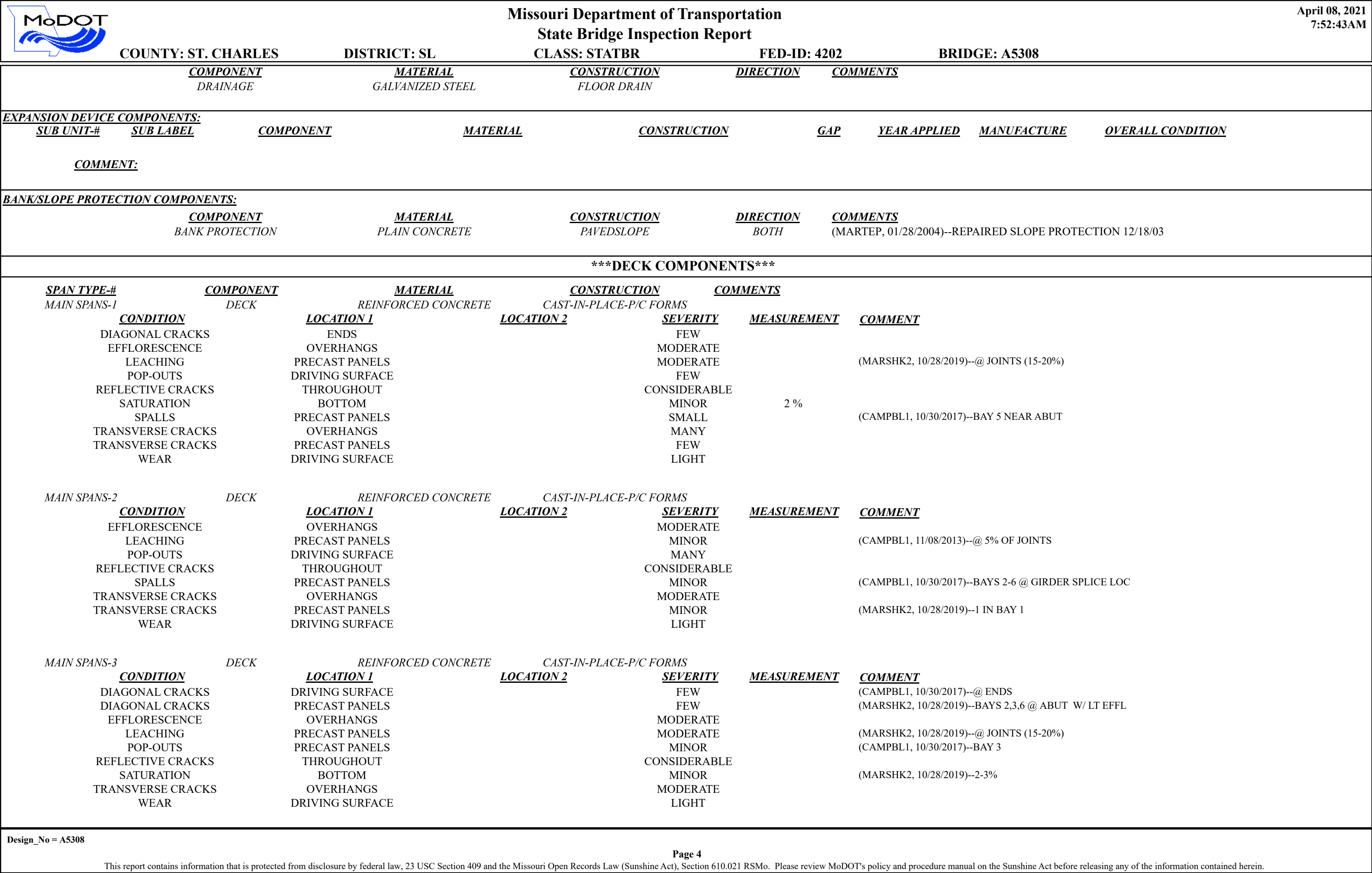
		Missouri Department of Transportation			April 08, 2021	
		State Bridge Inspection Report			7:52:43AM	
COUNTY: ST. CHARLES		DISTRICT: SL	CLASS: STATBR	FED-ID: 4202	BRIDGE: A5308	
***STRUCTURE POSTING***						
APPROVED CATEGORY: S-1		NO POSTING REQUIRED				
Ton 1:		Ton 2:		Ton 3:		
COMMENTS:						
FIELD CATEGORY: S-1		NO POSTING REQUIRED				
Ton 1:		Ton 2:		Ton 3:	PROBLEM:	PROBLEM DIRECTION:
COMMENTS:						
***GENERAL COMMENTS/MAJOR RATED ITEMS***						
GENERAL COMMENTS: (BOWDEJ1, 04/16/2007)--(85'-117'-79) CONT COMP PLATE GDR SPANS      ROUTE OPENED 11-22-96						
[ITEM 58] DECK:		6-SATISFACTORY CONDITION		COMMENTS: (CAMPBL1, 11/09/2011)--MANY CRACKS, SAT THRU PANELS		
RATING :		11/09/2011				
[ITEM 59] SUPER:		7-GOOD CONDITION		COMMENTS: (ALLBRD1, 01/05/2006)--DIAPHRAGM CONNECTIONS BOLTED TO FLANGES IN TENSION ZONES, WEDLED IN COMPRESSION ZONE.		
RATING :		10/11/2013 (CAMPBL1, 10/09/2015)--MOD ISOLATED RUST				
[ITEM 60] SUB:		7-GOOD CONDITION		COMMENTS: (CAMPBL1, 10/24/2017)--SPALL COLUMNS/ DELAM BT 3 COL 4		
RATING :		11/09/2011				
[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:		8-VERYGOOD		COMMENTS: (MARSHK2, 10/02/2019)--NO SPEED REDUCTION		
RATING :		05/18/2001				
***RAILING AND APPROACH PAVEMENT COMPONENTS AND RATINGS***						
[ITEM 36A] BRIDGE RAILING RATING:		MEETS CURRENT STANDARDS-1		RATING :	05/18/2001	COMMENTS:
<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>			
REINFORCED CONCRETE	MEDIAN BARRIER CURB	LEFT				
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>		
SATURATION	THROUGHOUT		MODERATE			
VERTICAL CRACKS	THROUGHOUT		MANY			
REINFORCED CONCRETE	SAFETY BARRIER CURB	RIGHT				
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>		
DETERIORATION	OUTSIDE FACE		MINOR			
LEACHING	THROUGHOUT		MODERATE			
OTHER	THROUGHOUT		NOT APPLICABLE	(CAMPBL1, 10/22/2015)--MANY H-CRACKS		
	RANDOM			(CAMPBL1, 10/30/2017)--RANDOM MAP CRACKS W/EFFL & RUST STAINS		
VERTICAL CRACKS	THROUGHOUT		MANY			
[ITEM 36B] TRANSITION RAILING RATING:		MEETS CURRENT STANDARDS-1		RATING :	05/18/2001	COMMENTS:

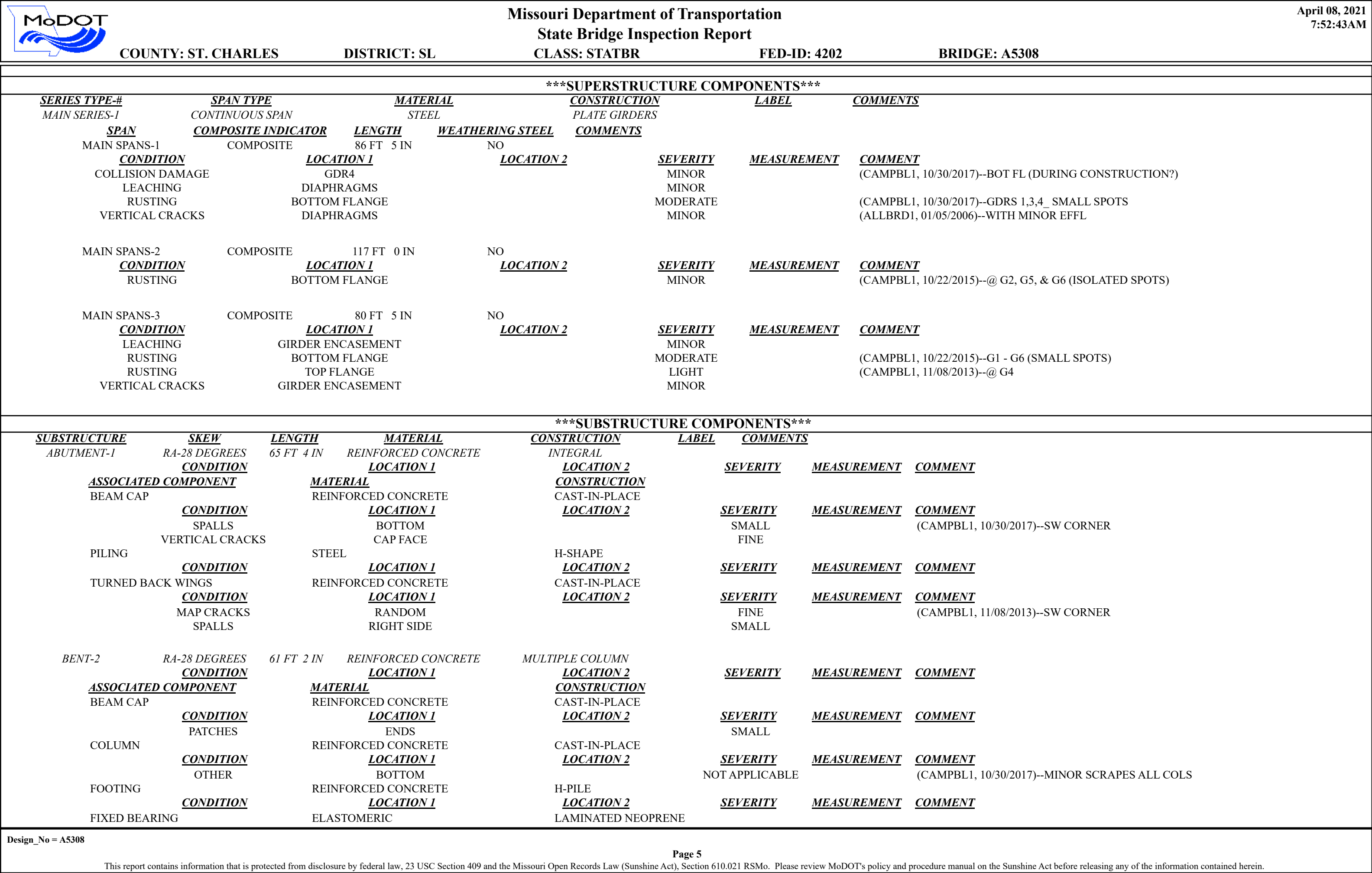
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COUNTY: ST. CHARLES		DISTRICT: SL		CLASS: STATBR		FED-ID: 4202	
				BRIDGE: A5308			
<u>MATERIAL</u>		<u>CONSTRUCTION</u>		<u>DIRECTION</u>		<u>COMMENTS</u>	
GALVANIZED STEEL		THRIE BEAM TO W-BEAM		SOUTHWEST			
REINFORCED CONCRETE		OTHER		NORTHEAST		(ALLBRD1, 12/08/2003)--MEDIAN BARRIER	
REINFORCED CONCRETE		OTHER		NORTHWEST		(ALLBRD1, 12/08/2003)--MEDIAN BARRIER	
<i>[ITEM 36C] APPROACH RAILING RATING: MEETS CURRENT STANDARDS-1</i>				<i>RATING : 05/18/2001</i>		<i>COMMENTS:</i>	
<u>MATERIAL</u>		<u>CONSTRUCTION</u>		<u>DIRECTION</u>		<u>COMMENTS</u>	
REINFORCED CONCRETE		OTHER		NORTHWEST		(ALLBRD1, 12/08/2003)--MEDIAN BARRIER	
GALVANIZED STEEL		W-BEAM		SOUTHWEST			
REINFORCED CONCRETE		OTHER		NORTHEAST		(ALLBRD1, 12/08/2003)--MEDIAN BARR IER	
<i>[ITEM 36D] RAIL END TREATMENT RATING: MEETS CURRENT STANDARDS-1</i>				<i>RATING : 05/18/2001</i>		<i>COMMENTS:</i>	
<u>MATERIAL</u>		<u>CONSTRUCTION</u>		<u>DIRECTION</u>		<u>COMMENTS</u>	
GALVANIZED STEEL		BREKAWAY SYSTEM		SOUTHWEST			
OTHER		OTHER		NORTHEAST		(ALLBRD1, 12/08/2003)--MEDIAN BARRIER	
OTHER		OTHER		NORTHWEST		(ALLBRD1, 12/08/2003)--MEDIAN BARRIER	
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/CONCRETE		BITUMINOUS MAT/SLAB		BOTH		POOR	
						<u>COMMENTS</u>	
						(ALLBRD1, 01/05/2006)--RE-WEDGED APPROACHES WITH SRI PROJECT SEPT 2005 (CAMPBL1, 10/22/2015)--MUDJACKED UNDER SLABS 4/8/05 (CAMPBL1, 10/30/2017)--2.5" WEDGE PLACED IN 2014? - APPROACHES LEVEL NOW (2015) W/OPEN ASPHALT CRACKS @ COVERED ROADWAY JOINT.	
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	
PATCHES		THROUGHOUT				MANY	
						<u>COMMENT</u>	
						(CAMPBL1, 10/30/2017)--EAST END (COVERED)	
***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		PLAIN CONCRETE		MONOLITHIC	
<u>COMMENT:</u>							
		DECK PROTECTION		EPOXY POLYMER		COATED REBAR	
<u>COMMENT:</u>							
		MEMBRANE		NOTAPPLICABLE		NONE	
<u>COMMENT:</u>							
		SECONDARY DECK PROTECTION		LIQUID SEALANT		INTERNALLY SEALED	
<u>COMMENT:</u>							
						2017	
						PAVON INDECK	
<u>DRAINAGE COMPONENTS:</u>							
Design_No = A5308							
Page 3							
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# Missouri Department of Transportation State Bridge Inspection Report

**April 08, 2021**  
**7:52:43AM**

**COUNTY: ST. CHARLES**

**DISTRICT: SL**

**CLASS: STATBR**

FED-ID: 4202

**BRIDGE: A5308**

			<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BENT-3	RA-28 DEGREES	61 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>
	PATCHES		ENDS			SMALL		(CAMPBL1, 10/22/2015)--GROUT SMEARED FROM ORIGINAL CONSTR
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		BOTTOM			MINOR		(MARSHK2, 10/28/2019)--COL 2, 4
	REBAR EXPOSED		COLUMN			MINOR		(CAMPBL1, 10/22/2015)--COL 2
	SPALLS		COLUMN			SMALL		(CAMPBL1, 10/30/2017)--MOD @ COL 2
FOOTING			REINFORCED CONCRETE		H-PILE			
	<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
EXPANSION BEARING			ELASTOMERIC		LAMINATED NEOPRENE			
	<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
ABUTMENT-4	RA-28 DEGREES	65 FT 4 IN	REINFORCED CONCRETE		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>			
	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>
PILING			STEEL		H-SHAPE			
	<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
TURNED BACK 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>

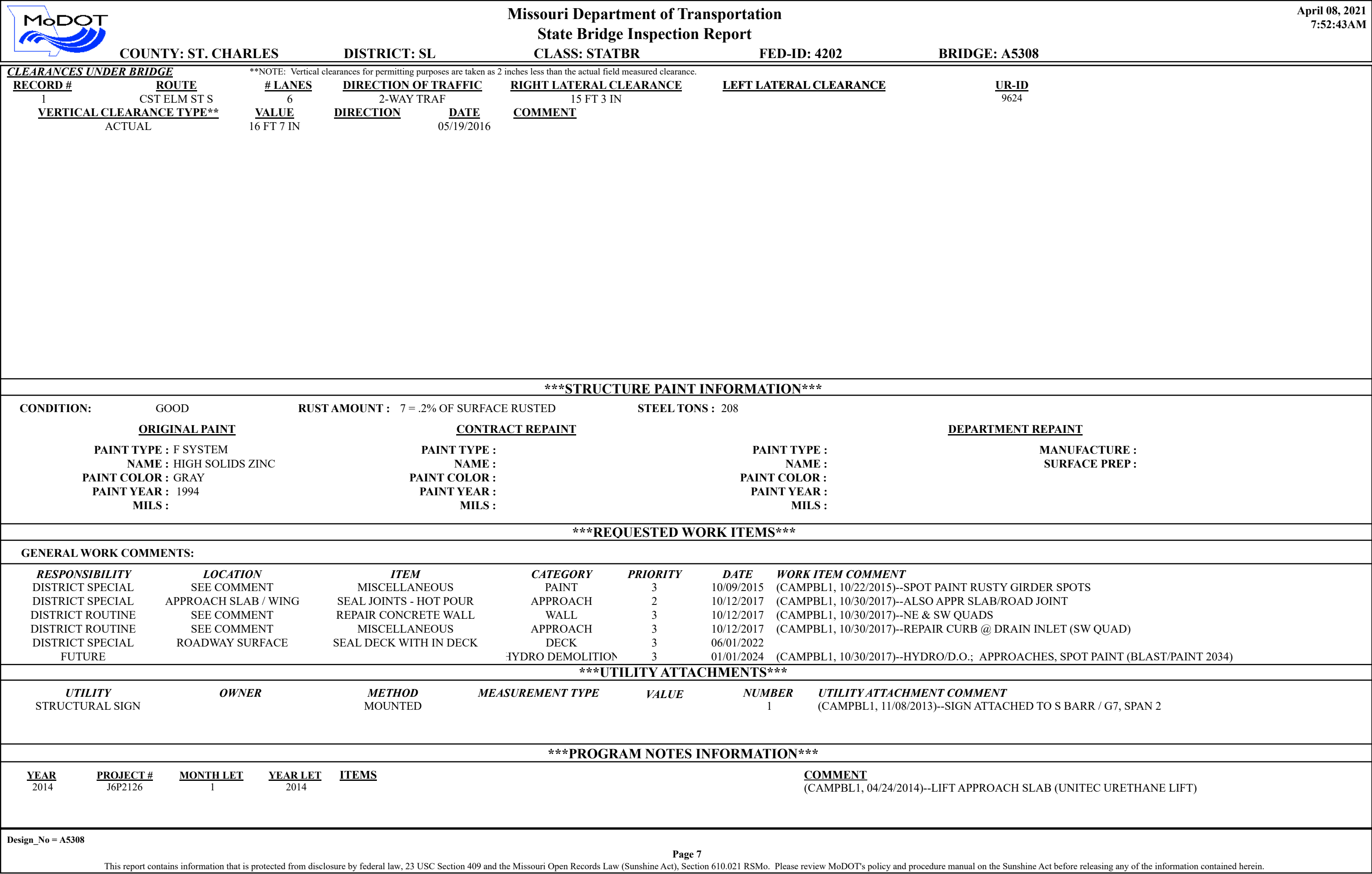
\*\*\*OVER/UNDER ROUTES CLEARANCE INFORMATION\*\*\*


## 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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COUNTY: ST. CHARLES			DISTRICT: SL		CLASS: STATBR		FED-ID: 4202																																					
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***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 #																																						
						1																																						
<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>7-BETTER THAN PRESENT MIN</td><td>1/11/2012</td></tr><tr><td>[Item 68] Deck Geometry Rating:</td><td>6-EQ TO PRESENT MIN CRITR</td><td>3/20/2002</td></tr><tr><td>[Item 69] Underclearance:</td><td>6-EQ TO PRESENT MIN CRITR</td><td>1/25/2006</td></tr><tr><td>Sufficiency Rating:</td><td>93.7%</td><td>10/4/2019</td></tr><tr><td>Deficiency:</td><td>NOT DEFICIENT</td><td>1/25/2006</td></tr><tr><td>Funding Eligibility:</td><td></td><td>----</td></tr><tr><td>Estimated New Structure Length:</td><td></td><td>----</td></tr><tr><td>Estimated Structure Cost:</td><td></td><td>----</td></tr><tr><td>Estimated Total Project Cost:</td><td></td><td>----</td></tr><tr><td>Year of Cost Estimate:</td><td></td><td>----</td></tr></table>						<u>Rated Item</u>	<u>Rating</u>	<u>Rating Date</u>	[Item 67] Structure Evaluation Rating:	7-BETTER THAN PRESENT MIN	1/11/2012	[Item 68] Deck Geometry Rating:	6-EQ TO PRESENT MIN CRITR	3/20/2002	[Item 69] Underclearance:	6-EQ TO PRESENT MIN CRITR	1/25/2006	Sufficiency Rating:	93.7%	10/4/2019	Deficiency:	NOT DEFICIENT	1/25/2006	Funding Eligibility:		----	Estimated New Structure Length:		----	Estimated Structure Cost:		----	Estimated Total Project Cost:		----	Year of Cost Estimate:		----						
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						# OUTFALLS: 0																																						
						INSPECTOR: KATE MARSHALL																																						
						STATUS: NONE																																						
						DATE: 10/01/2019																																						
						NOTES: OVER ROADWAY																																						
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.																																												