

		Missouri Department of Transportation				June 30, 2021	
		State Culvert Inspection Report				1:48:06PM	
COUNTY: ST. LOUIS		DISTRICT: SL		CLASS: STATCUL		FED-ID: 4453	
						BRIDGE: F0182	
GENERAL STRUCTURE INFORMATION						***CULVERT INSPECTION INFORMATION***	
ROUTE: MO100E FEATURE: GLAIZE CR STATUS: A-OPEN LOG MILE: 104.402 DETOUR: 13.00 MILES NHS: YES BUILT: 1921 REHAB: 1983 LOCATION: S 31 T 45 R 5 E LATITUDE: 38 35 47 (DMS) LONGITUDE: 90 29 15.61 (DMS)		# SPANS: 3 LANES ON: 5 FILL DEPTH: 2 FT COMPASS DIRECTION: WEST to EAST DIRECTION OF TRAFFIC: 2-WAY TRAF FUNCTIONAL CLASS: UR-PRINCIPAL ARTERIAL NBI OWNER: MODOT NBI MAINTAINED: MODOT MAINTENANCE DISTRICT: SL MAINTENANCE COUNTY: ST. LOUIS SUB AREA: 7F35		PLACE CODE: 92915 ST. LOUIS 92915 LENGTH: 43 FT 0 IN MAXIMUM SPAN: 13 FT 0 IN APPROACH ROADWAY: 70 FT 0 IN CURB TO CURB: 0 FT 0 IN BARREL LENGTH: 256 FT 1 IN AADT: 36780 AADT YEAR: 2020 AADT TRUCK: 12.5% FUTURE AADT: 45975 FUTURE AADT YEAR: 2040		DATE: 11/08/2019 RESPONSIBILITY: DISTRICT	
						FREQUENCY: 24 CALCULATED INTERVAL**: 24	
						TEAM LEADER: ZACHARY EVANS ELEMENT: YES	
				INSPECTOR 2: RYAN SEMAR INSPECTOR 4:			
				INSPECTOR 3:			
				** When calculated interval exceeds the frequency, a justification comment per BIRM is required.			
SPECIAL INSPECTION INFORMATION						***UNDERWATER INSPECTION INFORMATION***	
DATE: RESPONSIBILITY: CATEGORY:			DATE: RESPONSIBILITY: CATEGORY:				
FREQUENCY: CALCULATED INTERVAL**: NBI:			FREQUENCY: CALCULATED INTERVAL**: NBI:				
TEAM LEADER: INSPECTOR 3: METHOD:			TEAM LEADER: INSPECTOR 3: METHOD:				
INSPECTOR 2: INSPECTOR 4:			INSPECTOR 2: INSPECTOR 4:				
** When calculated interval exceeds the frequency, a justification comment per BIRM is required.			** When calculated interval exceeds the frequency, a justification comment per BIRM is required.				
SPECIAL INSPECTION COMMENTS			UNDERWATER INSPECTION COMMENTS				
OTHER SPECIAL INSPECTIONS			OTHER UNDERWATER INSPECTIONS				
DATE	FREQUENCY	CATEGORY	NBI	CALCULATED INTERVAL	RESPONSIBILITY	METHOD	DATE
							FREQUENCY
							CATEGORY
							NBI
							CALCULATED INTERVAL
							RESPONSIBILITY
							METHOD
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:	
COMMENTS:		PROBLEM DIRECTION:					
GENERAL COMMENTS/MAJOR RATED ITEMS							
GENERAL COMMENTS: (BOWDEJ1, 03/14/2007)--3 (13' X 10') CONC BOX CULVERT							
[ITEM 62] CULVERT: 5-FAIR CONDITION				COMMENTS: (EVANSZ1, 11/19/2019)--LARGE SPALLS W/REBAR & CRACKS			
RATING : 11/19/2013							
Design_No = F0182							
Page 1							
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[ITEM 61] BANK/CHANNEL: 5-MAJOR DAMAGE RATING : 11/19/2013		COMMENTS: (CAMPBL1, 03/02/2010)--UPSTREAM BANK SLOUGHING, DIVERTING FLOW TO EAST (2009). (CAMPBL1, 12/20/2011)--WEST BARREL IS 1/2 FULL, CENTER BARREL IS 1/4 FULL(2011). NO FLOW IN WEST & CENTER BARRELS. (DOLEJC, 11/19/2013)--HVY SILT DEPOSIT ALTERING FLOW (CAMPBL1, 11/06/2015)--2 CREEKS FEED US MAKING ALIGNMENT POOR (CAMPBL1, 11/09/2017)--DS CHANNEL PUSHES WEST FROM GRAVEL DEPOSITS.				
[ITEM 113] SCOUR: 8-STABLE FOR CALCULATED RATING : 05/18/2001 EVALUATION TYPE :		COMMENTS: (EVANSZ1, 11/19/2019)--NO SCOUR OBSERVED				
[ITEM 71] WATERWAY ADEQUACY: DECK/APPRCH OVERTOP SLIGT RATING : 05/18/2001		COMMENTS:				
[ITEM 72] APPRRDWY ALIGNMENT: 8-VERYGOOD RATING : 05/18/2001		COMMENTS: (EVANSZ1, 11/19/2019)--STRAIGHT AND LEVEL				
RAILING AND APPROACH PAVEMENT COMPONENTS AND RATINGS						
<i>[ITEM 36A] BRIDGE RAILING RATING: NOT REQUIRED-N</i>		<i>RATING : 03/02/2010</i>		<i>COMMENTS:</i>		
<i>[ITEM 36B] TRANSITION RAILING RATING: NOT REQUIRED-N</i>		<i>RATING : 03/02/2010</i>		<i>COMMENTS:</i>		
<i>[ITEM 36C] APPROACH RAILING RATING: NOT REQUIRED-N</i>		<i>RATING : 03/02/2010</i>		<i>COMMENTS:</i>		
<i>[ITEM 36D] RAIL END TREATMENT RATING: NOT REQUIRED-N</i>		<i>RATING : 03/02/2010</i>		<i>COMMENTS:</i>		
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/CONCRETE	BITUMINOUS MAT/SLAB	BOTH				
BANK 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	EARTH FILL	NOT APPLICABLE			
<u>COMMENT:</u>						
	DECK PROTECTION	EARTH FILL	NOT APPLICABLE			
<u>COMMENT:</u>						
	MEMBRANE	EARTH FILL	NOT APPLICABLE			
<u>COMMENT:</u>						
<u>BANK PROTECTION COMPONENTS:</u>						
	<u>COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>	
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COUNTY: ST. LOUIS		DISTRICT: SL	CLASS: STATCUL	FED-ID: 4453	BRIDGE: F0182
DECK COMPONENTS					
<u>SPAN TYPE-#</u> MAIN SPANS-1	<u>COMPONENT</u> DECK	<u>MATERIAL</u> EARTH FILL	<u>CONSTRUCTION</u> NOT APPLICABLE	<u>COMMENTS</u>	
MAIN SPANS-2	DECK	EARTH FILL	NOT APPLICABLE		
MAIN SPANS-3	DECK	EARTH FILL	NOT APPLICABLE		
SUPERSTRUCTURE COMPONENTS					
<u>SERIES TYPE-#</u> MAIN SERIES-1	<u>SPAN TYPE</u> CONTINUOUS SPAN	<u>MATERIAL</u> REINFORCED CONCRETE	<u>CONSTRUCTION</u> BOX CULV-TRIP CELL	<u>LABEL</u>	
<u>SPAN</u> MAIN SPANS-1	<u>COMPOSITE INDICATOR</u> NON-COMPOSITE	<u>LENGTH</u> 13 FT 0 IN			
<u>CONDITION</u> SILT		<u>LOCATION 1</u> THROUGHOUT	<u>LOCATION 2</u>	<u>SEVERITY</u> 5 FT	<u>COMMENT</u>
MAIN SPANS-2	NON-COMPOSITE	13 FT 0 IN			
<u>CONDITION</u> SILT		<u>LOCATION 1</u> THROUGHOUT	<u>LOCATION 2</u>	<u>SEVERITY</u> 3 FT	<u>COMMENT</u>
MAIN SPANS-3	NON-COMPOSITE	13 FT 0 IN			
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>
<u>ASSOCIATED COMPONENT</u> CULVERT TOP SLAB	<u>MATERIAL</u> REINFORCED CONCRETE	<u>CONSTRUCTION</u> CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>	
DELAMINATION	JOINT		MODERATE		
EFFLORESCENCE	THROUGHOUT		MODERATE	(CAMPBL1, 12/20/2011)--AND STALACTITES	
LEACHING	JOINT		MODERATE		
LONGITUDINAL CRACKS	THROUGHOUT		MODERATE		
MAP CRACKS	THROUGHOUT		FINE		
REBAR EXPOSED	JOINT		HEAVY	(CAMPBL1, 12/20/2011)--WEST & CENTER BARRELS	
REBAR SECTION LOSS	JOINT		MINOR		
RUST STAINS	THROUGHOUT		MINOR		
SPALLS	JOINT		HEAVY	(CAMPBL1, 12/20/2011)--WEST & CENTER BARRELS	
CULVERT BOTTOM SLAB	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>	
HEADWALL	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>	
TOEWALL	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>	
SUBSTRUCTURE COMPONENTS					
<u>SUBSTRUCTURE</u> CULVERT WALL-1	<u>SKEW</u> RA-20 DEGREES	<u>MATERIAL</u> REINFORCED CONCRETE	<u>CONSTRUCTION</u> CAST-IN-PLACE-EXT WALL	<u>LABEL</u>	

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		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<u>ASSOCIATED COMPONENT</u>	<u>CONDITION</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
STRAIGHT WINGS		REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>		<u>COMMENT</u>
	VERTICAL CRACKS	RANDOM		FEW		
WALL		REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>		<u>COMMENT</u>
	EFFLORESCENCE	RANDOM		MODERATE		
	LEACHING	THROUGHOUT		MODERATE		(CAMPBL1, 11/10/2015)--@ JOINT
	VERTICAL CRACKS	THROUGHOUT		MODERATE		
CULVERT WALL-2	RA-20 DEGREES	REINFORCED CONCRETE	CAST-IN-PLACE-INT WALL			
	<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>			
STRAIGHT WINGS		REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>		<u>COMMENT</u>
	VERTICAL CRACKS	RANDOM		FEW		
WALL		REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>		<u>COMMENT</u>
	EFFLORESCENCE	THROUGHOUT		MODERATE		
	LEACHING	THROUGHOUT		MODERATE		(CAMPBL1, 11/10/2015)--@ JOINT
	VERTICAL CRACKS	THROUGHOUT		MODERATE		
CULVERT WALL-3	RA-20 DEGREES	REINFORCED CONCRETE	CAST-IN-PLACE-INT WALL			
	<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>			
STRAIGHT WINGS		REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>		<u>COMMENT</u>
	EFFLORESCENCE	THROUGHOUT		MODERATE		
	SPALLS	RANDOM		MINOR		
	VERTICAL CRACKS	THROUGHOUT		FEW		
WALL		REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>		<u>COMMENT</u>
	DELAMINATION	VERTICAL FACE		LARGE		(CAMPBL1, 12/05/2017)--EAST FACE
	EFFLORESCENCE	THROUGHOUT		MODERATE		
	LEACHING	THROUGHOUT		MODERATE		(CAMPBL1, 11/10/2015)--@ JOINT
	RUST STAINS	RANDOM		MODERATE		
	VERTICAL CRACKS	THROUGHOUT		MINOR		
CULVERT WALL-4	RA-20 DEGREES	REINFORCED CONCRETE	CAST-IN-PLACE-EXT WALL			
	<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>			
STRAIGHT WINGS		REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>		<u>COMMENT</u>
WALL		REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>		<u>COMMENT</u>
	EFFLORESCENCE	THROUGHOUT		HEAVY		
	RUST STAINS	RANDOM		MODERATE		
	VERTICAL CRACKS	THROUGHOUT		MODERATE		

OVER/UNDER ROUTES CLEARANCE INFORMATION

		<div>Missouri Department of Transportation</div> <div>State Culvert Inspection Report</div>				<div>June 30, 2021</div> <div>1:48:06PM</div>																																																
COUNTY: ST. LOUIS		DISTRICT: SL		CLASS: STATCUL		FED-ID: 4453		BRIDGE: F0182																																														
<div><div>CLEARANCES OVER DECK</div><div>**NOTE: Vertical clearances for permitting purposes are taken as 2 inches less than the actual field measured clearance.</div><table><thead><tr><th>VERTICAL CLEARANCE TYPE**</th><th>VALUE</th><th>DIRECTION</th><th>DATE</th><th>COMMENT</th></tr></thead></table></div>										VERTICAL CLEARANCE TYPE**	VALUE	DIRECTION	DATE	COMMENT																																								
VERTICAL CLEARANCE TYPE**	VALUE	DIRECTION	DATE	COMMENT																																																		
REQUESTED WORK ITEMS																																																						
GENERAL WORK COMMENTS:																																																						
RESPONSIBILITY		LOCATION		ITEM		CATEGORY		PRIORITY		DATE		WORK ITEM COMMENT																																										
DISTRICT SPECIAL		HEADWALL		STENCIL BRIDGE NUMBER		STENCIL		2		10/18/2005		(MARTEP, 11/15/2005)--STENCIL CORRECT NUMBER																																										
DISTRICT ROUTINE		ALL		CLEAN OUT BARREL		CHANNEL		2		11/07/2017		(CAMPBL1, 01/26/2011)--2011 COE PERMIT																																										
DISTRICT ROUTINE		UPSTREAM & DOWNSTREAM		ALIGN TO STRUCTURE		CHANNEL		2		11/07/2017		(CAMPBL1, 01/26/2011)--2011 COE PERMIT																																										
DISTRICT SPECIAL		SEE COMMENT		MISCELLANEOUS		TOPSLAB		3		11/07/2017		(CAMPBL1, 12/05/2017)--REPAIR TOP SLAB SPALLS																																										
UTILITY ATTACHMENTS																																																						
UTILITY		OWNER		METHOD		MEASUREMENT TYPE		VALUE		NUMBER		UTILITY ATTACHMENT COMMENT																																										
PROGRAM NOTES INFORMATION																																																						
YEAR		PROJECT #		MONTH LET		YEAR LET		ITEMS		COMMENT																																												
COMPUTER GENERATED RATINGS AND DEFICIENCY ITEMS										***ADVANCED SIGN INFORMATION***																																												
<div>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.</div> <table><thead><tr><th>Rated Item</th><th>Rating</th><th>Rating Date</th></tr></thead><tbody><tr><td>[Item 67] Structure Evaluation Rating:</td><td>5-BETTER THAN MINIMUM</td><td>3/19/2002</td></tr><tr><td>[Item 68] Deck Geometry Rating:</td><td>N-NOT APPLICABLE</td><td>5/18/2001</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>59.0%</td><td>3/2/2016</td></tr><tr><td>Deficiency:</td><td>NOT DEFICIENT</td><td>5/18/2001</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></tbody></table> <div>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.</div>										Rated Item	Rating	Rating Date	[Item 67] Structure Evaluation Rating:	5-BETTER THAN MINIMUM	3/19/2002	[Item 68] Deck Geometry Rating:	N-NOT APPLICABLE	5/18/2001	[Item 69] Underclearance:	N-NOT APPLICABLE	5/18/2001	Sufficiency Rating:	59.0%	3/2/2016	Deficiency:	NOT DEFICIENT	5/18/2001	Funding Eligibility:		----	Estimated New Structure Length:		----	Estimated Structure Cost:		----	Estimated Total Project Cost:		----	Year of Cost Estimate:		----	<table><thead><tr><th>SIGN #</th><th>SIGN TYPE</th><th>PROBLEM</th><th>PROBLEM DIRECTION</th></tr></thead><tbody><tr><td>1</td><td></td><td></td><td></td></tr></tbody></table>				SIGN #	SIGN TYPE	PROBLEM	PROBLEM DIRECTION	1			
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1																																																						
										OUTFALL INSPECTION INFORMATION																																												
										# OUTFALLS: 4INSPECTOR: ZACHARY EVANS																																												
										STATUS: PASSDATE: 11/08/2019																																												
										NOTES: (1) 15" RCP @ SOUTH END WEST WALL(2) CREEK FEEDING INTO CHANNEL UPSTREAM(3) 48" RCP @ NE QUAD																																												

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