

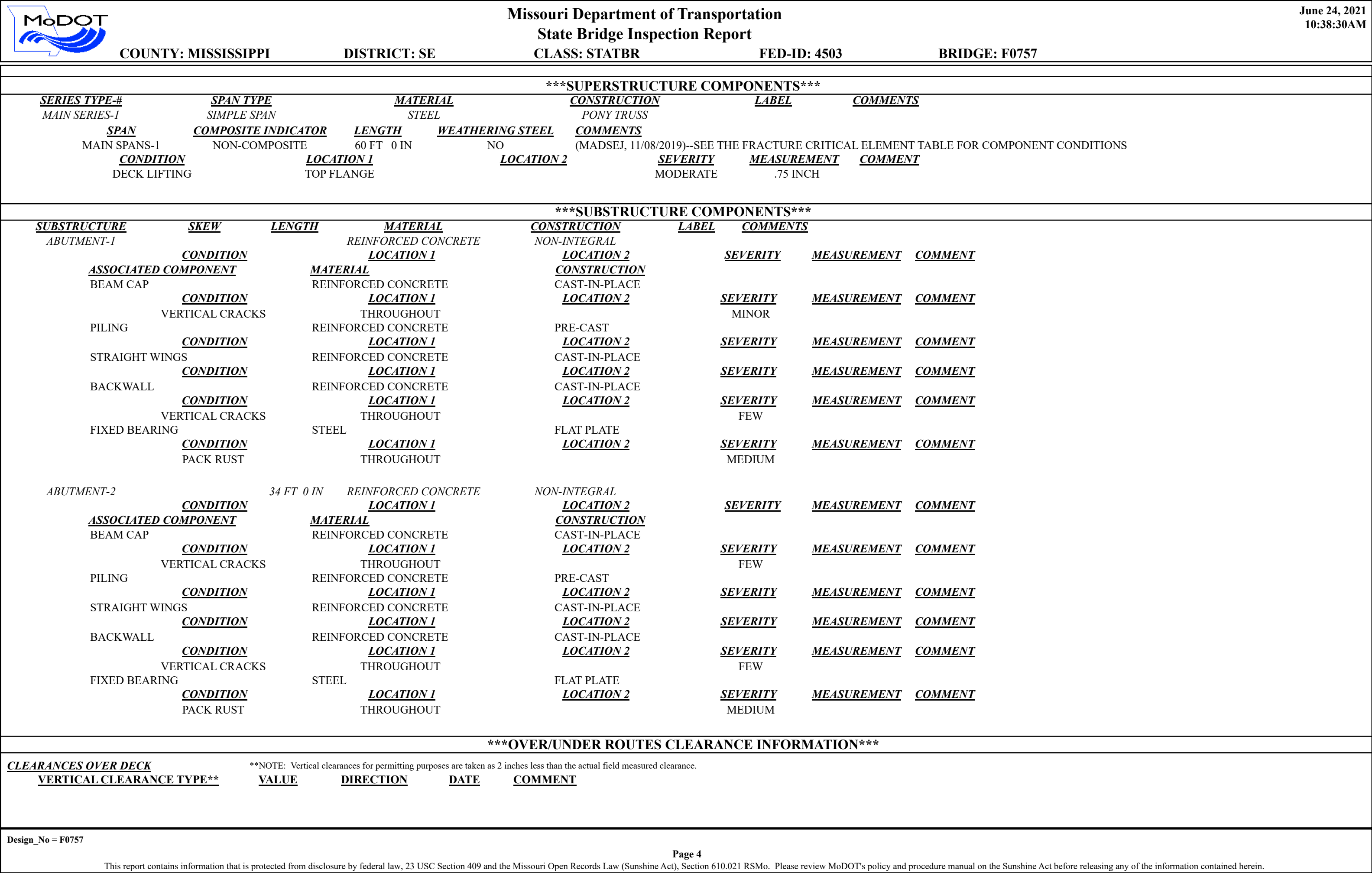


		Missouri Department of Transportation				June 24, 2021							
		State Bridge Inspection Report				10:38:30AM							
COUNTY: MISSISSIPPI		DISTRICT: SE		CLASS: STATBR		FED-ID: 4503							
						BRIDGE: F0757							
GENERAL STRUCTURE INFORMATION						***BRIDGE INSPECTION INFORMATION***							
ROUTE: MO75S FEATURE: DRAIN DTCH #14 STATUS: A-OPEN LOG MILE: 0.526 DETOUR: 12.00 MILES NHS: NO BUILT: 1922 REHAB: 1954 LOCATION: S 8 T 25 R 16 E LATITUDE: 36 49 36.21 (DMS) LONGITUDE: 89 20 48.30 (DMS)		# SPANS: 1 LANES ON: 2 LANES UNDER: 0 COMPASS DIRECTION: WEST to EAST DIRECTION OF TRAFFIC: 2-WAY TRAF FUNCTIONAL CLASS: RL-MAJOR COLLECTOR NBI OWNER: MODOT NBI MAINTAINED: MODOT MAINTENANCE DISTRICT: SE MAINTENANCE COUNTY: MISSISSIPPI SUB AREA: 7H09		PLACE CODE: 64406 ST. JAMES LENGTH: 64 FT 0 IN MAXIMUM SPAN: 60 FT 0 IN APPROACH ROADWAY: 19 FT 0 IN CURB TO CURB: 20 FT 0 IN OUT TO OUT: 21 FT 0 IN AADT: 731 AADT YEAR: 2020 AADT TRUCK: 11.2% FUTURE AADT: 1023 FUTURE AADT YEAR: 2040		DATE: 10/29/2019 RESPONSIBILITY: BRIDGEDIV							
						FREQUENCY: 24 CALCULATED INTERVAL**: 24							
						TEAM LEADER: STEVEN EALEY ELEMENT: NO							
				INSPECTOR 2: JAMES R PICKETT INSPECTOR 4:									
				INSPECTOR 3:									
				** When calculated interval exceeds the frequency, a justification comment per BIRM is required.									
FRACTURE CRITICAL INSPECTION INFORMATION						***INDEPTH INSPECTION INFORMATION***							
DATE: 10/29/2019 RESPONSIBILITY: BRIDGEDIV CATEGORY: PONY TRUSS				DATE: RESPONSIBILITY: CATEGORY:									
FREQUENCY: 24 CALCULATED INTERVAL**: 24 NBI: YES				FREQUENCY: CALCULATED INTERVAL**: NBI:									
TEAM LEADER: STEVEN EALEY INSPECTOR 3: METHOD: CLIMBER				TEAM LEADER: INSPECTOR 3: METHOD:									
INSPECTOR 2: JAMES R PICKETT 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.									
FRACTURE CRITICAL INSPECTION COMMENTS				INDEPTH INSPECTION COMMENTS									
SPECIAL INSPECTION INFORMATION						***UNDERWATER INSPECTION INFORMATION***							
DATE: 10/29/2013 RESPONSIBILITY: BRIDGEDIV CATEGORY: CHANNEL CROSS SEC				DATE: 10/06/2015 RESPONSIBILITY: BRIDGEDIV CATEGORY: DRY									
FREQUENCY: 120 CALCULATED INTERVAL**: NBI: NO				FREQUENCY: 60 CALCULATED INTERVAL**: NBI: NO									
TEAM LEADER: INSPECTOR 3: ANTHONY R HEMEN (NTLC) METHOD: WT TAPE				TEAM LEADER: TERRY L SHUNAMON INSPECTOR 3: METHOD:									
INSPECTOR 2: LARRY DIAZ 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
08/25/2009	999	GUSSET PLATES	NO			CLIMBER							
Design_No = F0757													
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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, 05/01/2007)--OLD (60') PONY TRUSS SPAN							
[ITEM 58] DECK: 6-SATISFACTORY CONDITION				COMMENTS: (MADSEJ, 11/08/2019)--APPROXIMATELY 30% SATURATION, DELAMINATIONS, AND PATCHES THROUGHOUT THE DECK.			
RATING : 05/18/2001							
[ITEM 59] SUPER: 4-POOR CONDITION				COMMENTS: (MADSEJ, 11/08/2019)--ADVANCED SECTION LOSS (50%) ON THE OUTER ANGLE AND MODERATE SECTION LOSS (30%) ON THE INNER ANGLE OF THE			
RATING : 11/04/2019				NORTH TRUSS LOWER CHORD AT THE L2' LOWER GUSSET PLATE.			
[ITEM 60] SUB: 7-GOOD CONDITION				COMMENTS: (MADSEJ, 11/08/2019)--A FEW VERTICAL CRACKS THROUGHOUT ABUTMENT BEAMCAPS			
RATING : 05/18/2001							
[ITEM 61] BANK/CHANNEL: 7-MINOR DAMAGE				COMMENTS: (MADSEJ, 11/08/2019)--MINOR BANK EROSION UNDER THE BRIDGE THROUGHOUT THE ABUTMENT SPILL FILL.			
RATING : 11/08/2019							
[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 : 02/24/2004		COMMENTS:					
<u>MATERIAL</u>		<u>CONSTRUCTION</u>		<u>DIRECTION</u>		<u>COMMENTS</u>	
REINFORCED CONCRETE		CURB		BOTH			
STEEL		CHANNEL-DOUBLE		BOTH			
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	
COLLISION DAMAGE		ROADWAY FACE				MODERATE	
						COMMENT	
						(FINLEM, 02/24/2010)--N.E. & S.E. CORNERS	
						(LAMBEJ1, 11/10/2011)--S.W. CORNER	
[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 = F0757							
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[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>	
ASPHALT		BITUMINOUS MAT		BOTH			
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	
DETERIORATION		DRIVING SURFACE				MODERATE	
TRANSVERSE CRACKS		DRIVING SURFACE				MANY	
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		ASPHALT		BITUMINOUS SEAL COAT	
<u>COMMENT:</u>							
		DECK PROTECTION		NOTAPPLICABLE		NONE	
<u>COMMENT:</u>							
		MEMBRANE		NOTAPPLICABLE		NONE	
<u>COMMENT:</u>							
<u>DRAINAGE COMPONENTS:</u>							
<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>		<u>DIRECTION</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>	
ABUTMENT-1				CLOSED EXPANSION JOINT		ASPHALT	
<u>COMMENT:</u>							
ABUTMENT-2				CLOSED EXPANSION JOINT		ASPHALT	
<u>COMMENT:</u>							
<u>BANK/SLOPE PROTECTION COMPONENTS:</u>							
<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>		<u>DIRECTION</u>	
BANK PROTECTION		ROCK		BLANKET		EAST	
BANK PROTECTION		ROCK		GROUTED		WEST	
DECK COMPONENTS							
<u>SPAN TYPE-#</u>		<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>	
MAIN SPANS-1		DECK		REINFORCED CONCRETE		CAST-IN-PLACE	
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	
DETERIORATION		EDGE				MINOR	
SATURATION		THROUGHOUT				MODERATE	
TRANSVERSE CRACKS		THROUGHOUT				FEW	
						30 %	
Design_No = F0757							
Page 3							
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<div><div>CLEARANCES UNDER BRIDGE</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>RECORD #</th><th>ROUTE</th><th># LANES</th><th>DIRECTION OF TRAFFIC</th><th>RIGHT LATERAL CLEARANCE</th><th>LEFT LATERAL CLEARANCE</th><th>UR-ID</th></tr></thead><tbody><tr><td>VERTICAL CLEARANCE TYPE**</td><td>VALUE</td><td>DIRECTION</td><td>DATE</td><td>COMMENT</td><td></td><td></td></tr></tbody></table></div>										RECORD #	ROUTE	# LANES	DIRECTION OF TRAFFIC	RIGHT LATERAL CLEARANCE	LEFT LATERAL CLEARANCE	UR-ID	VERTICAL CLEARANCE TYPE**	VALUE	DIRECTION	DATE	COMMENT																																					
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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 #	
					SIGN TYPE	
					PROBLEM	
					PROBLEM DIRECTION	
<u>Rated Item</u>						
<u>Rating</u>						
<u>Rating Date</u>						
[Item 67] Structure Evaluation Rating: 4-MEETS MINIMUM TOLERABLE 3/25/2002						
[Item 68] Deck Geometry Rating: 3-BASICALLY INTOL CORRECT 3/25/2002						
[Item 69] Underclearance: N-NOT APPLICABLE 5/18/2001						
Sufficiency Rating: 25.1% 11/4/2019						
Deficiency: STRUCTURAL 11/4/2019						
Funding Eligibility: FULL ----						
Estimated New Structure Length: 89 FT. ----						
Estimated Structure Cost: \$309,666 ----						
Estimated Total Project Cost: \$464,499 ----						
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:	