Newfoundland Labrador	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B09102021-3					
Date: 8/26/2021	Inspected By: Michael	Button	Category: Office - Bridge Office					
BRIDGE INFORMATION								
Site:	1-051 - MOBILE RIVER E	BRIDGE						
Route:			(Overall Leng	th:	20.4 m		
Year Built:	1967	Est: Yes	(Overall Widt	h:	9.4 m		
Year Last Rehab.:	2000	Est: Yes	F	Roadway Wi	dth:	0 m		
Region:	AVALON PENINSULA		5	Sidewalk Width:		0 m		
Jurisdiction:	Provincial			Clearance to R.D. or N.W.L.:		0 m		
Type of Structure:	02 - Double Tee		I	/lax Depth o	f N.W.L.:	0 m		
Purpose of Structure:	04 - Over Non-Navigable	Waters	5	Spans:				
Гуре of Handrail:	01 - Aluminum Rail			Span No.:	<u>Length</u>	Span No.:	Length	
Roadway Surface:	02 - Asphalt			1	14.7	4	0	
Alignment Vertical:	02 - Adequate		:	2	0	5	0	
Alignment Horizontal:	02 - Adequate		;	3	0	6	0	
Restrictions:	No							
SUBSTRUCTURE	03.02.2006 11:33							
Condition:	P3 - Poor		ings:	P3 - F				
		Bear	ing Seat:	F1 - F	air			
Comments:	 Northwest wingwall has propagating to the expan abutment has very mild s Plates severely corroded expansion joints from war 	ision joint with effloresc cour Only southeast , assuming rest of bear	ent deposits, P3. and northwest be ings are in similar	- Both abutm aring plates condition, P	ient have s could be vi	ome mild crac ewed due to d	king. Nort	
SUPERSTRUCTURE								
Condition:	P3 - Poor	Expa	ansion Joints:	U - Ui	ninspectab	le		
Comments:	- Rust and efflorescence leakage evident between all precast double tee panel joints, P3. This leakage is accelerating deterioration even on interior double tees. First two interior double tee pre-cast panels have large spalls and large cracks about to become spalls with exposed stressing strands with med corrosion. Cables still intact Underside of deck between pre-cast tees, F1 Northwest double tee has a med to large spall with an							

	exposed stressing strand with severe corrosion Heavy efflorescent leakage on exterior downstream double tee at mid-span.								
DECK									
Condition:	F1 - Fair	Cu	ırbs:	F1 - Fair					
Hand Rail:	F2 - Fair	Ro	adway Condition:	F1 - Fair					
Approach Rail:	P3 - Poor								
Comments:	- Both the upstream and downstream fascias have light weathering, F2 Approach and exit rails are connected to end blocks and have hazard markers. However, they have some impact damage, P3 Numerous deck drains patched over with rust-stain leakage showing around patches Southeast end block has medium deterioration. Concerns over condition of the deck under the asphalt. There is a lot of leakage between pre-cast panels.								
HYDROLOGY									
Water Velocity:	0.7 m/s		Problem:	N - No Problem					
Water Depth:	0.3 m		our Problem:	P - Possible Pr	oblem				
Waterway:	01 - Adequate		bris Problem:	N - No Problem					
Comments:	- Very mild scour to nort	h abutment							
REPLACEMENT/REHAB									
Next Rehab. Date:		Re	placement Year:	2026					
Antic. Rehab. Cost:	\$0	Re	placement Cost:	\$1000000					
Recommendations:	- Evaluate a replacement. Spalls around strands difficult/impossible to fix. Abutments are ok but have been re- habbed. Double tees, bearings and possibly the deck are on the way out.								
OBSERVATIONS									
Overall Condition:	P3 - Poor		quires Further	No					
Additional Observations:	- P3 double tees impacte are slippery rocks, steep								
EGEND: condition Definitions: 1 - "Good - [discontinued code]. 2 - "Fair - [discontinued code]. 3 - "Poor - [discontinued code]. 4 - "Unsafe - [discontinued code]. G - Good. PHOTO GUIDELINES: nspection Photos: Please provide photos using guidelin Any term which inspector i All items noted above as b Any evidence of known ice	F2 - Fair. F1 - Fair. P3 - Poor. P1 - Poor. P - Poor. P - Poor. ens shourd be documented by pn eng P3, P1, P, or C	C - Unsafe (Closed to Publ U - Uninspectable. I - Inapplicable. otograpn S	ic). N - N P - P K - K	olem Definitions: No Problem. Ossible Problem. Known Problem. Not Applicable.	Category Definitions: Maint Maintenance. Eng Engineering. Office - Bridge Office.				