Newfoundland Labrador	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGI	BRIDGE INSPECTION REPORT B06182021-8 Category: Eng Engineering				
Date: 1/16/2020	Inspected By: Hunt R							
BRIDGE INFORMATION	I							
Site:	1-027 - PETTY HARBOL	IR BRIDGE						
Route:			0	verall Leng	gth:	39.7 m		
Year Built:	1986	Est: No	0	Overall Width:10.3 mRoadway Width:8.1 mSidewalk Width:0 m		10.3 m		
Year Last Rehab.:		Est: No	R			8.1 m	8.1 m	
Region:	AVALON PENINSULA		S					
Jurisdiction:	Provincial		-	Clearance to R.D. or N.W.L.: 2.5 m				
Type of Structure:	01 - AASH to Girder		Μ	lax Depth o	f N.W.L.:	0.5 m		
Purpose of Structure:	04 - Over Non-Navigable	Waters		pans:				
Type of Handrail:	01 - Aluminum Rail			pan No.:	Length	Span No.:	Length	
Roadway Surface:	02 - Asphalt		1		26	4	0	
Alignment Vertical:	01 - Good		2		0	5	0	
Alignment Horizontal:	02 - Adequate		3		0	6	0	
Restrictions:	No							
BRIDGE PHOTOS			-					
SUBSTRUCTURE	B-02-2006-15-16		01-02-2001 15-15					
SUBSTRUCTURE	F1-Fair	Bear	OF 02.0005 15 15	F2 - F	-air			
BRIDGE PHOTOS	F1-Fair		08: 102: 2000: 10: 15: ings:	F2 - F F2 - F				
SUBSTRUCTURE	F1 - Fair F1 - bottom of east abutt footings Severe to Mea exposed rebar Abutme	Bear nent, F2 remainder As dium erosion along botto	ing Seat: sumed condition m face of east ab	F2 - F of buried re utment with	air inforced co			
SUBSTRUCTURE Condition: Comments:	F1 - bottom of east abute footings Severe to Mee	Bear nent, F2 remainder As dium erosion along botto	ing Seat: sumed condition m face of east ab	F2 - F of buried re utment with	air inforced co			
SUBSTRUCTURE Condition:	F1 - bottom of east abute footings Severe to Mee	Bear ment, F2 remainder As dium erosion along botto ents and wingwalls remai	ing Seat: sumed condition m face of east ab	F2 - F of buried re utment with	air inforced cc light to me			
SUBSTRUCTURE Condition: Comments:	F1 - bottom of east abute footings Severe to Mea exposed rebar Abutme	Bear ment, F2 remainder As dium erosion along botto ents and wingwalls remain Expa n bottom flanges of both tterior girder Medium a	ing Seat: sumed condition m face of east ab n in fairly good co nsion Joints: exterior girders brasion to expans	F2 - F of buried re utment with ndition. F2 - F Medium sp sion joint da	Fair light to me Fair alling to bo	ttom of stress	on to	

F2 - Fair	Curbs:	F2 - Fair				
P1 - Poor	Roadway Conditio	n: F2 - Fair				
P1 - Poor						
Handrail P1 NE End - Medium trans./ long. cracks with light efflor. deposits indeck soffit Narrow vert. cracks with light efflor. deposits in deck/ curb fascia Damage to aluminum handrail and top rail missing, NE corner Light scrapes, dents, end caps and sleeve missing on remaining handrail Southwest and southeast guiderail has medium damage, tipping, and decaying posts Potholes in deck and approaches have been patched.						
0.3 m/s	Ice Problem:	N - No Problem				
0.6 m	Scour Problem:	P - Possible Problem				
01 - Adequate	Debris Problem:	P - Possible Problem				
- Type III rip-rap in front of abutments at south corner continues to migrate -Extra Hydraulic rip rap required alon face of east abutment						
ILITATION						
2022	Replacement Year	2021				
\$60000	Replacement Cost	\$1800000				
 Clean out expansion joint seals, chalk expansion gaps in deck/ curb fascia. Install missing hazard markers an clean out deck drains. Install new app./ exit guiderail c/w hazard markers. Repair damaged and missing handrail and install new rip-rap in front of abutments. Resurface deck and west approach. 						
P1 - Poor	Requires Further Inspection:	No				
- P1 (aluminum handrail/ g	uiderail) P3 (west approach/ deck a	asphalt) F2 (remainder).				
F1 - Fair. U	C - Unsafe (Closed to Public). U - Uninspectable. I - Inapplicable.	Problem Definitions: Category Definitions: I - No Problem. Maint Maintenance. • Possible Problem. Eng Engineering. K - Known Problem. Office - Bridge Office. A - Not Applicable.				
	P1 - Poor P1 - Poor Handrail P1 NE End - Med with light efflor. deposits in Light scrapes, dents, end of has medium damage, tippi 0.3 m/s 0.6 m 01 - Adequate - Type III rip-rap in front of face of east abutment ILITATION 2022 \$60000 - Clean out expansion joint clean out deck drains Ins handrail and install new rip P1 - Poor - P1 (aluminum handrail/ g	P1 - Poor Roadway Condition P1 - Poor Roadway Condition P1 - Poor Handrail P1 NE End - Medium trans./ long. cracks with light efflor. deposits in deck/ curb fascia Damage to alum Light scrapes, dents, end caps and sleeve missing on remaining has medium damage, tipping, and decaying posts Potholes in 0.3 m/s Ice Problem: 0.6 m Scour Problem: 01 - Adequate Debris Problem: 01 - Adequate Debris Problem: 01 - Adequate Debris Problem: 2022 Replacement Year \$60000 Replacement Cost - Clean out expansion joint seals, chalk expansion gaps in deck clean out deck drains Install new app./ exit guiderail c/w haza handrail and install new rip-rap in front of abutments Resurfact P1 - Poor Requires Further Inspection: P1 - Poor Requires Further Inspectable.				

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2021.