

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B06142018-2	
Date: 3/6/2018	Inspected By: RH	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	1-154 - SALMON COVE POND		
Route:		Overall Length:	28 m
Year Built:	1960	Est: No	Overall Width: 8.9 m
Year Last Rehab.:		Est: No	Roadway Width: 0 m
Region:	AVALON PENINSULA	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	1.8 m
Type of Structure:	01 - AASH to Girder	Max Depth of N.W.L.:	0 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	01 - Aluminum Rail	Span No.:	Length
Roadway Surface:	02 - Asphalt	1	18
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	02 - Adequate	3	0
Restrictions:	No	Span No.:	Length
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F1 - Fair	Bearings:	F2 - Fair
		Bearing Seat:	F2 - Fair
Comments:	- Assumed condition of buried and submerged concrete abutment footings. - Medium erosion along bases of both abutments. - Medium/ wide horiz./ vert. cracks in abutment faces with light efflor. deposits. - Severe scaling to top outside faces of NE, SE and SW wingwalls. - Medium/ severe spalling and disintegration to NW wingwall and creep block and curtain wall.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair
Comments:	- Light to medium spalling to ends of some girders. - Narrow horiz. cracks along flanges of exterior girders. - Light damage to south expansion joint.		
DECK			

Condition:	F2 - Fair	Curbs:	F2 - Fair
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair
Approach Rail:	F2 - Fair		
Comments:	- Narrow transverse cracks in deck soffit and cantilevered deck soffit. - Narrow horiz. cracks in deck/ curb fascia. Numerous map cracks in exposed deck and approach slabs. - Medium abrasion and light spalling to curb faces and interior fascia. Light damage to SE curb. - Light scrapes, dents, and end caps missing on aluminum handrails.		

HYDROLOGY

Water Velocity:	0.2 m/s	Ice Problem:	N - No Problem
Water Depth:	0.4 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:			

REPLACEMENT/REHABILITATION

Next Rehab. Date:	2020	Replacement Year:	2025
Antic. Rehab. Cost:	\$30	Replacement Cost:	\$1500
Recommendations:	Repair all concrete defects. - Re-inspect south expansion joint for leakage.		

OBSERVATIONS

Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	- Unchanged from previous inspection in 2015.		

LEGEND:

Condition Definitions:			Problem Definitions:	Category Definitions:
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	N - No Problem.	Maint. - Maintenance.
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	P - Possible Problem.	Eng. - Engineering.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	K - Known Problem.	Office - Bridge Office.
4 - *Unsafe - [discontinued code].	P1 - Poor.		NA - Not Applicable.	
G - Good.	P - Poor.			

PHOTO GUIDELINES:

Inspection Photos:

Please provide photos using guidelines below:

- Any item which inspector feels should be documented by photograph
- All items noted above as being P3, P1, P, or C
- Any evidence of known ice, scour, debris, waterway problems

INSPECTION PHOTOS