Newfoundland Labrador	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B06132018-8				
Date: 3/6/2018	Inspected By: Chris	Lyver	Category: Eng Engineering				
BRIDGE INFORMATION							
Site:	1-105 - SMOOTH COV	E BRIDGE					
Route:			(Overall Leng	jth:	10.2 m	
Year Built:	1960	Est: No	(Overall Widt	h:	11.8 m	
Year Last Rehab.:		Est: No	i	Roadway Wi	dth:	6 m	
Region:	AVALON PENINSULA	-		0 m			
Jurisdiction:	Provincial			Clearance to R.D. or N.W.L.:		1 m	
Type of Structure:	04 - Rigid Frame		r	Max Depth o	f N.W.L.:	0.3 m	
Purpose of Structure:	04 - Over Non-Navigab	le Waters	\$	Spans:			
Type of Handrail:	02 - Concrete Rail			Span No.:	<u>Length</u>	Span No.:	Length
Roadway Surface:	02 - Asphalt		-	1	3.7	4	0
Alignment Vertical:	01 - Good		:	2	0	5	0
Alignment Horizontal:	02 - Adequate		:	3	0	6	0
Restrictions:	No						
SUBSTRUCTURE			24.02.2006 11:34				
Condition:	F1 - Fair	De			nnliachla		
	1 1 - Fall		arings:		pplicable		
Comments:		lue to low clearance an		I - Inapplicable Structure has 1 U/S extension and 2 D/S			
SUPERSTRUCTURE	extensions Assumed	Condition of Duriea/ SU	umergeu frame leg	iooungs.			
 P41 	F1 - Fair		pansion Joints:		pplicable		
Condition:	- Horizontal construction joints opening up Medium/ wide vert. cracks with light efflor. deposits in frame legs esp. at construction joints with extensions Light spalling to faces of U/S wingwalls Severe delamin./ spalling/ disintegration along top of SE wingwall under curb Narrow alligator/ map cracking with light efflor. deposits to faces of D/S wingwalls.						
Condition: Comments:	esp. at construction joir disintegration along top	nts with extensions Li o of SE wingwall under	ght spalling to face				

Condition:	F1 - Fair	Curbs:	P1 - Poor				
Hand Rail:	P1 - Poor	Roadway Condition:	P1 - Poor				
Approach Rail:	I - Inapplicable						
Comments:	fascia Still no hazard marke curb fascia Medium honeyc construction joints with extens ends Numerous medium ho	Severe delamin./ spalling/ disintegra rrs at SE/ NE ends of structure Mediu ombing and narrow trans. cracks with sions Medium/ severe spalling/ disint riz./ vert. cracks and severe spalling/ o n asphalt on approaches and over top o	um delamin./ spalling to U/ light efflor. deposits in decl egration to inter. curb fasc disintegration continues to	S exterior deck/ k soffit esp. at ia, surfaces, and D/S handrail			
HYDROLOGY							
Water Velocity:	0.1 m/s	Ice Problem:	N - No Problem				
Water Depth:	0.6 m	Scour Problem:	N - No Problem				
Waterway:	01 - Adequate	Debris Problem:	P - Possible Problem				
Comments:	- Medium shoulder erosion SE/SW ends of structure.						
REPLACEMENT/REHAB	ILITATION						
Next Rehab. Date:	2018	Replacement Year:	2030				
Antic. Rehab. Cost:	\$80	Replacement Cost:	\$450				
Recommendations:	- Repair all concrete defects Install new handrails, end blocks, guiderail and rip-rap In the interim, install hazard markers at NE/SE ends of structure (maint).						
OBSERVATIONS							
Overall Condition:	P1 - Poor	Requires Further Inspection:	No				
Additional Observations:	- P1 (D/S deck/ curb fascia, handrail and curb) F1 (remainder) Unchanged from 2009 and 2015 inspection.						
EGEND: ondition Definitions: 1 - *Good - [discontinued code]. 2 - *Fair - [discontinued code]. 3 - *Poor - [discontinued code]. 4 - *Unsafe - [discontinued code]. G - Good. HOTO GUIDELINES: Ispection Photos: Please provide photos using guidelir All items noted phove as b All items noted phove as b All items conted phove as b	F1 - Fair. Ú - Ú	Insafe (Closed to Public). N - No Ininspectable. P - Pos applicable. K - Knc NA - No	sible Problem. Eng E	ry <u>Definitions:</u> Maintenance. Engineering. Bridge Office.			
- Any evidence of knowillice	, coour, acons, waterway problems						