

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	<b>BRIDGE INSPECTION REPORT</b> <b>B07232018-10</b>	
<b>Date:</b> 5/1/2018	<b>Inspected By:</b> Chris Lyver	<b>Category:</b> Eng. - Engineering	
<b>BRIDGE INFORMATION</b>			
<b>Site:</b>	1-339 - LESTERS FIELD OVERPASS SERVICE RD		
<b>Route:</b>	3	<b>Overall Length:</b>	18.9 m
<b>Year Built:</b>	1999	<b>Est:</b> No	<b>Overall Width:</b> 13.5 m
<b>Year Last Rehab.:</b>		<b>Est:</b> No	<b>Roadway Width:</b> 12.6 m
<b>Region:</b>	AVALON PENINSULA	<b>Sidewalk Width:</b>	0 m
<b>Jurisdiction:</b>	Provincial	<b>Clearance to R.D. or N.W.L.:</b>	4.4 m
<b>Type of Structure:</b>	04 - Rigid Frame	<b>Max Depth of N.W.L.:</b>	0 m
<b>Purpose of Structure:</b>	01 - Highway Grade Separation	<b>Spans:</b>	
<b>Type of Handrail:</b>	05 - Concrete Barrier	<u>Span No.:</u>	<u>Length</u>
<b>Roadway Surface:</b>	02 - Asphalt	1	6.4
<b>Alignment Vertical:</b>	01 - Good	2	0
<b>Alignment Horizontal:</b>	01 - Good	3	0
<b>Restrictions:</b>	No	<b>Span No.:</b>	<b>Length</b>
		4	0
		5	0
		6	0
<b>BRIDGE PHOTOS</b>			
			
<b>SUBSTRUCTURE</b>			
<b>Condition:</b>	F2 - Fair	<b>Bearings:</b>	I - Inapplicable
		<b>Bearing Seat:</b>	I - Inapplicable
<b>Comments:</b>	- Assumed condition of buried frame leg footings and approach slabs.		
<b>SUPERSTRUCTURE</b>			
<b>Condition:</b>	F2 - Fair	<b>Expansion Joints:</b>	I - Inapplicable
<b>Comments:</b>	- Medium vertical cracks in faces of frame legs. - Narrow vert. cracks with light efflor. deposits in faces of 4 wingwalls.		
<b>DECK</b>			
<b>Condition:</b>	F2 - Fair	<b>Curbs:</b>	F2 - Fair
<b>Hand Rail:</b>	F2 - Fair	<b>Roadway Condition:</b>	F2 - Fair

**Approach Rail:** P1 - Poor

**Comments:** - Narrow long. cracks with light efflor. deposits in deck soffit. - No hazard markers. Post still in place at SE end. - Narrow vert. cracks with light efflor. deposits in barrier walls and end blocks. - Deck and approaches resurfaced since last inspection. - Medium transvers cracks in NE/NW rock embedded gutters. - Tops of NE/NW rock embedded gutters undermined exposing guideposts. - Various areas of damage to approach and exit guiderail (dents, buckling, cracked/tipped posts and shifted off set blocks.

**HYDROLOGY**

<b>Water Velocity:</b>	0 m/s	<b>Ice Problem:</b>	NA - Not Applicable
<b>Water Depth:</b>	0 m	<b>Scour Problem:</b>	NA - Not Applicable
<b>Waterway:</b>	03 - Not Applicable	<b>Debris Problem:</b>	NA - Not Applicable
<b>Comments:</b>			

**REPLACEMENT/REHABILITATION**

<b>Next Rehab. Date:</b>	2018	<b>Replacement Year:</b>	2049
<b>Antic. Rehab. Cost:</b>	\$20	<b>Replacement Cost:</b>	\$500
<b>Recommendations:</b> - Repair/ replace damaged app./ exit guiderail c/w new hazard markers (maint). - Repair undermining of rock embedded gutters. - Clean up ditch lines at inlets/ outlets of 500mm C.I.P. pipes at west end of structure. - Paint over graffiti on frame legs and wingwalls. - Monitor shifting SW gabion wall.			

**OBSERVATIONS**

<b>Overall Condition:</b>	F1 - Fair	<b>Requires Further Inspection:</b>	No
<b>Additional Observations:</b> - Fair amount of graffiti still exists on frame legs and wingwalls. - SW gabion wall continues to bulge and shift closer to ditch. - Fair amount of sediment and garbage around 500mm C.I.P. inlets and outlets along west end of structure on farm road. - Curbs on farm road partially buried.			

**LEGEND:**

<b>Condition Definitions:</b>			<b>Problem Definitions:</b>	<b>Category Definitions:</b>
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**