

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B06282019-1	
Date: 6/28/2019	Inspected By: lyver C	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	1-331 - HALLSTOWN OVERPASS (CBN)		
Route:	75	Overall Length:	30.5 m
Year Built:	1997	Est: No	Overall Width: 14 m
Year Last Rehab.:		Est: No	Roadway Width: 13.2 m
Region:	AVALON PENINSULA	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	4.8 m
Type of Structure:	04 - Rigid Frame	Max Depth of N.W.L.:	0 m
Purpose of Structure:	01 - Highway Grade Separation	Spans:	
Type of Handrail:	05 - Concrete Barrier	Span No.:	Length
Roadway Surface:	02 - Asphalt	1	13
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No	Span No.:	Length
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	I - Inapplicable
		Bearing Seat:	I - Inapplicable
Comments:	Assumed condition of buried reinforcement concrete frame leg footings. Some light spalling with light rusting to exposed reinforcement in frame legs.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Medium vertical cracks in faces of frame legs. Cracks extended up into deck handles. Narrow vertical horizontal alligator cracks in 4 wingwalls.		
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair

Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair
Approach Rail:	F2 - Fair		
Comments:	Narrow longitudinal cracks with light efflor deposits in deck soffit. Medium vertical cracks and hairline alligator cracks in deck curb fascias. Asphalt on route 75 has rusting and transverse cracks along approach slab. Numerous vertical cracks in concrete barrier walls. Narrow alligator cracking in barrier wall end blocks.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	NA - Not Applicable
Water Depth:	0 m	Scour Problem:	NA - Not Applicable
Waterway:	03 - Not Applicable	Debris Problem:	NA - Not Applicable
Comments:	Asphalt on hallstown road in good condition. Hazard markers on left side of route 75 missing.		
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2022	Replacement Year:	2047
Antic. Rehab. Cost:	\$100	Replacement Cost:	\$1000
Recommendations:	Repair rail, asphalt on route 75 and install missing hazard markers.		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	Unchanged from previous inspection 2015.		
LEGEND:			
Condition Definitions:		Problem Definitions:	
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	N - No Problem.
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	P - Possible Problem.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	K - Known Problem.
4 - *Unsafe - [discontinued code].	P1 - Poor.		NA - Not Applicable.
G - Good.	P - Poor.		
Category Definitions:			
		Maint. - Maintenance.	
		Eng. - Engineering.	
		Office - Bridge Office.	
PHOTO GUIDELINES:			
Inspection Photos:			
Please provide photos using guidelines below:			
<ul style="list-style-type: none"> ● 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			