

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B06192019-4	
Date: 6/19/2019	Inspected By: Pickett R	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	1-335 - TILTON OVERPASS CBN BY-PASS		
Route:	75	Overall Length:	32.9 m
Year Built:	2002	Est: No	Overall Width: 14.01 m
Year Last Rehab.:		Est: No	Roadway Width: 13.1 m
Region:	AVALON PENINSULA	Sidewalk Width:	1.5 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	5.4 m
Type of Structure:	05 - Pre-stressed Concrete Slab	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:	01 - Concrete	1	26.3
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:	G - Good	Bearings:	F2 - Fair
		Bearing Seat:	F2 - Fair
Comments:	Narrow crack in footing and abutments with light effloresce deposits. Narrow cracks with efflor deposits on ballast walls outside steel pot bearings have moderate rust. Remainder has light rust.		
SUPERSTRUCTURE			
Condition:	G - Good	Expansion Joints:	F2 - Fair
Comments:	Light effloresce deposits on exterior soffit. Light rust on safety railing. Narrow cracks in barrier wall with effloresce. Alligator and narrow cracks in end blocks.		
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair

Hand Rail:	G - Good	Roadway Condition:	F2 - Fair
Approach Rail:	F2 - Fair		
Comments:	Curb and gutter on new handrail barrens route 73 has medium narrow cracks concrete gutter undermined on south side.		
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:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2035	Replacement Year:	2077
Antic. Rehab. Cost:	\$100	Replacement Cost:	\$1000
Recommendations:			
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	1 hazard marker missing.		
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			

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