

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B11062015-1	
Date: 10/4/2015	Inspected By: Rodger Hussey	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	TCH-144 - HARBOUR ARTERIAL OVERPASS WEST		
Route:		Overall Length:	71.7 m
Year Built:	1984	Est: No	Overall Width: 0 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.:	0 m
Type of Structure:	01 - AASH to Girder	Max Depth of N.W.L.:	0 m
Purpose of Structure:	01 - Highway Grade Separation	Spans:	
Type of Handrail:	01 - Aluminum Rail	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt	1	30.5
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No	4	0
		5	0
		6	0
BRIDGE PHOTOS			
SUBSTRUCTURE			
Condition:	F1 - Fair	Bearings:	F1 - Fair
		Bearing Seat:	F2 - Fair
Comments:	Moderate vertical cracking throughout both abutment walls; Moderate/severe corrosion of metal bearing shims; Bearings have moderate cracking and bulging; Minor cracking throughout bearing wall; Moderate/severe cracking throughout pier cap; Moderate vertical cracking throughout central pier;		
SUPERSTRUCTURE			
Condition:	P3 - Poor	Expansion Joints:	F2 - Fair
Comments:	Moderate spalling along fascia and soffit, moderate corrosion to exposed reinforcement; Minor/moderate longitudinal cracking on exterior girders and girder ends adjacent to piers; Moderate cracking of girders at abutment walls; Diaphragms and creep blocks have exposed reinforcement with moderate corrosion; Moderate delamination on underside of bridge deck.		
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair
Hand Rail:	P3 - Poor	Roadway Condition:	F2 - Fair
Approach Rail:	P3 - Poor		
Comments:	Handrail damaged (top piece has separated); Approach rail damaged at end.		
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:	2015	Replacement Year:	2015
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Monitor this structure yearly; Repair approach rail; Repair/monitor bearings; Latex repairs to creep blocks, fascia, and soffit; Repair handrail.		
OBSERVATIONS			
Overall Condition:	P3 - Poor	Requires Further Inspection:	Yes
Additional Observations:			
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.