

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B10302015-10	
Date: 9/30/2015	Inspected By: Rodger Hussey	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	1-090 - PEARL ROAD OVERPASS'S (EAST & WEST)		
Route:		Overall Length:	30.8 m
Year Built:	1971	Est: No	Overall Width: 13 m
Year Last Rehab.:		Est: No	Roadway Width: 11 m
Region:	AVALON PENINSULA	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	0 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	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt	<u>Span No.:</u>	<u>Length</u>
Alignment Vertical:	01 - Good	1	18.3
Alignment Horizontal:	01 - Good	2	0
Restrictions:	No	3	0
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	I - Inapplicable
		Bearing Seat:	I - Inapplicable
Comments:	Sloped embankment under the structure has begun to erode, OM used as fill material and is particularly susceptible to erosion; Fill material surrounding struts eroding; Minor cracking on headwalls and exterior face of slab; Minor undermining of backwall retaining structures.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Underside of deck has small areas of exposed bar where cover was not achieved, minor corrosion to exposed reinforcement.		
DECK			
Condition:	F2 - Fair	Curbs:	P3 - Poor

Hand Rail:	P3 - Poor	Roadway Condition:	P3 - Poor
Approach Rail:	G - Good		
Comments:	Areas of moderate spalling on handrail, moderate corrosion to exposed reinforcement; Curb has areas of moderate/severe spalling, moderate corrosion to exposed reinforcement.		
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 slope erosion; Rehab curbs/handrail; Install hazard markers.		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	Hazard signs missing; No clearance sign on one approach; Form ties left intact on abutment walls.		
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			