

Highway Inspection Reporting

Government of Newfoundland and Labrador - Canada

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Welcome to the Highway Design Bridge Inspection Report form. Please read the instructions at the end of this form before filling out the form. Click on the Help button to view the instructions

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INSPECTION REPORT

No.B07242018-9

[Further Inspection](#)

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Date:

Inspected By: [Add](#)

Category: [Add](#)

[Details](#)

Select Structure: [Add](#)

▲ Click to view structure Information

[Select](#)

[Edit](#)

[Add](#)

Bridge Name:	<input type="text" value="1-315 - PENSTOCK BRIDGE"/>				
Region:	<input type="text" value="AVALON PENINSULA"/>	Overall Length:	<input type="text" value="7.3"/> m		
Route:	<input type="text"/>	Overall Width:	<input type="text" value="11.9"/> m		
Year Built:	<input type="text" value="1960"/> Est: <input type="checkbox"/>	Roadway Width:	<input type="text" value="11"/> m		
Year Last Rehab.:	<input type="text"/> Est: <input type="checkbox"/>	Sidewalk Width:	<input type="text" value="0"/> m		
Jurisdiction:	<input type="text" value="Provincial"/>	Clearance to R.D. or N.W.L.:	<input type="text" value="1.3"/> m		
Type of Structure:	<input type="text" value="04 - Rigid Frame"/>	Max Depth of N.W.L.:	<input type="text" value="0"/> m		
Purpose of Structure:	<input type="text" value="04 - Over Non-Navigable Waters"/>	Spans:			
Type of Handrail:	<input type="text" value="02 - Concrete Rail"/>	Span No.:	Length of Span		
Roadway Surface:	<input type="text" value="02 - Asphalt"/>	1	<input type="text" value="4.8"/> m		
Alignment Vertical:	<input type="text" value="02 - Adequate"/>	2	<input type="text" value="0"/> m		
Alignment Horiz.:	<input type="text" value="02 - Adequate"/>	3	<input type="text" value="0"/> m		
Restrictions:	<input type="text" value="No"/>	4	<input type="text" value="0"/> m		
Describe Restrictions:	<input type="text"/>				
				5	<input type="text" value="0"/> m
				6	<input type="text" value="0"/> m

Click here for photos ►

[Structure Photos](#)

Substructure

Condition:
 Bearings:
 Bearing Seat:

Insp. Comments:

[Click to expand/collapse comments](#) ▼ ▲

Superstructure

Condition:
 Expansion Joints:

Insp. Comments:

[Click to expand/collapse comments](#) ▼ ▲

Deck/Approach

Condition:
 Hand Rail Condition:
 Approach Rail Condition:
 Curb Condition:
 Roadway Condition:

Insp. Comments:

[Click to expand/collapse comments](#) ▼ ▲

Hydrology

Water Velocity: m/s
 Waterway:
 Water Depth: m
 Ice Problem:
 Scour Problem:
 Debris Problem:

Insp. Comments:

[Click to expand/collapse comments](#) ▼ ▲

Replacement/Rehab

Next Rehab. Yr:

Replacement Year:

Ant. Rehab. Cst:

Replacement Cost:

Recomm:

- Possibly replace structure with steel box culvert.
- In the interim, repair all concrete defects, install app./ exit guiderail c/w hazard markers where possible.
- Resurface deck and short sections of approaches.

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Observations

Overall Condition:

Req. Further Inspection.:

Additional Observ.:

- P1 (original structure and D/S extension).
- F1 (U/S extension).
- Wooden penstock leaking in many locations.
- Minor repairs done to top of deck on D/S extension to accommodate re-installation of salvaged aluminum handrails.

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Design Office Comments:

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Instructions

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Revised: Monday,

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