

Condition:	F2 - Fair	Expansion Joints:	F2 - Fair
Comments:	- Expansion joints across the deck are asphaltic plug joints and are in good condition. - All expansion joint gaps through curbs except the northeast have no chaulking/sealant. Northeast curb area has extreme disintegration and has severely deteriorated elements below, P1. Bottom of deck and girders are in good condition, F2. Suspect damage to the back side of the end block on the northeast girder due to the damage in the area.		

DECK

Condition:	F1 - Fair	Curbs:	P1 - Poor
Hand Rail:	F1 - Fair	Roadway Condition:	P1 - Poor
Approach Rail:	F1 - Fair		
Comments:	- Approach asphalt in poor condition, subgrade is heaved and settled. - Asphalt on deck has several raised patches and various potholes, P1. - Approach guiderail on the southeast side has numerous dents. Guiderail overgrown by vegetation on the east side but in the process of being cleared, west was finished a couple days prior to inspection. Guiderail is connected to end blocks, complete with hazard markers and extra energy dampening posts prior to approach end blocks. Southwest end block is tipped towards the upstream due to an impact. - Handrails missing most end caps but otherwise in fair condition. - Roadway curbs have small spalls throughout. The expansion joint concrete in northeast curb has extreme disintegration to exposed reinforcement. Area has a visible hole and is causing the disintegration to the abutment back wall and bearing seat below. Area assigned P1 due to the damage it is causing to other elements. - The fascia/exterior curb on the southwest corner has moderate spalling/disintegration exposing both upstream anchor bolts on one handrail post, P3. The fascia/exterior curb over the southwest bearing seat has light map cracking with delamination. There is a wide horizontal crack with disintegration linking the anchor bolt area to the area over the bearing seat. - The main section of the west fascia/exterior curb has two areas around mid-span with light to moderate surface disintegration exposing curb stirrups. The northwest fascia/exterior curb has severe delamination/spalling of an old patch to exposed reinforcement. East fascia in fair condition overall with moderate spalling on the northeast fascia/exterior curb around the expansion joint.		

HYDROLOGY

Water Velocity:	1.5 m/s	Ice Problem:	N - No Problem
Water Depth:	Deep m	Scour Problem:	K - Known Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	- Heavy erosion along the southeast wingwall from roadway runoff. Scour confirmed on the southwest corner of the footing but the extent is unknown. Hydraulic jump occurring directly adjacent to the footing. Southwest corner needs rip-rap.		

REPLACEMENT/REHABILITATION

Next Rehab. Date:	2022	Replacement Year:	2035
Antic. Rehab. Cost:	\$100,000	Replacement Cost:	\$1,200,000
Recommendations:	- General roadway and approaches needs to be regraded and then resurfaced. Resurface deck. Repair/replace southwest end block. Reseal northwest, southwest and southeast curbs and repair all concrete defects to the exterior curb and abutments below. Replace northeast curb and reseal. Repair northeast abutment seat, back wall and back side of the girder's end block. Repair southwest footing scour and install rip-rap.		

OBSERVATIONS

Overall Condition:	F1 - Fair	Requires Further Inspection:	No
Additional Observations:	- Deck has excessive hogging and easily visible. - Traffic control needed for inspection. Hazards, moderate traffic, fast move deep water and mild slopes.		

LEGEND:			Problem Definitions:	Category Definitions:
Condition Definitions:			N - No Problem.	Maint. - Maintenance.
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	P - Possible Problem.	Eng. - Engineering.
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	K - Known Problem.	Office - Bridge Office.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	NA - Not Applicable.	
4 - *Unsafe - [discontinued code].	P1 - Poor.			
G - Good.	P - Poor.			
PHOTO GUIDELINES:				
Inspection Photos:				

Please provide photos using guidelines below:

- 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.