

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B07132023-2	
Date: 6/1/2023	Inspected By: M Dalton	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	1-324 - TALC MINE RD OVERPASS		
Route:	60	Overall Length:	0 m
Year Built:	1996	Est: No	Overall Width: 0 m
Year Last Rehab.:		Est: No	Roadway Width: 0 m
Region:	AVALON PENINSULA	Sidewalk Width:	2 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	5.3 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:	01 - Aluminum Rail	Span No.:	Length
Roadway Surface:	02 - Asphalt	1	15.3
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No	4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	P3 - Poor	Bearings:	I - Inapplicable
		Bearing Seat:	I - Inapplicable
Comments:	West abutment has narrow vertical cracking and graffiti. East abutment has medium crack with stained concrete from corrosion. Wingwalls are the same condition throughout structure with narrow map cracking and light efflorescence through approach slab and deck construction joint, narrow vertical and horizontal cracks, northwest wingwall has spalling. The west and east struts have narrow to medium vertical cracking with medium to severe delamination/spalling.		
SUPERSTRUCTURE			
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Deck soffit has narrow vertical and map cracking with narrow longitudinal cracks traveling into abutment. Southwest deck soffit has light spall with exposed rebar with light corrosion. East deck soffit has medium longitudinal crack.		

DECK			
Condition:	P3 - Poor	Curbs:	P3 - Poor
Hand Rail:	F2 - Fair	Roadway Condition:	P3 - Poor
Approach Rail:	P3 - Poor		
Comments:	Asphalt has severe potholes with exposed deck and approach slab, asphalt is raveling. Sidewalk has narrow transverse, longitudinal, and map cracking, caulking between sidewalk construction joints deteriorating. Structure rail is in fair condition, missing end cap on northwest railing. Guiderail in fair condition with a deformation on the southwest corner, wooden guiderail posts are rotting on all corners, northwest guiderail endblock shoe is missing bolts, and no hazard markers. Slope is eroded by sidewalk on all corners. Southwest curb fascia has exposed rebar with spalling concrete, and southeast curb fascia has narrow vertical crack and wide horizontal crack. North endblocks have narrow vertical transverse cracking.		
HYDROLOGY			
Water Velocity:	n/a m/s	Ice Problem:	NA - Not Applicable
Water Depth:	n/a m	Scour Problem:	NA - Not Applicable
Waterway:	03 - Not Applicable	Debris Problem:	NA - Not Applicable
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2025	Replacement Year:	2050
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Repair all concrete defects, install hazard markers, replace approach/exit rail and posts, and resurface asphalt deck.		
OBSERVATIONS			
Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:	P3 - Strut legs, exterior curb fascia, construction joint between deck and approach slab, asphalt surface, approach/exit rail and posts.		

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2024.