Newfoundland Labrador	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDO	BRIDGE INSPECTION REPORT B12102021-1				
Date: 10/30/2021	Inspected By: Mike I	Button		Category: Office - Bridge Office				
BRIDGE INFORMATION	I							
Site:	5-024 - LOWER BROO	K BRIDGE						
Route:	500			Overall Leng	gth:	43 m		
Year Built:	1993	Est: No		-		12.3 m	12.3 m	
Year Last Rehab.:		Est: No		Roadway W	idth:	10.5 m		
Region:	LABRADOR			Sidewalk W	dth:	0 m		
Jurisdiction:	Provincial			Clearance to N.W.L.:	o R.D. or	7.8 m		
Type of Structure:	01 - AASH to Girder			Max Depth o	of N.W.L.:	1.5 m		
Purpose of Structure:	04 - Over Non-Navigab	le Waters		Spans:				
Type of Handrail:	01 - Aluminum Rail			Span No.:	<u>Length</u>	Span No.:	Length	
Roadway Surface:	01 - Concrete			1	27	4	0	
Alignment Vertical:	01 - Good			2	0	5	0	
Alignment Horizontal:	01 - Good			3	0	6	0	
Restrictions: BRIDGE PHOTOS	No		. Pa astai					
Restrictions: BRIDGE PHOTOS	No							
Restrictions: BRIDGE PHOTOS			Bearings:	F2 - I				
Restrictions: BRIDGE PHOTOS	10/28/2006		Bearings:	F2 - I F2 - I				
Restrictions:	10/28/2006		Bearing Seat:	F2 - I	Fair	spection but a	ussumed to	
Restrictions: BRIDGE PHOTOS SUBSTRUCTURE Condition: Comments:	G - Good - Abutments, and wing		Bearing Seat:	F2 - I	Fair	spection but a	ussumed to	
Restrictions: BRIDGE PHOTOS SUBSTRUCTURE Condition: Comments: SUPERSTRUCTURE	G - Good - Abutments, and wing	walls in good conditio	Bearing Seat:	F2 - I	[∓] air ∋ high for in	spection but a	issumed to	
Restrictions: BRIDGE PHOTOS SUBSTRUCTURE Condition: Comments: SUPERSTRUCTURE Condition:	G - Good - Abutments, and wing be in fair condition.	walls in good conditio	Bearing Seat: on. Bearings and bea	F2 - I aring seats too P3 - I	Fair b high for in			
Restrictions: BRIDGE PHOTOS	G - Good - Abutments, and wing be in fair condition. G - Good - Expansion joints full of	walls in good conditio	Bearing Seat: on. Bearings and bea	F2 - I aring seats too P3 - I	Fair b high for in			

Hand Rail:	F1 - Fair	Roadway Condition:	F2 - Fair				
Approach Rail:		Roadway Condition.	12 100				
Comments:	 F1 - Fair Approach/exit rails have some damage rail sections with several damaged/heavily spilt posts, are connected to end blocks, have collision dampening posts in each approach lane only and the northwest hazard marker is missing with the remaining in place End blocks in have mild map cracking throughout and have various erosion holes going from them along the wingwalls Curb has a small spall on the northwest corner. Curb chaulking cracked or not in place Handrails have minor bends/dents throughout with one twisted post Deck not paved. Transverse rebar exposed on the western half of the deck in numerous bar width spalls, P3. F2 remainder Approach asphalt in good condition No deck drains. 						
HYDROLOGY							
Water Velocity:	0.3 m/s	Ice Problem:	N - No Problem				
Water Depth:	0.5 m	Scour Problem:	N - No Problem				
Waterway:	01 - Adequate	Debris Problem:	N - No Problem				
Comments:	- Abutments have good rip-rap placement						
REPLACEMENT/REHAB	ILITATION						
Next Rehab. Date:	2024	Replacement Year:	2060				
Antic. Rehab. Cost:	\$25,000	Replacement Cost:	\$1,800,000				
Recommendations:	- Patch/pour back western half of the decl Replace curb chaulking.	K. Replace expansion joint se	als. Fill erosion holes and control runoff.				
OBSERVATIONS							
Overall Condition:	G - Good	Requires Further Inspection:	No				
Additional Observations:	- Hazards steep slopes, light traffic and br	idge is on steep/shard vertica	al and horizontal alignment.				
LEGEND: Condition Definitions: 1 - "Good - [discontinued code]. 2 - "Fair - [discontinued code]. 3 - "Poor - [discontinued code]. 4 - "Unsafe - [discontinued code]. G - Good. PHOTO GUIDELINES: Inspection Photos: Please provide photos using guidelir P All items noted above as b • All y evidence of known ice	F2 - Fair. C - Unsafe (Closed the second	Problem D D Public). No Pro P - Possib K - Known NA - Not A	blem. Maint Maintenance. le Problem. Eng Engineering. Problem. Office - Bridge Office.				

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2021.