

Bridge Inspection							
Bridge File Number	70112 -1 Bridge			Form Type	PCS		
Year Built/Year Supstr	1968/1968			Lot No.	2		
Bridge or Town Name	SEBA BEACH			Inspector Name	Todd Warshawski		
Located Over	TRIBUTARY TO WABAMUN CREEK, 6.120.7, WATERCRS-ST			Inspector Class	BR CLS B		
Located On	31:02 C1 0.692			Assistant Name			
Water Body Cl./Year				Assistant Class			
Navigabil. Cl./Year				Inspection Date	12-Jun-2012		
Legal Land Location	SW SEC 7 TWP 53 RGE 5 W5M			Data Entry By	Theresa Lacusta		
Longitude, Latitude	-114:44:19, 53:33:25			Data Entry Date	18-Jul-2012		
Road Authority	Alberta Transportation (AIT)			Reviewer Name	Eric Carcoux		
Contract Main. Area	CMA12			Review Date	28-Jun-2012		
Clear Roadway/Skew	9.5 /			Dept. Reviewer Name	Brent Herrick		
AADT/Year	1,970 / 2011 (A)			Dept. Review Date	25-Jul-2012		
Road Classification	RCU-209-110			Follow-Up By			
Detour Length (km)	5						
Allowable Load (t):	Single	CS1 28 GIRDER	Semi	CS2 49 GIRDER	Train	CS3 65 GIRDER	----> On Critical Spans ---->Critical Member
Design Loading:	HS20						----> Primary Span

Posting Information							
Required Load Posting (t)	Single				Semi		Truck Train
Posted Loading (t)	Single				Semi		Truck Train
Posted:	Lane	NB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N) No
Posted:	Lane	SB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N) No
Remarks	Not required.						
Hazard Marker At Bridge (Y/N)	Yes						
Remarks	Not at standard location.						
Other Sign Types	Information, Speed.						

Utilities (Located at)			
Utility Attachments			
Telephone	East & West r/w.		Gas
Power	6 wires East side / TV cables.		Municipal
Others	Street lights West r/w.		Problem (Y/N) No
Remarks			

Approach Road				
		Last	Now	Explanation of Condition
Horizontal Alignment		5	5	Intersection 10m south. In bottom of sag curve through town, max 50 kph. Limited sight distance to South.
Vertical Alignment		5	5	
Roadway Width (m)	9.200			19.0m @ NW, 11.4m @ NE, 7.6m @ SE, 15.2m @ SW. Not long enough Improper lap on NE terminal end.
Approach Bump		6	6	
Guardrail (Y/N)	Yes			
Guardrail		6	4	
Length (m)	7.600			
Current Standard (Y/N)	No			
Termination Type	Turned Down			
Drainage		4	4	Windrows under rail along West side.
Approach Road General Rating		5	5	

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : HC, 1 Spans, Lengths(m): 6.1, A-Ident Number:)					
Special Features					
Special Feature			X		
(Type :)					
Special Feature			X		
(Type :)					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	
Last					
Now					
Wearing Surface			4	4	Longitudinal cracking along girders, 4 lines.
(Material Type : ACP)					
(Thickness(mm) : 50)					
Lateral Connection Problem (Y/N)		Yes			
Deck Top			N	N	
Deck Rideability			7	7	
Deck Joints			N	N	Paved over.
Bump (Y/N)		No			
Deck Drainage			6	6	
Drains Clogged (Y/N)		No			
Curbs/Median			6	6	
(Curb Type : Standard)					
Scaling (Percent Area)		1			
Bridge Rail			4	4	Single layer. Missing 8 splice bolts.
(Type : GALVANIZED STEEL FLEX BEAM)					
Bridge Rail Posts			7	7	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)					
Bridge Rail/Posts Coating			6	6	
(Type : GALVANIZED)					
Sidewalk			6	4	Rot/broken planks in wood transition on NE corner.
Girder Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last	0	0	0	1	
Now				1	
Girders			3	3	G6 - Spalls in/out of AZ on both legs with sound concrete. Punchutd at S AB. G10- Spalls in/out of AZ in 1 leg with sound concrete. G3-Wide cracks in/out of AZ on 2 legs. Small punchout @ N. abut. G1-Wide cracks in/out of AZ on both legs, narrow shear crack at N abut outer leg. Cracks in/out of AZ on most girders.
Last Complete Inspection Date		12-Jun-2012			
Cracking (Y/N)		Yes			
Spalling (Percent Area)		5			
Lift or Connector Pocket Grouted (Y/N)					
(Number Of Girders : 13)					
Span Alignment Problems					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			
Superstructure General Rating			3	3	

Substructure						
Bridge Component		Last	Now	Explanation of Condition		
Abutments						
(Extended Backwall Piles (Y/N) : Y)						
(Extended Backwall Piles Spacing(mm) : 1500)						
(Total Number of Caps/Corbels : 5:5)						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Bearing Seats/Caps/Corbels				5	5	
(Type : TREATED TIMBER)						
(Depth(mm) : 350)						
(Width(mm) : 300)						
Backwalls/Breastwalls			4	4	Extended backwall planks falling off.	
Greatest Height (m)		3.00				
Wingwalls			4	4	Separating @ SE wingwall - photo. Wingwall piles broken tie-back wires. Damaged tintops.	
(Total Number of Bearing Piles : 7:7)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Piles			4	4		
Paint/Coating			X	X		
Abutment Stability			5	5		
Scour/Erosion			5	5		
Piers/Bents						
(Type :)						
(Total Number of Caps/Corbels :)						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Bearing Seats/Caps/Corbels				X	X	
(Type :)						
(Depth(mm) :)						
(Width(mm) :)						
(Total Number of Bearing Piles :)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Pier Shaft/Piles			X	X		
Greatest Height (m)						
Bracing/Struts/Sheathing			4	4	Strut keepers are loose/missing.	
Nose Plate			X	X		
Paint/Coating			X	X		
(Colour Description :)						
(Colour Code :)						

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		X	X	
Scour		X	X	
Debris (Y/N)	Yes			logs/old planks/piles
Substructure General Rating		4	4	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment		7	7	
Bank Stability		7	7	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	Yes			
Slope Protection		5	5	
(Type : NATURAL; NATURAL)				
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		5	5	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL	2012	Add splice bolts where missing (8). Relap terminal end.					
SEAL CURBS							
PATCH DECK							
OVERLAY DECK							
STRAIGHTEN/REPLACE MEMBERS							
WASHING	2012	Remove windrow buildup.					
SHOTCRETE REPAIRS							
CORE TIMBER CAPS/CORBELS							
REPAIR/REPLACE TIMBER CAPS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION	2012	Remove debris/old planks.					
INSTALL STRUTS	2012	Replace strut keepers.					
OTHER ACTION	2012	Replace damaged tintops.					
OTHER ACTION	2012	Repair sidewalk transition.					
OTHER ACTION	2012	Reattach lowered backwall planks.					
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	38.9/38.9	Sufficiency Rating (Last/Now) (%)	54.4/54.6	Est. Repl. Yr	2020	Maint. Req. (Y/N)	Yes
Special Comments for Next Inspection	Current 21 month inspection cycle adequate to monitor cracked girders for now.		Department Comments				
Maintenance Reviewed By			Date			Estimated Total	0
Proposed Long-Term Strategy							
On 3-Year Program (Y/N)							
Proposed Action							
Previous Inspector's Name	Wade Nanninga		Previous Assistant's Name				
Next Inspection Date	12-Mar-2014		Previous Inspection Date	22-Sep-2011			
Inspection Cycle (Default) (months)	21						
Comment							