

Bridge Inspection										
Bridge File Number	84035 -1 Bridge				Form Type	PCS				
Year Built/Year Supstr	1958/1958				Lot No.	4				
Bridge or Town Name	CALGARY				Inspector Name	Garry Roberts				
Located Over	FISH CREEK, 2.13.31, WATERCRS-ST				Inspector Class	BR CLS A				
Located On	TRAIL-PED, ON 50000 FB				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	01-Oct-2010				
Legal Land Location	NW SEC 25 TWP 22 RGE 1 W5M				Data Entry By	Alyssa Boynton				
Longitude, Latitude	-114:00:48, 50:53:58				Data Entry Date	22-Oct-2010				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Tom Carey				
Contract Main. Area	UNDEFINED CMA				Review Date	06-Oct-2010				
Clear Roadway/Skew	3.8 /				Dept. Reviewer Name	Lorenz Bohnert				
AADT/Year					Dept. Review Date	27-Oct-2010				
Road Classification					Follow-Up By					
Detour Length (km)										
Allowable Load (t):	Single		Semi		Train		----> On Critical Spans ---->Critical Member			
Design Loading:								----> 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)	No								
Remarks	Not required								
Other Sign Types									

Utilities (Located at)										
Utility Attachments										
Telephone					Gas					
Power	West ROW - multiple lines				Municipal					
Others					Problem (Y/N)	No				
Remarks										

Approach Road									
		Last	Now	Explanation of Condition					
Horizontal Alignment		5	5	Extended rail and T.T. Planks					
Vertical Alignment		5	5						
Roadway Width (m)	3.800								
Approach Bump		4	5						
Guardrail (Y/N)	Yes								
Guardrail		5	6						
Length (m)	5.000								
Current Standard (Y/N)	Yes								
Termination Type	NONE								
Drainage		7	7						
Approach Road General Rating		5	5						

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : PE, 2 Spans, Lengths(m): 12.8-12.8, 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	0.0	0.0	0.0	0.0	
Wearing Surface			4	7	ACP is on top of 50mm concrete overlay
(Material Type : ACP)					
(Thickness(mm) : 50)					
Lateral Connection Problem (Y/N)		No			
Deck Top			4	N	Paved over
Deck Rideability			5	7	
Deck Joints			X	X	
Bump (Y/N)		No			
Deck Drainage			5	6	
Drains Clogged (Y/N)		No			
Curbs/Median			5	5	Curb height 100mm to ACP 50mm of curb Height @ACP @ SW minor spalls @ curb exteriors
(Curb Type : Standard)					
Scaling (Percent Area)		0			
Bridge Rail			7	7	Many post anchor bolts are welded. T.T. rails Painted post. Green treated rail
(Type : BRIDGE SOLID BEAM (EX. TIMBER RAILS))					
Bridge Rail Posts			5	5	
(Type : POST STEEL)					
Bridge Rail/Posts Coating			5	5	
(Type : PAINT)					
Sidewalk			X	X	
Girder Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now	0	0	0	0	
Girders			4	4	Wide cracks and spalls in AZ of curbs. #4 girder @ south span has wide crack in one leg in AZ. Diagonal wide cracks @ pier end diaphragms at Sp.1 and Sp.2 - G4
Last Complete Inspection Date		01-Oct-2010			
Cracking (Y/N)		Yes			
Spalling (Percent Area)		10			
Lift or Connector Pocket Grouted (Y/N)		Yes			
(Number Of Girders : 10)					
Span Alignment Problems					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			
Superstructure General Rating			4	4	

Substructure						
Bridge Component		Last	Now	Explanation of Condition		
Abutments						
(Extended Backwall Piles (Y/N) : N)						
(Extended Backwall Piles Spacing(mm) :)						
(Total Number of Caps/Corbels : :)						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now	0	0	0	0		
Bearing Seats/Caps/Corbels				6	6	
(Type : CONCRETE)						
(Depth(mm) :)						
(Width(mm) :)						
Backwalls/Breastwalls				5	N	
Greatest Height (m)		1.50				
Wingwalls				5	6	
(Total Number of Bearing Piles : 0:0)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now	10	0	0	0		
Piles				N	N	
Paint/Coating				X	X	
Abutment Stability				7	7	
Scour/Erosion				7	7	
Piers/Bents						
(Type : PIER-SOLID)						
(Total Number of Caps/Corbels :)						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now	10	0	0	0		
Bearing Seats/Caps/Corbels				5	5	
(Type : CONCRETE)						
(Depth(mm) :)						
(Width(mm) :)						
(Total Number of Bearing Piles : 0)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now	1	0	0	0		
Pier Shaft/Piles				5	6	
Greatest Height (m)		3.30				
Bracing/Struts/Sheathing				X	X	
Nose Plate				7	7	
Paint/Coating				5	5	
(Colour Description :)						
(Colour Code :)						

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		7	7	
Scour		7	6	
Debris (Y/N)	No			
Substructure General Rating		5	5	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				Sharp bend immediately u/s of bridge
(D/S Direction : E)				
Alignment		4	5	
Bank Stability		4	5	eroded area at NW corner.
HWM (m below Top of Curb)	2.5			No visible HWM.
Drift (Y/N)	No			
Slope Protection		5	5	Cl. 1 and 2 and concrete rubble
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs		X	X	
Adequacy of Opening		5	6	
(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							
SEAL CURBS							
PATCH DECK							
OVERLAY DECK							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
SHOTCRETE REPAIRS							
CORE TIMBER CAPS/CORBELS							
REPAIR/REPLACE TIMBER CAPS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
INSTALL STRUTS							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	50.0/50.0	Sufficiency Rating (Last/Now) (%)	58.7/74.0	Est. Repl. Yr	2025	Maint. Req. (Y/N)	No
Special Comments for Next Inspection			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	Tom Carey		Previous Assistant's Name				
Next Inspection Date	01-Jul-2015		Previous Inspection Date	22-Jun-2005			
Inspection Cycle (Default) (months)	57						
Comment							