

Bridge Inspection									
Bridge File Number	84032 -1 Bridge				Form Type	PT			
Year Built/Year Supstr	1997/1997				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	SW SEC 36 TWP 22 RGE 1 W5M				Data Entry By	Alyssa Boynton			
Longitude, Latitude	-114:01:20, 50:54:25				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 /				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	WB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No	
Posted:	Lane	EB	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					Municipal				
Others					Problem (Y/N)	No			
Remarks									

Approach Road									
		Last	Now	Explanation of Condition					
Horizontal Alignment		5	5	Pedestrian path Bridge #10					
Vertical Alignment		5	5						
Roadway Width (m)	3.000								
Approach Bump		5	6	7.6m of timber guardrail					
Guardrail (Y/N)	Yes								
Guardrail		7	7						
Length (m)	7.600								
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 : PT, 1 Spans, Lengths(m): 26.4, 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/Deck Top			4	6	300 x 40mm longitudinal cca timber subdeck
(Material Type : UNTREATED TIMBER)					
(Plank Thickness(mm) : 50)					
(Plank Width(mm) : 150)					
Deck Rideability			7	7	
Deck Joints			X	X	
Temperature (deg. C)					
(Expansion Type :)					
(Fixed Type :)					
Gap Size (mm)		Gap Location			
Curbs/Wheel Guards			X	7	
(Curb Type : Standard)					
(Type : COPPER CHROMATE ARSENATE TREATED TIMBER)					
(Thickness(mm) : 50)					
(Width(mm) : 200)					
Bridge Rail			7	7	Timber Planks on steel bridgerail Weather steel
(Type : BRIDGE SOLID BEAM (EX. TIMBER RAILS))					
Bridge Rail Posts/Blocking			7	7	
(Type :)					
Bridge Rail/Posts Coating			X	X	
(Type :)					
Sidewalk			X	X	

Superstructure						
Bridge Component				Last	Now	Explanation of Condition
(Primary Span : PT, 1 Spans, Lengths(m): 26.4, A-Ident Number:)						
Wide Load Damage (Y/N)						Welded connections Diaphragms act as floor beams
Top Chord				8	8	
Batter Posts				8	8	
Diagonals				8	8	
Verticals				8	8	
Connections				8	8	
Floor Beams				8	8	
Bottom Chord				8	8	
Lateral Bracings				X	X	
(No. of Stringers : 0)						
Stringer Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Stringers				X	X	
(Type : STEEL)						
(Width(mm) :)						
(Depth(mm) :)						
(Spacing(mm) :)						
Paint Condition				5	X	weathering steel
(Colour Description :)						
(Colour Code :)						
Touchup Required (Y/N)		No				
Bearings				7	7	
Temperature (deg. C)		25				
(Expansion Type : SLIDING PLATE)						
(Fixed Type :)						
Functioning (Y/N)		Yes				
Sub Deck/Deck Underside				7	7	
(Material Type : TREATED TIMBER)						
(Plank Thickness(mm) : 100)						
(Plank Width(mm) : 300)						
Defects (Percent Area)		0				
Span Alignment Problems						
Vertical (Y/N)		No				
Horizontal (Y/N)		No				
Superstructure General Rating				7	7	
Substructure						
Bridge Component				Last	Now	Explanation of Condition
Abutments						
(Extended Backwall Piles (Y/N) :)						
(Extended Backwall Piles Spacing(mm) :)						
Massive concrete						

Substructure						
Bridge Component		Last	Now	Explanation of Condition		
(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				9	8	
(Type : CONCRETE)						
(Depth(mm) :)						
(Width(mm) :)						
Backwalls/Breastwalls				9	8	
Greatest Height (m)		3.00				
Wingwalls				9	8	
(Total Number of Bearing Piles : 0:0)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now	1	0	0	0		
Piles				N	N	
Paint/Coating				7	5	
Pigmented sealer						
Abutment Stability				9	8	
Scour/Erosion				7	8	
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 :)						
(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				X	X	
Nose Plate				X	X	
Paint/Coating				X	X	
(Colour Description :)						
(Colour Code :)						
Pier Stability				X	X	
Scour				X	X	
Debris (Y/N)		No				
Substructure General Rating				9	8	

Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : N)				Curve d/s
(D/S Direction : S)				
Alignment		7	7	
Bank Stability		7	7	
HWM (m below Top of Curb)	3.0			No visible HWM
Drift (Y/N)	No			
Slope Protection		5	6	
(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	6	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
RETROFIT BRIDGE RAIL							
PATCH DECK							
REPLACE SUB DECK							
RESET/ PAINT BEARINGS							
REPAINT SUPERSTRUCTURE							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
CORE TIMBER CAPS/CORBELS							
REPAIR/REPLACE TIMBER CAPS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	88.9/83.3	Sufficiency Rating (Last/Now) (%)	74.7/88.4	Est. Repl. Yr	2050	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							