

Bridge Inspection									
Bridge File Number	84031 -1 Bridge				Form Type	SS			
Year Built/Year Supstr	1978/1978				Lot No.	3			
Bridge or Town Name	CALGARY				Inspector Name	Garry Roberts			
Located Over	FISH CREEK, WATERCRS-NI				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	02-Oct-2010			
Legal Land Location	SE SEC 6 TWP 23 RGE 1 W5M				Data Entry By	Alyssa Boynton			
Longitude, Latitude	-114:07:22, 50:55:41				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	2.3 /				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	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	Bridge #9								

Utilities (Located at)									
Utility Attachments									
Telephone					Gas				
Power	East				Municipal				
Others					Problem (Y/N)	No			
Remarks									

Approach Road									
		Last	Now	Explanation of Condition					
Horizontal Alignment		5	5	Pedestrian path bridge #9					
Vertical Alignment		5	5	upt to 300mm ACP eroded @ east side of path @ North					
Roadway Width (m)	2.300								
Approach Bump		5	6						
Guardrail (Y/N)	No								
Guardrail		X	X						
Length (m)									
Current Standard (Y/N)	No								
Termination Type									
Drainage		7	7						
Approach Road General Rating		5	5						

Superstructure						
Bridge Component				Last	Now	Explanation of Condition
(Primary Span : SSF, 1 Spans, Lengths(m): 24.3, 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				X	5	
(Material Type : COPPER CHROMATE ARSENATE TREATED TIMBER)						
(Thickness(mm) : 50)						
Deck Top				6	X	
Deck Rideability				7	7	
Deck Joints				X	X	
Temperature (deg. C)						
(Expansion Type :)						
(Fixed Type :)						
Gap Size (mm)	Gap Location					
Deck Drainage				7	7	
Drains Clogged (Y/N)	No					
Curbs/Median				X	X	
(Curb Type : None)						
Scaling (Percent Area)						
Bridge Rail				7	7	
(Type :)						
Bridge Rail Posts				7	7	
(Type : POST STEEL;POST STEEL)						
Bridge Rail/Posts Coating				7	6	
(Type : PAINT)						
Sidewalk				X	X	
Top Chord				8	7	Welded connections
Diagonals				X	X	
Verticals				8	7	
Connections				8	7	
Floor Beams				8	7	
Bottom Chord				8	7	
Stringers				8	7	
Girders				X	X	
Diaphragms/Cross Frame				8	7	

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : SSF, 1 Spans, Lengths(m): 24.3, A-Ident Number:)				
Paint Condition		5	5	
(Colour Description : BROWN)				
(Colour Code : 30252)				
Touchup Required (Y/N)	No			
Bearings		7	7	
Temperature (deg. C)	20			
(Expansion Type : SLIDING PLATE)				
(Fixed Type :)				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside		8	7	
Stains (Percent Area)	10			
(Snow Slots Filled :)				
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				
Bearing Seats/Caps/Corbels		N	N	Buried at both ends
(Type : TREATED TIMBER)				
(Depth(mm) :)				
(Width(mm) :)				
Backwalls/Breastwalls		7	5	
Wingwalls		4	5	
Piles		N	X	
Paint/Coating		X	X	
Abutment Stability		7	5	
Scour/Erosion		7	7	
Piers/Bents				
(Type :)				
Bearing Seats/Caps/Corbels		X	X	
(Type :)				
(Total Number of Bearing Piles :)				
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	

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Scour		X	X	
Debris (Y/N)	No			
Substructure General Rating		7	5	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				On curve
(D/S Direction : E)				
Alignment		4	5	
Bank Stability		5	5	Cut banks u/s and d/s
HWM (m below Top of Curb)	2.5			No visible HWM
Drift (Y/N)	No			
Slope Protection		4	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		4	5	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
GALVANIZE/PAINT BRIDGE RAIL							
RETROFIT BRIDGE RAIL							
SEAL CURBS							
PATCH DECK							
SEAL DECK							
OVERLAY DECK							
REPAIR/REPLACE DECK JOINTS							
RESET/ PAINT BEARINGS							
REPAINT SUPERSTRUCTURE							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
SHOTCRETE REPAIRS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION	2011	Remove dirt and grass around abuts. and bearings					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	77.8/66.7	Sufficiency Rating (Last/Now) (%)	69.7/81.5	Est. Repl. Yr	2040	Maint. Req. (Y/N)	Yes
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	02-Jul-2015		Previous Inspection Date	22-Jun-2005			
Inspection Cycle (Default) (months)	57						
Comment							