

Bridge Inspection							
Bridge File Number	84023 -2 Bridge			Form Type	CON		
Year Built/Year Supstr	2007/2007			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	03-Oct-2010		
Legal Land Location	NW SEC 5 TWP 23 RGE 1 W5M			Data Entry By	Erin Roberts		
Longitude, Latitude	-114:06:28, 50:55:54			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	3.6 /			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)		In Advance (Y/N)		At Bridge (Y/N)
Posted:	Lane	EB	At Junction (Y/N)		In Advance (Y/N)		At Bridge (Y/N)
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	Bridge 4 Stress Ribbon
Vertical Alignment		5	5	
Roadway Width (m)	3.000			
Approach Bump		8	5	
Guardrail (Y/N)				
Guardrail		X	X	
Length (m)				
Current Standard (Y/N)				
Termination Type				
Drainage		8	7	
Approach Road General Rating		5	5	

Superstructure						
Bridge Component		Last	Now	Explanation of Condition		
(Primary Span : CV, 1 Spans, Lengths(m): 30, A-Ident Number:)						
Special Features						
Special Feature			X			
(Type :)						
Special Feature			X			
(Type :)						
Wearing Surface/Deck Top Detail Ratings						
	N (%)	1 (%)	2 (%)	3 (%)		
Last	100	0	0	0		
Now	0.0	0.0	0.0	0.0		
Wearing Surface			X	7	Random narrow crack	
(Material Type : CONCRETE)						
(Thickness(mm) : 100)						
Deck Top			N	N		
Deck Rideability			8	7		
Deck Joints			X	X		
Temperature (deg. C)						
(Expansion Type :)						
(Fixed Type :)						
Gap Size (mm)		Gap Location				
Deck Drainage			8	4	100mm dia drains @ 2m spacing along center of deck 1 drain cover missing and 1 broken	
Drains Clogged (Y/N)						
Curbs/Median			N	7		
(Curb Type : Standard)						
Scaling (Percent Area)						
Bridge Rail			7	7	Steel tube and verticals some 50mm misalignment @ East	
(Type : GALVANIZED STEEL VERTICAL BAR)						
Bridge Rail Posts			8	8		
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)						
Bridge Rail/Posts Coating			6	7		
(Type : GALVANIZED)						
Sidewalk			X	X		
Girders			8	8	Stress ribbon slab	
Diaphragms/Cross Frame			X	X		
Bearings			X	X	cast in concrete	
Temperature (deg. C)						
(Expansion Type :)						
(Fixed Type :)						
Coating Adequate (Y/N)						
Functioning (Y/N)						
Deck Underside			8	7		
Stains (Percent Area)			1			
Span Alignment Problems						
Vertical (Y/N)		No				
Horizontal (Y/N)		No				

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : CV, 1 Spans, Lengths(m): 30, A-Ident Number:)				
Superstructure General Rating		8	7	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats		8	8	
Backwalls/Breastwalls		8	8	
Wingwalls		8	8	
Piles		X	N	Buried
Paint/Coating		8	7	
Abutment Stability		8	8	
Scour/Erosion		8	8	
Piers/Bents				
(Type :)				
Bearing Seats/Caps		X	X	
(Type :)				
Pier Shaft/Piles		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		8	8	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				Curves u/s & d/s
(D/S Direction : E)				
Alignment		5	6	
Bank Stability		5	6	steep cut u/s and d/s
HWM (m below Top of Curb)	2.0			trees @ banks
Drift (Y/N)	Yes			
Slope Protection		8	7	
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				

Structure Usage				
		Last	Now	Explanation of Condition
Channel General Rating		5	6	

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							
WASHING							
SHOTCRETE REPAIRS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION	2011	Replace 1 missing and 1 damaged drain covers - 100mm galvanized metal					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	88.9/83.3	Sufficiency Rating (Last/Now) (%)	/88.4	Est. Repl. Yr	2060	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	03-Jul-2015		Previous Inspection Date	24-Jan-2008			
Inspection Cycle (Default) (months)	57						
Comment							