

Bridge Inspection										
Bridge File Number	84024 -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	02-Oct-2010				
Legal Land Location	NE SEC 5 TWP 23 RGE 1 W5M				Data Entry By	Erin Roberts				
Longitude, Latitude	-114:06:19, 50:55:59				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					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 5					
Vertical Alignment		5	5						
Roadway Width (m)	3.000								
Approach Bump		8	6						
Guardrail (Y/N)	No								
Guardrail		X	X						
Length (m)									
Current Standard (Y/N)									
Termination Type									
Drainage		8	7						
<b>Approach Road General Rating</b>		<b>5</b>	<b>5</b>						

Superstructure						
Bridge Component		Last	Now	Explanation of Condition		
(Primary Span : CV, 1 Spans, Lengths(m): 30, A-Ident Number: )						
<b>Special Features</b>						
Special Feature			X			
(Type : )						
Special Feature			X			
(Type : )						
Wearing Surface/Deck Top Detail Ratings						
	N (%)	1 (%)	2 (%)	3 (%)		
<b>Last</b>	100	0	0	0		
<b>Now</b>	0.0	0.0	0.0	0.0		
Wearing Surface			X	7	Random narrow cracks	
(Material Type : <b>CONCRETE</b> )						
(Thickness(mm) : <b>100</b> )						
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 drains @ 2 m spacing along center of deck 1 missing drain cover at South end	
Drains Clogged (Y/N)						
Curbs/Median			N	8		
(Curb Type : <b>Standard</b> )						
Scaling (Percent Area)			0			
Bridge Rail			8	8	Steel tube & verticals some 25mm misaligned @ east	
(Type : <b>GALVANIZED STEEL VERTICAL BAR</b> )						
Bridge Rail Posts			8	8		
(Type : <b>GALVANIZED POST STEEL;GALVANIZED POST STEEL</b> )						
Bridge Rail/Posts Coating			6	7	steel tube	
(Type : <b>GALVANIZED</b> )						
Sidewalk			X	X		
Girders			3	6	Stress ribbon crack @ underside @ North is epoxy patched and sound	
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			3	6	600mm long crack @ underside of 1st slab @ North appears crack goes further north 1m and is epoxy patched and currently sound	
Stains (Percent Area)			1			

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : CV, 1 Spans, Lengths(m): 30, A-Ident Number: )				
<b>Span Alignment Problems</b>				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
<b>Superstructure General Rating</b>		<b>3</b>	<b>6</b>	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
<b>Abutments</b>				
Bearing Seats		8	8	
Backwalls/Breastwalls		8	8	
Wingwalls		8	8	
Piles		X	X	
Paint/Coating		8	7	
Abutment Stability		8	8	
Scour/Erosion		8	8	
<b>Piers/Bents</b>				
(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			
<b>Substructure General Rating</b>		<b>8</b>	<b>8</b>	
Structure Usage				
		Last	Now	Explanation of Condition
<b>Channel</b>				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment		7	7	
Bank Stability		5	6	Steep cut banks u/s & d/s
HWM (m below Top of Curb)				Trees @ banks
Drift (Y/N)	Yes			
Slope Protection		8	7	
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs		X	X	
Adequacy of Opening		5	7	

Structure Usage				
		Last	Now	Explanation of Condition
(Fish Compensation Measure 1 : <b>NONE</b> )				
(Fish Compensation Measure 2 : <b>NONE</b> )				
<b>Channel General Rating</b>		<b>5</b>	<b>7</b>	

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 drain cover with 100mm galvanized metal					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
<b>Structural Condition Rating (Last/Now) (%)</b>	<b>61.1/77.8</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>/87.1</b>	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	02-Jul-2015		Previous Inspection Date	24-Jan-2008			
Inspection Cycle (Default) (months)	57						
Comment							