

Bridge Inspection										
Bridge File Number	84036 -1 Bridge				Form Type	CON				
Year Built/Year Supstr	2001/2001				Lot No.	2				
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 4 TWP 23 RGE 1 W5M				Data Entry By	Erin Roberts				
Longitude, Latitude	-114:04:24, 50:55:28				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	3.5 /				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	East				Municipal					
Others					Problem (Y/N)	No				
Remarks										

Approach Road									
		Last	Now	Explanation of Condition					
Horizontal Alignment		5	5	Bridge #8 located West of McLeod Trail					
Vertical Alignment		5	5						
Roadway Width (m)	3.000								
Approach Bump			2	6					
Guardrail (Y/N)	No								
Guardrail			7	X					
Length (m)									
Current Standard (Y/N)									
Termination Type									
Drainage			7	7					
<b>Approach Road General Rating</b>				<b>2</b>	<b>5</b>				

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : CA, 1 Spans, Lengths(m): 16, 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>					
<b>Now</b>	0.0	0.0	0.0	0.0	
Wearing Surface			X	X	
(Material Type : )					
(Thickness(mm) : )					
Deck Top			4	4	medium width transverse cracks @ end 5m Remainder of deck rates "7"
Deck Rideability			8	7	
Deck Joints			5	7	Control Joint
Temperature (deg. C)		20			
(Expansion Type : )					
(Fixed Type : )					
Gap Size (mm)		Gap Location			
10		N Abut			
Deck Drainage			8	8	Drains on crest curve
Drains Clogged (Y/N)					
Curbs/Median			8	8	
(Curb Type : <b>Standard</b> )					
Scaling (Percent Area)		0			
Bridge Rail			4	6	Galvanized post brackets
(Type : <b>BRIDGE SOLID BEAM (EX. TIMBER RAILS);COPPER CHROMATE ARSENATE TREATED TIMBER BRIDGE SOLID BEAM (EX. TIMBER RAILS)</b> )					
Bridge Rail Posts			8	8	
(Type : )					
Bridge Rail/Posts Coating			8	7	
(Type : )					
Sidewalk			X	X	
Girders			X	X	Integral
Diaphragms/Cross Frame			X	X	
Bearings			X	X	
Temperature (deg. C)					
(Expansion Type : )					
(Fixed Type : )					
Coating Adequate (Y/N)					
Functioning (Y/N)					
Deck Underside			8	8	
Stains (Percent Area)		0			

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : CA, 1 Spans, Lengths(m): 16, A-Ident Number: )				
<b>Span Alignment Problems</b>				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
<b>Superstructure General Rating</b>		<b>8</b>	<b>8</b>	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
<b>Abutments</b>				
Bearing Seats		9	N	Integral
Backwalls/Breastwalls		9	8	
Wingwalls		9	8	
Piles		N	N	Buried
Paint/Coating		8	7	Pigmented Sealer
Abutment Stability		9	8	
Scour/Erosion		3	7	
<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)				
<b>Substructure General Rating</b>		<b>3</b>	<b>8</b>	
Structure Usage				
		Last	Now	Explanation of Condition
<b>Channel</b>				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment		5	5	
Bank Stability		5	5	Cut Banks u/s
HWM (m below Top of Curb)	3.5			No visible HWM
Drift (Y/N)	No			
Slope Protection		3	7	
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs		X	X	
Adequacy of Opening		4	6	

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>3</b>	<b>5</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	2011	Seal Cracks- GFE spprox. 100 Lin M					
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							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
<b>Structural Condition Rating (Last/Now) (%)</b>	<b>61.1/88.9</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>53.9/89.6</b>	Est. Repl. Yr	2055	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							