

Bridge Inspection										
Bridge File Number	84033 -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	01-Oct-2010				
Legal Land Location	SE SEC 6 TWP 23 RGE 1 W5M				Data Entry By	Alyssa Boynton				
Longitude, Latitude	-114:07:39, 50:55:36				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										

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 #11												
Vertical Alignment		5	5													
Roadway Width (m)	3.000															
Approach Bump			7	6												
Guardrail (Y/N)	Yes		Pipe railing @ south													
Guardrail										7	7					
Length (m)																
Current Standard (Y/N)	Yes															
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	80	0	0	0	
Now	0.0	0.0	0.0	0.0	
Wearing Surface			X	4	2 planks with isolated rot - 50 x 150 x 2.4
(Material Type : COPPER CHROMATE ARSENATE TREATED TIMBER)					
(Thickness(mm) : 50)					
Deck Top			4	4	
Deck Rideability			6	6	
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 : Standard)					
Scaling (Percent Area)					
Bridge Rail			7	7	40mm x 40mm HSS Rail
(Type : STEEL BRIDGE TUBE)					
Bridge Rail Posts			7	7	
(Type : POST STEEL;POST STEEL)					
Bridge Rail/Posts Coating			5	5	
(Type : PAINT)					
Sidewalk			X	X	
Top Chord			8	8	Welded connections HSS tube 3 - 140 x 65 cca & HSS stringers
Diagonals			X	X	
Verticals			8	8	
Connections			8	8	
Floor Beams			8	8	
Bottom Chord			8	8	
Stringers			8	7	
Girders			X	X	
Diaphragms/Cross Frame			X	7	Bottom laterals

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : SSF, 1 Spans, Lengths(m): 24.3, A-Ident Number:)				
Paint Condition		5	X	weathering steel
(Colour Description :)				
(Colour Code :)				
Touchup Required (Y/N)	No			
Bearings		7	7	5% corrosion
Temperature (deg. C)	25			
(Expansion Type :)				
(Fixed Type : SLIDING PLATE)				
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		6	5	
(Type : TREATED TIMBER)				
(Depth(mm) : 150)				
(Width(mm) : 600)				
Backwalls/Breastwalls		8	8	Galvanized metal breastwalls
Wingwalls		8	5	
Piles		X	X	Green treated timber cribbing
Paint/Coating		9	7	Galvanized
Abutment Stability		6	8	
Scour/Erosion		7	8	
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		6	5	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment		7	7	
Bank Stability		7	7	
HWM (m below Top of Curb)	1.0			No visible HWM
Drift (Y/N)	No			
Slope Protection		5	6	
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		7	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	2011	Replace 2 50 x 150 x 2.4 x 2360 cca planks					
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							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	72.2/66.7	Sufficiency Rating (Last/Now) (%)	/82.8	Est. Repl. Yr	2050	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	01-Jul-2015		Previous Inspection Date	17-Jan-2008			
Inspection Cycle (Default) (months)	57						
Comment							