

Bridge Inspection							
Bridge File Number	84022 -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	03-Oct-2010		
Legal Land Location	SW SEC 5 TWP 23 RGE 1 W5M			Data Entry By	Kelsey Roberts		
Longitude, Latitude	-114:06:35, 50:55:35			Data Entry Date	26-Dec-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		
AAADT/Year				Dept. Review Date	05-Jan-2011		
Road Classification				Follow-Up By			
Detour Length (km)	1						
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 Req.						
Hazard Marker At Bridge (Y/N)	No						
Remarks	Not Req.						
Other Sign Types	Bridge #3						

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	Bridge #3
Vertical Alignment			5	
Roadway Width (m)	3.300			
Approach Bump			6	
Guardrail (Y/N)	No			
Guardrail			X	
Length (m)				
Current Standard (Y/N)				
Termination Type				
Drainage			7	
Approach Road General Rating			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		5	65x150 rough sawn			
(Material Type : COPPER CHROMATE ARSENATE TREATED TIMBER)						
(Thickness(mm) : 65)						
Deck Top		5				
Deck Rideability		7				
Deck Joints		X				
Temperature (deg. C)						
(Expansion Type :)						
(Fixed Type :)						
Gap Size (mm)	Gap Location					
Deck Drainage		7	Drains between planks			
Drains Clogged (Y/N)						
Curbs/Median		X				
(Curb Type : Standard)						
Scaling (Percent Area)						
Bridge Rail		8	HSS tube			
(Type : STEEL BRIDGE TUBE)						
Bridge Rail Posts		8	Minor corrosion			
(Type : POST STEEL;POST STEEL)						
Bridge Rail/Posts Coating		5				
(Type : PAINT)						
Sidewalk		X				
Top Chord		8	HSS tube			
Diagonals		X				
Verticals		8	Welded			
Connections		7	Steel tube flow beams			
Floor Beams		7				
Bottom Chord		8	Steel tube stringers 3 lines			
Stringers		7				
Girders		X				
Diaphragms/Cross Frame		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	
(Colour Description : BROWN)				
(Colour Code : 30252)				
Touchup Required (Y/N)	No			
Bearings			7	
Temperature (deg. C)	16			
(Expansion Type : STEEL SLIDING PLATES WITH BRONZE PLATE IN BETWEEN)				
(Fixed Type :)				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside			7	
Stains (Percent Area)	10			
(Snow Slots Filled :)				
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating			7	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps/Corbels			5	South abut. timbers are partially buried
(Type : TREATED TIMBER)				
(Depth(mm) : 100)				
(Width(mm) : 150)				
Backwalls/Breastwalls			7	Galvanized metal breastwalls
Wingwalls			5	
Piles			X	On timber cribbing
Paint/Coating			7	Galvanized
Abutment Stability			6	
Scour/Erosion			7	
Piers/Bents				
(Type :)				
Bearing Seats/Caps/Corbels			X	
(Type :)				
(Total Number of Bearing Piles :)				
Pier Shaft/Piles			X	
Greatest Height (m)				
Bracing/Struts/Sheathing			X	
Nose Plate			X	
Paint/Coating			X	
(Colour Description :)				
(Colour Code :)				
Pier Stability			X	

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Scour			X	
Debris (Y/N)	No			
Substructure General Rating			5	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				90 degree bend U/S
(D/S Direction : E)				
Alignment			4	
Bank Stability			6	
HWM (m below Top of Curb)				No visible HWM Minor scattered drift
Drift (Y/N)	Yes			
Slope Protection			7	
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs			X	
Adequacy of Opening			6	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating			4	

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 to expose South abut. timbers and bearings					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	/66.7	Sufficiency Rating (Last/Now) (%)	/80.3	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			Previous Assistant's Name				
Next Inspection Date	03-Jul-2015		Previous Inspection Date				
Inspection Cycle (Default) (months)	57						
Comment							