

Bridge Inspection										
Bridge File Number	84020 -1 Bridge				Form Type	SS				
Year Built/Year Supstr	1978/1978				Lot No.	4				
Bridge or Town Name	CALGARY				Inspector Name	Garry Roberts				
Located Over	FISH CREEK, 2.13.31, WATERCRS-ST				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	SE SEC 6 TWP 23 RGE 1 W5M				Data Entry By	Alyssa Boynton				
Longitude, Latitude	-114:07:23, 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 / 0 deg.				Dept. Reviewer Name	Lorenz Bohnert				
AADT/Year					Dept. Review Date	27-Oct-2010				
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	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	Bridge #2								

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	ACP approaches					
Vertical Alignment		5	5						
Roadway Width (m)	2.500								
Approach Bump		3	6						
Guardrail (Y/N)	Yes								
Guardrail		7	8	Galvanized steel approach rails					
Length (m)	5.000								
Current Standard (Y/N)	Yes								
Termination Type	None								
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					
Now	0.0	0.0	0.0	0.0	
Wearing Surface			X	6	75 x 130 CCA planks. End of 1 board sits up 20mm at south - no problem at present
(Material Type : COPPER CHROMATE ARSENATE TREATED TIMBER)					
(Thickness(mm) : 75)					
Deck Top			6	6	
Deck Rideability			7	7	
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	8	1% Minor corrosion
(Type : STEEL BRIDGE TUBE)					
Bridge Rail Posts			7	8	
(Type : POST STEEL;POST STEEL)					
Bridge Rail/Posts Coating			5	5	
(Type :)					
Sidewalk			X	X	
Top Chord			8	8	Welded connections 120 x 50 steel tube floorbeams 80 x 80 steel tube stringers
Diagonals			X	X	
Verticals			8	8	
Connections			8	8	
Floor Beams			8	8	
Bottom Chord			8	8	
Stringers			8	8	
Girders			X	X	
Diaphragms/Cross Frame			8	8	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	4	Moderate corrosion at ends and bearings
(Colour Description : BROWN)				
(Colour Code : 30252)				
Touchup Required (Y/N)	No			
Bearings		7	7	
Temperature (deg. C)	20			
(Expansion Type : SLIDING PLATE)				
(Fixed Type :)				
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		8	7	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps/Corbels		N	8	
(Type : TREATED TIMBER)				
(Depth(mm) :)				
(Width(mm) :)				
Backwalls/Breastwalls		8	8	Buried
Wingwalls		3	8	
Piles		N	N	
Paint/Coating		9	7	
Abutment Stability		5	8	
Scour/Erosion		3	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		5	8	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment		7	7	
Bank Stability		5	6	Vertical banks but vegetated
HWM (m below Top of Curb)	3.0			No visible HWM
Drift (Y/N)	No			
Slope Protection		3	8	
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs		X	X	
Adequacy of Opening		4	6	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		3	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						
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) (%)	72.2/83.3	Sufficiency Rating (Last/Now) (%)	68.9/88.4	Est. Repl. Yr	2055	Maint. Req. (Y/N)	No
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Special Comments for Next Inspection		Department Comments	
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Maintenance Reviewed By		Date		Estimated Total	0
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Proposed Long-Term Strategy	
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On 3-Year Program (Y/N)	
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Proposed Action	
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Previous Inspector's Name	Tom Carey	Previous Assistant's Name	
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Next Inspection Date	03-Jul-2015	Previous Inspection Date	22-Jun-2005
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Inspection Cycle (Default) (months)	57
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Comment	
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