

Bridge Inspection											
Bridge File Number	75577 -1 Bridge				Form Type	PCS					
Year Built/Year Supstr	1962/1962				Lot No.	2					
Bridge or Town Name	FINNEGAN				Inspector Name	Tom Carey					
Located Over	SPRING CK, 3.19, WATERCRS-ST				Inspector Class	BR CLS A					
Located On	862:04 C1 29.611				Assistant Name						
Water Body Cl./Year					Assistant Class						
Navigabil. Cl./Year					Inspection Date	09-Feb-2010					
Legal Land Location	SE SEC 12 TWP 25 RGE 16 W4M				Data Entry By	Erin Roberts					
Longitude, Latitude	-112:06:16, 51:06:55				Data Entry Date	08-Mar-2010					
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Garry Roberts					
Contract Main. Area	CMA23				Review Date	24-Feb-2010					
Clear Roadway/Skew	7.3 /				Dept. Reviewer Name	Lorenz Bohnert					
AADT/Year	110 / 2008 (A)				Dept. Review Date	09-Mar-2010					
Road Classification	RCU-208-110				Follow-Up By						
Detour Length (km)	30										
Allowable Load (t):	Single	CS1 28 GIRDER			Semi	CS2 49 GIRDER			Train	CS3 62 GIRDER	----> On Critical Spans ---->Critical Member
Design Loading:	HS20									----> 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)	Yes								
Remarks									
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	CURVE TO THE S CREST TO THE S				
Vertical Alignment			4	5					
Roadway Width (m)	7.000								
Approach Bump			7	7					
Guardrail (Y/N)			No						
Guardrail			X	X					
Length (m)									
Current Standard (Y/N)			No						
Termination Type									
Drainage			6	6					
Approach Road General Rating			4	5					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : HH, 1 Spans, Lengths(m): 6.1, A-Ident Number:)					
Special Features					
Special Feature			X		
(Type :)					
Special Feature			X		
(Type :)					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	
Last	0	0	0	0	
Now	90.0	0.0	0.0	0.0	
Wearing Surface			X	X	
(Material Type :)					
(Thickness (mm) :)					
Lateral Connection Problem (Y/N)					
Deck Top			5	N	(SOME SPALLING ON TOP GIRDER EDGES) Snow
Deck Rideability			7	7	
Deck Joints			6	N	Snow
Bump (Y/N)		No			
Deck Drainage			6	6	
Drains Clogged (Y/N)		No			
Curbs/Median			3	3	2 holes in curb face - see photo V- East and West
(Curb Type : Standard)					
Scaling (Percent Area)		0			
Bridge Rail			5	5	Minor corrosion
(Type : BRIDGE SOLID BEAM (EX. TIMBER RAILS))					
Bridge Rail Posts			6	6	
(Type : POST STEEL;POST STEEL)					
Bridge Rail/Posts Coating			5	4	
(Type : PAINT)					
Sidewalk			X	X	
Girder Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last	0	0	0	0	
Now	0	0	0	0	
Girders			5	5	honey combing 2nd from east on leg
Last Complete Inspection Date		30-Jan-2007			
Cracking (Y/N)		Yes	2 girders with wide cracks in one web- one of is in the AZ- concrete is sound		
Spalling (Percent Area)		0			
Lift or Connector Pocket Grouted (Y/N)					
(Number Of Girders : 9)					
Span Alignment Problems					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			
Superstructure General Rating			5	5	

Substructure					
Bridge Component		Last	Now	Explanation of Condition	
Abutments					
(Extended Backwall Piles (Y/N) : Y)					
(Extended Backwall Piles Spacing (mm) : 1900)					
(Total Number of Caps/Corbels : 3:3)					
Bearing Seats/Caps/Corbels Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last	0	0	0	0	
Now	0	0	0	0	
Bearing Seats/Caps/Corbels				5	5
(Type : TREATED TIMBER)					
(Depth (mm) : 300)					
(Width (mm) : 300)					
Backwalls/Breastwalls				5	5
Greatest Height (m)		2.70			
Wingwalls				7	7
(Total Number of Bearing Piles : 6:0)					
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last	0	0	0	0	
Now	0	0	0	0	
Piles				7	7
Paint/Coating				X	X
Abutment Stability				5	5
Scour/Erosion				5	N
Ice					
Piers/Bents					
(Type :)					
(Total Number of Caps/Corbels :)					
Bearing Seats/Caps/Corbels Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last	0	0	0	0	
Now					
Bearing Seats/Caps/Corbels				X	X
(Type :)					
(Depth (mm) :)					
(Width (mm) :)					
4 struts missing on d/s (east) side					
Not causing any problems					
(Total Number of Bearing Piles :)					
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last	0	0	0	0	
Now	0	0	0	0	
Pier Shaft/Piles				X	X
Greatest Height (m)					
Bracing/Struts/Sheathing				5	5

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Nose Plate		X	X	
Paint/Coating		X	X	
(Colour Description :)				
(Colour Code :)				
Pier Stability		X	X	
Scour		X	X	
Debris (Y/N)	No			
Substructure General Rating		5	5	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				(stream from S. merges with stream from N. at east side of bridge)
(D/S Direction : E)				
Alignment		5	5	
Bank Stability		7	N	Snow
HWM (m below Top of Curb)				No visible HWM
Drift (Y/N)	No			
Slope Protection		7	N	Snow
(Type :)				
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		5	5	GR carried forward

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
REPAIR/SEAL CURBS	2010	Patch curbs- 0.1m3 NH					
PATCH DECK							
OVERLAY DECK							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
SHOTCRETE REPAIRS							
CORE TIMBER CAPS/CORBELS							
REPAIR/REPLACE TIMBER CAPS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
INSTALL STRUTS							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	55.6/55.6	Sufficiency Rating (Last/Now) (%)	53.7/62.0	Est. Repl. Yr	2023	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	Tim Davies		Previous Assistant's Name				
Next Inspection Date	09-May-2013		Previous Inspection Date	30-Jan-2007			
Inspection Cycle (Default) (months)	39						
Comment							