

Bridge Inspection									
Bridge File Number	13310 -1 Bridge				Form Type	PCS			
Year Built/Year Supstr	1974/1974				Lot No.	2			
Bridge or Town Name	CRAIGMYLE				Inspector Name	Owen Salava			
Located Over	FISH CREEK, 3.30.3, WATERCRS-ST				Inspector Class	BR CLS A			
Located On	851:02 C1 11.841				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	28-Jan-2011			
Legal Land Location	NW SEC 4 TWP 29 RGE 16 W4M				Data Entry By	Marcia Chavez			
Longitude, Latitude	-112:12:30, 51:27:35				Data Entry Date	03-Mar-2011			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	John O'Brien			
Contract Main. Area	CMA21				Review Date	03-Feb-2011			
Clear Roadway/Skew	8.2 /				Dept. Reviewer Name	Chris Black			
AADT/Year	60 / 2009 (A)				Dept. Review Date	04-Mar-2011			
Road Classification	RCU-208-110				Follow-Up By				
Detour Length (km)	3								
Allowable Load (t):	Single	CS1 28	Semi	CS2 49	Train	CS3 62	----> On Critical Spans ---->Critical Member		
Design Loading:	HS25						----> 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	No posting.								
Hazard Marker At Bridge (Y/N)	Yes								
Remarks	Mounted off bridge, SE too high.								
Other Sign Types									

Utilities (Located at)									
Utility Attachments									
Telephone	West r/w.				Gas				
Power					Municipal				
Others					Problem (Y/N)	No			
Remarks									

Approach Road									
		Last	Now	Explanation of Condition					
Horizontal Alignment		9	9	Hill to N.					
Vertical Alignment		7	7						
Roadway Width (m)	7.500								
Approach Bump		5	5						
Guardrail (Y/N)	Yes								
Guardrail		6	6	Extra posts missing, short.					
Length (m)	11.700								
Current Standard (Y/N)	No								
Termination Type	TURNDOWN ENDS								
Drainage		5	5						
Approach Road General Rating		7	7						

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : VH, 1 Spans, Lengths(m): 11.6, A-Ident Number:)					
Special Features					
Special Feature			X		
(Type :)					
Special Feature			X		
(Type :)					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	Snow/gravel covered.
Last	0	0	0	0	
Now	50.0	0.0	0.0	0.0	
Wearing Surface			X	X	
(Material Type :)					
(Thickness(mm) :)					
Lateral Connection Problem (Y/N)		No			
Deck Top			7	7	
Deck Rideability			7	7	
Deck Joints			X	X	
Bump (Y/N)		No			
Deck Drainage			6	6	
Drains Clogged (Y/N)		No			
Curbs/Median			5	5	
(Curb Type : Standard)					
Scaling (Percent Area)		0			
Bridge Rail			4	4	Missing post to rail bolt at SW (photo).
(Type : FLEX BEAM)					
Bridge Rail Posts			7	7	
(Type : GALVANIZED POST STEEL; GALVANIZED POST STEEL)					
Bridge Rail/Posts Coating			6	6	
(Type :)					
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			6	6	Connector & lift hook pockets not filled.
Last Complete Inspection Date		28-Jan-2011			
Cracking (Y/N)		Yes			
Spalling (Percent Area)		0			
Lift or Connector Pocket Grouted (Y/N)		No			
(Number Of Girders : 10)					
Span Alignment Problems					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			
Superstructure General Rating			6	6	

Substructure					
Bridge Component		Last	Now	Explanation of Condition	
Abutments					
(Extended Backwall Piles (Y/N) : Y)					
(Extended Backwall Piles Spacing(mm) : 1500)					
(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			6	6	
(Type : TREATED TIMBER)					
(Depth(mm) : 356)					
(Width(mm) : 305)					
Backwalls/Breastwalls			7	7	
Greatest Height (m)		2.50			
Wingwalls			7	7	
(Total Number of Bearing Piles : 8:8)					
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			7	7	
Scour/Erosion			7	7	
Piers/Bents					
(Type :)					
(Total Number of Caps/Corbels :)					
Bearing Seats/Caps/Corbels Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now					
Bearing Seats/Caps/Corbels			X	X	
(Type :)					
(Depth(mm) :)					
(Width(mm) :)					
(Total Number of Bearing Piles :)					
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now					
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 :)					

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		X	X	
Scour		X	X	
Debris (Y/N)	Yes			Old piles sticking up to 1.84m height in stream bed - to with 0.3m of precast.
Substructure General Rating		6	6	
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)				No visible HWM
Drift (Y/N)	No			
Slope Protection		6	N	Snow covered.
(Type : NATURAL; NATURAL)				
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		7	7	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL	2011	1 post bolt at SW.					
SEAL CURBS							
PATCH DECK	2011	Fill concrete/lift pockets with non-shrink grout.					
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	2011	Reset HMs to std.					
OTHER ACTION	2011	Remove piles and planks					
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	66.7/66.7	Sufficiency Rating (Last/Now) (%)	72.5/72.5	Est. Repl. Yr	2025	Maint. Req. (Y/N)	Yes
Special Comments for Next Inspection				Department Comments			
Maintenance Reviewed By				Date	Estimated Total	0	
Proposed Long-Term Strategy	2004.12.27 Bridge should be ok until 2025 with normal BIM Inspection. Caps may need replacement in future.						
On 3-Year Program (Y/N)							
Proposed Action							
Previous Inspector's Name	Garry Roberts		Previous Assistant's Name				
Next Inspection Date	28-Apr-2014		Previous Inspection Date		18-Feb-2009		
Inspection Cycle (Default) (months)	39						
Comment							