

Bridge Inspection										
Bridge File Number	08792 -1 Bridge				Form Type	CON				
Year Built/Year Supstr	1965/1965				Lot No.	3				
Bridge or Town Name	CROWSNEST				Inspector Name	Garry Roberts				
Located Over	CROWSNEST CREEK, 2.12.37.22, WATERCRS-ST				Inspector Class	BR CLS A				
Located On	3:02 C1 1.871				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	28-Nov-2011				
Legal Land Location	SW SEC 7 TWP 8 RGE 5 W5M				Data Entry By	Erin Roberts				
Longitude, Latitude	-114:40:11, 49:37:34				Data Entry Date	05-Jan-2012				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Tom Carey				
Contract Main. Area	CMA26				Review Date	08-Dec-2011				
Clear Roadway/Skew	13.4 /				Dept. Reviewer Name	Tim Davies				
AADT/Year	6,470 / 2010 (A)				Dept. Review Date	10-Jan-2012				
Road Classification	RAU-213-120				Follow-Up By					
Detour Length (km)	5									
Allowable Load (t):	Single		Semi		Train		----> 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	EB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No	
Posted:	Lane	WB	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									
Other Sign Types	Creek identification								

Utilities (Located at)										
Utility Attachments										
Telephone	Conduit under North curb				Gas					
Power	Conduit corroded but still supports cable				Municipal					
Others	Water gauge NE corner.				Problem (Y/N)	No				
Remarks	(..cable at SE and NE.) Fibre optics @ N R/W									

Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			6	6	No passing, mild curves in distance, slight crest.				
Vertical Alignment			7	7					
Roadway Width (m)	13.400								
Approach Bump			6	6					
Guardrail (Y/N)	Yes				Wrong lap at SW and NE. Broken post and incorrect splice at SW.				
Guardrail			4	3	Not connected to bridge. Not thriebeam.				
Length (m)	25.000								
Current Standard (Y/N)	No								
Termination Type	TURNED DOWN								
Drainage			7	7					
Approach Road General Rating			6	6					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : CF, 1 Spans, Lengths(m): 12.2, 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	0.0	0.0	0.0	0.0	
Wearing Surface			7	7	
(Material Type : CONVENTIONAL CHIP SEAL COAT)					
(Thickness(mm) :)					
Deck Top			N	N	Paved over
Deck Rideability			7	7	
Deck Joints			X	X	Approach slab butts against deck.
Temperature (deg. C)					
(Expansion Type :)					
(Fixed Type : ASPHALTIC FIBRE BOARD)					
Gap Size (mm)		Gap Location			
Deck Drainage			7	7	
Drains Clogged (Y/N)		No			
Curbs/Median			6	6	Abrasion throughout.
(Curb Type : Standard)					
Scaling (Percent Area)		5			
Bridge Rail			7	7	3 A/B nuts with less then full thread engaged. Several others are just flush.
(Type : GALVANIZED STEEL LATTICE)					
Bridge Rail Posts			4	4	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)					
Bridge Rail/Posts Coating			6	6	
(Type : GALVANIZED)					
Sidewalk			X	X	
Girders			X	X	
Diaphragms/Cross Frame			X	X	
Bearings			X	X	Cast in
Temperature (deg. C)					
(Expansion Type :)					
(Fixed Type :)					
Coating Adequate (Y/N)					
Functioning (Y/N)					
Deck Underside			6	6	Minor narrow cracks. Minor flexure cracks at exterior.
Stains (Percent Area)		0			
Span Alignment Problems					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : CF, 1 Spans, Lengths(m): 12.2, A-Ident Number:)				
Superstructure General Rating		6	6	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats		N	N	
Backwalls/Breastwalls		7	7	
Wingwalls		5	5	Isolated visible rebar at surface
Piles		N	N	Buried.
Paint/Coating		X	X	
Abutment Stability		8	8	
Scour/Erosion		5	5	Minor scour above wingwall @ NW - has rock behind scour class 2 and trees at bank
Piers/Bents				
(Type :)				
Bearing Seats/Caps		X	X	
(Type :)				
Pier Shaft/Piles		X	X	
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		7	7	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : S)				
(D/S Direction : N)				
Alignment		7	7	
Bank Stability		5	5	
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		7	7	Rock guidebank at U/S
Adequacy of Opening		6	6	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				

Structure Usage				
		Last	Now	Explanation of Condition
Channel General Rating		7	6	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL	2012	Replace 1 T.T. approach post- correct splice and 3 laps.					
GALVANIZE/PAINT BRIDGE RAIL							
RETROFIT BRIDGE RAIL							
SEAL CURBS							
PATCH DECK							
SEAL DECK							
OVERLAY DECK							
REPAIR/REPLACE DECK JOINTS							
RESET/ PAINT BEARINGS							
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) (%)	72.2/72.2	Sufficiency Rating (Last/Now) (%)	69.1/67.5	Est. Repl. Yr	2030	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	Garry Roberts		Previous Assistant's Name				
Next Inspection Date	28-Aug-2013		Previous Inspection Date	17-May-2010			
Inspection Cycle (Default) (months)	21						
Comment							