

Bridge Inspection							
Bridge File Number	00259 -1 Bridge			Form Type	PCS		
Year Built/Year Supstr	1961/1961			Lot No.	4		
Bridge or Town Name	PINCHER CREEK			Inspector Name	Calvin Roberts		
Located Over	KETTLES CREEK, 2.12.31.4, WATERCRS-ST			Inspector Class	BR CLS B		
Located On	785:02 C1 0.794			Assistant Name			
Water Body Cl./Year				Assistant Class			
Navigabil. Cl./Year				Inspection Date	28-Nov-2012		
Legal Land Location	NE SEC 23 TWP 6 RGE 30 W4M			Data Entry By	Lauren Korte		
Longitude, Latitude	-113:55:37, 49:29:32			Data Entry Date	19-Dec-2012		
Road Authority	Alberta Transportation (AIT)			Reviewer Name	Garry Roberts		
Contract Main. Area	CMA26			Review Date	02-Dec-2012		
Clear Roadway/Skew	8.4 /			Dept. Reviewer Name	Tim Davies		
AADT/Year	1,890 / 2011 (A)			Dept. Review Date	27-Dec-2012		
Road Classification	RCU-208-110			Follow-Up By			
Detour Length (km)	1						
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		24.0	Semi	40.0	Truck Train	54.0
Posted:	Lane	EB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N) Yes
Posted:	Lane	WB	At Junction (Y/N)	Yes	In Advance (Y/N)	Yes	At Bridge (Y/N) No
Remarks	List on file states bridge should be posted 24/40/54 t-signs						
Hazard Marker At Bridge (Y/N)	Yes						
Remarks	Posted loading sign 80m in advance East and West.						
Other Sign Types							

Utilities (Located at)			
Utility Attachments			
Telephone	X channel North.		Gas 100m East.
Power	4 wire 100m East.		Municipal In area.
Others	Cable - under bridge.		Problem (Y/N) No
Remarks	Being in townsite utilities are not clearly displayed.		

Approach Road				
		Last	Now	Explanation of Condition
Horizontal Alignment		6	6	Intersection 80m East.
Vertical Alignment		7	7	EAST OF M.D. SHOP
Roadway Width (m)	8.600			
Approach Bump		7	7	
Guardrail (Y/N)	Yes			3m radius at each corner.
Guardrail		6	6	Wrong lap at SE but off of roadway. Not thriebeam.
Length (m)	3.000			
Current Standard (Y/N)	No			
Termination Type	BULB			
Drainage		6	6	
Approach Road General Rating		6	6	

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : PG, 1 Spans, Lengths(m): 8.5, 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 : ACP)					
(Thickness(mm) : 50)					
Lateral Connection Problem (Y/N)		No			
Deck Top			N	N	
Deck Rideability			7	7	
Deck Joints			N	N	Paved.
Bump (Y/N)		No			
Deck Drainage			7	7	
Drains Clogged (Y/N)		No			
Curbs/Median			6	6	
(Curb Type : Standard)					
Scaling (Percent Area)		5			
Bridge Rail			7	7	Some pitting and peeling.
(Type : FLEX BEAM)					
Bridge Rail Posts			5	5	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)					
Bridge Rail/Posts Coating			4	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			6	6	Grout poured btwn gird. 3 girders with deck patches- good condition.
Last Complete Inspection Date		28-Nov-2012			
Cracking (Y/N)		Yes			
Spalling (Percent Area)		0			
Lift or Connector Pocket Grouted (Y/N)		Yes			
(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) : 1600)					
(Total Number of Caps/Corbels : 1:1)					
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) : 300)					
(Width(mm) : 300)					
Backwalls/Breastwalls				6	6
Greatest Height (m)		2.40			
Wingwalls				5	5
(Total Number of Bearing Piles : 7:7)					
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last	0	0	0	0	
Now	0	0	0	0	
Piles				5	5
Paint/Coating				X	X
Abutment Stability				6	6
Scour/Erosion				5	5
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				7	5
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)	No			
Substructure General Rating		5	5	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : S)				
(D/S Direction : N)				
Alignment		7	7	
Bank Stability		3	6	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection (Type :)		3	7	Class rock placed.
Guidebank/Spurs		X	X	
Adequacy of Opening		4	5	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		3	5	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
SEAL CURBS							
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							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	61.1/61.1	Sufficiency Rating (Last/Now) (%)	63.3/65.8	Est. Repl. Yr	2025	Maint. Req. (Y/N)	No
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-Feb-2016		Previous Inspection Date	10-Sep-2009			
Inspection Cycle (Default) (months)	39						
Comment							