

Bridge Inspection									
Bridge File Number	73638 -2 Bridge				Form Type	PCS			
Year Built/Year Supstr	2012/2012				Lot No.	4			
Bridge or Town Name	PINCHER CREEK				Inspector Name	Garry Roberts			
Located Over	KETTLES CREEK, 2.12.31.4, WATERCRS-ST				Inspector Class	BR CLS A			
Located On	6:04 C1 43.047				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	05-Nov-2012			
Legal Land Location	NE SEC 14 TWP 6 RGE 30 W4M				Data Entry By	Anne Roberts			
Longitude, Latitude	-113:56:12, 49:28:46				Data Entry Date	07-Dec-2012			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Ash Morjaria			
Contract Main. Area	CMA26				Review Date	09-Nov-2012			
Clear Roadway/Skew	11.2 /				Dept. Reviewer Name	Tim Davies			
AADT/Year	1,110 / 2011 (A)				Dept. Review Date	10-Dec-2012			
Road Classification	RAU-210-110				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:	CL800						----> Primary Span		
Posting Information									
Required Load Posting (t)	Single				Semi		Truck Train		
Posted Loading (t)	Single				Semi		Truck Train		
Posted:	Lane	WB	At Junction (Y/N)		In Advance (Y/N)		At Bridge (Y/N)		
Posted:	Lane	EB	At Junction (Y/N)		In Advance (Y/N)		At Bridge (Y/N)		
Remarks	Not Req'd								
Hazard Marker At Bridge (Y/N)	Yes								
Remarks									
Other Sign Types									
Utilities (Located at)									
Utility Attachments									
Telephone	Crosses road 30 m North				Gas	Alta Gas substation NE			
Power	East ROW				Municipal				
Others					Problem (Y/N)	No			
Remarks									
Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment				7	Residential access 30 m South.				
Vertical Alignment				6	Limited site distance South. Posted for 50km/hr.				
Roadway Width (m)	10.000								
Approach Bump				8					
Guardrail (Y/N)	Yes								
Guardrail				8					
Length (m)	22.000								
Current Standard (Y/N)	Yes								
Termination Type	Attenuators								
Drainage				8					
Approach Road General Rating				6					

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : SLC, 1 Spans, Lengths(m): 16, 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			9	
(Material Type : ACP)				
(Thickness(mm) : 80)				
Lateral Connection Problem (Y/N)	No			
Deck Top			N	Paved over
Deck Rideability			9	
Deck Joints			N	Paved over
Bump (Y/N)	No			
Deck Drainage			7	No deck drains. Drains on grade.
Drains Clogged (Y/N)				
Curbs/Median			9	
(Curb Type : Standard)				
Scaling (Percent Area)	0			
Bridge Rail			9	
(Type : GALVANIZED STEEL BRIDGE TUBE)				
Bridge Rail Posts			9	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)				
Bridge Rail/Posts Coating			9	
(Type : GALVANIZED)				
Sidewalk			X	
Girder Detail Ratings				
	N (count)	1 (count)	2 (count)	3 (count)
Last				
Now	0	0	0	0
Girders			9	
Last Complete Inspection Date	05-Nov-2012			
Cracking (Y/N)	No			
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			9	

Substructure					
Bridge Component		Last	Now	Explanation of Condition	
Abutments					
(Extended Backwall Piles (Y/N) :)					
(Extended Backwall Piles Spacing(mm) :)					
(Total Number of Caps/Corbels : 1:1)					
Bearing Seats/Caps/Corbels Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now	0	0	0	0	
Bearing Seats/Caps/Corbels					9
(Type : CONCRETE)					
(Depth(mm) : 1000)					
(Width(mm) : 650)					
Backwalls/Breastwalls					9
Greatest Height (m)		1.00			
Wingwalls					9
(Total Number of Bearing Piles : 7:7)					
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now	14	0	0	0	
Piles					N
Paint/Coating					9
Pigmented sealer					
Abutment Stability					9
Scour/Erosion					9
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
(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
Greatest Height (m)					
Bracing/Struts/Sheathing					X
Nose Plate					X
Paint/Coating					X
(Colour Description :)					
(Colour Code :)					
Pier Stability					X

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Scour			X	
Debris (Y/N)	No			
Substructure General Rating			9	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				Golf course service bridge u/s within 100 m.
(D/S Direction : E)				
Alignment			7	
Bank Stability			8	
HWM (m below Top of Curb)				No visible HWM
Drift (Y/N)	No			
Slope Protection			9	
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs			X	
Adequacy of Opening			8	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating			7	

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) (%)	/100.0	Sufficiency Rating (Last/Now) (%)	/83.7	Est. Repl. Yr	2085	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			Previous Assistant's Name				
Next Inspection Date	05-Aug-2014		Previous Inspection Date				
Inspection Cycle (Default) (months)	21						
Comment							