

Bridge Inspection									
Bridge File Number	73523 -1 Bridge				Form Type	PCS			
Year Built/Year Supstr	1981/1981				Lot No.	4			
Bridge or Town Name	PRIDDIS				Inspector Name	Calvin Roberts			
Located Over	FISH CREEK, 2.13.31, WATERCRS-ST				Inspector Class	BR CLS B			
Located On	762:02 C1 16.585				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	29-Jan-2013			
Legal Land Location	NE SEC 18 TWP 22 RGE 4 W5M				Data Entry By	Lauren Korte			
Longitude, Latitude	-114:31:59, 50:52:29				Data Entry Date	01-Mar-2013			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Garry Roberts			
Contract Main. Area	CMA27				Review Date	03-Feb-2013			
Clear Roadway/Skew	10.1 / -23 deg. (LHF)				Dept. Reviewer Name	Tim Davies			
AADT/Year	1,140 / 2011 (A)				Dept. Review Date	04-Mar-2013			
Road Classification	RCU-209-110				Follow-Up By				
Detour Length (km)	20								
Allowable Load (t):	Single	CS1 28	Semi	CS2 49	Train	CS3 62	----> On Critical Spans ---->Critical Member		
Design Loading:	MS23						----> 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	Burby bridge sign NW & SE corner-curve.								
Utilities (Located at)									
Utility Attachments									
Telephone	West ditch/ East ditch.				Gas	Crossing 120m North.			
Power	East fenceline-1 wire.				Municipal				
Others	Gas 50m East.				Problem (Y/N)	No			
Remarks									
Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			6	6	Curve to North.				
Vertical Alignment			6	6	On grade hills to North and South.				
Roadway Width (m)	8.600								
Approach Bump			6	6					
Guardrail (Y/N)	Yes				Missing 3 splice bolts at NW, 1 at NE.				
Guardrail			4	4					
Length (m)	15.240				Not thrie beam.				
Current Standard (Y/N)	No								
Termination Type	TURN DOWN ENDS								
Drainage			5	5					
Approach Road General Rating			6	6					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : SM, 3 Spans, Lengths(m): 11-11-11, 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	100.0	0.0	0.0	0.0	
Wearing Surface			5	N	(Cracking between most girders and random throughout) Oct 1/09. Snow covered.
(Material Type : ACP)					
(Thickness(mm) : 50)					
Lateral Connection Problem (Y/N)		No			
Deck Top			N	N	ACP Covered.
Deck Rideability			7	7	
Deck Joints			7	N	(Koch joints at piers). Snow covering.
Bump (Y/N)		No			
Deck Drainage			5	5	No deck drains.
Drains Clogged (Y/N)					
Curbs/Median			7	N	Snow covered.
(Curb Type : Standard)					
Scaling (Percent Area)		0			
Bridge Rail			8	7	
(Type : GALVANIZED STEEL BRIDGE TUBE)					
Bridge Rail Posts			8	7	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)					
Bridge Rail/Posts Coating			6	6	
(Type : GALVANIZED)					
Sidewalk			X	X	
Girder Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	Connector staining most girder undersides.
Last	0	0	0	0	
Now	0	0	0	0	
Girders			5	5	G9SP1 - narrow long crack full length of girder - no staining- curb. G1S1-3 med dia. crack @ pier 1 looks to be close to 500mm long, no staining - curb. HL longitudinal cracks on bottom of several girders. Number of girders have typ. "Sm" diagonal cracks on bottom.
Last Complete Inspection Date		29-Jan-2013			
Cracking (Y/N)		Yes			
Spalling (Percent Area)		0			
Lift or Connector Pocket Grouted (Y/N)		Yes			
(Number Of Girders : 27)					
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) : 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	0	0	0	0		
Now	0	0	0	0		
Bearing Seats/Caps/Corbels				7	7	
(Type : CONCRETE)						
(Depth(mm) : 630)						
(Width(mm) : 500)						
Backwalls/Breastwalls				N	N	
T.T. backwalls visible only at ends.						
Greatest Height (m)		1.00				
Wingwalls				8	7	
(Total Number of Bearing Piles : 0:0)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last	1	0	0	0		
Now	1	0	0	0		
Piles				N	N	
Paint/Coating				5	N	
Abutment Stability				8	8	
Scour/Erosion				5	5	
Deck drainage drains to South headslope causing minor erosion.						
Piers/Bents						
(Type : PIER-COLUMN)						
(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				7	7	
(Type : CONCRETE)						
(Depth(mm) : 630)						
(Width(mm) : 450)						
(Total Number of Bearing Piles : 6:6)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last	0	0	0	0		
Now	0	0	0	0		
Pier Shaft/Piles				8	7	
Greatest Height (m)		4.60				
Bracing/Struts/Sheathing				8	7	
Nose Plate				X	X	
Paint/Coating				4	4	
Paint flaking off pier cap ends & off piles and bracing.						
(Colour Description :)						
(Colour Code :)						

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		8	8	
Scour		8	8	
Debris (Y/N)	No			
Substructure General Rating		7	7	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				Small channel spills into creek from South 20m u/s of bridge. Main channel curves.
(D/S Direction : E)				
Alignment		6	6	
Bank Stability		7	7	
HWM (m below Top of Curb)	1.3			
Drift (Y/N)	No			
Slope Protection		7	7	
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs		7	7	U/S west bank.
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		6	6	

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) (%)	66.7/66.7	Sufficiency Rating (Last/Now) (%)	62.1/62.1	Est. Repl. Yr	2033	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	29-Apr-2016		Previous Inspection Date	01-Oct-2009			
Inspection Cycle (Default) (months)	39						
Comment							