

Bridge Inspection									
Bridge File Number	02077 -2 Bridge				Form Type	PCS			
Year Built/Year Supstr	2007/2007				Lot No.	4			
Bridge or Town Name	SEVEN PERSON				Inspector Name	Jon Davies			
Located Over	SEVEN PERSONS CREEK, 2.7.1, WATERCRS-ST				Inspector Class	BR CLS B			
Located On	887:04 C1 49.826				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	25-Jun-2012			
Legal Land Location	SW SEC 3 TWP 11 RGE 7 W4M				Data Entry By	Lauren Korte			
Longitude, Latitude	-110:53:21, 49:52:40				Data Entry Date	25-Jul-2012			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Garry Roberts			
Contract Main. Area	CMA23				Review Date	09-Jul-2012			
Clear Roadway/Skew	8.9 /				Dept. Reviewer Name	Tim Davies			
AADT/Year	230 / 2011 (A)				Dept. Review Date	30-Jul-2012			
Road Classification	RCU-209-110				Follow-Up By				
Detour Length (km)	6								
Allowable Load (t):	Single		Semi		Train		----> On Critical Spans ---->Critical Member		
Design Loading:							----> 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 req.								
Hazard Marker At Bridge (Y/N)	Yes								
Remarks									
Other Sign Types									
Utilities (Located at)									
Utility Attachments									
Telephone	West Ditch				Gas				
Power	3 wire east ditch, 4 wire x's road 20m S				Municipal				
Others					Problem (Y/N)	No			
Remarks									
Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			7	7	Residential access at SW.				
Vertical Alignment			8	8					
Roadway Width (m)	9.000								
Approach Bump			8	8					
Guardrail (Y/N)	Yes								
Guardrail			6	8					
Length (m)	40.000								
Current Standard (Y/N)	Yes				Rounded 3 sections at NW access with wing end.				
Termination Type	Turndown								
Drainage			8	8					
Approach Road General Rating			7	7					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : SC, 1 Spans, Lengths(m): 12.8, 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			X	X	
(Material Type :)					
(Thickness(mm) :)					
Lateral Connection Problem (Y/N)		No			
Deck Top			9	8	
Deck Rideability			8	9	
Deck Joints			9	8	
Bump (Y/N)		No			
Deck Drainage			9	9	No drains.
Drains Clogged (Y/N)		No			
Curbs/Median			X	X	No curb - plinths.
(Curb Type : Standard)					
Scaling (Percent Area)					
Bridge Rail			9	9	
(Type : STEEL THRIE BEAM)					
Bridge Rail Posts			9	9	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)					
Bridge Rail/Posts Coating			9	9	
(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			9	7	Hairline longitudinal cracking on underside. 4 of 8 girders.
Last Complete Inspection Date		25-Jun-2012			
Cracking (Y/N)		Yes			
Spalling (Percent Area)					
Lift or Connector Pocket Grouted (Y/N)		Yes			
(Number Of Girders : 8)					
Span Alignment Problems					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			
Superstructure General Rating			9	7	

Substructure						
Bridge Component		Last	Now	Explanation of Condition		
Abutments						
(Extended Backwall Piles (Y/N) : Y)						
(Extended Backwall Piles Spacing(mm) : 1800)						
(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				9	9	
(Type : STEEL)						
(Depth(mm) : 305)						
(Width(mm) : 305)						
Backwalls/Breastwalls				9	9	Galvanized backwalls and wingwalls.
Greatest Height (m)		3.00				
Wingwalls				9	9	
(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		
Piles				9	9	Galvanized piles.
Paint/Coating				9	9	Galvanized.
Abutment Stability				9	9	
Scour/Erosion				9	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	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)	No			
Substructure General Rating		9	9	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				Curves Upstream.
(D/S Direction : E)				
Alignment		5	5	
Bank Stability		7	7	
HWM (m below Top of Curb)	0.8			No HWM visible.
Drift (Y/N)	No			
Slope Protection		9	9	
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs		X	X	
Adequacy of Opening		9	9	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		5	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) (%)	100.0/88.9	Sufficiency Rating (Last/Now) (%)	80.0/75.1	Est. Repl. Yr	2067	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	25-Sep-2015		Previous Inspection Date	15-Jun-2009			
Inspection Cycle (Default) (months)	39						
Comment							