

Bridge Inspection									
Bridge File Number	76607 -1 Bridge				Form Type	PCS			
Year Built/Year Supstr	1967/1994				Lot No.	4			
Bridge or Town Name	DEBOLT				Inspector Name	Russel Vanderschaaf			
Located Over	TRIBUTARY TO DEBOLT CREEK, 8.10.58.17.2.1.1.1, WATERCRS-ST				Inspector Class	BR CLS B			
Located On	736:02 C1 5.076				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	16-Sep-2010			
Legal Land Location	SW SEC 25 TWP 72 RGE 1 W6M				Data Entry By	Theresa Lacusta			
Longitude, Latitude	-118:01:33, 55:15:33				Data Entry Date	05-Oct-2010			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Arnold Assenheimer			
Contract Main. Area	CMA05				Review Date	29-Sep-2010			
Clear Roadway/Skew	9.1 /				Dept. Reviewer Name	Steve Pasquan			
AADT/Year	140 / 2009 (A)				Dept. Review Date	18-Nov-2010			
Road Classification	RCU-209-110				Follow-Up By				
Detour Length (km)	12								
Allowable Load (t):	Single	CS1 28	Semi	CS2 49	Train	CS3 62	----> On Critical Spans ---->Critical Member		
Design Loading:	CS750						----> 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									
Hazard Marker At Bridge (Y/N)	Yes								
Remarks	Not attached to rail, 900 too low, @ NW.								
Other Sign Types									

Utilities (Located at)									
Utility Attachments									
Telephone	West side & through N abut.				Gas				
Power	East side - 2 wire				Municipal				
Others	Electric fencing wire				Problem (Y/N)	No			
Remarks	Farmer takes elec. wire from E to W side thru tube.(original)								

Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			7	7	Intersection 100m S.				
Vertical Alignment			8	8					
Roadway Width (m)	8.400								
Approach Bump			8	8					
Guardrail (Y/N)	Yes								
Guardrail			6	6					
Length (m)	14.200								
Current Standard (Y/N)	No								
Termination Type	TURNED DOWN								
Drainage			8	8					
Approach Road General Rating			7	7					

Superstructure						
Bridge Component				Last	Now	Explanation of Condition
(Primary Span : SC, 1 Spans, Lengths(m): 6.1, 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						
Wearing Surface				6	8	
(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 over.
Bump (Y/N)	No					
Deck Drainage				6	6	
Drains Clogged (Y/N)						
Curbs/Median				5	5	Chipped around lifting pockets.
(Curb Type : Standard)						
Scaling (Percent Area)	1					
Bridge Rail				7	7	
(Type : GALVANIZED STEEL BRIDGE TUBE)						
Bridge Rail Posts				7	7	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)						
Bridge Rail/Posts Coating				7	7	
(Type : GALVANIZED)						
Sidewalk				X	X	
Girder Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last	9	0	0	0		
Now	9	0	0	0		
Girders				N	N	Water too deep.
Last Complete Inspection Date						
Cracking (Y/N)	No					
Spalling (Percent Area)	0					
Lift or Connector Pocket Grouted (Y/N)	No					
(Number Of Girders : 9)						
Span Alignment Problems						
Vertical (Y/N)	No					
Horizontal (Y/N)	No					
Superstructure General Rating				7	7	GR carried forward.

Substructure								
Bridge Component				Last	Now	Explanation of Condition		
Abutments								
(Extended Backwall Piles (Y/N) : N)				Viewed from banks - no evident problems. Subcap protruding 85mm.				
(Extended Backwall Piles Spacing(mm) :)								
(Total Number of Caps/Corbels : 4:4)				135 x 300 cap on top.				
Bearing Seats/Caps/Corbels Detail Ratings								
	N (count)	1 (count)	2 (count)				3 (count)	
Last								
Now	4	0	0				0	
Bearing Seats/Caps/Corbels							N	N
(Type : TREATED TIMBER)								
(Depth(mm) : 305)								
(Width(mm) : 305)								
Backwalls/Breastwalls							N	N
Greatest Height (m)		2.20						
Wingwalls				5	5	Top board NE corner broken.		
(Total Number of Bearing Piles : 11:12)				(A1P5 split 750mm long, 25mm wide at top - 2004/03/01)				
Piles Detail Ratings								
	N (count)	1 (count)	2 (count)				3 (count)	
Last								
Now	11	0	0				0	
Piles							N	N
Paint/Coating							X	X
Abutment Stability							7	7
Scour/Erosion							N	N
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			

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Paint/Coating		X	X	
(Colour Description :)				
(Colour Code :)				
Pier Stability		X	X	
Scour		X	X	
Debris (Y/N)	Yes			Old piles.
Substructure General Rating		4	4	GR carried forward.

Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : E)				
(D/S Direction : W)				
Alignment		7	7	
Bank Stability		7	7	
HWM (m below Top of Curb)				Hwm not visible.
Drift (Y/N)	No			
Slope Protection		7	7	
(Type :)				
Guidebank/Spurs		X	X	
Adequacy of Opening		6	6	
(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) (%)	61.1/61.1	Sufficiency Rating (Last/Now) (%)	67.8/68.1	Est. Repl. Yr	2044	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	Eric Carcoux		Previous Assistant's Name				
Next Inspection Date	16-Dec-2013		Previous Inspection Date	27-May-2007			
Inspection Cycle (Default) (months)	39						
Comment							