

Bridge Inspection											
Bridge File Number	74462 -1 Bridge					Form Type	PCS				
Year Built/Year Supstr	1995/1995					Lot No.	2				
Bridge or Town Name	ELLSCOTT					Inspector Name	Todd Warshawski				
Located Over	PINE CREEK, 8.11.55.5, WATERCRS-ST					Inspector Class	BR CLS B				
Located On	827:04 C1 16.148					Assistant Name					
Water Body Cl./Year						Assistant Class					
Navigabil. Cl./Year						Inspection Date	08-Mar-2010				
Legal Land Location	SW SEC 30 TWP 63 RGE 21 W4M					Data Entry By	Theresa Lacusta				
Longitude, Latitude	-113:10:54, 54:28:15					Data Entry Date	25-Mar-2010				
Road Authority	Alberta Transportation (AIT)					Reviewer Name	Arnold Assenheimer				
Contract Main. Area	CMA10					Review Date	11-Mar-2010				
Clear Roadway/Skew	12.9 / 0 deg.					Dept. Reviewer Name	Brent Herrick				
AADT/Year	220 / 2008 (A)					Dept. Review Date	25-Mar-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)			In Advance (Y/N)				At Bridge (Y/N)	
Posted:	Lane	SB	At Junction (Y/N)			In Advance (Y/N)				At Bridge (Y/N)	
Remarks											
Hazard Marker At Bridge (Y/N)											
Remarks											
Other Sign Types											

Utilities (Located at)											
Utility Attachments											
Telephone	West r/w crossing North of bridge.					Gas					
Power	East r/w crossing South of bridge.(100m)					Municipal					
Others						Problem (Y/N)		No			
Remarks											

Approach Road										
		Last	Now	Explanation of Condition						
Horizontal Alignment		7	7	Intersection with T634 to South. Slight sag curve.						
Vertical Alignment		7	7							
Roadway Width (m)	9.600				Wide cracks in NB approach ACP. Slight bump on SB approach.					
Approach Bump	N	6								
Guardrail (Y/N)	No									
Guardrail	X	X								
Length (m)										
Current Standard (Y/N)										
Termination Type										
Drainage	N	7								
Approach Road General Rating	7	7								

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : SC, 1 Spans, Lengths(m): 12, 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			X	X	
(Material Type :)					
(Thickness (mm) :)					
Lateral Connection Problem (Y/N)		No			
Deck Top			N	6	Some abrasion damage. Edge spall S. end of G6, surface cracks.
Deck Rideability			7	7	
Deck Joints			N	N	Covered in ACP.
Bump (Y/N)		No			
Deck Drainage			N	6	No drains.
Drains Clogged (Y/N)					
Curbs/Median			N	6	Vertical cracking in curb face. Map cracking on exterior curb fascia. Minor plow scrapes on both curbs.
(Curb Type : Standard)					
Scaling (Percent Area)		5			
Bridge Rail			N	7	Double layer. .
(Type : GALVANIZED STEEL FLEX BEAM)					
Bridge Rail Posts			N	7	
(Type : POST STEEL;POST STEEL)					
Bridge Rail/Posts Coating			N	7	
(Type : GALVANIZED)					
Sidewalk			X	X	
Girder Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now	0	0	0	4	
Girders			5	3	Narrow longitudinal cracks on top side of G4-G7 North end. Edge spall on top side of G6, South end. Check count next inspection.
Last Complete Inspection Date					
Cracking (Y/N)		Yes			
Spalling (Percent Area)		0			
Lift or Connector Pocket Grouted (Y/N)					
(Number Of Girders : 12)					
Span Alignment Problems					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			
Superstructure General Rating			5	3	

Substructure					
Bridge Component		Last	Now	Explanation of Condition	
Abutments					
(Extended Backwall Piles (Y/N) : Y)				File tag attached. Spacing: 1.9m	
(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					
Bearing Seats/Caps/Corbels			8	7	
(Type : STEEL)					
(Depth (mm) : 300)					
(Width (mm) : 300)					
Backwalls/Breastwalls			8	7	
Greatest Height (m)		3.00			
Wingwalls			8	7	
(Total Number of Bearing Piles : 9:9)					
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last				Piles anchored with rockwall scab clamp.	
Now					
Piles			8	8	
Paint/Coating			4	4	
Abutment Stability			8	8	
Scour/Erosion			8	8	
Piers/Bents					
(Type :)		(Deck to streambed - 3.7m. 19/Sept/2003)			
(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)	No			
Substructure General Rating		8	7	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : E)				
(D/S Direction : W)				
Alignment		6	7	
Bank Stability		N	7	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection		N	7	
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs		X	X	
Adequacy of Opening		8	8	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		6	7	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
REPAIR/SEAL CURBS							
PATCH DECK							
OVERLAY DECK	2010	Seal coat top of girders.					
STRAIGHTEN/REPLACE MEMBERS							
WASHING	2010	Wash bridge					
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	2010	Crack sealing on top at G4-G7.					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	72.2/55.6	Sufficiency Rating (Last/Now) (%)	72.2/67.4	Est. Repl. Yr	2040	Maint. Req. (Y/N)	Yes
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	Jason Saly		Previous Assistant's Name				
Next Inspection Date	08-Jun-2013		Previous Inspection Date	30-Nov-2006			
Inspection Cycle (Default) (months)	39						
Comment							