

Bridge Inspection									
Bridge File Number	08174 -1 Bridge				Form Type	PCS			
Year Built/Year Supstr	1991/1991				Lot No.	4			
Bridge or Town Name	ROCKY MT HOU				Inspector Name	Owen Salava			
Located Over	LOBSTICK CREEK, 3.88.12.4, WATERCRS-ST				Inspector Class	BR CLS A			
Located On	12:04 C1 14.861				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	29-Aug-2012			
Legal Land Location	SW SEC 30 TWP 40 RGE 5 W5M				Data Entry By	Marcia Chavez			
Longitude, Latitude	-114:43:07, 52:27:54				Data Entry Date	04-Oct-2012			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	John O'Brien			
Contract Main. Area	CMA18				Review Date	06-Sep-2012			
Clear Roadway/Skew	11.9 /				Dept. Reviewer Name	Andrew Smikles			
AADT/Year	1,030 / 2011 (A)				Dept. Review Date	16-Oct-2012			
Road Classification	RAU-211.8-110				Follow-Up By				
Detour Length (km)	6								
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	EB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No	
Posted:	Lane	WB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No	
Remarks	Not required.								
Hazard Marker At Bridge (Y/N)	No								
Remarks	Not required.								
Other Sign Types	Lobstick Creek.								
Utilities (Located at)									
Utility Attachments									
Telephone	South r/w.				Gas				
Power	3 wires 25.0 m North of c/l.				Municipal				
Others					Problem (Y/N)	No			
Remarks									
Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			8	8	Intersection 100m West.				
Vertical Alignment			7	7	Bottom of long sag curve.				
Roadway Width (m)	11.900				Insufficient posts & length. 1st three posts not blocked. Minor tear to section at NE.				
Approach Bump			4	7					
Guardrail (Y/N)	Yes								
Guardrail			7	7					
Length (m)	24.700								
Current Standard (Y/N)	No								
Termination Type	TURNED DOWN								
Drainage			6	6					
Approach Road General Rating			7	7					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : SCC, 3 Spans, Lengths(m): 10-10-10, 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			6	6	Chipseal over concrete deck - random cracks - narrow 1 longitudinal crack in WBL.
(Material Type : ACP - CONVENTIONAL CHIP SEAL COAT)					
(Thickness(mm) : 90)					
Lateral Connection Problem (Y/N)		No			
Deck Top			N	N	
Deck Rideability			7	7	
Deck Joints			N	N	Buffer angles - paved over.
Bump (Y/N)		No			
Deck Drainage			5	5	
Drains Clogged (Y/N)		No			
Curbs/Median			5	5	Pop-out on fascia side & top - minor. Snow plow scrapes (minor). South curb top scaling.
(Curb Type : Standard)					
Scaling (Percent Area)		20			
Bridge Rail			8	8	
(Type : GALVANIZED STEEL BRIDGE TUBE)					
Bridge Rail Posts			8	8	
(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	0	0	0	0	
Now	0	0	0	0	
Girders			6	6	Small spall around S2 SE drain in deck U/S - photo.
Last Complete Inspection Date		29-Aug-2012			
Cracking (Y/N)		No			
Spalling (Percent Area)		0			
Lift or Connector Pocket Grouted (Y/N)		Yes			
(Number Of Girders : 33)					
Span Alignment Problems					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			
Superstructure General Rating			6	6	

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 : :)						
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) :)						
(Width(mm) :)						
Backwalls/Breastwalls				N	N	
Greatest Height (m)		1.00				
Wingwalls				7	7	
(Total Number of Bearing Piles : 0:0)				Unknown.		
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last	100	0	0	0		
Now	100	0	0	0		
Piles				N	N	
Paint/Coating				5	5	
Abutment Stability				8	8	
Scour/Erosion				8	8	
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) : 750)						
(Width(mm) : 710)						
(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	8	
Greatest Height (m)		2.90				
Bracing/Struts/Sheathing				8	8	
Nose Plate				X	X	
Paint/Coating				8	8	
(Colour Description :)						
(Colour Code :)						
				Galvanized		

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 : N)				Low banks vertical. Minor sloughing. D/S of crossing - not affecting bridge.
(D/S Direction : S)				
Alignment		7	7	
Bank Stability		5	5	
HWM (m below Top of Curb)	2.6			Silt line on A2 riprap. Multiple beaver dams u/s & under bridge.
Drift (Y/N)	Yes			
Slope Protection		8	8	
(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		7	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) (%)	72.2/72.2	Sufficiency Rating (Last/Now) (%)	69.8/69.8	Est. Repl. Yr	2045	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	Owen Salava		Previous Assistant's Name				
Next Inspection Date	29-May-2014		Previous Inspection Date	25-Aug-2010			
Inspection Cycle (Default) (months)	21						
Comment							