

Bridge Inspection									
Bridge File Number	07892 -1 Bridge				Form Type	PCS			
Year Built/Year Supstr	1961/1961				Lot No.	1			
Bridge or Town Name	CONSORT				Inspector Name	Jason Saly			
Located Over	MONITOR CREEK, 4.4.2.3, WATERCRS-ST				Inspector Class	BR CLS A			
Located On	886:08 C1 21.556				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	23-Nov-2010			
Legal Land Location	NW SEC 35 TWP 33 RGE 6 W4M				Data Entry By	Marcia Chavez			
Longitude, Latitude	-110:45:39, 51:52:30				Data Entry Date	06-Jan-2011			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	John O'Brien			
Contract Main. Area	CMA22				Review Date	11-Dec-2010			
Clear Roadway/Skew	10 /				Dept. Reviewer Name	Chris Black			
AADT/Year	350 / 2009 (A)				Dept. Review Date	12-Jan-2011			
Road Classification	RCU-210-110				Follow-Up By				
Detour Length (km)	13								
Allowable Load (t):	Single	CS1 28 GIRDER	Semi	CS2 49 GIRDER	Train	CS3 67 GIRDER	----> On Critical Spans ---->Critical Member		
Design Loading:	HS20						----> 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	Check load capacity of G girders relative to highway loading.								
Hazard Marker At Bridge (Y/N)	Yes								
Remarks	Mounted 200mm offline-outside curb face.								
Other Sign Types									
Utilities (Located at)									
Utility Attachments									
Telephone	West r/w.				Gas				
Power					Municipal				
Others					Problem (Y/N)	No			
Remarks	Water gaging station NE corner								
Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			8	7	Approach 9m to the NE side. Bottom of sag. No passing both directions. Limited sight distance.				
Vertical Alignment			6	6					
Roadway Width (m)	9.500				Recently patched				
Approach Bump			5	5					
Guardrail (Y/N)	Yes								
Guardrail			7	7					
Length (m)	11.700				Insufficient length & posts Typical all corners.				
Current Standard (Y/N)	No								
Termination Type	TURNDOWN ENDS								
Drainage			7	N					
Approach Road General Rating			6	6					

Superstructure						
Bridge Component		Last	Now	Explanation of Condition		
(Primary Span : HH, 3 Spans, Lengths(m): 8.5-8.5-8.5, 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	10		
Now	0.0	0.0	0.0	2.0		
Wearing Surface			3	3	Girder separation cracking ACP Cracking between all girders up to 60mm ACP missing on S span along PG girders.	
(Material Type : ACP - CONVENTIONAL CHIP SEAL COAT)						
(Thickness(mm) : 60)						
Lateral Connection Problem (Y/N)						
Deck Top			N	N		
Deck Rideability			3	4	Due to wide gaps along girders	
Deck Joints			N	N	Paved over.	
Bump (Y/N)		No				
Deck Drainage			6	N	Snow covered.	
Drains Clogged (Y/N)		No				
Curbs/Median			3	4	4 spalled areas on outside curb affecting post anchorage Also spalled at inside face with hole in west curb of span 2.	
(Curb Type : Standard)						
Scaling (Percent Area)		2				
Bridge Rail			6	6	Single layer with splice between posts Post anchorage weakened by spall curb. (3 posts with nuts not tightened on A/B. 10Feb2009).	
(Type : GALVANIZED STEEL FLEX BEAM)						
Bridge Rail Posts			4	N		
(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)		
Last	0	0	0	17		
Now	0	0	0	12		
Girders			3	3	5 girders S1 w/2 legs cracked in AZ 5 girders S2 w/2 legs cracked in AZ 3 girders S3 w/2 legs cracked in AZ Sp3 G10 and G11 are Type G girders on T.T. blocks (Curb lift pockets not grouted. 10Feb2009).	
Last Complete Inspection Date		23-Nov-2010				
Cracking (Y/N)		Yes				
Spalling (Percent Area)		2				
Lift or Connector Pocket Grouted (Y/N)		No				
(Number Of Girders : 36)						
Span Alignment Problems						
Vertical (Y/N)		No				
Horizontal (Y/N)		No				
Superstructure General Rating			3	3		

Substructure						
Bridge Component		Last	Now	Explanation of Condition		
Abutments						
(Extended Backwall Piles (Y/N) : Y)						
(Extended Backwall Piles Spacing(mm) : 1500)						
(Total Number of Caps/Corbels : 3:4)				3 caps at Abut 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				6	5	
(Type : TREATED TIMBER)						
(Depth(mm) : 305)						
(Width(mm) : 305)						
Backwalls/Breastwalls			4	5		
Greatest Height (m)		1.70		Loss of fill under inside breastwall N abutment - minor.		
Wingwalls			7	6		
(Total Number of Bearing Piles : 9:9)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last	0	0	0	0		
Now	0	0	0	0		
Piles				5	5	
Paint/Coating				X	X	
Abutment Stability				6	6	
Scour/Erosion				5	5	
Piers/Bents						
(Type : PIER-COLUMN)						
(Total Number of Caps/Corbels : 4:5)						
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				6	6	
(Type : TREATED TIMBER)						
(Depth(mm) : 305)						
(Width(mm) : 356)						
(Total Number of Bearing Piles : 10:9)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last	0	0	0	0		
Now	0	0	0	0		
Pier Shaft/Piles				6	5	
Greatest Height (m)		3.80		Pier 1 has 1 100x305 T.T. on top of caps Pier 2 has 2 - 100x305 T.T. on top of caps		
Bracing/Struts/Sheathing			7	6		
Nose Plate				X	X	
Paint/Coating				X	X	
(Colour Description :)						
(Colour Code :)						

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		6	5	
Scour		7	N	
Debris (Y/N)	No			Fence across channel at west side
Substructure General Rating		5	5	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				U/S is West.
(D/S Direction : E)				
Alignment		7	7	
Bank Stability		7	7	
HWM (m below Top of Curb)				No visible HWM
Drift (Y/N)	No			
Slope Protection		5	5	N hslp eroding. Minor.
(Type : NATURAL; NATURAL)				
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		7	5	

Comment	
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