						Bri	idge In	nspec	tion						
Bridge File Number 07892 -1 Bridge								Form	туре			PCS			
Year Built/Year 1961/1961								Lot N	lo.			1			
Supstr							Inspe	ector N	lame		Jason Saly				
Bridge or Town Name CONSORT					\A/ATE	DOD	O OT	Inspector Class			BR CLS A				
Located Over MONITOR CREEK, 4.4.2.3, WAT Located On 886:08 C1 21.556					WAIE	(IERCKS-SI			Assistant Name						
Located On		000.00 C	1 21.556			Assi			Assistant Class						
Water Body Cl./\(\sigma\) Navigabil. Cl./Ye											23-Nov-2010				
Legal Land Loca		NIM SEC	35 T\//D	33 RGE 6	: \\/ \ \\	Data Ent						Marcia Chav			
Longitude, Latitu			35 TWI 39, 51:52:) VV -1 IVI			Data Entry Date 06-Jan-2011							
Road Authority				ation (AIT)					Reviewer Name John O'Brien						
Contract Main. A		CMA22	тапороне	20011 (7111)		Review Date				11-Dec-2010					
Clear Roadway/		10 /				Dept. Reviewer Nam									
AADT/Year		350 / 200	9 (A)							ew Date	9	12-Jan-2011			
Road Classificat		RCU-210						Follo	w-Up	Ву					
Detour Length (I		13													
Allowable Load	<u> </u>		28 DER	5	Semi		2 49 RDER			3 67> On Critic RDER>Critical M		al Spans ember			
Design Loading:		HS2	0											> Primary	Span
						Pos	sting In	nform	ation						
Required Load F	Posting	(t)	Single				Semi					Truck Train			
Posted Loading	(t)			Single				Semi				Truck Train			
Posted:	Lane	NB		At Junction	on (Y/N	_	No	In Adva		ance (Y	′/N)	No At		ridge (Y/N)	No
Posted:	Lane	SB		At Junction	•	,	No	In Advance (Y/N)		No	At Bridge (Y/N)		No		
Remarks			acity of G	girders re	elative t	to hiç	ghway	loadin	g.						
Hazard Marker At Bridge (Y/N) Yes															
Remarks Mounted 200mm offlin			offline-	outsi	de curl	b face									
Other Sign Type	S					11791	::: /!	1-	-1 -1						
Utility Attachmer	nto.					Utili	ities (L	ocate	ed at)						
Telephone	West r	·/\a_i						Gas							
Power	westi	/ VV .						Muni	cinal						
Others									lem (Y	//N) N	lo				
Remarks	Water	gaging s	ation NE	corner				1 100		/1 1) 11					
rtomanto	Trator	gaging o	.diloii i ve	0011101		Α	pproa	ch Ro	ad						
					La		Now	Explanation of Condition							
Horizontal Aligni	nent					8	7	Approach 9m to the NE side. Bottom							
Vertical Alignme	nt					6	6	of sag. No passing both directions. Limited sight distance.							
Roadway Width	(m)		9.500												
Approach Bump					5	5	Rece	Recently patched							
Guardrail (Y/N) Yes															
Guardrail				7	7										
Length (m) 11.700							Insufficient length & posts								
Current Standard (Y/N) No		No					ı ypıc	aı all	corners						
Termination Ty	Termination Type TURNDOWN ENDS			DS											
Drainage						7	N								
Approach Road General Rating					6	6									

				,	Supers	structure				
Bridge Com	ponent			Last	Now	Explanation of Condition				
	•	ns, Length	s(m): 8.5-8.5-8.5			·				
Special Feat				,						
Special Feat					X					
(Type:)										
Special Feat	ure				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 Sur	Wearing Surface				3	Girder separation cracking ACP Cracking between all girders up to				
		ONVENTIO	NAL CHIP SEA	3 COAT		60mm ACP missing on S span along PG girders.				
(Thickness	•	J. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			' /	-				
	ection Problem	n				-				
(Y/N)	icction i robich									
Deck Top				N	N					
Deck Rideab	ility			3	4	Due to wide gaps along girders				
Deck Joints				N.I.	l NI	Paved over.				
	<u> </u>	No		N N		Paved over.				
Bump (Y/N		No								
Deck Draina				6 N		Snow covered.				
Drains Clo	 	No								
Curbs/Median				3	4	4 spalled areas on outside curb affecting post anchorage				
(Curb Type : Standard)						Also spalled at inside face with hole in west curb of span 2.				
Scaling (Pe	ercent Area)	2								
Bridge Rail				6	6	Single layer with splice between posts				
(Type : GA	LVANIZED ST	EEL FLEX	BEAM)			Post anchorage weakened by spall curb. (3 posts with nuts not tightened on A/B. 10Feb2009).				
Bridge Rail F	Posts			4	N					
(Type : GA STEEL)	LVANIZED PO	OST STEEL	;GALVANIZED	POST		- Tot 652000).				
Bridge Rail/F	Posts Coating			6	6	_				
(Type : GA	LVANIZED)			,	,					
Sidewalk				X	X					
Cinder D. (''	Datin									
Girder Detail		1 (65:55)	2 (22.1.1)	2 (22,124)						
Lact	N (count)	1 (count)	2 (count)	3 (cou		-				
Last Now	0	0	0		17 12					
	0	0	0			E mindows C4 w/O long proched in A7				
Girders	ta lagar etter D) - t - 00 h	2040	3	3	5 girders S1 w/2 legs cracked in AZ 5 girders S2 w/2 legs cracked in AZ				
	Last Complete Inspection Date 23-Nov-2010					3 girders S3 w/2 legs cracked in AZ Sp3 G10 and G11 are Type G girders on T.T. blocks				
Cracking (Y/N) Yes										
Spalling (Percent Area) 2					(Curb lift pockets not grouted. 10Feb2009).					
Lift or Connector Pocket Grouted (Y/N)										
(Number Of	Girders : 36)									
Span Alignn	nent Problems	S								
Vertical (Y/	Vertical (Y/N) No									
Horizontal (Y/N) No										
Superstruct	Superstructure General Rating									

					Subst	ructure
Bridge Comp	onent			Last	Now	Explanation of Condition
Abutments						
(Extended E	Backwall Piles	(Y/N) : Y)				
	Backwall Piles) : 1500)			
(Total Numbe			, ,			3 caps at Abut 1
Bearing Seats	·	· · · · · · · · · · · · · · · · · · ·	as			o cape at ribut 1
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last	0	0	0		0	
Now						
Bearing Seats				6	5	-
(Type : TREATED TIMBER)						-
(Depth(mm)		,				-
(Width(mm)	•					_
Backwalls/Bre	· · · · · · · · · · · · · · · · · · ·			4	5	Loss of fill under inside breastwall
		4.70		4	J	N abutment - minor.
Greatest He	agni (m)	1.70		7		
Wingwalls				7	6	
(Total Numbe	r of Bearing P	Piles : 9:9)				
Piles Detail Ra						1
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last	0	0	0		0	
Now	0	0	0		0	-
Piles			<u> </u>	5	5	-
Paint/Coating					X	
- unit country				X		
Abutment Sta	bility			6	6	
Scour/Erosion	า			5	5	
Piers/Bents						
	R-COLUMN)					Pier 1 has 1 100x305 T.T. on top of caps
	er of Caps/Cor	holo : 1.5 \				Pier 2 has 2 - 100x305 T.T. on top of caps
			a o			-
Bearing Seats	N (count)	1 (count)	2 (count)	3 (cou	ınt)	_
						-
Last Now	0	0	0		0	
		_	0	6	0 6	-
Bearing Seats	·			0	0	-
	ATED TIMBE	=K)				-
(Depth(mm)						-
(Width(mm)	· · · · · · · · · · · · · · · · · · ·	\!\ 40 C\				
(Total Numbe		riies : 10:9)				-
Piles Detail R		4 (- 1)	0 (1 1)	0.7	4\	-
	N (count)	1 (count)	2 (count)	3 (cou		-
Last	0	0	0		0	
Now 0 0 0				0	_	
Pier Shaft/Piles				6	5	
Greatest Height (m) 3.80				7		
Bracing/Struts	Bracing/Struts/Sheathing				6	
Nose Plate				X	X	
Paint/Coating					X	
(Colour Description :)						
(Colour Cod	de :)					

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

		Maintenance Re	commendations				
Inspector Recommendations	Year	Inspector Comments	Department Co	mments	Target Y	ear Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL	2011	Tighten A/B nuts, if not yet done.					
SEAL CURBS	2011	Repair curb spalls					
PATCH DECK	2011	Repair girder lines					
OVERLAY DECK	2011	ACP					
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
SHOTCRETE REPAIRS							
CORE TIMBER CAPS/CORBELS							
REPAIR/REPLACE TIMBER CAPS							
REPAIR ABUTMENT SCOUR/EROSIC	N						
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
INSTALL STRUTS							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/No (%)	w) 44.4/44	Sufficiency Rating (Last/N	Now) 62.5/60.0	Est. Repl. Yr	2020 Main	nt. Reqd. (Y/N)	Yes
	uld be danger	ous for motorcycles. No action required	fro 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)			
	23-Feb-2014		Previous Inspection Date	10-Feb-2009			
	39		·				

Alberta Transportation Bridge Inspection & Maintenance System (Web 2005)

07892 -1 Bridge

Comment