							Bridge I	nspe	ction							
Bridge File Number 74474 -1 Bridge									Form Type			PCS				
Year Built/Year	/1978 L							Lot No.			2					
Supstr			VEDMILION						Inspector Name			Brian Pientsch				
Bridge or Town Name FT VERM			I						Inspector Class			BR CLS A				
Located Over TRIBUTAI WATERCI			ARY TO GULL CREEK, 8.10.24.1, CRS-ST						Assistant Name			Clem Guenette				
Located On		88:18 C1							Assistant Class							
Water Body Cl./	Year								Inspection Date			14-Jun-2012				
Navigabil. Cl./Year									a Entry	Ву		Theresa Lacusta				
Legal Land Location SW SEC			3 TVVI TO3 NOL TO VVOIVI						Data Entry Date			06-Nov-2012				
Longitude, Latitude -116:08:59			09, 36.26.03						iewer l			Eric Carcoux				
Road Authority		Alberta T	ransporta	ation (Al	T)			-	iew Da			04-Nov-2012				
Contract Main. A	Area	CMA01										David Morris				
Clear Roadway/	Skew	10.1 /								ew Date	;	15-Jan-2013	3			
AADT/Year		830 / 201	1 (A)					Follo	ow-Up	Ву						
Road Classificat	tion	RAU-210	-110													
Detour Length (l	km)	10														
Allowable Load	(t): Sir	ngle CS1	28		Semi	C	S2 49			Train	CS	53 62		> On Critical Spans > Critical Member > Primary Span		
Design Loading:		HS2														
Dooigii Loadiiig.		1102				P	osting I	nforn	nation					>1 minary	Оран	
Required Load F	Posting	ı (t)	Single						Semi				Trucl	k Train		
Posted Loading		, ( )		Single					Semi				Truck Train			
Posted:	Lane	NB			tion (Y/N	۷)	No		In Adv	Ivance (Y/N)		No	At Bridge (Y/N)		No	
Posted:	Lane	SB		At Junction (Y/N		۷)	No		In Adv	/ance (Y/N)		No	At Bridge (Y/N)		No	
Remarks																
Hazard Marker	At Brid	ge (Y/N)	Yes													
Remarks																
Other Sign Type	es															
						Uí	tilities (	Locat	ted at)							
Utility Attachme	nts															
Telephone	East 8	& West r/w						Gas	<b>S</b>							
Power	3 wire	OH along	East dit	ch.					Municipal							
Others								Prol	blem (\	Y/N) N	0					
Remarks																
					,	0-1	Approa			n -4 C	. m . l.'	tion				
Horizontal Alica	mon <sup>4</sup>				L	ast				on of Co			2 222	roach on- C-	outh.	
Horizontal Align						7	7	- Cur	Curve north with good sight distance, approach 80				ioacii ouiii SC	outi.		
Vertical Alignme Roadway Width			9.200			8	8									
Approach Bump			3.200			8	8	-								
Guardrail (Y/N)			Yes			0	O	Ine	ıfficien	t noete r	ωvt t	to bridge.				
Guardrail (17/N)			163			5	5	11130	annoiei I	i pusis I	iGAL I	io briage.				
Length (m)			38.000			3	J									
Current Stand	ard (Y/	(N)	No													
Termination T		. •)		Turn Down												
Drainage	, , , ,		, and be			7	7									
Approach Road	d Gene	eral Rating	)			7	7									
71																

							tructure
Bridge Component							Explanation of Condition
(Primary Spar		ns, Le	engths(r	n): 6.1, A-Ider	t Numl	ber: )	
Special Featu							
Special Featu	re					X	
(Type:)							
Special Featu	re					X	
(Type:)							
Wearing Surfa		1					
	N (%)	1 (%	)	2 (%)	3 (%)		
Last							
Now							
Wearing Surfa					6	6	Asphalt approx 80mm from top of curb.
(Material Ty							
(Thickness(							
Lateral Conne	ection Problen	n	No				
					NI	N.	
Deck Top					N	N	
Deck Rideabi	litv				8	8	
Deck Joints					N	N	Paved over.
Bump (Y/N)			No				
Deck Drainag	е				7	7	No drains.
Drains Clog	ged (Y/N)		No				
Curbs/Median	1				5	5	Curb height is insufficient.
(Curb Type	: Standard)						
Scaling (Pe	rcent Area)		0				
Bridge Rail					8	8	
(Type : GAL	VANIZED ST	reel	BRIDGE	TUBE)			
Bridge Rail Po	osts				7	7	
(Type : GAL STEEL)	VANIZED PO	OST S	TEEL;G	ALVANIZED	POST		
Bridge Rail/Po	osts Coating				7	7	
(Type : GAL	VANIZED)						
Sidewalk					Х	Х	
Girder Detail I		1		1-,			
	N (count)	1 (cc	ount)	2 (count)	3 (cou	int)	
Last	9						
Now	9						
Girders			I		N	N	Water approx 1.5m from bottom of deck.
Last Complete		Date	17-Jan	-2007			
Cracking (Y/N) No							
Spalling (Percent Area) 0							
Lift or Connector Pocket Yes Grouted (Y/N)							
(Number Of Girders : 9)							
Span Alignm	ent Problems	s					
Vertical (Y/N	۷)		No				
Horizontal (	Y/N)		No				
Superstructure General Rating						7	G.R. carried forward.

					Subst	ructure	
Bridge Comp	ponent			Last	Now	Explanation of Condition	
Abutments							
(Extended I	Backwall Piles	s (Y/N) : <b>N</b> )				20	
(Extended I	Backwall Piles	s Spacing(m	m):)				
(Total Number						Viewed from ends. Water approx 1.5m from bottom of deck.	
Bearing Seat	•		tings			] ''	
	N (count)	1 (count)	2 (count)	3 (cou	unt)		
Last			,				
Now							
Bearing Seat	s/Caps/Corbe	els		6	6		
	EATED TIMB						
(Depth(mm							
(Width(mm)	•					-	
Backwalls/Br				N	N	Viewed from ends. Water approx 1.5m from bottom of deck.  (Fill infiltrating NE corner, hole 1.2 x 1.3 x 0.7m - photo. 05/05/11) (Backwall cleat not attached to backwall SW corner. 05/05/11) Under water.  NW and SE wingwall are leaning 10d. Top plank is loose. (NW wingwall is in front on top 3 backwall planks. 06/Nov/2008) Top plank on NE wingwall is missing.  Under water.  Under water.  Under water.  Under water.	
Greatest He		2.80		- 14	111	(Backwall cleat not attached to backwall SW corner. 05/05/11) Under	
		2.00					
Wingwalls				5	5	NW and SE wingwall are leaning 10d. Top plank is loose. (NW wingwall is in front on top 3 backwall planks. 06/Nov/2008) Top plank on NE wingwall is missing.	
(Total Numbe	er of Bearing I	Piles : <b>10:10</b>	)				
Piles Detail R	atings						
	N (count) 1 (count) 2 (count)						
Last	20						
Now	20						
Piles		<u>'</u>		N	N		
Paint/Coating	1			X	Х		
	_				NI NI	Llader water	
Abutment Sta	шіну			N	N	Officer water.	
Scour/Erosio	n			N	N	Under water.	
Piers/Bents				_			
(Type:)							
(Total Number	er of Caps/Co	rbels : )					
Bearing Seat	•		tinas				
_ coming com	N (count)	1 (count)	2 (count)	3 (cou	unt)		
Last	(554)	. (000)		0 (000	,	-	
Now							
Bearing Seat	s/Caps/Corbe	els	<u> </u>	X	X	1	
(Type:)	5 2.,50, 50150			, , ,	`		
(Depth(mm	):)						
(Width(mm)							
(Total Number		Piles · \					
		1100.)				-	
Piles Detail Ratings  N (count) 1 (count) 2 (count)				3 (cou	ınt)		
Last	i (oouiii)	i (count)	2 (Count)	3 (000	A111()		
Now							
Pier Shaft/Pil	AS.			X	X	-	
Greatest He				^		-	
Bracing/Strut				N	N	Strutted with various treated timber piles. (East strut is bowed, west fell down - photo. 06/Nov/2008)	
N. D.				.,	.,	,,	
Nose Plate				X	X		

Substructure											
Bridge Component		Last	Now	Explanation of Condition							
Paint/Coating		Х	Х								
(Colour Description : )											
(Colour Code : )											
Pier Stability		X	X								
Scour		Х	Х								
Debris (Y/N)	Debris (Y/N) No										
Substructure General Rating		5	5	G.R. carried forward.							
		5	Structu	re Usage							
		Last	Now	Explanation of Condition							
Channel											
(U/S Direction : W)											
(D/S Direction : E)											
Alignment		7	7								
Bank Stability		7	7								
HWM (m below Top of Curb)				HWM not visible.							
Drift (Y/N)	No										
Slope Protection		5	5								
(Type: NATURAL; NATURAL	)										
Guidebank/Spurs		X	X								
Adequacy of Opening		7	7								
(Fish Compensation Measure 1 :	· · · · · · · · · · · · · · · · · · ·										
(Fish Compensation Measure 2 :	NONE)										
Channel General Rating		5	5								

					Main	tenance Recomm	nenda	ations						
Inspector Recom	mendations		Year	Inspector	Comments			Department Co	mmer	nts		Target Year	Est. Cost	Cat #
REPAIR/REPLAC														
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 ADDITIO	NAL RIP RAP													
REMOVE DRIFT	ACCUMULATION													
INSTALL STRUT	S													
OTHER ACTION			2012	(Fill hole	NE corner, add	planks. 05/05/11)								
OTHER ACTION			2012	(Reinstall	l west strut, repl	ace 3 x 12" struts.	.)							
OTHER ACTION			2012	Unable to	verify if noted i	tems were repaire	∌d.							
OTHER ACTION														
OTHER ACTION														
OTHER ACTION														
OTHER ACTION														
OTHER ACTION														
OTHER ACTION														
OTHER ACTION														
Structural Condition Rating (Last/Now) (%)			v) 66.7/66.7 Sufficiency Rating (Last/N (%)			ting (Last/Now)	65	5.5/65.5	Es	st. Repl. Yr	2024	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection Bridge should be load rated for the addition of 250mm of ACP05-05-					05-05-11		Department Comments							
Maintenance Rev	riewed By							Date			Е	Estimated Tota	0	
Proposed Long-Term Strategy														
On 3-Year Program (Y/N)														
Proposed Action														
Previous Inspector's Name			Pientsch			ous A	ous Assistant's Name Lisbeth Medina			na				
			r-2014			Previo	vious Inspection Date 06-Aug-2010							
		21												
Comment														