						:	Bridge	Inspe	ection									
Bridge File Number 76163 -1 I			63 -1 Bridge						m Type			тн						
Year Built/Year 1966/1965									No.			2						
Supstr			(FDMILION						pector N	lame		Brian Pientsch						
Bridge or Town	Name								pector C	Class		BR CLS A						
				RIVER, 8.10.23, WATERCRS-ST					sistant N	lame								
Located On 88:18 C1			C1 35.307	1 35.307						Class								
Water Body Cl./Year								Ins	pection	Date		19-Jun-2012)					
Navigabil. Cl./Year						Dat	ta Entry	Ву		Theresa Lacusta								
Legal Land Location NW SEC			EC 8 TWP	8 TWP 109 RGE 13 W5M						Date		06-Nov-2012						
Longitude, Latitude -116:08:4			8:45, 58:27	7:01				Rev	viewer N	Name		Eric Carcoux						
Road Authority		Albert	a Transpor	tation (A	IT)			Rev	view Da	te		01-Nov-2012	2					
Contract Main. A	Area	CMA0	1					Dei	ot. Revie	ewer N	Name	David Morris	on					
Clear Roadway/	Skew	7.6 /							ot. Revie			15-Jan-2013						
AADT/Year		830 / 2	2011 (A)						low-Up									
Road Classificat	ion	RAU-2	209-110						.с ср	_,								
Detour Length (I	km)	999																
Allowable Load	(t): Sir	igle H	28		Sem		S 49			Train		3 74		> On Critical Spans				
<u> </u>			TRINGER			S	TRING	=R			SI	RINGER		>Critical Member				
Design Loading:		H	S20			D,	osting	Infor	mation					> Primary	Span			
Required Vert. C	Clearar	nce Pos	sting (m)				Jaung	IIIIOI	Hation									
Posted Vertical				Yes														
Posted: Lane	NB				In Adv	/ance	(Y/N)	Yes	Lane	SB		On Bridge (m) 6.3		In Advance (Y/N) Ye		Yes		
Remarks								103	Lanc	OD	-	ni Briage (iii)	0.0	III Advance (1714)				
	Required Load Posting (t)				Single				Semi				Trucl	ck Train				
Posted Loading		(1)							Semi				ck Train					
Posted:		NB	<u> </u>	Single At Junction (Y			/N) No		In Advance (Y/N)		V/NI)			Bridge (Y/N) No				
Posted:	Lane	SB					No			dvance (Y/N)					No			
Remarks	Lane	30	<u> </u>	At Juli	unction (Y/N) No				III Auv	ance ([1/IN]	INO	Al DI	idge (Y/N)	INO			
Hazard Marker	Δt Brid	ne (Y/N	l) Yes															
Remarks	W Dila	90 (1/11	1) 103															
Other Sign Type	es		Curve.	bump. i	p, narrow bridge, 65km/hr warning, Boyer River.													
ourse orgen type						_			ted at)	20,01								
Utility Attachme	nts																	
Telephone	T .	uit botto	om chord-V	V. truss				Gas	 S									
Power			ry of r/w - 3						nicipal									
Others			,						blem (Y	′/N)	Yes							
Remarks	Telus	cable h	nas fallen o	ff most s	support	ts.		52.5()										
							Appro	ach Road										
						Last	Now	Exp	olanatio	n of (Condi	tion						
Horizontal Aligni	ment					5	5	Bot	tom of v	/ertica	l sag	g curve with						
Vertical Alignment					5	5	of S	limited sight distance. Curve at top of S. hill. No passing.										
Roadway Width (m)			8.300	8.300				Bur	Bump @ both ends of bridge - vehicles bounce onto do					eck. Bo	th			
Approach Bump				3			3	app	approach fills have settled approx. 40mm for a distance						of 4m	length.		
Guardrail (Y/N)			Yes															
Guardrail						7	7											
Length (m)			45.000)														
Current Stand	ard (Y/	N)	Yes															
Termination T	`		TURN	ED DOV	VN													
Drainage				7	7									_				

Approach Road Last Now Explanation of Condition Approach Road General Rating 5 5 Superstructure Bridge Component Last Now Explanation of Condition (Primary Span LTH 4 Spans Lengtho(m): 76.2 A Ident Number: A0523,04)	
Approach Road General Rating 5 5 Superstructure Bridge Component Last Now Explanation of Condition	
Superstructure Bridge Component Last Now Explanation of Condition	
Bridge Component Last Now Explanation of Condition	
(Drimon, Chan, TH 4 Chang, Langth c/m), 70.0 A Ident Number A0500.04)	
(Primary Span : TH, 1 Spans, Lengths(m): 76.2, A-Ident Number: A0532-01)	
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	
Wearing Surface/Deck Top 7	
(Material Type : COPPER CHROMATE ARSENATE TREATED TIMBER)	
(Plank Thickness(mm): 75)	
(Plank Width(mm) : 300)	
Deck Rideability 8 8	
Deck Joints X X	
Temperature (deg. C) 20	
(Expansion Type :)	
(Fixed Type:)	
Gap Size (mm) Gap Location	
Curbs/Wheel Guards 6 6	
(Curb Type : Standard)	
(Type : TREATED TIMBER)	
(Thickness(mm): 100)	
(Width(mm): 300)	
	les " expansion sleeves at S. end
(Type : GALVANIZED STEEL BRIDGE TUBE)	
Bridge Rail Posts/Blocking 7 7 Steel blocking	
(Type : POST STEEL;POST STEEL)	
Bridge Rail/Posts Coating 8 8	
(Type : GALVANIZED)	
Sidewalk X X	

					Supers	structure						
Bridge Comp	onent			Last	Now	Explanation of Condition						
(Primary Spar	ո : TH, 1 Span	s, Lengths(m): 76.2, A-Id	ent Nur	nber: A	A0532-01)						
Wide Load Da	amage (Y/N)	Yes										
High Load Da	mage (Y/N)	No										
Top Chord				7	7	U4L4W 15mm dent near top.						
Batter Posts				7	7	Minor crease top of LoU1W, 5mm.						
Sway Bracing	IS			7	7							
Diagonals				7	7							
Verticals				7	7							
Portals				7	7							
Connections				5	5							
Floor Beams				5	5							
Bottom Chord	I			5	5	Section loss due to rust (photo).						
(No. of Stringe	ers : 70)											
Stringer Detai	I Ratings											
	N (count)	1 (count)	2 (count)	3 (cou	unt)							
Last												
Now												
Stringers				5	5							
(Type : STE	EL)											
(Width(mm)	: 190)											
(Depth(mm)	: 460)											
(Spacing(mi	m) : 1295)											
Paint Condition	n			4	3	Approx 35% of the floor system is						
(Colour Des	cription : BLU	E)				rusted. MAINLY TOP & BOTTOM FLANGES. (photo)						
(Colour Cod	de : 15182)					40% paint loss on batter posts and 10-15% on all other members.						
Touchup Re	equired (Y/N)	No										
Bearings				5	5	South End - Exp.						
Temperature	e (deg. C)	20				North End - Fixed 1 anchor bolt missing at NW bearing (photo).						
(Expansion	Type : ROLLE	R NEST BE	ARING)									
(Fixed Type	: DISC & DOI	ME BEARIN	G)									
Functioning	(Y/N)	Yes										
Sub Deck/Dec	ck Underside			5	5	Laminated timber subdeck						
(Material Ty	pe : TREATE	D TIMBER)										
(Plank Thick	kness(mm) : 2 0	00)										
(Plank Widtl	h(mm) : 65)											
Defects (Pe	rcent Area)	0										
Span Alignm	ent Problems											
Vertical (Y/N	۷)	No										
Horizontal (Horizontal (Y/N) No											
Superstructu	ire General R	ating		5	5							
					Subst	ructure						
Bridge Comp	onent			Last	Now	Explanation of Condition						
Abutments												
(Extended E	Backwall Piles	(Y/N) : Y)										
	Backwall Piles) : 2000)									

					Subst	ructure							
Bridge Component					Now								
	er of Caps/Co	rhals · 26·26)		Last	14044	12 caps covered by dirt.							
	ts/Caps/Corbe					12 caps covered by dift.							
Dearing Sea	N (count)	1 (count)	2 (count)	3 (cou	ınt\								
Last	12	0	0		0								
Now	12	0	0		0								
				7	6	-							
Bearing Seats/Caps/Corbels				/	0								
(Type : STEEL) (Depth(mm) : 300)													
	· · · · · · · · · · · · · · · · · · ·												
(Width(mm) : 300)						Operation and the estimated Operation							
Backwalls/Breastwalls					4	Some plywood sheeting at S. abut. Planks buldging @ N. abutment next to W. bearing and the back							
Greatest H	leight (m)	3.00			wires broken.								
Wingwalls				4	4	Tintop missing NW ext. pile, Minor damage to top wingplank.							
(Total Numb	er of Bearing	Piles : 18:18)				5:5 backwall piles at abutments. Piles below corbels not visible.							
Piles Detail F						Pile rating based on visible backwall piles.							
	N (count)	1 (count)	2 (count)	3 (cou	unt)								
Last	36	0	0		0								
Now	36	0	0		0								
Piles				5	5								
Paint/Coating	n			X	X								
					-								
Abutment St	ability			5	4	Abut 2 top of piling leaning toward stream. Bottom corbels not horizontal with of of bevels.							
Scour/Erosion					5								
Piers/Bents				_									
(Type:)													
	er of Caps/Co	rhels ·)											
	ts/Caps/Corbe		nas										
J	N (count)	1 (count)	2 (count)	3 (cou	unt)								
Last	,												
Now													
Bearing Sea	ts/Caps/Corbe	els		X	X								
(Type:)													
	er of Bearing	Piles :)											
Piles Detail F													
	N (count)	1 (count)	2 (count)	3 (cou	unt)								
Last				(
Now													
Pier Shaft/Pi	les			X	X								
Greatest H													
Bracing/Stru				Х	Х								
Nose Plate				X	Х								
Paint/Coating				X	X								
(Colour Description :)													
(Colour Code :)													
Pier Stability	· · · · · · · · · · · · · · · · · · ·			X	Х								
Scour				X	Х								
Debris (Y/N)		No											

Substructure												
Bridge Component		Last	Now	Explanation of Condition								
Substructure General Rating		5	4									
		s	re Usage									
		Last	Now	Explanation of Condition								
Channel												
(U/S Direction : W)			(Deck to streambed 10.65 m. 00/07/02)									
(D/S Direction : E)												
Alignment		7	7									
Bank Stability		5	5									
HWM (m below Top of Curb)				HWM not visible.								
Drift (Y/N)	No											
Slope Protection		4	4	North headslope eroding. 2m high vertical bank. 3m x 2m x 0.5m								
(Type: NONE; NONE)				deep slump above vertical bank.								
Guidebank/Spurs		Х	X									
Adequacy of Opening		7	7									
(Fish Compensation Measure 1 :	NONE)											
(Fish Compensation Measure 2 :	NONE)											
Channel General Rating		4	4									

76163 -1 Bridge

					Mainter	nance Recomme	enda	ations							
Inspector Recom	mendations		Year Inspector Comments Department Comments									Ta	rget Year	Est. Cost	Cat #
REPAIR/REPLA	CE BRIDGE RAIL														
RETROFIT BRID	GE RAIL														
SEAL CURBS															
PATCH DECK															
SEAL DECK															
OVERLAY DECK															
REPLACE STRIP DECK															
REPLACE SUB	DECK														
RESET/ PAINT E	BEARINGS														
REPAINT SUPE	RSTRUCTURE		2012	Painting	3										
STRAIGHTEN/R	EPLACE MEMBERS														
WASHING															
SHOTCRETE RE	EPAIRS														
CORE TIMBER	CAPS/CORBELS														
REPAIR/REPLA	CE TIMBER CAPS														
REPAIR ABUTM	ENT SCOUR/EROSI	ON													
PLACE ADDITIONAL RIP RAP															
REMOVE DRIFT	ACCUMULATION														
OTHER ACTION			2012	Replace	e tin top NW ext. pile	 Э.									
OTHER ACTION			2012	Patch b	oth asphalt approac	ches.									
OTHER ACTION															
OTHER ACTION															
Structural Cond	lition Rating (Last/N	ow)	Sufficiency Rating (Las (%)				50	0.7/48.5	Est	t. Repl. Yr	2020		Maint. Red	qd. (Y/N)	Yes
	Manitar arading had	ndalana l	North				_	Department							
Special Monitor eroding headslop Monitor paint deterioration Monitor abut. 2 stability.			rust of flo	or beam	s-stringers.			Comments							
Maintenance Re	viewed By							Estin	nated Total	0					
Proposed Long-	Term Strategy														
.,															
On 3-Year Program (Y/N)															
Proposed Action															
Previous Inspector's Name Br			Pientsch			Previou	us A	Assistant's Name							
Next Inspection I		19-Mar				Previou	Previous Inspection Date 07-Oct-2010								
	(Default) (months)	21													
Comment															