Bridge Inspection															
Bridge File Num	ber	73919 E-1 Bridge						Form Type				SG			
Year Built/Year		1955/19)55					Lot	No.			2			
Supstr	N I =	CANOL	DO.					Inspector Name			Kris Bosters				
Bridge or Town Located Over	name			0 11 01	\^/^ TE	=DC	DC CT	Inspector Class			BR CLS A				
Located Over			NA RIVER 1 17.353	, 0.11.04,	VVAIL	ERC	-K3-31	Assistant Name							
Water Body Cl./	Voor	43.10 N	1 17.333					Assistant Class							
Navigabil. Cl./Ye								_	Inspection Date 03-Oct-2011						
Legal Land Loca		SE SEC	` 1 TWP 5	7 RGE 7 \	Λ/5 N /I			Data Entry By Theresa Lacusta							
Legal Land Location SE SEC 1 TWP 57 RGE 7 W5M Longitude, Latitude -114:53:59, 53:53:37							Data Entry Date 25-Oct-2011								
Road Authority	<u> </u>		Transport		١				Reviewer Name Eric Carcoux						
Contract Main.	Area	CMA12	типорот	<u> </u>	<u>'</u>				iew Dat			22-Oct-2011			
Clear Roadway/		9.5 /							ot. Revie			Brent Herric			
AADT/Year	OROW		2010 (A)					_	ot. Revie		е	26-Oct-2011			
Road Classifica	tion		2.4-120					Foll	low-Up E	Зу					
Detour Length (1													
Allowable Load		gle CS	1 44 RDER		Semi		S2 69 IRDER			Train		3 84 RDER		> On Critic	al Spans ember
Design Loading:	:	HS	20											> Primary S	Span
						P	osting lı	nforn	nation						
Required Load F	Posting	(t)		Single					Semi				Truc	k Train	
Posted Loading	(t)			Single				Semi			Truck Train				
Posted:	Lane	EB		At Juncti	on (Y/	/N)	No		In Adva	ance (Y	//N)	No	At B	ridge (Y/N)	No
Posted:	Lane	WB		At Juncti	on (Y/	/N)			In Adva	ance (Y	//N)		At B	ridge (Y/N)	
Remarks Not required.															
Hazard Marker At Bridge (Y/N) No															
Remarks	Remarks North only.														
Other Sign Types Curve, Hill, Narrow Br					w Brid	_									
							tilities (L	_oca	ted at)						
Utility Attachme	T .		NE UTILI	ΓΙΕS-PHC	NE L	INE									
Telephone	South								as unicipal						
Power		r/w 150r								/N I) N	1-				
Others	Fibre	optics So	outh r/w.					Pro	blem (Y	/IN) I	1 0				
Remarks							Approa	ch P	oad						
					ı	Last			olanatio	n of C	ondi	tion			
Horizontal Align	ment					6	6								
Vertical Alignme						7	7	1							
Roadway Width			10.500												
Approach Bump						7	7								
Guardrail (Y/N) Yes							We	st appro	ach tu	rned	down, East a	pproa	ach bulb.		
Guardrail				7	7	1				,					
Length (m) 99.000															
Current Stand	ard (Y/	N)	Yes												
Termination T	уре		Turned	Down											
Drainage						7	7								
Approach Road	d Gene	eral Rati	ng			7	6								

Superstructure										
Bridge Component			Last	Now	Explanation of Condition					
(Primary Span : RB, 6 Spans, Le	ngths(r	n): 12.2-25-31	.1-31.1	-25-12.	2, A-Ident Number: A0220-01;A0220-02;A0220-06)					
Special Features										
Special Feature				X						
(Type:)										
Special Feature				Х						
(Type:)										
Wearing Surface/Deck Top Detail	Ratings	3								
N (%) 1 (%)		2 (%)	3 (%)							
Last 5	0	0		0						
Now										
Wearing Surface			9	6	Moderate scaling at SW and along curb.					
(Material Type :)					Random narrow transverse cracks.					
(Thickness(mm):)										
Deck Top			N	N						
				<u> </u>						
Deck Rideability			8	8						
Deck Joints			8	8	Exp @ A2,P5,P1,A1					
Temperature (deg. C)	11		0	0						
(Expansion Type : GLAND (WA		LIFR TRANS	FIFY	FTCV						
(Fixed Type :)	(DO-IVIA	OLIX, TIXANO	ı LLA,	LICJ						
Gap Size (mm)	Con I	ocation								
72	<u> </u>	abutment - A2								
90	Pier 5									
70 74	Pier 1	abutment - A1								
14	vvest	abulment - AT								
Deck Drainage			8	8	Erosion gully at East headslope, rock basin installed.					
Drains Clogged (Y/N)	No		0	0	Etosion guny at East neadslope, rock basin installed.					
	NO		7	7						
Curb Type (Standard)			7	7						
(Curb Type : Standard)	0									
Scaling (Percent Area)	0		_							
Bridge Rail			8	8	Grout pad cracked, anchor bolt insuff thread. North top rails - scrapes, peeled coating span 4.					
(Type : GALVANIZED STEEL I	SKIDGE	: IORF)	_	_	,, p, p					
Bridge Rail Posts		A1 \/ A \ H = = =	7	7						
(Type: GALVANIZED POST S'STEEL)	ı EEL;G	ALVANIZED	PUST							
Bridge Rail/Posts Coating			7	7						
(Type : GALVANIZED)										
Sidewalk			Х	Х						
Girder/Beam										
Cover Plate			6	6	4 girders @ each S1 & S5. 5 girders @ each S2, S3 & S4.					
Flange			7	7	्ठ पुरायकार्थ ७ व्यक्ता 02, 00 α 04.					
			7	7						
Web					I .					
			5	5						
Web			5 7	7						
Web Stiffeners										

Superstructure									
Bridge Component		Last		Explanation of Condition					
(Primary Span : RB, 6 Spans, Le	ngths(m): 12.2-25-31	.1-31.1	-25-12.	2, A-Ident Number: A0220-01;A0220-02;A0220-06)					
Paint Condition		7	7	Green. Painted 2002.					
(Colour Description :)									
(Colour Code :)									
Touchup Required (Y/N)	No								
Bearings		4	4	Loose A/B nuts pier 5. 1 missing nut @ P5. Several A/B bent PS.					
Temperature (deg. C)	11			Missing anchor bolt nut at abut 1 Pier 1 span 1 has neoprene bearings, pier pedestals reinf.					
(Expansion Type : PINNED BE	ARING)			Pier 5 bearings not true, functioning.					
(Fixed Type : ROCKER BEARI	NG)			-					
Coating Adequate (Y/N)	Coating Adequate (Y/N) Yes								
Functioning (Y/N)	Yes								
Deck Underside		4	4	Some transverse cracking with efflorescence, stained.					
Stains (Percent Area)	3			Numerous patched areas. New spalls forming at a few locations.					
Span Alignment Problems				Trew spane forming at a few locations.					
Vertical (Y/N)	No								
Horizontal (Y/N)	No								
Superstructure General Rating		5	4						
Caperon actare Concrar Ranning			_						
		I	Subst	ructure					
Bridge Component		Last	Now	Explanation of Condition					
Abutments									
Bearing Seats/Caps		5	5						
(Type : CONCRETE)		_							
Backwalls/Breastwalls		5	5	Old stains & scaling from past joint leakage.					
Wingwalls		5	5						
Piles		N	5						
Paint/Coating		Х	Х						
Abutment Stability		5	5						
Scour/Erosion		5	4	400mm deep x 10m long erosion gully @ East headslope.					
Piers/Bents									
(Type : PIER-SOLID)				Scaling, light spalls at P5.					
Bearing Seats/Caps		5	5	P1 spalling patched, P1 bearing pedestals reinf.					
(Type : CONCRETE)									
(Total Number of Bearing Piles : 0	D:0:0:0:0)			P3 medium vertical crack full height near centerline. Missing section					
Pier Shaft/Piles	·	4	6	of nose plate at P3, spalling.					
Bracing/Struts/Sheathing		Х	Х						
Nose Plate		4	4	Missing nose plate P3 at waterline and abraded concrete below upper plate. Rusting of nose plates.					
Paint/Coating		4	4	No paint. Nose plates have scaling rust.					
(Colour Description :)				1					
(Colour Code :)									
Pier Stability		7	7						
Scour		7	7						
Debris (Y/N)	Yes			Few logs on Pier 3.					

			ructure						
Bridge Component		Last	Now	Explanation of Condition					
Substructure General Rating		4	5						
		S	Structu	re Usage					
			Now						
Channel									
(U/S Direction : S)									
(D/S Direction: N)									
Alignment		7	7						
Bank Stability		4	4	Sloughing of East bank U/S and sloughing at piers.					
HWM (m below Top of Curb)				HWM not visible.					
Drift (Y/N)	Yes								
Slope Protection		4	4	Cut banks U/S & D/S. Erosion gully down East headslope.					
(Type: NONE; NONE)									
Guidebank/Spurs			X						
Adequacy of Opening		7	7						
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating		4							

Bridge Inspection & Maintenance System (Web 2005)

73919 E-1 Bridge

					Mainte	nance Recommer	dations					
Inspector Recommendations			Year Inspector Comments				Department Com	ments		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL												
GALVANIZE/PAINT BRIDGE RAIL												
RETROFIT BRIDGE RAIL												
SEAL CURBS												
PATCH DECK												
SEAL DECK												
OVERLAY DECK												
REPAIR/REPLACE DECK JOINTS												
RESET/ PAINT B	EARINGS											
REPAINT SUPER	STRUCTURE											
STRAIGHTEN/RE	PLACE MEMBERS											
WASHING												
SHOTCRETE RE	PAIRS											
REPAIR ABUTME	NT SCOUR/EROSI	ON										
PLACE ADDITION	NAL RIP RAP											
REMOVE DRIFT ACCUMULATION												
OTHER ACTION		2	2011	Install ne	w nose plate at P	3.						
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
Structural Condition Rating (Last/Now) (%)			50.0/50.	0	Sufficiency Rating (Last/Now) (%)		56.9/56.2	Est. Repl. Yr	2030	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection	Monitor for fatigue of	cracks at	schedul	ed level II			Department Comments					
Maintenance Rev	ewed By						Date		1	Estimated Total	1 0	
Proposed Long-Term Strategy												
On 3-Year Program (Y/N)												
Proposed Action												
Previous Inspecto	r's Name	Ed Kow	al			Previous	s Assistant's Name					
Next Inspection D	ate	03-Jul-2	2013			Previous	Inspection Date	27-Nov-2010				
Inspection Cycle	Default) (months)	21										
Comment												