Bridge Inspection																
Bridge File Number 77487 -1 Bridge									Form Type			PCS				
			974/1974						No.			1				
Supstr	ANMORE							Inspector Name			Garry Roberts					
Bridge or Town	V CDEEK 2 12 56 12 WATEDODS						Inspector Class			BR CLS A						
Located Over							Assistant Name									
Located On		40:12 C	1 10.001						Assistant Class							
Water Body Cl./	Year		_						Inspection Date			01-Apr-2013				
Navigabil. Cl./Ye							Entry	Ву		Lauren Korte						
			LO 3 TVVI ZZ NGL 9 VVJIVI						Data Entry Date			11-Apr-2013				
Longitude, Latitu	ude	-115:10							Reviewer Name			Tom Carey				
Road Authority		Alberta	Transporta	ation (Al	T)			Revi	ew Da	te		10-Apr-2013	3			
Contract Main.	Area	CMA28								ewer Na		Tim Davies				
Clear Roadway/	Skew	11.3 / 3	deg. (RH	lF)						ew Date	;	06-May-201	3			
AADT/Year		1,690 / 2	2012 (A)					Follo	w-Up	Ву						
Road Classifica	tion	RAU-20	9-110													
Detour Length (km)	50														
Allowable Load	(t): Sir	ngle CS	1 28		Semi	CS	S2 49			Train	CS3 62		> On Crit		ical Spans	
D : 1 !!														>Critical Member		
Design Loading:		CS	750			D.	oting l	nform	otion					> Primary	Span	
Required Load F	Postino	ı (t)		Single			Posting in		nformation Semi			Truck Tr		k Train		
Posted Loading		()	Single						Semi				Truck Train			
Posted:	Lane	NB			tion (Y/N	N) No			In Advance (Y/N)		/NI)	No	At Bridge (Y/N)		No	
Posted:	Lane	SB			tion (Y/N		No			ance (Y		No			No	
Remarks		equired.		7 tt Gario	1711	•/	110		1117101	u100 (1)	(14)	110	/ (C D)	lago (1/14)	110	
Hazard Marker			No													
Remarks	THE DITE	90 (1/11)	Not required.													
Other Sign Type			·													
oo. o.g yp						Uti	ilities (l	Locate	ed at)							
Utility Attachme	nts						· ·									
Telephone	Layin	g on Wes	st curb.						Gas							
Power	East I	ROW.							Municipal							
Others									Problem (Y/N) Yes							
Remarks	3 Wire	e main tra	ansmissio	n lines 10	00m Eas	t.										
							Approa	ch Ro	oad							
					La	ast	Now	Expl	Explanation of Condition							
Horizontal Align							5	Limit	Limited sight distance &			& curve to North.				
Vertical Alignme						6 6										
Roadway Width	(m)		11.300	11.300												
Approach Bump)					6 6										
Guardrail (Y/N)	Guardrail (Y/N)		Yes							splice bo	olts a	at SW and NV	V and	missing bolt	at SE T.D.	
Guardrail					3	3	bracket.									
Length (m)	Length (m)		26.000					Not thriebeam.								
Current Standard (Y/N)			No					1 broken post at SE and NE and 2 broken posts and 1 damaged r					damaged rail			
Termination Type			TURNE	D DOWI	N			section at NW.								
Drainage	Drainage					6	6									
Approach Road	d Gene	eral Ratir	ng			5	5									

					Suners	structure				
Bridge Com	ponent					Explanation of Condition				
		ans. Length	s(m): 6.1-9.1-6			•				
Special Feat		<u> </u>		,						
Special Feat					X					
(Type:)										
Special Feat	ure				X					
(Type:)	<u></u>					-				
	face/Deck Top	Detail Ratin	ne							
vvearing our	N (%)	1 (%)	2 (%)	3 (%)						
Last	0	0	0	0		-				
Now	5.0	0.0	0.0		0.0	-				
Wearing Surf		0.0	0.0	6	6	Narrow cracks over piers and map				
		=TE\		0	0	cracks- epoxy sealed.				
	ype : CONCRE	- I - (-				
(Thickness		- N-				_				
(Y/N)	ection Problen	n No								
Deck Top				N	N					
					ļ.,					
Deck Rideab	ility			7	7					
Deck Joints				6	6	Buffer angles at abuts. Continuous over piers.				
Bump (Y/N)	No								
Deck Drainag	ge			5	5	No drains.				
Drains Clo		No								
Curbs/Media				5	4	Minor spalls. 0.5m2 spall at Sp.2 East curb over P2.				
	:: Standard)					Timilor opanor oroniz opan at opiz East oarb over 1 E.				
	ercent Area)	1				_				
Bridge Rail	orderit 7 trody	'		7	7					
	LVANIZED ST	EEL BRIDG	E TURE	, ,	'					
Bridge Rail P		LLL DIVIDO	ic robe,	7	7					
(Type : GA		OST STEEL;	GALVANIZED							
Bridge Rail/P	Posts Coating			6	5					
	LVANIZED)			0	J					
	LVANIZED)			V	V					
Sidewalk				X	X					
Girder Detail	Ratings									
	N (count)	1 (count)	2 (count)	3 (cou	ınt)					
Last	0	0	0		2					
Now	0	0	0		2					
Girders				3	3	4 girders have narrow longit cracks @ underside. Corrosion stain				
Last Comple	te Inspection D	Date 01-Ap	r-2013			repaired at Sp.2-G2. 500mm long breakage at drilled holes at East curb-Sp.2.				
Cracking (·	Yes				Delams in previous patch at Sp.1-G2.				
	ercent Area)	0				25mm deep x 0.4m² delam. at Sp.1-G3. 150x150 spall at Sp.2-G1 over pier.				
Lift or Connector Pocket Grouted (Y/N) Yes						Isolated minor rust spots from low cover.				
(Number Of	•									
–		<u> </u>								
Span Alignment Problems Vertical (Y/N) No										
Horizontal (Y/N) No						1				
	ure General R			3	3					
		<u> </u>								

(Type : PIER-COLUMN)						Subst	ructure						
Catended Backwall Piles (Y/N): N) (Extended Backwall Piles Spacing(mm):) (Total Number of Caps/Corbels: 1:1)	Bridge Com	nonent			l ast								
(Extended Backwall Piles (YM) : N) (Extended Backwall Piles (Spacingrm) :) (Total Number of Cape/Corbels : 1:1) Bearing Seats/Cape/Corbels Detail Ratings		ponent			Last	1401	Explanation of condition						
Crotal Number of Caps/Corbels : 1:17		Backwall Piles	s (Y/N) : N)										
				n) ·)			-						
Bearing Seats/Caps/Corbels Detail Ratings				1) ·)									
Now		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	nae			-						
Last 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bearing Seat	T .			3 (00)	ınt)	_						
Now 0	l act			, , , , , , , , , , , , , , , , , , ,			_						
Bearing Seats/Caps/Corbels				-		-							
Type : CONCRETE Cloeptir(mm) : 500				0		i	_						
Clepth(mm) : 500 (Width(mm) : 350) Sackwalls Sackwall visible only at ends.		· · · · · · · · · · · · · · · · · · ·	10		0	0							
(Width(mm) : 350) Backwalls/Breastwalls							_						
Section		-					_						
Greatest Height (m)		· · · · · · · · · · · · · · · · · · ·				T							
Total Number of Bearing Piles : 0:0)					N	N	1.1. backwall visible only at ends.						
Total Number of Bearing Piles : 0:0)		eight (m)	0.80										
N (count)	Wingwalls				7	7							
N (count)	(Total Number	er of Rearing F	Diles · O·O/										
N (count)			1103 . 0.0)				-						
Last	r iles Detail r		1 (count)	2 (count)	3 (00)	ınt\							
Now	Lact						Buried.						
Piles							4						
Paint/Coating		l I	0	0		_	_						
Abutment Stability 7 7 7 Scour/Erosion 7 7 Piers/Bents (Type : PIER-COLUMN) (Total Number of Caps/Corbels : 1:1) Bearing Seats/Caps/Corbels Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last													
Scour/Erosion	Paint/Coating	g			X	X							
Piers/Bents	Abutment Sta	ability			7	7							
(Type : PIER-COLUMN) (Total Number of Caps/Corbels : 1:1) Bearing Seats/Caps/Corbels Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 Now 0 0 0 Bearing Seats/Caps/Corbels 5 5 (Type : CONCRETE) (Depth(mm) : 630) (Width(mm) : 510) (Width(mm) : 510) (Total Number of Bearing Piles : 6:6) Piles Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 Now 0 0 0 Piles Detail Ratings 7 7 Greatest Height (m) 2.00 0 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 4 4 (Colour Description : BROWN)	Scour/Erosio	n			7	7							
Total Number of Caps/Corbels : 1:1) Bearing Seats/Caps/Corbels Detail Ratings	Piers/Bents												
Total Number of Caps/Corbels : 1:1) Bearing Seats/Caps/Corbels Detail Ratings		R-COLUMN)											
Bearing Seats/Caps/Corbels Detail Ratings N (count)			rbels : 1:1)										
N (count)		· · · · · · · · · · · · · · · · · · ·		ngs			Wide cracks and isolated delams at both piers.						
Last 0 0 0 0 Now 0 0 0 0 Bearing Seats/Caps/Corbels 5 5 5 (Type : CONCRETE) (Depth(mm) : 630) (Width(mm) : 510) (Total Number of Bearing Piles : 6:6) Piles Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 0 Now 0 0 0 0 Piles Shaft/Piles 7 7 7 Greatest Height (m) 2.00 8 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 4 4 Moderate corrosion. (Colour Description : BROWN)	9			1	3 (cou	ınt)]						
Now 0 0 0 Bearing Seats/Caps/Corbels 5 5 (Type : CONCRETE) (Depth(mm) : 630) (Width(mm) : 510) (Total Number of Bearing Piles : 6:6) Piles Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 0 Now 0 0 0 0 Pier Shaft/Piles 7 7 Greatest Height (m) 2.00 X X Bracing/Struts/Sheathing X X X Nose Plate X X A Paint/Coating 4 4 4 Moderate corrosion. (Colour Description : BROWN) O 0 <	Last												
Bearing Seats/Caps/Corbels 5 5							-						
(Type : CONCRETE) (Depth(mm) : 630) (Width(mm) : 510) (Total Number of Bearing Piles : 6:6) Piles Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 0 Now 0 0 0 0 Pier Shaft/Piles 7 7 7 Greatest Height (m) 2.00 X X Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 4 4 Moderate corrosion. (Colour Description : BROWN)		_				_	-						
(Depth(mm) : 630) (Width(mm) : 510) (Total Number of Bearing Piles : 6:6) Piles Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 0 Now 0 0 0 0 Pier Shaft/Piles 7 7 7 Greatest Height (m) 2.00 X X Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 4 4 Moderate corrosion. (Colour Description : BROWN)		·			, ,		-						
(Width(mm) : 510) (Total Number of Bearing Piles : 6:6) Piles Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 Now 0 0 0 Pier Shaft/Piles 7 7 Greatest Height (m) 2.00 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 4 4 Moderate corrosion. (Colour Description : BROWN)													
(Total Number of Bearing Piles : 6:6) Piles Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 Now 0 0 0 Pier Shaft/Piles 7 7 Greatest Height (m) 2.00 X Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 4 4 Moderate corrosion. (Colour Description : BROWN)	_ ` . `	· · · · · · · · · · · · · · · · · · ·											
Piles Detail Ratings	` `	· · ·	Dilos · 6·6)										
N (count) 1 (count) 2 (count) 3 (count)			1100 . 0.0)				-						
Last 0 0 0 Now 0 0 0 Pier Shaft/Piles 7 7 Greatest Height (m) 2.00 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 4 4 Moderate corrosion. (Colour Description : BROWN)	i iles Detail F		1 (count)	2 (count)	2 (00)	ınt)	-						
Now 0 0 0 Pier Shaft/Piles 7 7 Greatest Height (m) 2.00 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 4 4 Moderate corrosion. (Colour Description : BROWN) Moderate corrosion.	Lact												
Pier Shaft/Piles 7 7 Greatest Height (m) 2.00 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 4 4 Moderate corrosion. (Colour Description : BROWN) Moderate corrosion. A A													
Greatest Height (m) 2.00 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 4 4 Moderate corrosion. (Colour Description : BROWN)			U	U		1	-						
Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 4 4 (Colour Description : BROWN) Moderate corrosion.			2.00		/		-						
Nose Plate X X Paint/Coating 4 4 Moderate corrosion. (Colour Description : BROWN)						V							
Paint/Coating 4 4 Moderate corrosion. (Colour Description : BROWN)	Bracing/Struts/Sheathing					X							
(Colour Description : BROWN)	Nose Plate				Х	Х							
	Paint/Coating	g			4	4	Moderate corrosion.						
(Colour Code: 30252)	(Colour De	scription : BR	OWN)										
	(Colour Co	de : 30252)											

Substructure											
Bridge Component		Last	Now	Explanation of Condition							
Pier Stability		7	7								
Scour		7	7								
Debris (Y/N)	bris (Y/N) No										
Substructure General Rating		5	5								
		5	Structu	re Usage							
		Last	Now	Explanation of Condition							
Channel											
(U/S Direction : E)											
(D/S Direction : W)											
Alignment		7	7								
Bank Stability	Bank Stability										
HWM (m below Top of Curb)	WM (m below Top of Curb) 1.0			(Ice within 900mm of bottom of gird)(2002)							
Drift (Y/N)	Yes			No visible HWM. Minor scattered drift.							
Slope Protection		7	7								
(Type : RIP RAP; RIP RAP)											
Guidebank/Spurs		Х	X								
Adequacy of Opening		5	5								
(Fish Compensation Measure 1	: NONE)										
(Fish Compensation Measure 2	: NONE)										
Channel General Rating		5	5								

77487 -1 Bridge

				Maintenance Re	commend	ations					
Inspector Recommendations		Year	Inspecto	or Comments		Department Co	mments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL											
SEAL CURBS											
PATCH DECK											
OVERLAY DECK											
STRAIGHTEN/REPLACE MEMBERS											
WASHING											
SHOTCRETE REPAIRS											
CORE TIMBER CAPS/CORBELS											
REPAIR/REPLACE TIMBER CAPS											
REPAIR ABUTMENT SCOUR/EROSI	NC										
PLACE ADDITIONAL RIP RAP						<u> </u>					
REMOVE DRIFT ACCUMULATION											
INSTALL STRUTS											
OTHER ACTION											
OTHER ACTION		2013	Patch Sp 0.6m ² ar G10 curl	p.1 G2 and G3 underside ap nd Sp.2 G1 bearing fascia. P b fascia 0.5m2.	prox. atch Sp.2-						
OTHER ACTION		2013	Advise T	Telus to apply for utility attach	nment.						
OTHER ACTION		2013	Replace approac	e 4 T.T. posts and 1 flexbeam thes. Install missing splice bo	section at						
Structural Condition Rating (Last/No. (%)	ow)	44.4/44.4	4	Sufficiency Rating (Last/N	10w) 4	49.8/49.8	Est. Repl. Yr	2023	Maint. Red	d. (Y/N)	Yes
Special Comments for Next Inspection						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 F	Roberts			Previous /	Assistant's Name					
Next Inspection Date	01-Jan-	-2015			Previous	Inspection Date	26-May-2	.011			
Inspection Cycle (Default) (months)	21										
Comment											