						:	Bridge li	nspe	ction							
Bridge File Number 72398 -1 Bridge							Ĭ	Form Type				PCS				
Year Built/Year		1968/196	8					Lot No.				1				
Supstr Bridge or Town Name WARWICK								Insp	pector N	lame		Owen Salav	а			
	ame				/ TO \/E	DM.	II ION	Insp	pector C	Class		BR CLS A				
Located Over		RIVER, 6				TO VERMILION RS-ST			Assistant Name							
Located On		857:04 C	1 18.099						Assistant Class							
Water Body Cl./Year								Inspection Date			14-Jul-2011					
Navigabil. Cl./Year									a Entry			Marcia Chavez				
Legal Land Location SW SEC			C 18 TWP 54 RGE 14 W4M						Data Entry Date			25-Aug-2011				
Longitude, Latitud	le	-112:03:5	58, 53:39:45						Reviewer Name			John O'Brien				
Road Authority		Alberta T	ransporta	ation (Al	T)			Review Date			19-Jul-2011 Chris Black					
Contract Main. Are	ea	CMA14								Dept. Reviewer Name						
Clear Roadway/SI	kew	9.1 /							ot. Revie		е	30-Aug-201	1			
AADT/Year		990 / 201	0 (A)					Foll	low-Up	Ву						
Road Classificatio	n	RCU-209	-110													
Detour Length (km		3			I									I		
Allowable Load (t)	: Sin	igle CS1 GIRI					S2 52 IRDER			Train		33 75 RDER		> On Critical Spans> Critical Member		
Design Loading:		HS2				GINDER						(DLIX		> Primary Span		
z ceigir zeaamigi		1102				Po	osting l	nforn	nation					- i iiiiai y	Ο ραιί	
Required Load Po	sting	(t)		Single				Semi				Truck Train				
Posted Loading (t)		.,	Single					Semi					Truck Train			
Posted: L	ane	NB		At Juno	tion (Y/N	۷)	No		In Adva	ance (Y	//N)	No	At Br	idge (Y/N)	No	
Posted: L	ane	SB		At Juno	tion (Y/N	۷)	No		In Adv	ance (Y	′/N)	No	At Br	idge (Y/N)	No	
Remarks	Not re	quired.														
Hazard Marker At	Brid	ge (Y/N)	Yes													
Remarks			SW mis	sing.												
Other Sign Types																
						Ut	ilities (l	Loca	ted at)							
Utility Attachments	s															
Telephone									Gas							
Power									Municipal							
	ibrec	optic plowe	ed in E r/	ν.					Problem (Y/N) No							
Remarks																
						ast			th Road Explanation of Condition							
Horizontal Alignmo	ent					<u>αςι</u> 8	8	LXP	nanaul		Jiiuli					
Vertical Alignment						9	9									
Roadway Width (r			9.000			,	J J									
Approach Bump			8	8												
Guardrail (Y/N) Yes																
Guardrail				7	7	19.3m @ NW & SE corners.										
Length (m) 15.500						15.5	5m @ N	IE & S\								
Current Standard (Y/N) No						Not	thriebe	am.								
Termination Type TURNED DOWN				N												
Drainage						7	7									
Approach Road (Gene	eral Rating	9			7	8									

Prince P					,	structure					
Special Features	Bridge Com	ponent									
Special Feature	(Primary Spa	an : HC, 2 Spa i	ns, Lengths	(m): 8.5-8.5, A	Ident N	lumbe	r:)				
Type : Special Feature	Special Feat	tures									
Special Feature	Special Feat	ure				Х					
Type : Waaring Surface/Deck Top Detail Ratings	(Type:)										
Wearing Surface/Deck Top Detail Ratings N % 1 (%) 2 (%) 3 (%)	Special Feat	ure				Х					
Wearing Surface/Deck Top Detail Ratings N % 1 (%) 2 (%) 3 (%)	(Type:)										
N (%)		face/Deck Top	Detail Ratino	as							
Last					3 (%)						
Wearing Surface	Last					0					
Wearing Surface	Now	0.0	0.0	0.0	0	0.0					
(Material Type : ACP) (Thickness(mr) : 50) Lateral Connection Problem (Y/N) No Deck Top N N Deck Rideability 7 7 Deck Joints N N N Bump (Y/N) No N N Deck Joints N N N Bump (Y/N) No N N Deck Joints N N N Paved over. N N N Deck Joints N N N Paved over. N N N Deck Joints N N N Deck Joints N N N Curbs Whedian 5 5 5 Curb Type : Standardy Standard 8 8 8 Crype : SaLVANIZED Posts Standard 8 8 8 1 Y 7 7 T T T T T T T T T T	Wearing Sur		<u>'</u>	'			4 lines - longit ACP cracking sealed				
Chickness(mm) : 50							- Times to tight to the standing location				
Lateral Connection Problem No No No No No No No N							-				
Y/N Deck Top			n No				_				
Deck Rideability	(Y/N)	lection i robien	140								
Deck Joints	Deck Top				N	N					
Deck Joints											
Bump (Y/N)	Deck Rideab	oility			7	7					
Bump (Y/N)	D 1 1 1 1										
Deck Drainage		N			N	N	Paved over.				
Drains Clogged (Y/N)			No			1					
Curbs/Median					7	7					
Curb Type : Standard Scaling (Percent Area) 0			No			1					
Scaling (Percent Area)					5	5					
Bridge Rail					1		_				
(Type : FLEX BEAM)	Scaling (Pe	ercent Area)	0								
Bridge Rail Posts 6 6	Bridge Rail				8	8	Double layer.				
Count Coun	(Type : FLI	EX BEAM)									
STEEL) Bridge Rail/Posts Coating 7 7 (Type:) Sidewalk X X Sidewalk X X N (count) 1 (count) 2 (count) 3 (count) Last 22 0 0 0 Now 220 0 0 0 Girders N N Based on general rating, rating was 3 but no explanation of condition from unknown date. Cracking (Y/N) Yes Yes Spalling (Percent Area) 0 O Lift or Connector Pocket Grouted (Y/N) Not visible. Not visible. Vertical (Y/N) No Horizontal (Y/N) No	Bridge Rail F	Posts			6	6					
Sidewalk	STEEL)		OST STEEL;	GALVANIZED	POST	1					
Sidewalk	Bridge Rail/F	Posts Coating			7	7	_				
Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Not visible due to high water. Last 22 0 0 0 0	(Type:)				,						
N (count) 1 (count) 2 (count) 3 (count) Not visible due to high water.	Sidewalk				X	X					
N (count) 1 (count) 2 (count) 3 (count) Not visible due to high water.	Cirdon Data "	Dotin ==									
Last 22 0 0 0 Now 220 0 0 0 Girders N N N Based on general rating, rating was 3 but no explanation of condition from unknown date. Last Complete Inspection Date Cracking (Y/N) Yes Not visible. Spalling (Percent Area) 0 Not visible. Lift or Connector Pocket Grouted (Y/N) (Y/N) Not visible. Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No No	Girder Detail		1 (count)	2 (00) (01)	2 (00)	ınt\	Not visible due to high water				
Now 220 0 0 0 0 Girders N N N Last Complete Inspection Date Cracking (Y/N) Yes Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 22) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Last		1				TYOU VISIDIE due to High water.				
Girders Last Complete Inspection Date Cracking (Y/N) Spalling (Percent Area) Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 22) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No Based on general rating, rating was 3 but no explanation of condition from unknown date. Not visible. Not visible.											
Last Complete Inspection Date Cracking (Y/N) Yes Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 22) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No		220	U	U			Paged on general rating rating use 2 but no surface tion of any title				
Cracking (Y/N) Spalling (Percent Area) Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 22) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No		to Inonestica P)oto		N N		based on general rating, rating was 3 but no explanation of condition from unknown date.				
Spalling (Percent Area) Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 22) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No							-				
Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 22) Span Alignment Problems Vertical (Y/N) Horizontal (Y/N) No							Not visible.				
Grouted (Y/N) (Number Of Girders : 22) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No							-				
(Number Of Girders : 22) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No											
Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	· · ·						1				
Vertical (Y/N) No No No			S								
Horizontal (Y/N) No											
O.N. camed forward from difficient date.						2	G.R. carried forward from unknown date				
	Juperstruct	are Jeneral N	aung				C.R. samed forward from unknown date.				

					Subst	ructure
Bridge Comp	onent			Last	Now	Explanation of Condition
Abutments						
(Extended I	Backwall Pile	s (Y/N) : Y)				
(Extended I	Backwall Pile	s Spacing(mm) : 1500)			
(Total Number	er of Caps/Co	rbels : 6:6)				7 piles in N abut with 130x305 shim on top of cap & 200x305
Bearing Seats	s/Caps/Corbe	els Detail Ratin	gs			concrete shim on top of subcap. Concrete shim crowned.
	N (count)	1 (count)	2 (count)	3 (co	unt)	
Last						
Now	12	0	0		0	
Bearing Seat	s/Caps/Corbe	els		N	N	
(Type : TRE	EATED TIMB	ER)				
(Depth(mm):)					
(Width(mm)):)				_	
Backwalls/Bro	eastwalls			N	N	Piles connected with backwall
Greatest He	eight (m)	2.50				clamps and scabs. Vertical T & G sheathing.
Wingwalls				5	4	SE wingwall planks & pile damaged.
(Total Number	or of Pooring I	Dilos : 0:0\				
Piles Detail R		Files . 3.3)				-
r lies Detail IX	N (count)	1 (count)	2 (count)	3 (co	unt)	
Last	iv (count)	i (count)	Z (count)	3 (00)	uritj	
Now	18	0	0		0	
Piles	10			N	N	
Paint/Coating	 			X	X	
Abutment Sta	bility			6	6	
Scour/Erosion	n			N	N	
Piers/Bents						
	R-COLUMN)					(Max deck to S/B 2.5m. 08/06/07). 2.6m to ice.
(Total Number						Concrete crowned shim on subcap ~200x305mm.
Bearing Seats		els Detail Ratin				
	N (count)	1 (count)	2 (count)	3 (co	unt)	
Last						
Now	4	0	0		0	
Bearing Seat	· ·			N	N	
	EATED TIMB	Ŀ R)				
(Depth(mm						
(Width(mm)						
(Total Number		Piles : 9)				
Piles Detail R			- ()	0.1	4)	
	N (count)	1 (count)	2 (count)	3 (co	unt)	
Last	_	0			^	
Now	9	0	0	N	0	
Pier Shaft/Piles					N	
Greatest Height (m) Bracing/Struts/Sheathing N						
Bracing/Struts/Sheathing					N	
Nose Plate	Nose Plate					
Paint/Coating				Х	Х	
(Colour Des						
(Colour Cod	de :)					

		ructure							
Bridge Component Las				Explanation of Condition					
Pier Stability		8	8						
Scour		N	N						
Debris (Y/N) Yes				(1m of water under bridge old abut piles + sheathing. 08Jun2007).					
Substructure General Rating			5	GR carried forward from 08Jun2007 but control elements not rated then either.					
		5	Structu	re Usage					
		Last	Now	Explanation of Condition					
Channel									
(U/S Direction : E)				Channel E of bridge has been dredged.					
(D/S Direction : W)									
Alignment		7	7						
Bank Stability		7	7						
HWM (m below Top of Curb)	1.6								
Drift (Y/N)	No								
Slope Protection		7	7						
(Type: NATURAL; NATURA	L)								
Guidebank/Spurs		X	X						
Adequacy of Opening			9						
(Fish Compensation Measure 1	: NONE)								
(Fish Compensation Measure 2	: NONE)								
Channel General Rating		7	7						

			Maintenance Reco	ommenda	ations					
Inspector Recommendations		Year	Inspector Comments		Department Comm	nents		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL										
SEAL CURBS										
PATCH DECK										
OVERLAY DECK										
STRAIGHTEN/REPLACE MEMBERS	3									
WASHING										
SHOTCRETE REPAIRS										
CORE TIMBER CAPS/CORBELS										
REPAIR/REPLACE TIMBER CAPS										
REPAIR ABUTMENT SCOUR/EROS	ION									
PLACE ADDITIONAL RIP RAP										
REMOVE DRIFT ACCUMULATION		2012	Remove old piles, if not yet done.							
INSTALL STRUTS										
OTHER ACTION		2012	Replace HM at SW.							
OTHER ACTION		2012	Review file, girder previously rated 3, a comments.	ıdd dept.						
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/N (%)	low)	44.4/44.	4 Sufficiency Rating (Last/No (%)	ow) 6	7.2/66.1	Est. Repl. Yr	2024	Maint. Red	qd. (Y/N)	Yes
Special (No action for girde Comments for Next Inspection	ers at this	s time. 08	3Jun2007).	,	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 Glo		Smith	P	revious <i>P</i>	Assistant's Name					
Next Inspection Date 14		t-2014	P	revious I	nspection Date	08-Jun-2007				
Inspection Cycle (Default) (months)	39									
Comment										