						Bri	uge II	nspection							
Bridge File Nu								Form Type			PCS				
Year Built/Year 1980/1980 Supstr								Lot No.			3				
•								Inspector Name			Eric Carcoux				
Bridge or Town Name RADWAY							с ст	Inspector Class			BR CLS A				
Located Over KENNEDY CREEK, 6.57.3, WA Located On 63:00 C1 8.180						NUN	5-51	Assistant Name							
	Neer	03.00 C I	1 0.100					Assistant Class							
Water Body Cl								Inspection Date			13-Jan-2012				
Navigabil. Cl./					24 \//41	Λ		Data Entry By			Theresa Lacusta				
Legal Land Location SW SEC 24 TWP 59 RGE 21 W					21 00410	/1		Data Entry Date			17-Jan-2012				
Longitude, Latitude-113:01:33, 54:06:36Road AuthorityAlberta Transportation (AIT)					<b></b>			Reviewer Name			Arnold Asse	enheimer			
Road Authority			ransporta	ation (AI	1)			Review Date			16-Jan-201	2			
Contract Main.		CMA07						Dept. Reviewer Name			Brent Herric	k			
Clear Roadway	y/Skew	13.7 /						Dept. Rev	Dept. Review Date			2			
AADT/Year		1,990 / 2						Follow-U	о Ву						
Road Classific		RAU-211	1.8-110				_	-							
Detour Length		3													
Allowable Load	d (t): Sin	igle CS1	28	Semi			49		Train		3 62		> On Critical S		
Design Loading: MS23					1								> Primary Span		
	9.	1002	20			Pos	tina Ir	nformatio	า				> 1 minuty	Opan	
Required Load Posting (t) Single								Semi			Truck Train				
Posted Loading (t)				Single				Semi				Truck Train			
Posted:	Lane	NB		At Junction (Y/N)		D N	lo		vance (	(Y/N)	No	At Bridge (Y/N)		No	
Posted:	Lane						lo		vance (	. ,			ge (Y/N)	No	
Remarks Not required.										( . , )		7.1 2.103	<u>jo (1711)</u>		
			No												
Hazard Marker At Bridge (Y/N) No   Remarks Not required.															
Other Sign Typ	nes		1101104	unou.											
						Utili	ties (I	_ocated at	)						
Utility Attachm	ents T	ELEPHO		TIES-PH	ONE LIN				/						
Telephone								Gas							
Power								Municipal							
Others								Problem (Y/N)							
Remarks								TIODICITI	(1/1)						
Remarks						Δ	nnroa	ch Road							
					La		Now	Explanat	ion of (	Condi	tion				
Horizontal Alig	nment					9	8								
Vertical Alignm						9	9	1							
Roadway Widt			11.000				<u> </u>	Wide cracks in ACP			nd potholes o	n both at	outments		
Approach Burr	. ,					4	5	TARE CLACKS III ACF d		u			2		
Guardrail (Y/N	•		Yes			•	~	SW appr	oach re	il impi	roper lap. Ins	ufficient	nost / sna	cina Missina	
Guardrail	/		103			4	4	bolt SE c	orner.	•		anoent	poor pa	onig. 10100110	
Length (m)			15.200			т	-		15m @ NE & SW corn 36m @ NW & SE corn						
Current Stan	dard (V/	(NI)	No							_ 5011	0.0.				
		in)	Turned	Down											
Termination	Type		Turned	DOWI		7	7								
Drainage															
Drainage						1									

						structure					
Bridge Com						Explanation of Condition					
(Primary Spa	n : <b>SM, 1 Spa</b>	ns, Lengths(	m): 11, A-Ide	nt Numl	ber:)						
<b>Special Feat</b>	ures										
Special Featu	ire				X						
(Type : )											
Special Featu	ıre				X						
(Type : )											
Wearing Surf	ace/Deck Top	Detail Rating	IS								
	N (%)	1 (%)	2 (%)	3 (%)							
Last											
Now						_					
Wearing Surf	ace			4	4	Chipcoat on 50mm ACP. Patched.					
<b>u</b>			AL CHIP SEA	-		Longitudinal cracks on ACP and corrosion stains on girders.					
(Thickness	-				• /						
	ection Probler	n Yes				-					
(Y/N)	ection robler	11 163									
Deck Top				X	Х						
Deck Rideab	lity			6	6						
					-						
Deck Joints				N	N	Covered with ACP.					
Bump (Y/N)		Yes									
Deck Drainag	je			4	4	No deck drains.					
Drains Clog	ged (Y/N)	No				Sediments building up at curbs due to poor drainage on deck.					
Curbs/Median					6	Chipped on end of NW curb, minor. Hairline vertical cracking of finish					
(Curb Type	: Standard)					on both sides.					
Scaling (Pe		1									
Bridge Rail	· · · · ·			6	6						
		rffi bridgi			-						
Bridge Rail P				7	7	-					
			GALVANIZED	-							
STEEL)				1001							
Bridge Rail/P	osts Coating			6	6						
(Type : GA	LVANIZED)										
Sidewalk				Х	Х						
Girder Detail	Ratings	1									
	N (count)	1 (count)	2 (count)	3 (cou	unt)						
Last	0	0	0		1						
Now	0	0	0		1						
Girders				3	3	Hairline diagonal cracking @ end of most girders. Longitudinal					
Last Complet	e Inspection [	Date 28-Apr	r-2008			hairline crack in center of outside face of both curb girdersphoto Leakage and staining between all girders at connector pockets.					
Cracking (Y	′/N)	Yes									
	ercent Area)	1				Isolated small rust spots at bottom side of all girders. Spalled concrete on G8 near centreline with exposed rebarpho					
Lift or Conne Grouted (Y/N	ctor Pocket	No				West curb lift pockets not grouted.					
(Number Of C	Girders : <b>12</b> )										
1	ent Problem	s									
Vertical (Y/		No									
Horizontal (		No									
	ure General R			3	3						
Superstructi		anny		3	3						

Alberta Transportation

					Subst	ructure
Bridge Com	onent			Last	Now	Explanation of Condition
Abutments						
(Extended I	Backwall Piles	s (Y/N) : <b>Y</b> )				
(Extended I	Backwall Piles	Spacing(mr	n) : <b>1500</b> )			
(Total Numbe	er of Caps/Co	rbels : <b>2:2</b> )				
Bearing Seats	s/Caps/Corbe	ls Detail Rati	ngs			
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last						
Now						
Bearing Seat	s/Caps/Corbe	ls	·	7	7	
(Type : STE	· · · · · · · · · · · · · · · · · · ·					
(Depth(mm						
(Width(mm) : <b>300</b> )						
Backwalls/Br	· · · · · · · · · · · · · · · · · · ·			7	7	
Greatest He		2.40		· ·		
Wingwalls		2.40		6	6	
wingwalls					0	
(Total Numbe	er of Bearing F	Piles : <b>14:14</b> )				Capitals on all piles
Piles Detail R		,				
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last					,	
Now						
Piles				6	6	
Paint/Coating	 I			8	8	
	•					
Abutment Stability				8	8	
Scour/Erosion					8	
Piers/Bents						
(Type : )						
	r of Cono/Cou					
	er of Caps/Cor					
Bearing Seats				2 (00)	unt)	
Last	N (count)	1 (count)	2 (count)	3 (cou	int)	
Last						-
Now				V	v	-
Bearing Seat	s/Caps/Corbe	15		X	X	
(Type : )						
(Depth(mm						
(Width(mm)	· · ·					
(Total Numbe		Piles : )				
Piles Detail R						
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last						
Now						
Pier Shaft/Pil				X	Х	
Greatest Height (m)						
Bracing/Strut	s/Sheathing			X	Х	
Nose Plate				X	Х	
Paint/Coating	J			Х	Х	
(Colour Des						
(Colour Cod						
Pier Stability				X	X	
The Stability				^	^	

## Alberta Transportation

Substructure											
Bridge Component		Last	Now	Explanation of Condition							
Scour		X	X								
	N1										
Debris (Y/N)	No										
Substructure General Rating		6	6								
		S	Structu	re Usage							
		Last		Explanation of Condition							
Channel											
(U/S Direction : W)											
(D/S Direction : E)											
Alignment		8	8								
Bank Stability		8	8								
HWM (m below Top of Curb)				HWM not visible.							
Drift (Y/N)	No										
Slope Protection		6	6								
(Type : RIP RAP; RIP RAP)											
Guidebank/Spurs		X	X								
Adequacy of Opening		8	8								
(Fish Compensation Measure 1 :	NONE)										
(Fish Compensation Measure 2 :	NONE)										
Channel General Rating		6	6								

					Main	tenance Reco	ommend	ations					
Inspector Recom	nendations		Year	Inspecto	r Comments			Department Com	ments		Target Year	Est. Cost	Cat #
REPAIR/REPLAC	E BRIDGE RAIL												
SEAL CURBS													
PATCH DECK													
OVERLAY DECK													
STRAIGHTEN/REPLACE MEMBERS													
WASHING													
SHOTCRETE REPAIRS													
CORE TIMBER CAPS/CORBELS													
REPAIR/REPLAC	E TIMBER CAPS												
REPAIR ABUTME	ENT SCOUR/EROSIO	NC											
PLACE ADDITIO	NAL RIP RAP												
<b>REMOVE DRIFT</b>	ACCUMULATION												
INSTALL STRUT	S												
OTHER ACTION			2012	Patch sp	oall in G8.								
OTHER ACTION			2012	Grout lift	hole pockets, W	Vest curb.							
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
Structural Condi (%)	ow)	50.0/50.0 Sufficiency Rating (Last/N (%)			ating (Last/No	w) 5	8.9/58.7	Est. Repl. Yr	2025	Maint. Re	qd. (Y/N)	Yes	
Special Comments for Next Inspection	ecial Monitor girder connection issues. mments for Monitor crack in curb girders.(bottom and outer face.)							Department Comments					
Maintenance Rev	Maintenance Reviewed By							Date		E	Estimated Total	0	
Proposed Long-T													
On 3-Year Program (Y/N)													
Proposed Action													
Previous Inspecto	or's Name	Todd V	odd Warshawski Pre					Assistant's Name					
Next Inspection D	ate	13-Oct	-2013			P	revious I	nspection Date	02-Mar-2010				
Inspection Cycle	(Default) (months)	21											
Comment													