						Bridge li	nspectio	n						
Bridge File Numb	ber	83067 -	1 Bridge				Form T			TT				
Year Built/Year		1986/19					Lot No.			2				
Supstr							Inspecto	or Name		Jason Salv	v			
Bridge or Town N	lame	N COO	KING LA					•			BR CLS A			
Located Over		WATER	COURSE	, WATERCRS	-NI			Assistant Name						
Located On		TRAIL-F	PED, ON 5	50000 FB				ssistant Class						
Water Body CI./Y	'ear						Inspecti			28-Nov-20	)11			
Navigabil. Cl./Ye	ar						· ·			Marcia Chavez				
Legal Land Locat	tion	SW SEC	C 18 TWP	52 RGE 19 W	/4M		Data Entry Date			03-Jan-2012				
Longitude, Latitu	de	-112:47	55, 53:29	:13		Reviewer Na				John O'Brien				
Road Authority		Alberta	Transport	ation (AIT)		Review Date				15-Dec-2011				
Contract Main. Area UNDEFINED CMA					Dept. Reviewer Name			Namo						
Clear Roadway/Skew 3 /					Dept. Review Date				09-Jan-20					
AADT/Year						Follow-Up By			ale	09-Jan-20	12			
Road Classificati	on	RLU-20	7G-60				F0110W-1	р Бу						
Detour Length (k	m)													
Allowable Load (1	t): Sin	ngle		Sem	i			Trair	ו			> On Crit >Critical	ical Spans Member	
Design Loading:				I	1							> Primary Span		
					P	osting lı	nformatio	on						
Required Load P	osting	(t)		Single			Ser	Semi			Truck	Train		
Posted Loading (	t)			Single			Ser	Semi			Truck	Train		
Posted:	Lane	EB		At Junction (Y/N)		No	In A	Advance (Y/N)		No	At Bri	dge (Y/N)	No	
Posted:	sted: Lane WB			At Junction (Y/N)		No	In Advance		(Y/N)	No			No	
Remarks														
Hazard Marker A	t Bride	ge (Y/N)	No											
Remarks		<b>.</b>												
Other Sign Types	5													
					U	tilities (l	Located	at)						
Utility Attachmen	ts													
Telephone							Gas							
Power							Municip	al						
Others								Problem (Y/N) No						
Remarks														
tomanto						Approa	ch Road							
					Last		Explana		Condi	ion				
Horizontal Alignment				5	6	Trails; OK for designed use.								
Vertical Alignmer					5	6	1		-					
Roadway Width (			3.700											
Approach Bump	. ,			5 4		4	85mm from path to de			k top; OK f	for desigr	ned use.		
Guardrail (Y/N)			No		-									
Guardrail					X	Х	1							
Length (m)							1							
Current Standa	rd (Y/	(N)	No				-							
Termination Ty		••)	None											
Drainage	PG		TNOTE		5	N								
-														
Approach Road	0.				5	6								

						tructure
Bridge Comp						Explanation of Condition
	n : <b>TT, 1 Span</b>	ns, Lengths(m	n): 4.8, A-Ider	t Numl	ber:)	
Special Feat					1	
Special Featu	ıre				X	
(Type : )					1	_
Special Featu	ıre				X	
(Type : )						
Wearing Surf	ace/Deck Top	Detail Ratings	5			
	N (%)	1 (%)	2 (%)	3 (%)		
Last						Snow covered.
Now	<b>Now</b> 100.0 0.0 0.0					
Wearing Surf	ace/Deck Top			5	N	
(Material Ty	/pe : TREATE	D TIMBER)				
(Plank Thic	kness(mm) : <b>7</b>	<b>'5</b> )				
(Plank Widt	h(mm) : <b>300</b> )					
Deck Rideabi	lity			5	5	
Wheel Guard	S			5	7	
(Curb Type	: Standard)					
(Type : TRE	EATED TIMBE	ER)				
(Thickness)	(mm) : <b>150</b> )					
(Width(mm)	) : <b>150</b> )					
Bridge Rail					6	DECK TO STREAMBED APPROX. 1.1m.
	EATED TIMBE	ER BRIDGE S	OLID BEAM (	EX. TIN	<b>IBER</b>	
Bridge Rail P	osts			X	6	
	EATED TIMBE	R:TREATED	TIMBER)			
Bridge Rail/P				X	X	
(Type : )	g					
(No. of String	ers · <b>7</b> )					
Stringer Deta	· · · · · · · · · · · · · · · · · · ·					-
Chiliger Dota	N (count)	1 (count)	2 (count)	3 (cou	int)	
Last						
Now	0	0	0		0	
Stringers			<b>.</b>	5	6	
	EATED TIMBE	ER)				1
(Width(mm)						
(Depth(mm	· · · · · · · · · · · · · · · · · · ·					
(Spacing(m	, ,					
Sub Deck/De				X	6	Deck underside of single layer of TT.
	/pe : TREATE			<b>^</b>	0	
		· · · · · · · · · · · · · · · · · · ·				
	kness(mm) : 7	3)				
	h(mm) : <b>300</b> )					
Defects (Pe						
	ent Problems					
Vertical (Y/		Yes				Piles installed for breastwall are tight against the stringers & heaving. First 3 stringers from S are nto bearing on caps; up to 40m gap.
Horizontal (		No		F	<u> </u>	
Superstructu	ure General R	ating		5	6	

Alberta Transportation

Bridge Component         Last         Now         Explanation of Condition           Abutments		
$ \begin{array}{                                    $		
(Extended Backwall Piles Spacing(mm) : )(Total Number of Caps/Corbels Detail RatingsN (count)1 (count)2 (count)3 (count)Bearing Seats/Caps/Corbels55Grape Seats/Caps/Corbels55Bearing Seats/Caps/Corbels55Cippe Time ATED TIMBER/ (Width(mm) : 500)X4Backwalls/BreastwallsXX8Backwalls/BreastwallsS5Greatest Height (m)1 (count)2 (count)3 (count)Nigwalls1 (count)2 (count)3 (count)Piles Detail RatingsX8New wingwalls installed.Now0000Now1 (count)2 (count)3 (count)Now0000PilesVXXPaint/CoatingXXAbutment StabilityS5Scour/ErosionS5Scour/ErosionS5Piers/BentsN (count)1 (count)N (count)1 (count)2 (count)Abutment StabilityS5Scour/ErosionS5Scour/ErosionS5Piers/BentsN (count)2 (count)N (count)1 (count)2 (count)Abutment StabilityS5Scour/ErosionSN (count)1 (count)2 (count)N (count)1 (count)2 (count)N (count)1 (count)2 (count) <t< td=""><td></td></t<>		
<th column<="" td=""><td></td></th>	<td></td>	
Nerve LastNew1 (count)2 (count)3 (court)Back000Bearing Sect/Caps/Corbe55(Type: TRETED TIMBE''5(Vidth(mm) : 500)5Sackwalls/Breastwalls/Breastwalls5Greatest Height (m) : 500)5Greatest Height (m) : 500)XMingwalls/Breastwalls5Vingwalls/Breastwalls/Breastwalls5Vingwalls/Breastw		
Last Now0000Bearing Seats/Caps/Corbels55(Type: TREATED TIMBER/ (Depth(mm) : 200)55(Width(mm) : 500)56Backwalls/Breastwalls/Breastwalls $X$ 4Greatest Height (m)55Vingwalls $X$ 8MingwallsNew wingwalls installed.(Total Number of Bearing Piles : 0:0) $X$ 8Now000Now000Now000Now000Piles $X$ XAbutment Startistiv $X$ $X$ Scour/Erosion $X$ $X$ Piers/Bents $X$ $X$ Now1 (count)2 (count) $3$ (count)Now $X$ $X$ $X$ Now $X$ $X$ $X$ Now1 (count)2 (count) $3$ (count)Now $X$ $X$ $X$ Piers/Bents $X$ $X$ $X$ $X$ $X$ Now1 (count) $2$ (count) $3$ (count)Now1 (count) $2$ (count) </td <td></td>		
Now0000Bearing Seats/Caps/Corbels55(Type : TREATED TIMBER:55(Depth(mm) : 200)::(Vidith(mm) : 50)::Backwalls/Breastwalls:X4Greatest Height (m):X4Greatest Height (m):X4Greatest Height (m):X8Micounty1 (count)2 (count)3 (count)Piles::XXNow00:Now00:Piles::XAbutment Stability::Scour/Erosion::Type :::N (count)1 (count)2 (count)Abutment Stability::Scour/Erosion::N (count)1 (count):Abutment of Caps/Corbels : ):Bearing Seats/Caps/Corbels : Letting Raings:N (count)1 (count):2 (count)::N (count)1 (count):2 (count)::M (count)1 (count):2 (count)::M (count)::Now::Now::Now::Bata (Caps/Corbels : ):Bata (Caps/Corbels : ):Bearing Seats/Caps/Corbels ::Bearing Seats/Caps/Corbels : </td <td></td>		
Bearing Seats/Caps/Corbels       5       5         (Type : TREATED TIMBER)       (Udith(mm) : 200)         (Width(mm) : 200)       (Width(mm) : 500)         Backwalls/Breastwalls       X       4         Backwalls/Breastwalls/Breastwalls       X       4         Breastwalls/Breastwalls       X       8         Greatest Height (m)       X       8         Wingwalls       Fearing Piles : 0:0)       X       8         Vingwalls       N (count)       1 (count)       2 (count)       3 (court)         Piles Detail Ratings       X       X       X         Now       0       0       0       0         Paint/Coating       X       X       X       X         Abutment Stability       V       5       5       5         Scour/Erosion       5       5       5       5         Bearing Seats/Caps/Corbels Detail Ratings       V       X       X         Now       1 (count)       2 (count)       3 (count)       1 (count)         I (count)       1 (count)       2 (count)       5       5         Bearing Seats/Caps/Corbels       Detail Ratings       V       V         Now       1 (count) <td></td>		
$ \begin{array}{                                    $		
$ \begin{array}{  c                                  $		
(Width(mm) : 500)X4Breastwall piles are too high, once cut back would rate 8.Greatest Height (m)X4Breastwall piles are too high, once cut back would rate 8.Greatest Height (m)X4Breastwall piles are too high, once cut back would rate 8.Greatest Height (m)XX8New wingwalls installed.VingwallsSetting Piles : 0:0)Piles Count)1 (count)2 (count)3 (cou-true)No000XXXXXXPilesVingwallsVingwallsNew wingwalls installed.VingwallsN (count)1 (count)2 (count)3 (cou-true)PilesXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX <td></td>		
XXXXYPreastwall piles are too high, once cut back would rate 8.Greatest Height (m)XXXReastwall piles are too high, once cut back would rate 8.WingwallsWingwallsNetwork would rate 8.VingwallsNetwork would rate 8.Vingwalls installed.Vingwalls installed.		
Greatest Height (m)Image: Second Sec		
WingwallsVX8New wingwalls installed.(Total Number of Bearing Piles 200)COSince Piles P		
Image: Constraint of the series of the se		
Piles Detail RatingsLastN (count)1 (count)2 (count)3 (count)Last000Now000Piles $X$ XXPaint/Coating $X$ $X$ XAbutment Stability $V$ $X$ $X$ Scour/Erosion $V$ $V$ $S$ Piers/Bents(Type :) $V$ $Z$ (Total Number of Caps/Corbels $U$ ) $U$ $3$ (count)N (count)1 (count)2 (count) $3$ (count)LastNN $Q$ $Q$ Now $Q$ $Q$ $Q$ Bearing Seats/Caps/Corbels $X$ $X$ Now $Q$ $Q$ $Q$		
Piles Detail RatingsLastN (count)1 (count)2 (count)3 (count)Last000Now000Piles $X$ XXPaint/Coating $X$ $X$ XAbutment Stability $V$ $X$ $X$ Scour/Erosion $V$ $V$ $S$ Piers/Bents(Type :) $V$ $X$ (Total Number of Caps/Corbels $D$ tail Ratings $V$ N (count)1 (count)2 (count)3 (count)LastNN $V$ $V$ Now $Q$ $Q$ $X$ $X$ Bearing Seats/Caps/Corbels $V$ $X$ $X$ Row $Q$ $Q$ $Q$ $Q$ $V$ $X$ $X$ $X$ $V$ $X$ $X$		
N (count)         1 (count)         2 (count)         3 (count)           Last         Image: Normal State		
Last       Image: Market		
Now       0       0 $\end{tites}$ Piles       X       X         Paint/Coating       X       X         Abutment Stability       S       5         Scour/Erosion       5       5         Piers/Bents       5       5         (Type :)       Total Number of Caps/Corbels : )       5         Bearing Seats/Caps/Corbels : Detail Ratings       3 (court)         I (count)       1 (count)       2 (count)         N (count)       1 (count)       2 (count)         Bearing Seats/Caps/Corbels       X       X         Item in the interval of the interval o		
Piles       X       X         Paint/Coating       X       X         Abutment Stability       5       5         Scour/Erosion       5       5         Piers/Bents       5       5         (Type :)       (Total Number of Caps/Corbels :)       5         Bearing Seats/Caps/Corbels Detail Ratings       3 (count)         N (count)       1 (count)       2 (count)         Bearing Seats/Caps/Corbels       X       X         Now       Image: Caps/Corbels X       X         Bearing Seats/Caps/Corbels       X       X		
Paint/CoatingXXXAbutment Stability55Scour/Erosion55Piers/Bents(Type : )5(Total Number of Caps/Corbels : )5Bearing Seats/Caps/Corbels Detail Ratings3 (count)I (count)1 (count)2 (count)3 (count)LastNXXNow00Bearing Seats/Caps/CorbelsXX(Type : )XX		
Abutment Stability55Scour/Erosion55Piers/Bents(Type : ) $5$ (Total Number of Caps/Corbels : ) $5$ Bearing Seats/Caps/Corbels Detail Ratings $3$ (count)N (count)1 (count) $2$ (count) $3$ (count) $3$ (count)LastIncome International Internationa		
Scour/Erosion55Piers/Bents55(Type : ) $(Total Number of Caps/Corbels : )$ Bearing Seats/Caps/Corbels Detail RatingsN (count)1 (count)2 (count)3 (count)LastIncoloredNowIncoloredBearing Seats/Caps/CorbelsXXX(Type : )		
Piers/Bents(Type : )(Total Number of Caps/Corbels : )Bearing Seats/Caps/Corbels Detail RatingsN (count)1 (count)2 (count)3 (count)LastNowNowImage: Now of the set		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		
Bearing Seats/Caps/Corbels Detail Ratings         N (count)       1 (count)       2 (count)       3 (count)         Last       Mow       Image: Caps/Corbels       X       X         Bearing Seats/Caps/Corbels       X       X       X         (Type : )       Image: Caps/Corbels       X       X		
N (count)1 (count)2 (count)3 (count)LastNowImage: Caps/Corbel state st		
Last     Image: Constraint of the second secon		
Now         Image: Comparing Seats/Corbels         X         X           (Type : )         X         X         X		
Bearing Seats/Caps/Corbels     X     X       (Type : )		
(Type:)		
(Width(mm):)		
(Total Number of Bearing Piles : )		
Piles Detail Ratings		
N (count) 1 (count) 2 (count) 3 (count)		
Last		
Now		
Pier Shaft/Piles X X		
Greatest Height (m)		
Bracing/Struts/Sheathing X X		
Nose Plate     X     X		
Paint/Coating X X		
(Colour Description : )		
(Colour Code : )		
Pier Stability X X		

## Alberta Transportation

		_	Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Scour		X	X	
Debris (Y/N)	Yes			
Substructure General Rating		5	5	
		S	Structu	re Usage
			Now	Explanation of Condition
Channel				
(U/S Direction : )				Unknown
(D/S Direction : )				
Alignment		7	7	
Bank Stability			7	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	Yes			
Slope Protection		5	6	
(Type : NATURAL; NATURAL	)			
Guidebank/Spurs			X	
Adequacy of Opening		5	5	
(Fish Compensation Measure 1 :	NONE)			
(Fish Compensation Measure 2 :	NONE)			
Channel General Rating		5	5	

			Maintenance Re	ecommend	ations					
Inspector Recommendations	Year	Inspecto	or Comments		Department Comm	Target Year	Est. Cost	Cat #		
REPAIR/REPLACE BRIDGE RAIL										
PATCH DECK										
REPLACE STRIP DECK										
REPLACE SUB DECK										
STRAIGHTEN/REPLACE MEMBERS										
WASHING										
CORE TIMBER CAPS/CORBELS										
REPAIR/REPLACE TIMBER CAPS										
REPAIR ABUTMENT SCOUR/EROSI	NC									
PLACE ADDITIONAL RIP RAP										
REMOVE DRIFT ACCUMULATION										
INSTALL STRUTS										
OTHER ACTION	2012	Cut bac	k breastwall piles.							
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/No (%)	ow) 55.0/6 <sup>-</sup>	.1	Sufficiency Rating (Last/ (%)	Now) 5	51.2/79.0	Est. Repl. Yr	2020	Maint. Red	qd. (Y/N)	Yes
Special					Department					
Comments for Next Inspection					Comments					
Next Inspection					Comments			Estimated Total	0	
					Date			Estimated Total	0	
Next Inspection Maintenance Reviewed By					Comments			Estimated Total	0	
Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy					Comments			Estimated Total	0	
Next Inspection         Maintenance Reviewed By         Proposed Long-Term Strategy         On 3-Year Program (Y/N)	Aime Theroux			Previous A	Comments			Estimated Total	0	
Next Inspection         Maintenance Reviewed By         Proposed Long-Term Strategy         On 3-Year Program (Y/N)         Proposed Action	Aime Theroux 28-Aug-2016				Comments Date	13-Nov-2002		Estimated Total	0	
Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action Previous Inspector's Name					Comments Date Assistant's Name	13-Nov-2002		Estimated Total	0	