						Bri <u>dge Ir</u>	spection							
Bridge File Num	ber	79692 -1	Bridge				Form Type	9		PSR				
Year Built/Year		1989/198					Lot No.			2				
Supstr							Inspector Name			Arnold Assenheimer				
Bridge or Town I		CALLING					Inspector Class			BR CLS A				
Located Over		TRIBUTA		CALLING	RIVER, 8	.11.53.8,	Assistant Name			Wade Nanninga				
Located On		813:06 C					Assistant Class			BR CLS B				
Water Body CI./							Inspection	Date		06-Jan-201	1			
Navigabil. Cl./Ye							Data Entry	′ Ву		Theresa Lad	custa			
Legal Land Loca		NE SEC	5 TWP 7	4 RGE 22	2 W4M		Data Entry	Date		03-Feb-201	1			
Longitude, Latitu		-113:20:2	-	-			Reviewer Name			Stew Hagan				
Road Authority Alberta Transportation (AIT)					.)		Review Date			13-Jan-201	1			
Contract Main. Area CMA10							Dept. Reviewer Name			Brent Herric	k			
Clear Roadway/Skew 12 /							Dept. Review Date			08-Feb-201	1			
AADT/Year		520 / 200	9 (A)				Follow-Up	Ву						
Road Classificat	ion	RCU-210	-110											
Detour Length (k	(m)	120												
Allowable Load (t): Sin	gle CS1	28		Semi C	S2 49		Train	CS	3 62		> On Criti	cal Spans	
Dooign Loadin		007	50								>Critical Member			
Design Loading:		CS7	50		-	osting k	formation					> Phimary	Spall	
Required Load F	ostina	(t)		Single		esting if	Semi				Truc	k Train		
Posted Loading		(•)		Single			Semi					k Train		
Posted:	Lane	NB			ion (Y/N)	No		n Advance (Y/N)		No		idge (Y/N)	No	
Posted:	Lane	SB			ion (Y/N)	No	In Advance (Y/N)				Bridge (Y/N) No			
		quired.			()	-			-)	-		<u> </u>	1 -	
Hazard Marker A		•	Yes											
Remarks		,- (,												
Other Sign Type	s													
					U	tilities (L	ocated at)							
Utility Attachmer	nts													
Telephone							Gas							
Power							Municipal							
Others							Problem (Y/N) N	lo					
Remarks														
							ch Road							
					Last		Explanatio				41.			
Horizontal Alignr					6	6				curve to Nor _imited sight		ce both direc	tions.	
Vertical Alignme	nt				6	6								
Roadway Width	(m)		10.300											
Approach Bump	. ,				7	7	1							
Guardrail (Y/N)			Yes											
Guardrail					7	7	Missing 2	posts pe		rner, insuffici & NE - 25.3ı	ent ler	ngth.		
Length (m)			25.300					JZ.311	, 377	a ne - 20.01				
Current Standa	ard (Y/I	N)	No				1							
			Turned	Down										
Termination Ty														
.					4	4	Eroded un	der NW	cap.	Fill settled 2	200mr	n.		
Termination Ty Drainage Approach Road					4 6	4 6	Eroded un	der NW	cap.	Fill settled 2	200mr	n.		

							tructure
Bridge Comp					Last		Explanation of Condition
(Primary Spa	n : DBC, 1 Sp	ans, Le	engths	(m): 38, A-Ide	ent Nun	nber:)	
Special Feat	ures					1	
Special Featu	ire					X	
(Type :)							
Special Featu	ire					X	
(Type :)							
Wearing Surfa	ace/Deck Top	Detail I	Ratings	6			
	N (%)	1 (%)		2 (%)	3 (%)		
Last							
Now	10.0	0	.0	0.0	0	.0	
Wearing Surfa	ace	1		1	6	6	
(Material Ty							
	· · · · · · · · · · · · · · · · · · ·						
(Thickness(mm) : 50) Lateral Connection Problem No							
(Y/N)			NU				
Deck Top					N	N	
Deck Rideabi	lity				8	8	
Deck Rideabi	iity				0	0	
Deck Joints					6	4	Loose bolt at N abut plate-rattles under traffic.
Temperatur	e (deg. C)	(0				
(Expansion	Type : ARMO	URED	GLAN	D (WABO UN	der fi	NGER	
	G PLATES))						
(Fixed Type SLIDING P	e : ARMOURE LATES))	D GLA	ND (W	ABO UNDER	FINGE	R OR	
Gap Size (n	nm)		Gap L	ocation			
20			N. Ab	ut.			
15			S. Abi				
Deck Drainag					8	8	
	· · · · · · · · · · · · · · · · · · ·				0	0	
Drains Clog							
Curbs/Mediar					8	N	
	: Standard)						
Scaling (Pe	rcent Area)	()			-	
Bridge Rail					8	8	
(Type : GAI	VANIZED ST	FEEL B	RIDGE	TUBE;BRID	GE TUE	BE)	
Bridge Rail P	osts				8	8	
(Type : GAI	VANIZED PO	DST ST	EEL)			1	
Bridge Rail/P	osts Coating				8	8	
(Type : GAI	VANIZED)						
Sidewalk					X	Х	
Girder Detail	Ratings						
Sucor Dotal	N (count)	1 (cou	int)	2 (count)	3 (cou	int)	
Last		. (550		- (000110)	0,000	,	
Now							
Girders		1			5	4	Typical DBC cracking in end blocks,
	(/NI)		Voc		5	4	extending into narrow web.
Cracking (Y	· · ·		Yes				Curb girders and G3-S abut.
Spalling (Pe		()				
(Number Of G	Firders : 11)						

Alberta Transportation

Bridge ComponentLengthac(m): 38, A-Ide-MINUMEExplanation of Condition(Primary Span : DBC, 1 Span, Lengthac(m): 38, A-Ide-MINUME884Temperature (deg, C)0				Supers	tructure
Daphragms/Cross Frame8888Bearings0	Bridge Component		Last	Now	Explanation of Condition
Bearings Image: Second seco	(Primary Span : DBC, 1 Spans,	Lengths(m): 38, A-Ide	nt Nun	nber:)	
Temperature (deg. C) 0 Image: Construct of the	Diaphragms/Cross Frame		8	8	
Temperature (deg. C) 0 o	Bearings		8	4	
Terring Adequate (V/N) Yes Image: Construction of Source Suppling Johns on Source Suppling Johns on Source Source Suppling Johns on Source Sour		0			Pad under CR N abut is aligning 20mm off soul plate
(Fixed Type: PINNED BEARING) Coding Adequate (YN)YesIFunctioning (YN)YesIDeck Underside0IStains (Percent Area)0ISpan Alignment ProblemsIIVertical (YN)NoIYentize (YN)NoISuperstructure General RatingsIBridge ComponentIIAbutmentsIIBridge ComponentIIBridge ComponentIIAbutmentsII(Type : CONCRETE)IIBackwalls/BreastwallsIIPilesIIPint/CoatingIIPint/CoatingIIPint/CoatingIIPint/CoatingIIPint/CoatingIIPint/CoatingIIPint/CoatingIIPint/CoatingIIIIIPint/CoatingIIIIIPint/CoatingII <td>· · · ·</td> <td></td> <td>ING W</td> <td>/ITH</td> <td>- Pad under Go N abut is slipping zomm on sour plate.</td>	· · · ·		ING W	/ITH	- Pad under Go N abut is slipping zomm on sour plate.
Coating Adequate (Y/N) Yes Yes Functioning (Y/N) Yes I Deck Underside 0 I Stains (Percent Area) 0 I Span Alignment Problems Vertical (Y/N) No I Horizontal (Y/N) No I I Superstructure General Rating 0 I I Bridge Component Last Now Explanation of Condition Abutments I I I Bearing Seats/Caps 8 8 I Origonalls/Breastwalls No No I Piles No 8 I Paint/Coating I No No I Socur/Erosion I No No I Piers/Bents I I I I Fors/Bents I I I I Type : Description : I I I I Piers/Bents I I I I Type : Description : I I I I Rating Sott/Caps I I I I Rating Sott/Caps I I I I R					-
Functioning (V/N)Yes \blacksquare Deck Underside0 \blacksquare Stains (Percent Area)0 \blacksquare Span Alignment Problems \blacksquare \blacksquare Vertical (Y/N)No \blacksquare Horizontal (Y/N)No \blacksquare Super Structure General Rating \blacksquare \blacksquare Bridge ComponentLastNowExplanation of ConditionAbutments \blacksquare \blacksquare Gening Seats/Caps \blacksquare \blacksquare (Type : CONCRETE) \blacksquare \blacksquare Bridge Control \blacksquare \blacksquare Wingwalls \blacksquare \blacksquare Pint/Coating \blacksquare \blacksquare Scour/Erosion \blacksquare \blacksquare Paint/Coating \blacksquare \blacksquare Piers/Bents \blacksquare \blacksquare Scour/Erosion \blacksquare \blacksquare Piers/Bents \blacksquare \blacksquare Piers/Bents \blacksquare \blacksquare Piers/Bents \blacksquare \blacksquare (Type :) \blacksquare \blacksquare Piers/Benting Piles :)	• • •				-
Deck Underside888Stains (Percent Area)0 \blacksquare Span Alignment Problems \blacksquare \blacksquare Vertical (Y/N)No \blacksquare Horizontal (Y/N)No \blacksquare Superstructure General Rating \blacksquare \blacksquare Bridge ComponentLateNowExplanation of ConditionAbutmentsBearing Seats/Caps88(Type : CONCRETE)88Backwalls/Breastwalls88Vingwalls88PilesNNPaint/Coating46Abutment Stability88Scour/Erosion44Virgve :74Yirgve :88Scour/Erosion45Piers/BentsXXType : \blacksquare XRatiny ?Struts/SheathingXXNose PlateXXPaint/CoatingXXNose PlateXXPiers/BentsXXPiers/Bents/CapsXXPiers/Bents/PilesXXPiers/Diating Piles :XXPiers/PilesXXPiers/PilesXXPiers/Piles/PilesXXPiers/Pile					-
Stains (Percent Area)0ISpan Alignment ProblemsNoVertical (Y/N)NoNoIHorizontal (Y/N)NoSuperstructure General Rating54Strigge ComponentLastNowAbutmentsIssee StructureBearing Seats/Caps88(Type : CONCRETE)88Wingwalls88PilesNNPaint/Coating46Scour/Erosion48Scour/Erosion45Piers/BentsXXType : Croto-RetterXXPiers/BentsXXType : Croto-RetterXXPiers/BentsXXType : Croto-RetterXXPiers/BentsXXType : Croto-RetterXXPiers/BentsXXType : Croto-RetterXXBracing/Struts/SheathingXXNose PlateXXPaint/CoatingXXNose PlateXXPaint/CoatingXXPaint/CoatingXXNose PlateXXPaint/CoatingXXPaint/CoatingXXNose PlateXXPaint/CoatingXXCoolor Coe: :XXPaint/CoatingXXPaint/CoatingXXPaint/CoatingX </td <td></td> <td>Yes</td> <td></td> <td>_</td> <td></td>		Yes		_	
Span Alignment ProblemsVertical (Y/N)NoIHoizontal (Y/N)NoISuperstructure General Rating54Bridge ComponentLatsNowExplanation of ConditionKexplanation of ConditionAbutmentsSuperstructure General Rating8Bridge ComponentLatsNowAbutmentsSuperstructure General Rating8Bearing Seats/Caps88(Type : CONCRETE)88Backwalls/Breastwalls88PilesNNPaint/Coating46Scour/Erosion44Piers/Bents44Type :)IFreeserstructure Statistic S			8	8	-
Vertical (Y/N)NoImage: Constructure General RatingNoImage: Constructure General RatingImage: Constructure General Rating		0			
Horizontal (Y/N)NoImage: state of the state of t		1			
Superstructure General Rating 5 4 Substructure Bridge Component Last Now Explanation of Condition Abutments Image: Source Condition Explanation of Condition Bearing Seats/Caps 8 8 (Type : CONCRETE) 8 8 Backwalls/Breastwalls 8 8 Vingwalls 8 8 Piles N N Paint/Coating 4 6 Scour/Erosion 4 6 Scour/Erosion 4 4 Piers/Bents T (Type :) T Total Number of Bearing Piles :) X X Piers/Bents X X Total Number of Bearing Piles :) X X Piers/Bents X X Rose Plate X X Nose Plate X X Nose Plate X X (Colour Description :) X X (Colour Description :) X X					-
SubstructureStatic conditionStatic conditionAbutmentsBearing Seats/Caps888(Type: CONCRETE)Backwalls/Breastwalls88Backwalls/Breastwalls88Backwalls/Breastwalls88Backwalls/Breastwalls88Wingwalls88PielsNNPielsNNPier/CoatingNNPier/BentsS(Type :)SPier/SentsXXYYPier/SentsXXYXXYYYYPier/SentsXXYYYYYYYYYYYYYY					

Alberta Transportation

		S	re Usage						
		Last	Now	Explanation of Condition					
Channel									
(U/S Direction : E)									
(D/S Direction : W)									
Alignment			7						
Bank Stability		7	7						
HWM (m below Top of Curb)				HWM not visible.					
Drift (Y/N)	Yes								
Slope Protection		8	4	Lower half of headslope. NW corner fill settled 200mm.					
(Type : RIP RAP; RIP RAP)				NW corner fill settled 200mm.					
Guidebank/Spurs			Х						
Adequacy of Opening			9						
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating		7	4						

			Ivial	ntenance Re	commena	ations						
Inspector Recommendations	Year	Inspecto	or Comments			Department Cor	mmen	Target Year	Est. Cost	Cat #		
REPAIR/REPLACE BRIDGE RAIL												
GALVANIZE/PAINT BRIDGE RAIL												
SEAL CURBS												
PATCH DECK												
SEAL DECK												
OVERLAY DECK												
REPAIR/REPLACE DECK JOINTS												
RESET/ PAINT BEARINGS												
WASHING												
SHOTCRETE REPAIRS												
REPAIR ABUTMENT SCOUR/EROSIC	DN											
PLACE ADDITIONAL RIP RAP												
REMOVE DRIFT ACCUMULATION												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
					1							
Structural Condition Rating (Last/No (%)	ow) 72.2/66.	7	Sufficiency F (%)	ating (Last/N	low) 6	6.8/58.9	Est	t. Repl. Yr	2049	Maint. Rec	d. (Y/N)	No
Structural Condition Rating (Last/No.(%)Special Comments for Next Inspection			Sufficiency F (%)	tating (Last/N	low) f	56.8/58.9 Department Comments	Est	t. Repl. Yr	2049	Maint. Rec	ıd. (Y/N)	No
(%) Special Comments for Next Inspection			Sufficiency F (%)	tating (Last/N	low) f	Department	Est	t. Repl. Yr	<u> </u>	Maint. Rec		No
(%) Special Comments for			Sufficiency F (%)	tating (Last/N	low) f	Department Comments	Est	t. Repl. Yr	<u> </u>			No
(%) Special Comments for Next Inspection Maintenance Reviewed By			Sufficiency F (%)	tating (Last/N	low) 6	Department Comments	Est	t. Repl. Yr	<u> </u>			No
(%) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy			Sufficiency F (%)	tating (Last/N	low) 6	Department Comments	Est	t. Repl. Yr	<u> </u>			No
(%) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action			Sufficiency F (%)	Rating (Last/N		Department Comments		t. Repl. Yr	<u> </u>			No
(%) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action Previous Inspector's Name	& cracking in gir		Sufficiency F (%)	Rating (Last/N	Previous A	Department Comments Date		t. Repl. Yr 08-Aug-2007	<u> </u>			No
(%) Special Comments for Next Inspection Monitor NW erosion Maintenance Reviewed By Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action Previous Inspector's Name Next Inspection Date	& cracking in gir		Sufficiency F (%)	tating (Last/N	Previous A	Department Comments Date			<u> </u>			No