Bridge Inspection																
Bridge File Number 78813 -1 Bridge									т Туре			TT				
Year Built/Year 1977/1977									Lot No.			3				
Supstr								Ins	Inspector Name			Calvin Roberts				
Bridge or Town Name MILLARVILLE									Inspector Class			BR CLS B				
Located Over TRAIL-ANIMAL, OVER SP									Assistant Name							
Located On 549:02 C1 12.773								Ass	Assistant Class							
Water Body Cl./Year									Inspection Date			09-Feb-2013	3			
Navigabil. Cl./Year									ta Entry			Lauren Korte)			
Legal Land Loca	tion	SE SE	C 8 TWP 2	1 RGE 3	W5M	<i>1</i>			Data Entry Date			09-Mar-2013	3			
Longitude, Latitu	de	-114:2	2:32, 50:45	:48					Reviewer Name			Garry Rober				
Road Authority		Alberta	a Transporta	ation (AI	T)			Re	view Dat	te		16-Feb-2013				
Contract Main. A	rea	CMA2	7					De	pt. Revie	ewer N	Name	Tim Davies				
Clear Roadway/S	Skew	9/							pt. Revie			13-Mar-2013	3			
AADT/Year		1,510 /	2011 (A)						low-Up [
Road Classificat	ion	RCU-2	.09-110						.о ор -	_,						
Detour Length (k	m)	5														
Allowable Load (t): Sin	gle			Semi					Train				> On Criti	itical Spans	
5														>Critical N		
Design Loading:									4:					> Primary	Span	
Degrational Vert C	·laavan	D	tive or (vee)			Po	sting	ntori	mation							
Required Vert. C																
		arance (Y/N)					() (() ()							In Advance (Y/N)		
	NB Nation		Bridge (m)		In Adva	ance ((Y/IN)		Lane	SB	0	n Bridge (m)		in Advance	e (Y/N)	
		quired.							0:			T				
Required Load P		(t)		Single					Semi			Truck Train				
Posted Loading					Single				Semi				Truck Train			
Posted:	Lane	`				-		In Advance (Y/N)		No	At Bridge (Y/N)		No			
Posted:	Lane	WB At Junction (tion (Y	Y/N) No			In Advance (Y/N)		No	At Br	idge (Y/N)	No		
		quired.														
Hazard Marker A	t Brido	ge (Y/N														
Remarks None required.																
Other Sign Type	S															
						Uti	ilities (Loca	ted at)							
Utility Attachmer																
Telephone	South							Gas			_					
Power	3 Wire	North	tence.						Municipal 26m E			East.				
Others									Problem (Y/N) No							
Remarks							A 10.00									
							Approach Road Last Now Explanation of Condition									
Horizontal Aligna	nent					6	6	-	rve to W		Jonal	LI OII				
	Horizontal Alignment					8	8		1 40 10 11	oot.						
Vertical Alignment						0	0									
Roadway Width (m) 9.000						7	7									
Approach Bump Guardrail (Y/N) Yes								1 h	roken po	net @	S/V/ ~	orner				
Guardrail (Y/N) Yes				7	4	ີ 3 p	osts on I	North	side o	omer. close to break	ing.					
						-	4	No.	t thriebea	am.						
Length (m) 47.000 Current Standard (Y/N) No																
						7	7									
Drainage						7	'									
Approach Road	Gene	ral Rat	ing			6	6									
- Pp act. 1 control of 1 control																

Wearing Surface/Deck Top 7 7 (Material Type : MIX TYPE 1 ACP) (Plank Thickness(mm) : 50) (Plank Width(mm) :) 7 7 Deck Rideability 7 7 Wheel Guards X X (Curb Type :) (Thickness(mm) :) (Width(mm) :) (Width(mm) :) Bridge Rail X X (Type :) (Type :) Bridge Rail/Posts Coating X X (Type :) (No. of Stringers : Null) Stringer Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last Now 1 1 (count) 2 (count) 3 (count)						Suners	tructure
Primary Span : TP, 1 Spans, Lengths(m): 1.8, A-Ident Number:	Bridge Com	ponent					
Special Feature	_		ns. Lengths(n	n): 1.8. A-Ide			= Aprahalion of Containon
Special Feature			,go(.,,		,	
Type :						X	
Special Feature		<u></u>				,,,	
Type :		ure				X	
Mearing Surface/Deck Top		<u> </u>					
N (%)		face/Deck Ton	Detail Rating				
Now	vvcaring our	1			3 (%)		
New 0,0	Last					n	-
Wearing Surface/Deck Top	Now	-					
(Material Type : MIX TYPE 1 ACP) ((Plank Width(mm) :) Deck Rideability 7 7 7 Wheel Guards X X X (Curb Type :) ((Type :) ((Thickness(mm) :) (Width(mm) :) Dridge Rail X X X ((Type :) ((Type :				0.0			0.65m of cover over structure
(Plank Width(mm) :) Deck Rideability 7 7 Wheel Guards X X X (Curb Type :) (Type :) (Type :) (Tickness(mm) :) (Width(mm) :) Bridge Rail X X X (Type :) Stridge Rail Posts X X X (Type :) Stridge Rail/Posts Coating X X X (Type :) (Ty					, ,		0.00m of cover over structure.
Plank Width(mm) :)		-					
Deck Rideability 7 7 7 Wheel Guards			,0)				
Meel Guards					7	7	
(Curb Type :) (Type :) (Thickness(mm) :) (Width(mm) :) Bridge Rail	Deck Rideab	ility			'	′	
(Curb Type :) (Type :) (Thickness(mm) :) (Width(mm) :) Bridge Rail	Wheel Guard	ds			Х	Х	
(Type:) (Thickness(mm):) (Width(mm):) Bridge Rail							
(Thickness(mm) :) (Width(mm) :) Bridge Rail		,					
Width(mm) :) Bridge Rail		(mm) :)					
Stringer Stringers Strin							
(Type :)		,			X	X	
Bridge Rail/Posts Coating							
Count Coun						X	
Bridge Rail/Posts Coating							
(Type :) (No. of Stringers : Null) Stringer Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last Now Stringers X X (Type :) (Width(mm) :) (Depth(mm) :) (Spacing(mm) :) Sub Deck/Deck Underside 6 6 6 (Material Type : TREATED TIMBER) (Plank Thickness(mm) : 100) (Plank Width(mm) :) Defects (Percent Area) 2 Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No No Stringers X X X Timbers vary from 100mm to 400mm. New 75x305 planks at North end.		Posts Coating			X	X	
No. of Stringers : Null Stringer Detail Ratings		ooko ookiii ig					
Stringer Detail Ratings		nare : Null)					
N (count)							-
Last	Ottnigor Bott		1 (count)	2 (count)	3 (cou	ınt)	
Now Stringers X X X	Last	it (oodin)	i (oodiii)	2 (oount)	0 (000		
Stringers	Now						
(Type:) (Width(mm):) (Depth(mm):) (Spacing(mm):) Sub Deck/Deck Underside (Material Type: TREATED TIMBER) (Plank Thickness(mm): 100) (Plank Width(mm):) Defects (Percent Area) 2 Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Stringers				X	Х	
(Width(mm):) (Depth(mm):) (Spacing(mm):) Sub Deck/Deck Underside (Material Type: TREATED TIMBER) (Plank Thickness(mm): 100) (Plank Width(mm):) Defects (Percent Area) Vertical (Y/N) No Horizontal (Y/N) No							
(Depth(mm):) (Spacing(mm):) Sub Deck/Deck Underside (Material Type: TREATED TIMBER) (Plank Thickness(mm): 100) (Plank Width(mm):) Defects (Percent Area) Vertical (Y/N) No Horizontal (Y/N) No):)					
(Spacing(mm):) Sub Deck/Deck Underside (Material Type: TREATED TIMBER) (Plank Thickness(mm): 100) (Plank Width(mm):) Defects (Percent Area) Vertical (Y/N) Horizontal (Y/N) No Timbers vary from 100mm to 400mm. New 75x305 planks at North end.							
Sub Deck/Deck Underside (Material Type : TREATED TIMBER) (Plank Thickness(mm) : 100) (Plank Width(mm) :) Defects (Percent Area) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No Timbers vary from 100mm to 400mm. New 75x305 planks at North end.							
(Material Type : TREATED TIMBER) (Plank Thickness(mm) : 100) (Plank Width(mm) :) Defects (Percent Area) Span Alignment Problems Vertical (Y/N) Horizontal (Y/N) No					6	6	Timbers vary from 100mm to 400mm.
(Plank Thickness(mm) : 100) (Plank Width(mm) :) Defects (Percent Area) 2 Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No							New 75x305 planks at North end.
(Plank Width(mm) :) 2 Defects (Percent Area) 2 Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No							
Defects (Percent Area) 2 Span Alignment Problems Vertical (Y/N) Vertical (Y/N) No Horizontal (Y/N) No							
Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No							
Vertical (Y/N) No No							
Horizontal (Y/N) No							
Superior defined to the first terminal to the first terminal termi						6	
	Japonotraot	o oonoran i	9				

					Subst	ructure							
Bridge Comp	onent			Last	Now	Explanation of Condition							
Abutments													
(Extended E	Backwall Piles	s (Y/N) : N)				Cap notched into piles, sharing load with pile tops; extra planks							
		s Spacing(mm):)		added to small piles.								
(Total Numbe	er of Caps/Cor	rbels::)											
Bearing Seats	s/Caps/Corbe	ls Detail Ratin	gs			Repair 2008. Additional new 100x305 T.T. added at North end.							
	N (count)	1 (count)	2 (count)	3 (cou	ınt)								
Last	0	0	0		0								
Now	0	0	0		0								
Bearing Seats	s/Caps/Corbe	ls		6	5								
(Type : TRE	EATED TIMBI	ER)											
(Depth(mm)) : 300)												
(Width(mm)	: 300)												
Backwalls/Bre	eastwalls			6	6								
Greatest He	eight (m)	1.80				Repair 2008. Additional new 100x305 T.T. added at North end. 12/side. Additional new 100x305 bolted to existing 200x200 T.T. piles at North end. Grass covered.							
Wingwalls				6	6								
(Total Numbe	er of Bearing F	Piles : 12:12)				12/side.							
Piles Detail R		<u> </u>				Additional new 100x305 holted to existing 200x200 T.T. hiles at							
	N (count)	1 (count)	2 (count)	3 (cou	ınt)	North end.							
Last	0	0	0		0								
Now	0	0	0		0								
Piles				6	6								
Paint/Coating	1			Х	Х								
Abutment Sta	ability			6	6								
Scour/Erosion	n			7	7	Grass covered.							
Piers/Bents													
(Type:)													
(Total Numbe	·	· · · · · · · · · · · · · · · · · · ·											
Bearing Seats	1												
	N (count)	1 (count)	2 (count)	3 (cou	ınt)								
Last													
Now	(0)				l								
Bearing Seats	s/Caps/Corbe	IS		X	X								
(Type:)													
(Depth(mm)													
(Width(mm)													
(Total Number		Piles:)											
Piles Detail R				1									
	N (count)	1 (count)	2 (count)	3 (cou	ınt)								
Last													
Now (//Dil						-							
Pier Shaft/Pile				X	X								
Greatest Height (m)					Ι.								
Bracing/Struts/Sheathing					6	T.T. struts between pile bottoms.							
Nose Plate					Х								
Paint/Coating				Х	Х								
(Colour Des													
(Colour Cod	de :)												

			Subst	ructure
Bridge Component			Now	Explanation of Condition
Pier Stability		X	X	
Scour		Х	Х	
Debris (Y/N) No				
Substructure General Rating		6	5	
		5	Structu	re Usage
			Now	
Grade Separation			_	
Road Alignment		X	X	
Traffic Safety Features		X	Х	
Туре	NONE			
Slope Protection		7	N	Snow covered.
(Type:)				
Bank Stability		7	N	
Drainage		6	6	
Grade Separation General Rating		7	6	

					Mainte	enance Re	ecommend	lations						
Inspector Recommendations	Ye	ear	Inspecto	r Comme	ents			Department C	ommer	nts		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/EROSIG	NC													
PLACE ADDITIONAL RIP RAP														
REMOVE DRIFT ACCUMULATION														
INSTALL STRUTS														
OTHER ACTION	20)13	Replace	4 T.T gua	ardrail po	osts.								
OTHER ACTION														
OTHER ACTION														
OTHER ACTION														
OTHER ACTION														
Structural Condition Rating (Last/No. (%)	ow) 66	5.7/61.	1	Sufficie (%)	ncy Rati	ing (Last/	Now)	60.3/56.2	Es	t. Repl. Yr	2020	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection	·							Department Comments			•			
Maintenance Reviewed By								Date			1	Estimated Tota	I 0	
Proposed Long-Term Strategy														
On 3-Year Program (Y/N)														
Proposed Action														
Previous Inspector's Name Garry		Garry Roberts Pre-						Assistant's Nam						
Next Inspection Date 09-M		09-May-2016 Pre						Inspection Date						
Inspection Cycle (Default) (months) 39														
Comment														