Bridge Inspection & Maintenance System (Web 2005)

						:	Bridge li	nspe	ction						
Bridge File Number 70774 -1 Bridge									m Type	9		PT TT			
Year Built/Year		1928/192						Lot				1			
Supstr								Insp	nspector Name Jason Saly						
Bridge or Town								Insp	Inspector Class BR CLS A						
Located Over		ROSEBUD RIVER, 3.33, WATER					S-ST		istant I						
Located On		10X:02 C1 1.206						Ass	Assistant Class						
Water Body Cl./								Inst	Inspection Date 06-Mar-2013						
Navigabil. Cl./Ye	ear								Data Entry By Marcia Chavez						
Legal Land Loca	ation	NW SEC	18 TWP	28 RGE	19 W4N	1			Data Entry By Marcia Chavez Data Entry Date 27-Mar-2013						
Longitude, Latitu	ıde	-112:40:0	01, 51:23	42					viewer Name John O'Brien						
Road Authority		Alberta T	ransporta	ation (Al	T)			Reviewer Name Jonn O Brien Review Date 21-Mar-2013							
Contract Main. A	Area	CMA21						Dept. Reviewer Name				,			
Clear Roadway/	Clear Roadway/Skew 4.9 /							Dept. Review Date				2			
AADT/Year 580 / 2011 (A)								Follow-Up By			28-Mar-2013				
Road Classificat									ow-op	Ъy					
Detour Length (km) 15															
Allowable Load (t): Single H 26 FLOOR BEAM Semi					Semi		S 39 2L3			Train	CS L2	3 52 L3		> On Critic >Critical M	al Spans ember
Design Loading:		HS1	5											> Primary	Span
						Pc	osting I	nforn	nation						
Required Load Posting (t) Single						27		Semi	Semi		39	Truck Train		52	
Posted Loading (t) Single					24.0		Semi			34.0	Truck Train		40.0		
Posted:	Lane					′/N) No			In Adv	ance (Y	′/N)	No	At Bridge (Y/N)		Yes
Posted:	Lane					Y/N) Yes			In Advance (Y/N)		No	At Bridge (Y/N)		Yes	
Remarks (Bridge #7) Posting is dictated by BF 70					/ BF 705 [/]	14.								-	
Hazard Marker A	At Bridg	ge (Y/N)	Yes												
Remarks															
Other Sign Type	S		Stop if o	ncomin	g traffic o	on b	oridae, c	urve	35 km/	hr, Rail	way	crossing.			
			·		0		ilities (I				ý	0			
Utility Attachmer	nts						ì								
Telephone	12.0m	South.							\$	1	1.0m	n West.			
Power	3 wire	crosses	oad 25m	South.					nicipal						
Others									Problem (Y/N) No						
Remarks															
							Approa	ich R	oad						
					La	ast	Now	Exp	lanati	on of Co	ondi	tion			
Horizontal Aligni	ment					4	4	Explanation of Condition Road at N. end makes right angle to cross railway track. Curves to 2 Limited sight distance with reduced speed limit 35km/hr in N/B & S/						. Curves to S	
Vertical Alignme	nt					7	7		ited sig ctions.		nce	with reduced	speed	1 limit 35km/hr	in N/B & S/B
Roadway Width	(m)		7.000						5.010.						
Approach Bump						5	5								
Guardrail (Y/N)			Yes					Inco	orrect la	ap on ex	kiting	ends.			
Guardrail						4	4								
Length (m)			15.600							1 m /		- 0 1 11			
Current Stand	ard (Y/	N)	No					Insu Not	Ifficien	τ post/sp Beam: n	oacin	g & length. tached to brid	lae.		
Termination T	уре		Turn Do	wn									<u> </u>		
Drainage						4	4	Ero	sion in	SE ditc	h 0.9	x 2.0 x 12M.			
Approach Road	d Gene	ral Ratin	9			4	4								

Now 5.0 0.0 0.0 0.0 Wearing Surface/Deck Top 8 7 (Material Type : EKKI WOOD) (Plank Thickness(mm) : 60) (Plank Width(mm) : 190) Deck Rideability 8 8 Deck Joints X X Temperature (deg. C) -12 -12 (Expansion Type :) -12						Supers	tructure
Special FeaturesXSpecial FeatureIX(Type :)IIX(Type :)IIIN (%)1 (%)2 (%)3 (%)Last000Now5.00.00.0Vearing Surface/Deck Top Etail Rating:I(Matenial Type : EKKI WOOD/0.0I(Matenial Type : EKKI WOOD/II(Plank Khicknes/mm) : 60XXDeck RideabilityIXRenperature (deg. C)-12I(Expansion Type :)II(Expansion Type :)Gap LocationCurb Type : Standard8(Curb Type : Standard)8(Type : Standard)I(Tip e: KK WOOD)I(Tip e: GLVANIZED STELE FLEK BEAM)Stade Rall Posts/Blocking: I(Type : GLVANIZED STELE, GALVANIZED VStade Rall Posts/Blocking: I(Type: GLVANIZED Stele Statice I)Stade Rall Posts/Blocking: I(Type: GLVANIZED Stele I)Stade Rall Posts/Blocking: I(Type: GLVANIZED Stele I)Stade Rall Posts/Blocking: IStade Rall Posts/Block	Bridge Com	ponent			Last	Now	Explanation of Condition
Special Feature X (Type :) X Special Feature X (Type :) X Nearing Surface/Deck Top Detail Ratings X N (%) 1 (%) 2 (%) 3 (%) Last 0 0 0 Now 5.0 0.0 0.0 Snow/dirt covered. Wearing Surface/Deck Top 8 7 (Plank Thickness(mn) : 60) (Plank Thickness(mn) : 60) (Plank Thickness(mn) : 60) (Plank Thickness(mn) : 60)	(Primary Spa	in : PT, 2 Spa i	ns, Lengths	(m): 6.1-24.4, A	-Ident	Numbe	er: A0034-26)
(Type :) Special Feature X (Type :) X Wearing Surface/Deck Top Detail Ratings Smow/dirt covered. N %%) 1 (%) 2 (%) 3 (%) Ast 0 0 0 Wearing Surface/Deck Top Detail Ratings Snow/dirt covered. Wearing Surface/Deck Top Top 8 7 (Material Type : EKKI WOOD) (Plank Thickness(mm) : 60) Snow/dirt covered. (Plank Thickness(mm) : 60) V X X (Plank Thickness(mm) : 60) V X X Cek Rideability 8 8 S Deck Joints X X X Temperature (deg. C) -12 V (Expansion Type :) Gap Size (mm) Gap Location Gap Size (mm) Gap Location S Curbs/Wheel Guards 8 6 (Type : Standard) V V (Type : GALVANIZED STEEL FLEX BEAM) S Double layer. Ridge Rail Posts/Blocking 7 7 Torp : GALVANIZED POST STEEL;GALVANIZED POST 5 5 Stridge	Special Feat	ures					
Special Feature X (Type :) V Waring Surface/Deck Top Detal Ratings Sourd Cop Detal Ratings Ast 0 0 0 Vaw 5.0 0.0 0.0 0 Waring Surface/Deck Top 0 0 0 Waring Surface/Deck Top 0 0 0 Waterial Type : EKKI WOOD 8 7 (Plank Thickness(mm) : 60) V X (Plank Kideability X X Temperature (deg. C) 12 X (Expansion Type :) V X (Expansion Type :) Gap Location X Curbs/Wheel Guards S 6 Curbs/Wheel Guards 8 6 (Curb Type : Standard) V X (Type : GALVANIZED STEL FLE SEAU 4 5 Ridge Rail Posts Coating 7 7 String Rail Robust Coating 7 7 String Rail Posts Coating 7 7 String Rail Robust Coating 7 7 String Rail Robust Coating 7 7	Special Feat	ure				X	
(Type :) Versing Surface/Deck Top Detail Ratings Image: Surface/Deck Top Detail Ratings N (%) 1 (%) 2 (%) 3 (%) ast 0 0 0 Now 5.0 0.0 0.0 Wearing Surface/Deck Top 8 7 (Material Type : EKK WOOD) (Plank Klith(mm) : 190) (Plank Klith(mm) : 190) Deck Rideability 8 8 Deck Joints X X Temperature (deg. C) -12 (Expansion Type :) (Fixed Type :) Gap Size (mm) Gap Location Surface/Real 8 6 (Curb Type : Standard) (Type : EKK WOOD) (Type : GALVANIZED STEEL FLEX BEAM) 4 5 Bridge Rail 4 5 Mides Rail Posts/Blocking 7 7 Torpe : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GA	(Туре :)						
Nering Surface/Deck Top Detail RatingsIII<	Special Feat	ure				X	
N % 1 % 2 % 3 % Ast Ast O <	(Type :)						
Last 0	Wearing Surf	ace/Deck Top	Detail Ratin	gs			
Now 5.0 0.0 0.0 0.0 Wearing Surface/Deck Top 8 7 (Material Type : EKKI WOOD) (Plank Thickness(mm) : 60) (Plank Width(mm) : 190) Deck Rideability 8 8 Deck Joints X X Temperature (deg. C) -12 X (Expansion Type :) -12		N (%)	1 (%)	2 (%)	3 (%)		_
Now 5.0 0.0 0.0 Wearing Surface/Deck Top 8 7 (Material Type : EKKI WOOD) (Plank Thickness(mm) : 60) (Plank Midth(mm) : 190) Deck Rideability 8 8 8 Deck Rideability 8 8 8 Deck Joints X X Temperature (deg. C) -12 (Expansion Type :) -12	Last	ast 0 0 0		0		Snow/dirt covered.	
(Material Type : EKKI WOOD) (Plank Thickness(mm) : 60) (Plank Width(mm) : 190) Deck Rideability 8 8 Deck Joints X X Temperature (deg. C) -12 -12 (Expansion Type :) -12	Now	5.0	0.0	0.0	<u> </u>).0	
(Plank Thickness(mm) : 60) Image: Standard) (Plank Width(mm) : 190) 8 8 Deck Rideability 8 8 Deck Joints X X Temperature (deg. C) -12 Image: Standard) (Expansion Type :) Gap Location Image: Standard) (Fixed Type :) Gap Location Image: Standard) (Curbs/Wheel Guards 8 6 (Curb Type : Standard) Standard) Image: Standard) (Type : Standard) Image: Standard) Image: Standard) (Type : EKKI WOOD) Image: Standard) Image: Standard) (Type : GALVANIZED STEEL FLEX BEAM) Image: Standard) Image: Standard) Stridge Rail 4 5 (Type : GALVANIZED POST STEEL;GALVANIZED POST STE	Wearing Sur	ace/Deck Top	1		8	7	
(Plank Width(mm) : 190) 8 8 Deck Rideability 8 8 Deck Joints X X Temperature (deg. C) -12 -12 (Expansion Type :) (Expansion Type :) (Fixed Type :) Gap Size (mm) Gap Location	(Material T	ype : EKKI W	DOD)				
Deck Rideability 8 8 Deck Joints X X Temperature (deg. C) -12 (Expansion Type :) -12 (Expansion Type :)	(Plank Thic	kness(mm) : (50)				
Deck Joints X X X Temperature (deg. C) -12	(Plank Wid	th(mm) : 190)					
Temperature (deg. C) -12 (Expansion Type :) ((Expansion Type :) (Fixed Type :) (Gap Location Gap Size (mm) Gap Location Curbs/Wheel Guards 8 6 (Curb Type : Standard) (Type : Standard) (Type : EKKI WOOD) (Thickness(mm) : 150) (Midth(mm) : 245) 4 5 Bridge Rail 4 5 Grage Rail Posts/Blocking 7 7 Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED FOST 5 Bridge Rail/Posts Coating 5 5 (Type : GALVANIZED) 5 5	Deck Rideab	ility			8	8	
(Expansion Type :) (Fixed Type :) Gap Size (mm) Gap Location Gap Size (mm) Gap Location Curbs/Wheel Guards 8 6 (Curb Type : Standard) (Type : Standard) (Type : EKKI WOOD) (Thickness(mm) : 150) (Midth(mm) : 245) 0 Bridge Rail 4 5 (Type : GALVANIZED STEEL FLEX BEAM) 0 Bridge Rail Posts/Blocking 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) 5 5 Bridge Rail/Posts Coating 5 5 (Type : GALVANIZED) 5 5	Deck Joints				X	Х	
(Fixed Type :) Gap Size (mm) Gap Location Curbs/Wheel Guards 8 6 (Curb Type : Standard) Crack in E wheel guard near midspan. (Type : EKKI WOOD) (Thickness(mm) : 150) Crack in E wheel guard near midspan. (Width(mm) : 245) Bridge Rail 4 5 Bridge Rail 4 5 Double layer. (Type : GALVANIZED STEEL FLEX BEAM) File Sign 2 splice bolts on E. side. 29Sep2011) - Could not find missing splice bolts; no evidence of new bolts. Bridge Rail/Posts Coating 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED HSS blocking painted green.	Temperatu	re (deg. C)	-12				
Gap Size (mm) Gap Location Curbs/Wheel Guards 8 6 (Curb Type : Standard) Crack in E wheel guard near midspan. (Type : Standard) Crack in E wheel guard near midspan. (Type : EKKI WOOD) Crack in E wheel guard near midspan. (Midth(mm) : 245) Double layer. Bridge Rail 4 5 (Type : GALVANIZED STEEL FLEX BEAM) Double layer. Bridge Rail Posts/Blocking 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST 5 Bridge Rail/Posts Coating 5 5 (Type : GALVANIZED) 5 5	(Expansion	Type :)					
Curbs/Wheel Guards 8 6 (Curb Type : Standard) (Type : Standard) (Width(mm) : 245) Bridge Rail 4 5 (Type : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts/Blocking 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST HSS blocking painted green. HSS blocking painted green.	(Fixed Type	e:)					
(Curb Type : Standard) Image: Crack in E wheel guard near midspan. (Type : EKKI WOOD) Image: Crack in E wheel guard near midspan. (Thickness(mm) : 150) Image: Crack in E wheel guard near midspan. (Width(mm) : 245) Image: Crack in E wheel guard near midspan. Bridge Rail 4 5 (Type : GALVANIZED STEEL FLEX BEAM) Image: Crack in E wheel guard near midspan. Bridge Rail Posts/Blocking 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST Double layer. Bridge Rail/Posts Coating 5 5 Bridge Rail/Posts Coating 5 5 (Type : GALVANIZED) Filter Standard Green.	Gap Size (i	mm)	Gap	Location			
(Curb Type : Standard) Image: Crack in E wheel guard near midspan. (Type : EKKI WOOD) Image: Crack in E wheel guard near midspan. (Thickness(mm) : 150) Image: Crack in E wheel guard near midspan. (Width(mm) : 245) Image: Crack in E wheel guard near midspan. Bridge Rail 4 5 (Type : GALVANIZED STEEL FLEX BEAM) Image: Crack in E wheel guard near midspan. Bridge Rail Posts/Blocking 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST Double layer. Bridge Rail/Posts Coating 5 5 Bridge Rail/Posts Coating 5 5 (Type : GALVANIZED) Filter Standard Green.							
(Curb Type : Standard) Image: Crack in E wheel guard near midspan. (Type : EKKI WOOD) Image: Crack in E wheel guard near midspan. (Thickness(mm) : 150) Image: Crack in E wheel guard near midspan. (Width(mm) : 245) Image: Crack in E wheel guard near midspan. Bridge Rail 4 5 (Type : GALVANIZED STEEL FLEX BEAM) Image: Crack in E wheel guard near midspan. Bridge Rail Posts/Blocking 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST Double layer. Bridge Rail/Posts Coating 5 5 Bridge Rail/Posts Coating 5 5 (Type : GALVANIZED) Filter Standard Green.							
(Curb Type : Standard) (Type : EKKI WOOD) (Thickness(mm) : 150) (Width(mm) : 245) Bridge Rail 4 5 (Type : GALVANIZED STEEL FLEX BEAM) (Missing 2 splice bolts on E. side. 29Sep2011) - Could not find missing splice bolts; no evidence of new bolts. Bridge Rail Posts/Blocking 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GAL	Curbs/Wheel	Guards			8	6	WG notched at batter posts.
(Thickness(mm) : 150) (Width(mm) : 245) Bridge Rail 4 5 Bridge Rail 4 5 Ouble layer. (Missing 2 splice bolts on E. side. 29Sep2011) - Could not find missing splice bolts; no evidence of new bolts. Bridge Rail Posts/Blocking 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED FOST STEEL FOR S	(Curb Type	: Standard)					Crack in E wheel guard near midspan.
(Width(mm): 245) Bridge Rail 4 5 (Type : GALVANIZED STEEL FLEX BEAM) Double layer. (Missing 2 splice bolts on E. side. 29Sep2011) - Could not find missing splice bolts; no evidence of new bolts. Bridge Rail Posts/Blocking 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL; STEEL) 5 5 Bridge Rail/Posts Coating 5 5 (Type : GALVANIZED) 5 5	(Type : EK	KI WOOD)					
Bridge Rail 4 5 Double layer. (Missing 2 splice bolts on E. side. 29Sep2011) - Could not find missing splice bolts; no evidence of new bolts. Bridge Rail Posts/Blocking 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) 7 5 Bridge Rail/Posts Coating (Type : GALVANIZED) 5 5	(Thickness	(mm) : 150)					
(Type : GALVANIZED STEEL FLEX BEAM) (Missing 2 splice bolts on E. side. 29Sep2011) - Could not find missing splice bolts; no evidence of new bolts. Bridge Rail Posts/Blocking 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Findge Rail/Posts Coating 5 5 Bridge Rail/Posts Coating 5 5 HSS blocking painted green.	(Width(mm) : 245)					
(Type : GALVANIZED STEEL FLEX BEAM) missing splice bolts; no evidence of new bolts. Bridge Rail Posts/Blocking 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) HSS blocking painted green. Bridge Rail/Posts Coating 5 5 (Type : GALVANIZED) For the second s	Bridge Rail				4	5	Double layer.
Bridge Rail Posts/Blocking 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Formation of the state of the st	(Type : GA	LVANIZED S	TEEL FLEX	BEAM)			(Missing 2 splice bolts on E. side. 29Sep2011) - Could not find
STÉEL) Bridge Rail/Posts Coating 5 (Type : GALVANIZED)	Bridge Rail P	osts/Blocking			7	7	
Bridge Rail/Posts Coating 5 5 (Type : GALVANIZED) 5	(Type : GA STEEL)	LVANIZED PO		GALVANIZED	POST		
(Type : GALVANIZED)		osts Coating			5	5	HSS blocking painted green.
							1
		, , , , , , , , , , , , , , , , , , , ,			X	Х	

					Supers	tructure
Bridge Comp	oonent			Last		Explanation of Condition
(Primary Spa	n : PT, 2 Spa	ns, Lengths(m): 6.1-24.4, A	-Ident	Numbe	er: A0034-26)
Wide Load Da	amage (Y/N)	No				5 members have minor bends or dents (see UT 2011 report).
Top Chord				6	6	
Batter Posts				7	7	
Diagonals				6	6	
Verticals				4	4	Connections have pack rust btwn 2 lower gusset plates causing them
Connections				4	4	to bulge.
Floor Beams				6	6	
Bottom Chord	ł			6	6	
Lateral Bracin	ngs			6	6	Total of 13 steel stringers/bay.
(No. of String	-					8 stringers are 110mm x 230mm. 5 new stringers are 100 x 200 between 110 x 230 stringer @ 360.
Stringer Detai	· · · · · · · · · · · · · · · · · · ·					
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last						
Now						
Stringers				3	3	Original stringers have possible section loss on top flange. Heavy corrosion with possible loss of section at top flanges.
(Type : STE	EL)					
(Width(mm)	: 110)					For details see 2011 UT report.
(Depth(mm)) : 230)					
(Spacing(m						
Paint Conditio				3	3	Paint rusting in splash zone. Heavy corrosion at floor system.
	scription : GR	EEN)				· · ··································
(Colour Cod						
· · · · · · · · · · · · · · · · · · ·	equired (Y/N)	Yes				
Bearings				5	5	Corrosion has distorted clip angles.
Temperatur	e (deg. C)	-12				
	Type : SLIDI					- A1 P1
	: PINNED B	· · · · · · · · · · · · · · · · · · ·				
Functioning		No				
Sub Deck/De				8	7	
	/pe : TREATE			0	,	
	kness(mm) : '	· · · · · · · · · · · · · · · · · · ·				-
· · · · · · · · · · · · · · · · · · ·	h(mm) : 300)					
Defects (Pe		0				
Span Alignm						
Vertical (Y/I		No				
Horizontal (No				
Superstructu				3	3	
		(ating		3	3	
					Supers	tructure
Bridge Comp	onent			Last	Now	Explanation of Condition
(Secondary S	pan : TT)					
Special Feat	ures					
Special Featu	ire				X	
(Type :)						
Special Featu	ire				Х	
(Type :)						
Wearing Surfa	ace/Deck Top	Detail Rating	IS			
	N (%)	1 (%)	2 (%)	3 (%)		
Last	0	0	0		0	
Now	0.0	0.0	0.0	0).0	

						structure			
Bridge Comp				Last	Now	Explanation of Condition			
(Secondary S	•				_				
Wearing Surf	ace/Deck Top)		8	7	_			
(Material Ty	/pe : EKKI W(OOD)				_			
(Plank Thic	kness(mm) : 6	6 0)				_			
(Plank Widt	h(mm) : 190)				_				
Deck Rideabi	lity			8	8				
Wheel Guard	s			7	7				
(Curb Type	: Standard)								
(Type : EKł	KI WOOD)								
(Thickness((mm) : 150)								
(Width(mm)	: 245)								
Bridge Rail				5	5	2 layer.			
(Type : GAI	LVANIZED S	TEEL FLEX B	EAM)						
Bridge Rail P	osts			5	5	Incorrect installation of posts/flat side.			
		ER;TREATED	TIMBER)						
Bridge Rail/P			/	6	5	-			
(Type : GAI									
(No. of String									
Stringer Deta						-			
othinger Deta	N (count)	1 (count)	2 (count)	3 (cou	int)	-			
Last	0	0	0		0	-			
					0				
Now 0 0 0		_	5						
Stringers 5 (Type : TREATED TIMBER)					5	Crack in S6 at pier but stringer in place.			
(Width(mm)						-			
(Depth(mm)						-			
(Spacing(m									
Sub Deck/De				8	7				
	/pe : TREATE	· · · · · · · · · · · · · · · · · · ·				-			
	kness(mm) : 1	100)				_			
	h(mm) : 300)					-			
Defects (Pe		0							
Span Alignm									
Vertical (Y/I		No				-			
Horizontal (Y/N)	No			_				
Superstructu	ure General F	Rating		5	5				
						ructure			
Bridge Comp	onent			Last	Now	Explanation of Condition			
Abutments		0.00							
	Backwall Piles	· · · · ·				-			
· · · ·		s Spacing(mm)	:)						
	er of Caps/Cor	· · · · · · · · · · · · · · · · · · ·				-			
Bearing Seats		Is Detail Rating	1			-			
	N (count)	1 (count)	2 (count)	3 (cou	unt)	-			
Last	0	0	0	-	0	-			
Now	0	0	0		0	-			
Bearing Seate	· · · · · · · · · · · · · · · · · · ·			8	8	(Caps & corbels recently replaced. 29Sep2011).			
	EATED TIMB	ER)				-			
(Depth(mm)) : 300)					_			
(Width(mm)	: 300)								

					Subst	ructure
Bridge Com	ponent			Last	Now	Explanation of Condition
Backwalls/Br	-			6	6	
Greatest H	eight (m)	2.60				
Wingwalls		6	6			
(Total Numbe	er of Bearing F	Piles : 8:5)				
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last	0	0	0		0	
Now	8	0	0		0	-
Piles				5	5	 Cracked piles banded & P5 gap shimmed.
Paint/Coating				X	X	Piles at S abut are not visible.
	-					
Abutment Sta	-			6	6	
Scour/Erosio	n			5	5	
Piers/Bents						
	R-COLUMN)					-
· · · · · · · · · · · · · · · · · · ·	er of Caps/Co	· · · · · · · · · · · · · · · · · · ·				-
Bearing Seat	s/Caps/Corbe					-
	N (count)	1 (count)	2 (count)	3 (count)		-
Last	0	0	0		0	-
Now 0 0 0		_	0	(Caps & corbels have been replaced. 29Sep2011).		
Bearing Seats/Caps/Corbels			8	8	-	
(Type : TR	EATED TIMB	ER)				_
(Depth(mm	i) : 300)					_
(Width(mm):300)					
(Total Numbe	er of Bearing F	Piles : 12)				2 rows of 6 piles plus a nose pile.
Piles Detail R	Ratings					_
	N (count)	1 (count)	2 (count)	3 (cou	unt)	_
Last	0	0	0		0	
Now	12	0	0		0	
Pier Shaft/Pil	es			6	N	Piles are sheathed in; visible from W end only.
Greatest H	eight (m)	4.10				
Bracing/Strut	s/Sheathing			6	6	
Nose Plate				6	6	
Paint/Coating	9			4	5	Minor rust at nose plate.
(Colour Dea (Colour Co	· · · · ·					-
Pier Stability	ue.)			6	6	
				_		
Scour				5	5	N hslp eroding behind pier; not a threat at time of inspection.
Debris (Y/N)		Yes				(Old piles exposed/left in streambed. Hook bolts and clip angles on S. headslope from subdeck change. 29Sep2011).
Substructur	e General Ra	ting		5	5	

			Structu	re Usage
		Last		Explanation of Condition
Channel				
(U/S Direction : W)				Meandering stream. On 15 degree skew to bridge.
(D/S Direction : E)				_
Alignment		5	5	
Bank Stability		5	5	
HWM (m below Top of Curb)	HWM (m below Top of Curb) 1.2			HWM Not visible. (Drift on pier cap 26-May-2011).
Drift (Y/N)	No			
Slope Protection		5	5	
(Type : NATURAL; NATURAL)			
Guidebank/Spurs		X	X	
Adequacy of Opening		5	5	
(Fish Compensation Measure 1	NONE)			
(Fish Compensation Measure 2	NONE)			
Channel General Rating		5	5	

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		Maintenance Recommendations	mendations				
Inspector Recommendations	Year	Inspector Comments	Department Comments	nents	Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL	2013	Connect bridgerails to approach rails. Reset TT posts on approach span/S1 only when flexbeam is replaced/repaired. Add splice bolt if still missing.	×				
RETROFIT BRIDGE RAIL							
PATCH DECK							
REPLACE STRIP DECK							
REPLACE SUB DECK							
RESET/ PAINT BEARINGS							
REPAINT SUPERSTRUCTURE	2013	Truss, bearings and floor system; treat pack rust while painting.	ack				
STRAIGHTEN/REPLACE MEMBERS	2013	Heat straighten U1L1E, U1L1W & U4L4E					
WASHING							
CORE TIMBER CAPS/CORBELS							
REPAIR/REPLACE TIMBER CAPS							
REPAIR ABUTMENT SCOUR/EROSION	NC						
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION	2013	If not yet done.					
OTHER ACTION	2013	Level 2 to determine extent of section loss stringers; replace if deficient or retrofit to protect flanges.	sat				
OTHER ACTION	2013	Repair ditch erosion.					
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	ow) 44.4/44.4	4.4 Sufficiency Rating (Last/Now) (%)	27.8/35.9	Est. Repl. Yr 2030	Maint. Reqd. (Y/N)		Yes
Special Comments for Next Inspection			Department Comments				
Maintenance Reviewed By			Date		Estimated Total	0	
Proposed Long-Term Strategy	2006.12.29 Tir maintenance b	2006.12.29 Timber substructure should be good for 10+ years. maintenance bridge good until 2025.	ears. Super good for 20+	Super good for 20+ years. Issue will be corrosion (joints). With normal	on (joints). With	normal	
On 3-Year Program (Y/N)							
Proposed Action							
Previous Inspector's Name	Wayne Cappellani		Previous Assistant's Name	Chris Black			
Next Inspection Date	06-Dec-2014	Pre	Previous Inspection Date	29-Sep-2011			
Inspection Cycle (Default) (months)	21						
Comment							

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				Maintenance Recommend	dations					
Inspector Recommendations		Year	Inspecto	or Comments	Department C	Comments	Tar	get Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL		2013	Reset T when fle	t bridgerails to approach rails. T posts on approach span/S1 only exbeam is replaced/repaired. ce bolt if still missing.	Defer until rep	placement	202	23		
RETROFIT BRIDGE RAIL										
PATCH DECK										
REPLACE STRIP DECK										
REPLACE SUB DECK										
RESET/ PAINT BEARINGS										
REPAINT SUPERSTRUCTURE		2013		earings and floor system; treat pack le painting.	Defer until rep	placement	202	23		
STRAIGHTEN/REPLACE MEMBERS	;	2013	Heat stra	aighten U1L1E, U1L1W & U4L4E.	Defer until rep Level II inspe	blacement based on 2011 ction.	202	23		
WASHING										
CORE TIMBER CAPS/CORBELS										
REPAIR/REPLACE TIMBER CAPS										
REPAIR ABUTMENT SCOUR/EROS	ION									
PLACE ADDITIONAL RIP RAP										
REMOVE DRIFT ACCUMULATION		2013	If not ye	t done.	Defer, low pri	ority				
OTHER ACTION		2013	Level 2 t stringers protect f	to determine extent of section loss at s; replace if deficient or retrofit to langes.	Defer until rep Level II inspe	blacement based on 2011 ction.	202	23		
OTHER ACTION		2013	Repair d	litch erosion.	Defer until rep	placement	202	23		
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/N (%)	low)	44.4/44.	4	Sufficiency Rating (Last/Now) (%)	27.8/35.9	Est. Repl. Yr 2030	C	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection					Department Comments	Scheduled for replacemer	nt in 2023	3. DA		
Maintenance Reviewed By	Darron	Ahlsted	t		Date	30-Apr-2013	Estim	nated Tota	1 0	
Proposed Long-Term Strategy	2006.1 mainte	2.29 Tim nance br	iber subs idge goo	tructure should be good for 10+ years d until 2025.	s. Super good f	· · ·	orrosion	n (joints). V	Vith normal	
On 3-Year Program (Y/N)										

Proposed Action			
Previous Inspector's Name	Wayne Cappellani	Previous Assistant's Name	Chris Black
Next Inspection Date	06-Dec-2014	Previous Inspection Date	29-Sep-2011
Inspection Cycle (Default) (months)	21		
Comment			