						:	Bridge li	nspectio	on							
Bridge File Nur	Bridge File Number 75980 -1 Bridge							Form Type			PCS					
Year Built/Year 1983/1983									Lot No.			1				
Supstr Bridge or Town Name ENCHANT								Inspec	Inspector Name			Jason Rusu				
-	Name				TEDOD			Inspector Class			BR CLS A					
Located Over				ONC, VVP	TERCR	5-1	C	Assistant Name								
Located On	<u>N/</u>	25:04 C	1 18.545					Assistant Class								
Water Body Cl.								Inspection Date			09-Dec-2011					
Navigabil. Cl./Y				44 000	40 14/41	4		Data E	Data Entry By			Anne Roberts				
Legal Land Loc			C 11 TWP		19 00410	/I		Data E	Data Entry Date			17-Jan-2012				
Longitude, Lati			:25, 50:09 Transmont		F \			Reviewer Name			Garry Roberts					
Road Authority Contract Main.		CMA25	Transport	ation (AI	1)			Review	Review Date			26-Dec-201	1			
								Dept. I	Dept. Reviewer Name			Tim Davies				
Clear Roadway	Skew	10/	10 (A)					Dept. I	Revie	w Date		18-Jan-2012	2			
AADT/Year Road Classifica	otion	360 / 20 RAU-21						Follow	-Up E	Зу						
			1.0-110					-								
v	Detour Length (km) 3 Allowable Load (t): Single CS1 28 Sem					ni CS2 49			Train CS		CS	53 62		> On Critical Spans >Critical Member		
Design Loading	1:	MS	23								1			> Primary Span		
Doolgin Loading	j.		20			Pa	ostina li	nformation					2 I mary	Opan		
Required Load	Posting	(t)		Single					Semi				Truck Train			
Posted Loading				Single					Semi				Truck Train			
Posted:	Lane	NB		At Junction (Y/N)		1)	No	In	In Advance (Y/N)		′N)	No	At Bridge (Y/N)		No	
Posted:	Lane	SB		At Junction (Y/N)			No		In Advance (Y/N)			No	At Bridge (Y/N)		No	
Remarks						/	1				,					
Hazard Marker	At Bride	ae (Y/N)	Yes													
Remarks																
Other Sign Typ	es															
						Ut	ilities (I	Located	at)							
Utility Attachme	ents															
Telephone								Gas								
Power								Munici	pal							
Others								Problem (Y/N) No								
Remarks																
							Approa	ch Roa								
					La	ast	Now	Explanation of Condition								
Horizontal Aligr						7	7	School bus stop 250m no Grade rises to the south.			north.					
Vertical Alignm			_	6		6	6			sout						
Roadway Width	. ,		8.000													
Approach Bum	•		_			6	6									
Guardrail (Y/N)		Yes														
Guardrail					5	5	-									
Length (m)			11.000					-								
Current Stand		N)	No					Not Thriebeam								
Termination	Гуре		TURNE	D DOW	N											
Drainage						5	5									
Approach Road General Rating																

Superstructure												
Bridge Com	ponent			Last	Now	Explanation of Condition						
(Primary Spa	(Primary Span : SM, 4 Spans, Lengths(m): 10-10-10, A-Ident Number:)											
Special Feat	ures											
Special Featu	ure			X								
(Type :)												
Special Featu	ure				Х							
(Type :)												
	ace/Deck Top	Detail Rating	IS									
	N (%)	1 (%)	2 (%)	3 (%)								
Last	0	0	0	0								
Now	0.0	0.0	0.0	0	0.0							
Wearing Surf				4	8	New ACP wearing surface						
(Material Ty				·								
(Thickness						-						
`	ection Problem	n Yes				-						
(Y/N)	ection roblen	1 163										
Deck Top				N	N							
Deck Rideab	ility			5	8							
Deck Joints				5	8	Koch joints with new ACP wearing surface						
Bump (Y/N		No			1							
Deck Drainag	je			6	7	No deck drains.						
Drains Clog	gged (Y/N)	No										
Curbs/Media	n			6	6	Typical vertical cracks every 2.0 m.						
(Curb Type	: Standard)					_						
Scaling (Pe	ercent Area)	0										
Bridge Rail				7	7							
(Type : GA	LVANIZED ST	EEL BRIDG	E TUBE)									
Bridge Rail P	osts			7	7							
(Type : GA STEEL)	LVANIZED PC	DST STEEL;(GALVANIZED	POST								
Bridge Rail/P	osts Coating			7	7							
(Type : GA	LVANIZED)											
Sidewalk				Х	X							
Girder Detail	v											
	N (count)	1 (count)	2 (count)	3 (cou	int)	-						
Last	18	0	0		0	4						
Now	0	0	0		2							
Girders				N	3	Typical SM diagonal cracks over piers						
Last Complet	e Inspection D	Date 09-De	c-2011			of curbs. South span west girder with small spalls. Chip at SE of N. span. The SE curb unit has long crack down middle full length						
Cracking (Y	′/N)	Yes				hairline. NW curb has hole extending into void @ bottom of girder.						
Spalling (P	ercent Area)	1				see photo. S4, G1 North end. Staining @ S2G1 at pier - originating from strand.						
Lift or Connector Pocket Yes Grouted (Y/N)						Span 1 hairline longitudanal cracking, no stains. G9 North end hairline diagonal crack less 0.5m. Span 4 G1 diagonal hairline crac						
(Number Of (Girders : 36)											
Span Alignm	nent Problems	6										
Vertical (Y/	N)	No										
Horizontal	(Y/N)	No										
	ure General R	ating		4	3							

Alberta Transportation

					Subst	ructure
Bridge Com	ponent			Last	Now	Explanation of Condition
Abutments						
(Extended	Backwall Piles	s (Y/N) : N)			_	
(Extended	Backwall Piles	Spacing(mm):)			
(Total Numbe	er of Caps/Cor	bels : 1:1)				
Bearing Seat	s/Caps/Corbe	ls Detail Ratin	gs			-
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last	0	0	0		0	
Now	0	0	0		0	_
Bearing Seat	s/Caps/Corbe	ls		6	6	
(Type : CONCRETE)						-
(Depth(mm) : 550)					
(Width(mm)):640)					
Backwalls/Br	eastwalls			X	X	-
Greatest H	eight (m)	1.10				
Wingwalls				5	5	
·	(F)					
	er of Bearing F	'iles : 0:0)				Not visible due to fill
Piles Detail R			0 (1	0.1		-
	N (count)	1 (count)	2 (count)	3 (cou		-
Last	100	0	0	-	0	
Now	100	0	0	_	0	-
Piles				N	N	
Paint/Coating)			N	5	
Abutment Sta	ability			8	8	
Scour/Erosio	n			7	7	
Piers/Bents						
	R-COLUMN)					
	er of Caps/Cor	bolc : 1.1.1)				
	s/Caps/Corbel		<u></u>			-
Dealing Oeal	N (count)	1 (count)	2 (count)	3 (cou	int)	
Last			0		0	
Now	0	0	0		0	
	s/Caps/Corbe	1	0	6	5	
(Type : CO	•			0	5	
(Type : CO (Depth(mm	· · · · · · · · · · · · · · · · · · ·					
(Width(mm)						
	er of Bearing F	Piles · 6·6·6)				
Piles Detail R		103.0.0.0)				
nes Detail N	N (count)	1 (count)	2 (count)	3 (cou	int)	
Last			0		0	
Now	0	0	0	_	0	
	-	U	0	6	6	-
Pier Shaft/Piles Greatest Height (m) 4.00					0	
Bracing/Strut		4.00		X	X	
	Signearing			_		
Nose Plate				X	X	
Paint/Coating	-			4	4	Corrosion - original paint remaining
(Colour De	scription : GRI	EEN)				Paint failed and minor corrosion below SB
(Colour Co	de : 14090)					

Alberta Transportation

			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		8	8	
Scour		8	8	
Debris (Y/N)	No			
Substructure General Rating		6	5	
		s	Structu	re Usage
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment		8	8	
Bank Stability				
HWM (m below Top of Curb)	p of Curb) 2.3			(HWM 2.3) 27 - May - 2008
Drift (Y/N)	No			
Slope Protection		8	8	
(Type :)				
Guidebank/Spurs			X	
Adequacy of Opening		8	8	
(Fish Compensation Measure 1	NONE)			
(Fish Compensation Measure 2	NONE)			
Channel General Rating		8	8	

Maintenance Recommendations													
Inspector Recommendations		Year	Inspecto	or Comments		Department Co	ommer	nts		Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL													
SEAL CURBS													
PATCH DECK													
OVERLAY DECK													
STRAIGHTEN/REPLACE MEMBERS													
WASHING													
SHOTCRETE REPAIRS													
CORE TIMBER CAPS/CORBELS													
REPAIR/REPLACE TIMBER CAPS													
REPAIR ABUTMENT SCOUR/EROSIO	NC												
PLACE ADDITIONAL RIP RAP													
REMOVE DRIFT ACCUMULATION													
INSTALL STRUTS													
OTHER ACTION		2012	Patch ho	ole in girder. S4 0	G1 - See photo								
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
Structural Condition Rating (Last/No (%)	ow)	55.6/44.	4	Sufficiency Ra (%)	ting (Last/Now)	62.2/57.8	Es	st. Repl. Yr	2023	Maint. Re	qd. (Y/N)	Yes	
Special Comments for Next Inspection				Department Comments									
Maintenance Reviewed By						Date				Estimated Total	0		
Proposed Long-Term Strategy													
On 3-Year Program (Y/N)													
Proposed Action													
Previous Inspector's Name Jasor		Rusu			ous Assistant's Name								
Next Inspection Date	09-Sep-	-2013			Previou	vious Inspection Date 06-Jun-2010							
Inspection Cycle (Default) (months) 21													
Comment													