							=	Bridge lı	nspec	tion							
Bridge File Number 01385 -1 Bridge								Form	Туре			PCS					
Year Built/Year		1958	3/195	8					Lot N	lo.			1				
Supstr	\	DOV	VDE						Inspe	ector N	lame		Owen Salav	a			
Bridge or Town I	name	_			20.2.14/4	TEDOL	20.0	·T	Inspe	ector C	lass		BR CLS A				
Located Over				EEK, 3.8 1 29.922	39.3, VVA	HERCE	13-3)	Assis	Assistant Name							
Water Body Cl./	Voor	567.	02 C	1 29.922					Assis	stant C	lass						
Navigabil. Cl./Ye									Inspe	Inspection Date 25-Oct-2011							
Legal Land Loca		SW	SEC	28 TWP	24 BCE	2 \\/5\/			Data	Entry	Ву		Marcia Chav	vez			
Legal Land Loca		1				Z VVOIVI	l		Data	Entry	Date		23-Nov-201	1			
Road Authority	iue	_		3, 51:56: ansporta		Γ\			Revie	ewer N	lame		John O'Brie	n			
Contract Main. A	\roo	CMA		ansporta	illori (Ari	')				ew Dat			11-Nov-201				
													Andrew Sm	ikles			
AADT/Year	Clear Roadway/Skew 9.1 /								. Revie		:e	24-Nov-201	1				
	, , , , , , , , , , , , , , , , , , , ,							Follo	Follow-Up By								
Road Classification RCU-209-110 Detour Length (km) 6																	
Allowable Load (ingle CS1 28 Semi				Somi		S2 49			Train		33 62		> On Critic	cal Spans	
/ IIIOWabic Load ((1).	GIRDER Sem			Semi		RDER			IIaiii		RDER		>Critical N	Member		
Design Loading:	: HS20											> Primary Span					
						Po	sting l	nform	ation								
Required Load Posting (t) Single								5	Semi				Truc	k Train			
Posted Loading	(t)	Single						5	Semi	mi			Truc	k Train			
Posted:	Lane	EB At Junction (tion (Y/ľ	N)	No	1	n Adva	ance (`	Y/N)	No At Bridge (Y/N)		No			
Posted:	Lane	WB At Junction (tion (Y/ľ	N)	No	I	n Adva	ance (`	Y/N)	No At Bridge (Y/N) No		No			
Remarks Not required.																	
Hazard Marker At Bridge (Y/N) No																	
Remarks Not required.																	
Other Sign Types 65km/h. Bump WBL 8					VBL & E												
							Ut	ilities (L	Locate	ed at)							
Utility Attachments																	
Telephone	·							Gas									
Power	North diago	n of c/I & East. Power line crosses				osses ro	oad		Muni								
Others	alago	nany.	nally.						Probl	lem (Y	/N) I	Vo					
Remarks																	
								Approa	ich Ro	ad							
						L	.ast	Now			n of C	ondi	ndition				
Horizontal Alignr	ment						7	7	Farm entrance near bridge @ NE corner.								
Vertical Alignme	nt						7	7									
Roadway Width	(m)			9.000													
Approach Bump							6	6	Bump both abuts.								
Guardrail (Y/N)				Yes													
Guardrail							7	7	NE - type IV radius 26.6m; SE - 30.4m; NW - 30.4m; SW - 60.8m.						W - 60.8m		
Length (m)				26.600						• .			,	, 14	50, 0	50.0	
Current Standa	ard (Y/	/N)		No					Insuf	ficient	iength						
Termination Ty	/pe			TURNE ENDS	D DOWI	١											
Drainage							7	7									
Approach Road	l Gene	eral R	ating	ı			7	7									

					9	Supers	structure
Bridge Comp	onent					Now	Explanation of Condition
	n : PG, 2 Spa i	ns. Le	naths(n	n): 6.1-6.1. A			•
Special Feat		-, -	<u> </u>	, ,			
Special Feature						Х	
(Type:)	·						
Special Featu	ıre					Х	
(Type:)							
	ace/Deck Top	Detail	Ratings	<u> </u>			
Wearing Earn	N (%)	1 (%)		2 (%)	3 (%)		
Last	10	1 (70)	0	0		0	-
Now	0.0		0.0	0.0		.0	
Wearing Surf		,	J.0	0.0	6	6	ACP near 300mm thick on centreline, 100-200mm at curbs.
					0	0	ACF flear Southin trick on centreline, 100-200mm at curbs.
(Material Type : ACP)							-
(Thickness(mm) : 50) Lateral Connection Problem No							_
(Y/N) Deck Top						N	
Deal Division	Tie.				-	-	
Deck Rideability					7	7	
Deck Joints					N	N	Asphalt, paved over.
Bump (Y/N) No						1	
Deck Drainage					7	7	-
Drains Clogged (Y/N) No							
Curbs/Median					N	6	Lift pockets not completely filled.
(Curb Type : Standard)							
Scaling (Percent Area) 0							
Bridge Rail					6	6	Double layer.
(Type : FLEX BEAM)							
Bridge Rail Posts					6	6	
(Type : POST STEEL;POST STEEL)							
Bridge Rail/Posts Coating					6	6	
(Type : PAI	NT)						
Sidewalk					X	Х	
Girder Detail	Ratings						
	N (count)	1 (co	unt)	2 (count)	3 (cou	ınt)	
Last	0		0	0		0	
Now	0		0	0		0	
Girders					4	4	Rebar showing longitudinal cracks rebar loss section in end 1/4's S2
	e Inspection D	Date	25-Oct-	2011			G1. 1 transverse crack to bottom of legs with staining exposed rebar S2 G1.
Last Complete Inspection Date 25-Oct-2011 Cracking (Y/N) Yes							Wide longit. cracks in AZ, S2G1-2,5.
Spalling (Percent Area) 5							S2G1 spall nearly full length, curb + 1 (photo).
Lift or Connection Grouted (Y/N	ctor Pocket		Yes				
(Number Of C							1
	ent Problems	s					
Vertical (Y/I			No				
Horizontal (No				1
	ure General R				4	4	

					Subst	ructure					
Bridge Com	ponent			Last	Now						
Abutments											
(Extended	Backwall Piles	s (Y/N) : Y)									
(Extended	Backwall Piles	Spacing(mm) : 2100)								
(Total Number	er of Caps/Co	rbels : 3:3)				West abutment cap not in line with subcap due to backwall pressure bowing piles - photo.					
Bearing Seat	ts/Caps/Corbe	ls Detail Ratin	gs								
	N (count)	1 (count)	2 (count)	3 (cou	ınt)						
Last	0	0	0		0						
Now	0	0	0		0						
Bearing Seat	ts/Caps/Corbe	ls		7	7						
(Type : ST I	EEL)										
(Depth(mm	n): 300)										
(Width(mm): 300)										
Backwalls/Br	reastwalls			4	4	Backwall sheating 75mm x 300mm. Front sheathing installed.					
Greatest H	eight (m)	2.50				Some gaps.					
Wingwalls				3	3	SE wingwall in disrepair / buried, pile rotten - photo.					
(Total Number	er of Bearing F	Piles : 9:8)			A2 1 pile cracked, contained by capital.						
Piles Detail Ratings											
	N (count)	1 (count)	2 (count)	3 (cou	ınt)						
Last	0	0	0		0						
Now	0	0	0		0						
Piles				5	5	_					
Paint/Coating X					4	Unpainted caps & capitals with surface rust.					
Abutment Stability					4	West abutment pressure pushing piles toward stream.					
Scour/Erosion 6					6						
Piers/Bents											
	R-COLUMN)					Stiffeners not centered over piles.					
	er of Caps/Co	rbels : 3)									
	ts/Caps/Corbe		as								
	N (count)	1 (count)	2 (count)	3 (cou	ınt)						
Last 0 0 0					0						
Now	0	0	0		0						
	ts/Caps/Corbe	ls		6	6	1					
(Type : ST I	•										
(Depth(mm	·										
(Width(mm											
	er of Bearing F	Piles : 8)				Wide cracks/checks to piles 1, 3-6 (photos).					
Piles Detail F											
	N (count)	1 (count)	2 (count)	3 (cou	ınt)						
Last	0	0	0		5						
Now	0	0	0		5						
Pier Shaft/Pi				3	3	1					
Greatest H		2.60									
Bracing/Strut				4	4	2 split brace planks.					
Nose Plate				X	X						
Paint/Coating	g			X	X						
(Colour De											
(Colour Co	de :)										
-	•										

				ructure
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		5	5	All piles appear to be leaning South.
Scour		5	5	
Debris (Y/N) No				
Substructure General Rating		3	3	
		5	Structu	re Usage
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : S)				
(D/S Direction : N)				
Alignment			5	
Bank Stability			6	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No		_	
Slope Protection		6	6	
(Type: RIP RAP; RIP RAP)				
Guidebank/Spurs			X	
Adequacy of Opening		6	6	
(Fish Compensation Measure 1	: NONE)			
(Fish Compensation Measure 2	2 : NONE)			
Channel General Rating		5	5	

Alberta Transportation

	-	Maintenance	Maintenance Recommendations	tions		-			
Inspector Recommendations	Year	Inspector Comments		Department Comments	ments	_	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/EROSION	NO								
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION									
INSTALL STRUTS									
OTHER ACTION	2012	Install new pile at SE wingwall.							
OTHER ACTION	2012	Sleeve cracked pier	P3-6).						
OTHER ACTION	2012								
OTHER ACTION	2012	Mill ACP excessive depth from wearing surface.	vearing						
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
Structural Condition Rating (Last/Now) (%)	38.9/38.9 (wc	38.9 Sufficiency Rating (Last/Now) (%)		56.9/56.3	Est. Repl. Yr	2015	Maint. Reqd. (Y/N)		Yes
Special ERL 8-10yrs if pier piles are repaired. Comments for Check cracking on girders & beaver problems. Next Inspection	oiles are repai girders & beav	ired. /er problems.		Department Comments					
Maintenance Reviewed By				Date		Est	Estimated Total	0	
Proposed Long-Term Strategy	2004.05.29 E	2004.05.29 Bridge has steel caps. Monitor precast on normal BIM. Bridge should be good until 2016.	st on normal BIN	1. Bridge should b	e good until 2016.				
On 3-Year Program (Y/N)									
Proposed Action									
Previous Inspector's Name	Owen Salava		Previous A	Previous Assistant's Name					
Next Inspection Date	25-Jan-2015		Previous Ir	Previous Inspection Date	07-Dec-2010				
Inspection Cycle (Default) (months)	39								

Alberta Transportation

Comment

				Maintenance Recomm	endations						
Inspector Recommendations		Year	Inspecto	r Comments	Department	Comm	nents		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL											
SEAL CURBS											
PATCH DECK											
OVERLAY DECK											
STRAIGHTEN/REPLACE MEMBER	RS										
WASHING											
SHOTCRETE REPAIRS											
CORE TIMBER CAPS/CORBELS											
REPAIR/REPLACE TIMBER CAPS											
REPAIR ABUTMENT SCOUR/ERO	SION										
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
INSTALL STRUTS											
OTHER ACTION		2012	Install ne	ew pile at SE wingwall.	Defer until re	eplace	ment		2017		
OTHER ACTION		2012	Sleeve c	racked pier piles (P1 & P3-6).	Defer until re	eplace	ment		2017		
OTHER ACTION		2012	Replace	bracing on pier (2).	Defer until re	Defer until replacement					
OTHER ACTION		2012	Mill ACP surface.	excessive depth from wearing	Defer until re	Defer until replacement			2017		
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last (%)	/Now)	38.9/38.	9	Sufficiency Rating (Last/Now) (%)	56.9/56.3	ı	Est. Repl. Yr	2015	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection ERL 8-10yrs if pie	Special ERL 8-10yrs if pier piles are repaired. Comments for Check cracking on girders & beaver problems.					Programmed in PMA for replacement in 2017. DA					
Maintenance Reviewed By	Darror	n Ahlsted	t		Date	29-0	Oct-2012		Estimated Tota	I 0	
Proposed Long-Term Strategy	2004.0)5.29 Brid	dge has s	teel caps. Monitor precast on norr	nal BIM. Bridge s	hould l	oe good until 20	16.			
On 3-Year Program (Y/N)											

Proposed Action			
Previous Inspector's Name	Owen Salava	Previous Assistant's Name	
Next Inspection Date	25-Jan-2015	Previous Inspection Date	07-Dec-2010
Inspection Cycle (Default) (months)	39		
Comment			