							:	Bridge In	nspect	tion							
Bridge File Num	ber	134	45 -1	Bridge				J		Туре							
Year Built/Year		199	3/199	3					Lot N	lo.	2						
Supstr	.	DIM	IDEV						Inspector Name			Owen Salava					
Bridge or Town	Name					A/ATEDO	, D.C	CT	Inspector Class		BR CLS A						
Located Over Located On				25.793	K, 3.88, V	VATERO	,RC	5-51	Assistant Name								
Water Body Cl./	Voor	55.0	J4 C I	25.793						Assistant Class							
Navigabil. Cl./Ye														27-Nov-2012			
Legal Land Location SW SEC 28 TWP 42 RGE 4 W5I					1 W5M	/5M			Data Entry By Marcia Chavez								
Longitude, Latitude -114:31:0									, , , , , , , , , , , , , , , , , , , ,			06-Dec-2012	6-Dec-2012				
					T)			Reviewer Name John O'Brier									
Road Authority Alberta Transportat Contract Main. Area CMA18				20011 (711	• /			Revie				04-Dec-2012					
Clear Roadway/		9.2											Andrew Smi				
AADT/Year		-	/ 201	1 (A)							ew Date	9	10-Dec-2012	2			
Road Classificat	tion		J-209-						Follow-Up By								
Detour Length (I	km)	6															
Allowable Load	T T	ngle	CS1	28		Semi	C	S2 49			Train	cs	3 62		> On Critic	al Spans ember	
Design Loading:			CS75	50											> Primary Span		
							Р	osting Ir	nforma	ation							
Required Load F	Posting	(t)						Semi					Truck Train				
Posted Loading	(t)			Single					Semi				Truc	k Train			
Posted:	Lane	E	EB	At Junct		tion (Y/N	ion (Y/N)		In Advance (Y/N)		No	At Bridge (Y/N) No		No			
Posted:	Lane	\	WB		At Junc	tion (Y/N	Y/N) No		lr	In Advance (Y/N)		No	At Bridge (Y/N) N		No		
Remarks	Not re																
Hazard Marker	At Brid	ge (Y	′/N)	No													
Remarks																	
Other Sign Type	es			"Medicii	ne River	"	117	tilities (L	to	ol 04)							
Utility Attachmen	nts						U	ullues (L	-ocate	u al)							
Telephone	North	ditch							Gas								
Power				uth of c/l.						cipal							
Others					40m Eas	st. 14 wir	4 wire crossing			em (Y	′/N) N	0					
	Hwy.		•								,						
Remarks																	
								Approa									
Horizontal Alima	mont					Lá	st °				on of Co						
Horizontal Align Vertical Alignme							8	6	Grade	Land access 30m NE, 120m SW. Grade to the West with limited sight							
Roadway Width				9.000				0	distance. No passing WB. Slight bump EB, West end. Approaches settled.								
Approach Bump				0.000			5	5	Oligin	Count	p LD, V	VOSC	спа. прргоас	,,,,,,	ottiou.		
Guardrail (Y/N)				Yes													
Guardrail							4	5	Mino	r dent	S.						
Length (m)				25.000					Insuff	ficient	length	and	insufficient po	osts a	t corners.		
Current Stand	ard (Y/	(N)		No					Not th	nrie be	eam.		·				
Termination T	`	,		Turn Do	wn												
Drainage Turn Down						5	5										
Approach Road	d Gene	eral F	Rating	ı			6	6									

Strippe Component						5	Supers	structure				
Primary Span : SC, 3 Spans, Lengths(m): 11.6-11.6. A-Ident Number :) Special Feature	Bridge Com	ponent										
Special Feature			ns, Len	ngths(n	n): 11.6-11.6-			· ·				
Type Special Feature			·									
Special Feature							Х					
Special Feature	·					<u>'</u>						
Wearing Surface South County 1 (%) 2 (%) 3 (%)		ure					X					
Mearing Surface Deck Top Detail Ratings	·											
N % 1 % 2 % 3 %		face/Deck Ton	Detail I	Ratings								
See See	Would be a second			rtatirige		3 (%)						
Now	Last			0			0					
Meaning Surface	Now				-		-					
(Material Type : ACP) (Thickness(mm) : 50) Lateral Connection Problem No No No Deck Top No No Deck Rideability 7 7 Deck Joints No No Deck Joints No					0.0			(Asphalt is left 100mm from the South ourh, 11 Apr 2011)				
Chickness(mm) : 50						<u></u> 5	_ 5	(Aspiralt is left Toomin from the South Curb. 11Api2011).				
April												
March Marc				NI -								
Deck Top	(Y/N)	ection Probler	m I	NO								
Deck Rideability 7 7 7 Bump (Y/N) Yes						N	N					
Deck Joints	Dook 10p					.,						
Bump (Y/N) Yes	Deck Rideab	ility				7	7					
Bump (Y/N) Yes												
Deck Drainage	Deck Joints					N	N	Paved over. Slight bump 15mm Eastbound lane West end.				
Drains Clogged (Y/N) No Curbs/Median 5 5 5 Curbs/Median 5 5 5 Curbs/Median 5 5 5 Typical vertical hairline curb cracks every est 100mm. St at SW corner is chipped at inside & outside corners. Map cracking on outside of N abut. Top & inside face snow covered. Bridge Rail 4 7 Crype : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts 7 7 Crype : GALVANIZED POST STEEL; GALVANIZED POST STEEL) Bridge Rail/Posts Coating 7 7 Crype : GALVANIZED) Sidewalk X X Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 0 0 Sidewalk X X Girders 6 6 Last Complete Inspection Date 27-Nov-2012 Cracking (Y/N) No Spalling (Percent Area) 0 Lift or Connector Pocket No Grouted (Y/N) No Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No Horizontal (Y/N) No	Bump (Y/N)		Yes								
Curbs/Median	Deck Draina	ge				4	4	No drains. Erosion channel down West headslope - minor.				
Curb Type : Standard Scaling (Percent Area) 1	Drains Clo	gged (Y/N)	1	No								
Map cracking on outside of N abut. Top & inside face snow covered. Scaling (Percent Area) 1	Curbs/Media	n				5	5	Typical vertical hairline curb cracks every est 100mm.				
A	(Curb Type	: Standard)						S1 at SW corner is chipped at inside & outside corners. Map cracking on outside of N abut				
Count Coun	Scaling (Pe	ercent Area)		1				Top & inside face snow covered.				
Spridge Rail Posts	Bridge Rail					4	7	Double layer.				
Spridge Rail Posts	(Type : GA	LVANIZED S	TEEL F	LEX BI	EAM)							
Count Coun	Bridge Rail F	Posts				7	7					
Type : GALVANIZED Type : GALVANIZED Type : GALVANIZED	ČŤĖEL \	LVANIZED P	OST ST	EEL;G	ALVANIZED	POST						
Circle C		Posts Coating				7	7					
X X X												
N (count) 1 (count) 2 (count) 3 (count) 2 (count) 3 (count) 2 (count) 3 (count) 3 (count) 4 (count) 4 (count) 4 (count) 5 (count) 4 (count) 5 (count) 5 (count) 5 (count) 6 (c						X	X					
N (count) 1 (count) 2 (count) 3 (count)	Oldowalk											
Now	Girder Detail	Ratings										
Now 0 0 0 Girders 6 6 Last Complete Inspection Date 27-Nov-2012 Cracking (Y/N) No Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) No (Number Of Girders : 27) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No		N (count)	1 (cou	ınt)	2 (count)	3 (cou	ınt)					
Girders 6 6 Last Complete Inspection Date 27-Nov-2012 Cracking (Y/N) No Spalling (Percent Area) 0 Lift or Connector Pocket No Grouted (Y/N) (Number Of Girders: 27) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Last	0		0	0		0					
Last Complete Inspection Date 27-Nov-2012 Cracking (Y/N) No Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders: 27) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Now	0		0	0		0					
Cracking (Y/N) No Spalling (Percent Area) 0 Lift or Connector Pocket No Grouted (Y/N) (Number Of Girders: 27) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Girders					6	6					
Cracking (Y/N) No Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders: 27) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Last Comple	te Inspection [Date 2	27-Nov	-2012							
Spalling (Percent Area) Lift or Connector Pocket Grouted (Y/N) (Number Of Girders: 27) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) (Grout failed at connector pockets. 11Apr2011). (Grout failed at connector pockets. 11Apr2011).				No								
Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 27) Span Alignment Problems Vertical (Y/N) Horizontal (Y/N) No								(Grout failed at connector pockets, 11 Apr 2011)				
Number Of Girders : 27) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Lift or Conne	ctor Pocket	1	No				(Cross railed at confidence pockets. 1174).				
Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No		•										
Vertical (Y/N) No No No			s									
Horizontal (Y/N) No				No								
Superstructure Selleral Rating		•				6	6					
	Juperatruct	are Jeneral F	·aung									

					Subst	ructure
Bridge Con	nponent			Last	Now	Explanation of Condition
Abutments						
(Extended	d Backwall Pile	s (Y/N) : Y)				
(Extended	d Backwall Pile	s Spacing(mm	n) : 1600)			
(Total Numb	per of Caps/Co	rbels : 3:3)				
Bearing Sea	ats/Caps/Corbe	els Detail Ratir	ngs			
	N (count)	1 (count)	2 (count)	3 (cou	ınt)	
Last	0	0	0		0	
Now	0	0	0		0	Stiffeners are not welded over piles.
Bearing Sea	ats/Caps/Corbe	els	·	4	6	Welds to sub caps rusting. Drift pins on back face of caps/sub caps.
(Type : S 1						Diff pins on back face of caps/sub caps.
(Depth(mi	·					
(Width(mr	<u> </u>					
Backwalls/E				7	7	
Greatest I		2.40				
Wingwalls	Toight (III)	2.10		4	4	Missing top 2 planks (1.5m) @ NE wingwalls. SW wingwall missing 1
vviiigwalis					-	plank.
(Total Numb	per of Bearing	Piles : 8:8)				
Piles Detail						
	N (count)	1 (count)	2 (count)	3 (cou	ınt)	
Last	0	0	0		0	
Now	0	0	0		0	
Piles		·	·	6	6	
Paint/Coatir	ng			Х	Х	
Abutment S	tability			5	5	Piles are not anchored, ok.
Scour/Erosi	on			6	6	Erosion channel from West backwall down headslope, minor.
Piers/Bents						
	ER-COLUMN)					
F.	per of Caps/Co	•				
Bearing Sea	ats/Caps/Corbe					
_	N (count)	1 (count)	2 (count)	3 (cou		
Last	0	0	0		0	
Now	0	0	0		0	Isolated rust stains.
	ats/Caps/Corbe	els		4	6	
	ONCRETE)					
(Depth(mi						
(Width(mr						
	per of Bearing	Piles : 6:6)				
Piles Detail						
	N (count)	1 (count)	2 (count)	3 (cou	ınt)	
Last	0	0	0		0	
Now	0	0	0		0	
Pier Shaft/P	Piles			7	7	
Greatest I	Height (m)	5.00				
Bracing/Stru	uts/Sheathing			7	7	
Nose Plate				Х	Х	
Paint/Coatir	ng			4	4	Paint has failed at waterline and 5% other random locations.
(Colour D	escription :)					Yellow.
	ode :)					

			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		7	7	
Scour		7	7	
Debris (Y/N) Yes				Drift at pier and at toe of West slope.
Substructure General Rating		4	6	
			Structu	re Usage
		Last	Now	Explanation of Condition
Channel				
(U/S Direction: N)				
(D/S Direction : S)				
Alignment		7	7	
Bank Stability		7	7	
HWM (m below Top of Curb)	-1.0			HWM not visible.
Drift (Y/N)	Yes			Falling trees in river D/S West bank. Small amount of drift caught in bottom of West headslope. Old piles in SB.
Slope Protection		6	6	
(Type: RIP RAP; RIP RAP)				
Guidebank/Spurs		X	Х	
Adequacy of Opening		5	5	
(Fish Compensation Measure 1	I : NONE)			
(Fish Compensation Measure 2	2 : NONE)			
Channel General Rating		5	5	

			Maintenance Recomme	endations					
Inspector Recommendations	3	Year	Inspector Comments	Department Comm	nents		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE	RAIL								
SEAL CURBS									
PATCH DECK		2013	Grout connector & lift pockets, if not yet don	э.					
OVERLAY DECK									
STRAIGHTEN/REPLACE MI	EMBERS								
WASHING									
SHOTCRETE REPAIRS									
CORE TIMBER CAPS/CORE	BELS								
REPAIR/REPLACE TIMBER	CAPS								
REPAIR ABUTMENT SCOU	R/EROSION								
PLACE ADDITIONAL RIP RA									
REMOVE DRIFT ACCUMUL	ATION	2013	Remove drift.						
INSTALL STRUTS									
OTHER ACTION		2013	Paint piles.						
OTHER ACTION		2013	Install 3 - 1.5m planks at SW, NE wing walls						
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION Structural Condition Rating (%)	g (Last/Now)	55.6/66	.7 Sufficiency Rating (Last/Now) (%)	63.2/67.8	Est. Repl. Yr	2030	Maint. Re	qd. (Y/N)	Yes
Structural Condition Rating (%)	g (Last/Now) for hslp erosion		.7 Sufficiency Rating (Last/Now) (%)	63.2/67.8 Department Comments	Est. Repl. Yr	2030	Maint. Re	qd. (Y/N)	Yes
Structural Condition Rating (%) Special Comments for Next Inspection			.7 Sufficiency Rating (Last/Now) (%)	Department	Est. Repl. Yr		Maint. Re		Yes
Structural Condition Rating (%) Special Comments for	for hslp erosion		.7 Sufficiency Rating (Last/Now) (%)	Department Comments	Est. Repl. Yr				Yes
Structural Condition Rating (%) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strateg	for hslp erosion		.7 Sufficiency Rating (Last/Now) (%)	Department Comments	Est. Repl. Yr				Yes
Structural Condition Rating (%) Special Comments for Next Inspection Maintenance Reviewed By	for hslp erosion		.7 Sufficiency Rating (Last/Now) (%)	Department Comments	Est. Repl. Yr				Yes
Structural Condition Rating (%) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strateg On 3-Year Program (Y/N)	for hslp erosion		(%)	Department Comments	Est. Repl. Yr				Yes
Structural Condition Rating (%) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strateg On 3-Year Program (Y/N) Proposed Action	for hslp erosion	channel.	Previo	Department Comments Date	Est. Repl. Yr				Yes
Structural Condition Rating (%) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strateg On 3-Year Program (Y/N) Proposed Action Previous Inspector's Name	for hslp erosion gy Ower 27-Au	channel.	Previo	Department Comments Date Date					Yes