						Bridge I	nspectio	n							
Bridge File Nun	nber	84032	-1 Bridge					Form Type							
Year Built/Year		1997/1	997				Lot No.			4					
Supstr							Inspect	or Name	)	Garry Roberts					
Bridge or Town	Name						Inspect	Inspector Class			BR CLS A				
Located Over			CREEK, 2.1			ST	Assistant Name								
Located On		TRAIL	-PED, ON 5	50000 FE	3		Assistant Class								
Water Body Cl.	/Year						Inspect	on Date	,	01-Oct-2010	)				
Navigabil. Cl./Y	ear						Data Er		·	Alyssa Boyn	·				
Legal Land Loc	ation	SW SE	EC 36 TWP	22 RGE <sup>-</sup>	1 W5M			Data Entry Date			22-Oct-2010				
Longitude, Latitude -114:01:20, 50:54:25							Reviewer Name			Tom Carey					
Road Authority Alberta Transportation (AIT)					)		Review Date			06-Oct-2010	)				
Contract Main. Area UNDEFINED CMA															
Clear Roadway/Skew 3 /							· · ·	pt. Reviewer Name Lorenz Bohnert pt. Review Date 27-Oct-2010							
AADT/Year							· · ·		ale	27-001-2010	<b>/</b>				
Road Classifica	tion						Follow-	ор ву							
Detour Length (	(km)														
				Semi				n	·	> On Crit >Critical	ical Spans Member				
Design Loading:											/ Span				
					Р	osting I	nformati	on							
Required Load Posting (t) Single					Sei	ni			Truck Train						
Posted Loading	(t)			Single			Sei	ni			Truck Train				
Posted:	Lane	WB	5	At Junction (Y/N)		No	In A	In Advance (Y/N		No	At Bridge (Y/N)	No			
Posted:	Lane	EB		At Juncti		No	In A	dvance	(Y/N)	No	At Bridge (Y/N)	No			
Remarks		quired							<u> </u>						
Hazard Marker			) No												
Remarks		90 (1/11	Not req	uired											
Other Sign Typ	es														
0 0.g					U	tilities (	Located	at)							
Utility Attachme	ents														
Telephone							Gas								
Power								unicipal							
Others							Problem (Y/N) No								
Remarks								· ( 1/1 <b>v</b> )	110						
Nomal No						Annro	ach Road								
					Last				Condi	tion					
Horizontal Aligr	ment				5	5	<u> </u>	Explanation of Condition Pedestrian path							
Vertical Alignme					5	5	Bridge	¥10							
Roadway Width			3.000		3	Ŭ									
Approach Bum			5.000		5	6	-								
Guardrail (Y/N)			Yes		5	v	7.6m of	timber (	ruardra	il					
Guardrail (1710)			103		7	7	7.0010		guarura						
Length (m)			7.600			1									
	hard (V/	NI)					-								
Current Stand		IN)	Yes				-								
Termination T Drainage	уре		none		7	7									
Approach Roa	d Gene	eral Rat	ing		5	5									

Superst							
Bridge Comp					Last		Explanation of Condition
(Primary Spa	n : <b>PT, 1 Spa</b> r	ns, Len	gths(m	): 26.4, A-Ide	ent Nun	nber: )	
Special Feat							
Special Featu	ire					X	
(Type:)							-
Special Feature						Х	
(Type : )							
Wearing Surface/Deck Top Detail Ratings							
	N (%) 1 (%) 2 (%)		3 (%)		-		
Last							-
Now	0.0	0.	.0	0.0	0	.0	
Wearing Surf	ace/Deck Top				4	6	300 x 40mm longitudinal cca timber subdeck
(Material Ty	/pe : UNTREA	TED TI	MBER)	)			_
(Plank Thic	kness(mm) : 5	<b>iO</b> )					_
(Plank Widt	h(mm) : <b>150</b> )						
Deck Rideability					7	7	
Deck Joints					X	X	
Temperatur	e (deg. C)						
(Expansion	Type : )						
(Fixed Type	e:)						
Gap Size (r	nm)		Gap Lo	ocation			
							-
Curbs/Wheel	Guards				X	7	
(Curb Type	: Standard)						
(Type : <b>CO</b>		MATE A	RSEN	ATE TREATE	D TIME	BER)	
(Thickness)	(mm) : <b>50</b> )						
(Width(mm)	: <b>200</b> )						
Bridge Rail					7	7	Timber Planks on steel bridgerail
(Type : BRI	DGE SOLID I	BEAM (	EX. TIN		))		
Bridge Rail P	osts/Blocking				7	7	
(Type : )							Weather steel
Bridge Rail/P	osts Coating				Х	Х	
(Type : )							
Sidewalk					X	Х	

				Supers	tructure				
Bridge Component			Last	Now					
(Primary Span : PT, 1 Spans	, Lengths(r	n): 26.4, A-Id	ent Nun	nber:)					
Wide Load Damage (Y/N)									
Top Chord			8	8	_				
Batter Posts			8	8	_				
Diagonals			8	8					
Verticals			8	8	Welded connections				
Connections			8	8	Diaphrams act as floor beams				
Floor Beams			8	8					
Bottom Chord			8	8					
Lateral Bracings			X	Х					
(No. of Stringers : 0)									
Stringer Detail Ratings					-				
N (count) 1	I (count)	2 (count)	3 (cou	unt)	-				
Last					_				
Now					-				
Stringers			X	X	-				
(Type : <b>STEEL</b> )					-				
(Width(mm) : )					_				
(Depth(mm) : )					_				
(Spacing(mm) : )									
Paint Condition			5	X	weathering steel				
(Colour Description : )					-				
(Colour Code : )					-				
Touchup Required (Y/N)	No								
Bearings			7	7					
Temperature (deg. C)	25				-				
(Expansion Type : SLIDING	G PLATE)				_				
(Fixed Type : )					-				
Functioning (Y/N)	Yes								
Sub Deck/Deck Underside			7	7					
(Material Type : TREATED	TIMBER)								
(Plank Thickness(mm) : 10	0)								
(Plank Width(mm) : 300)									
Defects (Percent Area)	0								
Span Alignment Problems									
Vertical (Y/N)	No								
Horizontal (Y/N)	No								
Superstructure General Rat	ting		7	7					
Pridao Component			Lest		ructure				
Bridge Component Abutments			Last	Now	Explanation of Condition				
(Extended Backwall Piles (	V/NI) · )								
(Extended Backwall Piles (		) · )			-				
(Extended Dackwall Files 3	pacing(mm	)							
					Massive concrete				

Substruct in the point in the point in the point of Caps/Corbels I Ratings         Last Now         Also in the point of Caps/Corbels Detail Ratings         N (count)       1 (count)       2 (count)       3 (count)         asts/Caps/Corbels Detail Ratings         O       O       O         O       O       O         O       O       O         O       O       O         O       O       O         O       O       O         O       O       O         Imm) : )       S         Imm) : )       S         I Ratings       P       8         I Ratings       I         I Ratings       I       N (count)       1 (count)       2 (count)       3 (count)         I Ratings       I         I Ratings       I
N (count)1 (count)3 (count)3 (count)0000eats/Caps/Corbels98SCONCRETE)Im) : )98Breastwalls98Height (m)3.00
$\begin{tabular}{ c c c } & 1 (count) & 2 (count) & 3 (count) & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & $
aats/Caps/Corbels 9 8 cONCRETE) m) : ) m) : ) Breastwalls 9 8 Height (m) 3.00 I Ratings Abber of Bearing Piles : 0:0) I Ratings N (count) 1 (count) 2 (count) 3 (count) I Ratings N (count) 1 (count) 2 (count) 3 (count) I Ratings N (count) 1 (count) 2 (count) 3 (count) N N N N Stability 9 8 sion 7 5 Stability 9 8 sion 7 5 Stability 9 8 sion 7 8 Stability 9 8 sion 7 8 Stability 9 8 sion 7 8 Stability 9 8 sion 3 (count) 1 (count) 2 (count) 3 (count) N (count) 1 (count) 3 (count) N (count
aats/Caps/Corbels       9       8         concrete)       sconcrete)         mm) : )       mm) : )         mm) : )       9       8         Breastwalls       9       8         Height (m)       3.00       9       8         abber of Bearing Piles : 0:0)       1 (count)       2 (count)       3 (count)         I Ratings       1 (count)       2 (count)       3 (count)         I Ratings       7       5         Stability       9       8         sion       7       8         sion       7       8         sion       1 (count)       2 (count)       3 (count)         abber of Caps/Corbels Detail Ratings       7       8         sats/Caps/Corbels Detail Ratings       1 (count)       2 (count)       3 (count)         N (count)       1 (count)       2 (count)       3 (count)         abber of Bearing Piles : )       x       x         abber of Bearing Piles : )       x       x
ONCRETE)         im) : )         im) : )         Breastwalls         9         Breastwalls         Point in the image in th
nm) : )       9       8         Breastwalls       9       8         Height (m)       3.00       9       8         Iteight (m)       3.00       9       8         Iteight (m)       3.00       9       8         Iteight (m)       1 (count)       2 (count)       3 (count)         Iteight (m)       1 (count)       7       5         Stability       9       8       8         sion       7       8       8         sion       1 (count)       2 (count)       3 (count)         iteits/Caps/Corbels       0       7       8         stats/Caps/Corbels       0       0       0         atats/Caps/Corbels       2 (count)       3 (count)       1         atats/Caps/Corbels       1       2 (count)       3 (count)         atats/Caps/Corbels       1       1       1         atats/Caps/Corbels       1       1       1         atats/Caps/Cor
m):)       9       8         Height (m)       3.00       9       8         Height (m)       3.00       9       8         Iber of Bearing Piles : 0:0)       9       8         I Ratings       1 (count)       2 (count)       3 (court)         I N (count)       1 (count)       2 (count)       3 (court)         I N (count)       1 (count)       2 (count)       3 (court)         I N (count)       1 (count)       9       8         Stability       7       5         Stability       9       8         sion       7       8         Stability       9       8         N (count)       1 (count)       2 (count)       3 (court)         I (count)       1 (count)
98Breastwalls3.0098Height (m)3.0098all of 00I RatingsN (count)1 (count)2 (count)3 (court)I RatingsN (count)1 (count)2 (count)3 (court)NNNNNNNNNNNSionZ (count)3 (court)I count)2 (count)3 (court)A (count)1 (count)2 (count)3 (court)N (count)1 (count)2 (count)3 (court)N (count)1 (count)2 (count)3 (court)N (count)1 (count)2 (count)3 (court)A (count)1 (count)2 (count)3 (count)A (count)1 (count)2 (count)3 (count)A (count)
Height (m)       3.00       9       8         aber of Bearing Piles : 0:0)       1       2       3
98aber of Bearing Piles : 0:0)I RatingsI Ratings3 (count)10010010010010010010010010010010010010010010010010010010011110010 <td< td=""></td<>
Iteratings         Iteratings         N (count)       1 (count)       2 (count)       3 (count)         1       0       0 $-$ 1       0       0 $-$ 1       0       0 $-$ 1       0       0 $-$ 1       0       0 $-$ 1       0       0 $-$ 1       0       0 $ -$ 1       0       0 $ -$ 1       0       0 $ -$ ing $-$ N       N       N         Stability       9       8       8       8         stor       7       8       8       8         Set of Caps/Corbels Detail Ratings         N (count)       1 (count)       2 (count)       3 (count)         ats/Caps/Corbels       X       X         ats/Caps/Corbels       X       X         ats/Caps/Corbels Detail Ratings         ats/Caps/Corbels       X       X         ats/Caps/Corbels     <
I Ratings N (count) 1 (count) 2 (count) 3 (count) 1 0 0 0 N N ing $7$ 5 Stability 9 8 sion $7$ 8 sion $7$ 8 stabs/Caps/Corbels : ) ats/Caps/Corbels Detail Ratings N (count) 1 (count) 2 (count) 3 (count) ats/Caps/Corbels Detail Ratings N (count) 1 (count) 2 (count) 3 (count) ats/Caps/Corbels Detail Ratings N (count) 1 (count) 2 (count) 3 (count) ats/Caps/Corbels X X X
I Ratings N (count) 1 (count) 2 (count) 3 (count) 1 0 0 0 N N 1 0 0 0 N N N N N N N N N N N N N N N
N (count)1 (count)2 (count)3 (court)100 $-$ 100 $-$ ing $-$ NNing $ 7$ $5$ Stability $9$ $8$ sion $ 7$ $8$ sionN (count)N (count)1 (count) $2$ (count)3 (court)sionN (count)N (count)1 (count) $2$ (count)3 (court) $3$ (court)A (count)1 (count) $2$ (count)X XXX XXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX </td
100 $\mathbb{N}$ ingNNing75Stability98sion78sion78sion78sion78sion78sion78N (count)1 (count)2 (count)3 (count)N (count)1 (count)2 (count)3 (count)N (count)1 (count)2 (count)3 (count)xXXxXXxx
N       N         ing       7       5         Stability       9       8         sion       7       8         ision       7       8         aber of Caps/Corbels : )       7       8         aber of Caps/Corbels Detail Ratings       3 (count)         N (count)       1 (count)       2 (count)       3 (count)         eats/Caps/Corbels       X       X         aber of Bearing Piles : )       X       X
N       N         ing       7       5         Stability       9       8         sion       7       8         ision       7       8         aber of Caps/Corbels : )       7       8         aber of Caps/Corbels Detail Ratings       3 (count)         N (count)       1 (count)       2 (count)       3 (count)         eats/Caps/Corbels       X       X         aber of Bearing Piles : )       X       X
ing       7       5         Stability       9       8         sion       7       8         iss       7       8         iss       7       8         iss       7       8         iss       1 (count)       2 (count)       3 (count)         interval       1 (count)       2 (count)       3 (count)         interval       1 (count)       2 (count)       3 (count)         interval       X       X         interval       X       X
Stability       9       8         sion       7       8         sion       7       8         ss       7       8         stability       9       8         sion       7       8         ss       5       5         stability       9       8         stability       7       8         stability       9       8         stability       7       8         stability       9       8         stability       7       8         stability       9       8         stability       1 (count)       2 (count)       3 (count)         stability       1 (count)       2 (count)       3 (count)         stability       X       X       X         stability       X       X       X
sion 7 8 ss ber of Caps/Corbels : ) ats/Caps/Corbels Detail Ratings N (count) 1 (count) 2 (count) 3 (count) ats/Caps/Corbels X X ber of Bearing Piles : )
sion 7 8 ss ber of Caps/Corbels : ) ats/Caps/Corbels Detail Ratings N (count) 1 (count) 2 (count) 3 (count) ats/Caps/Corbels X X ber of Bearing Piles : )
is the of Caps/Corbels : ) the of Caps/Corbels Detail Ratings N (count) 1 (count) 2 (count) 3 (count) A count) 1 (count) X X A the of Bearing Piles : )
aber of Caps/Corbels : ) ats/Caps/Corbels Detail Ratings N (count) 1 (count) 2 (count) 3 (count) ats/Caps/Corbels X X A ber of Bearing Piles : )
aber of Caps/Corbels : ) ats/Caps/Corbels Detail Ratings N (count) 1 (count) 2 (count) 3 (count) ats/Caps/Corbels X X A ber of Bearing Piles : )
A count) 1 (count) 2 (count) 3 (count) A count) 1 (count) 2 (count) 3 (count) A count) X X A count) A count) X X A count A count) 1 (count) 2 (count) 3 (count) A count) A count A count) X X A count A
A count) 1 (count) 2 (count) 3 (count) A count) 1 (count) 2 (count) 3 (count) A count) X X A count) A count) X X A count) A count) 1 (count) 2 (count) 3 (count) A count) A count) X X A count A count) 1 (count) 2 (count) 3 (count) A count) X X A count A count) 1 (count) 2 (count) 3 (count) A count) X X A count A count) 1 (count) 2 (count) 3 (count) A count) X X A count A count X X A count A count X X A count X
N (count) 1 (count) 2 (count) 3 (count) a local
eats/Caps/Corbels X X abber of Bearing Piles : )
ber of Bearing Piles : )
ber of Bearing Piles : )
ber of Bearing Piles : )
N (count) 1 (count) 2 (count) 3 (count)
Piles X X
Height (m)
ruts/Sheathing X X
x X
ing X X
Description : )
Code : )
ty X X
X X
N) No
ure General Rating 9 8

			ure Usage				
Channel							
(U/S Direction : N)							
(D/S Direction : S)				Curve d/s			
Alignment		7	7				
Bank Stability			7				
HWM (m below Top of Curb) 3.0				No visible HWM			
Drift (Y/N)	No						
Slope Protection		5	6				
(Type : <b>RIP RAP; RIP RAP</b> )							
Guidebank/Spurs			X				
Adequacy of Opening			6				
(Fish Compensation Measure 1	: NONE)						
(Fish Compensation Measure 2	: NONE)						
Channel General Rating		5	6				

			Mai	ntenance R	ecommend	ations						
Inspector Recommendations	Year	Inspector	Comments			Department Co	mmen	ts		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL												
RETROFIT BRIDGE RAIL												
PATCH DECK												
REPLACE SUB DECK												
RESET/ PAINT BEARINGS												
REPAINT SUPERSTRUCTURE												
STRAIGHTEN/REPLACE MEMBERS												
WASHING												
CORE TIMBER CAPS/CORBELS												
REPAIR/REPLACE TIMBER CAPS												
REPAIR ABUTMENT SCOUR/EROSIO	N											
PLACE ADDITIONAL RIP RAP												
REMOVE DRIFT ACCUMULATION												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
Structural Condition Rating (Last/Nor (%)	w) 88.9/83	.3	Sufficiency R (%)	ating (Last/	Now)	74.7/88.4	Est	t. Repl. Yr	2050	Maint. Rec	qd. (Y/N)	No
Structural Condition Rating (Last/No	w) 88.9/83.	.3	Sufficiency R (%)	ating (Last/	Now)	74.7/88.4 Department Comments	Est	t. Repl. Yr	2050	Maint. Red	qd. (Y/N)	No
Structural Condition Rating (Last/Nor (%) Special Comments for Next Inspection	w) 88.9/83.	.3	Sufficiency R (%)	ating (Last/	Now)	Department	Est	t. Repl. Yr	<u> </u>			No
Structural Condition Rating (Last/Nor (%) Special Comments for	w) 88.9/83.	3	Sufficiency R (%)	ating (Last/	Now)	Department Comments	Est	t. Repl. Yr	<u> </u>	Maint. Red		No
Structural Condition Rating (Last/Nor (%)         Special Comments for Next Inspection         Maintenance Reviewed By	w) 88.9/83.	.3	Sufficiency R (%)	ating (Last/	Now)	Department Comments	Est	t. Repl. Yr	<u> </u>			No
Structural Condition Rating (Last/Nor (%)         Special Comments for Next Inspection         Maintenance Reviewed By Proposed Long-Term Strategy	w) 88.9/83.	.3	Sufficiency R (%)	ating (Last/	Now)	Department Comments	Est	t. Repl. Yr	<u> </u>			No
Structural Condition Rating (Last/Nor (%)         Special Comments for Next Inspection         Maintenance Reviewed By Proposed Long-Term Strategy         On 3-Year Program (Y/N) Proposed Action	w) 88.9/83.	3	Sufficiency R (%)	ating (Last/		Department Comments		t. Repl. Yr	<u> </u>			No
Structural Condition Rating (Last/Nor (%)         Special Comments for Next Inspection         Maintenance Reviewed By Proposed Long-Term Strategy         On 3-Year Program (Y/N) Proposed Action         Previous Inspector's Name		3	Sufficiency R (%)	ating (Last/	Previous	Department Comments Date		t. Repl. Yr 22-Jun-2005	<u> </u>			No
Structural Condition Rating (Last/Nor (%)         Special Comments for Next Inspection         Maintenance Reviewed By         Proposed Long-Term Strategy         On 3-Year Program (Y/N)         Proposed Action         Previous Inspector's Name         Next Inspection Date	Tom Carey	3	Sufficiency R (%)	ating (Last/	Previous	Department Comments Date			<u> </u>			No