							В	ridge Ir	nspection	n							
Bridge File Nu	mber	812	04 -1	Bridge					Form Type				PCS				
Year Built/Yea	r	198	8/198	8					Lot No.				4				
Supstr									Inspector Name				Jason Rusu				
Bridge or Towr	n Name					TEDOD	0.14		Inspecto	or Cla	SS		BR CLS B				
Located Over					RES, WA	TERCR	S-IC	<u>ز</u>	Assistant Name								
Located On		529:	:04 C	1 25.148					Assistant Class								
Water Body Cl									Inspection Date				27-Feb-2010				
Navigabil. Cl./		0.44	050		45 005	<u></u>			Data En	try By	/		Kelsey Roberts				
Legal Land Loo					15 RGE	21 00410			Data En	try Da	ate		25-Mar-2010				
Longitude, Latitude -112:49:13, 50:16:06 Road Authority Alberta Transportation (AIT)					-\			Reviewer Name				Garry Rob	erts				
Road Authority Alberta Transportation (AIT) Contract Main CMA25)			Review Date				12-Mar-20	10				
Contract Main. Area CMA25								Dept. Reviewer Name			ne	Lorenz Bol	nnert				
Clear Roadway/Skew 9.9 / 40 deg. (RHF)								Dept. Re	eview	Date		26-Mar-20	10				
AADT/Year	- 11		/ 200	. ,					Follow-L	Јр Ву							
Road Classific			J-210	-110					-								
Detour Length		22	004	20		Const	00	0.40		-		000	2.02			inal Carrie	
Allowable Load	I (I): SI	igie	CS1	28		Semi	US	2 49		Ira	ain	05	63 62		> On Critical Spans >Critical Member		
Design Loading	g:		MS2	30	I	1	1							> Primary Span			
							Po	stin <u>g Ir</u>	nformation								
Required Load Posting (t) Single							Semi				Truc	k Train					
Posted Loading	g (t)				Single				Sem	ni				Truc	k Train		
Posted:	Lane	E	ΞВ		At Junction ()	No	In A	In Advance (Y/N)		V)	No	At Bridge (Y/N)		No	
Posted:	Lane	۱	NВ		At Junct	ion (Y/N)	No	In A	dvand	ce (Y/I	V)	No	At B	ridge (Y/N)	No	
Remarks	Not re	əq.															
Hazard Marker	r At Brid	ge (Y	′/N)	Yes													
Remarks		•															
Other Sign Typ	oes																
							Uti	lities (L	_ocated a	at)							
Utility Attachm	ents																
Telephone	NW-S	SW C	ORNE	ER 50m	WEST				Gas								
Power	350m	SOL	JTH 2	LINE					Municipa	al							
Others									Problem	n (Y/N) No						
Remarks																	
							ŀ	Approa	ch Road								
						La	st	Now	Explana	ation	of Cor	ndit	ion				
Horizontal Alig	nment						6	5					ve at speed				
Vertical Alignm	nent						5	5	also SE,	, NE c	corner		end of bride	ge			
									slight dip	p s.w.	-soft a	ppr	oach road				
Roadway Widt	:h (m)			13.200													
Approach Bum							6	5	1								
Guardrail (Y/N	•			Yes			-										
Guardrail	/						6	6	1								
Length (m)				7.600			-	Ŭ									
Current Stan	dard (Y	/N)		No													
Termination		•••		-		J											
Drainage	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			- OTTAL			7	7									
Approach Road General Rating						5	E										
Approach Road General Rating						5	5	1									

(Primery Span : SM, 5 Spans, Lengths(m): 11-11-11-11, L-1 det Wumber:) Special Feature V Special Feature V Special Feature V (Type :) V Special Feature V Special Feature V Special Feature V Value V Main Social Feature V Value 0.0 0.0 Now 0.0 0.0 Now 0.0 0.0 Now 0.0 0.0 Special Feature X (Masterial Type :) V V Trickness X (Masterial Type :) V V Speck Top :> Y S Deck Top :> Y S Deck Rideability Yes : T Trins Clogged (YN) V S Curbs Media Yes : S String Real Posts V S String Real Posts S S String Real Posts S S String Real Posts <					Supers	tructure
Special FeatureIIXGrade FeatureIX(Type:)IYXSpecial FeatureIYMIYYMIYYMain Surface/Deck Top Detail RatingsIYMIYYNow000Now000Now000Material Type :IX(Thickness (rmn):)IXLetral Connectories ProblemNoSDeck RidaebilityYYSDeck RidaebilityYesYSDeck JointsYesYSDeck JointsYesYesSDeck JointsYesYesSDeck JointsYesYesSDeck JointsYesYesSDeck JointsYesYesSDeck JointsYesYesSDeck JointsYesYesSDeck JointsYesYesSDeck JointsSSDeck JointsYesSDeck JointsYesSSeding (Percent Ares)OOTitley BRIDGE TUBEYesSStellay RatingsYesSStellay RatingsYesSStellay RatingsYesSStellay RatingsYesS	Bridge Component			Last	Now	Explanation of Condition
Special Feature I V Type : I X (Type : X Warnig Surface/Dack Top_Deal/ Ratings I Now 0 0 0 Now 0.0 0.0 0 Material Type : I 2 (%) 3 (%) Itast 0 0 0 Wearing Surface/Dack Top_Deal/ Ratings X X (Material Type :) V X X (Material Type :) V X X (Material Type :) V V X (Material Type :) V V X Deck Top No V V Deck Construction Problem No V V Deck Adams V Y S Deck Construction Y Y S Deck Adams V Y S Deck Construction Y Y S Draine Clogged (Y/N) No S A Grading Rating Paret Y S <t< td=""><td>(Primary Span : SM, 5 Spans, I</td><td>_engths(r</td><td>n): 11-11-11-1</td><td>1-11, A</td><td>A-Ident</td><td>Number:)</td></t<>	(Primary Span : SM, 5 Spans, I	_engths(r	n): 11-11-11-1	1 - 11, A	A-Ident	Number:)
(Type :) X Special Foature X (Type :) X Wearing Surface/Deck Top Detail Ratings X Last 0 0 0 Now 0.0 0.0 0.0 New 0.0 0.0 0.0 Waaring Surface/Uncess (nm) :) X X Lateral Connection Problem No 0 Y(N) Ves 6 6 Deck Ridesbilty Yes 7 5 Deck Joints 7 7 6 Bump (YN) Yes 0 0 Deck Joints 7 7 7 Curbs/Median 7 7 7 Curbs/Median 7 7 7 Grider Detail Ratings 8 8 6 (Type : Submid For Site (AvaN)/2ED POST STEEL; GALVANIZED POST 8 8 Grider Detail Ratings 8 8 7 Bridge Rail Posts 8 8 7 Stellay Rive (Stocking (YN) 1 (court) 2 (court) 3 (court) 1 1	Special Features					
Special FeatureVVType:VVVVVeraing Surface/Deck Top Detail Rating2 (%)3 (%)VLast0000.0Now0.00.00.00.0Wearing Surface/Deck Top DribleXX(Material Type:)XX(Material Type:)VXThickness (mn):)VVLateral Connection ProblemNo0Deck RideabilityVYDeck RideabilityVYDeck RideabilityVYDeck RideabilityNoYDeck RideabilityNoYDeck RideabilityNoYDeck RideabilityNoYDeck RideabilityNoYDeck RideabilityNoYDeck RideabilityNoYDeck RideabilityNoYTig RideabilityNoYStating (Parcent Area)0YStating (Parcent Area)0XStating (Parcent Area)0NoStating ControlYYStating Control <td< td=""><td>Special Feature</td><td></td><td></td><td></td><td>Х</td><td></td></td<>	Special Feature				Х	
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Now 0.0 0.0 0.0 Wearing Surface X X (Material Type :) Thickness (mm) :) Image: Surface Image: Surface (Thickness (mm) :) No Image: Surface Image: Surface Deck Top No Image: Surface Image: Surface Deck Rideability Yes Image: Surface Image: Surface Deck Joints Yes Image: Surface Image: Surface Deck Drainage Test Image: Surface Image: Surface Deck Drainage Image: Surface Image: Surface Image: Surface Surface Creent Area Image: Surface Image: Surface Image: Surface String Creent Area Image: Surface Image: Surface Image: Surface String Creent Area Image: Surface Image: Surface Image: Surface String Parity Dests Image: Surface Image: Surface Image: Surface String Parity Dest Image: Surface Image: Surface Image: Surface String Parity Dest Image: Surface Image: Surface Image: Surface String Parity Dest Image: Surface Image: Surface Image: Surface String Parity Dest Image: Surface Image: Surface Image: Surface <				3 (%)		
Wearing Surface X X X (Material Type :)	Last 0	0	0		0	
(Material Type :) Imickness (mm) :) Lateral Connection Problem No Deck Top 6 6 Pitted from Gravel Deck Rideability 7 5 Due to cambor in girders Deck Rideability Yes 7 5 Due to cambor in girders Deck Dianage 7 6 8 drains on south side also drains between units Drains Clogged (Y/N) No 7 7 7 Scaling (Percent Area) 0 6 8 (Type : Standard) 0 8 8 (Type : GALVANIZED POST STEEL; GALVANIZED POST 8 8 Sidewalk X X X X Sidewalk X X X X Sidewalk 27-Feb-2010 5 5 Hairline along bottoms of most. Cracking (Y/N) Yes 5 5 5 Spalling (Percent Area) 0 0 0 0 O 0 0 0 0 0	Now 0.0	0.0	0.0	0	0.0	
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Inclusions of mass of mas						
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(Y/N)Ves66776Deck RideabilityVes75Due to cambor in girdersDeck RideabilityVes76Bung (Y/N)Yes88drains on south side also drains between unitsDeck Drainage88drains on south side also drains between unitsDeck Standard777Curbs/Median777Scaling (Pecrent Area)077Bridge Rail088(Type : BRIDGE TUBE)88(Type : GALVANIZED POST STEEL;GALVANIZED POST88(Type : Standard)000Grider Detail Ratings27.Feb-2010-Grider Standard)1 <td></td> <td>No</td> <td></td> <td></td> <td></td> <td></td>		No				
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Bump (Y/N) Yes Image	Deck Rideability			7	5	Due to cambor in girders
Bump (Y/N) Yes Image	Deck Joints			7	6	
Deck Drainage No drains on south side also drains between units Curbs/Median 7 7 7 7 (Curb Type : Standard)		Ves		1	0	
Drains Clogged (Y/N) No also drains between units Curbs/Mediar 7 7 7 Curbs/Mediar 7 7 Scaling (Percent Area) 0 7 Bridge Rail 0 5 Gridge Rail 0 0 Type : SRIDGE TUBE) 8 8 (Type : GALVANIZED POST STEEL; SALVANIZED		165		0	0	dreine en equita side
Curbs/Median 7 8 8 Gridge Rail Posts Saling (Porcent Area) Saling Post Saling (Post Scating Unit) 1 (count) 2 (count) 3 (count) 1 (count) 1 (count) 3 (count) 1 (count) 1 (count) 3 (count) 1 (count) 1 (count) 1 (count) 3 (count) 1 (count) 1 (count) 1 (count) 1 (count) 1 (count) 1 (count)		Nia		8	8	
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(Type : BRIDGE TUBE) Bidge Rail Posts 8 8 Bridge Rail Posts GALVANIZED POST STEEL;GALVANIZED POST 8 8 Steel Steel Steel Steel Steel Bridge Rail/Posts Coating 8 8 8 (Type :) Steel X X Sidewalk X X X Girder Detail Ratings X X N (count) 1 (count) 2 (count) 3 (count) Now 0 0 0 Girders 27-Feb-2010		0			1	
Bridge Rail Posts 8 8 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) 8 8 Bridge Rail/Posts Coating 8 8 (Type :) 5 8 8 (Girder Detail Ratings X X X Girder Detail Ratings 0 0 0 N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 Now 0 0 0 Girders 27-Feb-2010 E Cracking (Y/N) Yes 27-Feb-2010 Cracking (Y/N) Yes 1 Spalling (Percent Area) 0 1 Uift or Connector Pocket Yes Yes Grouted (Y/N) No 1 Yes 1 1 Yer 1 1 Yer 1 1 Horizontal (Y/N) No 1				8	8	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) 8 8 Bridge Rail/Posts Coating 8 8 (Type :) 5 3 8 Sidewalk X X X Girder Detail Ratings X X X I (count) 1 (count) 2 (count) 3 (court) Last 0 0 0 Now 0 0 0 Girders 27-Feb-2010 4 Cracking (Y/N) Yes 5 Spalling (Percent Area) 0 0 Lift or Connector Pocket Grouted (Y/N) Yes 5 Span Alignment Problems Yes 5 Vertical (Y/N) No 5 Horizontal (Y/N) No 5	, ,				1	
STÉEL) Bridge Rail/Posts Coating 8 8 Girder Rail/Posts Coating X X X Sidewalk X X X Girder Detail Ratings X X X Image: N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 0 Now 0 0 0 0 Girders Z7-Feb-2010 East Complete Inspection Date 27-Feb-2010 Cracking (Y/N) Yes Image: Second	v			-	8	
Bridge Rail/Posts Coating (Type :) I I I Sidewalk X X X Girder Detail Ratings X X M (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 Now 0 0 0 Girders 8 5 Last Complete Inspection Date 27-Feb-2010 Cracking (Y/N) Yes 4 Spalling (Percent Area) 0 7 Kitt or Connector Pocket Grouted (Y/N) Yes 4 Span Alignment Problems Vertical (Y/N) No Vertical (Y/N) No 4	(Type : GALVANIZED POST STEEL)	STEEL;G		POST		
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N (count) 1 (count) 2 (count) 3 (court) Last 0 0 0 0 Now 0 0 0 0 Girders S 5 Hairline along bottoms of most. Rating decreased in accordance with Sm girder exception list. Cracking (Y/N) Yes I <thi< th=""> <thi< th=""> I I</thi<></thi<>						
Last 0 0 0 0 0 Now 0 </td <td>Girder Detail Ratings</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Girder Detail Ratings					
Now 0 0 0 0 Girders 5 5 4 5 Last Complete Inspection Date 27-Feb-2010 Hairline along bottoms of most. Cracking (Y/N) Yes 1 5 Spalling (Percent Area) 0 0 1 1 Lift or Connector Pocket Grouted (Y/N) Yes 1 1 (Number Of Girders : 45) Yes 1 1 Span Alignment Problems No 1 1 Vertical (Y/N) No 1 1	N (count) 1 (c	count)	2 (count)	3 (cou	unt)	
Girders 8 5 Last Complete Inspection Date 27-Feb-2010 Rating decreased in accordance with Sm girder exception list. Cracking (Y/N) Yes 1 Spalling (Percent Area) 0 1 Lift or Connector Pocket Grouted (Y/N) Yes 1 (Number Of Girders : 45) 1 1 Span Alignment Problems Vertical (Y/N) No Vertical (Y/N) No 1	Last 0	0	0		0	
Last Complete Inspection Date 27-Feb-2010 Rating decreased in accordance with Sm girder exception list. Cracking (Y/N) Yes Image: Complete Inspection Pocket 0 Spalling (Percent Area) 0 Image: Complete Inspection Pocket Yes Grouted (Y/N) Yes Image: Complete Inspection Pocket Yes (Number Of Girders : 45) Image: Complete Inspection Pocket Yes Span Alignment Problems Image: Complete Inspection Pocket Yes Vertical (Y/N) No Image: Complete Inspection Pocket Horizontal (Y/N) No Image: Complete Inspection Pocket	Now 0	0	0		0	
Last complete inspection bate 2/1 + eb-2010 Cracking (Y/N) Yes Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) Yes (Number Of Girders : 45) Yes Span Alignment Problems Vertical (Y/N) Vertical (Y/N) No Horizontal (Y/N) No	Girders			8	5	Hairline along bottoms of most.
Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) Yes (Number Of Girders : 45)	Last Complete Inspection Date	27-Feb	-2010			Rating decreased in accordance with Sm girder exception list.
Lift or Connector Pocket Yes Grouted (Y/N) (Number Of Girders : 45) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Cracking (Y/N)	Yes				
Grouted (Y/N) Image: Constant of Girders (Y/N) Constan	Spalling (Percent Area)	0				
Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Lift or Connector Pocket Grouted (Y/N)	Yes				
Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	(Number Of Girders : 45)					
Vertical (Y/N) No Horizontal (Y/N) No	Span Alignment Problems					
Horizontal (Y/N) No		No				
		No				
				8	5	

Alberta Transportation

					Subst	ructure
Bridge Comp	onent			Last	Now	Explanation of Condition
Abutments						
(Extended E	Backwall Piles	; (Y/N) : N)				
(Extended E	Backwall Piles	Spacing (mm	n):)			
(Total Numbe	r of Caps/Cor	bels : 1:1)				
Bearing Seats	s/Caps/Corbe	s Detail Ratin	gs			_
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last	0	0	0		0	
Now	0	0	0		0	
Bearing Seats	s/Caps/Corbe	ls		8	7	
(Type : CO	NCRETE)					
(Depth (mm	n) : 700)					
(Width (mm) : 500)					
Backwalls/Bre	eastwalls			X	X	
Greatest He	eight (m)	0.90				
Wingwalls				8	7	
(Total Numbe	r of Bearing P	Piles : 8:8)				
Piles Detail R						
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last	16	0	0		0	
Now	16	0	0		0	
Piles					N	
Paint/Coating	1			N X	X	
Abutment Sta	bility			9	9	
Scour/Erosior				9	9	
	•			5		
Piers/Bents						
(Type : PIEI	R-COLUMN)					aama bairlina vart araaka abaya nilaa
		bels : 1:1:1:1]				some hairline vert.cracks above piles cap size 690x550mm.
Bearing Seats			7			-
	N (count)	1 (count)	2 (count)	3 (cou	unt)	-
Last	0	0	0		0	
Now	0	0	0		0	staining on caps
Bearing Seats		ls		8	7	
(Type : COI						-
(Depth (mm	· · · · · · · · · · · · · · · · · · ·					-
(Width (mm	· · · · · · · · · · · · · · · · · · ·					
(Total Numbe		Piles : 6:6:6:6)				
Piles Detail R						-
	N (count)	1 (count)	2 (count)	3 (cou	unt)	-
Last	0	0	0		0	-
Now	0	0	0		0	4
Pier Shaft/Pile				8	7	
Greatest He	- · · ·	5.20			_	
Bracing/Struts	s/Sheathing			X	X	
Nose Plate				X	X	
Paint/Coating				8	7	
(Colour Des	scription :)					
(Colour Coc	de:)					

Alberta Transportation

			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		9	9	
Scour		8	8	
Debris (Y/N)	No			
Substructure General Rating	1	8	7	
		S	Structu	re Usage
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : N)				
(D/S Direction : S)				
Alignment		8	8	
Bank Stability		8	8	
HWM (m below Top of Curb)	3.3			
Drift (Y/N)	No			
Slope Protection		8	8	
(Type :)				
Guidebank/Spurs		Х	Х	
Adequacy of Opening		8	8	
(Fish Compensation Measure 1	NONE)			
(Fish Compensation Measure 2	NONE)			
Channel General Rating		8	8	

			N	laintenance l	Recommend	ations						
Inspector Recommendations	Year	Inspec	tor Comments			Department Co	ommen	ts		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL												
REPAIR/SEAL CURBS												
PATCH DECK												
OVERLAY DECK												
STRAIGHTEN/REPLACE MEMBERS												
WASHING												
SHOTCRETE REPAIRS												
CORE TIMBER CAPS/CORBELS												
REPAIR/REPLACE TIMBER CAPS												
REPAIR ABUTMENT SCOUR/EROSIC	N											
PLACE ADDITIONAL RIP RAP												
REMOVE DRIFT ACCUMULATION												
INSTALL STRUTS												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION Structural Condition Rating (Last/No (%)	ow) 88.9/6	6.7	Sufficiency (%)	/ Rating (Las	t/Now)	71.9/62.6	Est	t. Repl. Yr	2048	Maint. Rec	qd. (Y/N)	No
Structural Condition Rating (Last/No	ow) 88.9/6	5.7	Sufficiency (%)	/ Rating (Las	t/Now)	71.9/62.6 Department Comments	Est	t. Repl. Yr	2048	Maint. Rec	qd. (Y/N)	No
Structural Condition Rating (Last/No (%) Special Comments for Next Inspection	ow) 88.9/6	5.7	Sufficiency (%)	/ Rating (Las	t/Now)	Department	Est	t. Repl. Yr		Maint. Red		No
Structural Condition Rating (Last/No (%) Special Comments for	ow) 88.9/6	5.7	Sufficiency (%)	/ Rating (Las	t/Now)	Department Comments	Est	t. Repl. Yr				No
Structural Condition Rating (Last/No. (%) Special Comments for Next Inspection Maintenance Reviewed By	ow) 88.9/6	5.7	Sufficiency (%)	/ Rating (Las	t/Now)	Department Comments	Est	t. Repl. Yr				No
Structural Condition Rating (Last/No. (%) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy	ow) 88.9/6	5.7	Sufficiency (%)	/ Rating (Las	t/Now)	Department Comments	Est	t. Repl. Yr				No
Structural Condition Rating (Last/No. Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action	ow) 88.9/6	5.7	Sufficiency (%)	/ Rating (Las		Department Comments		t. Repl. Yr				No
Structural Condition Rating (Last/No. Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action Previous Inspector's Name	Tim Davies	5.7	Sufficiency (%)	/ Rating (Las	Previous	Department Comments Date		t. Repl. Yr 26-Feb-2007				No
Structural Condition Rating (Last/No. 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		5.7	Sufficiency (%)	/ Rating (Las	Previous	Department Comments Date						No