	, ,					Brid	je Ins	pection						
Bridge File Numbe	File Number 77592 - 2 Bridge						F	Form Type			PCS			
Year Built/Year 2003/2003					L	Lot No.			4					
Supstr						Inspector Name				Owen Salava				
Bridge or Town Name NORDEGG							Ir	Inspector Class			BR CLS A			
Located Over CRIPPLE CREEK, 6.161.2.3, V ST				2.3, WAT	ERCR	5- A	Assistant Name							
Located On		734:16 C	1 51.463				A	Assistant Class						
Water Body CI./Ye							Ir	Inspection Date			02-Dec-2010			
Navigabil. Cl./Year	•						D	Data Entry By			Marcia Chavez			
Legal Land Location SW SEC 29 TWP 37 RGE 14					14 W5M		D	Data Entry Date			03-Jan-2011			
Longitude, Latitude		-115:58:1					R	Reviewer Name			John O'Brien			
Road Authority		Alberta T			Г)	Review Date				16-Dec-201	0			
Contract Main. Are		CMA18	ranoporta		• /	Dept. Reviewer Name			me	Chris Black				
Clear Roadway/Sk		8.9 / 15 c	lea (RHF	=)		Dept. Review Date				05-Jan-2011				
AADT/Year		60 / 2009		/			F	ollow-Up	Ву					
Road Classification		RLU-208												
Detour Length (km		150	2.00											
Allowable Load (t):	<u> </u>		28		Semi	Semi CS2 49			Train	CS	3 62		> On Criti	cal Spans
						002	<u> </u>						>Critical Member	
Design Loading:		CS7	50										> Primary Span	
				1		Posti	ng Info	ormation			1			
Required Load Pos	sting	(t)		Single				Semi				Truc	k Train	
Posted Loading (t)				Single				Semi				Truc	k Train	
Posted: La	ane	NB		At Junc	tion (Y/N)) No		In Advance (Y/N		N)	No	At Bridge (Y/N)		No
Posted:					· · · · · · · · · · · · · · · · · · ·									
20100.	ane	SB		At Junc	tion (Y/N)			In Adv	ance (Y/		No		ridge (Y/N)	No
		USB quired.		At Junc	tion (Y/N)			In Adv			No		ridge (Y/N)	No
	ot red	quired.	Yes	At Junc	tion (Y/N)			In Adv			No		ridge (Y/N)	No
Remarks N	ot red	quired.	Yes	At Junc	tion (Y/N)			In Adv			No		ridge (Y/N)	No
Remarks N Hazard Marker At	ot red	quired.	Yes	At Junc	tion (Y/N)			In Adv			No		ridge (Y/N)	No
Remarks N Hazard Marker At Remarks	ot red	quired.		At Junc) No	es (Lo	In Adv			No		ridge (Y/N)	No
Remarks N Hazard Marker At Remarks	ot red Bridg	quired.		At Junc) No	es (Loo				No		ridge (Y/N)	No
Remarks N Hazard Marker At Remarks Other Sign Types	ot red Bridg	quired.		At Junc) No					No		idge (Y/N)	No
Remarks N Hazard Marker At Remarks Other Sign Types Utility Attachments	ot red Bridg	quired.		At Junc) No	G	cated at)			No		ridge (Y/N)	No
Remarks N Hazard Marker At Remarks Other Sign Types Utility Attachments Telephone	ot red Bridg	quired.		At Junc) No	G	cated at) Gas	ance (Y/	N)	No		ridge (Y/N)	No
Remarks N Hazard Marker At Remarks Other Sign Types Utility Attachments Telephone Power	ot red Bridg	quired.		At Junc) No	G	cated at) Gas Junicipal	ance (Y/	N)	No		ridge (Y/N)	No
Remarks N Hazard Marker At Remarks Other Sign Types Utility Attachments Telephone Power Others	ot red Bridg	quired.		At Junc) No Utiliti	Proach	cated at) Gas /unicipal ?roblem (`) Road	ance (Y/	N)			ridge (Y/N)	No
Remarks N Hazard Marker At Remarks Other Sign Types Utility Attachments Telephone Power Others Remarks	ot red Bridg	quired.		At Junc	La) No Utilitit	G M P roach bw E	cated at) Gas /lunicipal Problem (\ Road Explanation	Ance (Y/	N)	ion	At Br		
Remarks N Hazard Marker At Remarks Other Sign Types Utility Attachments Telephone Power Others Remarks Horizontal Alignme	ot rec Bridg	quired.		At Junc	La) No Utiliti	G M P Droach Dow E 6 C	cated at) Gas /unicipal Problem (` Road Explanatic Curve in b	Ance (Y/	N)	ion s. Crest curve	At Br	North, limite	d sight
Remarks N Hazard Marker At Remarks Other Sign Types Utility Attachments Telephone Power Others Remarks	ot rec Bridg	quired.		At Junc) No Utilitit	G M P Proach Dw E 6 C c d	cated at) Gas /unicipal Problem (` Road Explanatic Curve in b	Ance (Y/	N)	ion s. Crest curve ished out - pl	At Br		d sight
Remarks N Hazard Marker At Remarks Other Sign Types Utility Attachments Telephone Power Others Remarks Horizontal Alignme	ot rec Bridg	quired.		At Junc) No Utilitit st N 6	G M P Proach Dw E 6 C c d	cated at) Gas /unicipal Problem (` Road Explanati Curve in b listance. N	Ance (Y/	N)	ion s. Crest curve ished out - pl	At Br	North, limite	d sight
Remarks N Hazard Marker At Remarks Other Sign Types Utility Attachments Telephone Power Others Remarks Horizontal Alignment Vertical Alignment Roadway Width (m	ot rec Bridg	quired.	Curve	At Junc) No Utilitit st N 6	G M P Proach Dw E 6 C c d	cated at) Gas /unicipal Problem (` Road Explanati Curve in b listance. N	Ance (Y/	N)	ion s. Crest curve ished out - pl	At Br	North, limite	d sight
Remarks N Hazard Marker At Remarks Other Sign Types N Utility Attachments N Telephone Power Others Remarks Horizontal Alignment N Vertical Alignment Roadway Width (m Approach Bump N	ot rec Bridg	quired.	Curve	At Junc		No Utilitit St N 6 6	roach bw E 6 C 6 V	cated at) Gas /unicipal Problem (` Road Explanati Curve in b listance. N	Ance (Y/	N)	ion s. Crest curve ished out - pl	At Br	North, limite	d sight
Remarks N Hazard Marker At I Remarks Other Sign Types Utility Attachments Telephone Power Others Remarks Horizontal Alignment Roadway Width (m Approach Bump Guardrail (Y/N)	ot rec Bridg	quired.	Curve	At Junc		No Utilitit St N 6 6	roach bw E 6 C 6 V	cated at) Gas /unicipal Problem (` Road Explanati Curve in b listance. N	Ance (Y/	N)	ion s. Crest curve ished out - pl	At Br	North, limite	d sight
Remarks N Hazard Marker At Remarks Other Sign Types Utility Attachments Telephone Power Others Remarks Horizontal Alignment	ot rec Bridg	quired.	Curve	At Junc		No Utilitit St N 6 6 N	roach bw E 6 C 6 V 6 7	cated at) Gas Aunicipal Problem (` n Road Explanatio Curve in b Listance. N Vashed of	Ance (Y/	N)	ion s. Crest curve ished out - pl	At Br	North, limite	d sight
Remarks N Hazard Marker At I Remarks Other Sign Types Utility Attachments Telephone Power Others Remarks Horizontal Alignment Roadway Width (m Approach Bump Guardrail	ot rec Bridg ; ent n)	quired. le (Y/N)	Curve Curve 7.000 Yes	At Junc		No Utilitit St N 6 6 N	roach bw E 6 C 6 V 6 7	cated at) Gas Aunicipal Problem (` n Road Explanatio Curve in b Listance. N Vashed of	Ance (Y/	N)	ion s. Crest curve ished out - pl	At Br	North, limite	d sight
Remarks N Hazard Marker At I Remarks Other Sign Types Utility Attachments Telephone Power Others Remarks Horizontal Alignment Roadway Width (m Approach Bump Guardrail Length (m) Current Standard	ent h)	quired. le (Y/N)	Curve Curve 7.000 Yes 22.500			No Utilitit St N 6 6 N	roach bw E 6 C 6 V 6 7	cated at) Gas Aunicipal Problem (` n Road Explanatio Curve in b Listance. N Vashed of	Ance (Y/	N)	ion s. Crest curve ished out - pl	At Br	North, limite	d sight
Remarks N Hazard Marker At I Remarks Other Sign Types Utility Attachments Telephone Power Others Remarks Horizontal Alignment Roadway Width (m Approach Bump Guardrail Length (m)	ent h)	quired. le (Y/N)	Curve Curve 7.000 Yes 22.500 Yes			No Utilitit St N 6 6 N	roach bw E 6 C 6 V 6 7	cated at) Gas Aunicipal Problem (` n Road Explanatio Curve in b Listance. N Vashed of	Ance (Y/	N)	ion s. Crest curve ished out - pl	At Br	North, limite	d sight

Superstructure									
Bridge Com	ponent			Last	Now	Explanation of Condition			
(Primary Spa	n : SC, 3 Spa i	ns, Lengths	(m): 8-8-8, A-lo	lent Nu					
Special Feat	ures								
Special Feature					X				
(Type :)	(Туре :)					_			
Special Featu	ure				X				
(Type :)									
Wearing Surf	Wearing Surface/Deck Top Detail Ratings								
	N (%)	1 (%)	2 (%)	3 (%) 0		Snow covered.			
Last	100	0	0			_			
Now	N 100.0 0.0 0.0			0.0					
Wearing Surf	ace			N	N				
(Material Ty	ype:)					_			
(Thickness	(mm) :)					_			
Lateral Conn (Y/N)	ection Problen	n							
Deck Top				N	N	Snow covered.			
Deck Rideab	ility			6	6				
Deck Joints				N	N	Snow covered.			
Bump (Y/N)	No			-				
Deck Drainag	je			Х	X	No deck drains.			
Drains Clog	gged (Y/N)	No							
Curbs/Media	n			N	N	snow covered			
(Curb Type	: Standard)					_			
Scaling (Pe	ercent Area)								
Bridge Rail				7	7	Thrie beam.			
(Type : GA	LVANIZED ST	FEEL THRIE	BEAM)		-	155 x 155 HP			
Bridge Rail P	osts			7	7	_			
(Type : GA STEEL)	LVANIZED PO	DST STEEL	GALVANIZED	POST					
Bridge Rail/P	osts Coating			7	7				
(Type : GA	LVANIZED)								
Sidewalk				X	X				
Girder Detail	Ratings								
	N (count)	1 (count)	2 (count)	3 (cou	unt)				
Last	0	0	0		0				
Now	0	0	0	0					
Girders				8	8				
Last Complet	Last Complete Inspection Date 02-Dec-2010								
Cracking (Y/N) No									
Spalling (Percent Area) 0									
Lift or Connector Pocket Yes Grouted (Y/N)									
(Number Of (Girders : 24)								
Span Alignm	nent Problems	S							
Vertical (Y/	N)	No							
Horizontal	(Y/N)	No							
Superstruct	ure General R	ating		7	8				

Alberta Transportation

					Subst	ructure
Bridge Com	ponent			Last	Now	Explanation of Condition
Abutments						
(Extended	Backwall Piles	s (Y/N) : Y)			310 x 94 HP	
(Extended	Backwall Piles	s Spacing(mm) : 1600)			
	er of Caps/Co	· · · · · ·			_	
Bearing Seat	ts/Caps/Corbe		gs		_	
	N (count)	1 (count)	2 (count)	3 (cou	unt)	_
Last	0	0	0		0	_
Now	0	0	0		0	_
Bearing Sea	ts/Caps/Corbe	ls		8	8	_
(Type : STEEL)						_
(Depth(mm	n) : 310)					_
(Width(mm	n) : 310)					
Backwalls/Br	reastwalls			8	8	Old timber backwall in front of N abut.
Greatest H	leight (m)	3.85				
Wingwalls				8	8	
	an of Data in t					
	er of Bearing I	-lies : 6:6)				-
Piles Detail F		1 (00:001)	2 (001101)	2 /00	unt)	-
Last	N (count)	1 (count)	2 (count)	3 (cou		-
		0	0	_	0	-
Now	0	0	0	_	0 7	-
Piles	~			7 X	7	Galvanized.
Paint/Coating	g			^	'	
Abutment St	ability			8	8	
Scour/Erosic	on			8	8	
Piers/Bents					-	
	ER-COLUMN)					Double wide 310 x 94 HP.
	er of Caps/Co	rbels : 1:1)				
	ts/Caps/Corbe	· · · · · ·	as			
	N (count)	1 (count)	2 (count)	3 (cou	unt)	-
Last	0	0	0		0	
Now	0	0	0	_	0	1
	ts/Caps/Corbe	1		X	8	1
(Type : ST				-		1
(Depth(mm	· · · · · · · · · · · · · · · · · · ·					1
(Width(mm	· · · · · · · · · · · · · · · · · · ·					1
	er of Bearing I	Piles : 6:6)				
Piles Detail F		,				1
	N (count)	1 (count)	2 (count)	3 (cou	unt)	1
Last	0	0	0		0	1
Now	0	0	0	_	0	1
Pier Shaft/Pi				X	8	1
Greatest Height (m) 3.85						1
Bracing/Stru	- · ·	0.00		X	8	
Nose Plate				X	8	
						Ochurciand
Paint/Coating	-			X	8	Galvanized.
	escription :)				-	
(Colour Co	ode:)					

Alberta Transportation

			ructure	
Bridge Component	Bridge Component			Explanation of Condition
Pier Stability			8	
Scour			8	
Debris (Y/N)	(Y/N) No			
Substructure General Rating			7	
		s	Structu	re Usage
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment		8	8	
Bank Stability		7	7	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	Yes			
Slope Protection		5	7	
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs			X	
Adequacy of Opening			7	
(Fish Compensation Measure 1	: NONE)			
(Fish Compensation Measure 2	: NONE)			
Channel General Rating		7	7	

Maintenance Recommendations											
Inspector Recommendations	Y	/ear	Inspector Comments		Department Co	mmen	ts		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/EROSIC	DN										
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
INSTALL STRUTS											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/Now) (%)		7.8/83.3	3 Sufficiency Rating (Last/N (%)	low) 7	/5.9/78.4	Est	t. Repl. Yr	2060	Maint. Rec	ld. (Y/N)	No
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 Rob Stehr				Previous Assistant's Name							
Next Inspection Date	02-Mar-2	2-Mar-2014 Previous Inspection Date 17-Dec-2006									
Inspection Cycle (Default) (months)	39										
Comment											