						:	Bridge II	nspectior							
Bridge File Number 78268 -1 Bridge								Form Type				PCS			
Year Built/Year 1990/1990 Supstr								Lot No.				3			
Bridge or Towr	Namo	NORDE	GG					Inspector Name				Owen Salava			
Located Over	Indifie		ARY TO S			66	8	Inspector Class				BR CLS A			
Localed Over		WATER			- CR, 0.1	00.	.0,	Assistant Name							
Located On		734:20 0	01 3.855					Assistant Class							
Water Body Cl.	./Year							Inspection Date			03-Dec-201	-			
Navigabil. Cl./Y	rear							Data En	-	•		Marcia Chavez			
Legal Land Loo	cation	SE SEC	SEC 6 TWP 41 RGE 15 W5M						Data Entry Date			03-Jan-2011			
Longitude, Lati	itude	-116:08:	31, 52:29	:60				Reviewer Name			John O'Brien				
Road Authority	/	Alberta -	Fransport	ation (Al	T)			Review Date				16-Dec-201	0		
Contract Main.	Area	CMA18						Dept. Re			me				
Clear Roadway	y/Skew	7.6 / 0 d	eg.					Dept. Re				05-Jan-201	1		
AADT/Year		180 / 20	09 (A)					Follow-L	Jp E	Зу					
Road Classifica	ation	RCU-20	. ,												
Detour Length	(km)	220													
Allowable Load	<u> </u>	ngle CS	1 28		Semi		S2 49		-	Train	CS	3 62		> On Critical Spans >Critical Member	
Dealers I			00												
Design Loadin	g:	MS	23			Б	oting	nformatio						> Primary	Span
Required Load	Posting	1 (t)		Single		P	osung li	nformatio					True	k Train	
Posted Loading		j (l)	Single					Semi				Truck Train Truck Train			
Posted Loading		NB		Single		1)	No	Semi				No	At Bridge (Y/N)		No
Posted:	Lane Lane	SB			· · · ·	<i>.</i>	No No		In Advance (Y/N) In Advance (Y/N)			No No	At Bridge (Y/N)		No
		e SB At Junction			•							nuge (1/N)	INU		
Remarks				≝ ⊓wy I	T JCL (INE	s) -	not for t	nis bridge							
Hazard Marker At Bridge (Y/N)		ge (Y/N)													
Remarks		At varying heights.							- L - 11						
Other Sign Types Narrow Bridge, Curv			Curve 4:			Located a		D signs.							
Utility Attachme	onte					U	innes (i		al)						
Telephone								Gas							
Power	3 wire	es 50m So	outh of bri	dae				Municipa	21						
Others	5 wife	53 5011 50		սус.				Problem (Y/N) No							
Remarks									1 (17		,				
Kemarka							Annroa	ich Road							
					L	ast		Explana		n of Co	ndif	tion			
Horizontal Alig	nment					3	3	Sharp curve immediate					oridae	, signed with	45km/hr. Hill t
Vertical Alignm						6	6	North.							
Roadway Widtl			7.400				-	(Old win	(Old wingwall at SE corner starts inside guardrail			uardrail leavi	ng hole -		
Approach Bum	. ,		1.100			4	5	photo.				•			
	•		N									0 71		ius. 23190920	00).
Guardrail (Y/N))		Yes			4	NI	Not eno	Approach rail too short & no blocking. Not enough posts at bridge. Dirty. 25Nov2005).						
Guardrail			7 200			4	N	SE turno	SE turndown end too high - pho Snow covered.		igh - photo.				
Longth (m)			7.200						2001	cu.					
Length (m)	dard (V/	IN)	No					-							
Current Stan			TUDNE												
Current Stan		/	TURNE	OWN		F	F								
Current Stan		/	TURNE	OWN		5	5								

						structure			
Bridge Comp						Explanation of Condition			
(Primary Spa	n : SM, 1 Sp a	ans, Lengths(m): 6, A-Iden	Numbe	er:)				
Special Feat					1				
Special Featu	ire				X				
(Type :)						_			
Special Featu	ire				X				
(Type :)									
Wearing Surfa	ace/Deck Top	Detail Rating	S						
	N (%)	1 (%)	2 (%)	3 (%)		Snow covered.			
Last									
Now	100.0	0.0	0.0	0	.0				
Wearing Surf	ace			X	X				
(Material Ty	/pe:)								
(Thickness)	(mm) :)								
Lateral Conne (Y/N)	ection Proble	m No							
Deck Top				5	N	(Partially gravel covered - abraided by gravel where visible - photo. 25Nov2005). Snow covered.			
Deck Rideabi	lity			7	7				
Deck Joints				N	N	Buffer angles - snow covered.			
Bump (Y/N)		No							
Deck Drainag	le			6	6	No deck drains.			
Drains Clog		No				Still has adequate drainage - drains to South.			
Curbs/Median					N	Snow covered.			
	: Standard)			6					
Scaling (Pe	· · · · · · · · · · · · · · · · · · ·	0							
Bridge Rail				4	5	Single layer.			
		TEEL FLEX B			0				
Bridge Rail P				2	5	Dirty.			
		OST STEEL;0			5	Sity.			
STEEL)									
Bridge Rail/P	osts Coating			7	7				
(Type : GA	LVANIZED)								
Sidewalk				X	Х				
Girder Detail	Ratings								
	N (count)	1 (count)	2 (count)	3 (cou	int)				
Last									
Now	0	0	0		0				
Girders				7	7	New SM units 1990.			
Last Complet	e Inspection	Date 03-De	c-2010			Staining between units, worst between G1 / G2 with photo showing btwn G6/G7.			
Cracking (Y/N) No									
Spalling (Pe	ercent Area)	0							
Lift or Conne Grouted (Y/N	ctor Pocket	Yes							
(Number Of C	Girders : 7)								
Span Alignm	ent Problem	IS							
Vertical (Y/	N)	No							
Horizontal (Y/N)	No							
Superstructu	ure General I	Rating		3	7				
		-							

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

					Subst	ructure
Bridge Com	ponent			Last	Now	Explanation of Condition
Abutments						
(Extended	Backwall Piles	s (Y/N) : N)				Ext piles used to support cap, but only partially - photo. (New 1990)
(Extended	Backwall Piles	s Spacing(mn	n) :)			
(Total Numbe	er of Caps/Co	rbels : 1:1)				Various thickness of plywood shim between cap / piles. Caps are short and bear on inside half of exterior piles, all corners.
Bearing Seat	s/Caps/Corbe	ls Detail Rati	ngs		Caps are short and bear on inside half of exterior piles, all corners.	
	N (count) 1 (count) 2 (count)					_
Last						-
Now	0	0	0		0	-
	s/Caps/Corbe			4	4	
	EATED TIMB	ER)				-
(Depth(mm						-
(Width(mm	, ,				1	
Backwalls/Br				6	6	
Greatest H	eight (m)	1.80				
Wingwalls				4	6	
(Total Numbe	er of Bearing I	Piles : 7:7)				A1 P3,4 checking or splitting at base.
Piles Detail R	U					
	N (count)	1 (count)	2 (count)	3 (cou	int)	
Last						
Now	0	0	0		0	_
Piles				4	4	
Paint/Coating	9			X	X	
Abutment Stability			6	6	All piles anchored except East end pile at both abutments (strutted).	
Scour/Erosion				5	5	
Piers/Bents						
(Type :)						
	er of Caps/Co	rbels :)				
· · · · · · · · · · · · · · · · · · ·	s/Caps/Corbe		ngs			
	N (count)	1 (count)	2 (count)	3 (cou	int)	
Last						
Now						_
Bearing Seat	s/Caps/Corbe	els		X	X	_
(Type :)						-
(Depth(mm						-
(Width(mm						
· ·	er of Bearing I	Piles :)				-
Piles Detail R						-
	N (count)	1 (count)	2 (count)	3 (cou	int)	-
Last						-
Now				V	v	-
Pier Shaft/Pil				X	X	-
Greatest Height (m) Bracing/Struts/Sheathing			5	5	Strut between East end piles. 1 strut only.	
Nose Plate				x	x	
Paint/Coating				X	X	-
(Colour De						-
	de·)					
(Colour Co Pier Stability				X	X	

Alberta Transportation

			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Scour	Scour			
Debris (Y/N)	No			
Substructure General Rating			4	
		S	Structu	re Usage
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				45 degree immediately East & 90 degree bend immediately West.
(D/S Direction : E)				
Alignment			4	
Bank Stability		7	7	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	Yes			
Slope Protection		7	7	
(Type : NATURAL; NATURAL	_)			
Guidebank/Spurs		X	X	
Adequacy of Opening			5	
(Fish Compensation Measure 1	: NONE)			
(Fish Compensation Measure 2	: NONE)			
Channel General Rating		4	4	

		N	laintenance Recommend	lations					Ļ
Inspector Recommendations	Year	Inspector Comments	3	Department Com	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/EROSIC	ON								
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION	2011	Remove log across o done.	channel - West side, if not						
INSTALL STRUTS									
OTHER ACTION	2011	Install approach rail t NW post, if not done	to standards, replace split						
OTHER ACTION	2011	Reinstall hazard mar	kers to standard.						
OTHER ACTION	2011	Remove windrow un	der guardrail, if not done.						
OTHER ACTION	2011	Install creek ID signs							
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
Structural Condition Rating (Last/No (%)	ow) 38.9/6	I.1 Sufficiency (%)	y Rating (Last/Now)	36.2/49.3	Est. Repl. Yr	2030	Maint. Red	qd. (Y/N)	Yes
Special Comments for Next Inspection				Department Comments			'		
Maintenance Reviewed By		Date		E	Estimated Total	0			
Proposed Long-Term Strategy	2005.01.10 Br	idge in good condition.	Structurally ok until 2040.	Road work may nee	cessitate replacen	nent (new a	alignment).		
On 3-Year Program (Y/N)									
Proposed Action									
Previous Inspector's Name	Dave Lam		Previous	Assistant's Name					
Next Inspection Date	03-Mar-2014		Previous	Inspection Date	25-Nov-2005	5			
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Comment