							Bridge	Insp	ection							
Bridge File Num	dge File Number 85015 -1 Bridge					J	Fo	Form Type			SG	SG				
Year Built/Year		2005/200	05					Lo	Lot No.			3	3			
Supstr								- Ins	pector I	Name)	Wade Nanninga				
Bridge or Town	Name							Ins	Inspector Class			BR CLS A				
Located Over			216:06 R1 8.263;216:06 L1 8.30					As	Assistant Name							
Located On			LEGAR D			2 L 1 ().875	As	sistant (Class	i					
Water Body Cl./	Year	0.987;TERWILLEGAR DRIVE:0					7.070	Ins	pection	Date)	26-Feb-2013	3			
Navigabil. Cl./Ye								Da	ta Entry	⁄ Ву		Theresa Lac	usta			
Legal Land Loca		SE SEC	34 TWP	51 RGF	25 W	 4М		Da	ta Entry	Date	Э	13-Mar-2013	3			
Longitude, Latitu			04, 53:26		20 11	1141		Re	viewer l	Name	Э	Eric Carcoux	<			
Road Authority	140		ransporta		IT)			Re	view Da	ate		11-Mar-2013	3			
Contract Main. A	rea		NY HEND					De	pt. Revi	iewer	Name	Brent Herric	k			
Clear Roadway/		20.8 /	** ***	, () D ()	· –			De	pt. Revi	iew D	ate	20-Mar-2013	3			
AADT/Year	<u> </u>	20.07						Fo	llow-Up	Ву						
Road Classificat	ion	UAU-412	2 2-80													
Detour Length (F		10	00													
Allowable Load (- i				Sem	i				Trai	n			> On Critic	cal Spans Jember	
Design Loading:														> Primary		
g and g						P	ostina	Infor	mation					1		
Required Vert. C	learan	nce Postin	g (m)				J									
Posted Vertical (<u> </u>	Yes												
Posted: Lane	EB	On B	ridge (m)	6.1	In Adv	/ance	(Y/N)	No	Lane	WE	3 (On Bridge (m)	6.1	In Advance	(Y/N) No	
Remarks		'					,							'		
Required Load F	osting	(t)		Single					Semi				Truc	k Train		
Posted Loading				Single					Semi			Truck Train				
Posted:	Lane	WB		At Jun	ction (Y/N) No			In Advance (Y/N)		No	At Bridge (Y/N)		No		
Posted:	Lane	EB		At Jun			/N) No		In Advance (Y/N)		No		ridge (Y/N)	No		
Remarks	CL800	0 design l	oad. Post	ing not	require	ed.					` ,	'				
Hazard Marker A	At Bride	ae (Y/N)	Yes													
Remarks	•	<u> </u>														
Other Sign Type	s															
9 71						Ut	ilities	(Loca	ated at)							
Utility Attachmer	nts															
Telephone								Ga	ıs							
Power	HT 11	wires ov	er North a	approac	h. Stre	et ligh	nts.	Мι	ınicipal							
Others	Traffic	cameras	S.					Pro	oblem (\	Y/N)	No					
Remarks																
							Appro	oach I	Road							
						Last	Nov	/ Ex	planatio	on of	Cond	lition				
Horizontal Aligni						8	8	_								
Vertical Alignment			8	8												
Roadway Width (m) 20.800																
Approach Bump			6	7												
Guardrail (Y/N) Yes																
Guardrail			8	8												
Length (m) 45.000																
Current Standa		N)	Yes													
Termination Ty	/pe		Fleat													
Drainage						4	N	Ere	osion gu	ıllies	to 1m	deep SW side	phot	o-29-Apr-201	1	
Approach Road General Rating			g			8	8									

				5	Supers	tructure			
Bridge Component				Last		Explanation of Condition			
(Primary Span : WG, 2 Spa	ans, Leng	ths(m): 46-46, A-lo	dent N	umber:	: A1689-01)			
Special Features									
Special Feature					Х				
(Type:)									
Special Feature					Х				
(Type:)									
Wearing Surface/Deck Top Detail Ratings									
N (%)	1 (%)		2 (%)	3 (%)					
Last	()		(**)	(**)					
Now									
Wearing Surface				6	6	Random longitudinal and transverse cracks in ACP.			
(Material Type : ACP)						Trained in the state of the sta			
(Thickness(mm) : 80)									
Deck Top				N	N				
Deck тор				IN	IN .				
Deck Rideability				8	8				
Deck Joints				8	4	Grout along paving lip - crack repairs.			
Temperature (deg. C)	-5					1 missing snow plow deflector @ N.			
(Expansion Type : GLAN	D (WABC	D-MAU	ER, TRANS	FLEX,	ETC))				
(Fixed Type :)									
Gap Size (mm) Gap Location									
60 North abutment									
65 South ab			butment						
Deck Drainage				8	3	No drain. 2 inch drain tube @ NE missing allowing water to drain			
Drains Clogged (Y/N)	No)				onto abutment seat.			
Curbs/Median				7	7	Narrow cracks on top of curb at 1m o/c.			
(Curb Type : SINGLE SL	OPE CON	NCRET	E BARRIER	?)					
Scaling (Percent Area)	0								
Bridge Rail				Х	Х				
(Type:)									
Bridge Rail Posts				Х	X				
(Type:)									
Bridge Rail/Posts Coating				Х	X				
(Type:)									
Sidewalk			Х	Х					
Sidewaik				^	_ ^				
Girder/Beam									
Cover Plate				Х	Х				
Flange				9	9				
Web				9	9				
Stiffeners				9	9				
Splice				9	9				
Weld				9	9	1			
Diaphragms/Cross Frame				9	9				

	Superstructure							
Bridge Component		Last	Now	Explanation of Condition				
(Primary Span : WG, 2 Spans, L	engths(m): 46-46, A-I	dent N	umber					
Paint Condition		9	9	Weathering steel.				
(Colour Description :)								
(Colour Code :)								
Touchup Required (Y/N) No								
Bearings		9	9					
Temperature (deg. C)	-5							
(Expansion Type : REINFORC	ED PAD BEARING)							
(Fixed Type : REINFORCED P	AD BEARING)							
Coating Adequate (Y/N)	Yes							
Functioning (Y/N)	Yes							
Deck Underside		8	8	Cracks with deffloresence extending from curb construction joints.				
Stains (Percent Area)	1							
Span Alignment Problems								
Vertical (Y/N)	No							
Horizontal (Y/N)	No							
Superstructure General Rating		8	8					
			Outest					
Bridge Component		Last	Now	ructure Explanation of Condition				
Abutments		Lasi	INOW	Explanation of Condition				
Bearing Seats/Caps		9	7	Staining/narrow cracking at corners where drain tubes extend down.				
(Type : CONCRETE)			'	Chairing harrow orderling at corners where drain tabes extend down.				
Backwalls/Breastwalls		8	8					
Backwaiis/Breastwaiis								
Wingwalls			8					
Diles		V	N.					
Piles		X	N					
Paint/Coating		8	8					
Abutment Stability		9	9					
Scour/Erosion		4	4	Erosion gullies & settlement along abutments and down SW headslope - photo2Apr-2011 Heaving headslopes				
Piers/Bents								
(Type : PIER-COLUMN)								
Bearing Seats/Caps		9	9					
(Type : CONCRETE)								
(Total Number of Bearing Piles :	4)			Hairline map cracking.				
Pier Shaft/Piles		9	8					
Bracing/Struts/Sheathing		X	X					
Nose Plate			Х					
Paint/Coating			8	Cream.				
(Colour Description :)								
(Colour Code :)								
Pier Stability		9	9					
Scour		Х	Х					
Debris (Y/N)	No							

Substructure								
Bridge Component			Now	Explanation of Condition				
Substructure General Rating			7					
			tructu	re Usage				
		Last	Now	Explanation of Condition				
Grade Separation								
Road Alignment		9	9					
Traffic Safety Features			9	Guardrail on median side.				
Туре	Lighting							
Slope Protection		5	4	Local settlement on slope & cast block settled & uneven.				
(Type : CONCRETE; CONCRE	ETE)			Type: Concrete Lock Blocks200mm gap at abutments.				
Bank Stability			7					
Drainage			7					
Grade Separation General Rati	ing	5	4					

85015 -1 Bridge

Bridge Inspection & Maintenance System (Web 2005)

				Maintenance Recom	nmendations						
Inspector Recom	mendations	Year	Inspec	or Comments	Department Co	omments	5		Target Year	Est. Cost	Cat #
REPAIR/REPLAC	E BRIDGE RAIL										
GALVANIZE/PAII	NT BRIDGE RAIL										
RETROFIT BRID	GE RAIL										
SEAL CURBS											
PATCH DECK											
SEAL DECK											
OVERLAY DECK											
REPAIR/REPLAC	E DECK JOINTS										
RESET/ PAINT B	EARINGS										
REPAINT SUPER	RSTRUCTURE										
STRAIGHTEN/RE	EPLACE MEMBERS										
WASHING											
SHOTCRETE RE	PAIRS										
REPAIR ABUTM	ENT SCOUR/EROSI	ON									
PLACE ADDITIO	NAL RIP RAP										
REMOVE DRIFT	ACCUMULATION										
OTHER ACTION		2013	Repair wingwa	trough drains & erosion along SW ıll, if not done.	'						
OTHER ACTION		2013		50mm PVC pipe - 3m long @ NE.							
OTHER ACTION		2013	Install	1 plow deflector @ N.							
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Cond (%)	tion Rating (Last/N	ow) 88.9/8	33.3	Sufficiency Rating (Last/Now)	70.7/67.5	Est.	Repl. Yr	2080	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection	Monitor movement	of lock blocks	in headslo _l	pes.	Department Comments						
Maintenance Rev	iewed By				Date			E	Estimated Total	0	
Proposed Long-T	erm Strategy										
On 3-Year Progra	am (Y/N)										
Proposed Action	,										
Previous Inspecto	or's Name	Kris Bosters		Pre	evious Assistant's Name	e					

Bridge Inspection & Maintenance System (Web 2005)

Alberta Transportation

5)			

85015 -1 Bridge

Next Inspection Date	26-Nov-2014	Previous Inspection Date	29-Apr-2011
Inspection Cycle (Default) (months)	21		
Comment			