								Bridge	Inspe	ection							
Bridge File Number 75760 S-6 Bridge					J			Form Type			SG						
Year Built/Year 2008/200										Lot No.			2				
Supstr									Ins	pector I	Name		Shane Hall				
Bridge or Town Name BREMNER			INIED						Inspector Class			BR CLS A					
Located Over 16:18 L1 7.323;1					16.10 D1 7 317					Assistant Name			, , , , , , , , , , , , , , , , , , , ,				
Located On 21:28 L1 13.707								Assistant Class									
Water Body Cl./Year									Ins	Inspection Date			04-Jan-2013				
Navigabil. Cl./Year										Data Entry By			Theresa Lac	usta			
Legal Land Location NE SEC			EC 1	12 TWP 53 RGE 23 W4M						Data Entry Date			05-Feb-2013				
Longitude, Latitude -113:14:4			14:48	48, 53:34:11						Reviewer Name			Eric Carcoux				
Road Authority		Alber	rta Tra	ansporta	ation (Al	T)			Re	view Da	ate		10-Jan-2013				
Contract Main. A	Area	СМА	.09						De	pt. Revi	iewer N	lame	Brent Herrick	·			
Clear Roadway/	Skew	16.6	/ 2 de	eg. (RHF	-)					pt. Revi			14-Feb-2013				
AADT/Year		10,77	70 / 2	011 (A)						low-Up							
Road Classificat	ion	RAD-	-412.4	4-120							,						
Detour Length (km)	1													I		
Allowable Load	(t): Sin	igle (CS1 2	28		Semi	С	S2 49			Train	CS	3 62		> On Critic	al Spai	ns
Design Loading			CL 00	.0													
Design Loading:		- 1	CL80	0			Р	ostina	Infor	mation					> Primary	Span	
Required Vert. (learar	nce Po	etina	ı (m)	UNDEF	2· 16 l ·											
Posted Vertical				(111)	Yes	V. 10 L	1 0.0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(1 0.0	,,,,,							
Posted: Lane	EB			dge (m)		(Y/N)	Yes	Yes Lane W			On Bridge (m)		In Advance (Y/N) Ye		Yes		
Remarks		-		ed North				(1/14)	1.00	Larie	, , , , ,		in Bridge (iii)		III / lavarioo	(1/11)	100
Required Load F			loodic	34 140141	Single	oti aotai	laro.			Semi			Truck Train				
Posted Loading		(1)			Single					Semi				Truck Train			
Posted:	Lane	NI						No			In Advance (Y/N)		No			No	
Posted:	Lane		NB At Junction (Y						In Advance (Y/N)		No			No			
		,			ilon (i	/1N)	INU		minavance (1/14)			INO	רנ טו	iuge (1/14)	INO		
Remarks Not required. Hazard Marker At Bridge (Y/N) No																	
Remarks	AL DIIU	ge (1/i		Not req	uirad												
Other Sign Type	·				rmation												
Other Olgit Type	,3			5.3m Cl	earance	for Ov	erpa	ss to S	outh.								
							U	tilities	(Loca	ted at)							
Utility Attachme	nts																
Telephone	NW a	nd So	uth.						Ga	s	North approx 100m.			١.			
Power	3 OH	lines 1	North	. Street	lights.				Mu	Municipal							
Others	Unde	rbridge	e light	ts.				Pro	Problem (Y/N) No								
Remarks																	
								Appro									
							Last			Explanation of Condition Grade separation alignments with merging on/off ramps.							
Horizontal Align								7	_ Gra	ade sep	aration	align	ments with m	ergin	g on/off ramps	i.	
Vertical Alignment				7	7												
Roadway Width (m) 17.200																	
Approach Bump				8	8	-											
Guardrail (Y/N) Yes						Sn	ow cov	ered.									
Guardrail				9	N												
Length (m) 34.200																	
Current Standard (Y/N) Yes																	
	Termination Type crash end																
Drainage					9	9											
Approach Road	d Gene	ral Ra	ating				7	7									

Superstructure								
Bridge Com	ponent				Last	Now	Explanation of Condition	
(Primary Spa	n : WG, 2 Spa	ıns, Leng	ths(r	n): 38.65-38	umber:)			
Special Feat	ures							
Special Feat	ure					X		
(Type:)								
Special Feat	ure					Х		
(Type:)								
	ace/Deck Top	Detail Ra	atings					
	N (%)	1 (%)		2 (%)	3 (%)			
Last								
Now								
Wearing Surf	face	•			9	8		
(Material T					-			
(Thickness								
Deck Top	()				N	N		
Dook Top						'*		
Deck Rideab	ility				9	9		
Deck Joints					9	9		
Temperatu	re (deg. C)	2						
· ·	Type : GLAN	D (WABC	D-MA	UER, TRAN	ISFLEX,	ETC))		
(Fixed Type		•						
	Gap Size (mm) Gap Location							
78								
77								
Deck Drainag	ge	<u> </u>			8	N	Snow covered.	
Drains Clo		Ye	es					
Curbs/Media					9	N	Snow covered.	
	: Standard)				, ,			
	ercent Area)	0						
Bridge Rail					9	N	Snow covered.	
	LVANIZED ST	FFI RDI	IDGE	TURE)	9	IN	Onow covered.	
Bridge Rail P		LLL DIVI	.DUL	, ODL)	9	N		
	LVANIZED PO	OST STEI	EL;G	ALVANIZE		IN		
	osts Coating				9	N		
						- ' '		
(Type : GALVANIZED) Sidewalk					X	Х		
Girder/Beam	1							
Cover Plate					Х	Х		
Flange					9	9		
Web					9	9	-	
Stiffeners					9	9	-	
Splice					9	9	-	
Weld							-	
	·O				9	9		
Diaphragms/	Cross Frame				9	9		

			Supers	tructure					
Bridge Component			Now	Explanation of Condition					
(Primary Span : WG, 2 Spans, L	engths(m): 38.65-38.6	5, A-Ic	lent Nu	ımber:)					
Paint Condition		X	X	Weathering steel.					
(Colour Description :)									
(Colour Code :)									
Touchup Required (Y/N)	No								
Bearings		6	6	(Exterior bearings have slight bulging between reinforcement layers.					
Temperature (deg. C)	2			Pads are conflicting in exp or contractel positions indicating some are not sliding freely and may cause "roll distortion"26-Nov-2008)					
(Expansion Type : REINFORC	ED PAD BEARING)								
(Fixed Type : DISC BEARING)				Inspected from adjacent headslopes. Pier bearings viewed with binoculars.					
Coating Adequate (Y/N)	Yes								
Functioning (Y/N)	Yes								
Deck Underside		9	9						
Stains (Percent Area)	0								
Span Alignment Problems									
Vertical (Y/N)	No								
Horizontal (Y/N)	No								
Superstructure General Rating		6	6						
			Outest						
Bridge Component		Last	Now	Explanation of Condition					
Abutments		Lasi	INOW	Explanation of Condition					
Bearing Seats/Caps		9	9						
(Type : CONCRETE)									
Backwalls/Breastwalls		9	9						
Dackwane, Droactwane									
Wingwalls		9	9						
Piles		9	9						
Paint/Coating		9	9						
-									
Abutment Stability		9	9						
Scour/Erosion		9	9						
Piers/Bents									
(Type : PIER-COLUMN)									
Bearing Seats/Caps		9	9						
(Type : CONCRETE)									
(Total Number of Bearing Piles :	5)								
Pier Shaft/Piles		9	9						
Bracing/Struts/Sheathing		Х	Х						
Nose Plate		Х	Х						
Paint/Coating		9	9	Grey.					
(Colour Description :)									
(Colour Code :)									
Pier Stability		9	9						
Scour		Х	X						
Debris (Y/N)	Yes			Construction debris in ditches.					
Substructure General Rating		9	9						
				I and the second					

Structure Usage										
		Last	Now	Explanation of Condition						
Grade Separation										
Road Alignment			9							
Traffic Safety Features			9							
Type Guardrail										
Slope Protection		8	8	Top of NW corner has minor crack. Settled upto 30mm.						
(Type:)										
Bank Stability			8							
Drainage		4	N	Water ponding @ pier in medianphoto-23-Sep-2010						
Grade Separation General Ratio	ng	4	4	GR carried fwd from 23-Sep-2010						

75760 S-6 Bridge

			Maintenance Re	commend	ations					
Inspector Recommendations	Year	Inspecto	or Comments		Department Comm	nents		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL										
GALVANIZE/PAINT BRIDGE RAIL										
RETROFIT BRIDGE RAIL										
SEAL CURBS										
PATCH DECK										
SEAL DECK										
OVERLAY DECK										
REPAIR/REPLACE DECK JOINTS										
RESET/ PAINT BEARINGS										
REPAINT SUPERSTRUCTURE										
STRAIGHTEN/REPLACE MEMBERS										
WASHING										
SHOTCRETE REPAIRS										
REPAIR ABUTMENT SCOUR/EROSIG	ON									
PLACE ADDITIONAL RIP RAP										
REMOVE DRIFT ACCUMULATION										
OTHER ACTION	2013	Regrad drainage	e median ditch to provide po e, if not done.	sitive						
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/No (%)	ow) 83.3/83	.3	Sufficiency Rating (Last/f	Now)	64.0/63.8	Est. Repl. Yr	2083	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection					Department Comments					
Maintenance Reviewed By					Date		E	Estimated Total	0	
Proposed Long-Term Strategy										
On 3-Year Program (Y/N)										
Proposed Action										
Previous Inspector's Name	Shane Hall			Previous	Assistant's Name					

Bridge Inspection & Maintenance System (Web 2005)

Bridge Inspection & Maintenance System (Web 2005)

Alberta Transportation

Next Inspection Date	04-Oct-2014	Previous Inspection Date	23-Sep-2010
Inspection Cycle (Default) (months)	21		
Comment			