						E	Bridge I	nspe	ction							
Bridge File Numb	ber	76625 -1 Bridge						Form Type				PSR				
Year Built/Year		1974/1974						Lot No.				2				
Supstr								Inspector Name			Kris Bosters					
Bridge or Town N	ridge or Town Name GIBBONS							ector C			BR CLS A					
Located Over 28A:03 R1 14.250;28A:03 L1 14			3 L1 14.	246			istant Na									
Located On		28:02 R1	32.994					Ass	istant C	lass						
Water Body CI./Y	/ear							Inst	ection [Date		27-Mar-2012	2			
Navigabil. Cl./Ye	ar							· ·	a Entry I			Theresa Lac	usta			
Legal Land Loca	tion	NW SEC	14 TWP	56 RGI	E 23 ₩4	4M				-		04-Apr-2012				
Longitude, Latitu	de	-113:19:2	21, 53:50	:38					Data Entry Date 04-Apr-2012 Reviewer Name Eric Carcoux							
Road Authority		Alberta T	ransport	ation (A	IT)				Review Date 04-Apr-2012							
Contract Main. A	rea	CMA09							Dept. Reviewer Name		· · ·					
Clear Roadway/S	Skew	13.4 / -47	7 deg. (Lł	HF)					t. Revie			11-Apr-2012				
AADT/Year		5,360 / 2	011 (A)						ow-Up E		ie	11-Api-2012				
Road Classificati	ion	RAU-213	3.4-120						000-00	Jy						
Detour Length (k	(m)	3														
Allowable Load (t): Sing	gle CS1	28		Semi	C	S2 49		-	Train	CS	3 62		> On Criti >Critical M	cal Spa	ns
Design Loading:		HS2	25											> Primary		
g.		1.102				P	osting I	nforn	nation							
Required Vert. C	learan	ce Postin	g (m)	UNDE	R: 28A		3m, 28/									
Posted Vertical C			0 ()	Yes												
	NB		ridge (m)	5.3	In Adva	ance	(Y/N)	Yes	Lane	SB	0	n Bridge (m)	5.7	In Advance	e (Y/N)	Yes
	Sian c		• • •						arance" ·			gn as necessa				
Required Load P				Single		•					k Train					
Posted Loading (()		Single					Semi			Truck Train				
	Lane	EB				No	In Adva		nce (V/NI)	No	At Bridge (Y/N)		No		
	Lane	WB			ction (Y		No		In Adva			No		idge (Y/N)	No	
		8 Flyover	belled		· · · · ·		INO	[III Auva		1/11)	INO				
Hazard Marker A			No			ity.										
Remarks	NI DHUY		Not req	uirod												
Other Sign Type:	<u> </u>		Notreq	ulleu.												
Other Sight Type:	5					114	ilities (ocaí	(te hat							
Utility Attachmen	nts					01	innes (<u>-00a</u>	ieu aij							
Telephone								Gas								
	Fast r/	w., 2 wire	<u></u>													
Others	/	••••, ~ ••••	•				Municipal Problem (Y/N) No									
Remarks										••)						
Kennarko							Approa	ch P	oad							
						Last				n of C	Condi	tion				
Horizontal Alignn	nent		1			6	6	Explanation of Condition Overpass with on / off ramps. Curve to the East.								
Vertical Alignment				6	6	1	On top of crest curve.									
Roadway Width (m) 13.500							ACF	ACP is cracked and ravelled along abutment joints and approach					aches.			
Approach Bump				5	4	pho	photo Both approaches have settled about 150mm, creating a bur				••					
											ng at NW cor			ս ստոր	•	
Approach Bump						8	8	Onl	y SW ap	pro G	3/Ř ha	ve thriebeam	trans	sition.		
Approach Bump Guardrail (Y/N)							0	NW - 41.4m, SW - 91.2m (with thriebeam transition), NE & SE -					-			
Approach Bump Guardrail (Y/N) Guardrail			41 /00					I YY I	99.0m.					,,,		
Approach Bump Guardrail (Y/N) Guardrail Length (m)	ard (V/	NI)	41.400					99.0	Jm.							
Approach Bump Guardrail (Y/N) Guardrail Length (m) Current Standa		N)	No	Down				99.0	Jm.					,,		
Approach Bump Guardrail (Y/N) Guardrail Length (m)		N)		Down		3	3	NE	& SE di	rain tr	ough	broken/separ	ating.	-photo		

						Supers	tructure					
Bridge Component				Last	Now	Explanation of Condition						
(Primary Span : VF, 4 Spans, Lengths(m): 12.2-38.1-38.1-15.2, A-Ident Number:)												
Special Features												
Special Feature					9	9	Super bolts span 2 & 3 only.					
(Type : EX T	T LATER POS	ST TENS	S)				_					
Special Featu	ure					X						
(Type :)												
Wearing Surf	ace/Deck Top	Detail F	Ratings	5								
	N (%)	1 (%)		2 (%)	3 (%)		Gravel along curbs.					
Last	0	()	0	5		_					
Now	10.0	0.	.0	0.0	5.0							
Wearing Surf	face				3 3		Chipseal with 50mm asphalt. Potholes along curb & adjacent to pier					
(Material Ty	ype : ACP - C	ONVEN	TIONA	L CHIP SEAI		Г)	joint grout key crack near North curb paving lip. Numerous pot holes along both curbs-rebar exposed.photo-22-Jun-					
(Thickness	(mm) : 50)						2010					
Lateral Conn (Y/N)	ection Probler	m \	res									
Deck Top					N	N						
Deck Rideab	Deck Rideability				6	6						
Deck Joints					4	3	Fingers not bearing down 5mm gap, slap with traffic, both abutme (photo). Pier joints repaired with elestomaric compound, 50% pee					
Temperatu		5	-				off & no longer functioningphoto					
	Type : GLAN	ND (WAE	30-MA	UER, TRANS	SFLEX,	ETC))	Center & East pier have neoprene gland. S curb cover plate over W over have one sheared bolt (photos).					
(Fixed Type							2 bent.					
•	Gap Size (mm) Gap Loca						Paving lip deterrorated W.Aphoto Fingers not centre due to skew pressure.					
43 West ab 73 West pie			West	abutment			1 broken finger EBL W abutment.					
						Fingers at SE overlap adjacent and have risen 30mmphoto Pier and abutment caps are wet and stained from joint leakage.						
90 Center												
70			East p				-					
40			East a	butment			-					
Deck Drainag					6	3						
Drains Clog		1	No									
Curbs/Media					4	4	Curbs have few delamination cracks & spalls with rust staining at 2m okphoto					
	: Standard)						Delam holes in south side of median (EB) in S1, S4 (photo). Section					
¥ \	ercent Area)	1	10			_	of South curb exterior spalled in S2 (photo).					
Bridge Rail					7	7	-					
	LVANIZED S	TEEL B	RIDGE	TUBE)								
Bridge Rail P					7	7	Rail has a few minor dents and scrapes.					
(Type : GA STEEL)	LVANIZED P	OST ST	EEL;G	ALVANIZED	POST							
Bridge Rail/P	osts Coating				6	6	-					
(Type : GALVANIZED)						_						
Sidewalk					X	X						
Girder Detail	Ratings N (count)	1 (00)	nt)	2 (count)	3 (00)	unt)						
			`	1	-							
Now	0		5	0		7	-					
-				I			C2 8 4 S2 8 5 parrow longitudinal graph C2 S2 amall and ME					
Girders	//NI)				3	3	G3 & 4-S3 & 5 narrow longitudinal crack, G2-S3 small spall W.E. longitudinal crack. Rust spots on second girders not associated with					
Cracking (Y/N) Yes Spalling (Percent Area) 1							strands corrosion. Rebar spot stains. Long crack G9/G6-SP2. Spal on stirrups G3,SP2. Vertical crack starting at abutment ends of					
v		1	I				S1G4,8 S3G8, S4 G5,8,9photos					
(Number Of Girders : 36)							Spall G9 SP2photo					

Alberta Transportation

Bridge ComponentLastNowExplanation of Condition(Primary Span : VF. 4 Spans, Lengths(m): 12.2-38.1-38.1-15.2, A-Vent Number:)Diaphragms/Cross Frame44Numerous cracked diaphrams.Bearings66Some rust on plates above & below neoprene pads.Temperature (deg. C)44Numerous cracked diaphrams.(Expansion Type : REINFORCED PAD BEARING)Sight lateral neoprene pad deformation. Pier bearings inaccessible, viewed with binoculars - looks ok.(Expansion Type : REINFORCED PAD BEARING)SGG spall in bearing area.(Fixed Type :)				Supers	tructure			
Diaphragms/Cross Fame 4 4 Numerous cracked diaphrams. Bearings 6 6 Grandam Coss PAD BEARNO (Fixed Type :) 4 4 Coating Adequate (V/N) No 5 Coating Adequate (V/N) No 5 Stains (Parcent Area) 2 2 Span Aligoment Problems 6 6 Stains (Parcent Area) 2 2 Subar stains (V/N) No 6 Span Aligoment Problems 6 6 Subar stains (Parcent Area) 2 2 Subar stains (Parcent Area) 3 3 Subar stains (Parcent Area) 3 3 </td <td colspan="3">Bridge Component</td> <td></td> <td colspan="4"></td>	Bridge Component							
Diaphragms/Cross Frame 4 4 Numerous cracked diaphrams. Bearings 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 5 5 6 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 6 6 6 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		.engths(m): 12.2-38.1-	- <u>38.1</u> -15		•			
Temperature (dag. C) 4 Image: Selection Control on Control Control Contrect Contrect Control On Control Control Contrect Contr	Diaphragms/Cross Frame		4	4	Numerous cracked diaphrams.			
Temperature (deg. C) 4 Image: Selection of the	Roarings			6	Some rust on plates above & below peoprope pade			
(Expansion Type : REINFORCED PAD BEARING) (Fixed Type :) S3G9 spall in bearing area. S3G9 spall in bearing area. (Fixed Type :) Same (Fixed Type :) Same (Fixed Type :) Same (Fixed Type :) Coating Adequate (YN) Yes Yes Yes Shaine (Fercent Area) 2 Yes Same (Fercent Area) Same (Fercent Area) 2 Span Alignment Problems Yes Yes Same (Fixed Vinderside Erosund deck drains: Typical chamber cracks: Some cracks extend into the deck underside (photo). Same (Fixed Vinderside Vinderside (Fixed Vinderside Vinder	ŭ	4	0	0	Slight lateral neoprene pad deformation.			
(Fixed Type :) Coaling Adequate (YIN) No Image: Constraint of the second of the	<u> </u>				Pier bearings inaccesible, viewed with binoculars - looks ok.			
Cating Adequate (Y/N) No Image: Control of Control o		SED PAD BEARING)			SSG9 Spail in bearing area.			
Functioning (YN)YesDeck Underside55Stains (Percont Area)2Span Alignment Problems		No						
Deck Underside 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	· · · · ·							
Stains (Percent Area) 2 Image: Control of the deck underside around deck drains. Typical chamfer cracks. Some cracks extend into the deck underside (photo). Span Alignment Problems Image: Control of the deck underside (photo). Control of the deck underside (photo). Superstructure General Rating 3 3 3 Superstructure General Rating Image: Control of the deck underside (photo). Control of the deck underside (photo). Superstructure General Rating Image: Control of the deck underside (photo). Control of the deck underside (photo). Superstructure General Rating Image: Control of the deck underside (photo). Control of the deck underside (photo). Superstructure General Rating Image: Control of the deck underside (photo). Control the deck underside (photo). Superstructure General Rating Image: Control of the deck underside (photo). Control the deck underside (photo). Basing Seats/Caps Image: Control of the deck underside (photo). Image: Control of the deck underside (photo). Superstructure Control of the deck underside (photo). Image: Control of the deck underside (photo). Image: Control of the deck underside (photo). Superstructure Control of the deck underside (photo). Image: Control of the deck underside (photo). Image: Control of the deck underside (photo).		165	E	Б	Stains & dalam gracking @ waan hale drains & offlarenseened on			
Span Alignment Problems Calculate science into the deck underside (produ). Vertical (Y/N) No Superstructure General Rating 3 3 Bridge Component Last Now Superstructure General Rating 5 5 Bridge Component Last Now Explanation of Condition Abutments 5 5 Backwalls/Breastwalls 5 5 Vingwalls 4 4 Spaling under curb @ NW-photo Piles N N N Paint/Coating 5 5 5 Adutment Stability 7 7 7 Scour/Erosion X X Solated rust spots East side of East pier. Stains from joint leakage over pile 2, Pier 2 & 3. Longitudinal cracking of cap underside in th after and the deck in the deck wheet pier, delam cent pier. Firs/Bearing Seats/Caps 5 5 5 Crour Code : 7 7 7 Braing/Seats/Caps 5 5 5 Crour Code : 7 7 7 Braing/Seats/Caps 5 5 5 Crour Code : <td></td> <td colspan="2"></td> <td>5</td> <td>deck underside around deck drains. Typical chamfer cracks. Some</td>				5	deck underside around deck drains. Typical chamfer cracks. Some			
Vertical (Y/N)NoImage: Constructure General RatingNoImage: Constructure General RatingSuperstructure General RatingImage: Constructure General RatingImage: Constructure General RatingImage: Constructure General RatingImage: Constructure General RatingBridge ComponentLastNowExplanation of ConditionAbutmentsImage: Constructure General RatingImage: Constructure General RatingImage: Constructure General RatingBridge ComponentLastNowExplanation of ConditionAbutmentsImage: Constructure General RatingImage: Constructure General RatingBraing Seats/CapsImage: Constructure General RatingImage: Constructure General RatingPiard/CoatingImage: Constructure General RatingImage: Constructure General RatingColour Description : Turpe:		2			cracks extend into the deck underside (photo).			
Horizontal (Y/N)NoImage: Constructure General RatingNoImage: Constructure General RatingSuperstructure General RatingImage: Constructure General RatingNoExplanation of ConditionBridge ComponentLateNowExplanation of ConditionAbutmentsImage: Constructure General RatingImage: Constructure General RatingImage: Constructure General RatingBeading Seats/CapsImage: Constructure General RatingImage: Constructure General RatingImage: Constructure General RatingBeadwalls/BreastwallsImage: Constructure General RatingImage: Constructure General RatingImage: Constructure General RatingPilesImage: Constructure General RatingImage: Constructure General RatingImage: Constructure General RatingPiers/BontsImage: Constructure General Rating General RatingImage: Constructure General Rating General RatingImage: Constructure General RatingPiers/BontsImage: Constructure General Rating General Rating General RatingImage: Constructure General Rating General Rating General RatingImage: Constructure General Rating G								
Superstructure General Rating 3 3 Bridge Component Last Now Explanation of Condition Abutments Explanation of Condition Explanation of Condition Brearing Seats/Caps 5 5 (Type : CONCRETE) 5 5 Backwalls/Breastwalls 5 5 Wingwalls 4 4 Spalling under curb @ NW-photo Piles N N N Plant/Coating 5 5 5 Abutment Stability 7 7 7 Scour/Erosion X X X Piers/Bents 5 5 5 Grype : PIER-COLUMN) 5 5 5 Bearing Seats/Caps 5 5 5 If Type : CONCRETE) 5 5 5 Piers/Bents 5 5 5 Grype : PIER-COLUMN) 5 5 5 Bracing/Struts/Sheathing 7 7 7 Bracing/Struts/Sheathing X X X Nose Plate X X <td></td> <td></td> <td></td> <td></td> <td>-</td>					-			
Substructure Bridge Component Last Now Explanation of Condition Abutments Image: Concrete Concre	· · · · · · · · · · · · · · · · · · ·							
Bridge Component Last Now Explanation of Condition Abutments 5 5 Bearing Seats/Caps 5 5 Type : CONCRETE; 5 5 Backwalls/Breastwalls 5 5 Vingwalls 4 5 5 Vingwalls 4 5 5 Piers/Coating 7 7 7 Scour/Erosion 5 5 5 Pres/Bents 5 5 5 Crype : CONCRETE; 5 5 5 Piers/Bents 5 5 5 Crype : CONCRETE; 5 5 5 Virge : CONCRETE; 5 5 5 Piers/Bents 5 5 5 Crype : CONCRETE; 5 5 5 Virge : CONCRETE; 5 5 5 Piers/BentyPiles 5 7 7 Crype : CONCRETE; 5 5 5 Piers/BentyPiles 5 7 7 Reading/Struts/Sheathing 7 <td>Superstructure General Ratin</td> <td>g</td> <td>3</td> <td>3</td> <td></td>	Superstructure General Ratin	g	3	3				
Abutments Image: Seats/Caps Image: Sea				Subst	ructure			
Bearing Seats/Caps 5 5 (Type : CONCRETE) 5 5 Backwalls/Breastwalls 5 5 Wingwalls 4 4 Spalling under curb @ NW-photo Piles N N N Paint/Coating 5 5 5 Abutment Stability 7 7 7 Scour/Erosion X X X Piers/Bents 7 7 7 Type : PIER-COLUMN) X X X Bearing Seats/Caps 5 5 5 (Type : CONCRETE) 5 5 5 (Type : CONCRETE) 5 5 5 (Total Number of Bearing Piles : 5:5:5) 7 7 7 Prier Shaft/Piles 7 7 7 Bracing/Struts/Sheathing X X X Nose Plate 7 7 7 Paint/Coating 7 7 7 Paint/Coating X X	Bridge Component		Last	Now	Explanation of Condition			
(Type : CONCRETE)Image: Concrete Columns/pierdelam crack N end West pier, delam cent pier.Backwalls/Breastwalls55Wingwalls44Spalling under curb @ NW-photo 1.5mx0.5m spall at SW.PilesNNPiant/Coating55Abutment Stability77Scour/ErosionXXPiers/BentsImage: Concrete Columns/pierdelam crack N end West pier, delam cent pier.(Type : PIER-COLUMN)55Bearing Seats/Caps55(Type : CONCRETE)77Pier Shaft/Piles77Bracing/Strut/Sheathing77Nose Plate77Piant/Coating77Piant/Coating77Pier/Colum ::77Pier/Coating77Pier/Shaft/Piles77Pier/Coating77Pier/Coating77Pier/Coating77Pier/Coating77Pier/Coating77Pier/Coating77Pier/Coating77Pier/Coating77Pier/Coating77Pier/Coating77Pier/Coating77Pier/Coating77Pier/Coating77Pier/Coating77Pier/Coating77Pier/Coating77Pier/Coating77 <td>Abutments</td> <td></td> <td></td> <td></td> <td></td>	Abutments							
Backwalls/Breastwalls 5 5 Wingwalls 4 4 Spalling under curb @ NW-photo 1.5mx0.5m spall at SW. Piles N N Paint/Coating 5 5 Abutment Stability 7 7 Scour/Erosion 7 7 PierSents 5 5 (Type : PIER-COLUMN) 5 5 Bearing Seats/Caps 5 5 (Type : CONCRETE) 5 5 Virger Statistic of East side of East pier. Stains from joint leakage over pile 2, Pier 2 & 3. Longitudinal cracking of cap underside in the area. Concrete Columns/pierdelam crack N end West pier, delam cent pier. Pressents 7 7 Roading Struts/Sheathing 7 7 Paint/Coating 7 7 Paint/Coating<	Bearing Seats/Caps		5	5				
NingwallsNAAPilesNNPaint/CoatingS5Abutment Stability77Scour/ErosionXXPiers/Bents (Type : PIER-COLUMN)55Bearing Seats/Caps55(Type : CONCRETE)55Pier Shaft/Piles77Bracing/Stuts/Sheathing77Bracing/Stuts/Sheathing77Pier Shaft/Piles77Bracing/Stuts/Sheathing77Pier Shaft/Piles77Bracing/Stuts/Sheathing77Pier Shaft/Piles77Bracing Stuts/Sheathing77Pier Shaft/Piles77Pier Shaft/Piles77Pier Shaft/Piles77Bracing/Stuts/Sheathing77Pier Shaft/Piles77Pier Shaft/Piles7 <t< td=""><td>(Type : CONCRETE)</td><td></td><td></td><td>_</td><td></td></t<>	(Type : CONCRETE)			_				
PilesNNPaint/Coating55Abutment Stability77Scour/ErosionXXPiers/BentsT7(Type : PIER-COLUMN)55Bearing Seats/Caps55(Type : CONCRETE)55(Type : CONCRETE)55Pier Shaft/Piles77Bracing/Struts/Sheathing77Nose PlateXXPaint/Coating77Paint/Coating77Pier Shaft/Piles77Bracing/Struts/SheathingXXNose PlateXXPier Stability77Pier Stability77	Backwalls/Breastwalls		5	5				
Paint/CoatingImage: Constraint of the second se	Wingwalls			4	Spalling under curb @ NW-photo 1.5mx0.5m spall at SW.			
Abutment Stability777Scour/ErosionXXXPiers/Bents (Type : PIER-COLUMN)55Bearing Seats/Caps55(Type : CONCRETE)55(Type : CONCRETE)55Pier Shaft/Piles77Bracing/Struts/SheathingXXNose PlateXXPaint/CoatingXXPier Shaft/Piles77Pier Cour Code :)77Pier Stability77Pier Stability77Pier Shaft/Piles77Paint/CoatingXXYein Stability77Yein Stability77 <td colspan="3">Piles</td> <td>N</td> <td></td>	Piles			N				
Scour/Erosion X X X Piers/Bents Image: Solution of the state o	Paint/Coating			5				
Piers/Bents Image: Seats/Caps Solated rust spots East side of East pier. Stains from joint leakage over pile 2, Pier 2 & 3. Longitudinal cracking of cap underside in the area. (Type : CONCRETE) 5 5 (Total Number of Bearing Piles : 5:5:5) 5 Pier Shaft/Piles 7 7 Bracing/Struts/Sheathing X X Nose Plate 7 7 Paint/Coating 7 7 Pier Stability 7 7	Abutment Stability		7	7				
(Type : PIER-COLUMN)Bearing Seats/Caps5Isolated rust spots East side of East pier. Stains from joint leakage over pile 2, Pier 2 & 3. Longitudinal cracking of cap underside in the area. 5 concrete columns/pierdelam crack N end West pier, delam cent pier.(Total Number of Bearing Piles : 5:5:5)77Pier Shaft/Piles77Bracing/Struts/SheathingXXNose PlateXXPient/Coating77(Colour Description :) (Colour Code :)77Pier Stability77Pier Stability77	Scour/Erosion		X	Х				
Bearing Seats/Caps 5 over pile 2, Pier 2 & 3. Longitudinal cracking of cap underside in the area. (Type : CONCRETE) Image: Seats/Caps Seats/Caps (Total Number of Bearing Piles : 5:5:5) Image: Seats/Caps Pier Shaft/Piles 7 7 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 1 7 Image: Colour Code :) 1 7 Pier Stability 7 7 Pier Stability 7 7	Piers/Bents							
Bearing Seats/Caps 5 over pile 2, Pier 2 & 3. Longitudinal cracking of cap underside in the area. (Type : CONCRETE)	(Type : PIER-COLUMN)				Isolated rust spots East side of East pier. Stains from joint leakage			
(Type : CONCRETE) 5 concrete columns/pierdelam crack N end West pier, delam cent pier. (Total Number of Bearing Piles : 5:5:5) 7 Pier Shaft/Piles 7 7 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 7 7 (Colour Description :) 7 7 (Colour Code :) 7 7 Pier Stability 7 7			5	5	over pile 2, Pier 2 & 3. Longitudinal cracking of cap underside in this			
Pier Shaft/Piles77Bracing/Struts/SheathingXXNose PlateXXPaint/Coating77(Colour Description :) (Colour Code :)	(Type : CONCRETE)				5 concrete columns/pierdelam crack N end West pier, delam center			
Pier Shaft/Piles77Bracing/Struts/SheathingXXNose PlateXXPaint/Coating77(Colour Description :) (Colour Code :)	(Total Number of Bearing Piles	: 5:5:5)						
Nose Plate X X Paint/Coating 7 7 (Colour Description :) 7 7 (Colour Code :) 7 7 Pier Stability 7 7			7	7				
Paint/Coating 7 7 (Colour Description :) 7 7 (Colour Code :) 7 7				X				
(Colour Description :) (Colour Code :) Pier Stability 7 7	Nose Plate			X				
(Colour Description :) (Colour Code :) Pier Stability 7 7	Paint/Coating			7	Light grey			
(Colour Code :) Pier Stability 7	.							
Scour X X	Pier Stability		7	7				
	Scour		X	Х				
Debris (Y/N) No	Debris (Y/N)	No		1				

			ructure						
Bridge Component I			Now	Explanation of Condition					
Substructure General Rating			5						
		S	tructu	ure Usage					
		Last	Now	Explanation of Condition					
Grade Separation									
Road Alignment		8	8						
Traffic Safety Features	1	7	7						
Туре	Guardrail								
Slope Protection		4	4	Decks approach drainage undermining slope protection @ NW.					
(Type : CONCRETE; CONCRE	TE)			Cracks in slope protection.					
				Top of West concrete slope protection pulled away 70mm.					
Bank Stability	Bank Stability								
Drainage			6						
Grade Separation General Rating			6						

Alberta Transportation

		Maintenance Recommend	ations					
Inspector Recommendations	Year	Inspector Comments	Department Com	ments		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL								
GALVANIZE/PAINT BRIDGE RAIL								
SEAL CURBS	2012	Patch spall/delam curbs and seal.						
PATCH DECK	2012	Patch deck potholes.						
SEAL DECK								
OVERLAY DECK								
REPAIR/REPLACE DECK JOINTS	2012	Replace pier deck joints.						
RESET/ PAINT BEARINGS								
WASHING								
SHOTCRETE REPAIRS								
REPAIR ABUTMENT SCOUR/EROSION								
PLACE ADDITIONAL RIP RAP								
REMOVE DRIFT ACCUMULATION								
OTHER ACTION								
OTHER ACTION	2012	Repair down troughs.						
OTHER ACTION	2012	Replace median.						
OTHER ACTION	2012	Replace sheared bolt on W Pier, S Curb coverplate and straighten.						
OTHER ACTION	2012	Patch approaches with AP to remove bump.						
OTHER ACTION	2012	Partial depth repairs on wingwall spalls.						
OTHER ACTION	2012	Partial depth repairs on pier caps.						
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
Structural Condition Rating (Last/Now) (%)	44.4/44.	4 Sufficiency Rating (Last/Now) (%)	44.8/47.1	Est. Repl. Yr	2025	Maint. Red	qd. (Y/N)	Yes
Special Monitor cracking in girders. Comments for Next Inspection			Department Comments					
Maintenance Reviewed By		Date		E	stimated Total	0		
Proposed Long-Term Strategy								

Alberta Transportation	Bridge Inspection & Maintenance System (Wel	b 2005) 7662	25 -1 Bridge
On 3-Year Program (Y/N)			
Proposed Action			
Previous Inspector's Name	Arnold Assenheimer	Previous Assistant's Name	
Next Inspection Date	27-Dec-2013	Previous Inspection Date	22-Jun-2010
Inspection Cycle (Default) (months)	21		
Comment			