Bridge File Numb						в	ridge lı	nspect	tion							
Driuge i lie murri	ber	01293 -1	01293 -1 Bridge						n Type			TH				
Year Built/Year		1908/190						Lot N				1				
Supstr								Inspector Name				Garry Roberts				
Bridge or Town N	Bridge or Town Name GLEICHEN Located Over BOW RIVER, 2.13, WATERCR								ector C			BR CLS A	-			
Located Over		BOW RIV	/ER, 2.13	B, WATE	RCRS-	≀S-ST			Assistant Name							
Located On		547:04 C	1 16.850						stant C							
Water Body CI./Y	/ear								ection [03-Jan-2012				
Navigabil. Cl./Ye	ar							· ·	Entry I			Anne Robert				
Legal Land Loca	gal Land Location NE SEC 9 TWP 21 RGE 23 W				23 W4M	1			Entry I	•		29-Jan-2012	-			
_ongitude, Latitude -113:07:52, 50:46:19								ewer N			Joel Wozney					
Road Authority		Alberta T	ransporta	ation (A	IT)				ewer N ew Dat			05-Jan-2012				
Contract Main. A	rea	CMA30								-		Tim Davies				
Clear Roadway/S	Skew	5.1 /										06-Feb-2012				
AADT/Year		940 / 201	0 (A)					· ·		w Date		00-Feb-2012				
Road Classificati	ion	RLU-208	. ,						w-Up E	зу						
Detour Length (k	(m)	50						1								
Allowable Load (1	<u> </u>		2		Semi	HS	27		-	Train	CS	3 29		> On Critic	cal Spa	ns
	,		INGER			U1					L3L			>Critical N	lember	
Design Loading:		HS2	0											> Primary	Span	
						Po	sting l	nforma	ation							
Required Vert. C			g (m)													
Posted Vertical C				Yes												
	NB		idge (m)		In Adva		,		Lane	1		n Bridge (m)		In Advance	e (Y/N)	Yes
Remarks	Measu	ured 4.590) at West	and 4.8	586 at E	ast. E	ast por	tal sig	n dama	aged Mi	nor	damage @ n	orth.		_	
Required Load P	osting	(t)		Single			22	5	Semi			27	Truc	k Train	30	
Posted Loading ((t)			Single			22.0	5	Semi			27.0	Truc	k Train	30.0	
Posted:	Lane	NB		At Jun	ction (Y/	′N)	Yes	l.	n Adva	nce (Y/I	N)	Yes	At Br	ridge (Y/N)	Yes	
Posted:	Lane	SB		At June	ction (Y/	(N)	Yes	L	n Advo	nce (Y/I	N)	No	At Br	ridge (Y/N)	Yes	
Remarks				· ·	••/	163	1	II Auva		••/	-	7.11 DI	<u> </u>	105		
Remarks							163	1	n Auva		/	-		J ()	103	
	t Bridg	ge (Y/N)	Yes				163		II Auva		,			5 ()	103	
	t Bridg	ge (Y/N)	Yes								,				103	
Hazard Marker A Remarks		ge (Y/N)	Yes	bridge,						· · · · · · · · · · · · · · · · · · ·						
Hazard Marker A Remarks		ge (Y/N)		bridge,		oncon		ffic on	bridge	· · · · · · · · · · · · · · · · · · ·						
Hazard Marker A Remarks Other Sign Types	S	ge (Y/N) ELEPHON	Narrow		Stop if d	oncon Uti	ning tra lities (l	ffic on	bridge ed at)							
Hazard Marker A Remarks Other Sign Types Utility Attachmen	s nts TI		Narrow	TIES-Te	Stop if o	oncon Uti er plac	ning tra lities (l ced in c	ffic on	bridge ed at)							
Hazard Marker A Remarks Other Sign Types Utility Attachmen Telephone	s its TI North	ELEPHON	Narrow NE UTILI ⁻ nduit - O	TIES-Te	Stop if o lus Fibe	oncon Uti er plac	ning tra lities (l ced in c	ffic on _ocate luct Ma	bridge ed at) arch 20							
Hazard Marker A Remarks Other Sign Types Utility Attachmen Telephone Power	s nts TI North 3 wire	ELEPHON side in co	Narrow NE UTILI ⁻ nduit - O prth side.	TIES-Te ne cond 1 attacl	Stop if o lus Fibe luit is ab	oncon Uti er plac oando uss	ning tra l ities (l ced in c ned	ffic on _ocate luct Ma Gas Muni	bridge ed at) arch 20)05						
Hazard Marker A Remarks Other Sign Types Utility Attachmen Telephone Power Others	s North 3 wire Lights braces	ELEPHON side in co s 10 m No installed is	Narrow NE UTILI ^T nduit - O prth side. along We	TIES-Te ne cond 1 attacl	Stop if o lus Fibe luit is ab	oncon Uti er plac oando uss	ning tra l ities (l ced in c ned	ffic on _ocate luct Ma Gas Muni	bridge ed at) arch 20 cipal)05						
Hazard Marker A Remarks Other Sign Types Utility Attachmen Telephone Power Others	s North 3 wire Lights Fiber of	ELEPHON side in co s 10 m No installed s. optics Eas	Narrow NE UTILI ⁻ nduit - O orth side. along We	TIES-Te ne cond 1 attacl est truss	Stop if d elus Fibe luit is ab ned to tr s. 400m	oncon Uti er plac pando uss below	ning tra lities (l ced in c ned	ffic on ocate luct Ma Gas Muni Probl	bridge ed at) arch 20 cipal lem (Y/)05 /N) Ye	25					
Hazard Marker A Remarks Other Sign Types Utility Attachmen Telephone Power Others	s North 3 wire Lights Fiber of	ELEPHON side in co s 10 m No installed is	Narrow NE UTILI ⁻ nduit - O orth side. along We	TIES-Te ne cond 1 attacl est truss	Stop if d elus Fibe luit is ab ned to tr s. 400m	oncon Uti er plac bando uss below	ning tra lities (l ced in c ned v rated a	ffic on ocate luct Ma Gas Muni Probl	bridge ed at) arch 20 cipal lem (Y/)05 /N) Ye	25					
Hazard Marker A Remarks Other Sign Types Utility Attachmen Telephone Power Others	s North 3 wire Lights Fiber of	ELEPHON side in co s 10 m No installed s. optics Eas	Narrow NE UTILI ⁻ nduit - O orth side. along We	TIES-Te ne cond 1 attacl est truss	Stop if c elus Fibe luit is ab ned to tr s. 400m Conduit	oncon Uti er plac bando uss below sepe	ning tra lities (l ced in c ned v rated a Approa	ffic on ocate uct Ma Gas Muni Probl	bridge ed at) arch 20 cipal lem (Y/ cp3 anc)05 /N) Ye	es	at Sp1.				
Hazard Marker A Remarks Other Sign Types Utility Attachmen Telephone Power Others Remarks	s North 3 wire Lights braces Fiber o Seven	ELEPHON side in co s 10 m No installed s. optics Eas	Narrow NE UTILI ⁻ nduit - O orth side. along We	TIES-Te ne cond 1 attacl est truss	Stop if c elus Fibe luit is ab ned to tr s. 400m Conduit	oncon Uti er plac bando uss below sepe	ning tra lities (l ced in c ned rated a Approa	ffic on ocate luct Ma Gas Muni Probl long S ch Ro Expla	bridge ed at) arch 20 cipal lem (Y/ Sp3 and anation	N) Ye	es	at Sp1.				
Hazard Marker A Remarks Other Sign Types Utility Attachmen Telephone Power Others Remarks Horizontal Alignn	s North 3 wire Lights braces Fiber of Seven	ELEPHON side in co s 10 m No installed s. optics Eas	Narrow NE UTILI ⁻ nduit - O orth side. along We	TIES-Te ne cond 1 attacl est truss	Stop if c elus Fibe luit is ab ned to tr s. 400m Conduit	oncon Uti er plac oando uss below sepe Last 4	ning tra lities (l ced in c ned rated a Approa Now 5	ffic on ocate luct Ma Gas Muni Probl long S ch Ro Expla Curve	bridge ed at) arch 20 cipal lem (Y/ cp3 anc	2. 2005 2(N) Ye d perfora n of Co n n ends.	es	at Sp1.				
Hazard Marker A Remarks Other Sign Types Utility Attachmen Telephone Power Others Remarks Horizontal Alignmer	s Tf North 3 wire Lights braces Fiber o Seven	ELEPHON side in co s 10 m No installed s. optics Eas	Narrow NE UTILI ^T nduit - O orth side. along We st ROW ssing or b	TIES-Te ne cond 1 attacl est truss	Stop if c elus Fibe luit is ab ned to tr s. 400m Conduit	oncon Uti er plac bando uss below sepe	ning tra lities (l ced in c ned rated a Approa	ffic on ocate luct Ma Gas Muni Probl long S ch Ro Expla Curve	bridge ed at) arch 20 cipal lem (Y/ Cp3 and anation es both	2. 2005 2(N) Ye d perfora n of Co n n ends.	es	at Sp1.				
Hazard Marker A Remarks Other Sign Types Utility Attachmen Telephone Power Others Remarks Horizontal Alignmer Roadway Width (s Tf North 3 wire Lights braces Fiber o Seven	ELEPHON side in co s 10 m No installed s. optics Eas	Narrow NE UTILI ⁻ nduit - O orth side. along We	TIES-Te ne cond 1 attacl est truss	Stop if c elus Fibe luit is ab ned to tr s. 400m Conduit	oncon Uti er plac bando uss below sepe 4 5	ning tra lities (l ced in c ned rated a Approa Now 5 5	ffic on ocate luct Ma Gas Muni Probl long S ch Ro Expla Curve	bridge ed at) arch 20 cipal lem (Y/ Cp3 and anation es both	2. 2005 2(N) Ye d perfora n of Co n n ends.	es	at Sp1.				
Hazard Marker A Remarks Other Sign Types Utility Attachmen Telephone Power Others Remarks Horizontal Alignmer Roadway Width (Approach Bump	s Tf North 3 wire Lights braces Fiber o Seven	ELEPHON side in co s 10 m No installed s. optics Eas	Narrow NE UTILI ^T nduit - O prth side. along We st ROW ssing or b 8.300	TIES-Te ne cond 1 attacl est truss	Stop if c elus Fibe luit is ab ned to tr s. 400m Conduit	oncon Uti er plac oando uss below sepe Last 4	ning tra lities (l ced in c ned rated a Approa Now 5	ffic on ocate uct Ma Gas Muni Probl long S ch Ro Expla Curve Hills	bridge ed at) arch 20 cipal lem (Y/ cipal lem (Y/ cipal anation es both both er	N) Ye n of Conn n ends. nds.	es	at Sp1.				
Hazard Marker A Remarks Other Sign Types Utility Attachmen Telephone Power Others Remarks Horizontal Alignmer Roadway Width Approach Bump Guardrail (Y/N)	s Tf North 3 wire Lights braces Fiber o Seven	ELEPHON side in co s 10 m No installed s. optics Eas	Narrow NE UTILI ^T nduit - O orth side. along We st ROW ssing or b	TIES-Te ne cond 1 attacl est truss	Stop if c elus Fibe luit is ab ned to tr s. 400m Conduit	oncon Uti er plac bando uss below sepe 4 5 5 6	ning tra lities (l ced in c ned rated a Approa Now 5 5 5	ffic on ocate luct Ma Gas Muni Probl long S ch Ro Expla Curve Hills	bridge ed at) arch 20 cipal lem (Y/ cipal anation es both both er	2. 2005 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	es	at Sp1.				
Hazard Marker A Remarks Other Sign Types Utility Attachmen Telephone Power Others Remarks Horizontal Alignmer Roadway Width (Approach Bump Guardrail (Y/N) Guardrail	s Tf North 3 wire Lights braces Fiber o Seven	ELEPHON side in co s 10 m No installed s. optics Eas	Narrow NE UTILI ^T nduit - O prth side. along We st ROW ssing or t 8.300 Yes	TIES-Te ne cond 1 attacl est truss	Stop if c elus Fibe luit is ab ned to tr s. 400m Conduit	oncon Uti er plac bando uss below sepe 4 5	ning tra lities (l ced in c ned rated a Approa Now 5 5	ffic on ocate luct Ma Gas Muni Probl long S ch Ro Expla Curve Hills	bridge ed at) arch 20 cipal lem (Y/ cipal lem (Y/ cipal anation es both both er	2. 2005 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	es	at Sp1.				
Hazard Marker A Remarks Other Sign Types Utility Attachmen Telephone Power Others Remarks Horizontal Alignmer Roadway Width (Approach Bump Guardrail Length (m)	s Ints TF North 3 wire Lights braces Fiber of Seven nent (m)	ELEPHON side in co s 10 m No installed poptics Eas lights mis	Narrow NE UTILI ^T nduit - O orth side. along We st ROW ssing or b 8.300 Yes 23.000	TIES-Te ne cond 1 attacl est truss	Stop if c elus Fibe luit is ab ned to tr s. 400m Conduit	oncon Uti er plac bando uss below sepe 4 5 5 6	ning tra lities (l ced in c ned rated a Approa Now 5 5 5	ffic on ocate luct Ma Gas Muni Probl long S ch Ro Expla Curve Hills	bridge ed at) arch 20 cipal lem (Y/ cipal anation es both both er	2. 2005 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	es	at Sp1.				
Hazard Marker A Remarks Other Sign Types Utility Attachmen Telephone Power Others Remarks Horizontal Alignmer Roadway Width (Approach Bump Guardrail (Y/N) Guardrail Length (m) Current Standa	s Ints TF North 3 wire Lights braces Fiber of Seven Int (m) ard (Y/I	ELEPHON side in co s 10 m No installed poptics Eas lights mis	Narrow NE UTILI ^T nduit - O orth side. along We st ROW ssing or b 8.300 Yes 23.000 No	TIES-Te ne cond 1 attacl est truss proken.	Stop if c elus Fibe luit is ab ned to tr 3. 400m Conduit	oncon Uti er plac bando uss below sepe 4 5 5 6	ning tra lities (l ced in c ned rated a Approa Now 5 5 5	ffic on ocate luct Ma Gas Muni Probl long S ch Ro Expla Curve Hills	bridge ed at) arch 20 cipal lem (Y/ cipal anation es both both er	2. 2005 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	es	at Sp1.				
Hazard Marker A Remarks Other Sign Types Utility Attachmen Telephone Power Others Remarks Horizontal Alignmer Roadway Width (Approach Bump Guardrail (Y/N) Guardrail Length (m) Current Standa Termination Ty	s Ints TF North 3 wire Lights braces Fiber of Seven Int (m) ard (Y/I	ELEPHON side in co s 10 m No installed poptics Eas lights mis	Narrow NE UTILI ^T nduit - O orth side. along We st ROW ssing or b 8.300 Yes 23.000	TIES-Te ne cond 1 attacl est truss proken.	Stop if c elus Fibe luit is ab ned to tr 3. 400m Conduit	oncon Uti er plac oando uss below sepe 4 5 6 5	ning tra lities (l ced in c ned rated a Approa Now 5 5 5 6 4	ffic on ocate luct Ma Gas Muni Probl long S ch Ro Expla Curve Hills	bridge ed at) arch 20 cipal lem (Y/ cipal anation es both both er	2. 2005 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	es	at Sp1.				
Hazard Marker A Remarks Other Sign Types Utility Attachmen Telephone Power Others Remarks Horizontal Alignmer Roadway Width (Approach Bump Guardrail (Y/N) Guardrail Length (m) Current Standa	s Ints TF North 3 wire Lights braces Fiber of Seven Int (m) ard (Y/I	ELEPHON side in co s 10 m No installed poptics Eas lights mis	Narrow NE UTILI ^T nduit - O orth side. along We st ROW ssing or b 8.300 Yes 23.000 No	TIES-Te ne cond 1 attacl est truss proken.	Stop if c elus Fibe luit is ab ned to tr 3. 400m Conduit	oncon Uti er plac bando uss below sepe 4 5 5 6	ning tra lities (l ced in c ned rated a Approa Now 5 5 5	ffic on ocate luct Ma Gas Muni Probl long S ch Ro Expla Curve Hills	bridge ed at) arch 20 cipal lem (Y/ cipal anation es both both er	2. 2005 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	es	at Sp1.				

Alberta Transportation

					Supers	tructure				
Bridge Comp	oonent			Last	Now	Explanation of Condition				
(Primary Span : TH, 3 Spans, Lengths(m): 53.3-53.3, A-Ident Number: A0108-04;A0108-05;A0108-06)										
Special Feat	ures			1	-					
Special Featu	ire				X					
(Type :)										
Special Featu	ire				X					
(Type :)										
Wearing Surfa	ace/Deck Top	Detail Rating	5							
	N (%)	1 (%)	2 (%)	3 (%)		_				
Last	0	0	0		0					
Now	0.0	0.0	0.0	0	0.0					
Wearing Surfa	ace/Deck Top			4	5					
(Material Ty	/pe : UNTREA	TED TIMBER	.)							
(Plank Thic	kness(mm) : 7	(5)								
(Plank Widt	h(mm) : 300)									
Deck Rideabi	lity			6	6					
Deck Joints				Х	Х	_				
Temperatur	e (deg. C)									
(Expansion	Type :)									
(Fixed Type	e:)									
Gap Size (n	nm)	Gap L	ocation							
Curbs/Wheel	Guards			3	3	21 split blocks				
(Curb Type	: Standard)					3 wheelguard planks damaged, split or rotten				
		ER)								
(Thickness(mm) : 100)									
(Width(mm)	: 300)									
Bridge Rail				4	4	Double layer of flexbeam not attached to bridge at Sp3- L0S and				
(Type : GAI	_VANIZED ST	EEL FLEX B	EAM)			L0N. 9 bridge rail blocks split or missing.				
Bridge Rail P	osts/Blocking			4	4	Missing 21 splice bolts				
(Type : TRE	EATED TIMBE	R;TREATED	TIMBER)							
Bridge Rail/Posts Coating					6					
(Type : GAI	VANIZED)									
Sidewalk				Х	Х					

Superstructure											
Bridge Com	ponent			Last	Now	Explanation of Condition					
(Primary Spa	an : TH, 3 Spa	ans, Lengths(m): 53.3-53.3	-53.3, A	-Ident	Number: A0108-04;A0108-05;A0108-06)					
Wide Load D	amage (Y/N)	Yes				Open holes on all vert. & BP's where old bracing was connected.					
High Load Da	amage (Y/N)	Yes				Minor damage at both portals of Sp. 2 & West portal Sp. 1 Minor high & Wide load damage @ Vert., diag. and portals					
Top Chord				6	6	Sp2- L0U1S and Sp3 - U9L10S have bends					
Batter Posts					5	Sp 3 - U4L 4 top & bottom angle twisted bent & buckled. Sp 3 has moderate at U4S					
Sway Bracings					4	Sp 3 N - U3L4 has bend					
Diagonals					4	Sp2- U2L2S, Sp3 N- U4L4, U4L7, U8L8 all have bends or dents. Missing bolts at Sp2- U1S, U9S. Loose bolt at Sp3- U1N.					
Verticals				5	4	Minor high load damage & isolated corrosion pitting at gussets.					
Portals				5	5	300 x 150 dent Sp. 1 U5L5S and U7L7S					
Connections				4	4						
Floor Beams				7	6	13 bayx30= 390 On set of corrosion on top flanges.					
Bottom Chor				6	6	Outside line of stringers are misaligned along Sp1 at L9S					
	∽ gers : 130;13 (0:130)				100x210 stringers in between +2 channel 255 dp @ exit- 13 total					
Stringer Deta		5,100/				lines.					
cuniger 2 etc	N (count)	1 (count)	2 (count)	3 (cou	unt)						
Last											
Now						-					
Stringers				5	5	-					
(Type : ST	EEL)										
(Width(mm						-					
(Depth(mm	, ,					-					
(Spacing(m											
Paint Conditi				3	3	Some isolated areas up to 1 - 2mm deep corrosion. Splash zone &					
	scription : BL			0	0	lower steel @ abutment are rusting 15% - top steel paint is adequate					
`	de : 15182)	.02)				10% surface corrosion @ floor system - photo. Corrosion depth comment from past U.T. inspection.					
	equired (Y/N)) No									
Bearings				4	4	SW & SE bridge rollers twisted 35mm. to 25mm & 2 broken A/B					
		11		4	4	4 a/b's broken @ South pier bearings.					
Temperatu (Expansion						 End of casting has broken piece at Sp1 - L0S and pin retainer plate has minor end cracks 					
· · ·			ARING)								
	e : PINNED E					Functioning as sliding plates					
Functioning	<u> </u>	No			-						
	eck Underside			5	5	-					
	ype : TREAT	· · · · · · · · · · · · · · · · · · ·				-					
· · · · · · · · · · · · · · · · · · ·	ckness(mm) :					-					
`	(th(mm) : 300)					-					
	ercent Area)	5									
	nent Problen										
Vertical (Y/		No				-					
Horizontal		No									
Superstruct	ure General	Rating		4	4						
					Subst	ructure					
Bridge Com	ponent			Last	Now	Explanation of Condition					
Abutments	- on one			2001							
	Backwall Pile	es (Y/N) : N)									
		s Spacing(mm	1) ·)			1					
(Extended		o opuoling(min	.,.,								

					Subst	ructure					
Bridge Com	ponent			Last	Now	Explanation of Condition					
	er of Caps/Co	rbels : 1:1)				Several areas of concrete cracked and spalling - Massive concrete					
	ts/Caps/Corbe	/	ngs								
	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		4	4						
(Type : CO	NCRETE)										
(Depth(mm	n) :)										
(Width(mm	n):)										
Backwalls/Bi	reastwalls			5	5	Wide map cracking.					
Greatest H	leight (m)	6.00				Worst at S abut					
Wingwalls				5	4	Wide map cracking					
(Total Numb	or of Dooring [
	er of Bearing F	Plies : U:U)				-					
Piles Detail F	N (count)	1 (count)	2 (count)	3 (cou	(Int)	-					
Last	10			3 (000	unt)	-					
Now	10	0	0		0	-					
Piles	10	0	0	N	N	-					
Paint/Coating	a			X	X						
	9				^						
Abutment Stability					6						
Scour/Erosion				8	8						
Piers/Bents											
(Type : PIE						Wide horizontal & map cracks.					
· · ·	er of Caps/Co	rhels · 1·1)				Horizontal crack under bearings, concrete is cracked and scaling of					
· · · · · · · · · · · · · · · · · · ·	ts/Caps/Corbe		nas			top of all piers.					
Doaling Coa	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		4	4						
(Type : CO											
	er of Bearing F	Piles : 0:0)				Wide horizontal map cracks					
Piles Detail F	Ŭ										
	N (count)	1 (count)	2 (count)	3 (cou	unt)						
Last	10	0	0		0						
Now	10	0	0		0						
Pier Shaft/Pi	les			5	5						
Greatest H	leight (m)	5.50									
Bracing/Stru	ts/Sheathing			X	X						
Nose Plate				7	7						
Paint/Coating	g			4	4	100% surface corrosion @ nose plates.					
	escription :)										
(Colour Co	· · · · · · · · · · · · · · · · · · ·										
Pier Stability				7	7						
Scour				N	N	Ice					
Debris (Y/N)		Yes				Old piling D/S of pier 1					
						Beaver dam under Sp. 1					

Substructure									
Bridge Component		Last	Now	Explanation of Condition					
Substructure General Rating		4	4						
		6							
				re Usage Explanation of Condition					
Channel		Lasi	NOW						
(U/S Direction : W)				The North bank is lined up 10m behind abutment.					
(D/S Direction : E)									
Alignment									
Bank Stability			4	Vertical banks U/S and D/S Erosion at North end bank on U/S side					
HWM (m below Top of Curb)				HWM not visible					
Drift (Y/N)	Yes			Drift at Pier 1					
Slope Protection		5	5	Class I @ both abutments.					
(Type : RIP RAP; RIP RAP)									
Guidebank/Spurs		Х	X						
Adequacy of Opening		7	7						
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating		5	4						

Alberta Transportation

Maintenance Recommendations												
Inspector Recommendations	Year	Inspecto	r Comments	Department Com	iments		Target Year	Est. Cost	Cat #			
REPAIR/REPLACE BRIDGE RAIL	2012	Replace splice bo	damaged rail blocks - 9 in total and 2									
RETROFIT BRIDGE RAIL												
SEAL CURBS	2012	Replace planks c	1- 1.5m, 1-1.9m, 6-5.6m wheelguard /w 21 100x300 blocks									
PATCH DECK												
SEAL DECK												
OVERLAY DECK												
REPLACE STRIP DECK												
REPLACE SUB DECK												
RESET/ PAINT BEARINGS	2015	Replace major rel	bearings with neoprence pads next nab.									
REPAINT SUPERSTRUCTURE	2012	Assess p	paint or monitor									
STRAIGHTEN/REPLACE MEMBERS	2012	U4L4N, and botte	J1S, U2L2S, and Sp 3 - U9L10S, U7L7N, U8L8N, U3L4N. Replace top om sway brace angles at sp 3- U4U4. cross frame bracing									
WASHING												
SHOTCRETE REPAIRS												
CORE TIMBER CAPS/CORBELS												
REPAIR/REPLACE TIMBER CAPS												
REPAIR ABUTMENT SCOUR/EROSION												
PLACE ADDITIONAL RIP RAP												
REMOVE DRIFT ACCUMULATION	2012											
OTHER ACTION	2012	Add bolt	s at Sp2- U1S, U9S and sp3 U1N									
OTHER ACTION	2012	Replace	broken lights at NW at West side									
OTHER ACTION	2015	Patch su	bstructure next major rehab									
OTHER ACTION	2012	Assess f	or replacement vs. repair									
OTHER ACTION												
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) (%)	16.5/23.7	Est. Repl. Yr	2023	Maint. Re	qd. (Y/N)	Yes			

Alberta	Transportation
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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	Owen Salava	Previous Assistant's Name	Ed Kowal		
Next Inspection Date	03-Apr-2015	Previous Inspection Date	08-Jun-2010		
Inspection Cycle (Default) (months)	39				
Comment					