Bridge Inspection & Maintenance System (Web 2005)

						Brid	ge In	spection									
Bridge File Nur	mber	09033 -1	Bridge					Form Typ	е		PCS						
Year Built/Year	•	1970/197	0					Lot No.			1						
Supstr								Inspector	Name		Jason Saly						
Bridge or Towr	Name							Inspector	Class		BR CLS A						
Located Over		RAY CRE			/ATERC	RS-ST	-	Assistant	Name								
Located On		805:02 C	1 32.828					Assistant	Class								
Water Body Cl								Inspectior	n Date		14-Feb-2012	012					
Navigabil. Cl./	'ear							Data Entr			Marcia Chav	/ez		Member			
Legal Land Loo	cation	SW SEC	13 TWP	35 RGE	26 W4N			Data Entr	• •		09-Mar-2012	-					
Longitude, Lati	tude	-113:35:5	59, 52:00	:04				Reviewer	-		John O'Brier			ain e (Y/N) No			
Road Authority	,	Alberta T	ransporta	ation (AIT	Г)			Review D			29-Feb-2012						
Contract Main.	Area	CMA19								ame	Andrew Smi						
Clear Roadway	//Skew	9.1 / 0 de	eg.					Dept. Rev			21-Mar-2012						
AADT/Year		530 / 201	0 (A)					Follow-Up		0							
Road Classifica	ation	RCU-208	8-110						уbу								
Detour Length	(km)	6															
Allowable Load	l (t): Sin	gle CS1 GIRI			Semi	CS2 4 GIRD			Train		3 65 RDER						
Design Loading	g:	HS2	0										> Primary	' Span			
						Posti	ng In	formatior									
Required Load	Posting	(t)		Single				Semi				Truc	k Train	Na			
Posted Loading	g (t)			Single				Semi				Truck Train					
Posted:	Lane	NB		At Junc	tion (Y/N) No)	In Ad	vance (Y	′/N)	No	At B	ridge (Y/N)	No			
Posted:	Lane	SB		At Junc	tion (Y/N) No)	In Ad	vance (Y	′/N)	No	At B	ridge (Y/N)	No			
Remarks	Not re	quired.															
Hazard Marker	At Bridg	ge (Y/N)	No														
Remarks			Not req	uired.													
Other Sign Typ	es		· · ·														
						Utiliti	es (L	ocated at)								
Utility Attachme	ents																
Telephone	West																
		of c/l.				Gas											
Power			st of c/l.														
	3 wire	s 18m Ea		f bridge.				Municipal									
Others	3 wire			f bridge.						10							
Others	3 wire	s 18m Ea		f bridge.		Ap	proa	Municipal Problem (10							
Others	3 wire	s 18m Ea		f bridge.	La			Municipal Problem (ch Road	(Y/N) N	-	ion						
Remarks	3 wire Meter	s 18m Ea		f bridge.				Municipal Problem (ch Road Explanat	Y/N) N ion of Co rance 20	ondit 0m N	orth of bridge	9.					
Others Remarks Horizontal Alig	3 wire Meter	s 18m Ea		f bridge.		st N	ow	Municipal Problem (ch Road Explanat	Y/N) N ion of Co rance 20	ondit 0m N	orth of bridge	9.					
Others Remarks Horizontal Alig Vertical Alignm	3 wire Meter	s 18m Ea	ast side c	f bridge.		st N 8	ow 7	Municipal Problem (ch Road Explanat	Y/N) N ion of Co rance 20	ondit 0m N	orth of bridge	э.					
Others Remarks Horizontal Alig Vertical Alignm Roadway Widt	3 wire Meter	s 18m Ea		f bridge.		8 6	ow 7	Municipal Problem (ch Road Explanati Farm entr Hill North	(Y/N) N ion of Co rance 20 , limited s	ondit 0m N sight	orth of bridge		ed.				
Others Remarks Horizontal Alig Vertical Alignm Roadway Widt Approach Bum	3 wire Meter	s 18m Ea	ast side c	f bridge.		st N 8	ow 7 6	Municipal Problem (ch Road Explanati Farm entr Hill North	(Y/N) N ion of Co rance 20 , limited s	ondit 0m N sight	orth of bridge distance.		əd.				
Others Remarks Horizontal Alig Vertical Alignm Roadway Widt Approach Bum Guardrail (Y/N)	3 wire Meter	s 18m Ea	ast side c	f bridge.		st N 8 6 4	ow 7 6 5	Municipal Problem (ch Road Explanati Farm entr Hill North	(Y/N) N ion of Co rance 20 , limited s	ondit 0m N sight	orth of bridge distance.		ed.				
Others Remarks Horizontal Alig Vertical Alignm Roadway Widt Approach Bum Guardrail (Y/N) Guardrail	3 wire Meter	s 18m Ea	8.000 Yes	f bridge.		8 6	ow 7 6	Municipal Problem (ch Road Explanati Farm entr Hill North	(Y/N) N ion of Co rance 20 , limited s	ondit 0m N sight	orth of bridge distance.		əd.	Member 7 Span 7 No			
Others Remarks Horizontal Alig Vertical Alignm Roadway Widt Approach Bum Guardrail (Y/N) Guardrail Length (m)	3 wire Meter	s 18m Ea station Ea	8.000 Yes 26.600	f bridge.		st N 8 6 4	ow 7 6 5	Municipal Problem (ch Road Explanat Farm entr Hill North Slight bur	Y/N) N ion of Co rance 20 , limited s np @ bo	ondit 0m N sight th en	orth of bridge distance.	n settle					
Others Remarks Horizontal Alig Vertical Alignm Roadway Widt Approach Bum Guardrail (Y/N) Guardrail Length (m) Current Stan	3 wire Meter	s 18m Ea station Ea	8.000 Yes 26.600 No			st N 8 6 4	ow 7 6 5	Municipal Problem (ch Road Explanat Farm entr Hill North Slight bur	Y/N) N ion of Co rance 20 , limited s np @ bo	ondit 0m N sight th en	orth of bridge distance. ds, approach	n settle					
Others Remarks Horizontal Alig Vertical Alignm Roadway Widt Approach Bum Guardrail (Y/N) Guardrail Length (m) Current Stan Termination	3 wire Meter	s 18m Ea station Ea	8.000 Yes 26.600 No	f bridge.		st N 8 6 4 9	ow 7 6 5 7	Municipal Problem (ch Road Explanat Farm entr Hill North Slight bur	Y/N) N ion of Co rance 20 , limited s np @ bo	ondit 0m N sight th en	orth of bridge distance. ds, approach	n settle		lember Span No			
Others Remarks Horizontal Alig Vertical Alignm Roadway Widt Approach Bum Guardrail (Y/N) Guardrail Length (m) Current Stan	3 wire Meter	s 18m Ea station Ea	8.000 Yes 26.600 No			st N 8 6 4	ow 7 6 5	Municipal Problem (ch Road Explanat Farm entr Hill North Slight bur	Y/N) N ion of Co rance 20 , limited s np @ bo	ondit 0m N sight th en	orth of bridge distance. ds, approach	n settle					

Bridge Component Last Now Explanation of Condition (Primary Span : HC, 1 Spans, Lengths (m) : 61, A Ident Number:) Special Fautures Special Fautures Special Fautures Special Fautures Special Fautures Special Fautures (Type : 2) Special Fautures Special Fautures Special Fautures Special Fautures Vaening Surface V 2 (%) 3 (%) Special Fautures Special Fautures Waening Surface V Special Fautures Special Fautures Special Fautures Special Fautures (Thichness(rnn) : 50) V Special Fautures Special Fautures Special Fautures Special Fautures (The Kaess(Context) Problem (Y/N) Yes T T Special Fautures Special Fautures (The Kaess) Yes T T T Special Fautures Special Fautures (The Kaess) <td< th=""><th></th><th></th><th></th><th></th><th></th><th>Supe</th><th>erstructure</th></td<>						Supe	erstructure
Special FeatureISpecial FeatureIXSpecial FeatureVXSpecial FeatureVXSpecial FeatureVXSpecial FeatureVX(Type :)VXWearing Surface/Deck Top Detail RatingsVXN(%)1 (%)2 (%)3 (%)Now0.00.00.0Now0.00.00.0Wearing Surface/Deck Top Detail Ratings44CharlesYYThickness(mn) : 60YSDeck RideabilityYesVDeck RideabilityYesYPeck Aping RatingYesYesDeck DainingYesYesDeck DainingYesYesBridge RailYesYesBridge RailYesYesBridge RailYesYesBridge Rail/PostsYesYesStating (Percent Area)YesYesStating Percent Area)YesYesStating Percent AreaYesYesStating Percent AreasYesYesStating Percent Areas<	Bridge Com	ponent			Las	t No	w Explanation of Condition
Special Feature X (Type :) X Special Feature X (Type :) X Special Feature X (Type :) X Wearing Surface/Deck Top Detail Ratings Image: Composition Problem Now 0.0 0.0 0.0 Wearing Surface/Internation Problem Yes 4 4 Chickness(mm): 60 V Yes Sines at girder edges. Deck Rideability Yes Yes Sinter Problem Sinter	(Primary Spa	an : HC, 1 Spa i	ns, Leng	ths(m): 6.1, A	-Ident Nu	mber:	
Type :) X Special Feature X Waring Surface/Deck Top Detail Ratings X N(%) 1 (%) 2 (%) 3 (%) Last 0 0 0 0 Now 0.0 0.0 0.0 0 Chickness(nm) : 50 Italian Connection Problem Yes Siles at girder edges. Thickness(nm) : 50 Italian Connection Problem Yes Siles at girder edges. Deck Top Packalonis N N N Bump (Y/N) Yes Yes Top Crack in asphalt where joints are. Bump (Y/N) Yes Yes Soling (Percent Area) O O Deck Joints N N Nor plow scrapes. Crack in asphalt where joints are. Bump (Y/N) Yes 7 7 7 7 Detak Ioand 7 7 7 7 7 7 <td>Special Feat</td> <td>tures</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Special Feat	tures					
Special Feature X X (Type : Junce 1 (%) 2 (%) 3 (%) 4 Last 0 0 0 0 Now 0.0 0.0 0.0 0 Now 0.0 0.0 0.0 0.0 Wearing Surface 4 4 4 (Matrial Type : ACP) (Thickness(mm): 50) 5 lines at girder edges. Lateral Connection Problem (YN) Yes 7 7 Deck Rideability Yes 5 5 lines at girder edges. Burng (YN) Yes 5 5 5 Deck Rideability Yes 5 7 7 Deck Dainage Yes 7 7 7 Guids (Parcent Area) 0 5 5 5 Standardy 7 7 7 7 Standardy 7 7 7 7 Standardy 7 7 7 7 Standardy 7 <	Special Feat	ure				×	
Special Feature X X (Type : Junce 1 (%) 2 (%) 3 (%) 4 Last 0 0 0 0 Now 0.0 0.0 0.0 0 Now 0.0 0.0 0.0 0.0 Wearing Surface 4 4 4 (Matrial Type : ACP) (Thickness(mm): 50) 5 lines at girder edges. Lateral Connection Problem (YN) Yes 7 7 Deck Rideability Yes 5 5 lines at girder edges. Burng (YN) Yes 5 5 5 Deck Rideability Yes 5 7 7 Deck Dainage Yes 7 7 7 Guids (Parcent Area) 0 5 5 5 Standardy 7 7 7 7 Standardy 7 7 7 7 Standardy 7 7 7 7 Standardy 7 <	(Type :)				I		
Image: Type : Junct Control Detail Ratings Image: Surface Deck Top Detail Ratings Image: Surface Deck Top Detail Ratings Now 0.0 0.0 0.0 0.0 Thickness(mn) : 50) Image: Surface		ure				X	
Wearing Surface For KTOP Detail Rating:Image: Surface For KTOP SURFACE FOR	· ·						
$ \begin{array}{ $		face/Deck Top	Detail Ra	atinas			
Last 0 0 0 0 0 0 Now 0.0 <t< td=""><td></td><td></td><td></td><td></td><td>3 (%</td><td>5)</td><td></td></t<>					3 (%	5)	
Now 0.0 0.0 0.0 0.0 Wearing Surface	Last						
Wearing Surface 4 4 5 (Material Type : ACP) 5		-)		
(Material Type : ACP) Image: Solution of the second o	-		0.0	0.0			Potoriorated ACP along W gutter
$ \begin{array}{ $					4	4	5 lines at girder edges.
Lateral Connection Problem (YnN)YesIDeck Tojek Toje							
		· · · · · · · · · · · · · · · · · · ·	N				
Deck Top N N N N Deck Rideability ✓ 7 7 7 Deck Joints ✓ 7 7 7 Deck Joints Yes Crack in asphalt where joints are. Bump (YN) Yes Crack in asphalt where joints are. Bump at North abutmont. Deck Drainage 7 7 7 7 Drains Clogged (YN) No ✓ 7 7 Curbs/Median 7 7 7 7 Goldge Rail ✓ ✓ ✓ ✓ Bridge Rail Posts 7 7 7 7 Type : FLEX BEAM ✓ ✓ ✓ ✓ Bridge Rail Posts 7 7 7 7 (Type : FLEX BEAM ✓ ✓ ✓ ✓ Bridge RailPosts Coating 7 7 7 7 Girder Detail Ratings X X X X Girder Isspection Date 14-Feb-2012 ✓ ✓ Shear crack		ection Problem	n Ye	S			
Deck Rideability T T T Deck Joints T T T T Bump (Y/N) Yes N N Buffer angles covered. Crack in asphalt where joints are. Bump at North abutment. Crack in asphalt where joints are. Bump at North abutment. Deck Drainage T T T T Drains Clogged (Y/N) N N N Ninor plow scrapes. Curbs/Media T T T T Scaling (Percent Area) 0 Double layer with timber blocking. T Gridge Rail Posts T T T T Bridge Rail Posts Coating T T T T Sidewalk V X X S Girder Detail Ratings X X X Girder Detail Ratings Y Y S S Girder Connector Pocket 5 I Z S Grader (Y/N) Yes I S S S Grider Connector Pocket					N	N	
Deck Joints Yes N N Rump (Y/N) Yes Crack in asphalt where joints are. Bump at North abutment. Deck Drainage Yes 7 7 7 7 Drains Clogged (Y/N) No 7 7 7 7 Curbs/Median V Yes 7 7 7 Gurdy Type : Standard) Scaling (Percent Area) 0 0 0 0 Scaling (Percent Area) 0 0 0 0 0 0 Grade Rail Posts 7 7 7 7 7 7 Stelle Rail/Posts Coating 7 7 7 7 7 Sidewalk V X X X Galvanized posts painted over, paint peeling. Girder Detail Ratings X X X X X Girders 14-Feb-2012 Shaar crack medium width shear crack with long crack in one leg within AZ Shear crack medium width shear crack with long crack in one leg within AZ Shear crack medium softer from D/S end North side of bridge. Spalling (Percent Area)							
Bump (Y/N) Yes Crack in asphalt where joints are. Bump at North abutment. Deck Drainage 7 7 7 Drains Clogged (Y/N) No Curbs/Median 7 7 7 Curbs/Median 0 Scaling (Percent Area) 0 Bridge Rail 9 8 Double layer with timber blocking. (Type : FLEX BEAM) Double layer with timber blocking. Bridge Rail Posts 7 7 7 Trype : GALVANIZED POST STEEL; GALVANIZED POST 5 Galvanized posts painted over, paint peeling. Trype : PAINT) X X X Sidewalk X X X Girder Detail Ratings X X X Girder S 1 2 (count) 3 (count) Garder Last Complete Inspection Date 14-Feb-2012 Same Game diffication one leg within AZ Shalling (Percent Area) Spalling (Percent Area) 5 S SS spalling all at drift pins - pins showing.	Deck Rideab	ility			7	7	
Bump (Y/N) Yes Crack in asphalt where joints are. Bump at North abutment. Deck Drainage 7 7 7 Drains Clogged (Y/N) No Curbs/Median 7 7 7 Curbs/Median 0 Scaling (Percent Area) 0 Bridge Rail 9 8 Double layer with timber blocking. (Type : FLEX BEAM) Double layer with timber blocking. Bridge Rail Posts 7 7 7 Trype : GALVANIZED POST STEEL; GALVANIZED POST 5 Galvanized posts painted over, paint peeling. Trype : PAINT) X X X Sidewalk X X X Girder Detail Ratings X X X Girder S 1 2 (count) 3 (count) Garder Last Complete Inspection Date 14-Feb-2012 Same Game diffication one leg within AZ Shalling (Percent Area) Spalling (Percent Area) 5 S SS spalling all at drift pins - pins showing.						_	
Bump at North abutment. Bump at North abutment. Deck Drainage 7 7 Drains Clogged (Y/N) No 7 7 Curbs/Median 7 7 7 Curbs/Median 7 7 7 Scaling (Percent Area) 0 5 5 Bridge Rail 0 0 0 Grade Rail Posts 7 7 7 Type : FLEX BEAM) 7 7 7 Bridge Rail Posts 7 7 7 Type : GALVANIZED POST STEEL;GALVANIZED POST 7 7 StefeL) 8 0 0 Bridge Rail/Posts Coating 7 7 7 (Type : PAINT) 5 X X Sidewalk X X X Girder Detail Ratings X X X Girders 4 2 2 Last Complete Inspection Date 14-Feb-2012 5 Cracking (Y/N) Yes 5 5%	Deck Joints				N	N	Buffer angles covered.
Deck Drainage T T T Drains Clogged (Y/N) No <td>Bump (Y/N</td> <td>)</td> <td>Ye</td> <td>S</td> <td></td> <td></td> <td>Bump at North abutment.</td>	Bump (Y/N)	Ye	S			Bump at North abutment.
Drains Clogged (Y/N) No Image: No <	Deck Draina	ne			7	7	
Curbs/Median 7 <		-	Nc)			
Curb Type : Standard) 0 Image: Curb Type : Standard) 0 Scaling (Percent Area) 0 <			110	,	7	7	Minor plow serance
Scaling (Percent Area) 0 ✓ ✓ Bridge Rail ✓ 9 8 (Type : FLEX BEAM) ✓ Ø Double layer with timber blocking. Bridge Rail Posts ✓ 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL					1	/	Minor plow scrapes.
Bridge Rail 9 8 Double layer with timber blocking. Grade Rail Posts 7 7 Bridge Rail Posts 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) 7 7 Bridge Rail/Posts Coating 7 7 (Type : CALVANIZED POST STEEL;GALVANIZED POST STEEL) 7 7 Bridge Rail/Posts Coating 7 7 7 (Type : PAINT) 3 X X Sidewalk X X X Girder S 2 (count) 3 (count) Last 0 0 0 Girders 4 2 Last Complete Inspection Date 14-Feb-2012 5 Cracking (Y/N) Yes S68 medium width shear crack with long crack in one leg within AZ Shear crack medium .6mm 4th girder from D/S end North side of bridge. Spalling (Percent Area) 5 5 5% spalling all at drift pins - pins showing. (Number Of Girders : 11) No Unknown, covered by ACP. 5% spalling all at drift pins - pins showing. Vertical (Y/N) No 1 1 1 Horizontal (Y/N) No <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td></td>			0				
(Type : FLEX BEAM) 7 7 Bridge Rail Posts 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) 7 7 Bridge Rail/Posts Coating 7 7 Gidewalk X X Sidewalk X X Girder Detail Ratings X X N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 Now 0 0 1 Girders 4 2 Last Complete Inspection Date 14-Feb-2012 G8 medium width shear crack with long crack in one leg within AZ Spalling (Percent Area) 5 5 Shear crack medium .6mm 4th girder from D/S end North side of bridge. Lift or Connector Pocket 5 5% spalling all at drift pins - pins showing. (Number Of Girders : 11) No 5% spalling all at drift pins - pins showing. Vertical (Y/N) No 1 1 Horizontal (Y/N) No 1 1		ercent Area)	0				
Bridge Rail Posts 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Galvanized posts painted over, paint peeling. Bridge Rail/Posts Coating 7 7 Girder Detail Ratings X X Girder Detail Ratings X X M (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 Now 0 0 0 Girders 4 2 Last Complete Inspection Date 14-Feb-2012 Galvanized moith shear crack with long crack in one leg within AZ Shear crack medium. 6mm 4th girder from D/S end North side of bridge. Lift or Connector Pocket 5 S Shear crack medium. 6mm 4th girder from D/S end North side of bridge. Lift or Connector Pocket 5 Sidewalk Sidewalk shear track medium from 2 Shear crack medium. 6mm 4th girder from D/S end North side of bridge. Kumber Of Girders : 11) No Unknown, covered by ACP. Span Alignment Problems Yertical (Y/N) No Yertical (Y/N)	U				9	8	Double layer with timber blocking.
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) 7 7 Bridge Rail/Posts Coating (Type : PAINT) 7 7 Sidewalk X X X Girder Detail Ratings X X X I (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 Now 0 0 0 Girders 14-Feb-2012 4 2 Last Complete Inspection Date 14-Feb-2012 5 5 Cracking (Y/N) Yes 5 5% spalling (Percent Area) If or Connector Pocket Grouted (Y/N) 5 5% spalling all at drift pins - pins showing. (Number Of Girders : 11) No 1 5% spalling all at drift pins - pins showing. Vertical (Y/N) No 1 5 1 Horizontal (Y/N) No 1 5 1		· · · · · · · · · · · · · · · · · · ·					
STEEL) Steel v and the set of the						-	
Bridge Rail/Posts Coating (Type : PAINT) 7 </td <td></td> <td>LVANIZED PC</td> <td>OST STE</td> <td>EL;GALVANI</td> <td>ZED POS</td> <td>Γ</td> <td></td>		LVANIZED PC	OST STE	EL;GALVANI	ZED POS	Γ	
$\begin{array}{ c c c } \hline \label{eq:constraint} \hline eq:const$	· · · · · ·	Posts Coating			7	7	Galvanized posts painted over, paint peeling.
Sidewalk X X X Girder Detail Ratings 1 (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 0 Now 0 0 1 0 Girders 14-Fe> 4 2 Last Complete Inspection Dxet 14-Fe> 4 2 Cracking (Y/N) Yes 4 2 Spalling (Percent Area) 5 4 2 Spalling (Percent Area) 5 4 2 Kit or Connector Pocket Grouter (Y/N) Vertical (Y/N) No 1 Span Alignment Problems No A 4 Vertical (Y/N) No 0 4	U	v					
Girder DetailRatingsIOIN (count)1 (count)2 (count)3 (count)Last000Now001Girders010Girders14-Feb-201242Last Complete Inspection Date14-Feb-20125Cracking (Y/N)Yes55Spalling (Percent Area)55Lift or Connector Pocket5Graced (Y/N)55Span Alignment Problems5Vertical (Y/N)NoVertical (Y/N)NoIntraced (Y/N)NoKertical (Y/N)NoKer		(NT)			V		
N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 0 Now 0 0 1 0 Girders 4 2 Last Complete Inspection Date 14-Feb-2012 4 2 Cracking (Y/N) Yes I 4 2 Spalling (Percent Area) 5 I 5 <	Sidewalk				^		
N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 0 Now 0 0 1 0 Girders 4 2 Last Complete Inspection Date 14-Feb-2012 4 2 Cracking (Y/N) Yes I 4 2 Spalling (Percent Area) 5 I 5 <	Girder Detail	Ratings					
Last 0 0 0 0 Now 0 0 1 0 Girders 4 2 Last Complete Inspection Date 14-Feb-2012 68 medium width shear crack with long crack in one leg within AZ Shear crack medium .6mm 4th girder from D/S end North side of bridge. Spalling (Percent Area) 5 5 5% spalling all at drift pins - pins showing. Unknown, covered by ACP. Unknown, covered by ACP. Span Alignment Problems No 14 Vertical (Y/N) No 14 14			1 (count) 2 (coun	t) 3 (c	ount)	
Now 0 0 1 0 Girders 4 2 Last Complete Inspection Date 14-Feb-2012 4 2 Cracking (Y/N) Yes 68 medium width shear crack with long crack in one leg within AZ Shear crack medium .6mm 4th girder from D/S end North side of bridge. Lift or Connector Pocket Grouted (Y/N) 5 5 5% spalling all at drift pins - pins showing. (Number Of Girders : 11) Vertical (Y/N) No 4 2 Span Alignment Problems No 4 4 2	Last		, ,		, , , , , , , , , , , , , , , , , , , ,	,	
Girders 4 2 Last Complete Inspection Date 14-Feb-2012 68 medium width shear crack with long crack in one leg within AZ Cracking (Y/N) Yes 68 medium width shear crack with long crack in one leg within AZ Spalling (Percent Area) 5 5% spalling all at drift pins - pins showing. Lift or Connector Pocket Grouted (Y/N) Vertical (Y/N) Vertical (Y/N) (Number Of Girders : 11) Vertical (Y/N) No Vertical (Y/N) No		-					
Last Complete Inspection Date 14-Feb-2012 Cracking (Y/N) Yes Spalling (Percent Area) 5 Lift or Connector Pocket Grouted (Y/N) Spalling all at drift pins - pins showing. (Number Of Girders : 11) Unknown, covered by ACP. Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N)		-	, v		Δ	-	
Cracking (Y/N) Yes G8 medium width shear crack with long crack in one leg within AZ Spalling (Percent Area) 5 5 Lift or Connector Pocket 5% spalling all at drift pins - pins showing. Grouted (Y/N) Vertical (Y/N) (Number Of Girders : 11) No Span Alignment Problems Vertical (Y/N) Vertical (Y/N) No Horizontal (Y/N) No		te Inspection F	ate 14	-Feb-2012	+	2	
Spailing (Percent Area) 5 bridge. Lift or Connector Pocket Grouted (Y/N) 5% spalling all at drift pins - pins showing. Unknown, covered by ACP. Span Alignment Problems Unknown, covered by ACP. Vertical (Y/N) No Horizontal (Y/N) No							$G8$ medium width shear crack with long crack in one leg within $\Delta 7$
Lift or Connector Pocket Grouted (Y/N) Shago. (Number Of Girders : 11) 5% spalling all at drift pins - pins showing. Unknown, covered by ACP. Span Alignment Problems Vertical (Y/N) Vertical (Y/N) No Horizontal (Y/N) No		· · · · · · · · · · · · · · · · · · ·					Shear crack medium .6mm 4th girder from D/S end North side of
Grouted (Y/N) Image: Constant of the second se			5				bridge. 5% spalling all at drift pins - pins showing
Unknown, covered by ACP. Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No Image: Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"Cols							
Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	· · · · ·	,	1				Unknown, covered by ACP.
Vertical (Y/N) No Horizontal (Y/N) No		· · · · ·	S				
Horizontal (Y/N) No)			
	· · · ·						
Supersuluciule General Natility 4 2					A	-	
	Superstruct	are General R	anny		4	4	

Alberta Transportation

					Subst	ructure					
Bridge Com	ponent			Last	Now	Explanation of Condition					
Abutments											
(Extended	Backwall Piles	s (Y/N) : Y)									
(Extended	Backwall Piles	s Spacing(mm	n) : 1600)								
(Total Numbe	er of Caps/Co	rbels : 8:8)				356x305 cap & 150x300 spacer cap each abut.					
Bearing Seat	s/Caps/Corbe	ls Detail Ratir	ngs			_					
	N (count)	1 (count)	2 (count)	3 (cou	unt)						
Last	0	0	0		0						
Now	0	0	0		0	Cap rolling, not sitting on all piles.					
Bearing Seat	s/Caps/Corbe	ls		4	4	Spacer cap end rot at NW corner.					
(Type : TRI	EATED TIMB	ER)									
(Depth(mm) : 356)										
(Width(mm)) : 305)										
Backwalls/Br	· · · · · · · · · · · · · · · · · · ·			5	5						
Greatest H	eight (m)	2.00									
Wingwalls	. . ,			4	4	240x70mm. Some dirt showing SE wingwall. Piles pushing 70mm.					
(Total Numbe	er of Bearing F	Piles : 0:0)									
Piles Detail R	atings										
	N (count)	1 (count)	2 (count)	3 (cou	unt)						
Last	0	0	0		0						
Now	0	0	0		0						
Piles				4	4	NE pile split.					
Paint/Coating					X						
Abutment Stability					4	Piles moving from under caps.					
Scour/Erosio	Scour/Erosion					Ice covered.					
Piers/Bents											
(Type :)											
(Total Numbe	er of Caps/Co	rbels :)									
Bearing Seat	s/Caps/Corbe	ls Detail Ratir	ngs								
	N (count)	1 (count)	2 (count)	3 (cou	unt)						
Last	0	0	0		0						
Now											
Bearing Seat	s/Caps/Corbe	ls		Х	X						
(Type :)											
(Depth(mm):)										
(Width(mm)):)										
(Total Numbe	er of Bearing F	Piles :)									
Piles Detail R	atings										
	N (count)	1 (count)	2 (count)	3 (cou	unt)						
Last	0	0	0		0						
Now											
Pier Shaft/Pil	es			X	X						
Greatest H	eight (m)										
Bracing/Strut				7	7	150 x 200 mm struts.					
Nose Plate				X	X						
Paint/Coating)			Х	X						
(Colour De	scription :)										
(Colour Co	de :)										

Alberta Transportation

			Subst	ructure					
Bridge Component		Last	Now	Explanation of Condition					
Pier Stability		X	X						
Scour		Х	Х						
Debris (Y/N)	No								
Substructure General Rating		4	4						
		S	Structu	re Usage					
		Last	Now	Explanation of Condition					
Channel									
(U/S Direction : W)				Poor U/S end.					
(D/S Direction : E)				No defined channel.					
Alignment		4	4						
Bank Stability		4	5						
HWM (m below Top of Curb)				HWM not visible.					
Drift (Y/N)	Yes			Old piles in stream.					
Slope Protection		N	N	Under water.					
(Type:)									
Guidebank/Spurs		X	X						
Adequacy of Opening		4	5	Reduced due to struts.					
(Fish Compensation Measure 1	: NONE)		1						
(Fish Compensation Measure 2	: NONE)								
Channel General Rating		4	5						

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Bridge Inspection & Maintenance System (Web 2005)

09033 -1 Bridge

		Maintenance Recommendations	scommendations						
Inspector Recommendations	Year	Inspector Comments	Depart	Department Comments	S	Ĥ	Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL									
SEAL CURBS									
PATCH DECK	2012	Expose connector lift pockets, place non-shrink grout if problems apparent, and restore connectors to std.	non-shrink ore						
OVERLAY DECK									
STRAIGHTEN/REPLACE MEMBERS									
WASHING									
SHOTCRETE REPAIRS									
CORE TIMBER CAPS/CORBELS									
REPAIR/REPLACE TIMBER CAPS									
REPAIR ABUTMENT SCOUR/EROSION									
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION									
INSTALL STRUTS									
OTHER ACTION	2012	Patch ACP potholes.							
OTHER ACTION	2012	Band split pile @ NE.							
OTHER ACTION									
OTHER ACTION	_								
Structural Condition Rating (Last/Now) (%)) 44.4/33.3	3.3 Sufficiency Rating (Last/Now) (%)	Vow) 53.5/56.3		Est. Repl. Yr	2020	Maint. Reqd. (Y/N)		Yes
Special Shear crack in G8 rea Comments for Next Inspection	mins unchan	Shear crack in G8 reamins unchanged from 2005, no action required.	Department Comments	ment ents					
Maintenance Reviewed By			Date			Est	Estimated Total	0	
Proposed Long-Term Strategy 2	003.08.18 As	2003.08.18 Assess in 2010. Bridge should be good until 2010	ntil 2010.						
On 3-Year Program (Y/N)									
Proposed Action									
Previous Inspector's Name	Dave Lam		Previous Assistant's Name	t's Name					
Next Inspection Date 1.	14-May-2015		Previous Inspection Date	in Date	17-Sep-2005				
Inspection Cycle (Default) (months) 39	0								
Comment									

					Maintenance Re	ecommend	ations						
Inspector Recommendations			Year	Inspecto	or Comments		Department C	Comme	nts		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL													
SEAL CURBS													
PATCH DECK			2012	shrink g	connector lift pockets, place rout if problems apparent, a ors to std.	e non- and restore	Programmed			2013			
OVERLAY DECH													
STRAIGHTEN/R	EPLACE MEMBERS	S											
WASHING													
SHOTCRETE RE	PAIRS												
CORE TIMBER (CAPS/CORBELS												
	CE TIMBER CAPS												
	REPAIR ABUTMENT SCOUR/EROSION												
PLACE ADDITIONAL RIP RAP													
REMOVE DRIFT ACCUMULATION													_
INSTALL STRUTS													_
OTHER ACTION			2012 Patch ACP potholes.				Operations				2012		
	OTHER ACTION			2012 Band split pile @ NE.			Programmed		2013				
OTHER ACTION													
OTHER ACTION	OTHER ACTION												
Structural Condition Rating (Last/Now) (%)			44.4/33.3 Sufficiency Rating (Last (%)			/Now) 5	53.5/56.3 Est. Repl. Yr 2020			Maint. Reqd. (Y/N) Yes			
Special Comments for Next Inspection	Shear crack in G8	G8 reamins unchanged from 2005, no action requi					Department Comments	DA					
Maintenance Rev	viewed By	Darror	h Ahlsted	t			Date	05-Nov-2012 Estimated Total 0					
Proposed Long-7	erm Strategy	2003.0	2003.08.18 Assess in 2010. Bridge should be good until 2010.										
On 3-Year Progra	am (Y/N)												
Proposed Action													
Previous Inspect	or's Name	Dave I	_am			Previous	Assistant's Nar	me					
Next Inspection [Date	14-Ma	y-2015			Previous	Inspection Date	e	17-Sep-2005				
	(Default) (months)	39	-										

Comment