						В	ridge lı	nspec	tion						
Bridge File Number 00847 -1 Bridge							J		Form Type			PCS			
Year Built/Year 1995/1995									Lot No.			2			
Supstr Bridge or Town Name THREE HILLS									Inspector Name			Dave Lam			
Bridge or Town			-0.0.14/4		2000	Inspe	Inspector Class		BR CLS A						
Located Over		ST	HILLS CREEK, 3.50.2, WATERCRS-					Assistant Name							
Located On	C1 17.907					Assis	Assistant Class								
Water Body Cl./	Year		<u> </u>					Inspe	ection [	Date		15-Jul-2011			
Navigabil. Cl./Ye									Entry I	Зу		Marcia Chavez			
Legal Land Loca	C 3 TWP 32 RGE 24 W4M						Entry I	Date		15-Aug-2011					
Longitude, Latitu		-113:20						Revi	ewer N	ame		John O'Brien			
Road Authority			Transporta		T)			Revi	Review Date 27-Jul-2011						
Contract Main.	Area	CMA20	•	,	,			Dept. Reviewer Name			Andrew Smikles				
Clear Roadway/	Skew	10 /						Dept	. Revie	w Date		29-Aug-201	1		
AADT/Year		2,520 / 2	2010 (A)					Follo	w-Up E	Зу					
Road Classificat	tion	RAU-21													
Detour Length (	km)	6													
Allowable Load		ngle CS	1 28		Semi	CS2 49			-	Train	cs	3 62		> On Crit	ical Spans
D : 1 !!														>Critical Member	
Design Loading:		68	750			P.o	etina li	nform	ation					> Primary	/ Span
Required Load F	Required Load Posting (t)			Single			r Osung iii		nformation Semi				Truc	k Train	
Posted Loading		7 (-7		Single				Semi				Truck Train			
Posted:	Lane	EB			tion (Y/N	on (Y/N) No				Advance (Y/N)		No		idge (Y/N)	No
Posted:	Lane							In Advance (Y/N)			No	At Bridge (Y/N)		No	
Remarks Not required.						-/				(1)	,	1110		1292 (1711)	1.15
Hazard Marker At Bridge (Y/N) Yes															
Remarks		5 - ( - /	0.5m of	fline, too	low, not	to	std. Kno	ocked	down a	t NW c	orne	er.			
Other Sign Type	es			,											
0 71						Uti	ilities (L	Locate	ed at)						
Utility Attachme	nts														
Telephone	In So	uth ditch.						Gas							
Power	3 line	e 19 m North.						Muni	icipal						
Others								Problem (Y/N) No							
Remarks															
							Approa	ch Ro	ad						
					La	ast	Now	Explanation of Condition							
Horizontal Align						8	8	Cres	t curve	400m	East	t, limited sigh	t dista	nce.	
Vertical Alignme						7	7								
Roadway Width (m)		11.500					W ap	proach	settle	d ~2	0mm (photo)	holo \	N of appropr	ch slab (photo).	
Approach Bump					4 4		vv ap	product	1 111 VVD	∟ Ilć	ı əiiidii poi	iioie \	v oi appioac	, η διαυ (μποιο).	
Guardrail (Y/N)		Yes	Yes												
Guardrail			I		7 7										
Length (m)			15.200					Annr	'ΩX 100	mm hel	low.	standard heig	iht (tv	nical) & slope	es down
Current Stand	•	N)	No					towa	rds TD	end-ph	oto.		ייי (נאַן	olodij & slopi	OG GOVVII
Termination T	ype		TURNE	D DOWI	N										
Drainage						6	6								
Approach Road	d Gene	eral Ratir	ng			6	7								

					,	Supers	structure				
Bridge Comp							Explanation of Condition				
(Primary Spa	n : <b>SCC, 3 S</b> p	ans, L	engths	(m): 12-12-12,	, A-Ideı	nt Nun	nber: )				
Special Feat	ures										
Special Featu	ıre					X					
(Type:)					1	_					
Special Featu	ıre					X					
(Type:)											
Wearing Surface/Deck Top Detail Ratings											
	N (%)	1 (%)	)	3 (%)							
Last											
Now	0.0		0.0	0.0		0.0					
Wearing Surf (Material Ty COAT)		ETE -	CONVE	NTIONAL CHI	6   <b>P SEA</b>	4    L	(Narrow cracks in grid pattern. Previously sealed. 17Mar2005). Local chipseal bare spots in EBL (photo).				
(Thickness)	(mm) : <b>50</b> )										
Lateral Conne	`	n	No								
Deck Top					N	N					
Deck Rideabi	lity				8	8					
Deck Joints					8	8	Buffer angle.				
Bump (Y/N)			No								
Deck Drainag	je				4	7					
Drains Clog	ged (Y/N)		No								
Curbs/Mediar	า				5	5					
(Curb Type	: Standard)										
Scaling (Pe	rcent Area)		0								
Bridge Rail					8	8					
(Type : GAI	LVANIZED S	TEEL I	BRIDGE	TUBE)							
Bridge Rail P	osts				5	5					
(Type : GAI STEEL)	LVANIZED P	OST S	TEEL;G	ALVANIZED	POST						
Bridge Rail/P	osts Coating				8	8					
(Type : <b>GA</b> l	LVANIZED)										
Sidewalk					X	X					
Girder Detail	Ratings										
	N (count)	1 (co	unt)	2 (count)	3 (cou	ınt)					
Last											
Now	0		0	0		0					
Girders					7	7	Cap seal peeling on fascia 5%.				
Last Complete Inspection Date 15-Jul-2011				2011			Staining in deck U/S around drains (typical).				
Cracking (Y/N) No											
Spalling (Percent Area) 0											
Lift or Connector Pocket Grouted (Y/N)											
(Number Of C	(Number Of Girders : 30)										
Span Alignm	ent Problem	s									
Vertical (Y/I	N)		No								
Horizontal (	Y/N)		No								
Superstructu	ure General F	Rating			7	7					

					Subst	ructure
Bridge Com	ponent			Last	Now	Explanation of Condition
Abutments				1=3.01	,	
(Extended	Backwall Piles	(Y/N) : <b>N</b> )				Typical SC substructure.
(Extended	Backwall Piles	Spacing(mm	):)			
(Total Number	er of Caps/Cort	bels : <b>1:1</b> )				
Bearing Seat	s/Caps/Corbels	s Detail Ratin	gs			
	N (count)	1 (count)	2 (count)	3 (cou	ınt)	
Last						
Now	0	0	0		0	
Bearing Seat	Bearing Seats/Caps/Corbels					
(Type : CO	(Type : CONCRETE)					
(Depth(mm	n):)					
(Width(mm	):)					
Backwalls/Br	eastwalls			X	Х	
Greatest H	eight (m)	1.30				
Wingwalls		·		8	8	
(Total Number	er of Bearing P	iles : <b>0:0</b> )				
Piles Detail F		,				
	N (count)	1 (count)	2 (count)	3 (cou	ınt)	
Last						
Now	100	0	0		0	
Piles				N	N	
Paint/Coating	9			7	7	
Abutment Sta	ability			8	8	
Scour/Erosio	n			8	8	
Piers/Bents	ID COLID)					No anyone strip heaving an apparate
(Type : PIE		h a la \				Neoprene strip bearing on concrete.
	er of Caps/Corbol	· · · · · · · · · · · · · · · · · · ·	<b>a</b> o			
bearing Seat	aring Seats/Caps/Corbels Detail Ratings  N (count) 1 (count) 2 (count)					
Last	iv (court)	i (count)	Z (COUIII)	3 (cou	1111)	
Now	0	0	0		0	
	ts/Caps/Corbel	1		8	8	
(Type : CO	· · · · · · · · · · · · · · · · · · ·					
(Depth(mm						
(Width(mm						
	er of Bearing P	iles : 0:0)				
Piles Detail F						
z z stan i	N (count)	1 (count)	2 (count)	3 (cou	ınt)	
Last	(223)	(3.3)	- (	2 (550	,	
Now	0	0	0		0	Med. wide vert. cracking.
Pier Shaft/Pi	les			6	6	_
Greatest Height (m) 4.80						1
Bracing/Struts/Sheathing					Х	
Nose Plate	Nose Plate					
Paint/Coating	9			5	5	Superficial rusting/pitting on noseplate.
	scription : )					Blue - noseplate only.
(Colour Co						
Pier Stability	· · · · · · · · · · · · · · · · · · ·			8	8	

			Subst	ructuro				
Bridge Component		Last	Now	Explanation of Condition				
Scour		N	NOW 4	Explanation of Condition  Small scour at u/s end of P2 (photo), only at high water.				
Debris (Y/N)	Yes			Old piles at toe of E hslp.				
Substructure General Rating			6					
		5	Structu	re Usage				
		Last	Now	Explanation of Condition				
Channel								
(U/S Direction : N)				Meandering.				
(D/S Direction : S)								
Alignment			7					
Bank Stability			6					
HWM (m below Top of Curb)				HWM not visible.				
Drift (Y/N)	No							
Slope Protection		7	7					
(Type : CONCRETE; CONC	RETE)							
Guidebank/Spurs	·	Х	Х					
Adequacy of Opening		7	7					
(Fish Compensation Measure 1	: NONE)							
(Fish Compensation Measure 2	2 : NONE)							
Channel General Rating		7	7					

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Bridge Inspection & Maintenance System (Web 2005)

REPAIR/REPLACE BRIDGE RAIL SEAL CURBS 2011 PATCH DECK OVERLAY DECK STRAIGHTEN/REPLACE MEMBERS WASHING 2011 SHOTCRETE REPAIRS CORE TIMBER CAPS/CORBELS REPAIR/REPLACE TIMBER CAPS REPAIR/REPLACE TIMBER CAPS REPAIR ABUTIMENT SCOUR'EROSION PLACE ADDITIONAL RIP RAP REMOVE DRIFT ACCUMULATION INSTALL STRUTS OTHER ACTION 2011 Patch bare deck where chipseal is worn-off. OTHER ACTION 2011 Patch bare deck where chipseal is worn-off. OTHER ACTION 2011 Patch bare deck where chipseal is worn-off. OTHER ACTION 2011 Upgrade guardrail to meet standard.  OTHER ACTION 2011 Upgrade guardrail to meet standard height ® next major rehab.  OTHER ACTION OTHER			Mai	intenance Recommen	dations					
SEAL CURBS PATCH DECK  OVERLAY DECK  STRAIGHTEN/REPLACE MEMBERS WASHING SHOTCRETE REPAIRS  CORE TIMBER CAPS/CORBELS REPAIR/REPLACE TIMBER CAPS REPAIR ABUTIMENT SCOURTEROSION PLACE ADDITIONAL RIP RAP PLACE ADDITIONAL RIP RAP REMOVE DRIFT ACCUMULATION INSTALL STRUTS  OTHER ACTION OTHER ACTION OTHER ACTION 2011 Patch Wasproach settlement & pothole. OTHER ACTION OTHER AC	Inspector Recommendations	Year	Inspector Comments		Department Comm	nents		Target Year	Est. Cost	Cat #
PATCH DECK OVERLAY DECK OVERLAY DECK STRAIGHTENREPLACE MEMBERS WASHING SHOTCRETE REPAIRS CORE TIMBER CAPS/CORBELS REPAIRREPLACE TIMBER CAPS REPAIR RBUTMENT SCOUR/EROSION PLACE ADDITIONAL RIP RAP PLACE ADDITIONAL RIP RAP PLACE ADDITIONAL RIP RAP OTHER ACTION OTHER A	REPAIR/REPLACE BRIDGE RAIL									
OVERLAY DECK STRAIGHTENREPLACE MEMBERS WASHING SHOTCRETE REPAIRS CORE TIMBER CAPS CORE TIMBER CAPS REPAIR/REPLACE TIMBER CAPS REPAIR/REPAIR/REPLACE TIMBER CAPS REPAIR/REPAIR/REPAIR/RE	SEAL CURBS	2011								
STRAIGHTEN/REPLACE MEMBERS WASHING 2011 SHOTCRETE REPAIRS CORE TIMBER CAPS/CORBELS REPAIR/REPLACE TIMBER CAPS REPAIR ABUTMENT SCOUR/EROSION PLACE ADDITIONAL RIP RAP 2011 Riprap small scour hole at u/s end of P2. REMOVE DRIFT ACCUMULATION INSTALL STRUTS OTHER ACTION 2011 Patch bare deck where chipseal is worn-off. OTHER ACTION 2011 Re-install hazard markers to meet standard. OTHER ACTION 2011 Patch W approach settlement & pothole. Upgrade guardrail to meet standard height @ next major rehab.  OTHER ACTION OT	PATCH DECK									
WASHING SHOTCRETE REPAIRS CORE TIMBER CAPS/CORBELS REPAIR,REPLACE TIMBER CAPS REPAIR,REPAIR CAPS REPAIR,REPAIR CAPS REPAIR,REPLACE TIMBER CAPS REPAIR REPAIR CAPS REPAIR REPAIR CAPS REPAIR REPAIR CAPS REPAIR REPAIR CAPS REPAIR ABOUTTANT CAPS REPAIR REPAIR CAPS REPAIR REP	OVERLAY DECK									
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 OTHER AC	STRAIGHTEN/REPLACE MEMBERS									
CORE TIMBER CAPS/CORBELS REPAIR/REPLACE TIMBER CAPS REPAIR ABUTMENT SCOUR/EROSION PLACE ADDITIONAL RIP RAP 2011 Riprap small scour hole at u/s end of P2.  REMOVE DRIFT ACCUMULATION INSTALL STRUTS OTHER ACTION 2011 Patch bare deck where chipseal is worn-off. OTHER ACTION 2011 Patch W approach settlement & pothole. OTHER ACTION 2011 Patch W approach settlement & pothole. OTHER ACTION 2011 Upgrade guardrail to meet standard height @ next major rehab.  OTHER ACTION OTHER A	WASHING	2011								
REPAIR/REPLACE TIMBER CAPS REPAIR ABUTMENT SCOUR/REROSION PLACE ADDITIONAL RIP RAP 2011 Riprap small scour hole at u/s end of P2.  REMOVE DRIFT ACCUMULATION INSTALL STRUTS OTHER ACTION 2011 Patch bare deck where chipseal is worn-off. OTHER ACTION 2011 Patch W approach settlement & pothole. Upgrade guardrail to meet standard height @ next major rehab.  OTHER ACTION OT	SHOTCRETE REPAIRS									
REPAIR ABUTMENT SCOUR/EROSION PLACE ADDITIONAL RIP RAP 2011 Riprap small Scour hole at u/s end of P2.  REMOVE DRIFT ACCUMULATION INSTALL STRUTS OTHER ACTION 2011 Patch bare deck where chipseal is worn-off. OTHER ACTION 2011 Patch Waproach settlement & pothole. OTHER ACTION 2011 Upgrade guardrail to meet standard height @ next major rehab.  OTHER ACTION O	CORE TIMBER CAPS/CORBELS									
PLACE ADDITIONAL RIP RAP  REMOVE DRIFT ACCUMULATION INSTALL STRUTS  OTHER ACTION OT	REPAIR/REPLACE TIMBER CAPS									
REMOVE DRIFT ACCUMULATION INSTALL STRUTS OTHER ACTION 2011 Patch bare deck where chipseal is worn-off. OTHER ACTION 2011 Re-install hazard markers to meet standard. OTHER ACTION 2011 Patch W approach settlement & pothole. OTHER ACTION OTHE	REPAIR ABUTMENT SCOUR/EROSIC	N								
INSTALL STRUTS OTHER ACTION OTHER ACTION OTHER ACTION 2011 Patch bare deck where chipseal is worn-off. OTHER ACTION 2011 Re-install hazard markers to meet standard. OTHER ACTION 2011 Upgrade guardrail to meet standard height @ next major rehab.  OTHER ACTION OTHER	PLACE ADDITIONAL RIP RAP	2011	Riprap small scour hole	e at u/s end of P2.						
OTHER ACTION OTHER	REMOVE DRIFT ACCUMULATION									
OTHER ACTION OTHER	INSTALL STRUTS									
OTHER ACTION 2011 Patch W approach settlement & pothole.  OTHER ACTION 2011 Upgrade guardrail to meet standard height @ next major rehab.  OTHER ACTION Department Comments for Next Inspection Monitor cracking in piers.  Special Comments for Next Inspection Monitor cracking in piers.	OTHER ACTION	2011	Patch bare deck where	chipseal is worn-off.						
OTHER ACTION  Structural Condition Rating (Last/Now)  (%)  Special  Comments for Next Inspection  Monitor cracking in piers.	OTHER ACTION	2011	Re-install hazard marke	ers to meet standard.						
OTHER ACTION  Structural Condition Rating (Last/Now) (%)  Special Comments for Next Inspection  Monitor cracking in piers.  Department Comments Comments	OTHER ACTION	2011	Patch W approach sett	lement & pothole.						
OTHER ACTION  Structural Condition Rating (Last/Now) 72.2/72.2 Sufficiency Rating (Last/Now) 74.2/63.0 Est. Repl. Yr 2044 Maint. Reqd. (Y/N) Yes  Special Comments for Next Inspection  Monitor cracking in piers.  Department Comments	OTHER ACTION	2011		eet standard height @						
OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION  Structural Condition Rating (Last/Now) 72.2/72.2 Sufficiency Rating (Last/Now) 74.2/63.0 Est. Repl. Yr 2044 Maint. Reqd. (Y/N) Yes  Special Comments for Next Inspection  Monitor cracking in piers.  Department Comments	OTHER ACTION									
OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION  Structural Condition Rating (Last/Now) 72.2/72.2 Sufficiency Rating (Last/Now) 74.2/63.0 Est. Repl. Yr 2044 Maint. Reqd. (Y/N) Yes  Special Comments for Next Inspection  Monitor cracking in piers.  Department Comments	OTHER ACTION									
OTHER ACTION OTHER ACTION  Structural Condition Rating (Last/Now) 72.2/72.2 Sufficiency Rating (Last/Now) 74.2/63.0 Est. Repl. Yr 2044 Maint. Reqd. (Y/N) Yes  Special Comments for Next Inspection  Monitor cracking in piers.	OTHER ACTION									
Structural Condition Rating (Last/Now) 72.2/72.2 Sufficiency Rating (Last/Now) 74.2/63.0 Est. Repl. Yr 2044 Maint. Reqd. (Y/N) Yes  Special Comments for Next Inspection Special Comments Special Comments for Next Inspection Special Comments Specia	OTHER ACTION									
Structural Condition Rating (Last/Now) 72.2/72.2 Sufficiency Rating (Last/Now) 74.2/63.0 Est. Repl. Yr 2044 Maint. Reqd. (Y/N) Yes  Special Comments for Next Inspection Structural Condition Rating (Last/Now) 74.2/63.0 Est. Repl. Yr 2044 Maint. Reqd. (Y/N) Yes	OTHER ACTION									
(%)  Special Comments for Next Inspection  Monitor cracking in piers.  Department Comments  Comments	OTHER ACTION									
Comments for Next Inspection Comments	Structural Condition Rating (Last/No. (%)	w) 72.2/72	Sufficiency F	Rating (Last/Now)	74.2/63.0	Est. Repl. Yr	2044	Maint. Re	qd. (Y/N)	Yes
Maintenance Reviewed By  Date  Estimated Total 0		piers.			Department Comments					
	Maintenance Reviewed By				Date		E	stimated Tota	I 0	
	Proposed Long-Term Strategy									
On 3-Year Program (Y/N)	On 3-Year Program (Y/N)									
	Proposed Action									
Previous Inspector's Name Dave Lam Previous Assistant's Name	Previous Inspector's Name	Dave Lam		Provious	· Δesistant's Namo					
	Next Inspection Date									
				Fievious	mopection Date	,				

Alberta Transportation Bridge Inspection & Maintenance System (Web 2005)

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Comment