							В	ridge Ir	nspection	n						
Bridge File Num	ber	770	83 -1	Bridge									PCS			
Year Built/Year									Lot No.	•			4			
Supstr Bridge or Town Name COALD Located Over SMR - Located On 845:02 Water Body Cl./Year Navigabil. Cl./Year Legal Land Location SW SE Longitude, Latitude -112:37 Road Authority Alberta Contract Main. Area CMA25 Clear Roadway/Skew 10.8 / 1 AADT/Year 800 / 2 Road Classification RCU-2 Detour Length (km) 3 Allowable Load (t): Single CS Design Loading: MS Required Load Posting (t) Posted: Lane NB Posted: Lane SB Remarks Not required. Hazard Marker At Bridge (Y/N) Remarks Other Sign Types Utility Attachments Telephone Power		COALDALE						Inspector Name			Garry Roberts					
	Name					TED			Inspector Class			BR CLS A				
						TERC	RS-I	C	Assistar	nt Nam	ne					
	. ,	845	:02 C	1 21.744					Assistar	nt Clas	SS					
									Inspecti	on Da	te		20-Mar-2012	2		
		0)4/	050	4.4. TVA/D	0.000.0	0.14/48	•		Data Entry By Lau			Lauren Korte	∟auren Korte			
						:0 VV4N	M		Data Entry Date		12-Apr-2012					
			-112:37:23, 49:38:42						Reviewer Name			Tom Carey				
				ransporta	ation (All)			Review	Date			23-Mar-2012	2		
			da = . (DI	IE\				Dept. R	eviewe	er Na	ame	Tim Davies				
	Skew				117)				Dept. R	eview	Date)	17-Apr-2012			
	lion								Follow-l	Uр Ву						
			J-209	-110					-							
				28		Sami		22.40		Tr	ain	CS	3 62		> On Critic	eal Spans
Allowable Load	(1).	rigic	001	20		Ociiii		72 73		110	AII I		02		>Critical Member> Primary Span uck Train Bridge (Y/N) No Bridge (Y/N) No	ember
Design Loading:			MS3	00						Lot No. 4 Inspector Name Garry Roberts Inspector Class BR CLS A Assistant Name Assistant Class Inspection Date 20-Mar-2012 Data Entry By Lauren Korte Data Entry Date 12-Apr-2012 Reviewer Name Tom Carey Reviewer Name Tim Davies Dept. Reviewer Name Tim Davies Dept. Reviewer Date 17-Apr-2012 Dept. Reviewer Date Truck Train Semi Truck Train Semi Truck Train In Advance (Y/N) No At Bridge (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No In Advance Of Condition Curve 200m South. Slight sag curve to the North, good sight distance. Wrong lap at SW and NE but well off roadway. All four corners - type 6.	Span					
							Ро	sting Ir	nformatio	on			1			
Required Load Posting (t)				Single					Sen	ni				Truc	k Train	
Posted Loading	sted Loading (t)			Single					Semi				Tru		k Train	
Posted:	Lane							No					No	At B	ridge (Y/N)	No
Posted:					At Junct	ion (Y	/N)	No	In A	Advano	ce (Y	/N)	No	At B	ridge (Y/N)	No
Remarks	Not r	equire	ed.													
Hazard Marker	At Bric	dge (Y	/N)	Yes												
Other Sign Type	es			Curve.												
Little Attackers	-1-						Uti	ilities (L	_ocated a	at)						
	nts								0							
										اما						
Navigabil. CI./Year Legal Land Location SW SE Longitude, Latitude -112:3 Road Authority Alberta Contract Main. Area CMA29 Clear Roadway/Skew 10.8 / 2 Road Classification RCU-2 Road Classification RCU-2 Detour Length (km) 3 Allowable Load (t): Single C3 Design Loading: M Required Load Posting (t) Posted Loading (t) Posted: Lane NB Posted: Lane NB Remarks Not required. Hazard Marker At Bridge (Y/N) Remarks Other Sign Types Utility Attachments Telephone Power Others Water pipelin Remarks Horizontal Alignment Vertical Alignment Roadway Width (m) Approach Bump Guardrail (Y/N) Guardrail Length (m) Current Standard (Y/N) Termination Type Drainage			incline to West													
	inger or Town Name COALDALE cated Over SMR - IRRIGATION C, Vocated On 845:02 C1 21.744 ater Body CI./Year Invigabil. Invitabil. Invitabil. Inv								Troblem (1/14) NO							
Remarks								Annroa	ch Poad							
						Data Entry Date 12-Apr-2012 Reviewer Name Tom Carey Review Date 23-Mar-2012 Dept. Reviewer Name Tim Davies Dept. Review Date 17-Apr-2012 Follow-Up By Semi										
Horizontal Alian	ment								†							
													North, good s	sight (distance.	
J																
				I												
-				8.000				1								
)						8	7								
`				Yes				T -						t road	dway.	
				7.000			7	5								
<u> </u>		//N I)														
	•	/IN)			ــــــــــــــــــــــــــــــــــــــ				-							
	ype			Fiare er	ıa		7	7								
Drainage							7	7								
Approach Road	d Gen	eral R	Rating]			5	5								
	Telephone Power Others Water pipeline to West. Remarks Horizontal Alignment Vertical Alignment Roadway Width (m) 8.000 Approach Bump Guardrail (Y/N) Yes Guardrail Length (m) 7.300 Current Standard (Y/N) No Termination Type Flare end															

				(Supers	structure				
Bridge Com	ponent			1		Explanation of Condition				
	n : SMC, 4 Sp	ans, Lengths	s(m): 8-11-11-	B, A-Ide	ent Nui	mber:)				
Special Feat	ures									
Special Feat					Х					
(Type:)										
Special Feat	ure				X					
(Type:)										
	ace/Deck Top	Detail Rating								
vvcaring can										
Last	14 (70)	1 (70)	2 (70)	3 (%)						
Now	0.0	0.0	0.0	0.0						
Wearing Surf		0.0	0.0	6	6	Some longitudinal & transverse cracks.				
(Material Ty				0	0	Some longitudinal & transverse cracks.				
(Thickness	-									
	ection Problem	n No								
(Y/N)	ection Problem	1 NO								
Deck Top				N	N					
20011 104										
Deck Rideab	ility			8	7					
Deck Joints				X	N	Paved over.				
Bump (Y/N)	No								
Deck Drainag	ge			7	7					
Drains Clog	gged (Y/N)	No								
Curbs/Media	n			6	6	Longitudinal, hairline cracks on top, outside & inside. Uneven curb				
(Curb Type	: Standard)					line, grader scrapes at corners.				
	ercent Area)	0								
Bridge Rail	,			8	8					
	LVANIZED ST	FFI BRIDGE	TURE)			7 post A/B nuts with less than full thread.				
Bridge Rail P		LLL DIVIDOL	i i obe,	8	4					
	LVANIZED PO	OST STEEL;G	ALVANIZED							
Bridge Rail/P	Posts Coating			8	7					
	LVANIZED)									
Sidewalk	LVANIZED)			Х	Х					
Sidewalk				^	_ ^					
Girder Detail	Ratings									
	N (count)	1 (count)	2 (count)	3 (cou	ınt)					
Last	,		,							
Now	0	0	0		0					
Girders				5 6		Hairline horizontal cracks @ fascia. Typical narrow cracks @ bottom				
	te Inspection D	ate 20-Mar	-2012			of most.				
Last Complete Inspection Date 20-Mar-2012 Cracking (Y/N) Yes										
Spalling (Percent Area) 0										
Lift or Connector Pocket Yes										
Grouted (Y/N)										
(Number Of 0	Girders : 10)									
Span Alignm	nent Problems	6								
Vertical (Y/	N)	No								
Horizontal	(Y/N)	No								
	ure General R	ating		5	6					
		•								

					Subst	ructure
Bridge Comp	onent			Last	Now	Explanation of Condition
Abutments						
(Extended E	Backwall Piles	s (Y/N) :)				
(Extended E	Backwall Piles	Spacing(mm):)			
(Total Numbe						Some hairline vertical cracks.
Bearing Seats				1-,		- Come Hamme vertical cracks.
	N (count)	1 (count)	2 (count)	3 (cou	ınt)	
Last Now	0	0	0		0	
Bearing Seats		<u> </u>	0	7	7	
(Type : COI		13				
(Depth(mm)						
(Width(mm)						
Backwalls/Bre	•			Х	X	
Greatest He		1.00				1
Wingwalls	J ()			6	7	
(Total Numbe	r of Bearing F	Piles : 0:0)				
Piles Detail R						Buried.
	N (count)	1 (count)	2 (count)	3 (cou	ınt)	
Last	1					
Now	10	0	0		0	
Piles				N	N	
Paint/Coating				7	6	
Abutment Sta	bility			8	8	
Scour/Erosion	1			8	8	
Piers/Bents						
	R-COLUMN)					
(Total Numbe	· ·					
Bearing Seats				0.4	()	
Last	N (count)	1 (count)	2 (count)	3 (cou	ınt)	
Last Now						
Bearing Seats	s/Cans/Corbe	le		8	8	-
(Type : COI	·					
(Depth(mm)						
(Width(mm)	·					
(Total Number of Bearing Piles : 5:5:5)						
Piles Detail Ratings N (count) 1 (count) 2 (count)					ınt\	
Last	ra (count)	1 (COUIII)	Z (Gourn)	3 (cou	411t <i>)</i>	
Now	0	0	0		0	
Pier Shaft/Piles					8	
Greatest He		4.50		8		
Bracing/Struts				Х	Х	
Nose Plate				X	Х	

			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Paint/Coating			6	Galvanized pipe piles.
(Colour Description :)				Pigmented sealer on caps.
(Colour Code :)				
Pier Stability			8	
Scour		N	7	
Debris (Y/N) No				
Substructure General Rating		8	7	
		5	Structu	re Usage
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment		9	9	
Bank Stability		5	6	Minor sloughing @ SW.
HWM (m below Top of Curb)	3.0			No visible HWM.
Drift (Y/N)	No			
Slope Protection		8	8	
(Type: RIP RAP; RIP RAP)				
Guidebank/Spurs			Х	
Adequacy of Opening		9	7	
(Fish Compensation Measure 1	: NONE)			
(Fish Compensation Measure 2	: NONE)			
Channel General Rating		8	7	

		Maintenance Re	ecommend	ations					
Inspector Recommendations	Year	Inspector Comments		Department Comm	ents		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL									
SEAL CURBS									
PATCH DECK									
OVERLAY DECK									
STRAIGHTEN/REPLACE MEMBERS									
WASHING									
SHOTCRETE REPAIRS									
CORE TIMBER CAPS/CORBELS									
REPAIR/REPLACE TIMBER CAPS									
REPAIR ABUTMENT SCOUR/EROSI	ON								
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION									
INSTALL STRUTS									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
Structural Condition Rating (Last/N (%)	ow) 72.2/72	.2 Sufficiency Rating (Last/	Now)	71.8/71.2	Est. Repl. Yr	2043	Maint. Re	qd. (Y/N)	No
Special Comments for Next Inspection	'	,		Department Comments					
Maintenance Reviewed By				Date			Estimated Tota	1 0	
Proposed Long-Term Strategy									
On 3-Year Program (Y/N)									
Proposed Action									
Previous Inspector's Name	Tom Carey		Previous /	Assistant's Name					
Next Inspection Date	20-Jun-2015		Previous I	Inspection Date	22-Jan-2009				
Inspection Cycle (Default) (months)	39								