Form Type   SG   Year Built/Year   2011/2011   Lot No.   2   2   2   2   2   2   2   2   2							В	Bridge Ir	nspec	tion						
Var Buil/Vear   Support   Support	Bridge File Number 76026 -2 Bridge											SG				
Bridge or Town Name   DEACE RIVER   Inspector Class   Brid Frie History   Brid Frie	Year Built/Year 2011/2011									Lot No.						
Located Over										Inspector Name			Brian Pientsch			
Assistant Class		Name								Inspector Class			BR CLS A			
Located On	Located Over			EMUD KIVEK, 8.10.48, WATERCRS-					Assistant Name							
Data Entry By	Located On			C1 44.084					Assistant Class							
Navigabil Cl./Year   Legal Land Location   Nav SEC 1 TWP 88 RGE 21 W5M   Data Entry By   O9-Apr 2013	Water Body Cl./	Year							Inspection Date				20-Mar-2013			
Contract Main									Data	Entry	Ву		Theresa Lacusta			
Conjunce Leatinude			NW SE	SEC 1 TWP 88 RGE 21 W5M					Data	Entry	Date		•			
Contract Main. Area																
Dept. Review Date   Dept. Review Date	Road Authority		Alberta	Transport	ation (Al	T)				Review Date			03-Apr-2013	3		
ADATYNear   120 / 2012 (A)   Follow-Up By   Follo	Contract Main. A	Area	CMA04	4												
No.   No.	Clear Roadway/	Skew	9 / 0 de	eg.								)				
Detour Length (km)   50	AADT/Year		120 / 2	.012 (A)					Follo	w-Up	Ву					
Allowable Load (t):   Single   CS1 28   Semi   CS2 49   Train   CS3 62   On Critical Spans Critical Member   Primary Span	Road Classificat	tion	RCU-2	09-110												
CL800	Detour Length (I	km)	50													
Posting Information   Single   Semi   Truck Train   Posted Loading (t)   Single   Semi   33.0   Truck Train   49.0   Posted Loading (t)   Single   Semi   33.0   Truck Train   49.0   Posted: Lane   NB	Allowable Load	(t): Sin	ngle C	S1 28	28		CS	S2 49			Train CS		3 62		> On Critical Spans >Critical Member	
Required Load Posting (t)   Single   19.0   Semi   Truck Train   49.0	Design Loading:		CI	L800	800								> Primary Span			
Posted Loading (t)   Single   19.0   Semi   33.0   Truck Train   49.0							Posting Ir		nform	formation						
Posted:   Lane   NB			) (t)							Semi			Truck Train			
Posted:   Lane   SB		(t)														
Remarks Not requiredOld sign @ RR 214 & SH 743 needs to be removed.  Hazard Marker At Bridge (Y/N) No  Remarks Not req'd.  Other Sign Types  Utilities (Located at)  Utility Attachments  Telephone Gas Municipal Others Remarks  Approach Road Last Now Explanation of Condition  Horizontal Alignment 4 4 4 Road winds down valley-sharp curves.  Vertical Alignment 4 4 4 Road winds down valley-sharp curves.  Vertical Alignment 9 9 9  Guardrail (Y/N) Yes Snow covered  Current Standard (Y/N) Yes  Termination Type TURNED DOWN ENDS											· · · · ·					
Hazard Marker At Bridge (Y/N)   No   Remarks   Not req'd.													No	At B	ridge (Y/N)	No
Not req'd.					RR 214	4 & SH 7	43 r	needs to	be re	move	d					
Utility Attachments	5 \ /															
Utility Attachments				Not req	'd.											
Utility Attachments           Telephone         Gas           Power         Municipal           Others         Problem (Y/N)         No           Remarks           Approach           Last         Now         Explanation of Condition           Horizontal Alignment         4         4         Road winds down valley-sharp curves.           Vertical Alignment         4         4         Road winds down valley-sharp curves.           Vertical Alignment         9         9         Snow covered           Roadway Width (m)         9.000         Snow covered         Northwest corner.           Guardrail         9         N         Northwest corner.           Length (m)         47.000         Snow covered           Current Standard (Y/N)         Yes         Snow covered           Termination Type         TURNED DOWN ENDS         TURNED DOWN ENDS           ENDS         TURNED DOWN ENDS         TURNED TOWN ENDS           Termination Type         TURNED TOWN ENDS         TURNED TOWN ENDS	Other Sign Types							1								
Telephone	Litility Attachman	oto					Ut	ilities (L	Locate	ed at)						
Nunicipal   Problem (Y/N)   No									Coo							
Problem (Y/N)   No																
Remarks   Approach Road																
Last   Now   Explanation of Condition									FIUD	ieiii ( i	/IN)   IN	0				
Last Now Explanation of Condition           Horizontal Alignment         4         4         Road winds down valley-sharp curves. Steep grade +8%           Vertical Alignment         9.000         4	I/GIIIdi N							Annroa	ch Ro	ad						
Horizontal Alignment  Vertical Alignment  Vertical Alignment  Roadway Width (m)  Approach Bump  Guardrail (Y/N)  Yes  Guardrail  Length (m)  Current Standard (Y/N)  Termination Type  TURNED DOWN ENDS  Painage  A 4 4 8 Road winds down valley-sharp curves. Steep grade +8%  Steep grade +8%  Steep grade +8%  Snow covered Northwest corner.  Northwest corner.						La					n of Co	ondi	tion			
Vertical Alignment         4         4         4         Steep grade +8%           Roadway Width (m)         9.000         9         9           Approach Bump         9         9         Snow covered Northwest corner.           Guardrail         9         N           Length (m)         47.000         47.000           Current Standard (Y/N)         Yes         TURNED DOWN ENDS           Drainage         9         9	Horizontal Align	ment							Road winds down valley-sharp curves.							
Roadway Width (m)   9.000   9   9							4	4	Stee	p grad	e +8%					
Approach Bump  Guardrail (Y/N)  Guardrail  Guardrail  Yes  Snow covered Northwest corner.  Snow covered Northwest corner.  Tength (m)  Current Standard (Y/N)  Termination Type  TURNED DOWN ENDS  Drainage  9  9  9  Snow covered Northwest corner.				9.000	9.000											
Guardrail (Y/N) Yes Snow covered Northwest corner.  Length (m) 47.000 Current Standard (Y/N) Yes Termination Type TURNED DOWN ENDS  Drainage 9 9						9	9									
Length (m) 47.000 Current Standard (Y/N) Yes Termination Type TURNED DOWN ENDS  Drainage 9 N  47.000  9 N  9 N  9 N  9 9 N	Guardrail (Y/N)		Yes													
Current Standard (Y/N) Yes Termination Type TURNED DOWN ENDS  Drainage 9 9	Guardrail				9	N	North	nwest	corner.							
Termination Type  TURNED DOWN ENDS  Drainage  9 9	Length (m) 4		47.000													
Drainage 9 9	Current Standard (Y/N) Yes															
	Termination Type TURN				D DOW	N										
Approach Road General Rating 4 4	Drainage						9	9								
	Approach Road	d Gene	eral Rat	ing			4	4								

							structure			
Bridge Comp					Last		Explanation of Condition			
(Primary Spa	n : <b>WG, 3 Sp</b> a	ans, Le	ngths(	m): 18-25-18,	ber: )					
Special Feat						1				
Special Featu	ıre					X				
(Type:)										
Special Featu	ıre					X				
(Type:)										
Wearing Surf	ace/Deck Top		Rating							
_	N (%)	1 (%)		2 (%)	3 (%)					
Last										
Now	100.0									
Wearing Surf					X	X				
(Material Ty										
(Thickness	(mm) : )									
Deck Top					9	N	Snow covered			
Deck Rideab	ility				9	9				
Deck Joints					Х	Х				
Temperatui	re (deg. C)		-4							
(Expansion										
(Fixed Type										
Gap Size (r			Gap I	_ocation						
Deck Drainag	je				9	9				
Drains Clog	ged (Y/N)		No							
Curbs/Media	n				9	N	Snow covered			
(Curb Type	: Standard)									
Scaling (Pe	rcent Area)									
Bridge Rail					9	N	Snow covered			
(Type : GA	LVANIZED ST	TEEL B	RIDGE	TUBE)						
Bridge Rail P	osts				9	N				
(Type : GA STEEL)	LVANIZED PO	OST ST	TEEL;G	SALVANIZED	POST					
Bridge Rail/P	osts Coating				9	N				
	LVANIZED)									
Sidewalk					Х	Х				
Girder/Beam										
Cover Plate	)				X	X				
Flange					9	9				
Web					9	9				
Stiffeners					9	9				
Splice					9	9				
Weld					9	9				
Diaphragms/Cross Frame						9				

				tructure
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : WG, 3 Spans, L	engths(m): 18-25-18,	A-Iden	t Numb	per: )
Paint Condition		9	9	weathering steel
(Colour Description : )				
(Colour Code : )				
Touchup Required (Y/N)	No			
Bearings		9	9	
Temperature (deg. C)	-4			
(Expansion Type : REINFORC TEFLON AND STAINLESS ST	ED NEOPRENE BEAR (EEL)	RING W	/ITH	
(Fixed Type : REINFORCED P	AD BEARING)			
Coating Adequate (Y/N) Yes				
Functioning (Y/N)	Yes			
Deck Underside		9	9	
Stains (Percent Area)				
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating		9	9	
			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps		9	9	
(Type : <b>CONCRETE</b> )				
Backwalls/Breastwalls		9	9	
Wingwalls		9	9	
Piles		N	N	
Paint/Coating		9	9	
Abutment Stability		9	9	
Scour/Erosion		9	9	
Piers/Bents				
(Type : <b>PIER-COLUMN</b> )				
Bearing Seats/Caps		9	9	
(Type : <b>CONCRETE</b> )				
(Total Number of Bearing Piles :	4:4)			
Pier Shaft/Piles		9	9	
Bracing/Struts/Sheathing		9	9	
Nose Plate		X	X	
Paint/Coating		7	7	galvanized
(Colour Description : )				
(Colour Code : )				
Pier Stability		9	9	
Scour		9	9	
Debris (Y/N)	No			

Substructure											
Bridge Component		Last	Now	Explanation of Condition							
Substructure General Rating		9	9								
			Y								
Structure Usage  Last Now Explanation of Condition											
Channel		Lasi	INOW	Explanation of Condition							
(U/S Direction : S)											
(D/S Direction : N)											
Alignment		9	9								
Bank Stability			5	Cut banks upstream							
HWM (m below Top of Curb)				No HWM visible							
Drift (Y/N)	Yes										
Slope Protection		9	9								
(Type : RIP RAP; RIP RAP)											
Guidebank/Spurs		Х	X								
Adequacy of Opening		9	9								
(Fish Compensation Measure 1 :	NONE)	l									
(Fish Compensation Measure 2 :	NONE)										
Channel General Rating		5	9								

76026 -2 Bridge

Maintenance Recommendations												
Inspector Recommendations		Year	Inspecto	or Comments		Department Con	nments		Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL												
GALVANIZE/PAINT BRIDGE RAIL												
RETROFIT BRIDGE RAIL												
SEAL CURBS												
PATCH DECK												
SEAL DECK												
OVERLAY DECK												
REPAIR/REPLACE DECK JOINTS												
RESET/ PAINT BEARINGS												
REPAINT SUPERSTRUCTURE												
STRAIGHTEN/REPLACE MEMBERS												
WASHING												
SHOTCRETE REPAIRS												
REPAIR ABUTMENT SCOUR/EROSI	NC											
PLACE ADDITIONAL RIP RAP												
REMOVE DRIFT ACCUMULATION												
OTHER ACTION		2013	Remove 214 & H	e advance restricted loadin WY 743 intersection.	ng sign @ RR							
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
Structural Condition Rating (Last/No. (%)	ow)	100.0/100.0 Sufficiency Rating (Last/N			st/Now)	72.9/77.9	Est. Repl. Yr	2086	Maint. Red	qd. (Y/N)	Yes	
Special Comments for Next Inspection						Department Comments						
Maintenance Reviewed By						Date		E	Stimated Total	0		
Proposed Long-Term Strategy												
On 3-Year Program (Y/N)												
Proposed Action												
Previous Inspector's Name Brian		Pientsch			Previous	s Assistant's Name						
Next Inspection Date 20-3		-2016			Previous	Inspection Date 27-Sep-2011						
Inspection Cycle (Default) (months)	39											
Comment												