						:	ridge l	nspec	ction						
Bridge File Number 82400 WN-4 Bridge						Form Typ					SG				
Year Built/Year 2009/2009			5				Lot No.			3					
Supstr								Inspector Name		Garry Roberts					
Bridge or Town Name								Inspector Class			BR CLS A				
Located Over WEST NOS WATERCRS				OSE CREEK, 2.13.32.1, RS-ST				Assistant Name							
Located On RAMP 2826-1 A							Assistant Class								
Water Body Cl.	/Year							Inspection Date			20-Aug-2011				
Navigabil. Cl./Year									a Entry	Ву		Erin Roberts			
Legal Land Loc		SW SE	C 29 TWP	25 RGE	1 W5N	/		Data Entry Date			07-Sep-2011				
Longitude, Latit		-114:06	:48, 51:09	:32				Reviewer Name			Tom Carey				
Road Authority		Alberta	Transport	ation (Al	T)			Rev	iew Dat	:e		24-Aug-201	1		
Contract Main.	Area	DEERF	OOT/STO	NEY				Dept. Reviewer Name							
Clear Roadway	/Skew	9.2 /						_	t. Revie		;	08-Sep-201	1		
AADT/Year								Folk	ow-Up E	Зу					
Road Classifica	ition														
Detour Length (
Allowable Load	(t): Sir	ngle CS	1 28		Semi	CS	S2 49		Train		CS	CS3 62		> On Critical Spans >Critical Member	
Design Loading	Design Leadings CL000												> Primary Span		
Design Loading: CL800						Po	sting I	nform	nation					> i illilary c	рап
Required Load Posting (t) Single							Semi					Truck Train			
Posted Loading		, , ,		Single				Semi			Truck Train				
Posted:	Lane	WB		At Junc	tion (Y	Y/N)		In Advance (Y/N)			At Bridge (Y/N)				
Posted:	Lane	EB		At Junc	tion (Y			In Advance (Y/N)		At Bridge (Y/N)					
Remarks	Not re	eq.													
Hazard Marker At Bridge (Y/N) No															
Remarks			Not req												
Other Sign Type	es														
						Ut	ilities (Locat	ed at)						
Utility Attachme	ents														
Telephone								Gas							
Power	In are							Municipal							
Others	Light	standard	S					Problem (Y/N) No							
Remarks							A	- L D							
						Last	Now	ach Road							
Horizontal Align	ment					5	5		Explanation of Condition Curve						
Vertical Alignme						7	7	34.	Jourve						
Roadway Width (m) 9.000						Burr	np and r	oothole	s de	velopina both	ends	- East is worst			
Approach Bump				8	4		1 A								
Guardrail (Y/N) Yes						Thri	ebeam								
Guardrail				8	8	10m at exit end. 60m at approach									
Length (m) 10.000					1011	ı aı EXII	enu. Ol	лп а	ι αμμισαστι						
Current Standard (Y/N) Yes															
Termination Type Attenvation															
Drainage					7	7									
A	-1.0	I D - (1					-								
Approach Roa	Approach Road General Rating				5	5									

Bridge Component						Supers	structure
Commany Span : WG, 1 Spans, Lengths(m): 32, A-Ident Number:)	Bridge Com	ponent					
Special Feature		-	ns, Lengths(m): 32, A-Ide			
Special Feature							
CType : Special Feature						X	
Special Feature	-						
Crype : Wearing Surface/Deck Top Detail Ratings		ture				X	
Wearing Surface/Deck Top Detail Ratings							
N (%)		face/Deck Top	Detail Rating	<u> </u>			
Last	Would be a				3 (%)		
Now	Last						
Wearing Surface							
(Material Type : ACP) (Thickness(mm) : 90) Deck Top N N Paved over. Deck Rideability 8 4 Due to East approach bump. Deck Joints X X Temperature (deg. C) (Expansion Type :) (Expansion Type :) Gap Size (mm) Gap Location Deck Drainage 7 7 Drains Clogged (Y/N) No Curbs/Median 8 8 (Curb Type : Standard) Scaling (Percent Area) Scaling (Percent Area) 9 8 Trype : GALVANIZED STEEL BRIDGE TUBE) Bridge Rail Posts 9 8 Trype : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED) Sidewalk X X Girder/Beam Cover Plate X X X Flange 9 8 Web 9 8 Splice X X		_	0.0	0.0			
Chickness(mm):90							
Deck Rideability Deck Rideability Deck Joints Temperature (deg. C) (Expansion Type :) (Fixed Type :) Gap Size (mm) Deck Drainage Deck Drainage Trains Clogged (YN) Curbs/Median Scalling (Percent Area) Bridge Rail Type : GALVANIZED STEEL; GALVANIZED POST STEEL) Bridge Rail/Posts Coating Type : GALVANIZED Sidewalk X X X A Due to East approach bump. A X X X To To To							
Deck Ideability Deck Joints X X X Temperature (deg. C) (Expansion Type:) (Fixed Type:) Gap Size (mm) Gap Location Deck Drainage Torains Clogged (Y/N) No Curts:Median Scaling (Percent Area) Bridge Rail (Type: GALVANIZED STEEL BRIDGE TUBE) Bridge Rail Posts (Type: GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail/Posts Coating (Type: GALVANIZED) Sidewalk X X Girder/Beam Cover Plate X X Flange 9 8 Splice X X Siffeners 9 8 Splice X X Siffeners 9 8 Splice X X		5(11111) . 30)			NI NI		Payed eyer
Deck Joints	реск тор				IN IN	IN IN	raved over.
Temperature (deg. C)	Deck Rideat	oility			8	4	Due to East approach bump.
Temperature (deg. C)	Deck Joints				Х	X	
(Expansion Type :) (Fixed Type :) Gap Size (mm) Gap Location Deck Drainage 7 7 Drains Clogged (Y/N) No Curbs/Median 8 8 (Curb Type : Standard) Scaling (Percent Area) Scaling (Percent Area) 0 Bridge Rail 9 8 (Type : GALVANIZED STEEL BRIDGE TUBE) Bridge Rail Posts 9 8 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED Steep S		ıre (dea. C)					
(Fixed Type :) Gap Size (mm) Gap Size (mm) Gap Location Deck Drainage 7 7 Drains Clogged (Y/N) No 0 Curbs/Median 8 8 (Curb Type : Standard) Scaling (Percent Area) 0 Bridge Rail 9 8 (Type : GALVANIZED STEEL BRIDGE TUBE) Bridge Rail Posts 9 Bridge Rail Posts 9 8 (Type : GALVANIZED POST STEEL;GALVANIZED PO							
Gap Size (mm) Gap Location							
Deck Drainage			Gan I	ocation			
Drains Clogged (Y/N) No Curbs/Median 8 8 (Curb Type : Standard) Scaling (Percent Area) 0 Bridge Rail 9 8 (Type : GALVANIZED STEEL BRIDGE TUBE) Bridge Rail Posts Bridge Rail/Posts Coating 8 8 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) X X Bridge Rail/Posts Coating 8 8 (Type : GALVANIZED) X X Sidewalk X X Girder/Beam Cover Plate X X Flange 9 8 Web 9 8 Stiffeners 9 8 Splice X X	Cup 0120 (- Cup I	200411011			
Drains Clogged (Y/N) No Curbs/Median 8 8 (Curb Type : Standard) Scaling (Percent Area) 0 Bridge Rail 9 8 (Type : GALVANIZED STEEL BRIDGE TUBE) Bridge Rail Posts Bridge Rail/Posts Coating 8 8 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) X X Bridge Rail/Posts Coating 8 8 (Type : GALVANIZED) X X Sidewalk X X Girder/Beam Cover Plate X X Flange 9 8 Web 9 8 Stiffeners 9 8 Splice X X							-
Drains Clogged (Y/N) No Curbs/Median 8 8 (Curb Type : Standard) Scaling (Percent Area) 0 Bridge Rail 9 8 (Type : GALVANIZED STEEL BRIDGE TUBE) Bridge Rail Posts Bridge Rail/Posts Coating 8 8 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) X X Bridge Rail/Posts Coating 8 8 (Type : GALVANIZED) X X Sidewalk X X Girder/Beam Cover Plate X X Flange 9 8 Web 9 8 Stiffeners 9 8 Splice X X							-
Drains Clogged (Y/N)							_
Drains Clogged (Y/N) No Curbs/Median 8 8 (Curb Type : Standard) Scaling (Percent Area) 0 Bridge Rail 9 8 (Type : GALVANIZED STEEL BRIDGE TUBE) Bridge Rail Posts Bridge Rail Posts 9 8 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Stide Rail/Posts Coating 8 8 (Type : GALVANIZED) Sidewalk X X Girder/Beam Cover Plate X X Flange 9 8 Web 9 8 Stiffeners 9 8 Splice X X							_
Drains Clogged (Y/N) No Curbs/Median 8 8 (Curb Type : Standard) Scaling (Percent Area) 0 Bridge Rail 9 8 (Type : GALVANIZED STEEL BRIDGE TUBE) Bridge Rail Posts Bridge Rail Posts 9 8 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Stide Rail/Posts Coating 8 8 (Type : GALVANIZED) Sidewalk X X Girder/Beam Cover Plate X X Flange 9 8 Web 9 8 Stiffeners 9 8 Splice X X							_
Drains Clogged (Y/N)						I _	
Curbs/Median 8 8 (Curb Type : Standard) Scaling (Percent Area) 0 Bridge Rail 9 8 (Type : GALVANIZED STEEL BRIDGE TUBE) Bridge Rail Posts 9 8 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Stide Rail/Posts Coating 8 8 (Type : GALVANIZED) Sidewalk X X Girder/Beam Cover Plate X X Flange 9 8 Web 9 8 Stiffeners 9 8 Splice X X					7	7	
Curb Type : Standard Scaling (Percent Area) 0 Bridge Rail (Type : GALVANIZED STEEL BRIDGE TUBE) Bridge Rail Posts 9 8 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail/Posts Coating 8 8 (Type : GALVANIZED) Bridge Rail/Posts Coating 8 8 (Type : GALVANIZED) Sidewalk X X Girder/Beam Cover Plate X X Flange 9 8 Web 9 8 Stiffeners 9 8 Splice X X			No			1	
Scaling (Percent Area) 0					8	8	
Bridge Rail							
(Type : GALVANIZED STEEL BRIDGE TUBE) Bridge Rail Posts 9 8 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) 8 8 Bridge Rail/Posts Coating 8 8 (Type : GALVANIZED) X X Sidewalk X X Girder/Beam X X Cover Plate X X Flange 9 8 Web 9 8 Stiffeners 9 8 Splice X X		ercent Area)	0				
Bridge Rail Posts 9 8	Bridge Rail				9	8	
(Type : GALVANIZED POST STEEL; GALVANIZED POST STEEL) Bridge Rail/Posts Coating 8 8 (Type : GALVANIZED) X X Sidewalk X X Girder/Beam Cover Plate X X Flange 9 8 Web 9 8 Stiffeners 9 8 Splice X X			TEEL BRIDGE	E TUBE)			
STÉEL) Bridge Rail/Posts Coating 8 8 (Type : GALVANIZED) X X Sidewalk X X Girder/Beam Cover Plate X X Flange 9 8 Web 9 8 Stiffeners 9 8 Splice X X	Bridge Rail F	Posts			9	8	
(Type : GALVANIZED) Sidewalk X X Girder/Beam X X Cover Plate X X Flange 9 8 Web 9 8 Stiffeners 9 8 Splice X X	(Type : GA STEEL)	ALVANIZED PO	OST STEEL;G	BALVANIZED	POST		
Sidewalk X X Girder/Beam Cover Plate X X Flange 9 8 Web 9 8 Stiffeners 9 8 Splice X X	Bridge Rail/F	Posts Coating			8	8	
Girder/Beam Cover Plate X X Flange 9 8 Web 9 8 Stiffeners 9 8 Splice X X							
Cover Plate X X Flange 9 8 Web 9 8 Stiffeners 9 8 Splice X X						Х	
Cover Plate X X Flange 9 8 Web 9 8 Stiffeners 9 8 Splice X X	Girder/Bean	n					
Flange 9 8 Web 9 8 Stiffeners 9 8 Splice X X						X	
Web98Stiffeners98SpliceXX							-
Stiffeners 9 8 Splice X X							-
Splice X X							-
<u> </u>							-
Weld 9 8							-
		Croos Freeze					
Diaphragms/Cross Frame 9 8	الا	Cross Frame			9	8	

			Supers	tructure
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : WG, 1 Spans, L	engths(m): 32, A-Iden	t Num	ber:)	
Paint Condition		X	X	Weathering steel
(Colour Description :)				
(Colour Code :)				
Touchup Required (Y/N)	No			
Bearings			8	
Temperature (deg. C)	21			
(Expansion Type : REINFORC	ED PAD BEARING)			
(Fixed Type :)				
Coating Adequate (Y/N) Yes				
Functioning (Y/N)	Yes			
Deck Underside		8	8	
Stains (Percent Area)	0			
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating	ı	8	8	
			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Abutments		Luot	11011	Explanation of condition
Bearing Seats/Caps		8	8	
(Type : CONCRETE)				
Backwalls/Breastwalls			8	
Wingwalls			8	
Piles		8	8	3 drilled piles each abut.
Paint/Coating		8	7	Graffiti at West end
Abutment Stability		8	8	
Scour/Erosion		7	7	
Piers/Bents				
(Type :)				
Bearing Seats/Caps		X	X	
(Type :)				
(Total Number of Bearing Piles :)			
Pier Shaft/Piles		X	X	
Bracing/Struts/Sheathing			X	
Nose Plate			Х	
Paint/Coating			Х	
(Colour Description :)				
(Colour Code :)			T .	
Pier Stability			X	
Scour			X	
Debris (Y/N)	No			
Substructure General Rating		8	8	

	re Usage			
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : N)				
(D/S Direction : S)				Curve U/S
Alignment		6	6	Salve 6/6
Bank Stability		7	7	
HWM (m below Top of Curb)				No visible HWM
Drift (Y/N)	No			
Slope Protection		7	7	
(Type: NATURAL; NATURAL				
Guidebank/Spurs		Х	X	
Adequacy of Opening			7	
(Fish Compensation Measure 1 :	NONE)			
(Fish Compensation Measure 2 :	NONE)			
Channel General Rating		6	6	

82400 WN-4 Bridge

				M	aintenance Re	ecommend	ations						
Inspector Recommendations		Year	Inspecto	or Comments			Department Co	ommen	nts		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/EROSIG	NC												
PLACE ADDITIONAL RIP RAP													
REMOVE DRIFT ACCUMULATION													
OTHER ACTION		2011	Excavate approach on bridge	hes- currently	on paving at bo causing impa	oth oct loading							
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
Structural Condition Rating (Last/No. (%)	ow)	88.9/88.	9	Sufficiency (%)	Rating (Last/	Now)	72.8/77.2	Es	t. Repl. Yr	2081	Maint. Red	qd. (Y/N)	Yes
Special Comments for Next Inspection							Department Comments	·					
Maintenance Reviewed By							Date			i	Estimated Total	0	
Proposed Long-Term Strategy													
On 3-Year Program (Y/N)													
Proposed Action													
Previous Inspector's Name Ga		Garry Roberts P					Assistant's Name	e					
Next Inspection Date 20-		/-2013				Previous	Previous Inspection Date 23-Nov-2009						
Inspection Cycle (Default) (months) 21													
Comment													