						В	ridge Ir	nspec	tion							
Bridge File Num	ber	07836 -1	Bridge					Form Type			PSR					
Year Built/Year		1960/196	0					Lot N	Lot No.			2				
Supstr	N 1	FDOON						Inspe	Inspector Name			Wade Nanninga				
Bridge or Town	Name		ON DIVED 8 11 107 25 WATERODS.					Inspe	Inspector Class			BR CLS A				
Located Over		ST						Assis	stant N	ame						
Located On		748:04 C	JI 9.914					Assis	Assistant Class							
Water Body Cl./	Year							Inspe	Inspection Date			16-Apr-2013				
Navigabil. Cl./Ye	ear							Data	Entry I	Зу		Theresa Lacusta				
Legal Land Loca	ation	SE SEC	5 TO TWF 54 NGE TO WOW					Data	Entry I	Date		23-Apr-2013				
Longitude, Latitu	ıde	-116:17:2	10.17.20, 33.39.44					Revi	Reviewer Name Eric Carcoux							
Road Authority		Alberta T	erta Transportation (AIT)						Review Date 21-Apr-2013							
Contract Main. Area CMA13							Dept. Reviewer Name			Brent Herrick						
Clear Roadway/Skew 9.1 /								t. Revie		•	23-Apr-2013	3				
AADT/Year 1,320 / 20		012 (A)					Follo	w-Up E	Ву							
Road Classificat	tion	RCU-209														
Detour Length (I	km)	10														
Allowable Load	(t): Sir				Semi	CS2 50			-	Train		63 67> On Cri		> On Criti	tical Spans	
<b>D</b> : 1 "		GIRI		ER		GI	RDER					GIRDER		>Critical Member		
Design Loading:		HS2	0			Da	oting l	n form	otion					> Primary	Span	
Required Load F	Postino	ı (t)		Single		Posting In			Semi				Truck Train			
Posted Loading		7 (-7		Single					Semi				Truck Train			
Posted:	Lane	NB			tion (Y/N	1)	No		In Adva	nce (Y	/N)	No		ridge (Y/N)	No	
Posted:	Lane	SB			tion (Y/N		No			nce (Y/N)		No		idge (Y/N)	No	
Remarks		equired.		, it ourie	7.1.011 (171	•/	110		,	1100 (1	, <u>,</u>	110	, Di	lago (1/11)	110	
Hazard Marker			Yes													
Remarks		9- ( - / /														
Other Sign Type	es		Edson F	River.												
9 71						Uti	ilities (L	Locate	ed at)							
Utility Attachme	nts T	ELEPHON	IE UTILI	ΓIES-PH	IONE LIN	۱E										
Telephone	Cond	uit on brid	ge East 8	West s	ides belo	ow b	ridge.	Gas								
Power	Single	e line east	ıst r/w.				Municipal									
Others							Problem (Y/N) No									
Remarks																
							Approa									
					Li	ast	Now		anatio							
Horizontal Align						5	5	85 sp	85 speed limit, no passing each way. Access roads on both approaches.			both				
Vertical Alignme			1			7 7										
Roadway Width			9.200					Wide	cracks	s with r	avel	ling ACP at a	pproa	ches - photo		
Approach Bump	1					5	4									
Guardrail (Y/N)			Yes				1	Not	Not connected to bridgerail.							
Guardrail						7	7	No th	hrie bea	am/flea	ıt					
Length (m)			30.400													
Current Stand		N)	No	_												
Termination T	ype		Turned	Down												
Drainage						6	6									
Approach Road	d Gene	eral Rating	9			5	5									

				Supers	structure
Bridge Component					Explanation of Condition
(Primary Span : PO, 2 Spans, Le	engths(n	n): 19.8-19.8			•
Special Features					
Special Feature			7	7	
(Type: <b>EXT LONGIT POST TE</b>	NS)			_	
Special Feature				X	
(Type:)					
Wearing Surface/Deck Top Detail	l Ratings	<b>S</b>			
N (%) 1 (%	)	2 (%)	3 (%)		
Last					
<b>Now</b> 5.0					
Wearing Surface (Material Type : CONCRETE - COAT)	CONVE	NTIONAL CH	liP SEA	5   <b>L</b>	Overlay worn off on about 10% of deck.
(Thickness(mm): 50)	I				
Lateral Connection Problem (Y/N)	No				
Deck Top			N	N	
Deck Rideability			7	7	
Deck Joints			5	5	Fixed joints at abutments paved over.
Temperature (deg. C)	-2				- I ixed joints at abdititents paved over.
(Expansion Type : GLAND (WA		UER, TRAN	SFLEX,	ETC))	
(Fixed Type : BUFFER ANGLE	T.				
Gap Size (mm)		ocation			
	S. abu				_
65	Cente				-
	N. abı	<u>ut                                    </u>			-
					_
					_
Deck Drainage			7	6	
Drains Clogged (Y/N)	No		1	0	
Curbs/Median	INO		5	1	Modium cooled Outside face applied at a few leastions
(Curb Type : <b>Standard</b> )			5	4	Medium scaled. Outside face spalled at a few locations.
Scaling (Percent Area)	15				
Bridge Rail	10		5	4	Double layer flexbeam on round steel posts. Flexbeam rusting along
(Type : GALVANIZED STEEL	FI FY PI	EAM)	J	4	bottom. Missing 4 splice bolts per postphoto
Bridge Rail Posts	I LEA BI	-AIVI)	4	4	Insufficient thread on some anchor bolts.
(Type : GALVANIZED POST S STEEL)	TEEL;G	ALVANIZED		4	modification of the another boile.
Bridge Rail/Posts Coating			7	4	
(Type : GALVANIZED)			1	4	
Sidewalk			X		
Siuewaik			^	X	
Girder Detail Ratings					
N (count) 1 (co	unt)	2 (count)	3 (cou	ınt)	
Last					
Now					
Girders			6	4	Horizontal wide crack SP1G5 SP2G1 over pier-0.2m long.
Cracking (Y/N)	Yes				
Spalling (Percent Area)	0				
(Number Of Girders : 10)					

Bridge Component   Last   Now   Explanation of Condition			,	Supers	tructure
Bearings	Bridge Component				
Bearings		engths(m): 19.8-19.8,	A-Iden	t Numb	per: )
Temperature (deg. C)	Diaphragms/Cross Frame		6	6	Scaling rust at abutments.
Temperature (deg. C)	Bearings		5	5	Rusting.
Fixed Type : SLIDING PLATE   Coating Adequate (YN)   No		-2			
Coating Adequate (Y/N)	(Expansion Type : SLIDING PL	ATE)			
Functioning (Y/N)	(Fixed Type : SLIDING PLATE	.)			
Deck Underside	Coating Adequate (Y/N)	No			
Deck Underside	Functioning (Y/N)	No			
Spain (Percent Area)   1   Spain (Percent Area)   1   Spain (Percent Area)   1   Spain (Alignment Problems   Vertical (Y/N)   No   No   Superstructure General Rating   5   4   Substructure   Substruc			6	4	A few narrow longitudinal cracks.
Span Alignment Problems	Stains (Percent Area)	1			Spalling over pier with exposed rebar- West side.
Vertical (Y/N)	`				
Horizontal (V/N)		No			
Substructure   Substructure		No			
Last   Now   Explanation of Condition			5	4	
Abutments   Bearing Seats/Caps   6   6   6   Light scaling.				Subst	ructure
Bearing Seats/Caps   6   6   6   Light scaling.	Bridge Component		Last	Now	Explanation of Condition
Colour Description:   Colour Code:				1	
Backwalls/Breastwalls	·		6	6	Light scaling.
Wingwalls         6         5           Piles         N         N           Paint/Coating         X         X           Abutment Stability         7         7           Scour/Erosion         7         6           Piers/Bents           (Type : PIER-SOLID)         Pier has medium scaling on ends of piers. A few narrow vertical cracks.           Gracks.         Cracks.           (Type : CONCRETE)         (Total Number of Bearing Piles : 0)           Pier Shaft/Piles         5         5           Bracing/Struts/Sheathing         X         X           Nose Plate         7         7         Rust on nose plate.           Paint/Coating         4         4         Orange.           (Colour Description :) (Colour Code :)         (Colour Code :)         Pier Stability         7         7           Scour         6         6         6           Debris (Y/N)         Yes         Caught on pier.	(Type : <b>CONCRETE</b> )			1	
Piles	Backwalls/Breastwalls		6	6	Light scaling.
Paint/Coating	Wingwalls		6	5	
Abutment Stability 7 7 7  Scour/Erosion 7 6  Plers/Bents (Type : PIER-SOLID) Bearing Seats/Caps (Type : CONCRETE) (Total Number of Bearing Piles : 0) Pier Shaft/Piles 5 5 Bracing/Struts/Sheathing X X X  Nose Plate 7 7 Rust on nose plate.  Paint/Coating 4 4 4 (Colour Description : ) (Colour Code : ) Pier Stability 7 7 Scour 6 6 6  Debris (Y/N) Yes Caught on pier.	Piles		N	N	
Scour/Erosion   7   6	Paint/Coating		Х	Х	
Piers/Bents  (Type: PIER-SOLID)  Bearing Seats/Caps  (Type: CONCRETE)  (Total Number of Bearing Piles: 0)  Pier Shaft/Piles  Bracing/Struts/Sheathing  X X  Nose Plate  7 7 Rust on nose plate.  Paint/Coating  (Colour Description:)  (Colour Code:)  Pier Stability  7 7  Scour  6 6  Debris (Y/N)  Yes  Pier has medium scaling on ends of piers. A few narrow vertical cracks.  Poer has medium scaling on ends of piers. A few narrow vertical cracks.  Pier has medium scaling on ends of piers. A few narrow vertical cracks.	Abutment Stability		7	7	
(Type : PIER-SOLID)  Bearing Seats/Caps	Scour/Erosion		7	6	
Bearing Seats/Caps         5         5           (Type : CONCRETE)         (Total Number of Bearing Piles : 0)           Pier Shaft/Piles         5         5           Bracing/Struts/Sheathing         X         X           Nose Plate         7         7         Rust on nose plate.           Paint/Coating         4         4         Orange.           (Colour Description :)         (Colour Code :)         7         7           Pier Stability         7         7           Scour         6         6           Debris (Y/N)         Yes         Caught on pier.	Piers/Bents				
Seating Seats/Caps   5   5	(Type : <b>PIER-SOLID</b> )				
(Total Number of Bearing Piles : 0)       5       5         Pier Shaft/Piles       5       5         Bracing/Struts/Sheathing       X       X         Nose Plate       7       7       Rust on nose plate.         Paint/Coating       4       4       Orange.         (Colour Description : )       (Colour Code : )       7       7         Pier Stability       7       7         Scour       6       6         Debris (Y/N)       Yes       Caught on pier.	Bearing Seats/Caps		5	5	cracks.
Pier Shaft/Piles         5         5           Bracing/Struts/Sheathing         X         X           Nose Plate         7         7         Rust on nose plate.           Paint/Coating         4         4         Orange.           (Colour Description:)         (Colour Code:)         7         7           Pier Stability         7         7           Scour         6         6           Debris (Y/N)         Yes         Caught on pier.	(Type : <b>CONCRETE</b> )				
Bracing/Struts/Sheathing         X         X           Nose Plate         7         7         Rust on nose plate.           Paint/Coating         4         4         Orange.           (Colour Description:)         (Colour Code:)         7         7           Pier Stability         7         7           Scour         6         6           Debris (Y/N)         Yes         Caught on pier.	(Total Number of Bearing Piles :	0)			
Nose Plate 7 7 Rust on nose plate.  Paint/Coating 4 4 Orange.  (Colour Description:)  (Colour Code:)  Pier Stability 7 7  Scour 6 6  Debris (Y/N) Yes Caught on pier.	Pier Shaft/Piles		5	5	
Paint/Coating 4 4 Orange.  (Colour Description:) (Colour Code:)  Pier Stability 7 7  Scour 6 6  Debris (Y/N) Yes Caught on pier.	Bracing/Struts/Sheathing		X	X	
(Colour Description:) (Colour Code:)  Pier Stability  7  Scour  6  6  Debris (Y/N)  Yes  Caught on pier.	Nose Plate		7	7	Rust on nose plate.
(Colour Description:) (Colour Code:)  Pier Stability  7  Scour  6  6  Debris (Y/N)  Yes  Caught on pier.	Paint/Coating		4	4	Orange.
(Colour Code : )         7         7           Pier Stability         7         7           Scour         6         6           Debris (Y/N)         Yes         Caught on pier.					
Pier Stability         7         7           Scour         6         6           Debris (Y/N)         Yes         Caught on pier.					
Debris (Y/N) Yes Caught on pier.	· · · · · · · · · · · · · · · · · · ·		7	7	
, , ,	Scour		6	6	
Substructure General Rating 5 5	Debris (Y/N)	Yes			Caught on pier.
	Substructure General Rating		5	5	

		5	Structu	re Usage				
		Last		Explanation of Condition				
Channel								
(U/S Direction : W)								
(D/S Direction : E)								
Alignment			7					
Bank Stability		7	7					
HWM (m below Top of Curb)				HWM not visible.				
Drift (Y/N)	Yes							
Slope Protection		5 5		80mm gap at South abutment, 0.3m void under slab. Concrete				
(Type : CONCRETE; CONCRE	ETE)			apron.				
Guidebank/Spurs		Х	X					
Adequacy of Opening		7	7					
(Fish Compensation Measure 1 :	NONE)							
(Fish Compensation Measure 2 :	NONE)							
Channel General Rating		5	5					

		Mai	ntenance Recommen	dations					
Inspector Recommendations	Year	Inspector Comments		Department Com	ments		Target Year	Est. Cost	Cat
REPAIR/REPLACE BRIDGE RAIL	2013	Splice bolts, connect to	guardrail.						
GALVANIZE/PAINT BRIDGE RAIL									
SEAL CURBS									
PATCH DECK									
SEAL DECK									
OVERLAY DECK									
REPAIR/REPLACE DECK JOINTS	j e								
RESET/ PAINT BEARINGS									
WASHING									
SHOTCRETE REPAIRS									
REPAIR ABUTMENT SCOUR/ERO	OSION								
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION	١								
OTHER ACTION	2013	Patch ACP at approach	es.						
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
Structural Condition Rating (Las (%)	st/Now) 55.6/5	Sufficiency R (%)	tating (Last/Now)	59.9/58.6	Est. Repl. Yr	2033	Maint. Re	qd. (Y/N)	Yes
Special Monitor girders,	deck underside w	earing surface.		Department Comments					
Comments for Next Inspection									
Comments for				Date			Estimated Total	1 0	
Comments for Next Inspection				Date			Estimated Total	0	
Comments for Next Inspection  Maintenance Reviewed By				Date			Estimated Total	1 0	
Comments for Next Inspection  Maintenance Reviewed By Proposed Long-Term Strategy				Date		1	Estimated Total	0	
Comments for Next Inspection  Maintenance Reviewed By Proposed Long-Term Strategy  On 3-Year Program (Y/N)	Arnold Assen	heimer	Previous	Date  Assistant's Name	Kris Bosters		Estimated Total	1 0	
Comments for Next Inspection  Maintenance Reviewed By Proposed Long-Term Strategy  On 3-Year Program (Y/N) Proposed Action		heimer			Kris Bosters 20-Nov-2009		Estimated Total	0	
Comments for Next Inspection  Maintenance Reviewed By Proposed Long-Term Strategy  On 3-Year Program (Y/N) Proposed Action  Previous Inspector's Name	Arnold Assen	heimer		Assistant's Name			Estimated Total	0	