						В	ridge Ir	nspec	tion						
Bridge File Num	Bridge File Number 72533 N-2 Bridge					J					PSR				
Year Built/Year		1991/19	91						Lot No.			2			
Supstr									Inspector Name			Garry Roberts			
Bridge or Town	Name	GRANU		0.40.05 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				Inspector Class			BR CLS A				
Located Over								Assistant Name							
Located On		2:08 R1	11.325					Assistant Class							
Water Body Cl./								Inspection Date			26-Sep-2011				
Navigabil. Cl./Ye								Data	Entry	Ву		Erin Roberts			
Legal Land Loca								Data	Entry	Date		16-Nov-201	1		
Longitude, Latitu	ıde							Reviewer Name			Tom Carey				
Road Authority								Review Date			07-Oct-2011				
Contract Main. A		CMA26						Dept	Dept. Reviewer Name			Tim Davies			
Clear Roadway/	Skew		10 deg. (RHF)				Dept. Review Date			17-Nov-2011					
		2010 (A)					Follo	w-Up	Ву						
Road Classification RFD-412		2.4-130				-									
Detour Length (km) 1															
Allowable Load	vable Load (t): Single CS		S1 28 S		Semi	emi CS2 49		Т		Train	CS	S3 62		> On Critical Spans >Critical Member	
Design Loading:	Design Loading: CS78		750											> Primary S	
						Ро	sting Ir	nform	ation						
Required Load F	Posting	(t)	Single					Semi			Truck Train				
Posted Loading	(t)			Single					Semi			Truck Train			
Posted:	Lane	NB		At Junction (Y/N		l)	No	In Adv		ance (Y	(Y/N) No		At Bridge (Y/N) No		No
Posted:	Lane	SB		At Junc	tion (Y/N	l)	No	I	In Adv	ance (Y	′/N)	No	At B	ridge (Y/N)	No
Remarks	Not re	eq.													
Hazard Marker A	At Brid	ge (Y/N)	Yes												
Remarks															
Other Sign Type	s		CREEK	. ID											
							ilities (L	Locate	ed at)						
Utility Attachmer	nts T	ELEPHO	NE UTILI	TIES-PH	IONE LIN	1E									
Telephone		curb unit.					Gas								
Power	3 lines	s 50 m Ea	m East.				Municipal								
Others								Prob	lem (\	//N) N	10				
Remarks															
							Approa			t C	المورد	··-			
Horizontal Aligni	mont					ast 7	Now 7			on of C					
Vertical Alignme							6	Hill and intersection at North							
Roadway Width			12 600	6			0	Minor potholes at South							
Approach Bump			12.000	2.600		6	5	IVIII IO	IVIIIIOI POLITOIES AL SOULT						
Guardrail (Y/N)	<u>'</u>		Yes			0] 3								
Guardrail (17/N)			169			7	7	1_							
			99.000			<u>'</u>	/	Guardail @ South only. Not thriebeam							
Length (m) Current Standa	ard (V/	'NI)	99.000 No					- Inot unlessain							
Termination Ty	•	11)		D DOW	N										
Drainage	ype		TORNE	الالال ال		7	7								
Drainage															
Approach Road	Approach Road General Rating			6	6										

Bridge Component Last Now Explanation of Condition							Supers	tructure
Pimmary Span : CBC, 3 Spans, Lengths(m): 18-30-24, A-Ident Number:) Special Feature	Bridge Com	ponent						
Special Feature			ans, Le	engths	(m): 18-30-24			-
Type : Special Feature			·		\			,
Special Feature								
Special Feature	(Type:)							
Wearing Surface		ure						
Wearing Surface	·							
N (%)		ace/Deck Top	Detail F	Ratings	<u> </u>			
Last						3 (%)		
Wearing Surface 5 5 5	Last	0	()				
(Material Type : ACP) (Thickness(mr) : 50) Lateral Connection Problem (YN) Deck Top Beck Top Cap Size (mm) Gap Location To Size (mm) Gap Size (mm) Gap Size (mm) Gap Size (mm) Curbs/Median (Curb Type : Standard) Scaling (Percent Area) Deck Drains Cap Rail Posts Bridge Rail Posts Bridge Rail Posts Bridge Rail Posts Cap Glav N (Count) Circle Rail Posts Cap Size (mm) Crype : GALVANIZED POST STEEL; GALVANIZED POST STE	Now	0.0	0.	.0	0.0	C	0.0	
(Material Type : ACP) (Thickness(mr) : 50) Lateral Connection Problem (YN) Deck Top Beck Top Cap Size (mm) Gap Location To Size (mm) Gap Size (mm) Gap Size (mm) Gap Size (mm) Curbs/Median (Curb Type : Standard) Scaling (Percent Area) Deck Drains Cap Rail Posts Bridge Rail Posts Bridge Rail Posts Bridge Rail Posts Cap Glav N (Count) Circle Rail Posts Cap Size (mm) Crype : GALVANIZED POST STEEL; GALVANIZED POST STE	Wearing Surf	ace				5	5	Isolated transverse cracks.
Chickness(mm) : 50								Some ravelling@ outside lane
Part		-						1.211 wide section all along outside lane repaired.
Deck Rideability 7 7 7 Deck Joints 4 4 4 2 sheared bolts - one each @ 2nd & 3rd plates from East @ North Abut Temperature (deg. C) 20 (Expansion Type : GLAND (WABO-MAUER, TRANSFLEX, ETC): ARMOURED GLAND (WABO UNDER FINGER OR SLIDING PLATES)) (Fixed Type :) Gap Size (mm) Gap Location 75 S. end. 15 N. end. Deck Drainage 7 7 7 Drains Clogged (Y/N) No Curbs/Median 7 6 Typical vertical shrinkage flexural cracks along curb as close at 400 mm o.c. Corrosion spot at exterior at NW from low cover rebar. Bridge Rail 0 8 7 (Type : BRIDGE TUBE) Bridge Rail Posts 8 7 (Type : GALVANIZED POST STEEL;GALVANIZED P	Lateral Conn (Y/N)	ection Probler	n \	⁄es				
Deck Joints	Deck Top					N	N	
Temperature (deg. C)	Deck Rideability					7	7	
Type: Clark County County Clark County Clark County Clark County Clark County Clark County Clark	Deck Joints					4	4	
ETC; ARMOURED GLAND (WABO UNDER FINGER OR SLIDING PLATES)) (Fixed Type :) Gap Size (mm) Gap Location 75	Temperatu	re (deg. C)	2	20				Abut
75	SLIDING P	ELATES)) = :)	ND (WA			ROR		
15		mm)		•				
Deck Drainage								
Drains Clogged (Y/N)	15			in. end	J.			
Drains Clogged (Y/N)								-
Drains Clogged (Y/N)								
Drains Clogged (Y/N)								
Drains Clogged (Y/N)	Dock Draina	70				7	7	
Curbs/Median 7 6 Typical vertical shrinkage flexural cracks along curb as close at 400 mm o.c. Scaling (Percent Area) 0 Corrosion spot at exterior at NW from low cover rebar. Bridge Rail 8 7 (Type : BRIDGE TUBE) 8 7 Bridge Rail Posts 8 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Tripical shrinkage flexural cracks along curb as close at 400 mm o.c. Corrosion spot at exterior at NW from low cover rebar. N Bridge Rail Posts 8 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) X X Bridge Rail/Posts Coating 7 7 7 (Type :) Sidewalk X X Sidewalk X X Girder Detail Ratings N (count) 2 (count) 3 (count) Last 0 0 0 0			1	No.		,		
(Curb Type : Standard) Scaling (Percent Area) Bridge Rail Bridge Rail Bridge Rail Bridge Rail Posts State L) Bridge Rail/Posts Coating Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail/Posts Coating Type : Sidewalk X X Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last 0 0 Criacks along curb as close at 400 mm 0.c. Corrosion spot at exterior at NW from low cover rebar. X X Corrosion spot at exterior at NW from low cover rebar. X X Corrosion spot at exterior at NW from low cover rebar. X X Corrosion spot at exterior at NW from low cover rebar.			'			7	6	Typical vertical shrinkage flexural
Scaling (Percent Area)						,		cracks along curb as close at 400 mm
Corrosion spot at exterior at NW from low cover rebar. Bridge Rail	` .		()				O.C.
Count Type : BRIDGE TUBE	Coaming (in o							Corrosion spot at exterior at NW from low cover rebar.
Bridge Rail Posts	Bridge Rail					8	7	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail/Posts Coating 7 7 (Type :) X X Sidewalk X X Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 0	(Type : BR	IDGE TUBE)						
STÉEL) Bridge Rail/Posts Coating 7 7 (Type :) X X Sidewalk X X Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 0	Bridge Rail P	osts				8	7	
(Type :) Sidewalk X X Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 0	(Type: GALVANIZED POST STEEL;GALVANIZED				ALVANIZED	POST		
Sidewalk X X Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 0	Bridge Rail/P	osts Coating				7	7	
Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count)	(Type:)							
N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 0	Sidewalk					X	X	
N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 0	Girder Detail	Ratings						
Last 0 0 0			1 (cou	nt)	2 (count)	3 (cou	unt)	
Now 0 0 0 0	Last					<u> </u>		
	Now	0)	0		0	

				tructure
Bridge Component		Last		Explanation of Condition
(Primary Span : CBC, 3 Spans, I	_engths(m): 18-30-24,	A-Ide	nt Num	iber:)
Girders		8	8	Typical narrow shrinkage
Cracking (Y/N)	No			along bond of CIP section over pier- minor.
Spalling (Percent Area)	0			Continuous 9 girder lines.
(Number Of Girders : 9)				
Diaphragms/Cross Frame		8	8	
Bearings		8	8	
Temperature (deg. C)	20			
(Expansion Type : REINFORC TEFLON AND STAINLESS ST	ED NEOPRENE BEAR 'EEL)	ING W	/ITH	
(Fixed Type: REINFORCED N TEFLON AND STAINLESS ST		WITH		
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		8	8	
				ructure
Bridge Component		Last	Now	Explanation of Condition
Abutments Descript Contains				
Bearing Seats/Caps		8	8	
(Type : CONCRETE)				
Backwalls/Breastwalls		8	8	
Wingwalls		7	7	
Piles		N	N	Buried.
Paint/Coating		5	5	
Abutment Stability		8	8	
Scour/Erosion		8	8	
Piers/Bents				
(Type : PIER-SOLID)				
Bearing Seats/Caps		8	8	
(Type : CONCRETE)				
(Total Number of Bearing Piles :	0:0)			
Pier Shaft/Piles		8	8	
Bracing/Struts/Sheathing		Х	X	
Nose Plate		8	8	
Paint/Coating		5	5	Galvanized with minor corrosion at base.
(Colour Description :)				
(Colour Code :)				
Pier Stability		8	8	
Scour		5	5	Minor scour at U/S end both piers.

			Subst	ructure		
Bridge Component		Last Now		Explanation of Condition		
Debris (Y/N)	No					
Substructure General Rating		8	8			
		S	tructu	re Usage		
		Last	Now	Explanation of Condition		
Channel						
(U/S Direction: W)						
(D/S Direction : E)						
Alignment		7	7			
Bank Stability		5	5	Steep cut @ North Pier Cut banks & some sloughing @ d/s at North		
HWM (m below Top of Curb)	5.0			No visible HWM		
Drift (Y/N)	No					
Slope Protection		6	6			
(Type: NATURAL; NATURAL	.)					
Guidebank/Spurs			X			
Adequacy of Opening		7	7			
(Fish Compensation Measure 1	: NONE)					
(Fish Compensation Measure 2	: NONE)					
Channel General Rating		7	6			

		Maintenance Recor	nmendations					
Inspector Recommendations	Year	Inspector Comments	Department Comm	nents		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL								
GALVANIZE/PAINT BRIDGE RAIL								
SEAL CURBS								
PATCH DECK								
SEAL DECK								
OVERLAY DECK								
REPAIR/REPLACE DECK JOINTS	2011	Install 2 bolts @ North joint check all of	thers.					
RESET/ PAINT BEARINGS								
WASHING								
SHOTCRETE REPAIRS								
REPAIR ABUTMENT SCOUR/EROSI	ON							
PLACE ADDITIONAL RIP RAP								
REMOVE DRIFT ACCUMULATION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
Structural Condition Rating (Last/N (%)	ow) 88.9/88	.9 Sufficiency Rating (Last/Now (%)	76.7/75.3	Est. Repl. Yr	2043	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection	,		Department Comments			,		
Maintenance Reviewed By			Date		Es	timated Total	0	
Proposed Long-Term Strategy								
On 3-Year Program (Y/N)								
On 3-Year Program (Y/N) Proposed Action								
	Garry Roberts	Pre	evious Assistant's Name					
Proposed Action	Garry Roberts 26-Jun-2013		evious Assistant's Name evious Inspection Date	23-Jan-2010				
Proposed Action Previous Inspector's Name	1			23-Jan-2010				