Bridge Inspection & Maintenance System (Web 2005)

							Bridge	Inspe	ection						
Bridge File Num	ber	75339	N-1 Bridge)				For	m Type			SG			
Year Built/Year		1962/1	962					Lot	No.			1			
Supstr								_ Ins	Inspector Name		Randy Bredo				
Bridge or Town	Name		MBE					_ Ins	pector C	Class		BR CLS A			
Located Over		CPR						– Ass	Assistant Name						
Located On		2:26 R	1 14.892					As:	sistant C	lass					
Water Body CI./								_ Ins	Inspection Date		18-Oct-2012				
Navigabil. Cl./Ye								- Dat	Data Entry By		Marcia Chav	ez			
Legal Land Loca			C 15 TWP		27 W	4M		Dat	Data Entry Date		20-Nov-2012	2			
Longitude, Latitu	ıde		8:17, 52:26					Re	Reviewer Name		John O'Brier	า			
Road Authority		Alberta	a Transport	ation (A	IT)	Review Date			01-Nov-2012	2					
Contract Main. Area CMA19							De	pt. Revie	ewer Na	ame	Andrew Smi	kles			
Clear Roadway/Skew 12.2 / 32 deg. (RHF)							- De	pt. Revie	ew Date	э	26-Nov-2012	2			
AADT/Year) / 2011 (A)					- Fol	low-Up	Ву					
Road Classificat		RFD-4	12.4-130					_							
Detour Length (I		1													
Allowable Load	(t): Sin	gle C	S1 28		Sem	i C	S2 49			Train	CS	3 62		> On Criti	cal Spans
Design Loading:			S20											> Primary	
Design Loading.			020			-P/	ostina	Infor	nation						opan
Required Vert. C	learan	ce Pos	ting (m)				osung		nation						
Posted Vertical				No											
Posted: Lane	NB		Bridge (m)		In Adv	ance	(V/NI)	No	Lane	SB	0	n Bridge (m)		In Advance	e (Y/N) No
Remarks		quired.	Bhage (m)		117.00	ance	(1/1)		Lanc			in Bhage (iii)		III/(dvanot	
Required Load F				Single					Semi				Truck	Train	
Posted Loading		(1)		Single					Semi					Train	
Posted:	Lane	NB		At Jun	ation ()	Z/NI)	No		In Advance (Y/N) No		No		At Bridge (Y/N) No		
Posted:	Lane	SB		At Jun			INU		In Adva					idge (Y/N)	
Remarks		quired.				(/IN)			III Auva	ance (1	/IN)		AL DI		
		· ·													
Hazard Marker A Remarks															
Other Sign Type															
Other Sight Type	5					114	ilitios		ted at)						
Utility Attachmer	nts						intico		iteu atj						
Telephone		no mar	ker					Ga	۹						
Power	100	no mai							nicipal						
Others									blem (Y	(/N)	10				
Remarks								110		,,					
	1						Appro	ach E	load						
						Last			olanatio	on of C	ondi	tion			
Horizontal Aligni	ment					8	8		crest cu						
Vertical Alignme						7	7								
Roadway Width			11.500												
Approach Bump						7	7								
Guardrail (Y/N)			Yes												
Guardrail						4	7								
Length (m)			85.000												
• · · ·	ard (Y/	N)	No					No	t as per		anda	rde			
				own					as per	1° LZ Slà	BUILE	105.			
I ermination I							-	_							
Termination Ty	/ 1					6	6								
Drainage						6	6								

						Supers	tructure
Bridge Com	ponent				Last	Now	Explanation of Condition
(Primary Spa	an : RB, 3 Spa	ins, Ler	ngths(r	n): 14.9-18.9-′	14.9, A	-Ident	Number: A0384-01)
Special Feat	tures						
Special Feat	ure					X	
(Type :)							
Special Feat	ure					X	
(Type :)							
Wearing Surf	face/Deck Top	Detail	Rating	3			
	N (%)	1 (%)		2 (%)	3 (%)		_
Last	0		0	0		0	
Now	0.0	0	.0	0.0	3	3.0	
Wearing Sur	face				6	3	Chip sealed on ACP.
(Material T	ype : ACP - C	ONVEN		L CHIP SEAL	COAT	Г)	NB near A1 fast lane has 3x5m (15 sq. m) of squeezed out asphalt; shallow rutting elsewhere.
(Thickness	(mm) : 50)						
Deck Top					N	N	
Deck Rideab	bility				7	6	
Deck Joints					4	4	Missing numerous plow deflectors. (Not required ?).
Temperatu	re (deg. C)		14				A1 has small chips along female plate putting anchorage in question.
· · · · · · · · · · · · · · · · · · ·	n Type : SLIDI		TES)				
(Fixed Type							
Gap Size (· · · · · · · · · · · · · · · · · · ·		Gap L	ocation			
57							
86			N. ab	ut			
Deck Draina	ae				4	4	No drains.
Drains Clog	-					· ·	(Water ponds in gutters just before abut ints, 01/10/16).
Curbs/Media					5	5	Abut jnts leak causing damage at deck underside. Concrete cracking up along SW curb coverplate, but still in place.
	e : Standard)						
	ercent Area)	(0				
Bridge Rail					5	5	Retrofit rail installed.
	LVANIZED S	ZED STEEL VERTICAL BAR)					Minor damage to slats, 5 panels - 4 on W side & 1 on E.
Bridge Rail F					7	7	1
		OST ST	EEL :G		1		
STEEL)			,0			1	
Bridge Rail/F	Posts Coating				7	7	
(Type : GA	LVANIZED)						
Sidewalk					X	X	
Girder/Beam						1	
Cover Plate	e				7	7	_
Flange					5	6	_
Web					6	6	
Stiffeners					X	Х	
Splice					7	7	
Weld					7	7	
Diaphragms/	Cross Frame				7	7	

Alberta Transportation

Bridge ComponentLess NowExplanation of Condition(Primary Span : RB, 3 Spans, Lengthaciny 14.9-18.9-14.9, $4 4 5 3$ 2% peeling bitwn topcoat & primer.(Colour Oescription : BROWN)Z2% peeling bitwn topcoat & primer.(Colour Oescription : BROWN)NoZColour Oescription : Branner StatusA4Bearings443Branner Status (deg. C)10XX(Expansion Type : ROCKER BEARING)Corresion stains and spals under putters at abut jnts - photo.(Expansion Type : ROCKER BEARING)Corresion stains and spals under putters at abut jnts - photo.(Costing Adequate (Y/N)NoCorresion stains and spals under putters at abut jnts - photo.(Expansion Type : ROCKER BEARING)Corresion stains and spals under putters at abut jnts - photo.(Costing Adequate (Y/N)NoCorresion stains and spals under putters at abut jnts - photo.(Find Type : REINFORCED PAD BEARING)Corresion stains and spals under putters at abut jnts - photo.Stains (Percent Area)1SStains (Percent Area)1SStains (Percent Area)1SPercetor (Y/N)NoSSuperstructure General Rating77GoronoretLastNoSuperstructure General Rating77Type : CONCRETE77Price ConcoretT5Stains (Goronoret I W/N)NoSSuperstructure General Rating77Type : CONCRETE77Pier/Stain/				Supers	tructure			
Paint Conduit Image: Paint Con	Bridge Component							
Colour Description : BROWN) Image: Colour Code : 504-106) Codium Code : 504-106) A Bearings 4 A A Samm movement remaining @ S end. Framperature (deg. C) 10 Costing Adequate (YN) No Costing Adequate (YN) No Deck Underside 4 Stains (Percent Area) 1 Stains (Percent Area) 1 <td>(Primary Span : RB, 3 Spans, Le</td> <td>engths(m): 14.9-18.9-</td> <td>14.9, A</td> <td>-Ident I</td> <td>Number: A0384-01)</td>	(Primary Span : RB, 3 Spans, Le	engths(m): 14.9-18.9-	14.9, A	-Ident I	Number: A0384-01)			
Colour Code : 504-106) Image: Colour Code : 504-106 Touchop Required (YA) No Bearings 4 4 Temperature (deg. C) 10 Image: Corresponding on Thorse sphote. (Expansion Type : ROKER BEARING) Corresponding on and pails inder guites at abult ints - photo. (Expansion Type : ROKER BEARING) Corresponding on and pails inder guites at abult ints - photo. (Eventype) Retro dram spall @ both abult pits - photos. Deck Underside 4 4 Stains (Parcent Area) 1 Deck US shallow delam Ge.7 over P1. Haunchong (V/N) Yes No Span Alignment Problems Retro dram though installed @ N abut only. Working (V/N) No G4 over P2 has water gaining access butwn girder & deck, and spurt information of Condition Superstructure General Rating 4 4 Bearing SaatiCorps 7 7 Staine (Parcent Area) 7 7 Superstructure General Rating 6 6 Bearing SaatiCorps 7 7 Staine (Parcent Area) 7 7 Superstructure General Rating 6 6 Bearing Sa	Paint Condition		7	5	2% peeling btwn topcoat & primer.			
Tackhy Required (V/N) No Bearings 4 Temperature (dep. C) 10 Characterized (dep. C) 1 Characterized (dep. C) 1 Deck Urdersited (dep. C) 1 Deck Urdersited (dep. C) 1 Stains (Percent Area) 1 Stains (Percent Area) 1 Vertical (V/N) No Span Alignment Problems C Vertical (V/N) No Superstructure General Rating 4 Backwalts/Breastwalts 7 Type: ConCRETE) Fligg Component Last May No Staument Stability 7 Paint/Coating 6 Abutments 7 Bearing Saats/Capas 7 Type: ConCRETE) 7 Pres/Bents 7 Type: ConCRETE) 7 Type: ConCRETE) <td< td=""><td>(Colour Description : BROWN)</td><td></td><td></td><td></td><td></td></td<>	(Colour Description : BROWN)							
Bearings 4 4 A As me movement remaining 4 S and. All S abut barings on T NoblesPhoto. Correction stains and spalls under guiters at abut jnts - photo. Correction stains and spalls under guiters at abut jnts - photo. Correction stains and spalls under guiters at abut jnts - photo. Correction stains and spalls under guiters at abut jnts - photo. Correction stains and spalls under guiters at abut jnts - photo. Correction stains and spalls under guiters at abut jnts - photo. Correction stains and spalls under guiters at abut jnts - photo. Correction stains and spalls under guiters at abut jnts - photo. Correction stains and spalls under guiters at abut jnts - photo. Correction stains and spalls under guiters stains and spalls under guiters.	(Colour Code : 504-106)							
Temparature (deg. C) 10 All S abut bearings on TT blocks -photo. Corresion stains and spalls under gutters at abut jnts - photo. (Expansion Type : ROCKER BEARING) Corresion stains and spalls under gutters at abut jnts - photo. (Fixed Type : REINFORCED PAD BEARING) Corresion stains and spalls under gutters at abut jnts - photos. Punctioning (V/N) Yes Vestical (S Goreg P2 - phot.) Boak Underside 4 4 Deck U/S dalam/spall (© both abut jnts - photos. Deck Underside 4 4 Deck U/S dalam/spall (© both abut jnts - photos. Stains (Percent Area) 1 Image State (S Goreg P2 - phot.) Stains (Percent Area) 1 Image State (S Goreg P2 - phot.) Stains (Percent Area) 1 Image State (S Goreg P2 - phot.) Stains (Percent Area) 1 Image State (S Goreg P2 - phot.) Stains (Percent Area) 1 Image State (S Goreg P2 - phot.) Stains (V/N) Yes Yes State (S Goreg P2 - phot.) Stains (Percent Area) 1 Image State (S Goreg P2 - phot.) Stains (V/N) Yes State (S Goreg P2 - phot.) Stains (S Goreg P2 - phot.) State (S Goreg P2 - phot.) State (S Goreg P2 - phot.) Stain	Touchup Required (Y/N)	No						
Temperature (deg. C) 10 AII S abut bearings on TT blocks -photo. Corresion statis and spalle under gutters at abut jnts - photo. (Expansion Type : ROCKER BEARING) Corresion statis and spalle under gutters at abut jnts - photo. (Fixed Type : RENFORCED PAD BEARING) Corresion statis and spalle under gutters at abut jnts - photos. Practioning (V/N) Yes Ves Participation Transition (V/N) Yes Deck U/S delam/spall @ both abut jnts - photos. Deck Undersitie 4 4 Deck U/S delam/spall @ both abut jnts - photos. Deck Undersitie 4 4 Deck U/S delam/spall @ both abut jnts - photos. Statis (Parcent Area) 1 Image: Statis (S row PT). Deck U/S delam/spall @ both abut jnts - photos. Statis (Parcent Area) 1 Image: Statis (S row PT). Deck U/S delam/spall @ both abut jnts - photos. Statis (Parcent Area) 1 Image: Statis (S row PT). Deck U/S delam/spall @ both abut jnts - photos. Statis (Parcent Area) 1 Image: Statis (S row PT). Deck U/S delam/spall @ both abut jnts - photos. Statis (Parcent Area) 1 Image: Statis (S row PT). Deck U/S delam/spall @ both abut jnts - photos. Statis (Parcent Area) 1 Image: Statis (S row PT). Deck U/S dela	Bearings		4	4	35mm movement remaining @ S end.			
[Expansion Type : ROCKER BEARING) Corner bearings are rust jacked up to 5mm. (Fired Type : REINFORCED PAD BEARING) Corner bearings are rust jacked up to 5mm. Coating Adequate (V/N) No Punctioning (V/N) Yes Stains (Percent Area) 1 Deck Underside 4 4 Stains (Percent Area) 1 Percentioning (V/N) Yes Span Alignment Problems Extra Clain trong installed & G Aver P2 hoto. Itsoleted efforescence & cracks. Retro Clain trong installed & No abut only. Mary flexural cracks on deck underside from griders deflecting. Span Alignment Problems G Aver P2 has water gaining access blum girder & deck, and squirting out under traffic. Skew pressures have moved bridge slightly. Superstructure General Rating 4 4 Bridge Component Last Now Abutments 7 7 Backwalls/Breastwalls 7 7 Wingwalls 6 6 Pleis N N Pleir/Bents 7 7 Cype : PIER-CoLUMN) East 7 7 Bearing Seats(Caps 7 7 Piers/Bents 7 7 7 </td <td>Temperature (deg. C)</td> <td>10</td> <td></td> <td></td> <td>All S abut bearings on TT blocks -photo.</td>	Temperature (deg. C)	10			All S abut bearings on TT blocks -photo.			
Coating Adequate (YiN) No Functioning (XN) Yes Functioning (XN) Yes	<u> </u>	EARING)			Corner bearings are rust jacked up to 5mm.			
Coating Adequate (YiN) No Functioning (XN) Yes Functioning (XN) Yes	(Fixed Type : REINFORCED P	AD BEARING)						
Deck Underside 4 4 Deck UI/G delamisgall @ both solut inter-photos. Haunch spall @ both solut inter-photos. Haunch spall @ Gd over P2 - photo. Isolated offborsecnee @ cracks. Retro drain trough installed @ N abut only. Mary flexural cracks to deck underside from girders deflecting. Span Alignment Problems								
Stains (Percent Area) 1 Deck U/S shallow delam G6, 7 over P1. Haunch spall @ 4 over P2 - photo. Isolated efflorescence @ cracks. Retro of rain trough insidie @ N abut only. Many flexural cracks on deck underside it on girders deflecting. Span Alignment Problems Vertical (V/N) No Vertical (V/N) No Current Component in the comp	Functioning (Y/N)	Yes						
Stains (Percent Area) 1 Deck U/S shallow delam G6, 7 over P1. Haunch spall @ 4 over P2 - photo. Isolated efflorescence @ cracks. Retro of rain trough insidie @ N abut only. Many flexural cracks on deck underside it on girders deflecting. Span Alignment Problems Vertical (V/N) No Vertical (V/N) No Current Component in the comp	Deck Underside	·	4	4	Deck U/S delam/spall @ both abut ints - photos.			
Vertical (Y/N) No G4 over P2 has water gating access bivm girder & deck, and synthm out under trafin. Skew pressures have moved bridge slightly. Superstructure General Ratim G4 4 4 5 Bridge Concentration of Condition Superstructure General Ratim Eutoperstructure General Ratim Eutoperstructure General Ratim Superstructure General Ratim <ths< td=""><td>Stains (Percent Area)</td><td>1</td><td colspan="2"></td><td colspan="4">Deck U/S shallow delam G6,7 over P1. Haunch spall @ G4 over P2 - photo. Isolated efflorescence @ cracks. Retro drain trough installed @ N abut only.</td></ths<>	Stains (Percent Area)	1			Deck U/S shallow delam G6,7 over P1. Haunch spall @ G4 over P2 - photo. Isolated efflorescence @ cracks. Retro drain trough installed @ N abut only.			
Horizontal (Y/N) Yes Squirting out under traffic. Superstructure General Rating 4 4 4 Superstructure General Rating 4 4 4 Bridge Component Last Now Explanation of Condition Abutments File File Explanation of Condition Bearing Seats/Caps 7 7 7 (Type : CONCRETE) 6 6 6 Piles N N N Paint/Coating 6 6 Abutment Stability 7 7 7 7 Scour/Erosion X 4 Water is gaining access to gap at top of slope protection & eroding file Piers/Bents 7 7 7 7 (Type : PIER-COLUMN) Image: Stat/Caps 7 7 Prers/Bents 7 7 7 (Type : PIER-COLUMN) Image: Stat/Caps 7 7 Bracing/Struts/Sheathing 7 7 7 Bracing/Struts/Sheathing 7 7 7 Pres/Bents 7 7 7	Span Alignment Problems							
Notizonial (VN) Tes Skew pressures have moved bridge slightly. Superstructure General Rating 4 4 4 Bridge Component Las Now Explanation of Condition Abutments Explanation of Condition Explanation of Condition Bearing Seats/Caps 7 7 (Type : CONCRETE) 7 7 Wingwalls 6 6 Piles N N Paint/Coating 6 6 Abutment Stability 7 7 Scour/Erosion X 4 Water is gaining access to gap at top of slope protection & eroding fil underneath. Piers/Bents 7 7 (Type : PIER-CoLUMN) 5 7 Bearing Seats/Caps 7 7 (Type : CONCRETE) To columns each pier. Piers/Bents 7 7 (Type : COLUMN) To columns each pier. Pier Shaft/Piles 7 7 Procolumns of Bearing Piles : 0:0) X X Nose Plate		No			G4 over P2 has water gaining access btwn girder & deck, and			
Superstructure General Rating 4 4 Bridge Component Last Now Explanation of Condition Abutments Fixplanation of Condition Fixplanation of Condition Bearing Seats/Caps 7 7 Gening Seats/Caps 7 7 Backwalls/Breastwalls 7 7 Wingwalls 6 6 Piles N N Paint/Coating 6 6 Abutment Stability 7 7 Scour/Erosion X 7 Piers/Bents 7 7 (Type : PIER-COLUMN) Valer is gaining access to gap at top of slope protection & eroding fil onderneath. Piers/Bents 7 7 (Type : PIER-COLUMN) T 7 Pier Shaft/Piles 7 7 Protoclumation of Bearing Piles : 0:0 T 7 Pier Shaft/Piles 7 7 Bracing/Struts/Sheathing X X Paint/Coating K X Nose Plate X X Paint/Coating K K <td>Horizontal (Y/N)</td> <td>Yes</td> <td></td> <td></td> <td>squirting out under traffic.</td>	Horizontal (Y/N)	Yes			squirting out under traffic.			
Bridge Component Lest Num Explanation of Condition Abutments i i Bearing Seats/Caps i i Type: cONCRETE; i i Backwalls/Breastwalls i i Wingwalls i i Piles i i Paint/Coating i i Abutment Stability i i Scour/Erosion i i Piers/Bents i i Type: PIER-COLUMN; i i Piers/Bents i i Type: CONCRETE; i i Piers/Bentifier i i Roading Seats/Capa in the image	Superstructure General Rating		4	4				
Bridge Component Lest Num Explanation of Condition Abutments i i Bearing Seats/Caps i i Type: cONCRETE; i i Backwalls/Breastwalls i i Wingwalls i i Piles i i Paint/Coating i i Abutment Stability i i Scour/Erosion i i Piers/Bents i i Type: PIER-COLUMN; i i Piers/Bents i i Type: CONCRETE; i i Piers/Bentifier i i Roading Seats/Capa in the image				Subst	ructure			
Abutments V Image: Seas/Caps T Bearing Seas/Caps 7 7 Grower Concrete 7 7 Backwalls/Breastwalls 7 7 Backwalls/Breastwalls 7 7 Wingwalls 6 6 Piles 6 6 Paint/Coating 6 6 Abutment Stability 6 6 Scour/Erosion 7 7 Restrictories 7 7 More restrictories 7 7 Restrictories 7 7 More restrictories 7 7 Prestrictories 7 7 Restrictories 7 7	Bridge Component		Last					
Type : CONCRETE) Backwalls/Breastwalls 7 7 Wingwalls 6 6 Piles N N Paint/Coating 6 6 Abutment Stability 7 7 Scour/Erosion X 4 Water is gaining access to gap at top of slope protection & eroding fil underneath. 1 Piers/Bents 7 7 (Type : CONCRETE) 7 7 (Type : CONCRETE) 7 7 (Type : CONCRETE) 7 7 Total Number of Bearing Piles : 0:0) 7 7 Piers/Batt/Piles 7 7 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 6 6 (Colour Description :) 6 6 (Colour Code :) 7 7 Pier Stability 7 7	Abutments							
Backwalls/Breastwalls 7 7 Wingwalls 6 6 Piles N N Paint/Coating 6 6 Abutment Stability 7 7 Scour/Erosion X 4 Water is gaining access to gap at top of slope protection & eroding fil undermeath. Piers/Bents 7 7 Type : PIER-COLUMN) 7 7 Bearing Seats/Caps 7 7 (Type : CONCRETE) Two columns each pier. Pier Shaft/Piles 7 7 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating X X Paint/Coating X X Paint/Coating X X Paint/Coating X X Pier Shaft/Piles 7 7 Prier Stability 7 7	Bearing Seats/Caps		7	7				
WingwallsIIWingwalls66PilesNNPaint/Coating66Abutment Stability77Scour/ErosionX4Water is gaining access to gap at top of slope protection & eroding fil underneath.Piers/BentsX4Water is gaining access to gap at top of slope protection & eroding fil underneath.Piers/Bents77(Type : PIER-COLUMN)T7Bearing Seats/Caps77(Type : CONCRETE)T(Total Number of Bearing Piles : 0:0)77Pier Shaft/Piles77Bracing/Struts/SheathingXXNose PlateXXPaint/Coating66(Colour Description :) (Colour Code :)77Pier Stability77Pier Stability77	(Type : CONCRETE)							
Piles N N Paint/Coating 6 6 Abutment Stability 7 7 Scour/Erosion X 4 Water is gaining access to gap at top of slope protection & eroding fil underneath. Piers/Bents Vater is gaining access to gap at top of slope protection & eroding fil underneath. Piers/Bents 7 7 (Type : PIER-COLUMN) For a state of the state of	Backwalls/Breastwalls		7	7				
Paint/CoatingImage: Constraint of the second se	Wingwalls		6	6				
Abutment Stability 7 7 Scour/Erosion X 4 Water is gaining access to gap at top of slope protection & eroding fil underneath. Piers/Bents V 4 Water is gaining access to gap at top of slope protection & eroding fil underneath. Piers/Bents 7 7 (Type : PIER-COLUMN) 7 7 Bearing Seats/Caps 7 7 (Type : CONCRETE) 7 7 (Total Number of Bearing Piles : 0:0) T 7 Pier Shatt/Piles 7 7 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 6 6 (Colour Description :) 6 6 (Colour Code :) 7 7 Pier Stability 7 7	Piles		N	N				
K K K Scour/Erosion X 4 Water is gaining access to gap at top of slope protection & eroding fil underneath. Piers/Bents V K F (Type : PIER-COLUMN) T 7 Bearing Seats/Caps 7 7 (Type : CONCRETE) T 7 (Total Number of Bearing Piles : 0:0) T 7 Pier Shaft/Piles 7 7 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 6 6 (Colour Description :) 5 6 (Colour Code :) 7 7 Pier Stability 7 7	Paint/Coating		6	6				
Piers/Bents underneath. or or or (Type : PIER-COLUMN) T 7 Bearing Seats/Caps 7 7 (Type : CONCRETE) 7 7 (Total Number of Bearing Piles : 0:0) T 7 Pier Shaft/Piles 7 7 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 6 6 (Colour Description :) (Colour Code :) Pier Stability 7 7	Abutment Stability		7	7				
(Type : PIER-COLUMN)Bearing Seats/Caps77Grype : CONCRETE)77(Total Number of Bearing Piles : 0:0)77Pier Shaft/Piles77Bracing/Struts/SheathingXXNose PlateXXPaint/Coating66(Colour Description :)66(Colour Code :)77Pier Stability77	Scour/Erosion		X	4	Water is gaining access to gap at top of slope protection & eroding fill underneath.			
Bearing Seats/Caps 7 7 (Type : CONCRETE) T 7 (Total Number of Bearing Piles : 0:0) Two columns each pier. Pier Shaft/Piles 7 7 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 6 6 (Colour Description :) 6 6 (Colour Code :) 7 7 Pier Stability 7 7	Piers/Bents							
(Type : CONCRETE)(Total Number of Bearing Piles : 0:0)T7Pier Shaft/Piles77Bracing/Struts/SheathingXXNose PlateXXPaint/Coating66(Colour Description :) (Colour Code :)66Pier Stability77	(Type : PIER-COLUMN)							
(Type : CONCRETE)(Total Number of Bearing Piles : 0:0)T7Pier Shaft/Piles77Bracing/Struts/SheathingXXNose PlateXXPaint/Coating66(Colour Description :) (Colour Code :)66Pier Stability77	Bearing Seats/Caps		7	7				
Pier Shaft/Piles 7 7 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 6 6 (Colour Description :) 6 6 (Colour Code :) 7 7	(Type : CONCRETE)							
Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating 6 6 (Colour Description :) 6 6 (Colour Code :) 7 7	(Total Number of Bearing Piles :	0:0)			Two columns each pier.			
Nose Plate X X Paint/Coating (Colour Description :) (Colour Code :) 6 6 Pier Stability 7 7	Pier Shaft/Piles		7	7				
Paint/Coating 6 6 (Colour Description :) 6 6 (Colour Code :) 7 7	Bracing/Struts/Sheathing		X	Х				
(Colour Description :) (Colour Code :) Pier Stability 7	Nose Plate		X	Х				
(Colour Description :) (Colour Code :) Pier Stability 7	Paint/Coating		6	6				
(Colour Code :) Pier Stability 7	¥				1			
Pier Stability 7 7	· · · · · · · · · · · · · · · · · · ·				1			
Scour X X	/		7	7				
	Scour		X	Х				

			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Debris (Y/N)	No			
Substructure General Rating			7	
		S	Structu	re Usage
		Last		Explanation of Condition
Grade Separation				
Road Alignment			X	
Traffic Safety Features			Х	
Туре				
Slope Protection		4	4	Top of N concrete slope settled & slopes towards abut. Few random cracks, up to 6mm wide. 70mm gap at jnt btwn abut &
(Type : CONCRETE; CONC	RETE)			Few random cracks, up to 6mm wide. 70mm gap at jnt btwn abut & concrete slope protection S, 20mm gap N. Gap in S abut continuing to crack under G2.
Bank Stability			7	
Drainage		7	7	
Grade Separation General Ra	ating	7	7	

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Bridge Inspection & Maintenance System (Web 2005)

75339 N-1 Bridge

Cat # Yes Est. Cost Maint. Reqd. (Y/N) 0 Estimated Total Target Year 2008.01.29 Adandonment might not take place until 2015 or later. Chip seal deck in 2008/09 as part of Hwy program. 2037 14-Sep-2011 Est. Repl. Yr Department Comments Previous Assistant's Name Previous Inspection Date Department Comments 59.0/57.7 Date Determine reason for blocking South abutment bearings and repair during major rehab. Replace rocker bearings with neoprene pads. enance Recommen Replace with waterproof deck joints & full depth deck repair along jnts. Sufficiency Rating (Last/Now) (%) Replace asphalt with concrete overlay. Inspector Comments 61.1/61.1 **Owen Salava** 2013 2013 2013 Year 18-Jul-2014 No action for slope protection. Inspect at regular intervals. Structural Condition Rating (Last/Now) (%) 5 REPAIR ABUTMENT SCOUR/EROSION STRAIGHTEN/REPLACE MEMBERS REMOVE DRIFT ACCUMULATION Inspection Cycle (Default) (months) **REPAIR/REPLACE DECK JOINTS GALVANIZE/PAINT BRIDGE RAIL REPAIR/REPLACE BRIDGE RAIL** REPAINT SUPERSTRUCTURE PLACE ADDITIONAL RIP RAP Proposed Long-Term Strategy Inspector Recommendations **RESET/ PAINT BEARINGS** Previous Inspector's Name Maintenance Reviewed By **RETROFIT BRIDGE RAIL** On 3-Year Program (Y/N) SHOTCRETE REPAIRS Next Inspection Date OVERLAY DECK OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION Proposed Action Special Comments for Next Inspection SEAL CURBS PATCH DECK SEAL DECK WASHING Comment

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			Maintenance Recommen	dations					
Inspector Recommendations	Y	′ear	Inspector Comments	Department C	Comments		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL									
GALVANIZE/PAINT BRIDGE RAIL									
RETROFIT BRIDGE RAIL									
SEAL CURBS									
PATCH DECK									
SEAL DECK									
OVERLAY DECK		013	Replace asphalt with concrete overlay.	next rehab			2017		
REPAIR/REPLACE DECK JOINTS	20	013	Replace with waterproof deck joints & full depth deck repair along jnts.	next rehab			2017		
RESET/ PAINT BEARINGS	20	:013	Determine reason for blocking South abutment bearings and repair during major rehab. Replace rocker bearings with neoprene pads	next rehab			2017		
REPAINT SUPERSTRUCTURE			· · · · ·						
STRAIGHTEN/REPLACE MEMBERS									
WASHING									
SHOTCRETE REPAIRS									
REPAIR ABUTMENT SCOUR/EROSIO	ON								
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
Structural Condition Rating (Last/No (%)	9w) 6 ⁻	51.1/61. ⁻	1 Sufficiency Rating (Last/Now) (%)	59.0/57.7	Est. Repl. Yr	2037	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection	rotectior ervals.	n.		Department Comments	Bridge-deck rehab cur	rently s	cheduled for 20	017. DA	
Maintenance Reviewed By D	Darron A	Ahlstedt		Date	18-Apr-2013	E	Estimated Tota	I 0	
Proposed Long-Term Strategy 2	2008.01.	.29 Ada	andonment might not take place until 2015 or l	ater. Chip seal	deck in 2008/09 as part	of Hwy	program.	·	
On 3-Year Program (Y/N)									

Proposed Action			
Previous Inspector's Name	Owen Salava	Previous Assistant's Name	
Next Inspection Date	18-Jul-2014	Previous Inspection Date	14-Sep-2011
	18-Jul-2014 21	Previous Inspection Date	14-Sep-2011
· · · · · · · · · · · · · · · · · · ·		Previous Inspection Date	14-Sep-2011