Bridge Inspection																
Bridge File Number 75112 -1 Bridge								Form Type			PSR					
Year Built/Year 1961/1961									Lot No.			2				
Bridge or Town Name SEEBE							Ins	Inspector Name			Garry Roberts					
Located Over		SEEBE CPR							pector (Class	<u> </u>	BR CLS A				
Located On		1X:02 C1	1 2 079					As	sistant N	Name)					
Water Body Cl./	Voor	17.02 C	1 2.070					As	sistant (Class						
Navigabil. Cl./Ye									pection		<u> </u>	30-Jul-2012				
Legal Land Loca		NW SEC	33 TWP	24 RGF	8 W5				Data Entry By			Lauren Korte	-			
			49, 51:05			J. 11					02-Sep-2012	2				
Road Authority		Alberta T	,		T)				viewer I)	Tom Carey				
Contract Main. A		CMA28	ranoportation (7117)						Review Date Dept. Reviewer Name			07-Aug-2012	<u> </u>			
Clear Roadway/	Skew	11 /										Tim Davies				
AADT/Year		1,030 / 2	011 (A)						pt. Revi		ate	06-Sep-2012	<u> </u>			
Road Classificat		RAU-211						- 50	llow-Up	БУ						
Detour Length (k	km)	50														
Allowable Load ((t): Sin				Sem		S2 49	Train				3 65		> On Critic	al Spa	ns
Design Loading:		HS2	DER			G	IRDER				GII	RDER		>Critical M		
Design Loading.		1102	.0			P	osting l	nfor	mation					> i ililialy (эрап	
Required Vert. C	Clearan	ce Postin	g (m)				Journal	ше	matron.							
Posted Vertical (J ()	No												
Posted: Lane	NB		ridge (m)		ln Adv	ance	(Y/N)	No	No Lane SI		0	n Bridge (m)		In Advance (Y/N)		No
Remarks	Not re	quired.					` , ,		'						. ,	
Required Load Posting (t) Single							Semi			Truck Train						
Posted Loading	(t)			Single					Semi				Truck Train			
Posted:	Lane	NB		At Juno	tion (\	Y/N)	No		In Advance (Y/N)		No	At Br	At Bridge (Y/N) No			
Posted:	Lane	SB		At Junc	tion (Y/N)	No		In Advance (Y/N)		No	At Bridge (Y/N) No				
Remarks	Not re	quired.														
Hazard Marker A	At Bridg	ge (Y/N)	Yes													
Remarks																
Other Sign Type	S															
Little Attackers	-1- 0:		III ITIEO A	OTLIED	LINIEC		tilities (0 D.I	ONELI	NE				
Utility Attachments OTHER UTILITIES-OTHER LINES Telephone Under bridge @ railway.				o; IEL	EPHO	$\overline{}$		5-PH								
Telephone		bridge @ side - 4 lir	•						Gas East of Municipal			of overpass.				
Power				nck @ 94	outh n	ior			Problem (Y/N) No							
Others	Others Telegraph lines under deck @ South pi Fibre optics @ West r/w & under bridge				e. 9.		FIG	FIODIEIII (1/N) NO								
Remarks																
							proach Road									
LI CANADA			Last			Explanation of Condition On crest curve.										
Horizontal Alignment				7	7	On	crest c	urve.								
Vertical Alignment			6	6												
Roadway Width (m) 12.000																
Approach Bump				6	6											
Guardrail (Y/N) Yes						Has steel I posts @ 0.9m spacing but insufficient posts @ 1.9m						m				
Guardrail							4	spa	acing.	•				•		
Length (m)			99.000						2 split posts at NW. Not thriebeam.							
O ()			No													
Termination Type TURNED DOWN				N												
Drainage					7	7										
						1										

					Approa	ch Road					
					Now						
Approach R	oad General	Rating		6	6						
					Cupara	Arricatura					
Bridge Com	nonent					tructure Explanation of Condition					
		ns. Lenaths	(m): 18.3-18.3			·					
Special Feat		,	(): 10.0 10.0	1010,71							
Special Feat					Х						
(Type :)											
Special Feat	ure				Х						
(Type:)											
Wearing Surf	ace/Deck Top	Detail Rating	gs								
	N (%)	1 (%)	2 (%)	3 (%)							
Last	0	0	0		0						
Now	0.0	0.0	0.0	C	0.0						
Wearing Surf				7	7						
(Material T	ype : CONCR	ETE - CONV	ENTIONAL CH	IIP SEA	L.						
(Thickness	(mm) : 50)										
Lateral Conn (Y/N)	ection Probler	m No									
Deck Top	Deck Top										
Deck Rideability				7	7						
Deck Joints					7						
Temperature (deg. C) 20											
(Expansion	Type : GLAN	ID (WABO-M	AUER, TRAN	SFLEX,	ETC))						
(Fixed Type	e:)										
Gap Size (ı	mm)		Location								
75			h abutment								
	70 South pier										
75 North pier											
75		Nort	h abutment								
Deck Draina	ge			4	4	Drains disconneced @ Both sides of North pier.					
Drains Clo	gged (Y/N)	No									
Curbs/Media				4	4	Spall at SW concrete curb 500 X 260 X 200.					
	: Standard)										
	ercent Area)	2									
Bridge Rail	IDGE TURE			7	7	Missing 1 A/B at West rail over pier 2 and 1 at East rail Sp. 3- 2 A/B nuts with insufficient thread at SW.					
(Type : BRIDGE TUBE) Bridge Rail Posts					3						
(Type: GALVANIZED POST STEEL; GALVANIZED F STEEL)					J						
Bridge Rail/Posts Coating					6						
(Type:)				6		1					
Sidewalk											
Girder Detail	Ratings										
N (count) 1 (count) 2 (count)			3 (cou	unt)							
Last	0	0	0		0						
Now	0	0	0		0						

Bridge Component Last Now Explanation of Condition			Ş	Supers	tructure
Girders	Bridge Component				
Cracking (Y/N) No Spalling (Percent Area) 0 Number Of Grideris: 18) Diaphragms/Cross Frame 7 7 7 Temperature (deg. C) 20 (Expansion Type: SLIDING PLATE) (Fixed Type: FUNNED BEARING) Coating Adequate (Y/N) Yes Punctioning (Y/N) Yes Deck Underside 7 7 7 Stains (Percent Area) 2 Span Alignment Problems Vertical (Y/N) No Superstructure General Rating 7 7 Bridge Component Last Now Explanation of Condition Abutments Bearing Seats/Caps 6 6 Grype: CONCRETE) Backwalls/Breastwalls 6 6 Backing/Struts/Sheathing Ns X X Piers/Bents ((Ype: CONCRETE) Clotal Number of Bearing Piles: 4:4) Piers Shaff-Ples Bridge Coulum (Name) Random cracks in all piles. Piers Shaff-Ples Bridge Color (Colour Description:) ((Colour Description:)		engths(m): 18.3-18.3-1			-
Spalling (Percent Area) O	Girders		7	7	
Number Of Girders : 18) Disphragma/Cross Frame	Cracking (Y/N) No				
Number Of Girders : 18) Disphragma/Cross Frame	Spalling (Percent Area) 0				
re-coated. re-coated.	(Number Of Girders : 18)				
Temperature (deg. C)	Diaphragms/Cross Frame		7	7	Diaphragms have 5% corrosion @ South abutment, North abutment re-coated.
Temperature (deg. C)	Bearings		7	7	
(Expansion Type : SLIDING PLATE) ((Fixed Type : PINNED BEARING) Coating Adequate (YN) Yes Functioning (YN) Yes Deck Underside 7 7 7 Stains (Percent Area) 2 Span Alignment Problems Vertical (YN) No Horizontal (YN) No Superstructure General Rating 7 7 Substructure Bridge Component Last Now Explanation of Condition Substructure Bridge Component Last Now Explanation of Condition Wingwalls 7 7 Plies N N N Buried. Wingwalls 7 7 Piles N N N Buried. Paint/Coating X X X Abutment Stability 7 7 Scour/Erosion X X X Piers/Bents (Type : CONCRETE) Board Spats/Caps 6 6 Figure Concrete (YN) N N Buried. Paint/Coating X X X Abutment Stability 7 7 Scour/Erosion X X X Piers/Bents (Type : PIER-COLUMN) Bearing Spats/Caps 6 6 Figure Concrete (YN) N N Bearing Spats/Caps 6 6 Figure Concrete (YN) N N Bearing Spats/Caps 6 6 Figure Concrete (YN) N N N Bearing Spats/Caps 7 7 Random cracks in all piles. Piers/Bents (Type : Concrete (YN) N N N N N N N N N N N N N N N N N N		20			
Fixed Type : PINNED BEARING					
Coating Adequate (Y/N)					
Punctioning (Y/N) Yes		<u> </u>			
Deck Underside					
Stains (Percent Area) 2	Deck Underside		7	7	Some scaling @ deck underside exit.
Span Alignment Problems		2			
Vertical (Y/N)		_			
Horizontal (Y/N)		No			
Substructure Substructure					
Substructure			7	7	
Bridge Component	Superstructure General Rating		•	'	
Abutments Bearing Seats/Caps 6 6 6				Subst	ructure
Bearing Seats/Caps 6 6	Bridge Component		Last	Now	Explanation of Condition
(Type : CONCRETE) Backwalls/Breastwalls 6 6 6	Abutments			1	
Backwalls/Breastwalls			6	6	
Piles				1	
Piles	Backwalls/Breastwalls		6	6	
Paint/Coating	Wingwalls		7	7	
Abutment Stability 7 7 Scour/Erosion X X Piers/Bents (Type : PIER-COLUMN) Bearing Seats/Caps 6 6 (Type : CONCRETE) (Total Number of Bearing Piles : 4:4) Pier Shaft/Piles 6 6 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating X X (Colour Description :) (Colour Code :)	Piles		N	N	Buried.
Scour/Erosion X X X Piers/Bents (Type : PIER-COLUMN) Bearing Seats/Caps 6 6 (Type : CONCRETE) (Total Number of Bearing Piles : 4:4) Pier Shaft/Piles 6 6 Bracing/Struts/Sheathing X X X Nose Plate X X X Paint/Coating X X X (Colour Description :) (Colour Code :)	Paint/Coating		Х	Х	
Piers/Bents (Type : PIER-COLUMN) Bearing Seats/Caps 6 (Type : CONCRETE) (Total Number of Bearing Piles : 4:4) Random cracks in all piles. Pier Shaft/Piles 6 6 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating X X (Colour Description :) (Colour Code :)	Abutment Stability		7	7	
(Type : PIER-COLUMN) Bearing Seats/Caps 6 6 (Type : CONCRETE) Random cracks in all piles. (Total Number of Bearing Piles : 4:4) Pier Shaft/Piles 6 6 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating X X (Colour Description :) (Colour Code :)	Scour/Erosion		Х	Х	
(Type : PIER-COLUMN) Bearing Seats/Caps 6 6 (Type : CONCRETE) Random cracks in all piles. (Total Number of Bearing Piles : 4:4) Pier Shaft/Piles 6 6 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating X X (Colour Description :) (Colour Code :)	Piers/Bents				
(Type : CONCRETE) (Total Number of Bearing Piles : 4:4) Pier Shaft/Piles 6 6 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating X X X (Colour Description :) (Colour Code :)	(Type : PIER-COLUMN)				
(Type : CONCRETE) (Total Number of Bearing Piles : 4:4) Pier Shaft/Piles 6 6 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating X X X (Colour Description :) (Colour Code :)	Bearing Seats/Caps		6	6	
Pier Shaft/Piles 6 6 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating X X (Colour Description :) (Colour Code :)					
Pier Shaft/Piles 6 6 Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating X X (Colour Description :) (Colour Code :)	(Total Number of Bearing Piles :	4:4)			Random cracks in all piles.
Nose Plate X X Paint/Coating X X (Colour Description:) (Colour Code:)	Pier Shaft/Piles		6	6	
Paint/Coating X X (Colour Description:) (Colour Code:)	Bracing/Struts/Sheathing		X	X	
(Colour Description :) (Colour Code :)	Nose Plate		Х	Х	
(Colour Description :) (Colour Code :)	Paint/Coating		Х	Х	
(Colour Code :)					1
	Pier Stability		7	7	
Scour X X	Scour		Х	Х	

	ructure			
Bridge Component			Now	Explanation of Condition
Debris (Y/N)	No			
Substructure General Rating			6	
		S	tructu	re Usage
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment			X	
Traffic Safety Features		Х	Х	
Туре				
Slope Protection		7	7	
(Type: NATURAL; NATURAL	.)			
Bank Stability			7	
Drainage			7	
Grade Separation General Rati	ng	7	7	

75112 -1 Bridge

				Maintenance R	ecommend	ations					
Inspector Recommendations	\	Year	Inspecto	or Comments		Department Com		Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL	2	2012 Replace 2 post A/B. Replace 2 posts approach.			s at NW						
GALVANIZE/PAINT BRIDGE RAIL											
SEAL CURBS											
PATCH DECK											
SEAL DECK											
OVERLAY DECK											
REPAIR/REPLACE DECK JOINTS											
RESET/ PAINT BEARINGS											
WASHING											
SHOTCRETE REPAIRS											
REPAIR ABUTMENT SCOUR/EROSI	ON										
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
OTHER ACTION		2012		ect drains at both ends of F	2.						
OTHER ACTION	2	2012	Repair S	SW curb spall 0.03m3.							
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/N (%)	ow)	72.2/72.2 Sufficiency Rating (Last/N			Now)	64.7/64.7	Est. Repl. Yr	2035	Maint. Red	qd. (Y/N)	Yes
Special Comments for Next Inspection						Department Comments					
Maintenance Reviewed By						Date		E	Estimated Total	0	
Proposed Long-Term Strategy											
On 3-Year Program (Y/N)											
Proposed Action											
Previous Inspector's Name	Garry R	oberts			Previous /	Previous Assistant's Name					
Next Inspection Date	30-Apr-2	-Apr-2014 Previous Inspection Date 29-Sep-2010									
Inspection Cycle (Default) (months)	21										
Comment											

Bridge Inspection & Maintenance System (Web 2005)