

Bridge Inspection										
Bridge File Number	78899 -2 Bridge				Form Type	SG				
Year Built/Year Supstr	1999/1999				Lot No.	4				
Bridge or Town Name	SEEBE				Inspector Name	Garry Roberts				
Located Over	EVAN-THOMAS CREEK, 2.13.56.12, WATERCRS-ST				Inspector Class	BR CLS A				
Located On	TRAIL-PED, ON 50000 FB				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	06-Dec-2011				
Legal Land Location	NE SEC 23 TWP 22 RGE 9 W5M				Data Entry By	Erin Roberts				
Longitude, Latitude	-115:08:16, 50:53:29				Data Entry Date	29-Jan-2012				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Tom Carey				
Contract Main. Area	UNDEFINED CMA				Review Date	21-Dec-2011				
Clear Roadway/Skew	3.5 /				Dept. Reviewer Name	Tim Davies				
AADT/Year					Dept. Review Date	06-Feb-2012				
Road Classification					Follow-Up By					
Detour Length (km)	1									
Allowable Load (t):	Single		Semi		Train		----> On Critical Spans ---->Critical Member			
Design Loading:							----> Primary Span			

Posting Information									
Required Load Posting (t)	Single				Semi		Truck Train		
Posted Loading (t)	Single				Semi		Truck Train		
Posted:	Lane	NB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No	
Posted:	Lane	SB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No	
Remarks	Not required.								
Hazard Marker At Bridge (Y/N)	No								
Remarks	Not required.								
Other Sign Types									

Utilities (Located at)										
Utility Attachments										
Telephone					Gas					
Power					Municipal					
Others					Problem (Y/N)	No				
Remarks										

Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			5	5	Pedestrian & bicycle bridge on trail in Kananaskis Park. Located 50mm D/S from BF 77486 on Hwy 40. Alignments adequate for use.				
Vertical Alignment			5	5					
Roadway Width (m)	2.500								
Approach Bump			7	7					
Guardrail (Y/N)	Yes								
Guardrail			7	7					
Length (m)	3.500								
Current Standard (Y/N)	Yes								
Termination Type									
Drainage			7	7					
Approach Road General Rating			5	5					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : WG, 1 Spans, Lengths(m): 31.5, A-Ident Number:)					
Special Features					
Special Feature			X		
(Type :)					
Special Feature			X		
(Type :)					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	
Last					
Now	0.0	0.0	0.0	0.0	
Wearing Surface			8	7	180 x 50 timber. - CCA
(Material Type : COPPER CHROMATE ARSENATE TREATED TIMBER)					
(Thickness(mm) : 75)					
Deck Top			N	N	
Deck Rideability			8	7	
Deck Joints			8	7	
Temperature (deg. C)		-5			
(Expansion Type : SLIDING PLATES)					
(Fixed Type :)					
Gap Size (mm)		Gap Location			
50		North abutment			
70		South abutment			
Deck Drainage			9	7	
Drains Clogged (Y/N)		No			
Curbs/Median			X	X	
(Curb Type : Standard)					
Scaling (Percent Area)					
Bridge Rail			8	7	Steel 150 x 150 galvanized HSS posts with 5 rows of 40 x 130 timber rails.
(Type : TREATED TIMBER BRIDGE SOLID BEAM (EX. TIMBER RAILS);UNTREATED TIMBER BRIDGE SOLID BEAM (EX. TIMBER RAILS))					
Bridge Rail Posts		9	8		
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)					
Bridge Rail/Posts Coating		9	7		
(Type :)					
Sidewalk			X	X	
Girder/Beam					
Cover Plate			X	X	
Flange			9	8	
Web			9	8	
Stiffeners			X	X	
Splice			9	8	
Weld			9	8	
Diaphragms/Cross Frame			9	8	

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : WG, 1 Spans, Lengths(m): 31.5, A-Ident Number:)				
Paint Condition		9	X	Weathering steel
(Colour Description :)				
(Colour Code :)				
Touchup Required (Y/N)	No			
Bearings		8	6	Appears to have neoprene under galvanized steel plate on concrete abutment seat. Both ends are expansion. NE bearing plate is twisted 40mm but functional.
Temperature (deg. C)	-5			
(Expansion Type : REINFORCED PAD BEARING)				
(Fixed Type :)				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside		8	8	150 x 100 CCA timber subdeck running longitudinally on 260mm x 145mm steel I-beam floor beams.
Stains (Percent Area)	0			
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating		8	6	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps		9	8	
(Type : CONCRETE)				
Backwalls/Breastwalls		9	8	
Wingwalls		9	8	
Piles		N	N	
Paint/Coating		5	5	
Abutment Stability		9	8	
Scour/Erosion		9	8	
Piers/Bents				
(Type :)				
Bearing Seats/Caps		X	X	
(Type :)				
(Total Number of Bearing Piles :)				
Pier Shaft/Piles		X	X	
Bracing/Struts/Sheathing		X	X	
Nose Plate		X	X	
Paint/Coating		X	X	
(Colour Description :)				
(Colour Code :)				
Pier Stability		X	X	
Scour		X	X	
Debris (Y/N)	No			
Substructure General Rating		9	8	

Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : E)				
(D/S Direction : W)				
Alignment		8	8	
Bank Stability		5	6	
HWM (m below Top of Curb)	3.6			No HWM visible. Trees @ Streambed
Drift (Y/N)	Yes			
Slope Protection		7	7	
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs		X	X	
Adequacy of Opening		8	7	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		7	7	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department 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							
REPAIR/REPLACE DECK JOINTS							
RESET/ PAINT BEARINGS							
REPAINT SUPERSTRUCTURE							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
SHOTCRETE REPAIRS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	94.4/77.8	Sufficiency Rating (Last/Now) (%)	94.0/87.1	Est. Repl. Yr	2053	Maint. Req. (Y/N)	No
Special Comments for Next Inspection			Department Comments				
Maintenance Reviewed By			Date			Estimated Total	0
Proposed Long-Term Strategy							
On 3-Year Program (Y/N)							
Proposed Action							
Previous Inspector's Name	Tom Carey		Previous Assistant's Name				
Next Inspection Date	06-Sep-2016		Previous Inspection Date	17-Oct-2008			
Inspection Cycle (Default) (months)	57						
Comment							