

Bridge Inspection										
Bridge File Number	84039 -1 Bridge					Form Type	SG			
Year Built/Year Supstr	2000/2000					Lot No.	4			
Bridge or Town Name	KANANASKIS G					Inspector Name	Garry Roberts			
Located Over	OVER TR;KANANASKIS RIVER, 2.13.56, WATERCRS-ST					Inspector Class	BR CLS A			
Located On	MUNICIPAL;TRAIL-PED, ON 50000 TR					Assistant Name				
Water Body Cl./Year						Assistant Class				
Navigabil. Cl./Year						Inspection Date	06-Dec-2011			
Legal Land Location	NW SEC 26 TWP 22 RGE 9 W5M					Data Entry By	Erin Roberts			
Longitude, Latitude	-115:09:01, 50:54:08					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	2.6 /					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					
Design Loading:						----> On Critical Spans ---->Critical Member ----> Primary Span				

Posting Information										
Required Vert. Clearance Posting (m)										
Posted Vertical Clearance (Y/N)		No								
Posted:	Lane	NB	On Bridge (m)		In Advance (Y/N)		Lane	SB	On Bridge (m)	In Advance (Y/N)
Remarks	Not required.									
Required Load Posting (t)		Single		Semi		Truck Train				
Posted Loading (t)		Single		Semi		Truck Train				
Posted:	Lane	WB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No		
Posted:	Lane	EB	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		Rapid Span WO-2057								

Utilities (Located at)										
Utility Attachments										
Telephone						Gas				
Power						Municipal				
Others	2 conduits under bridge.					Problem (Y/N)	No			
Remarks										

Approach Road										
			Last	Now	Explanation of Condition					
Horizontal Alignment			5	5	Bridge is for pedestrian & golf cart traffic on the Kananaskis Golf Course. At the 16th hole on Mt Lorette course. Alignments adequate for use.					
Vertical Alignment			5	5						
Roadway Width (m)		3.000			3.5m of steel approach rail.					
Approach Bump			5	5						
Guardrail (Y/N)		Yes								
Guardrail			8	8						
Length (m)		3.500								
Current Standard (Y/N)		Yes								
Termination Type		None								
Drainage			7	7						

Approach Road					
			Last	Now	Explanation of Condition
Approach Road General Rating			5	5	
Superstructure					
Bridge Component			Last	Now	Explanation of Condition
(Primary Span : WG, 1 Spans, Lengths(m): 28.6, A-Ident Number:)					
Special Features					
Special Feature					
(Type :)					
Special Feature					
(Type :)					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	
Last					
Now	0.0	0.0	0.0	0.0	
Wearing Surface			6	7	Transverse cracks @ concrete construction joints.
(Material Type : ACP)					
(Thickness(mm) : 50)					
Deck Top			N	N	ACP over concrete deck.
Deck Rideability			7	7	
Deck Joints			7	X	Open gap - ACP filled.
Temperature (deg. C)					
(Expansion Type :)					
(Fixed Type :)					
Gap Size (mm)		Gap Location			
25		East abutment			
20		West abutment			
Deck Drainage			9	9	
Drains Clogged (Y/N)		No			
Curbs/Median			X	X	
(Curb Type : Standard)					
Scaling (Percent Area)					
Bridge Rail			9	8	Steel HSS rail & posts. 40 x 150 timber bottom rail. Weathering steel.
(Type : BRIDGE TUBE)					
Bridge Rail Posts			9	8	
(Type : POST STEEL;POST STEEL)					
Bridge Rail/Posts Coating			X	X	
(Type :)					
Sidewalk			X	X	
Girder/Beam					
Cover Plate			X	X	
Flange			9	8	
Web			9	8	
Stiffeners			9	8	
Splice			9	8	
Weld			9	8	

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : WG, 1 Spans, Lengths(m): 28.6, A-Ident Number:)				
Diaphragms/Cross Frame		9	8	
Paint Condition		X	X	Weathering steel
(Colour Description :)				
(Colour Code :)				
Touchup Required (Y/N)	No			
Bearings		7	7	Fixed both ends.
Temperature (deg. C)	-5			
(Expansion Type :)				
(Fixed Type : REINFORCED PAD BEARING)				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside		8	8	Deck cast in segments with grout @ construction joints.
Stains (Percent Area)	0			
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating		7	7	
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		X	X	
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				
Bridge Component		Last	Now	Explanation of Condition
Substructure General Rating		9	8	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : S)				
(D/S Direction : N)				
Alignment		7	7	
Bank Stability		9	8	
HWM (m below Top of Curb)	208.0			
Drift (Y/N)	No			
Slope Protection		9	8	
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs		X	X	
Adequacy of Opening		9	8	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		7	7	
Grade Separation				
Road Alignment		X	X	
Traffic Safety Features		X	X	River crossing only
Type				
Slope Protection		X	X	
(Type : RIP RAP; RIP RAP)				
Bank Stability		X	X	
Drainage		X	X	
Grade Separation 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) (%)	88.9/83.3	Sufficiency Rating (Last/Now) (%)	62.7/60.9	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-Mar-2015		Previous Inspection Date	22-Oct-2008			
Inspection Cycle (Default) (months)	39						
Comment							