

Bridge Inspection										
Bridge File Number	84043 -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	KANANASKIS GOLF COURSE;TRAIL-PED, ON 50000 TR					Assistant Name				
Water Body Cl./Year						Assistant Class				
Navigabil. Cl./Year						Inspection Date	13-Dec-2011			
Legal Land Location	SE SEC 24 TWP 19 RGE 9 W5M					Data Entry By	Erin Roberts			
Longitude, Latitude	-115:07:11, 50:37:01					Data Entry Date	29-Jan-2012			
Road Authority	Alberta Transportation (AIT)					Reviewer Name	Tom Carey			
Contract Main. Area	CMA28					Review Date	21-Dec-2011			
Clear Roadway/Skew	4.1 /					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 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		WO-2056 on girder.								

Utilities (Located at)										
Utility Attachments										
Telephone					Gas					
Power					Municipal					
Others	Pipeline & 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 @ the 2nd hole of Mountain Kidd Course. Alignments adequate for use - 3.1m of steel approach rail.				
Vertical Alignment			5	5					
Roadway Width (m)		3.000							
Approach Bump			7	7					
Guardrail (Y/N)		Yes							
Guardrail			8	8					
Length (m)		3.100							
Current Standard (Y/N)		Yes							
Termination Type		None							
Drainage			8	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): 31.5, 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	6	Transverse cracks @ concrete construction joints.
(Material Type : ACP)				
(Thickness(mm) : 70)				
Deck Top		N	N	ACP over concrete.
Deck Rideability		7	7	
Deck Joints		7	X	Open gap ACP filled.
Temperature (deg. C)				
(Expansion Type :)				
(Fixed Type :)				
Gap Size (mm)		Gap Location		
45		East abutment		
10		West abutment		
Deck Drainage		9	8	
Drains Clogged (Y/N)		No		
Curbs/Median		8	7	200 x 250 CCA timber wheelguard.
(Curb Type : Standard)				
Scaling (Percent Area)		0		
Bridge Rail		9	8	Steel HSS rails & posts. 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): 31.5, A-Ident Number:)				
Diaphragms/Cross Frame		6	6	End concrete diaphragm is cracked @ NW from deck jamming against it -
Paint Condition		X	X	Weathering Steel
(Colour Description :)				
(Colour Code :)				
Touchup Required (Y/N)	No			
Bearings		7	7	
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		X	X	
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	

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Debris (Y/N)	No			
Substructure General Rating		9	8	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : S)				
(D/S Direction : N)				
Alignment		8	7	
Bank Stability		9	8	
HWM (m below Top of Curb)	3.2			No visible HWM.
Drift (Y/N)	No			
Slope Protection		9	8	
(Type : RIP RAP)				
Guidebank/Spurs		9	8	Rock spurs U/S & D/S.
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)				
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	Contact course superintendent Calvin McNeely 403 531-7088 ext 330 / Cell 403 609-8625 prior to 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	13-Mar-2015		Previous Inspection Date	22-Oct-2008			
Inspection Cycle (Default) (months)	39						
Comment							