

Bridge Inspection						
Bridge File Number	84092 -2 Bridge			Form Type	SG	
Year Built/Year Supstr	2008/2008			Lot No.	3	
Bridge or Town Name	Scott Lake			Inspector Name	Garry Roberts	
Located Over	JUMPINGPOUND CREEK, 2.13.43, WATERCRS-ST			Inspector Class	BR CLS A	
Located On	LOCAL ROAD			Assistant Name		
Water Body Cl./Year				Assistant Class		
Navigabil. Cl./Year				Inspection Date	11-Dec-2011	
Legal Land Location	NW SEC 9 TWP 24 RGE 6 W5M			Data Entry By	Erin Roberts	
Longitude, Latitude	-114:47:14, 51:02:01			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	4.3 / 0 deg.			Dept. Reviewer Name	Tim Davies	
AADT/Year				Dept. Review Date	06-Feb-2012	
Road Classification				Follow-Up By		
Detour Length (km)	999					
Allowable Load (t):	Single		Semi		Train	
Design Loading:						----> On Critical Spans ---->Critical Member
						----> Primary Span

Posting Information						
Required Load Posting (t)	Single		Semi		Truck Train	
Posted Loading (t)	Single		Semi		Truck Train	
Posted:	Lane	WB	At Junction (Y/N)	In Advance (Y/N)	At Bridge (Y/N)	
Posted:	Lane	EB	At Junction (Y/N)	In Advance (Y/N)	At Bridge (Y/N)	
Remarks	Not required.					

Hazard Marker At Bridge (Y/N)	Yes
Remarks	At N/B only- Broken at S/B
Other Sign Types	Road narrows, stop if on-coming traffic on bridge, one lane bridge.

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

Approach Road				
		Last	Now	Explanation of Condition
Horizontal Alignment			7	Located on Homestead Road approx 2.5km South of junction with Hwy 66.
Vertical Alignment			5	
Roadway Width (m)	7.000			Wrong lap at NW and SE. Broken post at SE and split post at NW. 56m at North approach. Not thriebeam.
Approach Bump			5	
Guardrail (Y/N)	Yes			
Guardrail			3	
Length (m)	46.000			
Current Standard (Y/N)	No			
Termination Type	Turndown			
Drainage			7	
Approach Road General Rating			5	

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : WG, 1 Spans, Lengths(m): 18.28, 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			7	50x200 stripdeck
(Material Type : COPPER CHROMATE ARSENATE TREATED TIMBER)				
(Thickness(mm) : 50)				
Deck Top			N	50x200 CCA subdeck.
Deck Rideability			7	
Deck Joints			X	
Temperature (deg. C)				
(Expansion Type :)				
(Fixed Type :)				
Gap Size (mm)	Gap Location			
Deck Drainage			7	
Drains Clogged (Y/N)	No			
Curbs/Median			X	Bridge rail acts as curbs
(Curb Type : Standard)				
Scaling (Percent Area)				
Bridge Rail			7	
(Type : STEEL BRIDGE TUBE)				
Bridge Rail Posts			7	
(Type : POST STEEL;POST STEEL)				
Bridge Rail/Posts Coating			5	
(Type : PAINT)				
Sidewalk			X	
Girder/Beam				
Cover Plate			X	Pre- fab oil field bridge.
Flange			7	
Web			7	
Stiffeners			7	
Splice			X	
Weld			7	
Diaphragms/Cross Frame			7	

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : WG, 1 Spans, Lengths(m): 18.28, A-Ident Number:)				
Paint Condition			5	Isolated scrapes.
(Colour Description :)				
(Colour Code :)				
Touchup Required (Y/N)	No			
Bearings			X	Girders bear directly on T.T. sills
Temperature (deg. C)				
(Expansion Type :)				
(Fixed Type :)				
Coating Adequate (Y/N)				
Functioning (Y/N)				
Deck Underside			7	
Stains (Percent Area)	0			
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating			7	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps			8	
(Type : TREATED TIMBER)				
Backwalls/Breastwalls			8	Galvanized metal binwall.
Wingwalls			X	
Piles			X	
Paint/Coating			8	Galvanized.
Abutment Stability			8	
Scour/Erosion			8	
Piers/Bents				
(Type :)				
Bearing Seats/Caps			X	
(Type :)				
(Total Number of Bearing Piles :)				
Pier Shaft/Piles			X	
Bracing/Struts/Sheathing			X	
Nose Plate			X	
Paint/Coating			X	
(Colour Description :)				
(Colour Code :)				
Pier Stability			X	
Scour			X	
Debris (Y/N)	No			
Substructure General Rating			8	

Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				Stream takes sharp bend South approaching bridge.
(D/S Direction : E)				
Alignment			4	
Bank Stability			7	
HWM (m below Top of Curb)				No visible HWM. In channel.
Drift (Y/N)	Yes			
Slope Protection			8	
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs			8	U/S guidebanks.
Adequacy of Opening			7	2-1200mm CSP overflow pipes 35m South.
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating			4	

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	2012	Replace 2 posts at approach rail.					
OTHER ACTION	2012	Replace 2 hazard markers.					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	/83.3	Sufficiency Rating (Last/Now) (%)	/52.5	Est. Repl. Yr	2060	Maint. Req. (Y/N)	Yes
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			Previous Assistant's Name				
Next Inspection Date	11-Mar-2015		Previous Inspection Date				
Inspection Cycle (Default) (months)	39						
Comment							