Bridge Culvert Form Type CUL1 Bridge Culvert Form Type CUL1 Bridge Culvert Form Type CUL1 Bridge Or Town Name NORDEGG Inspector Name Owen Salava Located Over JACKFISH CREEK, 6.165, WATERCRS-ST Inspector Class BR CLS A Located On 11:08 C1 9.240 Assistant Name Water Body CL/Year Assistant Class Navigabi, CL/Year Inspector Date O6-Feb-2012 Logitude, Latitude 115:333, 52:29:43 Data Entry By Marcia Chavez Longitude, Latitude 115:333, 52:29:43 Data Entry Date O6-Feb-2012 Contract Main. Area CMArea O6-Mar-2012 Contract Main. Area CMA18 Reviewer Name John O'Brien Contract Main. Area CMArea OB-O'D'B'ARE' Marea <								
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Others Problem (Y/N) No Remarks Approach Road / Embankment Last Now Explanation of Condition								
Remarks Approach Road / Embankment Last Now Explanation of Condition								
Approach Road / Embankment Last Now Explanation of Condition	Problem (Y/N) No							
Last Now Explanation of Condition								
On unbill grade to West	Passing lane starts at NW end of rail. On uphill grade to West.							
Roadway Width (m) 12.900								
Embankment 7 7 Sideelene (1)								
Sideslope (:1) 2.0								
(Height of Cover(m) : 6.5)								
Guardrail (Y/N) Yes								
Approach Road / Embankment General Rating 6 6								
Upstream End								
Culvert Component Last Now Explanation of Condition								
Direction S End Treatment (Concrete, Steel, STEEL Others, None)								
Headwall X X								
Collar X X								
Wingwalls X X								
(Shape :)								
Cutoff Wall X X								

Alberta Transportation

	Upstream End								
Culvert Component		Last	Now	Explanation of Condition					
Bevel End		7	7						
Heaving (mm)	0								
Invert Above/Below Stream Bed	BELOW								
Above/Below (mm)	200								
Scour Protection		6	N	Snow covered.					
(Type : NATURAL, RIP RAP)									
(Avg. Rock Size(mm) : 200)									
Scour/Erosion		6	N						
Beavers (Y/N)	No								
Upstream End General Rating		6 6		GR carried forward from 03May2010.					
		Brid	dae Cu	lvert Barrel					
Culvert Component		Last		Explanation of Condition					
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm	-	·					
Barrel Last Accessible Date	06-Feb-2012								
Special Features									
Special Feature		7	7	Elbow in culvert with small culvert leading into main culvert near					
(Type : BARREL ELBOW)				elbow.					
Special Feature									
(Туре :)									
Roof		7	7	Unable to measure due to ice.					
Measured Rise (mm)	1550								
Measured At Ring No.	5								
Sag (mm)	25								
Percent Sag	1								
Sidewall		7	7	North of elbow.					
Measured Span (mm)	1460								
Measured At Ring No.	5								
Deflection (mm)	31								
Percent Deflection	2								
Floor		7	N	(Minor abrasion. 03May2010).					
Bulge (mm)	0								
Measured At Ring No.									
Abrasion (Y/N)	Yes								
Circumferential Seams		7	7						
Separation (mm)	0								
Longitudinal Seams		7	7						
Total No. of Cracked Rings	0								
Total No. of Rings with Two Cracked Seams									
Min. Remaining Steel Between Cracks (mm)									
Proper Lap (Y/N)	No								
Longitudinal Stagger (Y/N)	No								
Coating		6	6	Superficial.					
Corrosion By Soil (Y/N)	No	-	J						
Corrosion By Water (Y/N)	Yes								
Camber POS/ZERO/NEG	ZERO								
	1								
Ponding (Y/N)	No								

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

	Bridge Culvert Barrel									
Culvert Component		Last		Explanation of Condition						
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN, Spa	n (mm): 1429	, Rise (mm): 1575, Type: SPE)						
Fish Passage Adequacy		5	5							
Baffle	Baffle		Х							
(Туре :)										
Waterway Adequacy			5							
Icing (Y/N)	No									
Silting (Y/N)	No									
Drift (Y/N)	No									
Barrel General Rating		7	7							
Downstream End										
Culvert Component		Last	Now	Explanation of Condition						
Direction		N								
End Treatment (Concrete, Steel, Others, None)	STEEL									
Headwall		X	X							
Collar	Collar		Х							
Wingwalls		х	Х							
(Shape :)	(Shape:)									
Cutoff Wall		X	X							
Bevel End		6	6							
Heaving (mm)	0									
Invert Above/Below Stream Bed	ABOVE									
Above/Below (mm)	Above/Below (mm) 100		-							
Scour Protection		5	N	Snow covered.						
(Type : RIP RAP)				-						
(Avg. Rock Size(mm) : 300)			1							
Scour/Erosion		5	N							
Beavers (Y/N)	No									
Downstream End General Ratin	ng	5	5	GR carried forward 03May2010.						
		S	Structu	re Usage						
		Last	Now	Explanation of Condition						
Channel (U/S and D/S)										
Alignment		7	7							
Bank Stability		7	7							
HWM (m below Top of Culvert)				HWM not visible.						
Drift (Y/N)	No									
Channel Bottom Degrading/Aggrading	DEGRADING									
Beavers (Y/N)	No									
(Fish Compensation Measure 1 :	NONE)									
(Fish Compensation Measure 2 : NONE)										
Channel General Rating		7	7							

Maintenance Recommendations											
Inspector Recommendations	Year Inspector Comments			Department Comments				Est. Cost	Cat #		
SHOTCRETE REPAIRS	ICRETE REPAIRS										
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
INSTALL CONCRETE/STEEL LINING											
INSTALL STRUTS											
INSTALL CONCRETE COLLAR/CUTOFF											
REPAIR SEAMS											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/Now) 77.4 (%)		77.8/77.8 Sufficiency Rating (Last/I (%)		Last/Now)	64.5/64.5	Est. Repl. Yr 2020		Maint. Reqd. (Y/N)		No	
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 Owen Salava P			Previous	evious Assistant's Name							
Next Inspection Date 06-Nov-2013			Previous	Previous Inspection Date 03-May-2010							
Inspection Cycle (Default) (months) 21											
Comment											