					Brida	o Culve	art Inspe	ction						
Bridge File Num	Number 02346 -1 Bridge Culvert				Bridg	e Cuive	Form Type		CUL1					
Year Built 1983			•				Lot No.	РО		2				
Bridge or Town Name LINDBER			RGH					r Name		Kris Bosters				
		CREEK, 6.9, WATERCRS-ST			· ·	Inspector Name Kris Bosters Inspector Class BR CLS A								
Located On 646:04 C1					Assistant Name			Brian Cote						
Water Body Cl./	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					Assistant Class								
Navigabil. Cl./Ye										10-Dec-2012				
Legal Land Loca		NW SEC	2 19 TWP 56 F	RGF 4 W4	-M		Inspection Date Data Entry By			Theresa Lacus	sta			
Longitude, Latitu							Data Entry Date			15-Jan-2013				
							Reviewer Name Eric Carcoux							
Contract Main. Area CMA08						Review Date			19-Dec-2012					
Clear Roadway/		9.6 / -25					Dept. Re	Dept. Reviewer Name Paul Catt						
AADT/Year		1,650 / 2					Dept. Review Date		18-Jan-2013					
Road Classificat	tion	RCU-209					Follow-Up By							
Detour Length (I		20	<u> </u>					1 onew op by						
Bridge Culvert														
Number of Culve			1											
Pipe #	Barrel	5	Span	Rise (or Dia.)		Туре	I	Length		Corr. Profile	Pl./Slab Thickness	Shape		
1	MAIN	2	2610	2877	877		(66.5		152X51	3.0	ELLIPSE		
Special Features	s													
Special Features	s Comi	ment												
								4)						
Litility Attachman	nto				Uti	lities (L	_ocated a	it)						
Utility Attachmer	T .	/ha.					Gas							
Telephone East r/w.							Municipa	ol.						
Power					Problem									
Others Remarks	_						FIODIEIII	I (I / IN)						
Remarks				Δr	nroac	ch Road	d / Embai	nkment						
							Explana		Condi	tion				
Horizontal Aligni	ment				6	6	1	Pipe located on a curve. N.P both directions.						
Vertical Alignment				7	7									
Roadway Width (m)		9.600	00											
Embankment					7	4	Erosion scars showing			through snow i	in NW guadran	t -nhotos		
Sideslope (:	·1)		3.0			'	Erosion scars showing through snow in NW quadrantphotos							
(Height of Cov		6.5)												
Guardrail (Y/N) No														
Approach Road / Embankment General Rating		ing	6	6										
						Upstre	am End							
Culvert Compo	nent				Last	Now	Explana	tion of	Condi	tion				
Direction			N		East									
End Treatment (Others, None)	(Concre	ete, Steel	, STEEL											
Headwall				Х	Х									
Collar			Х	Х										
Wingwalls			Х	Х										
(Shape:)														
Cutoff Wall				Х	Х									

			Hastn	om End					
Outro of Orange and				am End					
Culvert Component		Last	Now N	Explanation of Condition					
Bevel End	200	6	IN	Snow covered					
Heaving (mm)	200								
Invert Above/Below Stream Bed									
Above/Below (mm)	100								
Scour Protection		6	N						
(Type : NATURAL)									
(Avg. Rock Size(mm):)									
Scour/Erosion		6	N						
Beavers (Y/N)	Yes			5m u/s of inlet.					
Upstream End General Rating		6	6	Carried over					
		Bri	dge Cu	Ivert Barrel					
Culvert Component			Now						
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN,	Span (mm): 2610	, Rise (mm): 2877, Type: SP)					
Barrel Last Accessible Date	10-Dec-2012			Only u/s half accessible d/s half -half full of water.					
Special Features									
Special Feature									
(Type:)				1					
Special Feature									
(Type:)									
Roof		7	7	U/S half rating only. Remaining section looks good.					
Measured Rise (mm)	2811	- '	,	0/3 Hall Fathing Only. Itemaning Section looks good.					
Measured At Ring No.	8								
	66								
Sag (mm)	2								
Percent Sag	2	_	_						
Sidewall	I	7	7						
Measured Span (mm)	2690								
Measured At Ring No.	8								
Deflection (mm)	80								
Percent Deflection	3		_						
Floor		8	8						
Bulge (mm)	0								
Measured At Ring No.									
Abrasion (Y/N)	No								
Circumferential Seams		8	8						
Separation (mm)	0								
Longitudinal Seams		7	7						
Total No. of Cracked Rings	0			1					
Total No. of Rings with Two Cracked Seams									
Min. Remaining Steel Between Cracks (mm)									
Proper Lap (Y/N)	No								
Longitudinal Stagger (Y/N)	No								
		7	7						
Coating Corresion By Soil (Y/N)	No	1	/						
Corrosion By Soil (Y/N)									
Corrosion By Water (Y/N)	No								
Camber POS/ZERO/NEG	ZERO								
Ponding (Y/N)	Yes			D/S HALF ONLY					

		Bric		Ivert Barrel					
Culvert Component		Last		Explanation of Condition					
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN, Spa	n (mm): 2610	, Rise (mm): 2877, Type: SP)					
Fish Passage Adequacy		6	6						
Baffle		X	Х						
(Type:)									
Waterway Adequacy		7	7						
Icing (Y/N)	No								
Silting (Y/N)	No								
Drift (Y/N)	No								
Barrel General Rating		7	7						
		D	ownstr	ream End					
Culvert Component		Last	Now	Explanation of Condition					
Direction		S		West					
End Treatment (Concrete, Steel, Others, None) Headwall									
Headwall		Х	X						
Collar		X	X						
Wingwalls		Х	Х						
(Shape:)									
Cutoff Wall		Х	Х						
Bevel End		6	N	Snow covered					
Heaving (mm)	100								
Invert Above/Below Stream Bed	BELOW								
Above/Below (mm)	250								
Scour Protection		6	N	Snow covered					
(Type : RIP RAP)									
(Avg. Rock Size(mm) : 400)									
Scour/Erosion		6	N						
Beavers (Y/N)	No								
Downstream End General Ratin	ng	6	6	Carried over					
		s	tructu	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)				Not visible.					
Drift (Y/N)	Yes								
Channel Bottom Degrading/Aggrading									
Beavers (Y/N) Yes									
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating		7	7						

02346 -1 Bridge Culvert

		Maintenance Reco	ommendations					
Inspector Recommendations	Year	Inspector Comments	Department Comm	nents		Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS								
PLACE ADDITIONAL RIP RAP								
REMOVE DRIFT ACCUMULATION								
INSTALL CONCRETE/STEEL LINING	i							
INSTALL STRUTS								
INSTALL CONCRETE COLLAR/CUTO	OFF							
REPAIR SEAMS								
OTHER ACTION	2013	50m Class 1m ditch drain in NW.						
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
Structural Condition Rating (Last/N (%)	ow) 77.8/77	7.8 Sufficiency Rating (Last/No (%)	w) 72.4/72.3	Est. Repl. Yr	2033	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection			Department Comments					
Maintenance Reviewed By			Date		Es	stimated Tota	I 0	
Proposed Long-Term Strategy								
On 3-Year Program (Y/N)								
Proposed Action								
Previous Inspector's Name	Shane Hall	P	revious Assistant's Name					
Next Inspection Date	10-Mar-2016	P	revious Inspection Date	vious Inspection Date 07-Oct-2009				
Inspection Cycle (Default) (months)	39							
Comment								