					snuge	Jourve	in inspection				
Bridge File Nur	nber	85142 -	1 Bridge Culve	ert			Form Type		CULM		
Year Built		2007					Lot No.		4		
Bridge or Towr	Name						Inspector Nam	е	Eric Carcoux		
Located Over		WATER	COURSE, WA	TERCRS-N	NI II		Inspector Clas	5	BR CLS A		
Located On		16:14 R	1 21.451;16:14	4 L1 21.463			Assistant Name				
Water Body Cl.	./Year						Assistant Class				
Navigabil. Cl./Y	′ear						Inspection Date		10-Aug-2012		
Legal Land Loo	cation	NW SE	EC 10 TWP 53 RGE 27 W4M				Data Entry By		Theresa Lacusta		
Longitude, Lati	tude	-113:53	53:55, 53:34:12				Data Entry Date		19-Sep-2012		
Road Authority		Alberta	a Transportation (AIT)				Reviewer Name		Stew Hagan		
Contract Main.	Area	CMA11	11				Review Date		05-Sep-2012		
Clear Roadway	//Skew	24 /					Dept. Reviewe	r Name	Brent Herrick		
AADT/Year		33,060 /	′ 2011 (A)				Dept. Review I	Date	09-Oct-2012		
Road Classifica	ation	RAD-41	2.4-120				Follow-Up By				
Detour Length	(km)	1									
Bridge Culver	t Inform	ation									
Number of Cul	verts		6								
Pipe #	Barrel		Span	Rise (or D	ia.)	Туре	Length		Corr. Profile	PI./Slab Thickness	Shape
1	MAIN		-	1200		SSP	88.1				ROUND
2	MAIN		-	1200		SSP	78.1				ROUND
3	MAIN		-	1200		SSP	76.2				ROUND
4	MAIN		-	1200		MP	72		68X13	2.8	ROUND
5	MAIN		-	1200		MP	72		68X13	2.8	ROUND
6	MAIN		-	1000		SSP	72				ROUND
Special Feature	es										
Special Feature	es Comr	ment									
Litility Attachma	onto				Util	ities (L	ocated at)				
							Coo				
Power	0						Gas Municipal Source				
1 000001		s South	r/w				Municipal	Sowo	r lings Wast		
Others	3 wire	s South	r/w.				Municipal Problem (X/N)	Sewe	r lines West.		
Others Remarks	3 wire	s South	r/w.				Municipal Problem (Y/N)	Sewe No	r lines West.		
Others Remarks	3 WIFe	s South	r/w.	Apr	oroac	h Road	Municipal Problem (Y/N)	Sewei No	r lines West.		
Others Remarks	3 WIFe	s South	r/w.	App	oroac _ast	h Road	Municipal Problem (Y/N) / Embankmer Explanation o	Sewei No t f Condit	r lines West.		
Others Remarks Horizontal Alig	3 wire	s South	r/w.	App	oroac _ast 8	h Road Now	Municipal Problem (Y/N) / Embankmer Explanation o 4 lane, 2 @ 12	Sewer No t f Condit	r lines West.		
Others Remarks Horizontal Align	nment ent	s South	r/w.	App L	oroac _ast _8 _7	h Road Now 8 7	Municipal Problem (Y/N) / Embankmen Explanation o 4 lane, 2 @ 12	Sewer No t f Condit	r lines West.		
Others Remarks Horizontal Align Vertical Alignm	nment	s South	r/w.		oroac _ast _8 _7	h Road Now 8 7	Municipal Problem (Y/N) I / Embankmer Explanation o 4 lane, 2 @ 12	Sewel No t f Condit	tion		
Others Remarks Horizontal Align Vertical Alignm	nment	s South	r/w.	Ap; L	oroac _ast 8 7	h Road Now 8 7	Municipal Problem (Y/N) / Embankmer Explanation o 4 lane, 2 @ 12 3 West pipe, E	Sewell No t f Condit ast pipe	tion		
Others Remarks Horizontal Align Vertical Alignm Roadway Width	nment ent	s South	r/w. 24.000	App L	oroac _ast _8 _7	h Road Now 8 7	Municipal Problem (Y/N) I / Embankmer Explanation o 4 lane, 2 @ 12 3 West pipe, E	Sewel No t f Condit ast pipe	tion		
Others Remarks Horizontal Align Vertical Alignm Roadway Width	nment ent h (m)	s South	r/w.		oroac _ast 8 7	h Road Now 8 7	Municipal Problem (Y/N) / Embankmer Explanation o 4 lane, 2 @ 12 3 West pipe, E	Sewell No t f Condit ast pipe	tion		
Others Remarks Horizontal Align Vertical Align Roadway Width Embankment Sideslope (nment ent h (m)	s South	z4.000		oroac _ast 8 7	h Road Now 8 7	Municipal Problem (Y/N) I / Embankmer Explanation o 4 lane, 2 @ 12 3 West pipe, E	Sewel No f Condit ast pipe	tion		
Others Remarks Horizontal Align Vertical Alignm Roadway Widtl Embankment Sideslope (<u>a wire</u> nment ent h (m) _:1)	2.5)	r/w. 24.000 5.0		oroac _ast 8 7 8	h Road Now 8 7	Municipal Problem (Y/N) I / Embankmer Explanation o 4 lane, 2 @ 12 3 West pipe, E	Sewel No t f Condit ast pipe	tion		
Others Remarks Horizontal Align Vertical Alignm Roadway Width Embankment Sideslope (13 wire	s South 2.5)	r/w. 24.000 5.0 No		oroac _ast 8 7	h Road Now 8 7	Municipal Problem (Y/N) / Embankmer Explanation o 4 lane, 2 @ 12 3 West pipe, E	Sewell No f Condit ast pipe	tion		
Others Remarks Horizontal Align Vertical Align Roadway Width Embankment Sideslope (13 wire	2.5)	r/w. 24.000 5.0 No t General Ra	App L	Droac _ast 8 7 8 8	h Road Now 8 7 8 8	Municipal Problem (Y/N) / Embankmer Explanation o 4 Iane, 2 @ 12 3 West pipe, E	Sewell No f Condit ast pipe	tion		
Others Remarks Horizontal Align Vertical Alignm Roadway Width Embankment Sideslope (3 wire	2.5)	r/w. 24.000 5.0 No ht General Ra	App L	0roac _ast 8 7 8 8	h Road Now 8 7 8 8	Municipal Problem (Y/N) I / Embankmen Explanation o 4 lane, 2 @ 12 3 West pipe, E	Sewel No t f Condit ast pipe	tion		
Others Remarks Horizontal Alig Vertical Alignm Roadway Widt Embankment Sideslope (<u>ad / Emt</u>	2.5)	r/w. 24.000 5.0 No ht General Rat	App L	010210 _ast 8 7 7 8 8 8 8	h Road Now 8 7 8 8 8 Upstre	Municipal Problem (Y/N) I / Embankmer Explanation o 4 lane, 2 @ 12 3 West pipe, E 3 West pipe, E	f Condit	r lines West. tion cover 2.25m.		
Others Remarks Horizontal Alig Vertical Alignm Roadway Widt Embankment Sideslope (ad / Emt	2.5)	r/w. 24.000 5.0 No ht General Ra	App L	ast 8 7 8 8 8 8	h Road Now 8 7 8 8 Upstre Now	Municipal Problem (Y/N) I / Embankmer Explanation o 4 lane, 2 @ 12 3 West pipe, E 3 West pipe, E Explanation o	f Condit	tion		
Others Remarks Horizontal Align Vertical Alignm Roadway Widtl Embankment Sideslope (ad / Emt	2.5) cankmer	r/w. 24.000 5.0 No nt General Rat	App L	0roac _ast 8 7 8 8 8 8 8	h Road Now 8 7 8 8 Upstre Now	Municipal Problem (Y/N) 1 / Embankmen Explanation o 4 Iane, 2 @ 12 3 West pipe, E 3 West pipe, C Explanation o West pipe	f Condit	tion		

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Span Type: Primary	/ Span)			
Headwall		Х	X	
Collar		х	Х	
Wingwalls		х	Х	
(Shape :)		1		
Cutoff Wall		X	X	
Bevel End		8	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	1500			
Scour Protection		7	7	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Upstream End General Rating	1	7	7	
		Brid		vort Barrol
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN, Spa	n (mm):	Rise (mm): 1200, Type: SSP)
Barrel Last Accessible Date	13-Mar-2008		<u></u>	Viewerd from ends, shape looks good.
Special Features		<u> </u>		
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		N	N	
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)	0			
Percent Sag	0			
Sidewall		N	N	
Measured Span (mm)				
Measured At Ring No.				
Deflection (mm)	0			
Percent Deflection	0			
Floor		N	N	
Bulge (mm)	0			
Measured At Ring No				
Abrasion (Y/N)	No			
Circumferential Seams		N	N	
	0			

	1	Brid	lge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	an (mm)):	, Rise (mm): 1200, Type: SSP)
Longitudinal Seams		Х	X	
Total No. of Cracked Rings				
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)				_
Longitudinal Stagger (Y/N)				
Coating		Ν	N	Uncoated steel pipe. Superficial rust.
Corrosion By Soil (Y/N)	Yes			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	Yes			
Fish Passage Adequacy		N	4	Rock dam d/s.
Baffle		Х	Х	
(lype:)				
Waterway Adequacy		7	7	
Icing (Y/N)	No			
Silting (Y/N)	No			-
Drift (Y/N)	No		1	
Barrel General Rating		N	N	GR 9-13-Mar-2008
		D	ownstr	ream End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Span Type: Primary	(Span)			
Direction		N		
Direction End Treatment (Concrete, Steel, Others, None)	STEEL	N		
Direction End Treatment (Concrete, Steel, Others, None) Headwall	STEEL	N X	X	
Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar	STEEL	N X X	X X	
Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls	STEEL	N X X X	X X X	
Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :)	STEEL	N X X X X	X X X	
Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall	STEEL	N X X X X	X X X X	
Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End	STEEL	N X X X X 9	X X X X X 8	
Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm)	STEEL	N X X X X 9	X X X X 8	
Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed	STEEL 0	N X X X Y 9	X X X X 8	
Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm)	OF CONTRACT ON CONTRACTO ON CONTRACT ON CONTRACTO ON CONTRACT ON CONTRACTO ON CONTRACTO ON CONTRACTO ON CONTRACT ON CONTRACTO ON CONTRACT ON CONTRACTO ON CONTRACT ON CONTRACTO ON	N X X X 9	X X X X 8	
Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection	STEEL 0 0	N X X X 9 9	X X X X 8 7	
Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP)	STEEL 0 0	N X X X 9 	X X X X 8 7	
Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP) (Avg. Rock Size(mm) : 300)	0 0	N X X X 9 9	X X X X 8	
Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP) (Avg. Rock Size(mm) : 300) Scour/Erosion	0 0 0	N X X X 9 9 	X X X X 8 7 7	
Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP) (Avg. Rock Size(mm) : 300) Scour/Erosion Beavers (Y/N)	0 0 0 0 No	N X X X 9 9 	X X X X 8 7 7 7	

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Span Type: Second	ary Span)			
Direction		s		
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	X	
Collar		Х	Х	
Wingwalls		Х	Х	
(Shape :)				
Cutoff Wall		Х	Х	
Bevel End		8	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	1500			
Scour Protection		7	7	
(Type : RIP RAP)	I			
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Upstream End General Rating		7	7	
		-		
		Brid	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, Sp	Last oan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date	cation Code: MAIN, Sp 13-Mar-2008	Last pan (n	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features	cation Code: MAIN, Sp 13-Mar-2008	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature	I pcation Code: MAIN, Sp 13-Mar-2008	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :)	I Decation Code: MAIN, Sp 13-Mar-2008	Last pan (n	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature	In the second se	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :)	I Decation Code: MAIN, Sp 13-Mar-2008	Last pan (n	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof	I arr-2008	Last pan (n	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features (Type :) Special Feature (Type :) Roof Measured Rise (mm)	I Decation Code: MAIN, Sp 13-Mar-2008	Last pan (n	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No.	I3-Mar-2008	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm)	13-Mar-2008	Last pan (n	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag	Image: scale of the state of the s	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall	Image: contrast of the second state	N	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm)	cation Code: MAIN, Sp 13-Mar-2008 0	N	Now nm): 	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No.	cation Code: MAIN, Sp 13-Mar-2008 0 0 0 0 0 0 0	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm)	cation Code: MAIN, Sp 13-Mar-2008 0	N	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection	Image: control code: MAIN, Sp 13-Mar-2008 13-Mar-2008 0	N	Now nm): 	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor	cation Code: MAIN, Sp 13-Mar-2008 0	N	Now nm): N	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm)	cation Code: MAIN, Sp 13-Mar-2008 0	N N	Now nm): 	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No.	cation Code: MAIN, Sp 13-Mar-2008 0 <td>N</td> <td>Now nm): N N</td> <td>Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good. </td>	N	Now nm): N N	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N)	cation Code: MAIN, Sp 13-Mar-2008 13-Mar-2008 0	N N N	Now nm): 	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumforential Space	cation Code: MAIN, Sp 13-Mar-2008 13-Mar-2008 0	N N N	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, shape looks good.

			ige Cu	
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, S	Span (r	nm):	, Rise (mm): 1200, Type: SSP)
Longitudinal Seams		Х	X	
Total No. of Cracked Rings				
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)				
Longitudinal Stagger (Y/N)				
Coating		5	N	Uncoated steel. Superficial rust.
Corrosion By Soil (Y/N)	Yes			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		Х	4	Rock dam d/s.
Baffle		Х	Х	
(Type :)				
Waterway Adequacy		7	7	
lcing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No		_	
Barrel General Rating		N	N	GR 9 -13-Mar-2009
		D	ownstr	eam End
Culvert Component		Last	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Span Type: Second	ary Span)	Last	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Span Type: Second Direction	ary Span)	Last N	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None)	ary Span) STEEL	Last N	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall	ary Span) STEEL	Last N X	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar	ary Span) STEEL	Last N X X	Now X X X	Explanation of Condition
Culvert Component (Pipe # : 2, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls	ary Span) STEEL	Last N X X X X	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :)	ary Span) STEEL	Last N X X X	Now X X X X	Explanation of Condition
Culvert Component (Pipe # : 2, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall	ary Span) STEEL	Last N X X X X X	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End	ary Span) STEEL	Last N X X X X Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm)	ary Span) STEEL	Last N X X X Y 9	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed	ary Span) STEEL	Last N X X X X 4 4 4 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm)	ary Span) STEEL 0 0	Last N X X X X 4 4 4 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection	ary Span) STEEL 0 0	Last N X X X X Y Y Y Y X Y Y Y X X Y Y Y X	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP)	ary Span) STEEL 0	Last N X X X X Y A A A A A A A A A A A A A A A	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP) (Avg. Rock Size(mm) : 300)	ary Span) STEEL 0	Last N X X X X X	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP) (Avg. Rock Size(mm) : 300) Scour/Erosion	ary Span) STEEL	Last N X X X X X X 4 4 4 4 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP) (Avg. Rock Size(mm) : 300) Scour/Erosion Beavers (Y/N)	ary Span) STEEL 0 0 0 No	Last N X X X X 4 4 4 4 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Now	Explanation of Condition

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 3, Span Type: Second	lary Span)			
Direction		S		
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	X	
Collar		Х	Х	
Wingwalls		Х	Х	-
(Shape :)			-	
Cutoff Wall		X	X	
Bevel End		8	7	-
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			-
Above/Below (mm)	1500			
Scour Protection		7	7	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Upstream End General Rating		7	7	
		Dri		luart Parral
			uge ou	
Culvert Component		Last	Now	Explanation of Condition
Culvert Component (Pipe # : 3. Secondary Span. Lo	ocation Code: MAIN. S	Last pan (r	Now mm):	Explanation of Condition , Rise (mm): 1200, Type: SSP)
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date	ocation Code: MAIN, S 13-Mar-2008	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features	ocation Code: MAIN, S 13-Mar-2008	Last ipan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature	ocation Code: MAIN, S 13-Mar-2008	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :)	ocation Code: MAIN, S 13-Mar-2008	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature	ocation Code: MAIN, S 13-Mar-2008	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :)	ocation Code: MAIN, S 13-Mar-2008	Last pan (r	Now mm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof	ocation Code: MAIN, S 13-Mar-2008	Last span (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Pise (mm)	pcation Code: MAIN, S 13-Mar-2008	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No	Deation Code: MAIN, S 13-Mar-2008	Last span (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sog (mm)	Decation Code: MAIN, S 13-Mar-2008	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sec	Discretion Code: MAIN, S 13-Mar-2008	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag	Distribution Code: MAIN, S 13-Mar-2008	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall	Decation Code: MAIN, S 13-Mar-2008	Last pan (r	Now nm): N N	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm)	Decation Code: MAIN, S 13-Mar-2008	Last pan (r N N	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No.	Decation Code: MAIN, S 13-Mar-2008	Last pan (r N	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm)	Decation Code: MAIN, S 13-Mar-2008	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection	Decation Code: MAIN, S 13-Mar-2008	Last pan (r N N	Now mm): N N	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor	Decation Code: MAIN, S 13-Mar-2008	Last pan (r N N N	Now mm): N N	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component (Pipe # : 3, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm)	Decation Code: MAIN, S 13-Mar-2008 13-Mar-2008 0	Last pan (r N N N	Now mm):	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component(Pipe # : 3, Secondary Span, LoBarrel Last Accessible DateSpecial FeaturesSpecial Feature(Type :)Special Feature(Type :)RoofMeasured Rise (mm)Measured At Ring No.Sag (mm)Percent SagSidewallMeasured At Ring No.Deflection (mm)Percent DeflectionFloorBulge (mm)Measured At Ring No.	Decation Code: MAIN, S 13-Mar-2008 13-Mar-2008 0	Last pan (r N N N	Now mm): N N	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component(Pipe # : 3, Secondary Span, LoBarrel Last Accessible DateSpecial FeaturesSpecial Feature(Type :)Special Feature(Type :)RoofMeasured Rise (mm)Measured At Ring No.Sag (mm)Percent SagSidewallMeasured At Ring No.Deflection (mm)Percent DeflectionFloorBulge (mm)Measured At Ring No.Abrasion (Y/N)	Decation Code: MAIN, S 13-Mar-2008 13-Mar-2008 0	Last pan (r N N N	Now mm): N N N	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.
Culvert Component(Pipe # : 3, Secondary Span, LoBarrel Last Accessible DateSpecial FeaturesSpecial Feature(Type :)Special Feature(Type :)RoofMeasured Rise (mm)Measured At Ring No.Sag (mm)Percent SagSidewallMeasured At Ring No.Deflection (mm)Percent DeflectionFloorBulge (mm)Measured At Ring No.Circumferential Seams	Decation Code: MAIN, S 13-Mar-2008 13-Mar-2008 0	Last pan (r N N N	Now mm): N N N	Explanation of Condition , Rise (mm): 1200, Type: SSP) Viewed from ends, looks good.

		Brio	dge Cu	
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 3, Secondary Span, Lo	cation Code: MAIN, S	span (r	nm):	, Rise (mm): 1200, Type: SSP)
Longitudinal Seams		X	X	
Total No. of Cracked Rings				-
Total No. of Rings with Two Cracked Seams				-
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)				
Longitudinal Stagger (Y/N)				
Coating		5	Ν	Uncoated steel. Superficial rust.
Corrosion By Soil (Y/N)	Yes			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		Х	4	Rock dam d/s.
Baffle		Х	Х	
(Type:)			_	
Waterway Adequacy		7	7	
Icing (Y/N)	No			-
Silting (Y/N)	No			-
Drift (Y/N)	No			
Barrel General Rating		N	N	GR 9 -13-Mar-2008
		D	ownstr	ream End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 3, Span Type: Second	ary Span)			
(Pipe # : 3, Span Type: Second Direction	ary Span)	N		
(Pipe # : 3, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None)	ary Span) STEEL	N		
(Pipe # : 3 , Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall	ary Span) STEEL	N X	X	
(Pipe # : 3 , Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar	STEEL	N X X	X X	
(Pipe # : 3 , Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls	ary Span) STEEL	N X X X	X X X X	
(Pipe # : 3 , Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :)	ary Span) STEEL	N X X X	X X X	
(Pipe # : 3 , Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall	STEEL	N X X X X	X X X X	
(Pipe # : 3 , Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End	ary Span) STEEL	N X X X X 9	X X X X X X 8	
(Pipe # : 3 , Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm)	ary Span) STEEL	N X X X X 9	X X X X X 8	
(Pipe # : 3, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed	ary Span) STEEL	N X X X X 9 9	X X X X 8	
(Pipe # : 3, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm)	ary Span) STEEL 0 0	N X X X X 9	X X X X 8	
(Pipe # : 3 , Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection	ary Span) STEEL 0 0	N X X X 9 9 	X X X X 8 7	
(Pipe # : 3 , Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP)	ary Span) STEEL 0 0	N X X X 9 9 	X X X X 8 7	
(Pipe # : 3 , Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP) (Avg. Rock Size(mm) : 300)	ary Span) STEEL 0 0	N X X X 9 9	X X X X 8 7	
(Pipe # : 3 , Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP) (Avg. Rock Size(mm) : 300) Scour/Erosion	ary Span) STEEL	N X X X 9 9 	X X X X 8 8	
(Pipe # : 3 , Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP) (Avg. Rock Size(mm) : 300) Scour/Erosion Beavers (Y/N)	ary Span) STEEL 0 0 0	N X X X 9 9 	X X X X 8 8 7 7 7	

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 4, Span Type: Second	lary Span)			
Direction		S		
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	X	
Collar		Х	Х	
Wingwalls		Х	Х	
(Shape :)				
Cutoff Wall		Х	Х	
Bevel End		8	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	300			
Scour Protection		6	6	No rock up slope along sides of bevel
(Type · RIP RAP)		•	5	
$(Avg Rock Size(mm) \cdot 300)$				
Scour/Frosion		7	7	
			<u> </u>	
Beavers (Y/N)	No			
Upstream End General Rating		6	6	
		Brid	age Cu	ivert Barrei
Culvert Component		Lact	Now	Explanation of Condition
Culvert Component	cation Code: MAIN S	Last	Now nm)·	Explanation of Condition Rise (mm): 1200 Type: MP)
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date	ocation Code: MAIN, S 13-Mar-2008	Last Span (n	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date	ocation Code: MAIN, S 13-Mar-2008	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature	ocation Code: MAIN, S 13-Mar-2008	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :)	ocation Code: MAIN, S 13-Mar-2008	Last ipan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature	ocation Code: MAIN, S 13-Mar-2008	Last Span (n	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :)	ocation Code: MAIN, S 13-Mar-2008	Last span (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Boof	ocation Code: MAIN, S	Last span (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm)	13-Mar-2008	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No	13-Mar-2008	Last pan (n	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm)	2 2 2 2 2 2 2 2	Last Span (n	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag	2 2 2 2 2 2 70 6	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag	2 113-Mar-2008 1130 2 70 6	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Constantion	2 113-Mar-2008 1130 2 70 6	Last pan (n N N	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm)	2 12-Mar-2008 113-Mar-2008 1130 2 70 6 1270	Last pan (r N N	Now nm): N	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Difference (mean)	2 113-Mar-2008 113-Mar-2008 1130 2 70 6 1270 2 2	Last Span (r	Now nm): N N	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm)	2 13-Mar-2008 13-Mar-2008 1130 2 70 6 1270 2 70 2 70 2	Last pan (n N N	Now nm): N	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection	2 113-Mar-2008 113-Mar-2008 1130 2 70 6 1270 2 70 6	Last pan (r	Now nm): N N	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor	2 13-Mar-2008 13-Mar-2008 1130 2 70 6 1270 2 70 6	Last pan (r N N N	Now nm): N N	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm)	Decation Code: MAIN, S 13-Mar-2008 1130 2 70 6 1270 2 70 6 0	Last pan (n N N N	Now nm): 	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No.	Decation Code: MAIN, S 13-Mar-2008 1130 2 70 6 1270 2 70 6 0 0	Last pan (n N N N	Now nm): N N	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N)	Decation Code: MAIN, S 13-Mar-2008 1130 2 70 6 1270 2 70 6 0 No	Last pan (r N N N N	Now nm): N N	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.
Culvert Component (Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams	Procession Code: MAIN, S 13-Mar-2008 13-Mar-2008 1130 2 70 6 1270 2 70 6 0 0 No 0	Last pan (r N N N N N	Now nm): N N	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends, shape looks good.

		Brio	dge Cul	vert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 4, Secondary Span, Lo	cation Code: MAIN, S	Span (r	nm):	, Rise (mm): 1200, Type: MP)
Longitudinal Seams	1	Х	X	
Total No. of Cracked Rings				
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)				
Longitudinal Stagger (Y/N)				
Coating		6	N	
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		X	4	Rock dam d/s.
Baffle		Х	Х	
(Туре :)				
Waterway Adequacy		7	7	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		N	N	GR 5 -13-Mar-2008
		D	ownstr	eam End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 4, Span Type: Second	ary Span)			
Direction		N		
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	X	
Collar		Х	X	
Wingwalls		Х	X	
(Shape :)				
Cutoff Wall		Х	X	
Bevel End		4	4	Bevel seams separated.
Heaving (mm)	0			
Invert Above/Below Stream Bed	ABOVE			
Above/Below (mm)	100			
Scour Protection		8	7	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		8	7	
		0	'	
Beavers (Y/N)	No	0	,	

			Upstre	
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 5, Span Type: Second	lary Span)			
Direction		S		
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	Х	
Collar		Х	Х	
Wingwalls		Х	Х	
(Shape :)			-	
Cutoff Wall		X	X	
Bevel End	1	4	4	Separation of seam on East side, 150mm bent.
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			-
Above/Below (mm)	100			
Scour Protection		5	5	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Upstream End General Rating		4	4	
		Brid	dae Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
Culvert Component (Pipe # : 5, Secondary Span, Lo	ocation Code: MAIN, S	Last Span (r	∣Now nm):	, Rise (mm): 1200, Type: MP)
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date	ocation Code: MAIN, S	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features	ocation Code: MAIN, S	Last Span (r	<u>Now</u> nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature	ocation Code: MAIN, S	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :)	ocation Code: MAIN, S	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature	ocation Code: MAIN, S	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :)	ocation Code: MAIN, S	Last Span (r	Now mm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof	ocation Code: MAIN, S	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm)	ocation Code: MAIN, S	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No.	ocation Code: MAIN, S	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm)	ocation Code: MAIN, S	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag	Decation Code: MAIN, S	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall	ocation Code: MAIN, S	N	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm)	Docation Code: MAIN, S	N	Now nm): N	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No.	Decation Code: MAIN, S	N	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm)	Decation Code: MAIN, S	N	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection	Deation Code: MAIN, S	N	Now nm): N	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Eloor	Decation Code: MAIN, S	N	Now nm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm)	Decation Code: MAIN, S	N N	Now mm):	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No.	Deation Code: MAIN, S	N N	Now nm): Now N	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abraeion (V(h))	Deation Code: MAIN, S	N N N	Now nm): N N	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N)	Decation Code: MAIN, S	N N	Now nm): N N N N	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate. -
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams	Deation Code: MAIN, S	Last Span (r N N N N	Now mm): N N N	Explanation of Condition , Rise (mm): 1200, Type: MP) Viewed from ends -shape looks adequate.

		Brid	age Cu	Vert Darren
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 5, Secondary Span, Lo	cation Code: MAIN, S	Span (r	nm):	, Rise (mm): 1200, Type: MP)
Longitudinal Seams		Х	X	
Total No. of Cracked Rings				
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)				
Longitudinal Stagger (Y/N)				
Coating		5	N	Superficial rust on floor07-Oct-2010
Corrosion By Soil (Y/N)				
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		Х	4	Rock dam d/s.
Baffle		X	X	
(Туре :)				
Waterway Adequacy		7	7	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		N	N	GR 5 - 13-Mar-2008
		D	ownstr	eam End
Culvert Component		D Last	ownstr Now	eam End Explanation of Condition
Culvert Component (Pipe # : 5, Span Type: Second	ary Span)	D Last	ownstr Now	eam End Explanation of Condition
Culvert Component (Pipe # : 5, Span Type: Second Direction	ary Span)	D Last	ownstr Now	eam End Explanation of Condition
Culvert Component (Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None)	ary Span) STEEL	Last	ownstr Now	eam End Explanation of Condition
Culvert Component (Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall	ary Span) STEEL	Last N X	Now	eam End Explanation of Condition
Culvert Component (Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar	ary Span) STEEL	Last N X X	ownstr Now	eam End Explanation of Condition
Culvert Component (Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls	ary Span) STEEL	D Last N X X X	ownstr Now	eam End Explanation of Condition
Culvert Component (Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :)	ary Span) STEEL	Last N X X X X	ownstr Now	eam End Explanation of Condition
Culvert Component (Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall	ary Span) STEEL	D Last X X X X	ownstr Now	eam End Explanation of Condition
Culvert Component (Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End	ary Span) STEEL	D Last N X X X X	ownstr Now X X X X S G	eam End Explanation of Condition
Culvert Component (Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm)	ary Span) STEEL	D Last N X X X X X	ownstr Now X X X X X 6	eam End Explanation of Condition
Culvert Component (Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed	ary Span) STEEL	D Last X X X X X	ownstr Now X X X X 6	eam End Explanation of Condition
Culvert Component (Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm)	ary Span) STEEL 0 0	D Last X X X X X	ownstr Now	eam End Explanation of Condition
Culvert Component (Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection	ary Span) STEEL 0 0	D Last N X X X X X 6 6	ownstr Now X X X X A C C C C C C C C C C C C C C C	eam End Explanation of Condition
Culvert Component (Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP)	ary Span) STEEL	D Last N X X X X A 6 6 8	ownstr Now X X X X 6 7	eam End Explanation of Condition
Culvert Component (Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP) (Avg. Rock Size(mm) : 300)	ary Span) STEEL 0	D Last N X X X X C A 8	ownstr Now X X X X C C C C C C C C C C C C C C C	eam End Explanation of Condition
Culvert Component (Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP) (Avg. Rock Size(mm) : 300) Scour/Erosion	ary Span) STEEL 0	D Last N X X X X X 6 6 9 8 8	ownstr Now X X X X C C C C C C C C C C C C C C C	eam End Explanation of Condition
Culvert Component (Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP) (Avg. Rock Size(mm) : 300) Scour/Erosion Beavers (Y/N)	ary Span) STEEL	D Last N X X X X X 6 6 9 8 8	ownstr Now X X X X C C C C C C C C C C C C C C C	eam End Explanation of Condition

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 6, Span Type: Second	lary Span)			
Direction		S		
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	Х	
Collar		Х	Х	
Wingwalls		Х	Х	
(Shape :)				
Cutoff Wall		Х	Х	
Bevel End		8	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	100			
Scour Protection		5	5	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		5	5	
Beavers (Y/N)	No			
Upstream End General Rating	<u> </u>	5	5	
		Brid	dae Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
Culvert Component (Pipe # : 6, Secondary Span, Lo	ocation Code: MAIN, S	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP)
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date	ocation Code: MAIN, S	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features	ocation Code: MAIN, S	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature	ocation Code: MAIN, S	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :)	ocation Code: MAIN, S	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature	ocation Code: MAIN, S	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :)	ocation Code: MAIN, S	Last span (r	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof	ocation Code: MAIN, S	Last span (r	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm)	ocation Code: MAIN, S	Last span (r	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No.	ocation Code: MAIN, S	Last span (r	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm)	ocation Code: MAIN, S	Last span (r	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag	ocation Code: MAIN, S	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall	ocation Code: MAIN, S	Last pan (r N	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm)	Decation Code: MAIN, S	Last span (r	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No.	ocation Code: MAIN, S	Last pan (r N	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm)	ocation Code: MAIN, S	Last pan (r N	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection	Decation Code: MAIN, S	Last span (r N	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor	Decation Code: MAIN, S	Last span (r N N	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm)	Decation Code: MAIN, S	Last pan (r N N	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No.	Decation Code: MAIN, S	Last pan (r N N	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N)	Decation Code: MAIN, S	Last span (r N N N	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.
Culvert Component (Pipe # : 6, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams	Decation Code: MAIN, S	Last pan (r N N N	Now nm):	Explanation of Condition , Rise (mm): 1000, Type: SSP) Viewed from ends, too small to access.

			ige Cu					
Culvert Component		Last	Now	Explanation of Condition				
(Pipe # : 6, Secondary Span, Location Code: MAIN, Span (mm): , Rise (mm): 1000, Type: SSP)								
Longitudinal Seams		Х	X					
Total No. of Cracked Rings								
Total No. of Rings with Two Cracked Seams								
Min. Remaining Steel Between Cracks (mm)								
Proper Lap (Y/N)								
Longitudinal Stagger (Y/N)								
Coating		5	N	Uncoated steel. Superficial rust.				
Corrosion By Soil (Y/N)								
Corrosion By Water (Y/N)								
Camber POS/ZERO/NEG	ZERO							
Ponding (Y/N)	No							
Fish Passage Adequacy		X	4	Rock dam d/s.				
Baffle		X	X					
(Туре :)								
Waterway Adequacy		7	7					
Icing (Y/N)	No							
Silting (Y/N)	No							
Drift (Y/N)	No							
Barrel General Rating		N	N	GR 8 - 13-Mar-2008				
		D	ownstr	eam End				
Culvert Component		Last	Now	Explanation of Condition				
			-					
(Pipe # : 6, Span Type: Second	ary Span)							
(Pipe # : 6, Span Type: Second Direction	ary Span)	N						
(Pipe # : 6, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None)	ary Span) STEEL	N						
(Pipe # : 6, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall	ary Span) STEEL	N X	X					
(Pipe # : 6, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar	ary Span) STEEL	N X X	X X					
(Pipe # : 6, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls	ary Span) STEEL	N X X X	X X X X					
(Pipe # : 6, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :)	ary Span) STEEL	N X X X	X X X					
(Pipe # : 6, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall	ary Span) STEEL	N X X X X	X X X X					
(Pipe # : 6, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End	ary Span) STEEL	N X X X X 8	X X X X X 7					
(Pipe # : 6, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm)	ary Span) STEEL	N X X X X 8	X X X X X 7					
(Pipe # : 6, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed	ary Span) STEEL	N X X X X 8	X X X X 7					
(Pipe # : 6, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm)	ary Span) STEEL 0 0	N X X X X 8	X X X X 7					
(Pipe # : 6, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection	ary Span) STEEL 0 0	N X X X X 8 8 	X X X X 7 7					
(Pipe # : 6, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP)	ary Span) STEEL 0 0	N X X X X 8 8 8 8	X X X X 7 7 7					
(Pipe # : 6, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP) (Avg. Rock Size(mm) : 300)	ary Span) STEEL 0 0	N X X X X 8 8 8	X X X X 7 7					
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Structure 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							
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											
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
INSTALL CONCRETE/STEEL LINING											
INSTALL STRUTS											
INSTALL CONCRETE COLLAR/CUTO	FF										
REPAIR SEAMS											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/No (%)	al Condition Rating (Last/Now) 55.6/55.6		Sufficiency Rating (Last/Now) (%)		57.6/51.4	Est. Repl. Yr	st. Repl. Yr 2035		qd. (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 Kris Bosters Prev		Previous	ious Assistant's Name								
Next Inspection Date 10-May-2014 Pre		Previous	vious Inspection Date 07-Oct-2010								
Inspection Cycle (Default) (months)	21										
Comment											