Bridge   From Type   PCS	Bridge Inspection															
Supert	Bridge File Number 80905 -1 Bridge						Form Type			PCS						
Bridge or Town Name   Located Over			1985/1	985				H								
Located Over   MAFDOW CREEK, 8.11.39, 4.1.1.1,   MAFDOW CREEK, 8.11.39, 4.1.1,   MAF	Bridge or Town Name ANZAC															
Located On	Located Over MEADOW CREEK, 8.11.39.4.1.1					9.4.1.1.1,		- 1				BR CLS B				
Mater Body CI/Year   Navigabil CI/Year   Navigabil CI/Year   Data Entry By   Data Entry By   Theresa Lacustia	Located On				<u> </u>											
Marayaghil   Circle   State   State		Voor	001.24	01 11.733	<u>'</u>				Inspection Date			08-Sep-2010	)			
Legal Land Location									·			· ·				
Conjude   Latitude			SW SE	C 33 TWP	83 RGF	6 W4M										
Road Authority			-			<u> </u>			Reviewer Na	ame		Arnold Asse	Arnold Assenheimer			
Dept. Reviewe Name   Review Date   Clear Roadway/Skew   8.8 / ADT/Year   870 / 2009 (A)   Service   Service   Cost   Co						Γ)			Review Date	Э		15-Sep-2010	)			
Required Load (I)   Single   Semi		Area		•		- /			Dept. Revie	wer Na	ame	Brent Herric	k			
AADT/Year   Road Classification   RCU-209-110   RCU-209-	Clear Roadway/	Skew	8.8 /						Dept. Revie	w Date	)	05-Oct-2010	)			
Road Classification				009 (A)					Follow-Up B	By						
Detour Length (km)   250	Road Classificat	tion		` '												
Allowable Load (1)   Single   CS1 28	Detour Length (	km)														
Posting Information   Single   Semi   Truck Train   Posted Loading (t)   Single   Semi   Truck Train   Posted Loading (t)   Single   Semi   Truck Train   Posted: Lane   NB   At Junction (Y/N)   No   In Advance (Y/N)   No   At Bridge (Y/N)   No   Posted: Lane   SB   At Junction (Y/N)   No   In Advance (Y/N)   No   At Bridge (Y/N)   No   Remarks   Not required.   Hazard Marker At Bridge (Y/N)   No   Remarks   Required.   Other Sign Types   "Meadow Creek"   While Sign Types   "Meadow Creek"   White Sign Types   Tuned Down   Problem (Y/N)   No   Problem (Y/N)		ĺ	igle C	S1 28		Semi C	S2 49		Train CS			3 62> On Critical Span			cal Spans Member	
Required Loading (t)	Design Loading:		M	S23										> Primary	Span	
Posted Loading (t)							osting	j Inf	formation							
Posted:   Lane   NB	Required Load F	Posting	(t)		Single				Semi				Truc	k Train		
Posted:   Lane   SB	Posted Loading	(t)			Single				Semi				Truc	k Train		
Remarks   Not required.   Hazard Marker At Bridge (Y/N)   No   Remarks   Required.	Posted:	Lane	NB		At Junc	tion (Y/N)	No		In Adva	nce (Y	/N)	No	At Br	ridge (Y/N)	No	
Hazard Marker At Bridge (Y/N)         No           Required.           Other Sign Types         "Meadow Creek"           Utilities (Located at)           Municipal           Municipal           Approach Road           Explanation of Condition           In bottom of long sag curve.           Grade South of bridge.           Grade South of bridge.           Road Way Width (m)         9.400	Posted:	Lane	SB		At Junc	tion (Y/N)	No		In Adva	nce (Y	/N)	No	At Bridge (Y/N) No		No	
Remarks	Remarks	Not re	equired.													
Meadow Creek*   Meadow Creek*   Willites (Located at)	Hazard Marker	At Brid	ge (Y/N)	No												
Utility Attachments   Standard (Y/N)   No   Standard (Y/N)   No	Remarks			Require	ed.											
Utility Attachments	Other Sign Type	es		"Meado	w Creek											
Telephone						U	tilities	(L	ocated at)							
Power         Municipal           Others         Bell fibre optics West r/w.         Problem (Y/N) No           Remarks           Approach Road           Last Now Explanation of Condition           Horizontal Alignment         9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		nts														
Others         Bell fibre optics West r/w.         Problem (Y/N)         No           Remarks           Approach Road           Last Now Explanation of Condition           Horizontal Alignment         9 9 9 In bottom of long sag curve. Grade South of bridge.           Vertical Alignment         7 7         7           Roadway Width (m)         9.400																
Remarks   Approach Road   Last   Now   Explanation of Condition		D = II 4:1		\\\+/-				_								
Roadway Width (m)   9.400   See South of bridge.   See South (YN)   Yes   See South (YN)   See South (YN)		Bell fil	ore option	cs vvest r/w	<i>/</i> .				Problem (Y/	N)  N	0					
Last Now Explanation of Condition       Horizontal Alignment     9     9     In bottom of long sag curve. Grade South of bridge.       Roadway Width (m)     9.400	Remarks						Appr	020	h Road							
Horizontal Alignment         9         9         In bottom of long sag curve. Grade South of bridge.           Roadway Width (m)         9.400						l as				of Co	ondi	tion				
Vertical Alignment         7         7         Grade South of bridge.           Roadway Width (m)         9.400         ————————————————————————————————————	Horizontal Align	ment						$\overline{}$	•							
Roadway Width (m)   9.400						-			Grade South of bridge.							
Approach Bump         7         7           Guardrail (Y/N)         Yes         SE & NW - 53.2m; SW & NE - 45.6m.           Guardrail         7         7           Length (m)         45.600         Insufficient posts - photo, no timber blocks where required.           Current Standard (Y/N)         No         Termination Type           Drainage         8         8																
Guardrail (Y/N)  Guardrail  To T  Length (m)  Current Standard (Y/N)  Termination Type  Turned Down  Drainage  SE & NW - 53.2m; SW & NE - 45.6m. Insufficient posts - photo, no timber blocks where required.  SE & NW - 53.2m; SW & NE - 45.6m. Insufficient posts - photo, no timber blocks where required.	Roadway Width (m) 9.400															
Guardrail 7 7  Length (m) 45.600  Current Standard (Y/N) No  Termination Type Turned Down  Drainage 8 8	Approach Bump				7	7										
Current Standard (Y/N)	` '							SE & NW - &	53.2m;	SW	& NE - 45.6r	n. blook	e whore reco	irad		
Current Standard (Y/N) No Termination Type Turned Down Drainage 8 8				7	7		insunicient posts - photo, no timber blocks where required					ııcu.				
Termination Type Turned Down Drainage 8 8																
Drainage 8 8	` '															
Approach Road General Rating 7 7	urainage					8	8									
	Approach Road	d Gene	eral Rat	ing		7	7	'								

Superstructure												
Bridge Com	ponent				Last	Now	Explanation of Condition					
(Primary Spa	an : <b>SM, 3 Spa</b>	ns, Ler	ngths(r	n): 6-8-6, A-Id	lent Nu	mber:						
Special Feat	tures											
Special Feat	ure					Х						
(Type:)												
Special Feat	ure					Х						
(Type : )												
	face/Deck Top	Detail	Ratings	<u> </u>								
3	N (%)	1 (%)		2 (%)	3 (%)							
Last												
Now												
Wearing Surf	face	<u>'</u>		<u>'</u>	7	4	Pothole at N abutphoto					
(Material T							i .					
(Thickness							- Transverse crack in ACP over pier/abut.					
	ection Problen	n ,	Yes									
(Y/N)	lection i toblen	11	163									
Deck Top					N	N	(Top of girders scaling, 25/Aug/2003)					
·												
Deck Rideab	ility				7	7						
					_	_						
Deck Joints					5	5	(Buffer angles. 3 patched North end. 25/Aug/2003) North abutment patched, still slight bump.					
Bump (Y/N			No			1						
Deck Drainag					7	7	No drains. Connector pocket stains and spot corrosion underside of girders. Old erosion scars on headslope prior to ACP overlay.					
Drains Clog	gged (Y/N)						gliders. Old erosion scars on headslope phor to Acr overlay.					
Curbs/Media	n				5	4	Scraped by grader, typical both curbs.					
(Curb Type	e : Standard)						NW has rebar exposed.					
Scaling (Pe	ercent Area)		5									
Bridge Rail					4	4	Double layer. Poor joint @ SE & NW, missing splice bolts SE.					
(Type : GA	LVANIZED ST	EEL F	LEX BI	EAM)								
Bridge Rail P	Posts				8	8						
(Type : GA STEEL)	LVANIZED PO	OST ST	ΓEEL;G	ALVANIZED	POST							
Bridge Rail/P	Posts Coating				7	7						
(Type : GA	LVANIZED)											
Sidewalk					Х	Х						
Girder Detail												
	N (count)	1 (cou	unt)	2 (count)	3 (cou	ınt)						
Last												
Now												
Girders					4	4	Rust staining of girders from grout pocket connectors. S1/G8, typical diagonal crack less than 0.5m. Local delam. Spot corrosion on					
Last Complete Inspection Date 08-Sep-2010							bottom of some girders.					
Cracking (Y/N) No							Paved over					
Spalling (Percent Area) 0							1 avod over					
Lift or Connector Pocket Grouted (Y/N)												
(Number Of	Girders : 24)											
Span Alignment Problems												
Vertical (Y/N) No												
Horizontal (Y/N) No												
Superstructure General Rating					4	4						

					ructure	
Bridge Com	ponent			Last	Now	Explanation of Condition
Abutments						
(Extended	Backwall Piles	s (Y/N) : <b>Y</b> )				
(Extended	Backwall Piles	s Spacing(mm	) : <b>1400</b> )			
(Total Numbe	er of Caps/Co	rbels : <b>3:3</b> )				
		ls Detail Ratir	ıgs			1
<b>U</b> = 3.4.1	N (count)	1 (count)	2 (count)	3 (co	unt)	
Last			,		,	
Now						
Bearing Seat	s/Caps/Corbe	els		7	6	
(Type : TRI	EATED TIMB	ER)				
(Depth(mm	): 356)					
(Width(mm	): 305)					
Backwalls/Br	eastwalls			5	5	
Greatest H	eight (m)	1.60				
Wingwalls				X	X	No wings. Backwall ext 1m past ext pile.
	er of Bearing I	Piles : <b>9:9</b> )				
Piles Detail R						
	N (count)	1 (count)	2 (count)	3 (co	unt)	
Last						
Now						
Piles				6	6	
Paint/Coating	9			X	X	
Abutment Sta	ability			7	6	
Scour/Erosio	n			5	4	South headslope eroded from run off leaking between the girders. Erosion gullies. Old erosion prior to ACP wearing surface.
Piers/Bents						
(Type : PIE	R-COLUMN)					
(Total Number	er of Caps/Co	rbels : <b>3:3</b> )				Poor alignment of girders on South pier SE location, midspan bearing 220mm, abutment span bearing 130mm - photo.
Bearing Seat	s/Caps/Corbe	ls Detail Ratir	igs			
	N (count)	1 (count)	2 (count)	3 (co	P2 West end missing core section @ end, prone to rot - photo.	
Last						
Now						
Bearing Seat	s/Caps/Corbe	els		4		
(Type : TREATED TIMBER)						
(Depth(mm): <b>300</b> )						
(Width(mm): <b>300</b> )						

				Subst	ructure
Bridge Component			Last	Now	Explanation of Condition
(Total Number of Bearing F	Piles : <b>9:9</b> )			1.1011	Deep vertical check in 50% piles. Some banded.
Piles Detail Ratings					
N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last	,				
Now					
Pier Shaft/Piles			4	5	
Greatest Height (m)	3.20				
Bracing/Struts/Sheathing			3	5	
Nose Plate			Х	Х	
Paint/Coating			X	X	
(Colour Description : )					
(Colour Code : )					
Pier Stability			8	7	
Scour			8	7	
Debris (Y/N)	No				
Substructure General Rat	ing		4	4	
			6	Structu	re Usage
				Now	Explanation of Condition
Channel			Luot	11011	Explanation of condition
(U/S Direction : W)					
(D/S Direction : E)					
Alignment			7	7	
Bank Stability			8	8	
HWM (m below Top of Curl	o)				HWM not visible.
Drift (Y/N)	Yes				
Slope Protection			5	4	Erosion gullies on South headslope, prior to installation of ACP
(Type : NONE; NONE)					wearing surface.
Guidebank/Spurs			Х	X	
Adequacy of Opening			8	8	
(Fish Compensation Measu	ıre 1 : NONE	<u>:</u> )			
(Fish Compensation Measu					
Channel General Rating		,	7	5	

			Maintenance Red	commend	ations					
Inspector Recommendations		Year	Inspector Comments		Department Comn	nents		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL		2010	Install missing splice bolts @ SE corr reinstall sections with improper splice	ner, lap.						
SEAL CURBS										
PATCH DECK	2	2010	pothole @ N abut.							
OVERLAY DECK										
STRAIGHTEN/REPLACE MEMBERS										
WASHING										
SHOTCRETE REPAIRS										
CORE TIMBER CAPS/CORBELS										
REPAIR/REPLACE TIMBER CAPS										
REPAIR ABUTMENT SCOUR/EROS	ON									
PLACE ADDITIONAL RIP RAP										
REMOVE DRIFT ACCUMULATION										
INSTALL STRUTS										
OTHER ACTION	2	2010	Install hazard markers at all corners.							
OTHER ACTION	2	2010	Seal ACP cracks over abutment / pie	rs.						
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/N (%)	low)	44.4/44.	Sufficiency Rating (Last/N (%)	low) 5	1.0/48.8	Est. Repl. Yr	2028	Maint. Red	ηd. (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	Dave La	am		Previous A	Assistant's Name					
Next Inspection Date	08-Dec-	2013		Previous I	nspection Date	14-Jun-2007				
Inspection Cycle (Default) (months)	39									
Comment										