Bridge Inspection																
Bridge File Number 70939 -1 Bridge						J	Form Type			PCS						
Year Built/Year 1975/1975							Lot I	Lot No.			2					
Supstr Bridge or Town Name HEINSBURG								Inspector Name			Jason Saly					
						TED	ODS ST	Inspector Class			BR CLS A					
Located Over TELEGRAPH CREEK, 6.11, WAT Located On 640:02 C1 16.613						ILK	UKO-01	Assistant Name								
Water Body Cl./	Vear	040.0)2 ()1	1 10.013					Assistant Class							
Navigabil. Cl./Ye										Inspection Date 28-Nov-2012						
Legal Land Loca		SWS	SEC	14 TWP	55 RGE	5 \//	N/I		Data Entry By Marcia Chavez							
Longitude, Latitu				1, 53:44:		J VV4	IVI		Data Entry Date 15-Jan-2013							
Road Authority	iuc			ansporta		Τ\				Reviewer Name John O'Brien						
Contract Main. A	rea.	CMA		ansporte	ווא) ווטוו	' /			-	iew Dat			14-Dec-2012			
Clear Roadway/		8.8 / (α									Andrew Smi			
AADT/Year	OKCW	460 /								t. Revie		9	17-Jan-2013	3		
Road Classificat	ion	RCU-							Follo	ow-Up I	Зу					
Detour Length (F		6	200	110					1							
Allowable Load (CS1	28		Semi	C	S2 49	1	Train CS		33 62		> On Critical Spans > Critical Member		
Design Loading:		ŀ	HS25	5											> Primary Span	
							Р	osting Ir	nform	nation						
Required Load F	osting	(t)			Single				Semi				Truck Train			
Posted Loading	(t)				Single	Single			Semi				Truck Train			
Posted:	Lane	EE	В		At Junction (Y/		′/N)	No		In Adva	ance (Y	′/N)	No	At Bridge (Y/N)		No
Posted:	Lane	W	B_		At Junc	tion (Y	′/N)	No	In Advance (Y/N)		No	At Bridge (Y/N)		No		
Remarks	Not re	equirec	d													
Hazard Marker A	At Brid	ge (Y/ľ	N)	Yes												
Remarks				Too higl	า.											
Other Sign Type	s			Narrow	bridge.											
							Ut	tilities (L	_ocat	ed at)						
Utility Attachmer	nts															
Telephone									Gas							
Power	3 wire	s O/H	15m	North o	f c/l.				Municipal Problem (Y/N) No							
Others									Prob	olem (Y	/N) N	10				
Remarks																
							Last		Explanation of Condition							
Horizontal Aligni	nent						8	8		Intersection to West, field access to East. Hills East & West.					Vest	
Vertical Alignme							7	7		intersection to vvest, held access to East. Hills East & West.					. 50	
Roadway Width				9.000					Initia	al stane	s of a	ootho	le formina in	WB I	ane at W annr	oach.
Approach Bump				2.300			7	7	Initial stages of a pothole forming in WB lane at W approach.							
Guardrail (Y/N) Yes							Mind	or creas	sina.							
Guardrail (1714)				6	5	1		g.								
Length (m) 30.400																
Current Standard (Y/N) No					Shoulder falls off before railing. Non standard next layout											
Termination Type Turn Down						Shoulder falls off before railing. Non-standard post layout.										
Drainage					8	N	Sno	w cove	red.							
Approach Road General Rating					7	7										

Ridge Component Last Now Explanation of Condition						Supers	structure
(Primary Span : VS, 1 Spans, Lengths(m): 6.1, A-Ident Number :) Special Feature	Bridge Com	ponent					
Special Feature		•	ns, Lengths	(m): 6.1, A-lde	nt Num	ber:)	
X Cattle Walkway: Farm has built a timber cattle crossing along the S			<u> </u>				
Spacial Feature X X						Х	Cattle Walkway: Farm has built a timber cattle crossing along the S
Special Feature	•						side of the bridge using end of abut timber caps as supports.
Type : Wearing Surface/Deck Top Detail Ratings		ure				X	
Wearing Surface/Deck Top Detail Ratings							
N (%)		face/Deck Top	Detail Ratin	ns			
Snow along curbs					3 (%)		
Now 10.0 0.0	Last		(11)	(12)			Chay clang curbo
Wearing Surface 5 5 5 Come degradation EBL Longit. cracking reflecting through ACP along girder lines. Comedition Problem No (Viv) Comedition Problem No (Viv) Comedition Problem No (Viv) Comedition Problem No (Viv) Comedition Problem No No ACP covered. Deck Rideability 7 7 ACP covered. Deck Joints N N ACP covered. Bump (Yin) No No Covered. Deck Joints N N ACP covered. Bump (Yin) No Covered. Covered. Covered. Bump (Yin) No Covered. Cove	Now		0.0	0.0	(0.0	Snow along curbs.
(Material Type : ACP) (Thickness(mr) : 50) Lateral Connection Problem (Y/N) Deck Top N	Wearing Sur						Some degradation FBL.
Chickness(mm) : 50 Lateral Connection Problem No No No No No No No N							Longit. cracking reflecting through ACP along girder lines.
Lateral Connection Problem No No No No No No No No No No No No No No No No							-
CYN Deck Top N N N ACP covered.		•	n No				
Deck Rideability Deck Joints Bump (Y/N) No Deck Drainage Drains Clogged (Y/N) Curbs/Median (Curb Type: Standard) Scaling (Percent Area) Bridge Rail To T	(Y/N)		., .,				
Deck Joints Bump (Y/N) No Deck Drainage 7 N N odeck drains. Ourbs/Median 5 N (Minor spalls & scaling. 25Jan2010) - Snow covered. (Curb Type : Standard) Scaling (Percent Area) Seridge Rail 7 7 7 Single layer. (Type : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail/Posts Coating 7 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Siddewalk 3 X Girder Detail Ratings N (count) Last Now 0 0 0 0 0 Girders Last Complete Inspection Date Cracking (Y/N) Yes Spalling (Percent Area) Lit for Connector Pocket Grouted (Y/N) No No (But deteriorated - photo. 09/Sep/2006) Snow covered.	Deck Top				N	N	ACP covered.
Deck Joints Bump (Y/N) No Deck Drainage 7 N N odeck drains. Ourbs/Median 5 N (Minor spalls & scaling. 25Jan2010) - Snow covered. (Curb Type : Standard) Scaling (Percent Area) Seridge Rail 7 7 7 Single layer. (Type : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail/Posts Coating 7 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Siddewalk 3 X Girder Detail Ratings N (count) Last Now 0 0 0 0 0 Girders Last Complete Inspection Date Cracking (Y/N) Yes Spalling (Percent Area) Lit for Connector Pocket Grouted (Y/N) No No (But deteriorated - photo. 09/Sep/2006) Snow covered.							
Bump (Y/N) No Deck Drainage 7 N No deck drains. Drains Clogged (Y/N) 5 No Curbs/Median 5 N (Minor spalls & scaling, 25Jan2010) - Snow covered. (Curb Type : Standard) Scaling (Percent Area) 5 Bridge Rail 7 7 7 (Type : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts 7 N (Type : GALVANIZED POST STEEL; GALVANIZED POST STEEL; Bridge Rail/Posts Coating 7 7 (Type : GALVANIZED POST STEEL; GALVANIZED POST STEEL) Sidewallk 3 X Girder Detail Ratings 7 In (Count) 1 (count) 2 (count) 3 (count) Last Now 0 0 0 0 0 Girders 5 5 S Last Complete Inspection Date 25-Jan-2010 Cracking (Y/N) Yes because there are no signs of distress. Last Complete Inspection Pocket Yes Grouted (Y/N) (Number Of Girders : 8) Span Alignment Problems Vertical (Y/N) No	Deck Rideab	oility			7	7	
Bump (Y/N) No Deck Drainage 7 N No deck drains. Drains Clogged (Y/N) 5 No Curbs/Median 5 N (Minor spalls & scaling, 25Jan2010) - Snow covered. (Curb Type : Standard) Scaling (Percent Area) 5 Bridge Rail 7 7 7 (Type : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts 7 N (Type : GALVANIZED POST STEEL; GALVANIZED POST STEEL; Bridge Rail/Posts Coating 7 7 (Type : GALVANIZED POST STEEL; GALVANIZED POST STEEL) Sidewallk 3 X Girder Detail Ratings 7 In (Count) 1 (count) 2 (count) 3 (count) Last Now 0 0 0 0 0 Girders 5 5 S Last Complete Inspection Date 25-Jan-2010 Cracking (Y/N) Yes because there are no signs of distress. Last Complete Inspection Pocket Yes Grouted (Y/N) (Number Of Girders : 8) Span Alignment Problems Vertical (Y/N) No	Dook Jointo				NI	NI	ACD governd
Deck Drainage 7 N No deck drains. Drains Clogged (Y/N)			No		IN	IN	ACP covered.
Drains Clogged (Y/N) Curbs/Median 5 N (Curb Type : Standard) Scaling (Percent Area) 5 Bridge Rail 7 7 CType : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts 7 N CType : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail/Posts Coating 7 7 CType : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail/Posts Coating 7 7 CType : GALVANIZED Sidewalk 3 X Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last Now 0 0 0 0 Girders 5 5 Last Complete Inspection Date 25-Jan-2010 Cracking (Y/N) Yes Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No		•	INO		-	Ι	
Curbs/Median		•			/	N	No deck drains.
Clurb Type : Standard Scaling (Percent Area) 5 5 Bridge Rail 7 7 Type : GALVANIZED STEEL FLEX BEAM Bridge Rail Posts 7 N Type : GALVANIZED POST STEEL;GALVANIZED POST					_	T	
Scaling (Percent Area) 5 Bridge Rail 7 7 7 (Type : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts 7 N (Type : GALVANIZED POST STEEL;GALVANIZED POST STE					5	N	(Minor spalls & scaling. 25Jan2010) - Snow covered.
Bridge Rail 7 7 7 (Type : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts 7 N (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail/Posts Coating 7 7 (Type : GALVANIZED) Sidewalk 3 X Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last Now 0 0 0 0 0 Girders 5 5 5 Last Complete Inspection Date 25-Jan-2010 Cracking (Y/N) Yes Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 8) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No			1_				
Bridge Rail Posts 7 N (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail/Posts Coating 7 7 (Type : GALVANIZED) Sidewalk 3 X Girder Detail Ratings		ercent Area)	5			1	
Bridge Rail Posts 7 N (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail/Posts Coating 7 7 (Type : GALVANIZED) Sidewalk 3 X Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last Now 0 0 0 0 0 Girders 5 5 5 Last Complete Inspection Date 25-Jan-2010 Cracking (Y/N) Yes because there are no signs of distress. Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 8) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No					7	7	Single layer.
Count Coun			TEEL FLEX	BEAM)		1	
SfEEL) Bridge Rail/Posts Coating 7 7 (Type : GALVANIZED) Sidewalk 3 X Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last Now 0 0 0 0 0 Girders Last Complete Inspection Date 25-Jan-2010 Cracking (Y/N) Yes Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 8) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No						N	3 steel posts per curb.
Circle County C	(Type : GA STEEL)	LVANIZED PO	OST STEEL	GALVANIZED	POST		
Sidewalk Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last Now 0 0 0 0 0 Girders Last Complete Inspection Date 25-Jan-2010 Cracking (Y/N) Yes Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 8) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Bridge Rail/F	Posts Coating			7	7	
Sidewalk Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last Now 0 0 0 0 0 Girders Last Complete Inspection Date 25-Jan-2010 Cracking (Y/N) Yes Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 8) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	(Type : GA	LVANIZED)					
Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count)	Sidewalk	,			3	X	
Now 0 0 0 0 0 Girders 5 5 5 Last Complete Inspection Date 25-Jan-2010 Cracking (Y/N) Yes Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 8) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No							
Now 0 0 0 0 0 Girders 5 5 5 Last Complete Inspection Date 25-Jan-2010 Cracking (Y/N) Yes	Girder Detail	Ratings					
Now 0 0 0 0 0 0 Girders 5 5 5 Last Complete Inspection Date 25-Jan-2010 Cracking (Y/N) Yes		N (count)	1 (count)	2 (count)	3 (cou	unt)	_
Girders 5 5 Small areas of corrosion staining @ E end of 6 girders. Last Complete Inspection Date 25-Jan-2010 Cracking (Y/N) Yes Hairline crack @ corner of 1 girder (<0.5m long but raise it 2 points because there are no signs of distress. Hairline cracking alogn c/l of bottoms of girders. Lift or Connector Pocket Yes (But deteriorated - photo. 09/Sep/2006) Snow covered. Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Last						
Last Complete Inspection Date Cracking (Y/N) Yes Spalling (Percent Area) Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 8) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No Hairline crack @ corner of 1 girder (<0.5m long but raise it 2 points because there are no signs of distress. Hairline cracking alogn c/l of bottoms of girders. (But deteriorated - photo. 09/Sep/2006) Snow covered. But deteriorated - photo. 09/Sep/2006) Snow covered.	Now	0	0	0		0	
Cracking (Y/N) Yes Spalling (Percent Area) Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 8) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Girders				5	5	Small areas of corrosion staining @ E end of 6 girders.
Cracking (Y/N) Yes because there are no signs of distress. Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 8) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	·	•		n-2010			Hairline crack @ corner of 1 girder (<0.5m long but raise it 2 points
Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 8) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No		·	Yes				because there are no signs of distress.
Grouted (Y/N) (Number Of Girders : 8) Span Alignment Problems Vertical (Y/N) Horizontal (Y/N) No							
(Number Of Girders : 8) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No							(But deteriorated - photo. 09/Sep/2006) Snow covered.
Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No		•					
Vertical (Y/N) No Horizontal (Y/N) No			s				
Horizontal (Y/N) No							
	-	•					
		<u> </u>			5	5	
	3		3				

		ructure				
Bridge Com	ponent			Last	Now	Explanation of Condition
Abutments						
(Extended	Backwall Piles	s (Y/N) : Y)				
(Extended	Backwall Piles	Spacing(mm) : 1500)			
(Total Number	er of Caps/Cor	rbels : 5:5)				
Bearing Seat	s/Caps/Corbe					
	N (count)	1 (count)	2 (count)	3 (cou	ınt)	
Last						
Now	0	0	0		0	_
	s/Caps/Corbe			5	5	(100mm rot in W subcap. 95/12/29)
	EATED TIMBI	ER)			Slight cap rotation both abuts - crack visible. N end of E abut cap.	
(Depth(mm	•					-
(Width(mm					1	
Backwalls/Br				5 N		T & G vertical - not visible due to ice/water levels.
Greatest H	eight (m)	2.00			1	
Wingwalls				5	5	
(Total Number	er of Bearing F	Piles : 8:8)				
Piles Detail F		1100 . 0.0)				-
. noo Dotail I	N (count)	1 (count)	2 (count)	3 (cou	ınt)	1
Last	. (500.11)	. (500.11)	= (300.11)	3 (000	,	
Now	100	0	0		0	
Piles				5	N	3 shimmed.
						Pile from N of E abut has settled 15mm.
						A2P6 pushed outward, only 100mm of cap is bearing on the piles (but has a 4 x 12 scab).
						Radial & circular cracking at top of E abut pile.
Paint/Coating	9			X	Х	
				_		
Abutment Sta	ability			5	5	
Scour/Erosio	n			N	N	Ice/snow.
Piers/Bents						
(Type:)						Max deck to S/B (0.9m to ice).
	er of Caps/Cor					
Bearing Seat	s/Caps/Corbe					-
	N (count)	1 (count)	2 (count)	3 (cou	ınt)	_
Last						-
Now	- /O /O -	1-			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	_
	ts/Caps/Corbe	els		X	X	-
(Type:)						-
(Depth(mm						-
(Width(mm		Dil \				
	er of Bearing F	riles :)				-
Piles Detail Ratings						
Last	N (count)	1 (count)	2 (count)	3 (cou	1111)	
Now						
Pier Shaft/Pil	les			X	Х	-
Greatest H				^		-
Bracing/Strut				X	Х	
racing/Strui				^	^	
Nose Plate				Х	Х	

		ructure				
Bridge Component		Last	Now	Explanation of Condition		
Paint/Coating		Х	X			
(Colour Description :)						
(Colour Code :)						
Pier Stability		X	X			
Scour		Х	Х			
Debris (Y/N)	Yes			(Old piles. 25Jan2010).		
Substructure General Rating		5	5			
		5	re Usage			
		Last	Explanation of Condition			
Channel						
(U/S Direction : S)			Swampy area with low banks.			
(D/S Direction : N)						
Alignment		6	6			
Bank Stability		7	7			
HWM (m below Top of Curb)				HWM not visible.		
Drift (Y/N)	No					
Slope Protection		N	N	Snow covered.		
(Type: NATURAL; NATURAL	_)					
Guidebank/Spurs		Х	Х			
Adequacy of Opening		6	6			
(Fish Compensation Measure 1	: NONE)					
(Fish Compensation Measure 2	: NONE)					
Channel General Rating		6	6			

70939 -1 Bridge

					Maintenance R	ecommend	ations					
Inspector Recom		Year Inspector Comments				Department Com	Target Year	Est. Cost	Cat #			
REPAIR/REPLACE BRIDGE RAIL												
SEAL CURBS												
PATCH DECK												
OVERLAY DECK												
STRAIGHTEN/REPLACE MEMBERS												
WASHING												
SHOTCRETE REPAIRS												
CORE TIMBER CAPS/CORBELS												
REPAIR/REPLAC	E TIMBER CAPS											
REPAIR ABUTMI	ENT SCOUR/EROSI	ON										
PLACE ADDITIO	NAL RIP RAP											
REMOVE DRIFT ACCUMULATION												
INSTALL STRUTS												
OTHER ACTION			2013		ccess to cattlepass by addi	ing fill.						
OTHER ACTION			2013 Regrout lift pockets, if not done.									
OTHER ACTION			2013	Reset H	Ms to std.							
OTHER ACTION												
OTHER ACTION												
Structural Condition Rating (Last/Now) (%)			55.6/55.6 Sufficiency Rating (Last/			/Now)	65.3/65.3	Est. Repl. Yr	2018	Maint. Red	ąd. (Y/N)	Yes
Special Comments for Next Inspection	Farmer has added	a cattle o	crossing	on S side	of bridge.		Department Comments					
Maintenance Rev	riewed By						Date			Estimated Total	0	
Proposed Long-T	erm Strategy											
On 3-Year Program (Y/N)												
Proposed Action												
Previous Inspector's Name Ower		Owen S	Salava			Previous	evious Assistant's Name					
Next Inspection D		28-Feb	-2016			Previous	Inspection Date					
		39						25-Jan-2010				
Comment	(

Bridge Inspection & Maintenance System (Web 2005)