Series Number								Bridge I	Inspe	ection							
Var Built/Year 1959/1959	Bridge File Numb	er	00457	7 -1 Bridge				71 K. S. C. A					CON				
Bidge of Town Name													1				
Located Over CPR	·										lame		Owen Salava	 а			
Located On	Bridge or Town N	lame	CARE	BON					Ins	pector C	lass		BR CLS A				
National	Located Over		CPR						As	Assistant Name							
Navigabil. CL/Vear Legal Land Location Legal Land Location Land Location Land Location Land Location Land Land Land Land Land Land Land Land			21:14	C1 11.898					As	sistant C	lass						
Legal Land Location	Water Body Cl./Y	ear							Ins	pection	Date		17-Sep-2012	2			
Longitude, Latitude	Navigabil. Cl./Yea	ar							Da	ta Entry	Ву		Marcia Chav	ez			
Review Name			SW S	SEC 19 TWP	29 RGE	23 W4N	/		Da	ta Entry	Date		02-Oct-2012				
Contract Main. Area		de							Re	viewer N	lame		John O'Brier	1			
Contract Main. Area CMA20 College Roadway/Skew 16.7 of 1 deg. (RHF) Dept. Review Plane Dept. Review Date 18-Oct-2012	Road Authority		Albert	ta Transport	ation (Al	T)			Re	view Da	te		27-Sep-2012	2			
ADDT/Year 1,840 / 2011 (A) Follow-Up By Fol									De	pt. Revie	ewer N	lame					
AADT/Year	Clear Roadway/S	kew			HF)					•							
Radu Classification RAU-211.8-110 Detour Length (km) 20	AADT/Year		1,840	/ 2011 (A)						•							
Allowable Load (I): Single CS1 31 GIRDER Semi CS2 49 Train CS3 64 > Critical Spans > Critical Member		-		211.8-110						·							
Design Loading:		<u> </u>													1		
Design Loading: HS20 Posting Information	Allowable Load (t): Sin				Semi	CS	S2 49			Train				> On Critical M	al Spans	;
Posting Information Posting (m) Posted Vertical Clearance (Y/N) No Posted Vertical Clearance (Y/N) No Posted: Lane EB On Bridge (m) In Advance (Y/N) No Lane WB On Bridge (m) In Advance (Y/N) No Remarks Not required. 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 Other Sign Types Curve, (Stream ID @ SE corner should be located at SE corner of BF06565). Utilities (Located at) Utility Attachments Telephone Gas Problem (Y/N) No Problem (Y/N) P	Design Loading:											Gil	IDEK				
Required Vert. Clearance Posting (m)	Design Loading.			1020			P	nstina	nfor	mation					> Fillinary	Оран	
Posted Lane EB	Required Vert. CI	earan	ce Po	sting (m)				Journa		Пастоп							
Posted Lane EB	•				No												
Required Load Posting (t) Single Semi 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 Remarks Not required. Hazard Marker At Bridge (Y/N) No Remarks Other Sign Types Curve, (Stream ID @ SE corner should be located at SE corner of BF06565). Utilities (Located at) Utility Attachments Telephone Gas Power Others Problem (Y/N) No Remarks Approach Road Last Now Explanation of Condition Horizontal Alignment Semi Truck Train						In Advar	nce	(Y/N)	No	Lane	WB	0	n Bridge (m)		In Advance	(Y/N) I	No.
Required Load Posting (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 At Bridge (Y/N) No Remarks Not required. Hazard Marker At Bridge (Y/N) No Remarks Other Sign Types Curve, (Stream ID @ SE corner should be located at SE corner of BF06565). Utilities (Located at) Utility Attachments Telephone Gas Municipal Problem (Y/N) No Remarks Approach Road Last Now Explanation of Condition Horizontal Alignment Vertical Alignment Vertical Alignment Vertical Alignment Vertical Alignment Vertical Alignment Vertical Alignment Semi Truck Train No At Bridge (Y/N) No Explanation of Exploses as a series of BF06565). Train in Advance (Y/N) No Termination Type Turned Down Turned Truck Train Turned (Y/N)								(1,11)		1 = 5.11.15			<u>.</u>			(1,11)	
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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 At Bridge (Y/N) No Remarks Not required. Hazard Marker At Bridge (Y/N) No Remarks Other Sign Types Curve, (Stream ID @ SE corner should be located at SE corner of BF06565). Utilities (Located at) Utility Attachments Telephone																	
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Remarks Other Sign Types Curve, (Stream ID @ SE corner should be located at SE corner of BF06565). Utility Attachments Telephone Power Others Remarks Approach Road Last Now Explanation of Condition Horizontal Alignment Vertical Alignment Vertical Alignment S																	
Other Sign Types Curve, (Stream ID @ SE corner should be located at SE corner of BF06565). Utilities (Located at) Utilities (Located at) Utility Attachments Telephone Power Others Problem (Y/N) No Remarks Approach Road Last Now Explanation of Condition Horizontal Alignment S 5 5 Bridge is in a curve. Vertical Alignment Vertical Alignment S 5 5 Bridge is in a curve. Hills both sides. No passing both directions. ACP delaminated at S paving lip. ACP delaminated at S paving lip. ACP delaminated at S paving lip. SW rail end poses safety hazard if hit (photo). Guardrail Length (m) Current Standard (Y/N) No Termination Type TURNED DOWN Drainage 5 5 Large void at NW curb/slab interface. Edge delam at NW corner drain.		Dilag	<i>j</i> O (1/1	1, 110													
Utilities (Located at) Utility Attachments Telephone Power Others Problem (Y/N) No Remarks Approach Road Last Now Explanation of Condition Horizontal Alignment Formula Bridge is in a curve. Formula Bridge is in				Curve	(Stream	ID @ SE	= 00	rner -	shou	d be loc	ated a	t SF (corner of BF0	6565)			
Utility Attachments Telephone Power Others Problem (Y/N) No Remarks Approach Road Last Now Explanation of Condition Horizontal Alignment Foadway Width (m) Approach Bump Approach Road Bridge is in a curve. Hills both sides. No passing both directions. ACP delaminated at S paving lip. Approach Road Approach Road Bridge is in a curve. Hills both sides. No passing both directions. ACP delaminated at S paving lip. ACP delaminated at S pavin	Guior Gigit Types			ourro,	(Otrouiii	12 0 01					atou o	. 02	onnor or Br o	0000)	,.		
Telephone Power Others Approach Road Last Now Explanation of Condition Horizontal Alignment Vertical Alignment Foadway Width (m) Approach Bump Approach Road AcP delaminated at S paving lip. Rail not attached @ SW, NE & NW corners - photo. SW rail end poses safety hazard if hit (photo). Insufficient posts; not thrie beam. Termination Type TURNED DOWN Drainage 5 Large void at NW curb/slab interface. Edge delam at NW corner drain.	Utility Attachment	ts															
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Last Now Explanation of Condition											,						
Last Now Explanation of Condition								Appro	ach F	Road							
Vertical Alignment55Hills both sides. No passing both directions.Roadway Width (m)11.000ACP delaminated at S paving lip.Approach Bump77Guardrail (Y/N)YesRail not attached @ SW, NE & NW corners - photo. SW rail end poses safety hazard if hit (photo).Guardrail33Length (m)67.100Insufficient posts; not thrie beam.Current Standard (Y/N)NoInsufficient posts; not thrie beam.Drainage55Large void at NW curb/slab interface. Edge delam at NW corner drain.						L			\neg		n of C	ondi	tion				
Roadway Width (m) Approach Bump Tolerance Survey Standard (Y/N) Roadway Width (m) Approach Bump Tolerance Survey Sur	Horizontal Alignm	ent					5	5	Bri	dge is in	a cur	ve.					
Approach Bump 7 7 Guardrail (Y/N) Yes Rail not attached @ SW, NE & NW corners - photo. SW rail end poses safety hazard if hit (photo). Length (m) 67.100 Current Standard (Y/N) No Termination Type TURNED DOWN Drainage 5 5 Large void at NW curb/slab interface. Edge delam at NW corner drain.	Vertical Alignmen	nt					5	5	Hill	s both s	ides. N	vo pa	ssing both dir	ection	ns.		
Guardrail (Y/N) Yes Rail not attached @ SW, NE & NW corners - photo. SW rail end poses safety hazard if hit (photo). Length (m) 67.100 Current Standard (Y/N) No Termination Type TURNED DOWN Drainage 5 5 Large void at NW curb/slab interface. Edge delam at NW corner drain.	Roadway Width (m)		11.000					AC	P delam	inated	l at S	paving lip.				
Guardrail Length (m) Current Standard (Y/N) Termination Type TURNED DOWN Drainage 5 5 Large void at NW curb/slab interface. Edge delam at NW corner drain.	Approach Bump						7	7									
Length (m) 67.100 Current Standard (Y/N) No Termination Type TURNED DOWN Drainage 5 5 Large void at NW curb/slab interface. Edge delam at NW corner drain.	Guardrail (Y/N)			Yes					Ra	Rail not attached @ SW, NE & NW corners - photo.							
Current Standard (Y/N) Termination Type TURNED DOWN Turninage 5 Large void at NW curb/slab interface. Edge delam at NW corner drain.	Guardrail						3	3	_ SV	rail end	pose	s safe	ety hazard if h	it (pho	oto).		
Termination Type TURNED DOWN Torminage Turned to the standard (Y/N) Turned to the standard (Length (m)			67.100					1		ncst-		brio bases				
Drainage 5 5 Large void at NW curb/slab interface. Edge delam at NW corner drain.	Current Standa	rd (Y/l	N)	No					Ins	utticient	posts	not t	nrie peam.				
drain.	Termination Typ	ре		TURNE	D DOW	'N											
Approach Road General Rating 3 5	Drainage						5	5			at NW	curb/	/slab interface	e. Edg	ge delam at N	W corner	
	Approach Road	Gene	ral Ra	ating			3	5									

				,	Supers	tructure
Bridge Com	ponent			Last		Explanation of Condition
(Primary Spa	an : CT, 3 Spar	ns, Lengths(m	ı): 17.1-23.8-1	7.1, A-	Ident N	Number:)
Special Feat	tures				_	
Special Feat	ure				X	
(Type:)						
Special Feat	ure				Х	
(Type:)						
Wearing Sur	face/Deck Top	Detail Ratings				
	N (%)	1 (%)	2 (%)	3 (%)		
Last	0	0	0		0	
Now	0.0	0.0	0.0	0	0.0	
Wearing Sur				5	5	Random cracking & random patches. (Over epoxy) ACP pushed toward curb at NW end of deck.
	ype : ACP - C C	ONVENTIONA	L CHIP SEAL	. COAT	Γ)	- Pushed toward outs at 1444 chie of deck.
(Thickness	(mm) : 50)					
Deck Top				N	N	
Deck Rideab	ility			7	7	
Deck Joints				4	4	Leakage at both abutments @ West.
Temperatu	re (deg. C)	25				
(Expansion	n Type : GLAN I	D (WABO-MA	UER, TRANS	FLEX,	ETC))	
(Fixed Typ	e:)					
Gap Size (mm)	Gap L	ocation			
74		S abu				
71		N abu	t			
Deck Draina	ge			4	4	Retro drain causing erosion at NW and SW. 2 pipes broken off -
Drains Clo	gged (Y/N)	No				photo.
Curbs/Media	n			3	3	Heavy scaling some spalling both curbs (photos).
(Curb Type	e : Standard)					
Scaling (Pe	ercent Area)	15				
Bridge Rail				6	6	Minor bends. Small crease in 5th panel from SE.
(Type : CO	NCRETE VER	TICAL BAR)				
Bridge Rail F	Posts			5	5	25% cracked @ some posts, worst at 3rd post from NE.
(Type : GA STEEL)	LVANIZED PO	ST STEEL;G	ALVANIZED I	POST		
Bridge Rail/F	Posts Coating			6	6	
(Type:)						
Sidewalk				Х	X	
Girders				5	5	Some girder ends with heavy scaling & cracking - worst at S1G3 3rd abut.
Diaphragms/	Cross Frame			6	6	
Bearings				6	6	
Temperatu	re (dea. C)	25				Rollers @ abutments.
	n Type : ROLLI					Rockers @ S pier, pinned at N pier.
	e : ROCKER B					409/ correction pitted at outside at abutments
	lequate (Y/N)	No				40% corrosion pitted at exterior at abutments.
Functioning		Yes				
Deck Unders		. 33		7	7	Flexural cracks found in some girders with up to 0.20 mm width.
Stains (Per		1				
Otanio (i Ci	. 5511. 7 11 Guj	-				

			Supers	tructure
Bridge Component				Explanation of Condition
(Primary Span : CT, 3 Spans, Le	ngths(m): 17.1-23.8-1	7.1, A	Ident N	lumber:)
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating		5	5	
			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats		3	4	NW seat heavy scaling (photo).
Backwalls/Breastwalls		5	5	Stained/scaling.
Wingwalls		4	4	Heavy scaling at NE wingwall.
Piles		N	N	
Paint/Coating		4	4	Tar- peeling.
Abutment Stability		7	7	
Scour/Erosion		4	4	Large gully at N hslp (photo).
Piers/Bents		-		
(Type : PIER-COLUMN)				Surface spalls @ West end both piers.
Bearing Seats/Caps		6	6	
(Type : CONCRETE)			_	
Pier Shaft/Piles		7	7	
Nose Plate		Х	Х	
Paint/Coating		Х	Х	
(Colour Description :)				
(Colour Code :)				
Pier Stability		7	7	
Scour		4	4	Erosion caused by deck drainage at NW & SW corners.
Debris (Y/N)	No			
Substructure General Rating		3	4	
		S	Structu	re Usage
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment		Х	X	Over decommissioned railway line.
Traffic Safety Features		X	X	
Туре	NONE			
Slope Protection		6	6	Slope is 1:1 at South abutment.
(Type: NATURAL; NATURAL)			
Bank Stability		5	5	
Drainage		6	6	
Grade Separation General Rati	ng	5	5	

		Maintenance Recommendations	lations		-		
Inspector Recommendations	Year	Inspector Comments	Department Comments	nents	Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL							
GALVANIZE/PAINT BRIDGE RAIL							
RETROFIT BRIDGE RAIL							
SEAL CURBS	2015	Patch curbs 10m3 & NE wingwall, OH-V.					
PATCH DECK							
SEAL DECK							
OVERLAY DECK							
REPAIR/REPLACE DECK JOINTS							
RESET/ PAINT BEARINGS	2015	Blast and recoat abut bearings					
WASHING							
SHOTCRETE REPAIRS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION	2012	Attach approach rail to bridge SW & NW & NE corners.					
OTHER ACTION	2015	Remove scaled area of abutment seat and patch 0.05m3 @ NW					
OTHER ACTION	2015	Plug hole At NW approach curb to stop erosion.					
OTHER ACTION	2012	Move Creek ID sign to SE corner of BF06565.					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	44.4/50.0	Sufficiency Rating (Last/Now) (%)	39.6/52.7	Est. Repl. Yr 2025	Maint. Reqd. (Y/N)		Yes
Special (Remove structure when hwy is upgraded. 16Feb2009). Comments for Defer all repairs where not safety related until structure in Next Inspection	hwy is upg ot safety re	raded. 16Feb2009). lated until structure is removed.	Department Comments				
Maintenance Reviewed By			Date		Estimated Total	0	
Proposed Long-Term Strategy Rail	road gone,	Rail road gone, remove about 2024. RS					
On 3-Year Program (Y/N)							

Proposed Action			
Previous Inspector's Name	Dave Lam	Previous Assistant's Name	
Next Inspection Date	17-Jun-2014	Previous Inspection Date	11-Nov-2010
Inspection Cycle (Default) (months) 21	21		
Comment			

		Maintenance Recommend	dations				
Inspector Recommendations	Year	Inspector Comments	Department Comments		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL							
GALVANIZE/PAINT BRIDGE RAIL							
RETROFIT BRIDGE RAIL							
SEAL CURBS	2015	Patch curbs 10m3 & NE wingwall, OH-V.	At rehab		2017		
PATCH DECK							
SEAL DECK							
OVERLAY DECK							
REPAIR/REPLACE DECK JOINTS							
RESET/ PAINT BEARINGS	2015	Blast and recoat abut bearings	At rehab		2017		
WASHING		-					
SHOTCRETE REPAIRS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION	2012	Attach approach rail to bridge SW & NW & NE corners.	At rehab		2017		
OTHER ACTION	2015	Remove scaled area of abutment seat and patch 0.05m3 @ NW	At rehab		2017		
OTHER ACTION	2015	Plug hole At NW approach curb to stop erosion.	At rehab		2017		
OTHER ACTION	2012	Move Creek ID sign to SE corner of BF06565	. At rehab		2017		
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	44.4/50	Sufficiency Rating (Last/Now) (%)	39.6/52.7 Est. Repl. Yr	2025	Maint. Re	eqd. (Y/N)	Yes

Special Comments for Next Inspection	(Remove structure Defer all repairs wh	when hwy is upgraded. 16Feb2009). nere not safety related until structure is removed.		Department Comments	Rehab programmed for 20 ²	17	
Maintenance Rev	viewed By	Andrew Smikles		Date	03-Dec-2012	Estimated Total	0
Proposed Long-T	erm Strategy	Rail road gone, remove about 2024. RS					
On 3-Year Progra	am (Y/N)						
Proposed Action							
Previous Inspecto	or's Name	Dave Lam	Previous A	ssistant's Nam	ne		
Next Inspection D	Date	17-Jun-2014	Previous In	nspection Date	11-Nov-2010		
Inspection Cycle	(Default) (months)	21					
Comment							