Bridge File Number 72218 - 1 Bridge Form Type PCS								В	ridge Ir	nspection	n						
Inspector Name	Bridge File Num	ber	7321	8 -1 I	Bridge				Ŭ				PCS				
Bridge or Town Name PIBROCH STOAL CREEK, 8.11.84.12, WATERCRS- STOAL CREEK ST			1974	1/1974	4					Lot No.			2				
Located Over										Inspector Name			Todd Warshawski				
Located On									Inspector Class			BR CLS B					
Located On						12, WATE	ERC	RS-	Assistant Name								
Data Entry By									Assistant Class								
Navigabil. Cl./Year Data Entry By Theresa Lacusta	Water Body Cl./	Year								Inspection Date				27-May-201)		
Legal Land Location										Data En	try B	Ву		Theresa Lacusta			
Longitude, Latitude			NW S	SEC -	4 TWP 6	32 RGE	1 W5M			Data Entry Date			21-Jun-2010				
Alloward Hangspread Alloward Hangspread			-114:	:05:30	0, 54:20:	:29				Reviewe	er Na	ame		Arnold Asse	nheim	ner	
Dept. Review Date 29-Jun-2010	Road Authority		Albei	rta Tr	ansporta	ation (Al	T)										
Calcal Notadows/Lokew S-17 AADTY'ear 360 / 2009 (A) Road Classification RCU-209-110	Contract Main. A	rea	СМА	10													
Read Classification RCU-209-110	Clear Roadway/	Skew	9.1 /							· ·			е	29-Jun-2010			
Detour Length (km) 3	AADT/Year		360 /	2009	9 (A)					Follow-U	Jp B	У					
Allowable Load (i): Single	Road Classificat	ion	RCU	-209-	-110												
Design Loading: HS25	Detour Length (k	km)	3														
Design Loading: HS25 Posting Information Required Load Posting (t) Single Semi Truck Train Posted Loading (t) Single Semi Truck Train Posted: Lane EB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No Posted: Lane WB 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 Utilities (Located at) Utility Attachments Telephone Gas Municipal Others Power Municipal Others Remarks Approach Road Last Now Explanation of Condition Horizontal Alignment 7 7 7 Field access East & West. Roadway Width (m) 9.000 Approach Bump 8 7 Road Insufficient posts and lengths. Roadway Width (m) 12.000 Current Standard (Y/N) No Termination Type Turn Down Drainage 7 4 Windrow buildup impedes drainage.	Allowable Load ((t): Sin	gle	CS1	28		Semi	CS	2 49		Т	rain	CS	3 62		> On Critic	cal Spans
Posting Information	Design Loading			ПСОГ													
Required Load Posting (t) Single Semi Truck Train Posted: Lane EB	pesign Loading:			17325				Pο	sting le	oformatic	n_					> Pilitiary	оран
Posted Loading (t)	Required Load F	Postina	(t)			Single		T 0	oung II						Truc	k Train	
Posted: Lane EB			(-)					_									
Posted: Lane WB 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 Utilities (Located at) Utility Attachments Telephone Gas Power Municipal Others Remarks Approach Road Last Now Explanation of Condition Horizontal Alignment 7 7 7 Field access East & West. Vertical Alignment 8 8 8 Roadway Width (m) 9.000 Approach Bump 8 7 Guardrail (Y/N) Yes Guardrail (Y/N) No Length (m) 12.000 Current Standard (Y/N) No Termination Type Turn Down Drainage 7 4 Windrow buildup impedes drainage.		<u>.</u>	F	В			tion (Y/N)	No			nce (Y	//N)	No			No
Remarks Not required. Hazard Marker At Bridge (Y/N) No Remarks Other Sign Types Utilities (Located at) Utility Attachments Telephone Gas Municipal Others Problem (Y/N) No Remarks Approach Road Last Now Explanation of Condition Horizontal Alignment 7 7 7 Field access East & West. Vertical Alignment 8 8 8 Roadway Width (m) 9.000 Approach Bump 8 7 Guardrail (Y/N) Yes Guardrail (Y/N) Yes Guardrail (Y/N) No Termination Type Turn Down Drainage 7 4 Windrow buildup impedes drainage.							•	_									
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Last Now Explanation of Condition	Remarks																
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Length (m) 12.000 Current Standard (Y/N) No Termination Type Turn Down Drainage 7 4 Windrow buildup impedes drainage.	Guardrail (Y/N) Yes					Incuffici											
Current Standard (Y/N) No Termination Type Turn Down Drainage 7 4 Windrow buildup impedes drainage.				N	5	HISUITICI	ent b	บอเช ั	anu it	711YII15.							
Termination Type Turn Down Drainage 7 4 Windrow buildup impedes drainage.							_										
Drainage 7 4 Windrow buildup impedes drainage.																	
		/pe			Turn Do	own											
Approach Road General Rating 7 7	Drainage							7	4	Windrov	v bui	ldup i	mped	les drainage.			
ADDITION DELICIALITATION IN INC.	Approach Road	Gene	ral R	ating				7	7								
, , , , , , , , , , , , , , , , , , ,		. 55110		~····y													

						Supers	tructure
Bridge Component							Explanation of Condition
	n : VH, 3 Spa i	ns, Le	ngths(n	n): 10.1-10.1-	10.1, A		•
Special Feat	ures						
Special Feat						Х	
(Type:)							
Special Feat	ure					X	
(Type:)	<u> </u>						
	ace/Deck Top	Detail	Ratings	<u> </u>			
, rraamig Can	N (%)	1 (%)		2 (%)	3 (%)		
Last	(1.1)	(**)	<u></u>	(**)	- (,		
Now							
Wearing Surf	face			<u>'</u>	6	5	2 grout key cracks / span.
(Material T							Grout key cracks refecting through ACP.
(Thickness	•						Pot holes along curb at lift pockets.
	ection Problen	n	Yes				The second secon
(Y/N)	COLIOTT TODICT	'	103				
Deck Top					N	N	
Deck Rideab	ility				8	8	
Deck Joints					N	N	Paved over.
Bump (Y/N)		No				
Deck Drainag	ge				4	5	
Drains Clog			No				
Curbs/Media					N	5	
	: Standard)				11		
	ercent Area)		1				
Bridge Rail	orderit / trody		<u>'</u>		4	4	Double layer missing 4 bolts @ every splice. (144 bolts).
	LVANIZED ST	reel I	EI EY RI	E A M \	N 3		Improper lap.
Bridge Rail P		LLLI	LLX D	LAWI)			(23/Jan/2004) Snow covered.
(Type : GA	LVANIZED PO	OST S	TEEL;G	ALVANIZED			10 posts with missing/wrong nuts. 1 post with broken anchorage.
STEEL)	· · · · · · ·						- The state of the
Bridge Rail/P					N	6	
	LVANIZED)						
Sidewalk					X	X	
Girder Detail	Ratings						
J Cor Dotall	N (count)	1 (co	unt)	2 (count)	3 (cou	ınt)	
Last	(200.11)	. (55	,	(200)		2	
Now	0		0	0		3	
Girders					3 3		S1-G7-Wide crack 1 spall in A-rebar embedded in sound concrete.
	te Inspection F)ate	27-May	-2010	3		S2-G2-Spall full length of one leg-rebar exposed.
Last Complete Inspection Date 27-May-2010 Cracking (Y/N) Yes							S3-G2-Concrete soundness not verified. 28 of 33 girders have wide cracks and spalls d/s of AZ.
Spalling (Percent Area) 0							Drift pin spalls on most girders on S1.
Lift or Connector Pocket							
Grouted (Y/N) (Number Of Girders : 33)							
	Span Alignment Problems						
	Vertical (Y/N) No						
Horizontal	•		No				
Superstruct	ure General R	ating			3	3	

					tructure					
Bridge Component					Now	Explanation of Condition				
Abutments		-		-						
(Extended E	Backwall Piles	s (Y/N) :)								
(Extended I	Backwall Piles	Spacing(mm):)							
	er of Caps/Cor				Joint leaking onto abutment.					
Bearing Seats	s/Caps/Corbel					- Contributing of the abatment.				
_	N (count)	1 (count)	2 (count)	3 (cou	ınt)					
Last						_				
Now				_		_				
	s/Caps/Corbe	IS		6	5					
(Type : COI	· · · · · · · · · · · · · · · · · · ·									
(Depth(mm)										
(Width(mm)	•									
Backwalls/Bre				6 6		Concrete				
Greatest He	eight (m)	1.30								
Wingwalls				N	4	Erosion settlement along base.				
(Total Numbe	er of Bearing F	Piles : 0:0)				Piles encased in concrete.				
Piles Detail R	atings									
	N (count)	1 (count)	2 (count)	3 (cou	ınt)					
Last										
Now	1									
Piles				N	N					
Paint/Coating	J			X	X					
Abutment Sta	ability			6	6					
Scour/Erosion	n			7	6					
Piers/Bents										
(Type : PIE	R-COLUMN)									
(Total Numbe	er of Caps/Cor	bels : 1:1)				Concrete spall on pier 1 under G11.				
Bearing Seats	s/Caps/Corbel	ls Detail Ratir	gs			Concrete spall on Pier 2 under G3.				
	N (count)	1 (count)	2 (count)	3 (cou	ınt)					
Last										
Now					1					
Bearing Seats	s/Caps/Corbe	ls		4	3					
(Type : COI	NCRETE)									
(Depth(mm)): 600)									
(Width(mm)) : 500)									
(Total Number	er of Bearing F	Piles : 6:6)								
Piles Detail R	atings									
	N (count)	1 (count)	2 (count)	3 (cou	ınt)					
Last										
Now										
Pier Shaft/Pile	es			8	7					
Greatest He	eight (m)	3.60								
Bracing/Struts/Sheathing				8	7					
Nose Plate				Х	Х					
Paint/Coating	Paint/Coating 4				4	Heavy staining from leaky joint & salt attack. Superficial rusting. Pier				
(Colour Des	scription:)					columns & bracing are primed but not painted.				
(Colour Cod	de :)									

			Cubet	wile files
Dridge Commonent		Last		ructure
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		8	8	
Scour		8	8	
Debris (Y/N)	oris (Y/N) Yes			Old piles. Beaver dam.
Substructure General Rating		4	3	
			Structu	re Usage
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : S)				
(D/S Direction : N)				
Alignment		8	8	
Bank Stability		8	8	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection		7	6	Riprap and old concrete in channel and along piers.
(Type:)				
Guidebank/Spurs		Х	Х	
Adequacy of Opening		8	8	
(Fish Compensation Measure 1	: NONE)			
(Fish Compensation Measure 2	2 : NONE)			
Channel General Rating		8	8	

		Maintenance	Recommendations				
Inspector Recommendations	Yea	r Inspector Comments	Department Cor	mments	Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL		Install missing splice bolts and wa and adjust lap.	ashers(144)				
SEAL CURBS							
PATCH DECK	201	Fill potholes and seal cracks.					
OVERLAY DECK							
STRAIGHTEN/REPLACE MEMBER	S						
WASHING	201	Wash abutment/pier caps & seal from salt attack.	to protect				
SHOTCRETE REPAIRS							
CORE TIMBER CAPS/CORBELS							
REPAIR/REPLACE TIMBER CAPS							
REPAIR ABUTMENT SCOUR/ERO	SION						
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION	201	Beaverdam/old piles.					
INSTALL STRUTS							
OTHER ACTION	201	Partial depth repairs on pier caps	5.				
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last (%)	Now) 38.9	Sufficiency Rating (La (%)	st/Now) 61.3/59.4	Est. Repl. Yr 2020	Maint. Re	qd. (Y/N)	Yes
Special Monitor cracks in Comments for Next Inspection	girder legs.		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 Lam		Previous Assistant's Name				
Next Inspection Date	27-Aug-201	3	Previous Inspection Date	02-Mar-2007			
Inspection Cycle (Default) (months)	39						
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