Bridge Inspection													
Bridge File Num	lumber 07150 -1 Bridge						Form Type		PSR				
Year Built/Year		1955/19	55				Lot No.						
Supstr	<b>.</b>	TARER					Inspector Name		Jason Rusu				
Bridge or Town	Name		0111.55.0	74444	/ATED	DO OT	Inspector Class		BR CLS A				
Located Over				.7.1.14.1, W	AIERC	KS-51	Assistant Name						
Located On		36:02 C	1 36.483				Assistant Class						
Water Body CI./							Inspection Date	Inspection Date 10-Dec-2011					
Navigabil. Cl./Year  Legal Land Location NW SEC 36 TWP 7 RGE 17 W4W					A / 4 B 4		Data Entry By	Data Entry By Erin Roberts					
3					V4IVI		Data Entry Date	:	18-Jan-2012				
Longitude, Latitude -112:11:33, 49:36:17							Reviewer Name	:	Garry Roberts				
Road Authority Alberta Transportation (AIT)							Review Date		26-Dec-2011				
Contract Main.		CMA24					Dept. Reviewer Name Tim Davies						
Clear Roadway/	Skew	9.1 /	10 (1)				Dept. Review Date		23-Jan-2012	2			
AADT/Year		840 / 20	` '				Follow-Up By						
Road Classificat		RAU-21	1.8-110				_						
Detour Length (I		20		Se	mi		Trair			> On Critic	eal Snane		
Allowable Load	(1). 311	igie			1111		ITali	<u> </u>			>Critical M	al Member	
Design Loading:		HS	20								> Primary	Span	
Required Load F	Poetino	ı (t)		Single	Р	osting li	nformation Semi			Truck	/ Train		
Posted Loading	Required Load Posting (t) Single						Semi			Truck Train Truck Train			
Posted:	Lane	Single At June			(V/NI)	No			No			No	
Posted:	Lane	SB				idge (Y/N)	No						
Posted: Lane SB At Junction (Y. Remarks Not required						INO	III Advance	(1/11)	INO	אני טו	iuge (1/14)	INO	
Hazard Marker At Bridge (Y/N) No													
Remarks													
Other Sign Types Hill, curve, narrow brid			oridae. b	ridae ice	 es.								
							Located at)						
Utility Attachme	nts					·	· ·						
Telephone							Gas						
Power	1+2W	200m S	outh				Municipal						
Others							Problem (Y/N)	No					
Remarks													
						Approa	ch Road						
					Last	Now	Explanation of Condition						
Horizontal Align					5	5	Steep hill winding down both sides with bridge on a curve.						
Vertical Alignme	nt				5	5	with bridge on a	curve.	•				
Roadway Width	` ,		10.600										
Approach Bump					5	5							
Guardrail (Y/N) Yes					Broken Post @	SW							
Guardrail					3	3							
Length (m)			60.000										
Current Standard (Y/N) No					Not thriebeam								
Termination T	уре		Turned	Down									
Drainage					7	7							
Approach Road General Rating					5	5							

					Supers	tructure				
Bridge Com	ponent					Explanation of Condition				
(Primary Spa 18.3-18.3-18	n : <b>PJ, 25 Sp</b> a .3-18.3-18.3-1	ans, Lengths( 8.3-18.3, A-Id	m): 18.3-18.3 ent Number:	·18.3-1	8.3-18.	3-18.3-18.3-18.3-18.3-18.3-18.3-18.3-18.				
Special Feat	ures									
Special Feature					X					
(Type:)										
Special Feat	Special Feature									
(Type:)										
Wearing Surface/Deck Top Detail Ratings										
	N (%)	1 (%)	2 (%)	3 (%)						
Last	0	0	0		0					
Now	0.0	0.0	0.0		0.0					
Wearing Surf	ace			4	5					
(Material T	ype : <b>ACP</b> )									
(Thickness	` , ,									
Lateral Conn (Y/N)	ection Problen	n No								
Deck Top	Deck Top				N					
Deck Rideab	Deck Rideability									
Deck Joints				3	3	50% gravel filled				
Temperatu	re (deg. C)	-5				Tear in P2, P7, P13, P16, P23, P5, P10, P15, P19, P21, P23				
(Expansion	Type : <b>GLAN</b>	D (WABO-MA	UER, TRANS	FLEX,	ETC))					
(Fixed Type	e:)									
Gap Size (ı	mm)	Gap L	ocation			Tear in P24 through to bottom of Gland				
82 S. abut						Teal III 24 though to bottom of Gland				
95		Pier 6								
104		Pier 1	3							
90		Pier 1	8							
84		N. abı	ut							
Deck Drainag				5	5					
Drains Clog		No		3						
Curbs/Media				4	4	Random vertical shrink cracks-minor scaling				
	: Standard)					Exposed rebar @ S-2&22 and spans 14, 15, 21, 23 at West				
	ercent Area)	2								
Bridge Rail		_		3	3	10% ends of rails cracked or partial spall.				
	EEL BRIDGE	TUBE)			U	Has retro rail in front of concrete bridge rail.				
Bridge Rail P		<del>-</del> /		5	5	Retro fit rail is good Concrete rail detached @ S2 West side				
	(Type: POST STEEL; POST STEEL)					1				
Bridge Rail/Posts Coating					5					
(Type:)						1				
Sidewalk										
Girder Detail	Ratings									
	N (count)	1 (count)	2 (count)	3 (count)		4 girders per span				
Last	84	0	0		0					
Now	84	0	0		0					

			Supers	tructure				
Bridge Component		Last	Now	Explanation of Condition				
(Primary Span : <b>PJ</b> , <b>25 Spans</b> , <b>L 18.3-18.3-18.3-18.3-18.3-1</b>	.engths(m): 18.3-18.3- 3.3, A-Ident Number: )	18.3-1	8.3-18.3	3-18.3-18.3-18.3-18.3-18.3-18.3-18.3-18.				
Girders		N	N	Only end spans & random fascia girders seen. Rating this inspection				
Cracking (Y/N)	acking (Y/N) Yes			is "N". Random viewed girders have vertical				
Spalling (Percent Area) 0				cracks in ends - up to 2mm wide				
(Number Of Girders : 100)				4 rating of those seen @ ext 1994 level 2 report would rate girders				
				3 due to interior girder cracks Based on end vertical cracks in girders of that insp				
Diaphragms/Cross Frame		N	N	Ones that are visible are good.				
Bearings		5	5	Abuts have steel sliding plates.				
Temperature (deg. C)	-4			only end span seen				
(Expansion Type : STEEL SLII PLATE IN BETWEEN;REINFO	DING PLATES WITH B DRCED PAD BEARING	SRONZ	ĽE	Piers steel plate with neoprene.				
(Fixed Type : )								
Coating Adequate (Y/N)	Yes							
Functioning (Y/N)	Yes							
Deck Underside		N	N	Deck visible from shore is rated 6.				
Stains (Percent Area)	2			Efflorescence @span 1&25 @ underside				
Span Alignment Problems								
Vertical (Y/N)	No							
Horizontal (Y/N)	No							
Superstructure General Rating		3	3	GR carried forward.				
			Subst	ructure				
Bridge Component		Last	Now	Explanation of Condition				
Abutments								
Bearing Seats/Caps		5	5					
(Type : CONCRETE)								
Backwalls/Breastwalls		5	5					
Wingwalls		6	6					
Piles		N	N					
Paint/Coating		Х	Х					
Abutment Stability		7	7					
Scour/Erosion		8	8					
Piers/Bents								
(Type : PIER-COLUMN)				End 4 piers seen up close - 7 rating.				
Bearing Seats/Caps		N	N					
(Type : CONCRETE)								
(Total Number of Bearing Piles :								
Ò:0:0:0:0:0:0:0:0:0:0:0:0:ŏ:0:0:0:0	D:0:0:0:0:0:0)							
Pier Shaft/Piles		N	N					
Bracing/Struts/Sheathing		X	X					
Nose Plate		X	X					
Paint/Coating		X	X					
(Colour Description : )								
(Colour Code : )								
Pier Stability		N	N					

Substructure											
Bridge Component		Last	Now	Explanation of Condition							
Scour			N	Submerged and water too deep to see							
Debris (Y/N)	) No										
Substructure General Rating			5	GR carried forward							
		re Usage									
			Now	Explanation of Condition							
Channel											
(U/S Direction : E)			(Some class 3 mixed in) - submerged								
(D/S Direction : W)											
Alignment		9	9								
Bank Stability			7								
HWM (m below Top of Curb)				None visible.							
Drift (Y/N)	No										
Slope Protection		8	8								
(Type: RIP RAP; RIP RAP)											
Guidebank/Spurs		Х	Х								
Adequacy of Opening			9								
(Fish Compensation Measure 1	: NONE)										
(Fish Compensation Measure 2	: NONE)										
Channel General Rating		8	8								

07150 -1 Bridge

Bridge Inspection & Maintenance System (Web 2005)

				Maintenanc	e Recommend	lations					
Inspector Recommendations		Year Inspector Comments				Department Comr	ments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL		2012	Replace concrete rail West @ S2								
GALVANIZE/PAINT BRIDGE RAIL											
SEAL CURBS											
PATCH DECK											
SEAL DECK											
OVERLAY DECK											
REPAIR/REPLACE DECK JOINTS		2012	Patch joints at pier 2, 7, 13, 16, 23, 24 15, 19, 21								
RESET/ PAINT BEARINGS											
WASHING											
SHOTCRETE REPAIRS											
REPAIR ABUTMENT SCOUR/EROSIG	NC										
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
OTHER ACTION		2012	Install all	l 4 hazard boards							
OTHER ACTION		2012	Replace	post @ SW Guardrail							
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/No. (%)	ow)	44.4/44.	4	Sufficiency Rating (L (%)	ast/Now)	52.8/52.2	Est. Repl. Yr	2020	Maint. Red	qd. (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 Tom 0		om Carey			Previous	Assistant's Name					
		-2013			Previous	us Inspection Date 24-Jun-2010					
Inspection Cycle (Default) (months) 21							·				
Comment											