	:	Brid <u>ge Ir</u>	spection					
70116 -1 Bridge			Form Type		PCS			
1970/1970			Lot No.		2			
			Inspector Name		- Kris Bosters			
e DARWELL			Inspector Class		BR CLS A			
STURGEON RIVER, 6.65,	WATERCF	79-97 T2-29			Brian Cote			
633:02 C1 19.165			Assistant Class					
			Inspection Date		20-Jul-2012			
			Data Entry By		Theresa Lacusta			
NW SEC 13 TWP 54 RGE	5 W5M		Data Entry Date		13-Aug-2012			
-114:36:46, 53:40:02		Reviewer Name			Eric Carcou			
Alberta Transportation (AIT	)		Review Date		31-Jul-2012	<u>`</u>		
CMA12		Dept. Reviewer Name				k		
/ 10 /			Dept. Review Da		16-Aug-201			
440 / 2011 (A)			Follow-Up By		10-Aug-2012	<u></u>		
RCU-209-110			голом-ор ву					
8								
ingle CS1 30 GIRDER		S2 52 IRDER			3 75 RDER	> On Criti >Critical M	> On Critical Spans >Critical Member	
Design Loading: HS20						> Primary	> Primary Span	
	Po	osting Ir	nformation					
ng (t) Single			Semi			Truck Train		
Single			Semi	Semi		Truck Train		
e EB At Juncti	At Junction (Y/N)		In Advance	n Advance (Y/N)		At Bridge (Y/N)	No	
e WB At Juncti	tion (Y/N)	No	In Advance	(Y/N)	No	At Bridge (Y/N)	No	
dge (Y/N) Yes								
Incorrectly install	led to 1st g	uardrail	post off bridge.					
File tag installed	on both ca	ps.						
	Ut	tilities (L	ocated at)					
th r/w.			Gas					
		Municipal						
			Problem (Y/N) No					
		Approa	ch Road					
	Last		Explanation of	Condi	tion			
	6	6	Horizontal curve 100m East. Field entrance at NE & SE. Loc				E. Looking	
	7	7	North, pasisng b	North, pasisng both directions.				
10.000			Slight bump @ b	ooth ab	utments.			
	5	5						
Yes			Insufficient lengt	h.				
	5	5						
11.400		-	1					
			-					
Turn Down								
Turn Down	N	6						
11.400 Y/N) No	5	5	Insufficient lengt	h.				

Bridge Rail Posts       3       3       3       3         (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)       7       7         Bridge Rail/Posts Coating       7       7         (Type : GALVANIZED)       7       7         Sidewalk       X       X         Girder Detail Ratings       X       X         Image: State St							Supers	tructure					
Special Features         X           Crype : )         X           Maring Surface/Dack Top Datail Ratings         X           Now         1         2(%)         3 (%)           Material Type : ACP'         K         Wearag Surface         5         4           Material Type : ACP         Y         5         4         New areas of ACP where girders replaced.           Lateral Connection Problem (YN)         Yes         5         4         5           Deck Rideability         Yes         7         7         7           Deck Joints         No         ACP covered.         Sealing (Percent Area)         5           Deck Joints         Yes         5         Deck data are consisting strateging s	Bridge Com	ponent				Last	Now	Explanation of Condition					
Special Feature         x           (Type :)         x           (Macing SurfaceDeck Top Detail Ratings         x           Now         1 (%)         1 (%)         3 (%)           Now         x         x           Wearing Surface         xCP (%)         x           Midateial Type : ACP)         x         x           (Material Type : ACP)         x         x           Deck Rideability         Yes         x         x           Deck Drainage         x         x         x           Curbs/Mediant         x         x         x           Curbs/Mediant         x         x         x           Sealing (Parcet Area)         x         x         x           Sidewalk         x         x         x           Sidewalk         x         x         x           Sidewalk         x         x         x           Sidewalk         x         x         x	(Primary Spa	an : <b>HC, 3 Spar</b>	ns, Le	ngths(ı	n): 8.5-8.5-8.	5, A-Ide	nt Nun	nber: )					
Type : )       Special Feature       X         Special Feature       X         Type : )       V         Wearing Surface/Deck Top Detail Ratings       V         N (%)       1 (%)       2 (%)         Last       N         Now       V         Wearing Surface/Deck Top Detail Ratings       V         (Material Type : ACP)       Vea         (Thickness(mm) : 50)       Latral Connection Problem       Yes         Veal       5         Deck Rideability       Yes         Deck Rideability       Yes         Deck Rideability       N         No       ACP covered.         Bump (Y/N)       No         Deck Joints       N         Curbs/Median       4       5         ClassRideability       T       7         Deck Joints       No       Deteriorating curb fascial at piers.         Curbs/Median       4       5         Deck Ride Rail       7       7         Type : GALVANIZED STEEL FLEX BEAM       Sarchor nuts and washers missing North rail & 4 South rail - phot South side).         Sidewalk       X       X         Girder Staft Ratings       Sarchor nuts and washers missing North rail & 4 South ra	Special Feat	ures											
Type : )       Special Peature       X         Special Peature       X         Waaring Surface/Deck Top Detail Ratings       V         Now       1 (%)       2 (%)         Now       V         Wearing Surface/Deck Top Detail Ratings       V         Now       V       V         Now       V       V         Now       V       V         Now       V       V         Chickness(mn) : 50)       Lateral Connection Problem       Yes         Chickness(mn) : 50)       Vestore and the easy of ACP where girders replaced.         Lateral Connection Problem       Yes         Chickness(mn) : 50)       T       7         Deck Top Deck Top Deck Top No       Yes         Deck Joints       N       N         Deck Joints       N       N         Curbs/Median       4       5         Deck Gale Rail       7       7         Cype : GALVANIZED STEEL FLEX BEAM)       Sonchor nuts and washers missing North rail & 4 South rail - phot         Sidewalk       X       X         Girder Detail Ratings       Sonchor nuts and washers missing North rail & 4 South rail - phot         Starting (Propect Area)       2       Sonchor nuts and was	Special Feat	ure					Х						
Special Feature     Image: Special Feature     Image: Special Feature     Image: Special Feature       (Type: J     1 (%)     2 (%)     3 (%)     Image: Special Feature       New local Feature     1 (%)     2 (%)     3 (%)     Image: Special Feature       New local Feature     2 (%)     3 (%)     Image: Special Feature     Image: Special Feature       Material Type: ACP)     1 (%)     2 (%)     3 (%)     Image: Special Feature       (Thickness(mn): 50)     Image: Special Feature     Image: Special Feature     Image: Special Feature       (Thickness(mn): 50)     Image: Special Feature     Image: Special Feature     Image: Special Feature       Deck Rideability     Yes     Image: Special Feature     Image: Special Feature       Deck Joints     Image: Special Feature     Image: Special Feature     Image: Special Feature       Deck Joints     Image: Special Feature     Image: Special Feature     Image: Special Feature       Order Special Feature     Image: Special Feature     Image: Special Feature     Image: Special Feature       Special Feature     Image: Special Feature     Image: Special Feature     Image: Special Feature       Curb Type: Standard)     Image: Special Feature     Image: Special Feature     Image: Special Feature       Standard (Pature Einthere     Image: Special Feature     Image: Special Feature <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>													
Image: Crype : Junct Crype : Coll Crype : Cryp		ure					Х						
Meaning Surface/ Tope Fool     Tope Surface/ Sur													
N (%)         1 (%)         2 (%)         3 (%)           Last         Now         1         2         3 (%)         4           Now         2 (%)         3 (%)         4         5         4           Wearing Surface         Yes         5         4         New areas of ACP where girders replaced.           Unickness(mm): 50)         Yes         7         7         7           Dack Top         Yes         7         7         7           Deck Joints         No         ACP covered.         Deck drains adequate but is causing gully on A2 headslope.           Drains Clogged (Y/N)         No         A         ACP covered.         Deck drains adequate but is causing gully on A2 headslope.           Drains Clogged (Y/N)         No         A         ACP covered.         Deck drains adequate but is causing gully on A2 headslope.           Drains Clogged (Y/N)         No         A         A         S         Deck drains adequate but is causing gully on A2 headslope.           Bridge Rail         Cartor Mrael         10         Deck drains adequate but is causing gully on A2 headslope.         South side).           Grade Rail/Posts Coaling         T         7         7         7         7           Gridge Rail/Posts Coaling         1		ace/Deck Top	Detail	Rating	2								
Last Now         Image						3 (%)							
Now         Image         I	Last		1 (70)					-					
Wearing Surface       5       4         (Material Type: ACP)          (Thickness(m)): 50)          Lateral Connection Problem       Yes         Deck Top       4       5         Deck Rideability       7       7         Deck Rideability       7       7         Deck Rideability       7       7         Deck Rideability       7       7         Deck Drainage       4       5         Deck Rideability       No       ACP covered.         Deck Ioninage       4       5         Deck Rideability       No													
(Material Type : ACP)       Image Status       New areas of ACP where girders replaced.         (Thickness(mm) : 50)       Image Status	-	faco				Б	4	Wide medium cracks at apphalt in every airderigint in travel lange					
Inickness(mm) : 50)         Iterate and connection Problem         Yes         Yes           Lateral Connection Problem         Yes         Iterate and connection Problem         Yes           Deck Top         Iterate and connection Problem         Yes         Iterate and connection Problem           Deck Rideability         Iterate and connection Problem         Yes         Yes           Deck Joints         N         N         ACP covered.           Bump (YN)         No         Iterate and connection problem         Yes           Deck Joints         No         ACP covered.           Bump (YN)         No         Iterate and connection problem           Deck drains adequate but is causing gully on A2 headslope.         Deck drains adequate but is causing gully on A2 headslope.           Drains Clogged (Y/N)         No         Iterate and connection problem         Sech drains adequate but is causing gully on A2 headslope.           Clubs/Median         Iterate and connection problem         Yes         Sech drains adequate but is causing gully on A2 headslope.           Scaling (Percent Area)         Iterate and connection problem         Sech drains adequate but is causing gully on A2 headslope.           Stadge Rail Posts         T         T         Double layer.           Stadge Rail/Posts Coating         T         T						5	4						
Lateral Connection Problem       Yes       Image: Second								New areas of ACP where girders replaced.					
(Y/N)          4         5           Deck Top         7         7         7           Deck Rideability         N         N         N           Deck Joints         N         N         N           Bump (Y/N)         No          Deck drains adequate but is causing gully on A2 headslope.           Drains Clogged (Y/N)         No          Deck drains adequate but is causing gully on A2 headslope.           Curbs/Median         4         5         Deck drains adequate but is causing gully on A2 headslope.           Curbs/Median         4         5         Deck drains adequate but is causing gully on A2 headslope.           Siding (Percent Area)         0         Deck drains adequate but is causing gully on A2 headslope.           Fridge Rail         5         Deck drains adequate but is causing gully on A2 headslope.           Type : GALVANIZED STEEL FLEX BEAM)         5         Sanchor nuts and washers missing North rail & 4 South rail - phote Street.           Bridge Rail/Posts Coating         7         7         7           (Type : GALVANIZED POST STEEL;GALVANIZED         3         3           Sidewalk         X         X         X           Girder Detail Ratings         X         X         X           Girder Detail Rating	<b>`</b>		_	V				-					
Deck Top     4     5       Deck Rideability     7     7       Deck Joints     N     ACP covered.       Bump (YN)     No     ACP covered.       Deck Joints Clogged (YN)     No     Deck drains adequate but is causing gully on A2 headslope.       Drains Clogged (YN)     No     Deck drains adequate but is causing gully on A2 headslope.       Drains Clogged (YN)     No     Deteriorating curb fascial at piers.       Curbs/Median     10     Deteriorating curb fascial at piers.       Gride Rail     7     7     7       Type : GALVANIZED STEEL FLEX BEAM     5     anchor nuts and washers missing North rail & 4 South rail - phot       Bridge Rail Posts     3     3     3       (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST     5       Bridge Rail/Posts Coating     7     7       T(Type : CALVANIZED DOST STEEL;GALVANIZED POST     5       Stewalk     X     X       Grider Detail Ratings     5     5       Griders     3     5       Spalling (Percent Area)     2     2       Statt Complete Inspection Date     20-Ju-2011     5       Cracking (YN)     Yes     7     7       Spalling (Percent Area)     2     5       Spalling (Percent Area) <td></td> <td>ection Problem</td> <td>า</td> <td>res</td> <td></td> <td></td> <td></td> <td></td>		ection Problem	า	res									
Deck Rideability         N         N         N         ACP covered.           Bump (Y/N)         No         N         ACP covered.         N         ACP covered.           Bump (Y/N)         No         ACP covered.         ACP covered.         N         ACP covered.           Deck Drainage         4         5         Deck drains adequate but is causing gully on A2 headslope.           Drains Clogged (Y/N)         No         4         5         Deck drains adequate but is causing gully on A2 headslope.           Curbs/Median         4         5         Deck drains adequate but is causing gully on A2 headslope.           Scaling (Percent Area)         10         5         Deck drains adequate but is causing gully on A2 headslope.           Type : GALVANIZED STEEL FLEX BEAM)         5         Sanchor nuts and washers missing North rail & 4 South rail - phot (South side).           Grade Rail Posts         7         7         7           Type : GALVANIZED OST STEEL;GALVANIZED POST STEEL;GALVANIZED POST         5         Sanchor nuts and washers missing North rail & 4 South rail - phot (South side).           Gider Bail Ratings         X         X         X         Sanchor nuts and washers missing North rail & 4 South rail - phot (South side).           Gider Detail Ratings         X         X         X         Sanchor nuts and washers missin						4	5						
Deck Joints         No         N         A         ACP covered.           Bump (VN)         No         ACP covered.         ACP covered.           Deck Drains Clogged (V/N)         No         ACP covered.         ACP covered.           Deck Drains Clogged (V/N)         No         ACP covered.         ACP covered.           Drains Clogged (V/N)         No         ACP covered.         Deck drains adequate but is causing gully on A2 headslope.           Curbs/Median         4         5         Deteriorating curb fascial at piers.           (Curb Type : Standard)         Saing (Percent Area)         10         Double layer.           Scalang (Percent Area)         3         3         3           Bridge Rail Posts         Saintor nuts and washers missing North rail & 4 South rail - phot (South side).           (Type : GALVANIZED POST STEEL;GALVANIZED POST POST POST						-							
Deck Joints         No         N         A         ACP covered.           Bump (VN)         No         ACP covered.         ACP covered.           Deck Drains Clogged (V/N)         No         ACP covered.         ACP covered.           Deck Drains Clogged (V/N)         No         ACP covered.         ACP covered.           Drains Clogged (V/N)         No         ACP covered.         Deck drains adequate but is causing gully on A2 headslope.           Curbs/Median         4         5         Deteriorating curb fascial at piers.           (Curb Type : Standard)         Saing (Percent Area)         10         Double layer.           Scalang (Percent Area)         3         3         3           Bridge Rail Posts         Saintor nuts and washers missing North rail & 4 South rail - phot (South side).           (Type : GALVANIZED POST STEEL;GALVANIZED POST POST POST	Deck Rideab	ility				7	7						
Bump (Y/N)       No       Vo         Deck Drainage       4       5       Deck drains adequate but is causing gully on A2 headslope.         Drains Clogged (Y/N)       No       Vo       Voltant Status Stat		•											
Deck Drainage       4       5       Deck drains adequate but is causing gully on A2 headslope.         Drains Clogged (Y/N)       No       A       5         Curbs/Median       4       5         (Curb Type : Standard)       Scaling (Percent Area)       10         Bridge Rail       7       7         (Type : GALVANIZED STEEL FLEX BEAM)       3       3         Bridge Rail       7       7         Type : GALVANIZED POST STEEL;GALVANIZED POST       5 anchor nuts and washers missing North rail & 4 South rail - phote (South side).         Bridge Rail/Posts       3       3         Type : GALVANIZED POST STEEL;GALVANIZED POST       5 anchor nuts and washers missing North rail & 4 South rail - phote (South side).         Stewalk       X       X         Girder Detail Ratings       7       7         Isat       2       2         Now       2       Some griders have been replaced.         Now       2       Some grider shave been replaced.         Girders       3       5         Last Complete Inspection Date       20-Jul-2011       20         Grider Recent Area)       2       2         Spalling (Percent Area)       2       2         Spalling (Percent Area)       2	Deck Joints					N	N	ACP covered.					
Drains Clogged (Y/N)       No         Curbs/Median       4       5         (Curb Type : Standard)       5         Scaling (Percent Area)       10         Bridge Rail       7       7         (Type : GALVANIZED STEEL FLEX BEAM)       5         Bridge Rail Posts       3       3         (Type : GALVANIZED OST STEEL;GALVANIZED POST       5         Bridge Rail/Posts Coating       7       7       7         (Type : GALVANIZED)       7       7       7         Sidewalk       X       X       X       X         Girder Detail Ratings       2       5       Some griders have been replaced.         Now       20-Jul-2011       2       5       Some griders have been replaced.         Girders       3       5       5       Drift pin popout (G2.3.4.5.7.10.11.12)in 8 girder ends east abut, 2 girder ends (G3G4) west abut. Middle span not accessible viewed from S1 & S3. Limited girder brg on cap (100mm) in span 2 over b pier in WBL.         Gracking (Y/N)       Yes       9       9       9       9         Last Complete Inspection Date       20-Jul-2011       2       9       9       9       9	Bump (Y/N	)		No									
Curbs/Median       4       5       Deteriorating curb fascial at piers.         Curbs/Median       10	Deck Draina	ge				4	5	Deck drains adequate but is causing gully on A2 headslope.					
Curbs/Median       4       5       Deteriorating curb fascial at piers.         Curbs/Median       10	Drains Clo	gged (Y/N)		No									
(Curb Type : Standard)       10         Scaling (Percent Area)       10         Bridge Rail       7       7         (Type : GALVANIZED STEEL FLEX BEAM)       5 anchor nuts and washers missing North rail & 4 South rail - phote (South side).         Bridge Rail Posts       3       3         (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST       5 anchor nuts and washers missing North rail & 4 South rail - phote (South side).         Bridge Rail/Posts Coating       7       7         (Type : GALVANIZED)       7       7         Sidewalk       X       X         Girder Detail Ratings       2       5         Mow       1 (count)       2 (count)       3 (count)         Last       2       2         Now       2       5         Girders       3       5         Last Complete Inspection Date       20-Jul-2011       5         Cracking (Y/N)       Yes       2       2         Spalling (Percent Area)       2       2         Uff or Connector Pocket Grouted (Y/N)       Yes       2         Girders : 36)       Spalled grider ends in leg precast cantilevered over West abuttment 100mm. Spalled girder ends above piers on curb facias.         Retro fit						4	5	Deteriorating curb fascial at piers.					
Scaling (Percent Area)       10         Bridge Rail       7       7         (Type : GALVANIZED STEEL FLEX BEAM)       5 anchor nuts and washers missing North rail & 4 South rail - phote (South side).         Bridge Rail Posts       3       3         (Type : GALVANIZED POST STEEL;GALVANIZED POST													
Bridge Rail       7       7       7       Double layer.         (Type : GALVANIZED STEEL FLEX BEAM)       5       anchor nuts and washers missing North rail & 4 South rail - phote (South side).         Bridge Rail Posts       3       3         (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST       5         Bridge Rail/Posts Coating       7       7         (Type : GALVANIZED)       7       7         Sidewalk       X       X         Girder Detail Ratings       3       3         N (count)       1 (count)       2 (count)       3 (count)         Girders       3       5       Drift pin popout (G2,3,4,5,7,10,11,12)in 8 girder ends east abut, 2 girder ends (G3G4) west abut. Middle span not accessible viewed from S1 & S3. Limited girder brg on cap (100mm) in span 2 over b pier in WBL.         Grouted (Y/N)       Yes       Precast cantilevered over West abutment 100mm. Spalled girder ends above piers on curb facias.         Grouted (Y/N)       No       Yes       Retro fit repairs to connector pockets on S3photo         Span Alignment Problems       Vertical (Y/N)       No         Vertical (Y/N)       No       No				10				-					
(Type : GALVANIZED STEEL FLEX BEAM)       5 anchor nuts and washers missing North rail & 4 South rail - phote (South side).         Bridge Rail Posts       3 3         (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)       5 anchor nuts and washers missing North rail & 4 South rail - phote (South side).         Bridge Rail/Posts Coating       7 7         (Type : GALVANIZED)       7         Sidewalk       X       X         Girder Detail Ratings       X       X         I (count)       1 (count)       2 (count)       3 (count)         Last       2       2         Now       2       2         Girders       3 5       5         Last Complete Inspection Date       20-Jul-2011       5         Cracking (Y/N)       Yes       2         Lift or Connector Pocket       2       2         Grouted (Y/N)       Yes       2         Vertical (Y/N)       No       8       Retro fit repairs to connector pockets on S3-photo         Span Alignment Problems       No       4       4         Vertical (Y/N)       No       4       4				10		7	7	Daubla lavar					
Bridge Rail Posts     3     3     3       (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)     7     7       Bridge Rail/Posts Coating     7     7       Girder Detail Ratings     X     X       Image Rail/Posts Coating     1     2       Sidewalk     X     X       Girder Detail Ratings     2       Image Rail/Posts     2       Some griders have been replaced.       Some griders have been replaced.       Some griders have been replaced.       Girder Stating (Y/N)     2       Carcking (Y/N)     Yes       Carcking (Y/N)     Yes       Carcking (Y/N)     Yes       Carcking (Y/N)     2       Yertical (Y/N)     No       Yertical (Y/N)     No       Yertical (Y/N)     No						<b>/</b>	1						
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)       7       7         Bridge Rail/Posts Coating       7       7         (Type : GALVANIZED)       5       5         Sidewalk       X       X         K       X       X         Girder Detail Ratings       2         Now       2       2         Now       2       2         Some griders have been replaced.       2         Girders       3       5         Last Complete Inspection Date       20-Jul-2011         Cracking (Y/N)       Yes       2         Spalling (Percent Area)       2         Spalling (Percent Area)       2         Vertical (Y/N)       No         (Number Of Girders : 36)       S         Span Alignment Problems       Vertical (Y/N)         Vertical (Y/N)       No         Horizontal (Y/N)       No	· · · ·		EELF	-LEX B				5 anchor nuts and washers missing North rail & 4 South rail - photo					
STÉEL)         Bridge Rail/Posts Coating       7       7         (Type : GALVANIZED)       7       7         Sidewalk       X       X       X         Girder Detail Ratings       X       X       X         Image: N (count)       1 (count)       2 (count)       3 (count)         Last       N (count)       1 (count)       2 (count)       3 (count)         Some griders have been replaced.       Some griders have been replaced.       Some grider ends east abut, 2 grider ends east abut, 2 grider ends (G3G4) west abut. Middle span not accessible viewed from S1 & S3. Limited grider brg on cap (100mm) in span 2 over b pier in WBL.         Gracking (Y/N)       Yes       Yes       P2 WBL) spalled grdr end @ S3G1. Hairline flexural cracks in leg precast cantilevered over West abutment 100mm. Spalled girder ends above piers on curb facias.         Retro fit repairs to connector Pocket       Image: Search (Y/N)       Retro fit repairs to connector pockets on S3photo         Yertical (Y/N)       No       No       Retro fit repairs to connector pockets on S3photo         Yertical (Y/N)       No       Image: Search (Y/N)       No						-	3						
Bridge Rail/Posts Coating       7       7         (Type : GALVANIZED)       Sidewalk       X       X         Sidewalk       X       X       X         Girder Detail Ratings       X       X       X         M (count)       1 (count)       2 (count)       3 (count)       Some griders have been replaced.         Last       Image: Complete Inspection Date       2 (count)       3 (count)       Some griders have been replaced.         Girders       2       Image: Complete Inspection Date       20-Jul-2011       Some grider ends (G3G4) west abut. Middle span not accessible viewed from S1 & S3. Limited girder on accessible viewed from S1 & S3. Limited girder on accessible viewed from S1 & S3. Limited girder on accessible viewed from S1 & S3. Limited girder on accessible viewed from S1 & S3. Limited grider end @ S3G1. Hairline flexural cracks in leg: precisar cantilevered over West abutment 100mm. Spalled girder ends above piers on curb facias.         Grouted (Y/N)       No       Retro fit repairs to connector pockets on S3-photo         Grouted (Y/N)       No       Retro fit repairs to connector pockets on S3-photo         Vertical (Y/N)       No       Image: Second state s		LVANIZED PC	515	TEEL;G	GALVANIZED	POST							
(Type : GALVANIZED)         Sidewalk         X       X         Girder Detail Ratings         N (count)       1 (count)       2 (count)         Last       2         Now       2         Girders       3         Last Complete Inspection Date       20-Jul-2011         Cracking (Y/N)       Yes         Spalling (Percent Area)       2         Lift or Connector Pocket       2         Grouted (Y/N)       Vertical (Y/N)         Number Of Girders : 36)       Span Alignment Problems         Vertical (Y/N)       No         Vertical (Y/N)       No		Posts Coating				7	7						
Sidewalk       X       X       X         Girder Detail Ratings       I (count)       1 (count)       2 (count)       3 (count)         Last       2       Some griders have been replaced.         Now       2       Some griders have been replaced.         Girders       3       5       Drift pin popout (G2,3,4,5,7,10,11,12)in 8 girder ends east abut, 2 girder ends (G3G4) west abut. Middle span not accessible viewed from S1 & S3. Limited girder brg on cap (100mm) in span 2 over b pier in WBL.         Cracking (Y/N)       Yes       Pres       Precast cantilevered over West abutment 100mm. Spalled girder ends above piers on curb facias.         Retro fit repairs to connector pockets on S3photo       Span Alignment Problems       Retro fit repairs to connector pockets on S3photo         Vertical (Y/N)       No       No       No       No	ŭ	v											
Girder Detail Ratings       I (count)       1 (count)       2 (count)       3 (count)       Some griders have been replaced.         Last       Image: Image						Y	v						
N (count)       1 (count)       2 (count)       3 (count)	Sidewalk												
N (count)       1 (count)       2 (count)       3 (count)	Girder Detail	Ratings											
Last       Image: Construct of the system of t			1 (co	unt)	2 (count)	3 (cou	int)						
Now       Image: Construct of the system of th	Last							Some griders have been replaced.					
Girders       3       5       Drift pin popout (G2,3,4,5,7,10,11,12)in 8 girder ends east abut, 2 girder ends (G3G4) west abut. Middle span not accessible viewed from S1 & S3. Limited girder brg on cap (100mm) in span 2 over b pier in WBL.         Cracking (Y/N)       Yes       Pier in WBL.         Spalling (Percent Area)       2       Pier in WBL.         Lift or Connector Pocket Grouted (Y/N)       Pier in WBL.       Pier on curb facias.         (Number Of Girders : 36)       Retro fit repairs to connector pockets on S3photo         Span Alignment Problems       No         Vertical (Y/N)       No								1					
Last Complete Inspection Date       20-Jul-2011       girder ends (G3G4) west abut. Middle span not accessible viewed from S1 & S3. Limited girder brg on cap (100mm) in span 2 over b pier in WBL.         Cracking (Y/N)       Yes       Pier in WBL.         Spalling (Percent Area)       2       Pier in WBL.         Lift or Connector Pocket Grouted (Y/N)       Pier in WBL.       Pier cast cantilevered over West abutment 100mm. Spalled girder ends above piers on curb facias.         Retro fit repairs to connector pockets on S3photo       Retro fit repairs to connector pockets on S3photo         Span Alignment Problems       No         Vertical (Y/N)       No         Horizontal (Y/N)       No	-				1	3	5	Drift pin popout (G2 3 4 5 7 10 11 12)in 8 girder ends east abut 2					
Cracking (Y/N)       Yes       Non Str & 33. Limited girder big on cap (100mm) in spar 2 over big precase cancel of the big on cap (100mm) in spar 2 over big precase cancel of the big on cap (100mm) in spar 2 over big precase cancel of the big on cap (100mm) in spar 2 over big precase cancel of the big on cap (100mm) in spar 2 over big precase cancel of the big on cap (100mm) in spar 2 over big precase cancel of the big on cap (100mm) in spar 2 over big precase cancel of the big on cap (100mm) in spar 2 over big precase cancel of the big on cap (100mm) in spar 2 over big precase cancel of the big on cap (100mm) in spar 2 over big precase cancel of the big on cap (100mm) in spar 2 over big precase cancel over West abutment 100mm. Spalled girder ends above piers on curb facias.         Lift or Connector Pocket       Immediate of the big on cap (100mm) in spar 2 over big precase cancel over West abutment 100mm. Spalled girder ends above piers on curb facias.         (Number Of Girders : 36)       Retro fit repairs to connector pockets on S3photo         Span Alignment Problems       Vertical (Y/N)         Vertical (Y/N)       No         Horizontal (Y/N)       No		te Inspection D	)ate	20-101	2011	0	5	girder ends (G3G4) west abut. Middle span not accessible viewed					
Spalling (Percent Area)       2       (P2 WBL) spalled grdr end @ S3G1. Hairline flexural cracks in leg. precast cantilevered over West abutment 100mm. Spalled girder ends above piers on curb facias.         Lift or Connector Pocket Grouted (Y/N)       Retro fit repairs to connector pockets on S3photo         (Number Of Girders : 36)       Retro fit repairs to connector pockets on S3photo         Vertical (Y/N)       No         Horizontal (Y/N)       No		· · · · · · · · · · · · · · · · · · ·	ale					pier in WBL. (P2 WBL) spalled grdr end @ S3G1. Hairline flexural cracks in legs precast cantilevered over West abutment 100mm. Spalled girder ends above piers on curb facias.					
Lift or Connector Pocket Grouted (Y/N)       Image: Connector Pocket Grouted (Y/N)       ends above piers on curb facias. Retro fit repairs to connector pockets on S3photo         Span Alignment Problems       Vertical (Y/N)       No         Vertical (Y/N)       No		· · · · · · · · · · · · · · · · · · ·											
Grouted (Y/N)     Retro fit repairs to connector pockets on S3photo       Span Alignment Problems     Vertical (Y/N)     No       Vertical (Y/N)     No     Image: Control of Cont				۷									
Ketro fit repairs to connector pockets on S3photo       Span Alignment Problems       Vertical (Y/N)     No       Horizontal (Y/N)     No													
Span Alignment Problems       Vertical (Y/N)     No       Horizontal (Y/N)     No	· · · · · ·					1		Retro tit repairs to connector pockets on S3photo					
Vertical (Y/N)     No       Horizontal (Y/N)     No	<u>`</u>	· · · · · ·	5										
Horizontal (Y/N) No				No									
	· · · · · ·			-									
Superstructure General Rating 3 5		· · · ·		110		2	E						
	Superstruct	ure General R	aung			3	5						

Alberta Transportation

					Subst	ructure
Bridge Comp	oonent			Last	Now	Explanation of Condition
Abutments						
(Extended I	Backwall Piles	s (Y/N) : <b>Y</b> )				
(Extended I	Backwall Piles	s Spacing(mn	n) : <b>1200</b> )			
(Total Numbe	er of Caps/Co	rbels : <b>6:7</b> )				Includes 2 short pieces on the East and 1 short piece West.
Bearing Seats	s/Caps/Corbe	ls Detail Rati	ngs			All caps have been doubled.
	N (count)	1 (count)	2 (count)	3 (coi	unt)	
Last						
Now						
Bearing Seat	s/Caps/Corbe	els		6	6	
	EATED TIMB				-	
(Depth(mm		,				
(Width(mm)	· · · · ·					-
Backwalls/Br	· · · · · · · · · · · · · · · · · · ·			7	7	B/W clamps in place.
		1 70		- 1	/	b/w clamps in place.
Greatest He	eight (m)	1.70			7	
Wingwalls				7	7	
(Total Numbe	er of Bearing I	Piles : <b>9:9</b> )				Rated only visible piles. Some of the piles are covered with dirt.
Piles Detail R						, ,
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last						
Now				-		
Piles	1			7	7	
Paint/Coating	1			X	X	
	)					
Abutment Sta	ability			7	7	
Scour/Erosion	n			4	4	Erosion gullies East abutments (A2) - photo
Piers/Bents						
	R-COLUMN)					7 caps with a short piece West (P1). P2 six with 1 short piece.
(Total Numbe		rbolc : <b>7:6</b> )				slightly. Too high to measure. Girder bearing about 100mm long for
Bearing Seats	•	· · · ·	2016			span 2 at both piers.
Dealing Seat	N (count)	1 (count)	2 (count)	3 (cou	unt)	-
Last				5 (00)	uni	-
Now				-		
Bearing Seat				4	6	-
	· · · · · · · · · · · · · · · · · · ·			4	0	
		ER)				-
(Depth(mm						-
(Width(mm)						
(Total Numbe		Piles : <b>10:10</b> )				-
Piles Detail R						-
	N (count)	1 (count)	2 (count)	3 (cou	unt)	-
Last						-
Now				_		-
Pier Shaft/Pil	es			6	6	
Greatest He	eight (m)	4.00				
Bracing/Strut	s/Sheathing			5	5	
Nose Plate				X	Х	
Paint/Coating	J			X	X	
(Colour Des						
(Colour Co						
Pier Stability	,			6	7	
i loi Otability				0	1	

## Alberta Transportation

			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Scour	Scour		7	
Debris (Y/N)	No			
Substructure General Rating		4 6		
		S	Structu	re Usage
			Now	Explanation of Condition
Channel				
(U/S Direction : N)				
(D/S Direction : S)				
Alignment		7	7	
Bank Stability		N	7	
HWM (m below Top of Curb)			1	HWM not visible.
Drift (Y/N)	Yes			Old piles
Slope Protection		4	4	Erosion on A2 headslope.
(Type : NONE; NONE)				
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1	: NONE)			
(Fish Compensation Measure 2	: NONE)			
Channel General Rating		4	4	

Alberta Transportation

		Mainte	enance Recommend	lations					
Inspector Recommendations	Year	Inspector Comments		Department Comme	Target Year	Est. Cost	Cat #		
REPAIR/REPLACE BRIDGE RAIL	2012	Install missing bridgerail p	osts A/B nuts.						
SEAL CURBS									
PATCH DECK									
OVERLAY DECK									
STRAIGHTEN/REPLACE MEMBERS									
WASHING									
SHOTCRETE REPAIRS									
CORE TIMBER CAPS/CORBELS									
REPAIR/REPLACE TIMBER CAPS									
REPAIR ABUTMENT SCOUR/EROSIO	NC								
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION									
INSTALL STRUTS									
OTHER ACTION	2012	Remove old piles in strear	n.						
OTHER ACTION	2012	Re-install hazard markers	to standard.						
OTHER ACTION									
OTHER ACTION									
OTHER ACTION Structural Condition Rating (Last/No. (%)	ow) 38.9/6	1.1 Sufficiency Rat (%)	ing (Last/Now)	61.0/69.6 E	st. Repl. Yr	2022	Maint. Rec	qd. (Y/N)	Yes
Structural Condition Rating (Last/No		1.1 Sufficiency Rat (%)	ing (Last/Now)	61.0/69.6 E Department Comments	st. Repl. Yr	2022	Maint. Rec	qd. (Y/N)	Yes
Structural Condition Rating (Last/No. (%)Special Comments for Next Inspection		1.1 Sufficiency Rat (%)	ing (Last/Now)	Department	st. Repl. Yr	<u> </u>	Maint. Rec		Yes
Structural Condition Rating (Last/No (%) Special Comments for		1.1 Sufficiency Rat (%)	ing (Last/Now)	Department Comments	st. Repl. Yr	<u> </u>			Yes
Structural Condition Rating (Last/No.(%)Special Comments for Next InspectionMonitro A2 headslopMaintenance Reviewed By		1.1 Sufficiency Rat (%)	ing (Last/Now)	Department Comments	st. Repl. Yr	<u> </u>			Yes
Structural Condition Rating (Last/No. (%)         Special Comments for Next Inspection         Maintenance Reviewed By         Proposed Long-Term Strategy		1.1 Sufficiency Rat (%)	ing (Last/Now)	Department Comments	st. Repl. Yr	<u> </u>			Yes
Structural Condition Rating (Last/No. (%)         Special Comments for Next Inspection         Maintenance Reviewed By         Proposed Long-Term Strategy         On 3-Year Program (Y/N)		(%)		Department Comments	st. Repl. Yr	<u> </u>			Yes
Structural Condition Rating (Last/No. (%)         Special Comments for Next Inspection       Monitro A2 headslop         Maintenance Reviewed By       Proposed Long-Term Strategy         On 3-Year Program (Y/N)       Proposed Action	pe	(%)	Previous	Department Comments Date	est. Repl. Yr	<u> </u>			Yes
Structural Condition Rating (Last/No.         (%)         Special Comments for Next Inspection         Maintenance Reviewed By         Proposed Long-Term Strategy         On 3-Year Program (Y/N)         Proposed Action         Previous Inspector's Name	pe Jacob Oresile	(%)	Previous	Department Comments Date Assistant's Name		<u> </u>			Yes