	_			_	_	_	_	_			_					_
Bridge Eile Number 78151 1 Bridge											DOD					
Bridge File Number 78151 -1 Bridge								Form Type		PSR						
Year Built/Year 1981/1981 Supstr								Lot No.		2						
Bridge or Town Name FT MCMURRAY					1			Dector Na			Wade Nanni	nga				
Located Over 63:11 L1 10.646;63:11 R1 10.62					10.622	322			Dector Cl			BR CLS A				
Located Over 63.11 L1 10.646,63.11 R1 10.62 Located On 14093:02 L1 0.049;14093:02 R1							3		istant Na							
Water Body CI./				, ,		. 0.0 10			istant Cl			40 Nov 0011	1			
Navigabil. Cl./Ye								· · ·	Dection D			16-Nov-2011				
Legal Land Location SE SEC 16 TWP 89 RGE 9 W4				9 W4N	4M			a Entry E	-		Lisa Fairhurs					
Longitude, Latitude -111:21:59, 56:42:52								a Entry [12-Dec-2011					
Longitude, Latitude-111:21:59, 56:42:52Road AuthorityAlberta Transportation (AIT)				IT)				iewer Na			Eric Carcoux					
Contract Main. A		CMA07			,				view Date	-		23-Nov-2011				
Clear Roadway/S	Skew	23.2 / -5	5 deg. (LH	F)					ot. Revie			Brent Herrick				
AADT/Year			2011 (E)					· ·	ot. Revie		е	19-Dec-2011				
Road Classificati								Foll	ow-Up B	by						
Detour Length (k	(m)	5														
Allowable Load (<u> </u>		1 28		Semi	CS	S2 49		1	Frain	CS	3 62		> On Criti	cal Spa	ns
														>Critical N	lember	
Design Loading:		MS	230											> Primary	Span	
				1.0.15 -			osting l									
Required Vert. C					K: 63 L′	1 5.4	n, 63 R	1 5.4	m							
Posted Vertical C			,	Yes						05	-			1		
	NB	On B	Bridge (m)	5.5	In Adva	ance	(Y/N)	Yes	Lane	SB	0	n Bridge (m)	5.5	In Advance	e (Y/N)	Yes
Remarks		(1)							a				-			
Required Load P		(t)		Single				Semi			Truck Train					
Posted Loading (Single				Semi			Truck Train					
	Lane	EB			ction (Y		No		In Advance (Y/N)		No	At Bridge (Y/N)		No		
	Lane	WB		At June	ction (Y	/N)	No	In Advance (Y/N) No At Bridge (Y/N) No								
	Not red	·														
Hazard Marker A	At Bridg	e (Y/N)	No													
Remarks			Not req			•										
Other Sign Type	S		Informa	tion sigr	ns for e		:::									
	to					Ut	ilities (l	Loca	ted at)							
Utility Attachmen	its							0-								
Telephone	2 \\/:	10/					Gas			inal Wire how under girders @ NW/ Pueted evenes			oin -			
		W row	offic list-					Municipal Wire				e box under girders @ NW. Rusted, exposing				
Others	Sireet	ngnts, tř	affic lights					Pro	blem (Y/	N)	Yes					
Remarks																
							Approa	ich R	oad							
					Last	Now	Explanation of Condition									
Horizontal Alignment					6	6	50 kph speed limit on structure and 70 kph speed limit beneath.					h.				
Vertical Alignment				7	7	Inte	sections	ร มิบเท	ends	b .						
Roadway Width	(m)		23.000													
Approach Bump						5	5	1								
Guardrail (Y/N) Yes					-	Insufficient posts. Missing 8 splice bolts @ SE - photo. NE - 36.4m radius; SE - 15.2m; NW & SW - 99m radius. Missing 14 splice bolts @ NWDamaged @ NE, NW, SW										
Guardrail				4	4											
Length (m) 15.200							5111 <u>9</u> 148	spiice	DUITS		ayed	⊎ INE, INVV,	200			
Current Standard (Y/N) No																
		,		Down												
Current Standa	/pe	Termination Type Turned Down Drainage						(Approach drainage run in hole along NW curb - photo. Void 300mm-filled with dirt 9 Mar 10)								
Current Standa Termination Ty	/pe		Turried			3	N	(Ap	proach d	Iraina	ge ru	n in hole alon	g with /	dirt - 0 Mar 1	0)	
Current Standa Termination Ty	- 	ual Dati				3 6	N 6	(Ap NW	proach d ′ curb - p	Iraina hoto.	ge rui Void	n in hole alon 300mm-filled	g with o	dirt 9 Mar 1	0)	

(fprimary Span : FM, 2 Spans, Langths(m): 28-26, A-ldent Kumber: > Special Feature × Special Feature × × (Type :) > × Special Feature × × Special Feature × × Special Feature × × Special Feature × × Vippe : X × × Wearing Sufface// Feature 1 (%) 1 (%) 0.0 0.0 Wearing Sufface// Feature 6 6 Concrete with chipseal overlay Special Feature (Material Type : CONCRETE// Thickmes/mm : S0// Thickme			1				tructure			
Special Features X Special Feature X Special Feature X Crype :) X Special Feature X (Type :) X Grader Deck Top Detail Ratings X (Type :) X (Waering Surface/Deck Top Detail Ratings Concrete with chipseal overlay (Material Type : CONCRETE) V (Yn) V N Deck Rideability Y 7 7 Deck Rideability Grad concerte Statege (min) Gap Location (Fixed Type :) Gap Location Statege (min) Gap Location 70 East abutment Statege (min) Gap Location 70 East abutment Statege (min) State	Bridge Comp	onent			Last	Now	Explanation of Condition			
Special Feature X (Type :) X Special Feature X (Type :) X Special Feature X (Type :) X (Name in Surface/Dock Top Detail Ratings 0 0.0 (Material Type : CONCETE) 6 6 (Material Type : CONCETE) K Concrete with chipseal overlay Deck Rideability No Deck grooves worn in wheelpaths. Chipseal is worn off at wheelpath next to both curbs. Deck Rideability Y 7 7 7 Deck Rideability Gap Location 7 7 7 Chead Rideability Gap Location S Gap Cocation Gap Location 70 East abutment 3 Gap Cocation Gap Location Gap Location 70 East abutment 5 5 S Scater damage (minor) at E abut, North lane, paving lip. Curb Type : Standard) Y Y 5 S Scater damage (minor) at E abut,	(Primary Spar	n : FM, 2 Spa	ns, Lengths	m): 28-26, A-	Ident Nu	umber:)			
Type :) Image: Special Feature Image: Special Feature Image: Special Feature Special Feature Image: Special Feature Image: Special Feature Image: Special Feature Wearing Surface/Deck Top Datail Ratings Image: Special Feature Image: Special Feature Image: Special Feature Now 10% 10% 20% Image: Special Feature Image: Special Feature Now 10% 0.0 0.0 Image: Special Feature Special Feature Now 10% Image: Special Feature Special Feature Special Feature Now 10% Image: Special Feature Special Feature Special Feature Now 10% Image: Special Feature Special Feature Special Feature Temperature (deg. C) -15 Image: Special Feature Special Feature Special Feature Temperature (deg. C) -15 Image: Special Feature Special Feature <t< td=""><td>Special Feat</td><td>ures</td><td></td><td></td><td></td><td></td><td></td></t<>	Special Feat	ures								
Special FeatureVX(Type : JVVVWearing Surface/Deck Top Detail Ratings2 (%)3 (%)VIso0.00.00.0VWearing Surface/Top : CONCRETE0.00.0OWearing Surface/Top : CONCRETE0.00.0OChick and the intermation of the in	Special Featu	ire				X				
Wearing Surface/Deck Top Detail Rating:Vector ProblemWearing Surface/Deck Top Detail Rating:2 (%)3 (%)1Last2 (%)3 (%)00Wearing Surface0.00.00Wearing SurfaceNo00Wearing SurfaceNo00Utarial Connection ProblemNoConcrete with chipseal overlay Deck grooves worn in wheelpaths. Chipseal is worn off at wheelpath next to both curbs.Deck RideabilityVVVDeck Rideability15777Deck Joints433Chipseal Connection ProblemGap LocationGrader damage(minor) at E abut., North Iane, paving lip.Deck JointsEast abutmentGap LocationTop East abutmentGap LocationGap LocationToEast abutmentSouth side only curbs.Beck DrainageVector Vector Vecto	(Type:)									
Weaking Durbace Leaking Towards and the set of th	Special Featu	ire				Х				
N % LastN % MI (%) MZ % MS % MLastI.5.00.00.00.0Wearing SurfaceI.5.0K.6.00.00.0Wearing SurfaceVI.5.00.00.0Marrier MSource RSource RSource RSource R(Thickness(m): S0VVSource RSource RLateral Conversion ProblemNoVSource RSource RDeck RideabilityVVVSource RCheck RideabilityVVYYDeck Rideability-15VYCheck Rideability-15YYCheck Rideability-15YYGap Size (M)Source RSource RSource R70YSource RSource RSource R70YYSource RSource R70YYYSource R70YYYSource R70YYYSource R70YYY70YY70YY70YY70YY	(Type :)									
N % LastN % II % IZ % IG % ILastIIIIINow15.00.00.0IWearing SurfaceIIG IConcrete with chipseal overlay pack grooves worn in wheelpaths. Chipseal is worn off at wheelpath next to both curbs.Ideatal ConcreteNoIILateral ConcreteNoIIDeck RideabilityVVIDeck RideabilityVVITemperature (dg. C)-15IIGespan In Trep (GLAC)-15IIGespan In Trep (GLAC)IIIGrooves worn In wheelpaths. North lane, paving lip.IIInterpretature (dg. C)-15IIGespan In Trep (GLAC)IIIGrooves worn In WheelpathsIINNNIGrooves worn In wheelpaths. North lane, paving lip.IInterpretature (dg. C)IIIGrooves worn In wheelpaths. North lane, paving lip.IInterpretature (dg. C)IIIInterpretature (dg. C)III <td></td> <td>ace/Deck Top</td> <td>Detail Rating</td> <td>IS</td> <td></td> <td></td> <td></td>		ace/Deck Top	Detail Rating	IS						
Now15.00.00.00.0Wearing Surface0.00.00.0(Material Type : CONCRETECONCRETEConcrete with chipseal overlay(Material Type : CONCRETEVVLateral Connection ProblemNoVDeck RideabilityVVDeck RideabilityVVDeck RideabilityVYTemperature (deg. C)154115V(Expansion Type : GAND (WABO-MAUER, TRANSTEX, ETCH) (Fixed Type :)Gap Location70East abutmentV70East abutmentV70East abutmentV70PierV70Y </td <td></td> <td></td> <td></td> <td></td> <td colspan="2" rowspan="2">3 (%)</td> <td></td>					3 (%)					
Wearing Surface 6 6 6 Concrete with chipseal overlay (Material Type : CONCRETE) Image: Concrete with chipseal overlay Deck grooves worn in wheelpaths. Chipseal is worn off at wheelpath next to both curbs. Lateral Connection Problem (Y/N) No N N Deck Rideability 7 7 7 Deck Joints 4 3 Grader damage(minor) at E abut., North Iane, paving lip. Leaking onto E abutment (deg. C) 15 Image: Concrete with chipseal overlay Gap Size (mm) Gap Location Gap Location 70 East abutment Image: Concrete with chipseal overlay 100 West abutment Image: Concrete with chipseal overlay 100 West abutment Image: Concrete with chipseal overlay Curbs/Median 5 5 Drains Clogged (Y/N) Image: Concrete with chipseal overlay Curbs/Median 3 N Koaling (Percent Area) 20 Bridge Rail Posts 4 4 Chips Rail Posts 4 4 Chips Rail Posts 4 4 Chips Rail Posts 4 4	Last									
Material Type : CONCRETE: Deck grooves worn in wheelpaths. Chipseal is worn off at wheelpath next to both curbs. Lateral Connection Problem (Y/N) No Image: Concent of the context of the curbs. Chipseal is worn off at wheelpath next to both curbs. Deck Top No N N N Deck Rideability T T T T T Deck Rideability T T T T T T Deck Rideability T T T T T T T Deck Rideability T <tht< th=""> T <tht< th=""></tht<></tht<>	Now	15.0	0.0	0.0	C).0				
Material Type : CONCRETE: Deck grooves worn in wheelpaths. Chipseal is worn off at wheelpath next to both curbs. Lateral Connection Problem (Y/N) No Image: Concent of the context of the curbs. Chipseal is worn off at wheelpath next to both curbs. Deck Top No N N N Deck Rideability T T T T T Deck Rideability T T T T T T Deck Rideability T T T T T T T Deck Rideability T <tht< th=""> T <tht< th=""></tht<></tht<>	Wearing Surfa	ace			6	6	Concrete with chipseal overlay			
(Thickness(mm): 50) No Deck to both curbs.			ETE)							
Lateral Connection Problem (Y/N)NoNoNoDeck Top \cdot NNDeck Top \cdot 77Deck Rideability \cdot 77Deck Joints \cdot \cdot 3Temperature (deg. C) \cdot 15 \cdot \cdot Gap Size (mm)Gap Location \cdot \cdot Gap Size (mm)Gap Location \cdot \cdot 70East abutment \cdot \cdot 80Pier \cdot \cdot 100West abutment \cdot \cdot 101West abutment \cdot \cdot Deck Drainage \cdot \cdot \cdot Drains Clogged (Y/N) $ \cdot$ \cdot Curbs/Median \cdot \cdot \cdot Curbs/Median 2^{-} \cdot \cdot Scaling (Percent Area) 2^{-} \cdot \cdot Bridge Rail \cdot \cdot \cdot Grader daming thread in 3 AB \cdot \cdot Bridge Rail Posts \cdot \cdot \cdot SrtellSouth side only. (1.5m wide local scaling over pier. East approach for South side walk, settled, frip hazard, exposed or part at E. abutSidewalk 4 NSouth side only. (1.5m wide local scaling over pier. East approach for South side walk, settled, frip hazard, exposed or bart at E. abut		· · · · · · · · · · · · · · · · · · ·	,				next to both curbs.			
(Y/N)Image: Constraint of the second se	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	n No							
Image: Constraint of the set										
Deck JointsIGrader damage(minor) at E abut., North Iane, paving lip.Temperature (deg. C)-15-15(Expansion Type : GLAND (WABO-MAUER, TRANSFLK, ETC))(Fixed Type :)Gap Size (mm)Gap Location70East abutment80Pier100West abutment80Pier100West abutment9	Deck Top				N	N				
Deck JointsIGrader damage(minor) at E abut., North Iane, paving lip.Temperature (deg. C)-15-15(Expansion Type : GLAND (WABO-MAUER, TRANSFLK, ETC))(Fixed Type :)Gap Size (mm)Gap Location70East abutment80Pier100West abutment80Pier100West abutment9						-				
Temperature (deg. C) -15 (Expansion Type : GLAND (WABO-MAUER, TRANSFLEX, ETC)) (Fixed Type :) Gap Size (mm) Gap Location 70 East abutment 80 Pier 100 West abutment 101 West abutment 102 West abutment 103 <	Deck Rideabi	lity			7	7				
Temperature (deg. C) -15 (Expansion Type : GLAND (WABO-MAUER, TRANSFLEX, ETC)) (Fixed Type :) Gap Size (mm) Gap Location 70 East abutment 80 Pier 100 West abutment 101 West abutment 102 West abutment 103 <	Deck Joints				4	3	Grader damage(minor) at E abut. North lane, paying lin			
(Expansion Type : GLAND (WABO-MAUER, TRANSFLEX, ETC)) (Fixed Type :) Gap Size (mm) Gap Location 70 East abutment 80 Pier 100 West abutment 100 Vest abutment 1010 <			15		4	5				
(Fixed Type :)Gap LocationGap Size (mm)Gap Location70East abutment80Pier100West abutment100West abutment100West abutment100Gap Location100West abutment100Mest abutment100Gap Location100Mest abutment100Mest abutment101Mest abutment102Saling (Y/N)103N104Kerre scaling exposing water stop @ S2 North curbphoto 9 Mar 2010)105Saling (Percent Area)20Image Saling exposing water stop @ S2 North curbphoto 9 Mar 2010)101Image Saling exposing water stop @ S2 North curbphoto 9 Mar 2010)101Image Saling exposing water stop @ S2 North curbphoto 9 Mar 2010)101Image Saling exposing water stop @ S2 North curbphoto 9 Mar 2010)102Image Saling exposing water stop @ S2 North curbphoto 9 Mar 2010)103Mest Saling exposing water stop @ S2 North curbphoto 9 Mar 2010)104Mest Saling exposing water stop @ S2 North curbphoto 9 Mar 2010)105GalvANIZED POST Saling exposing water stop @ S2 North curbphoto 9 Mar 2010)							Leaking onto E abutment under G2			
Gap Size (mm)Gap Location70East abutment80Pier100West abutment100West abutment100Image Size (mm)100Image Size (mm)101Image Size (mm)102Image Size (mm)103Image Size (mm)104Image Size (mm)105Image Size (mm)105Image Size (mm)106Image Size (mm)107Image Size (mm)108Image Size (mm)109Image Size (mm)109Imag				AUER, IRAN	SFLEX,	EIC))				
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80Pier100West abutment100West abutment100I101I101I101I101I101I101I101I101I101I101I101I101I101I101I101I101I<										
100West abutmentIncomeIncomeIncomeIncomeIncomeIncomeDeck DrainageIncomeDrains Clogged (Y/N)IncomeCurbs/MedianIncomeSideg Rail PostsIncomeIndige Rail/Posts CoatingIncomeSidewalkIncomeSidewalkIncomeSidewalkIncomeSidewalkIncomeSidewalkIncomeSidewalkIncomeSidewalkIncomeSidewalkIncomeSidewalkIncomeSidewalkIncomeSidewalkIncome<				abutment						
Image <th< td=""><td colspan="5"></td><td></td><td>-</td></th<>							-			
Drains Clogged (Y/N) Image: Clogged (Y/N) <t< td=""><td colspan="4">100 West abutment</td><td></td><td></td><td>-</td></t<>	100 West abutment						-			
Drains Clogged (Y/N) Image: Clogged (Y/N) <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td></t<>							-			
Drains Clogged (Y/N) Image: Clogged (Y/N) <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td></t<>							-			
Drains Clogged (Y/N) Image: Clogged (Y/N) <t< td=""><td></td><td></td><td></td><td></td><td></td><td>_</td><td></td></t<>						_				
Curbs/Median 3 N (Severe scaling exposing water stop @ S2 North curbphoto 9 Mar 2010) Scaling (Percent Area) 20 20 2010) Bridge Rail 7 7 7 (Type : GALVANIZED STEEL BRIDGE TUBE) Not enough thread in3 AB Not enough thread in3 AB Bridge Rail Posts 4 4 (Type : GALVANIZED POST STEEL;GALVANIZED POST Not enough thread in3 AB Bridge Rail/Posts Coating 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST Steel Bridge Rail/Posts Coating 7 7 Sidewalk 4 N					5	5	No deck drains.Bridge on grade drains to East.			
(Curb Type : Standard) Scaling (Percent Area)2020Bridge Rail (Type : GALVANIZED STEEL BRIDGE TUBE)77Bridge Rail Posts44(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)44Bridge Rail/Posts Coating (Type : GALVANIZED)77Bridge Rail/Posts Coating (Type : GALVANIZED)77Sidewalk4NSouth side only. (1.5m wide local scaling over pier. East approach for South sidewalk settled, trip hazardexposed rebar at E. abut	Drains Clog	ged (Y/N)			_	_				
Scaling (Percent Area) 20 Image: Current Area Bridge Rail 20 7 Grype : GALVANIZED STEEL BRIDGE TUBE) 7 7 Bridge Rail Posts 4 4 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST Not enough thread in3 AB Bridge Rail/Posts Coating 7 7 (Type : GALVANIZED DOST STEEL;GALVANIZED POST 7 Sidewalk 4 N Sidewalk 4 N	Curbs/Mediar	۱			3	N				
Bridge Rail 7 7 (Type : GALVANIZED STEEL BRIDGE TUBE) Not enough thread in3 AB Bridge Rail Posts 4 4 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) 7 7 Bridge Rail/Posts Coating (Type : GALVANIZED) 7 7 Sidewalk 4 N South side only. (1.5m wide local scaling over pier. East approach for South sidewalk settled, trip hazardexposed rebar at E. abut	(Curb Type : Standard)						2010)			
(Type : GALVANIZED STEEL BRIDGE TUBE)Bridge Rail Posts44(Type : GALVANIZED POST STEEL;GALVANIZED DOST-Bridge Rail/Posts Coating77(Type : GALVANIZED)-Sidewalk4NSidewalk4N	Scaling (Pe	rcent Area)	20							
Bridge Rail Posts 4 4 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) 7 7 Bridge Rail/Posts Coating (Type : GALVANIZED) 7 7 Sidewalk 4 N South side only. (1.5m wide local scaling over pier. East approach for South sidewalk settled, trip hazardexposed rebar at E. abut	Bridge Rail 7									
Bridge Rail Posts 4 4 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) 7 Bridge Rail/Posts Coating (Type : GALVANIZED) 7 Sidewalk 4 N South side only. (1.5m wide local scaling over pier. East approach for South sidewalk settled, trip hazardexposed rebar at E. abut	(Type : GAI		TEEL BRIDG	E TUBE)		Not enough thread in3 AB				
STÉEL) 7 Bridge Rail/Posts Coating 7 7 (Type : GALVANIZED) 7 Sidewalk 4 N South side only. (1.5m wide local scaling over pier. East approach for South sidewalk settled, trip hazardexposed rebar at E. abut	Bridge Rail Po	osts			4					
Bridge Rail/Posts Coating 7 7 (Type : GALVANIZED) 7 7 Sidewalk 4 N South side only. (1.5m wide local scaling over pier. East approach for South sidewalk settled, trip hazardexposed rebar at E. abut	(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)									
(Type : GALVANIZED) Sidewalk 4 N South side only. (1.5m wide local scaling over pier. East approach for South sidewalk settled, trip hazardexposed rebar at E. abut							1			
Sidewalk 4 N South side only. (1.5m wide local scaling over pier. East approach for South sidewalk settled, trip hazardexposed rebar at E. abut						1				
for South sidewalk settled, trip hazardexposed rebar at E. abut						South side only (1.5m wide local scaling over pier. Fast approach				
photo 9 Mar 2010)	Oldewalk					for South sidewalk settled, trip hazardexposed rebar at E. abut photo 9 Mar 2010)				
Girder Detail Ratings	Girdor Dotail	Patings								
	Gilder Detall		1 (count)	2(count)	3 (00)	unt)	Spalling/wide			
	last		<i>,</i> ,				Vertical crack at ends of S1G16 & S2G16.			
N (count) 1 (count) 2 (count) 3 (count) Spalling/wide Last 0 0 2 Vertical crack at ends of S1G16 & S2G16.			-		_					
IN (COUNT) 1 (COUNT) 2 (COUNT) 3 (COUNT) 5 palling/wide	Last		0				Vertical crack at ends of S1G16 & S2G16.			
Vertical crack at ends of \$1G16 & \$2G16	Now	0	0	0	0					

		Ę		tructure				
Bridge Component			Now	Explanation of Condition				
(Primary Span : FM, 2 Spans, Lo	engths(m): 28-26, A-Id	lent Nu	umber:)				
Girders		3	4	Typical chamfer cracks, extending into underside, medium cracks				
Cracking (Y/N) Yes				along bottom of leg at ends Minor HLP midspan SP2				
Spalling (Percent Area) 1								
(Number Of Girders : 32)								
Diaphragms/Cross Frame		6	6					
Bearings		4	4	Grout pad at SP2 G1 & G2-widecrack-				
Temperature (deg. C)	-5			W abut, piers				
(Expansion Type : REINFORC TEFLON AND STAINLESS ST	ED NEOPRENE BEAR TEEL)	RING W	/ITH	E abut				
(Fixed Type : REINFORCED N TEFLON AND STAINLESS ST		WITH						
Coating Adequate (Y/N)	Yes							
Functioning (Y/N)	Yes							
Deck Underside		7	7					
Stains (Percent Area)	0							
Span Alignment Problems								
Vertical (Y/N)	No							
Horizontal (Y/N)	No							
Superstructure General Rating	I	3	4					
			Subst	ructure				
Bridge Component		Last	Now	Explanation of Condition				
Abutments	1	Luot	non					
Bearing Seats/Caps		7	7					
(Type : CONCRETE)								
Backwalls/Breastwalls		7	7					
Wingwalls		7	7					
Piles		N	N					
Paint/Coating		6	6					
Abutment Stability		8	8					
Scour/Erosion		7	3	Gully next to NW - creating void under concrete corner creating void under concrete slope protection.				
Piers/Bents								
(Type : PIER-COLUMN)				Narrow crack down vertical face (N-end) extending 75mmphoto				
Bearing Seats/Caps		4	4					
(Type : CONCRETE)		1	-					
(Total Number of Bearing Piles :	9)							
Pier Shaft/Piles	- /	7	7					
Bracing/Struts/Sheathing		Х	Х					
Nose Plate		Х	Х					
Paint/Coating			6					
(Colour Description :)								
(Colour Code :)								
Pier Stability		7	7					
Scour		х	X					

			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Debris (Y/N) No				
Substructure General Rating			4	
		S	Structu	re Usage
			Now	Explanation of Condition
Grade Separation				
Road Alignment			8	
Traffic Safety Features		7	7	
Туре	Guradrail & Concrete Median			
Slope Protection		4	3	Settled with void near top of slope protection @ both sides. Gulley next to concrete @ NW corner creating void under concrete.
(Type : CONCRETE; CON	ICRETE)			Gulley next to concrete @ NW corner creating void under concrete.
Bank Stability			6	
Drainage			7	
Grade Separation General Rating			3	

Alberta Transportation

78151 -1 Bridge

	_	Maintenance Recomme	ndations					4
Inspector Recommendations	Year	Inspector Comments	Department Con	nments		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL								
GALVANIZE/PAINT BRIDGE RAIL								
SEAL CURBS	2011	Patch and seal.						
PATCH DECK								
SEAL DECK								
OVERLAY DECK								
REPAIR/REPLACE DECK JOINTS	2012	Flood joint @ SE to determine leakage						
RESET/ PAINT BEARINGS								
WASHING								
SHOTCRETE REPAIRS								
REPAIR ABUTMENT SCOUR/EROSION	2012	Seal gap where concrete slope protection settled / separated. Add fill @ NW						
PLACE ADDITIONAL RIP RAP								
REMOVE DRIFT ACCUMULATION								
OTHER ACTION	2012	Repair vertical cracks at ends of girder.						
OTHER ACTION	2012	Seal gap & fill void along approach curb if no done	t					
OTHER ACTION	2012	Install missing approach rail splice bolts (8) SE, (14) @ NW	0					
OTHER ACTION	2012	Repair GR 2 post, 3-section flexbeam						
OTHER ACTION	2012	Repair or remove wire box under girders @ NW						
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
Structural Condition Rating (Last/Now) (%)	38.9/44	.4 Sufficiency Rating (Last/Now) (%)	54.2/51.3	Est. Repl. Yr	2044	Maint. Red	qd. (Y/N)	Yes
Special Comments for Next Inspection			Department Comments					
Maintenance Reviewed By			Date		E	Estimated Total	0	
Proposed Long-Term Strategy								
On 3-Year Program (Y/N)								

Proposed Action			
Previous Inspector's Name	Arnold Assenheimer	Previous Assistant's Name	Wade Nanninga
Next Inspection Date	16-Aug-2013	Previous Inspection Date	09-Mar-2010
Inspection Cycle (Default) (months)	21		
Comment			