

## **Bridge Inspection Form**

Struct. ID	03B004								
Inventory Data									
Structure Name	Frank Chan	nel Bridge							
Structure Location	HWY003-KI	и00243.8							
Road Number	3	On	х	Under					
Road Name	Yellowknife	Highway							
Watercourse Name	Frank Chan	nel							
Crossing Type:	Road River	Rail Other	Water X	5 °	aterway [				
Hwy Direction	3-SOUTH/N	IORTH							
Owner Category									
Maint.Resp.				Northing			62.784	1667	
Region	North Slave			Easting			-115.94	1639	
District				National Highw	ay System				
Municipality				Highway Desig	nation				
Township				Hwy Functiona	l Classifica	tion			T
Structure Category	Bridge			AADT	8	90	No. of	Lanes	2
Main Struct. Subcateg.	Truss			Trucks (%)		3	Posted	l Speed	
Main Struct. Type	Through Tru			District Bridge	Engineer			002	
Deck Length (Total)		207.15 (m)		Road Authority	1				
Overall Structure Width		8.74 (m)		Bridge Plan #					
Deck Area (Total)		1,810.49 (Sq	.m)	Min. Vertical Cl	earance				(m)
Width (Traffic)		7.30 (m)		Detour Distanc	e				(km)
Skew Angle		0.00		Speed on Deto	ur				(kph)
Number of spans		4		Fill Height					(m)
Total Length / Spans (m)	Total = 198	.82; (1) = 79.17; (2)	) = 20.24;	(3) = 20.24; (4) =	79.17				
Historical Data									
Year Built		1960	Eval	uation Year					
Last Biennial Inspection	,	July 24, 2021	Curr	ent Load Limit					
Last Special Access Inspec	tion		Curr	ent BCI				62.78	
Last Condition Survey			Curr	ent BCU				53.50	
Last Underwater Inspection	1		Curr	ent SI				14.07	
Rehab. History In the 1981 upgrading, cover plate	es were added t	o the bottom flanges of t	he steel girde	er spans and bracing	was added to t	he thr	ough truss	s span	



## **Bridge Inspection Form**

Struct. ID	0	3B004						
Scheduled	Improvements							
Regional Pr	iority Number				Programmed	l Wo	rk Year	
Nature of P	rogrammed Work	•					•	
Appraisal I	ndices				Con	nmei	nts	
Load Capac	city Index							
Flood Index	(							
Barrier Inde	ex							
Curb Index								
Seismic Ind	lex							
Fatigue Inde	ex							
Scour Index								
Structure In	ıdex							
				I				
Suspected F	Performance Deficiencies							
00	None			Bearings not uniformly loaded/unstab	ole	12	Slippery surface	
01 02	Load carrying capacity  Excessive deformations (deflections			Jammed expansion joint Pedistrian/vehicular hazard		13	Flooding/channel blockage	
03	Continuing settlement			Rough riding surface		14 15	Undermining of foundation  Unstable embankments	
04	Continuing movements			Surface ponding				
05	Seized bearings	1		Deck drainage		16	Other	
Maintenand	ce Needs							
01	Lift and Swing Bridge Maintenance	0	)7	Structural Steel Repair		13	Erosion Control at Bridges	
02	Bridge Cleaning	0	8	Concrete Repair		14	Concrete Sealing	
03	Railing System Repair			Timber Repair		15 16	Rout and Seal Bridge Deck Drainage	
04	Painting Steel Bridge Structures			Works for Modular Bridges		17	Scaling (Loose Concrete or ACR Steel)	
05 06	Bridge Deck Joint Repair Bridge Bearing Maintenance	1 1		Animal/Pest Control Bridge Surface Repair		18	Other	



## **Bridge Inspection Form**

Struct. ID	03	BB004								
Field Inspection I	nformation									
Inspection Date		July 24, 2021		Weather		Clear /	Sunny		Temperature	19
Inspector		Salim Sarwar		Firm			Star	tec Cons	ulting Ltd	
Others in Party	F	Ren C; Justin D; Se	ebastien D; Marie-And	ree P; Eric,T;	Nick, F	P.			J	
Equipment Used			Chain Drag, Hammer							
Access Equipment Us		Ladder 🗍	Boat X			Bucket	Truck 🗍		Hip Waders	П
Access Equipment of	Jeu	Access Ke	_	Climbing I	Inspect			I Inder R	ridge Inspection Unit	_
Special Notes			<u>′ ⊔</u>					011401 2	mage mopeonem orm	
Upcoming Inspect	tions and Inv	estigations								
Inspection Type		Du	ie Date	Priorit	y		Comment			
Biennial		Jui	ne 19, 2024							
Recommended Ins	spections and	d Investigations								
Recommended Inspec	ction Type		Due Date		Priority ormal	Urgent	Estimated Cost (\$)	Co	mments	
Material Condition Survey	<b>/</b> :									
Detailed Deck Condition	n Survey									
Non-destructive Delami	nation Survey of	Asphalt-Covered Dec	k							
Concrete Substructure	Condition Survey									
Detailed Coating Condit	tion Survey									
Detailed Timber Investig	gation									
Post-Tensioned Strand	Investigation			<u> </u>						
Underwater Investigation				<u> </u>	<u> </u>	<u> </u>				
Fatigue Investigation				<u> </u>	<u> </u>			_		
Seismic Investigation				+	<u> </u>	<u> </u>				
Structure Evaluation  Monitoring				<u> </u>						
Monitoring of Deformation	0			$\vdash$						
Monitoring Crack Width:	•	and Movements		╁╏	╫					
				<u> </u>		<u> </u>				
Overall Structure	Recommend	lations:								
Work Category	None 🗌	N	∕linor Rehab ☐		Ма	ijor Rehal	o 🔲		Replacement X	
Timing	None	Urge	ent 🗌	< 1 year			1 - 5 ye	ar 🗶	6 - 10 yea	ar 🔲
Est. Total Cost	\$30,000,000									
Comments	The existing hr	idao is to bo roplas	ced within 5 years. The	o ovioting brid	النبد مما	he onene	ed to traffic o	uring cons	struction The	



## **Bridge Inspection Form**

		03B	004							
Element Data										
								<u> </u>		
о. ор	Abutme						Length	N/A		(m)
1	Abutme	ent walls					Width		8.99	(m)
Span Num							Height		1.57	(m)
Material	Cast-in	-place concre	ete				Count		2.00	
Туре		ntional closed	d				Quantity		28.000	(Sq.m)
Env't		Benign X	Mode	erate 🗌	Seve	ere 🗌	Not Inspected			
Location	A1 and	A2				Description		1		
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Mainten	ance Ne	eds
Data	Sq.m	0.000	26.000	2.000	0.000					
Comments									CR =	2
Light scaling typ	oical thro	oughout. Narro	w to medium	vertical crack	s were observ	ed at both abut	ments.			
Performance De	eficienci	ies								
0-None										
										1
										1
о.о <b>ц</b> р	Abutme						Length	N/A		1 (m)
о. ор	Abutme Bearing						Length Width	N/A		
о.о <b>ц</b> р										(m)
Element							Width	N/A	4.00	(m) (m)
Element Span Num Material		ys N/A					Width Height	N/A	4.00	(m) (m)
Element Span Num Material	Bearing Rocker	ys N/A	Mode	erate X	Sevi	ere 🗍	Width Height Count	N/A		(m) (m) (m)
Element  Span Num  Material  Type  Env't	Bearing Rocker	N/A Benign	Mode	erate X	Seve	ere Description	Width Height Count Quantity	N/A		(m) (m) (m)
Element  Span Num  Material  Type  Env't  Location  Condition	Bearing	N/A Benign	Mode	erate X	Seve		Width Height Count Quantity	N/A N/A		(m) (m) (m) (Each)
Element Span Num Material Type Env't Location Condition	Rocker A1 and	N/A Benign  A2				Description	Width Height Count Quantity Not Inspected	N/A N/A	4.000	(m) (m) (m) (Each)
Element Span Num Material Type Env't Location Condition	Rocker A1 and Unit	N/A Benign  A2 Excellent	Good	Fair	Poor	Description	Width Height Count Quantity Not Inspected	N/A N/A	4.000	(m) (m) (Each)
Element  Span Num  Material  Type  Env't  Location  Condition Data	Rocker A1 and Unit	N/A Benign  A2 Excellent	Good	Fair	Poor	Description	Width Height Count Quantity Not Inspected	N/A N/A	4.000	(m) (m) (Each)
Element  Span Num  Material  Type  Env't  Location  Condition  Data  Comments	Rocker A1 and Unit	N/A Benign  A2 Excellent	Good	Fair	Poor	Description	Width Height Count Quantity Not Inspected	N/A N/A	4.000	(m) (m) (Each)
Element  Span Num  Material  Type  Env't  Location  Condition Data  Comments  Light corrosion  Performance De	Rocker A1 and Unit Each	N/A Benign  A2 Excellent 0.000	Good	Fair	Poor	Description	Width Height Count Quantity Not Inspected	N/A N/A	4.000	(m) (m) (Each)
Element  Span Num  Material  Type  Env't  Location  Condition  Data  Comments  Light corrosion	Rocker A1 and Unit Each	N/A Benign  A2 Excellent 0.000	Good	Fair	Poor	Description	Width Height Count Quantity Not Inspected	N/A N/A	4.000	(m) (m) (Each)
Element  Span Num  Material  Type  Env't  Location  Condition Data  Comments  Light corrosion  Performance De	Rocker A1 and Unit Each	N/A Benign  A2 Excellent 0.000	Good	Fair	Poor	Description	Width Height Count Quantity Not Inspected	N/A N/A	4.000	(m) (m) (Each)



# **Bridge Inspection Form**

Struct. ID		03B	004						
Element Data	3								
Group	Abutme	ents					Length	3.66 (m	1)
Element	Wingwa	alls					Width	N/A (m	1)
Span Num							Height	2.44 (m	1)
Material	Cast-in	-place concr	ete				Count	4.00	
Туре	Reinfor	ced concrete	)				Quantity	36.000 (Sc	q.m)
Env't		Benign 🛚	Mode	erate 🗌	Sev	ere 🗌	Not Inspected		
Location	A1 and	I A2				Description			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance Needs	<b>;</b>
Data	Sq.m	0.000	35.300	0.500	0.200				
Comments Light scaling ty corner.  Performance I 0-None			tains visible. f	ew narrow ho	rizontal crack	s observed. Min	or spall at South west	CR = 2	
									3



# **Bridge Inspection Form**

Struct. ID		03B	004					
Element Data	1							
Group	Approa	ches					Length	3.66 (m)
Element	Approa	ch slabs					Width	8.99 (m)
Span Num							Height	0.20 (m)
Material	Cast-in	-place concr	ete				Count	2.00
Туре		N/A					Quantity	66.000 (Sq.m)
Env't		Benign 🗌	Mode	erate 🗌	Sev	ere 🛚	Not Inspected	
Location						Description		
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance Needs
Data	Sq.m	0.000	53.000	3.000	10.000			
	g (1sqm),	, light scaling t					d rebar (3.5X3.7sqm), rescence at underside of	CR = 4



# **Bridge Inspection Form**

Struct. ID		03B	004						
Element Data	l								
Group	Approac	ches					Length	3.66	6 (m)
Element	Sidewa	lk/Curb					Width	0.91	(m)
Span Num							Height	0.28	(m)
Material	Unknov	vn					Count	4.00	
Туре		N/A					Quantity	17.000	(Sq.m)
Env't	!	Benign 🗌	Mode	erate 🛛	Seve	ere 🗌	Not Inspected		
Location	Curb					Description			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance N	eeds
Data	Sq.m	0.000	12.000	2.000	3.000			<u></u>	
Abutment1: LH LHS- S spall & Performance D 0-None	exposed	rebar 0.5x0.5					qm, M scale 2*0.3sqm. Abt2:		5
Group	Approac	ches					Length	16.00	) (m)
Element	Wearing	g surface					Width	7.32	(m)
Span Num							Height		(m)
Material	Cast-in	-place concr	ete				Count	2.00	
Туре		N/A					Quantity	234.000	(Sq.m)
Env't	ı	Benign 🗌	Mode	erate X	Seve	ere 🗌	Not Inspected		
Location						Description			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance N	eeds
Data	Sq.m	0.000	174.000	0.000	60.000				
Comments  ABUT1: S ruttin  Performance D  3-Continuing S  9-Rough Ridin	<b>Deficienci</b> Settlemen	es it	ABUT2: Light	rutting and ra	veling			CR =	2
									6



## **Bridge Inspection Form**

Element Data Group										
Group										
Group										
Group	Attachm	nents, Signs, a	and Utilities				Length	N/A		(m)
Element	Signs						Width	N/A		(m)
Span Num							Height	N/A		(m)
Material		N/A					Count	N/A	2.00	
Туре		N/A					Quantity		4.000	(Each)
Env't	Ī	Benign 🗌	Mode	erate 🗌	Sev	ere 🗌	Not Inspected			
Location						Description				
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Mainten	ance Ne	eds
Data	Each	4.000	0.000	0.000	0.000					
Comments									CR =	2
0-None										7
								1		
C. Cup	Barriers						Length		1.83	` ′
	Posts						Width		0.25	(m)
Span Num							Height		1.22	(m)
	Cast-in-	-place concre	ete				Count		4.00	
Туре		N/A					Quantity	+	20.000	(Each)
Env't		Benign 🗌		erate 🗌	Sev	ere 🛛	Not Inspected			
Location		te End Post				Description		1		
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Mainten	ance Ne	eds
	Each	0.000	17.800	0.000	2.200					
A1 - Light - M sp 1.2sqm RHS: Ex Performance De 8-Pedestrian/Ve	xposed r	ebar and spal					ation 1*0.5sqm, M-S scale ut		CR =	4



## **Bridge Inspection Form**

Condition   Data   Description   Data   Description   Data   Description   Data   Description   Data   Description   Data   Description   D	
Midth   Mid	
Midth   Mid	
Span Num	(m)
Material   Steel	(m)
Type	(m)
Env't	
Description   Condition   Data   Description   Descripti	(Each)
Condition   Data   Excellent   Good   Fair   Poor   V. Poor   Perform. Deficiencies   Maintenance New	
Data         Each         0.000         20.000         6.000         0.000         CR =           Comments           Light corrosion, M-S paint peeling and pinhole rust. Flaking and section loss 0-10%           Performance Deficiencies           0-None         Length         0.15           Element         Posts         Width         0.15           Span Num         Height         1.52           Material         Steel         Count         68.00           Type         N/A         Quantity         95.000           Env't         Benign         Moderate         Severe         Not Inspected	
Comments         CR =           Light corrosion, M-S paint peeling and pinhole rust. Flaking and section loss 0-10%           Performance Deficiencies           0-None         Length         0.15           Element         Posts         Width         0.15           Span Num         Height         1.52           Material         Steel         Count         68.00           Type         N/A         Quantity         95.000           Env't         Benign Moderate Severe         Not Inspected         Location           Steel posts         Description         Total Section 54           Condition         Unit         Excellent         Good         Fair         Poor         V. Poor         Perform. Deficiencies         Maintenance Ne	eds
Light corrosion, M-S paint peeling and pinhole rust. Flaking and section loss 0-10%  Performance Deficiencies  0-None  Group Barriers Length 0.15  Element Posts Width 0.15  Span Num Height 1.52  Material Steel Count 68.00  Type N/A Quantity 95.000  Env't Benign Moderate Sever Not Inspected Quantity 95.000  Env't Benign Moderate Sever Not Inspected Quantity 95.000  Location Steel posts Description Total Section 54  Condition Unit Excellent Good Fair Poor V. Poor Perform. Deficiencies Maintenance Ne	
Performance Deficiencies           0-None         Coup         Barriers         Length         0.15           Element         Posts         Width         0.15           Span Num         Height         1.52           Material         Steel         Count         68.00           Type         N/A         Quantity         95.000           Env't         Benign         Moderate         Severe         Not Inspected         □           Location         Steel posts         Description         Total Section 54           Condition         Unit         Excellent         Good         Fair         Poor         V. Poor         Perform. Deficiencies         Maintenance Ne	2
Group         Barriers         Length         0.15           Element         Posts         Width         0.15           Span Num         Height         1.52           Material         Steel         Count         68.00           Type         N/A         Quantity         95.000           Env't         Benign         Moderate         Severe         Not Inspected	
Element         Posts         Width         0.15           Span Num         Height         1.52           Material         Steel         Count         68.00           Type         N/A         Quantity         95.000           Env't         Benign         Moderate         Severe         Not Inspected         □           Location         Steel posts         Description         Total Section 54           Condition         Unit         Excellent         Good         Fair         Poor         V. Poor         Perform. Deficiencies         Maintenance Ne	9
Element         Posts         Width         0.15           Span Num         Height         1.52           Material         Steel         Count         68.00           Type         N/A         Quantity         95.000           Env't         Benign Moderate Severe Not Inspected         Not Inspected	
Span Num         Height         1.52           Material         Steel         Count         68.00           Type         N/A         Quantity         95.000           Env't         Benign Moderate Severe Not Inspected         Not Inspected	(m)
Material         Steel         Count         68.00           Type         N/A         Quantity         95.000           Env't         Benign Moderate Severe Not Inspected         Not Inspected	(m) (m)
Env't Benign Moderate Severe M Not Inspected  Location Steel posts Description Total Section 54  Condition Unit Excellent Good Fair Poor V. Poor Perform. Deficiencies Maintenance Ne	(m) (m) (m)
Env't Benign Moderate Severe Not Inspected  Location Steel posts Description Total Section 54  Condition Unit Excellent Good Fair Poor V. Poor Perform. Deficiencies Maintenance Ne	(m)
Location     Steel posts     Description     Total Section 54       Condition     Unit     Excellent     Good     Fair     Poor     V. Poor     Perform. Deficiencies     Maintenance Ne	(m)
	(m) (m)
Data         Each         0.000         75.000         20.000         0.000	(m) (m)
	(m) (m) (Each)
Comments CR =	(m) (m) (Each)
Light corrosion, M-S paint peeling and pinhole rust. Flaking and section loss 0-10%	(m) (m) (Each)
Performance Deficiencies 0-None	(m) (m) (Each)



## **Bridge Inspection Form**

Struct. ID		03B	004						
Element Data	l								
Group	Barriers	;					Length		(m)
Element	Posts						Width		(m)
Span Num							Height		(m)
Material	Steel						Count	44	.00
Туре		N/A					Quantity	272.0	000 (Each)
Env't		Benign 🗌	Mode	erate 🗌	Sev	ere 🏻	Not Inspected		
Location	Wood <sub>I</sub>	posts				Description			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance	Needs
Data	Each	132.000	119.000	21.000	0.000				
Comments								C	R = 4
Performance D 8-Pedestrian/\									11
Crown	Barriers						Length	202	
Group Element		Systems					Width	N/A	(m) (m)
Span Num							Height		32 (m)
Material	Steel						Count		.00
Туре		Metal Railing	- Steel				Quantity	406.0	
Env't		Benign 🔲		erate 🗌	Sev	ere 🛛	Not Inspected	1 🗆	
Location	A1 and					Description			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance	Needs
Data	Sq.m	0.000	0.000	404.000	2.000				
Comments							•	C	R = 4
DS:100% Fair. section loss.Po	st 4 on s	outh side of sp			ir. Paint peeli	ng and rust, ligh	nt corrosion with 0-5%	_	
0-None	, en cienci								
0.110110									
									12



## **Bridge Inspection Form**

Element Data										
								_		
Group	Barriers						Length	16	.00	(m)
Element	Railing	Systems					Width	N/A		(m)
Span Num							Height	1.	32	(m)
Material	Steel						Count	4.	00	
Туре	Steel F	lex Beam on	wood post				Quantity	524.4	00	(Sq.m)
Env't	l	Benign 🗌	Mode	erate 🗌	Sev	ere 🛛	Not Inspected			
Location	Approa	ich				Description				
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance	Nee	eds
Data	Sq.m	0.000	374.400	150.000	0.000					
Comments								CF	₹ =	4
There is no cor	nection f	from W-Beam	Bridge rail to	bridge barrier	at all corners					
8-Pedestrian/V	⁄ehicular	Hazard								13
Group	Beams/	MLE's					Length	0	.05	(m)
Element	Diaphra	igms			End		Width	2.	44	(m)
Span Num							Height	0.		(m)
Material	Steel						Count	6.	00	
Туре	Other						Quantity	6.0	00	(Sq.m)
Env't	ı	Benign X	Mode	erate 🗌	Sev	ere 🗌	Not Inspected	X		
Location	Spans	2 and 3, at P				Description	C12x20.7			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance	Nee	eds
Data	Sq.m	0.000	3.000	3.000	0.000					
Comments								CF	₹ =	2
Bottom & top fla	ange rust	ted & flaking, d	coating failed.	Section Loss	5-10%.					
Performance D 0-None	eficienci	es								14



## **Bridge Inspection Form**

		200	004		<u> </u>				
Struct. ID		03B	004						
Element Data	1								
Group	Beams/	MLE's					Length	0	08 (m)
Element	Diaphra	agms			Interr	nediate	Width	2.4	14 (m)
Span Num							Height	0.:	38 (m)
Material	Steel						Count	12.	00
Туре	Other						Quantity	3.0	00 (Sq.m)
Env't		Benign X	Mode	erate 🗌	Seve	ere 🗌	Not Inspected	X	
Location	Spans	2 and 3				Description	C15x33.9		
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance	Needs
Data	Sq.m	0.000	2.000	1.000	0.000				
Comments								CF	2 = 3
Bottom flange	rusted, n	o coating, corr	oded 0-5% S	ection loss.					
Performance I	Deficienc	ies							
16-Other									
									15
	_						I	1 .	
Group	Beams/				lt		Length		05 (m)
Element	Diaphra	agms ————			Interr	nediate	Width	2.4	
Span Num							Height	0.3	
Material	Steel						Count	6.	
Туре	Other						Quantity	1.0	00 (Sq.m)
Env't		Benign X		erate 🗌	Seve	ere 🗌	Not Inspected	X	
Location	<del> </del>	2 and 3, Pie				Description	C12x20.7	1	
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance	Needs
Data	Sq.m	0.000	1.000	0.000	0.000				
Comments								CF	R = 3
Bottom flange	rusted, n	o coating, corr	oded 0-5% S	ection loss.					
Performance I	Oofiolono	ioo							
0-None	Jen Cienc	163							
0 110110									



## **Bridge Inspection Form**

Struct. ID		03B	004						
Element Data									
								1	
Group	Beams/						Length	8.99	(m)
Element	Floor Be	eams			End		Width	0.31	(m)
Span Num							Height	0.92	(m)
Material	Steel						Count	2.00	
Туре	I type						Quantity	49.000	(Sq.m)
Env't	I	Benign X	Mode	erate 🗌	Sev	ere 🗌	Not Inspected		
Location	T1 and	T2				Description	(W36x170)	_	
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance Ne	eds
Data	Sq.m	0.000	24.000	21.000	4.000				
Comments L-M corrosion, mm on the web Performance D 1-Load Carryin	eficienci	es	s on top & bot	tom flange an	d web of the t	russ connection	. Has section loss of up to 1	CR =	
Group	Beams/	MLE's					Length	8.99	
Element	Floor Be	eams			Interi	mediate	Width	0.31	(m)
Span Num							Height	0.92	(m)
Material	Steel						Count	18.00	
Туре	I type						Quantity	445.000	(Sq.m)
Env't	I	Benign X	Mode	erate 🗌	Sev	ere 🗌	Not Inspected		
Location	T1 and	T2				Description	(W36x170)	•	
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance Ne	eds
Data	Sq.m	0.000	289.700	133.000	22.300				
	e bottom	of the web dir					ne face, have severe nd is approx.10 mm high.	CR =	4
									18



## **Bridge Inspection Form**

Struct. ID		03B	004						
Element Data	1								
Group	Beams/	MLE's					Length	8.9	9 (m)
Element	Floor Be	eams			Interr	mediate	Width	0.43	3 (m)
Span Num							Height	0.92	2 (m)
Material	Steel						Count	18.0	0
Туре	I type						Quantity	506.00	0 (Sq.m)
Env't	l	Benign X	Mode	erate 🗌	Sev	ere 🗌	Not Inspected		
Location	at Pier					Description	(W36x260)		
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance N	leeds
Data	Sq.m	0.000	228.000	253.000	25.000			<u> </u>	
Comments								CR	= 4
							ne face, have severe		
corrosion on tr	ie bollom	or the web dir	ectly above tr	ie bollom ilan	ge. Section to	ss is 2-4 mm ar	nd is approx.10 mm high.		
Performance [	Deficienci	ies							
1-Load Carryi	ng Capac	city							
									19
Group	Beams/	MLE's					Length	2.0	00 (m)
Element	Girders				End		Width	0.3	1 (m)
Span Num							Height	0.92	2 (m)
Material	Steel						Count	8.0	0
Туре	I type						Quantity	34.00	0 (Sq.m)
Env't		Benign X	Mode	erate 🗌	Sev	ere 🗌	Not Inspected	X	
Location	Spans	2 and 3				Description	Couldn't fit description		
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance N	leeds
Data	Sq.m	0.000	15.300	15.300	3.400				
Comments								CR	= 2
L-M corrosion,	flaking ar	nd section loss	s 5-10% SL or	n top, web and	d bottom flang	e.			
									20



## **Bridge Inspection Form**

Struct. ID		03B	004						
Element Data	a								
Group	Beams/	MLE's					Length	19.25	(m)
Element	Girders				Midd	le	Width	0.31	(m)
Span Num							Height	0.92	(m)
Material	Steel						Count	8.00	
Туре	I type						Quantity	329.000	(Sq.m)
Env't		Benign X	Mode	erate 🗌	Sev	ere 🗌	Not Inspected	X	
Location	Spans	2 and 3				Description	Couldn't fit description		
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance N	eeds
Data	Sq.m	0.000	156.500	156.000	16.500				
Comments								CR =	4
					orrosion, flaki	ng and section	loss 5-10% SL on bottom		
flange, splices	of exterio	or girders and	cnemicai rea	ction.					
									21
								1	
Group	Beams/						Length		(m)
Element	Stringer	rs			End		Width	0.31	(m)
Span Num							Height	0.61	(m)
Material	Steel						Count	8.00	
Туре	I type						Quantity	8.000	(Each)
Env't	<b>-</b>	Benign X	Mode	erate	Sev		Not Inspected		
Location	T1 and	T2		T		Description	(W24x76)	_	
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance No	eeds
Data	Each	0.000	0.000	6.000	2.000				
Comments								CR =	4
Paint peeling.	Exterior s	tringers: L-M r	usting, sectio	n loss and flal	king				
Performance [									
1-Load Carryi		it.							
•	ng Capac	ity							
,	ng Capac	ity							
	ng Capac	ity							22



## **Bridge Inspection Form**

Struct. ID		03B	004							
Element Data	1									
Group	Beams	MLE's					Length		7.92	(m)
Element	Stringe	rs			Interr	nediate	Width		0.31	(m)
Span Num							Height		0.61	(m)
Material	Steel						Count		72.00	
Туре	I type						Quantity		72.000	(Each)
Env't		Benign 🛚	Mode	erate 🗌	Seve	ere 🗌	Not Inspected			
Location	T1 and	IT2				Description	(W24x76)			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Mainte	nance Ne	eds
Data	Each	0.000	32.400	32.400	7.200					
Paint peeling.  Performance I  1-Load Carryi	Deficienc	ies	usting, sectio	n loss and flal	king					23
Group	Bracing						Length		11.16	(m)
Element	Bracing				Interr	mediate	Width	N/A	0.08	(m)
Span Num							Height	N/A	0.10	(m)
 Material	Steel						Count		50.00	
Туре		N/A					Quantity		25.000	(Each)
Env't		Benign X	Mode	erate 🗌	Seve	ere 🗌	Not Inspected			<u> </u>
Location	Top Ch					Description	2L's 4x3x5/16 laced			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Mainte	nance Ne	eds
Data	Each	0.000	25.000	0.000	0.000					
Comments Paint peeling Performance I 0-None	Deficienc	ies							CR =	3



## **Bridge Inspection Form**

Struct. ID		03B	004							
Element Data	1									
										-1
Group	Bracing						Length		12.22	(m)
Element	Bracing	1			End		Width	N/A	0.08	(m)
Span Num							Height	N/A	0.10	(m)
Material	Steel						Count		8.00	
Туре		N/A					Quantity		8.000	(Each)
Env't		Benign X	Mode	erate 🗌	Seve	ere 🗌	Not Inspected			
Location	Bottom	Chord				Description	2L's 4x3x3/8 laced			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Mainter	nance Ne	eds
Data ———	Each	0.000	8.000	0.000	0.000					
Comments									CR =	3
Debris on guss	set plates	, paint peeling	, rusting on be	ottom side, lig	ht corrosion, n	ninor section los	ss			
Performance I	Deficienci	ies								
0-None										
										25
-	Б .						I	1	40.00	
Group	Bracing				latore	madiata	Length		12.22	(m)
Element	Bracing Bracing				Interr	mediate	Width	N/A	0.08	(m) (m)
-	Bracing				Interr	mediate	Width Height	N/A N/A	0.08	(m)
Element Span Num Material	_	1			Interr	mediate	Width Height Count	-	0.08 0.10 32.00	(m) (m) (m)
Element Span Num Material Type	Bracing	N/A					Width Height Count Quantity	-	0.08	(m) (m)
Span Num Material Type Env't	Bracing Steel	N/A Benign X	Mode	erate 🗌		ere 🗌	Width Height Count Quantity Not Inspected	-	0.08 0.10 32.00	(m) (m) (m)
Element Span Num Material Type	Steel Bottom	N/A Benign X			Seve	ere Description	Width Height Count Quantity Not Inspected 2L's 4x3x3/8 laced	N/A	0.08 0.10 32.00 32.000	(m) (m) (m) (Each)
Span Num Material Type Env't Location Condition	Steel  Bottom Unit	N/A Benign X  Chord  Excellent	Good	Fair	Sevi	ere 🗌	Width Height Count Quantity Not Inspected	N/A	0.08 0.10 32.00	(m) (m) (m) (Each)
Span Num Material Type Env't Location	Steel Bottom	N/A Benign X			Seve	ere Description	Width Height Count Quantity Not Inspected 2L's 4x3x3/8 laced	N/A	0.08 0.10 32.00 32.000	(m) (m) (Each)
Span Num Material Type Env't Location Condition	Steel  Bottom Unit	N/A Benign X  Chord  Excellent	Good	Fair	Sevi	ere Description	Width Height Count Quantity Not Inspected 2L's 4x3x3/8 laced	N/A	0.08 0.10 32.00 32.000	(m) (m) (Each)
Span Num Material Type Env't Location Condition Data	Steel  Bottom Unit Each	N/A Benign X  Chord  Excellent	Good	Fair	Sevi	ere Description	Width Height Count Quantity Not Inspected 2L's 4x3x3/8 laced	N/A	0.08 0.10 32.00 32.000	(m) (m) (Each)
Element Span Num Material Type Env't Location Condition Data Comments Light corrosion	Steel  Bottom Unit Each	N/A Benign X  Chord Excellent 0.000	Good	Fair	Sevi	ere Description	Width Height Count Quantity Not Inspected 2L's 4x3x3/8 laced	N/A	0.08 0.10 32.00 32.000	(m) (m) (Each)
Element Span Num Material Type Env't Location Condition Data  Comments Light corrosion Performance I	Steel  Bottom Unit Each	N/A Benign X  Chord Excellent 0.000	Good	Fair	Sevi	ere Description	Width Height Count Quantity Not Inspected 2L's 4x3x3/8 laced	N/A	0.08 0.10 32.00 32.000	(m) (m) (Each)
Element Span Num Material Type Env't Location Condition Data Comments Light corrosion	Steel  Bottom Unit Each	N/A Benign X  Chord Excellent 0.000	Good	Fair	Sevi	ere Description	Width Height Count Quantity Not Inspected 2L's 4x3x3/8 laced	N/A	0.08 0.10 32.00 32.000	(m) (m) (Each)
Element Span Num Material Type Env't Location Condition Data  Comments Light corrosion Performance I	Steel  Bottom Unit Each	N/A Benign X  Chord Excellent 0.000	Good	Fair	Sevi	ere Description	Width Height Count Quantity Not Inspected 2L's 4x3x3/8 laced	N/A	0.08 0.10 32.00 32.000	(m) (m) (Each)



## **Bridge Inspection Form**

Struct. ID		03B	004							
Element Data	l									
Group	Bracing						Length		20.19	(m)
Element	Bracing				Interr	nediate	Width	N/A		(m)
Span Num							Height	N/A		(m)
Material	Steel						Count		4.00	
Туре		N/A					Quantity	<u> </u>	4.000	(Each)
Env't		Benign X	Mode	erate 🗌	Seve	ere 🗌	Not Inspected			
Location	Portal I	Bracing - U1-	·U1,U9-U9			Description				
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Mainten	ance Ne	eds
Data	Each	1.000	2.000	1.000	0.000					
Performance D	)eficienci	ies								27
Group	Bracing						Length		54.42	(m)
Element	Bracing				Interr	nediate	Width	N/A		(m)
Span Num							Height	N/A		(m)
Material	Steel						Count		6.00	
Туре		N/A					Quantity		6.000	(Each)
Env't		Benign X	Mode	erate 🗍	Seve	ere 🗌	Not Inspected	$\top \sqcap$		` ,
Location		Bracing - U4-				Description	•			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Mainten	ance Ne	eds
Data	Each	0.000	6.000	0.000	0.000					
Comments Paint peeling a	t bottom	plate					•	•	CR =	2
Performance D	eficienci	ies								28



## **Bridge Inspection Form**

Struct. ID		03B	004							
Element Data	l									
Group	Bracing						Length		49.54	(m)
Element	Bracing	1			Interr	nediate 	Width	N/A		(m)
Span Num							Height	N/A		(m)
Material	Steel						Count		4.00	
Туре		N/A					Quantity		4.000	(Each)
Env't		Benign X	Mode	erate 🗌	Seve	ere 🗌	Not Inspected			
Location	Sway E	Bracing - U3-	U3,U7-U7			Description				
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Mainten	ance Ne	eds
Data	Each	0.000	4.000	0.000	0.000					
Comments									CR =	3
Paint peeling a	t bottom	plate								
D	6	•								
Performance I  0-None	Jencienc	ies								
0-None										
										29
Group	Bracing						Length	1	45.13	(m)
Element	Bracing				Interr	nediate	Width	N/A	10.10	(m)
Span Num							Height	N/A		(m)
Material	Steel						Count	+	4.00	()
Туре	Oleci	N/A					Quantity	+	4.000	(Each)
Env't		Benign X	Mode	erate 🗍	Seve	ere 🗌	Not Inspected	$+ \neg$	1.000	(=====)
Location		Bracing, U2-L				Description	140t hispeoted			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Mainten	ance Ne	eds
Data	Each	0.000	4.000	0.000	0.000	V. 1 CO1				
Comments									CR =	1
Paint peeling a	ıt hottom	nlate							OIX =	4
r aint pecinig e	it bottom	plate								
Performance D	Deficienc	ies								
0-None										
										30



## **Bridge Inspection Form**

Struct. ID		03B	004							
Element Data	1									
Group	Bracing						Length		1.00	(m)
Element	Bracing	1			Interr	nediate	Width	N/A	1.00	(m)
Span Num							Height	N/A	1.00	(m)
Material	Steel						Count		1.00	
Туре		N/A					Quantity		1.000	(Each)
Env't		Benign X	Mode	erate 🗌	Seve	ere 🗌	Not Inspected			
Location	horizor	ntal L2-U2 ->	U3-L4			Description	channel			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintena	ance Nee	ds
Data ———	Each	0.000	1.000	0.000	0.000					
Comments									CR =	3
Paint peeling a	t bottom	plate								
		_								
Performance I 0-None	Deficienc	ies								
U-None										
										31
0	Coating						Lawath			, ,
Group	Coating	Systems / Hai	nd Pailings				Length	N/A		(m)
Element	T Calling	- Oysterns / Hai	iu rtaiiings				Width	N/A N/A		(m)
Span Num							Height			(m)
Material		N/A					Count	N/A	25.222	()
Туре	Unknov					<u></u>	Quantity	+ - 4	65.000	(m)
Env't		Benign 🗌	Mode	erate 🗌	Seve	ere 🛛	Not Inspected			
Location		- " .				Description	Desferre Deficiencies	N4 - i - 4	NI	-1-
Condition Data	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintena	ance Nee	as
	m	0.000	0.000	0.000	465.000					
Comments									CR =	5
Chalking, pair	nt peeling	and pinhole ru	usting.							
Performance I	Deficienc	ies								
0-None										
										32



## **Bridge Inspection Form**

Struct. ID		03B	004						
Element Data	l								
Group	Coating	S					Length	N/A	(m)
Element	Structu	ral Steel			End		Width	N/A	(m)
Span Num							Height	N/A	(m)
Material		N/A					Count	N/A	
Туре	Unknov	wn					Quantity	747.000	(Sq.m)
Env't		Benign 🗌	Mode	erate 🗌	Sev	ere 🛛	Not Inspected		
Location						Description			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance Ne	eeds
Data	Sq.m	0.000	373.500	186.750	186.750			<u></u>	
Green paint pe elements are in Performance D	n good co	ondition	deck, red lead	d paint underr	neath, diaphra	gm peeling, To	p portion of the truss	CR =	5
	2 !						I		33
Group	Coating	s ral Steel			Midd	lo.	Length	N/A	(m)
Element	Structur	iai Sieei			IVIIdu		Width	N/A	(m)
Span Num							Height	N/A	(m)
Material		N/A					Count	N/A	(O )
Туре	Unknov						Quantity	2,164.000	(Sq.m)
Env't		Benign 🗌	Mode	erate 🗌	Sev	ere 🛛	Not Inspected		
Location					_	Description		<del></del>	
Condition Data	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance No	eeds
	Sq.m	0.000	1,082.000	541.000	541.000				
Comments  Green paint pe condition	eling upto	o 6m from the	deck, red lead	d paint underr	neath. Top po	rtion of the truss	s elements are in good	CR =	5
Performance D	eficienci	ies							
0-None									
									34



## **Bridge Inspection Form**

Struct. ID		03B	004						
Element Data	1								
								1	
Group	Coating	s					Length	N/A	(m)
Element	Structu	ral Steel					Width	N/A	(m)
Span Num							Height	N/A	(m)
Material		N/A					Count	N/A	
Туре	Unknov	wn					Quantity	7,313.000	) (Sq.m)
Env't		Benign 🗌	Mode	erate 🗌	Seve	ere 🛛	Not Inspected		
Location						Description			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance N	leeds
Data	%	0.000	45.000	25.000	30.000				
Comments								CR:	= 1
Flaking and pecondition.	eling of c	oating, edge o	defects, pinhol	e rusting, and	l chalking, To <sub>l</sub>	o portion of the	truss elements are in good		
Performance [	Deficienci	ies							
0-None									



## **Bridge Inspection Form**

Struct. ID		03B	004							
Element Data	1									
Group	Decks						Length		194.82	(m)
Element	Deck to	р			Midd	le	Width		8.74	(m)
Span Num							Height			(m)
Material	Cast-in	-place concr	ete				Count	N/A	1.00	
Туре	Cast-in	-place concr	ete on suppo	orts			Quantity	1,7	02.727	(Sq.m)
Env't		Benign 🗌	Mode	erate 🗌	Sev	ere 🛛	Not Inspected			
Location						Description				
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintena	ance Ne	eds
Data	Sq.m	0.000	937.727	688.000	77.000					
Comments Spall & delami spalls and scal		•	•	•	•	. Concrete in the	e exterior soffits had severe		CR =	6
Performance D	Deficienc	ies								
1-Load Carryii 8-Pedestrian/\ 9-Rough Ridir	√ehicular	Hazard								
Recommende	d Work			Catego	ry	Timing	Quantity	Unit Cost	Total (	Cost (\$)
CO203 Patch	deck, w/	p, and pothole	es .	Minor R	tehab	1 - 5 year	80.000	2000	160	0000

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## **Bridge Inspection Form**

Struct. ID		03B	004							
Element Data	1									
Group	Decks						Length		4.00	(m)
Element	Deck to	р			End		Width		8.74	(m)
Span Num							Height			(m)
Material	Cast-in	-place concr	ete				Count	N/A	1.00	
Туре	Cast-in	-place concr	ete on suppo	orts			Quantity		34.960	(Sq.m)
Env't		Benign 🗌	Mode	erate 🗌	Sev	ere 🛚	Not Inspected			
Location						Description		_		
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Mainte	nance Ne	eds
Data	Sq.m	3.000	12.480	16.480	3.000					
		•	•				at remaining concrete. hroughout.2 potholes at		CR =	6
Performance I 1-Load Carryi 8-Pedestrian/ 9-Rough Ridir	ng Capad Vehicular									
Recommende				Categoi	ry	Timing	Quantity	Unit Cost	Total (	Cost (\$)
CO203 Patch	deck w/	n and nothole	95				2 000	2000		1000



## **Bridge Inspection Form**

Struct. ID		03B	004						
Element Data	l								
Group	Decks						Length	1.0	0 (m)
Element	Soffit -	Thin Slab			End		Width	8.74	. (m)
Span Num							Height	N/A	(m)
Material	Cast-in	-place concr	ete				Count	N/A 4.00	)
Туре		N/A					Quantity	34.960	) (Sq.m)
Env't		Benign X	Mode	erate 🗌	Sev	ere 🗌	Not Inspected		
Location						Description			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance N	leeds
Data	Sq.m	0.000	31.460	3.500	0.000			<u></u>	
Comments								CR =	= 4
					exposed corr	oded reinforcer	ment throughout. Most		
efflorescence a	at exterior	girder & Strin	ger near conn	ections					
Performance D	eficienci	es							
0-None									
									38
Group	Decks						Length	194.8	2 (m)
Element	Soffit -	Thin Slab			Interi	or	Width	7.67	' (m)
Span Num							Height	N/A	(m)
Material	Cast-in	-place concr	ete				Count	N/A 1.00	)
Туре		N/A					Quantity	1,494.853	(Sq.m)
Env't		Benign X	Mode	erate 🗌	Sev	ere 🗌	Not Inspected		
Location						Description			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance N	leeds
Data	Sq.m	0.000	1,165.985	298.971	29.897				
Comments								CR =	= 4
							ment throughout. many		
locations (appr	ox half) v	vith chipping &	staining. Effic	orescence, m	ost at exterior	girder & stringe	er near connections.		
Performance D	eficienci	es							
0-None									
									39
									39



## **Bridge Inspection Form**

Struct. ID		03B	004							
Element Data	1									
Group	Decks						Length		194.82	(m)
Element	Soffit -	Thin Slab			Exter	ior	Width		1.07	(m)
Span Num							Height	N/A		(m)
Material	Cast-in	-place concr	ete				Count	N/A	1.00	
Туре		N/A					Quantity	2	207.873	(Sq.m)
Env't	!	Benign 🗌	Mode	erate 🛛	Sev	ere 🗌	Not Inspected			
Location						Description		_		
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Mainten	ance Ne	eds
Data	Sq.m	0.000	72.756	72.756	62.362					
Comments									CR =	6
Concrete in the locations (appr				d scaling with	exposed corr	oded reinforcen	nent throughout. many			
Performance D	Deficienci	es								
0-None										



## **Bridge Inspection Form**

Struct. ID		03B	004							
Element Data	l									
Group	Decks						Length	1	98.82	(m)
Element	Wearing	g surface					Width		7.32	(m)
Span Num							Height			(m)
Material	Cast-in	-place concr	ete				Count	N/A	1.00	
Туре		N/A					Quantity	1,454	4.368	(Sq.m)
Env't		Benign 🗌	Mode	erate 🗌	Seve	ere 🛛	Not Inspected			
Location						Description				
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenan	nce Ne	eds
Data	Sq.m	0.000	727.184	654.466	72.718					
Comments									CR =	5
							ncrete patches, light scaling sed corroded reinforcing			
Performance D	Deficienci	ies								
9-Rough Ridir	ng Surfac	е								
10-Surface Po	nding									



## **Bridge Inspection Form**

Struct. ID		03B	004							
Element Data	1									
Group	Embanl	kments & Strea	ams				Length	N/A		(m)
Element	Emban	kments					Width	N/A		(m)
Span Num							Height	N/A		(m)
Material		N/A					Count	N/A	6.00	
Туре		N/A					Quantity		6.000	(Each)
Env't		Benign 🗌	Mode	erate 🗌	Sev	ere 🗌	Not Inspected			
Location						Description				
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Mainten	ance Ne	eds
Data ———	Each	0.000	6.000	0.000	0.000					
Performance I 0-None			)							42
Group	Embanl	kments & Strea	ams				Length	N/A		(m)
Element	Slope p	rotection					Width	N/A		(m)
Span Num							Height	N/A		(m)
Material		N/A					Count	N/A	6.00	
Туре	Hand la	aid riprap					Quantity		6.000	(Each)
Env't		Benign 🗌	Mode	erate 🗌	Sev	ere 🗌	Not Inspected			
Location						Description		_		
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Mainten	ance Ne	eds
Data	Each	0.000	6.000	0.000	0.000					
Performance I 0-None	<b>Deficienc</b> i	ies							CR =	3



## **Bridge Inspection Form**

Struct. ID		03B	004							
Element Data	1									
Group	Emban	kments & Strea	ams				Length	N/A		(m)
Element	Stream	s and Waterwa	ays				Width	N/A		(m)
Span Num							Height	N/A		(m)
Material		N/A					Count	N/A	1.00	
Туре		N/A					Quantity		1.000	(All)
Env't		Benign 🗌	Mode	erate 🗌	Sev	ere 🗌	Not Inspected			
Location						Description				
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintena	ance Ne	eds
Data	All	0.000	1.000	0.000	0.000					
Performance I 0-None	Deficienc	ies								44
Group	Founda	tions					Length	N/A		(m)
Element	Founda	ation (below gr	ound level)				Width	N/A		(m)
Span Num							Height	N/A		(m)
Material	Cast-in	-place concre	ete				Count	N/A		
Туре	Spread	l					Quantity		1.000	(N/A)
Env't		Benign 🗌	Mode	erate 🗌	Sev	ere 🗌	Not Inspected	Х		
Location						Description				
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintena	ance Ne	eds
Data ———	N/A	1.000	0.000	0.000	0.000					
Performance I 0-None	<b>D</b> eficienc	ies							CR =	3



## **Bridge Inspection Form**

Struct. ID		03B	004						
Element Data	l								
Group	Joints						Length	7	7.32 (m)
Element	Armorir	ng/retaining de	vices				Width	N/A	(m)
Span Num							Height	N/A	(m)
Material	Steel						Count	3.	.00
Туре		N/A					Quantity	22.0	000 (m)
Env't		Benign 🗌	Mode	erate 🗌	Seve	ere 🛛	Not Inspected		
Location	Abut 1	and 2 and P	ier 2			Description	Finger Plates		
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance	Needs
Data ———	m	0.000	20.000	2.000	0.000				
Comments								Ci	R = 3
Light wear and	abrasion	١.							
7-Jammed Ex									46
Group	Joints						Length	7	'.32 (m)
Element	Armorir	ng/retaining de	vices				Width	N/A	(m)
Span Num							Height	N/A	(m)
Material	Steel						Count	2.	.00
Туре		N/A					Quantity	15.0	000 (m)
Env't		Benign 🗌	Mode	erate 🗌	Seve	ere 🛛	Not Inspected		
Location	At Pier	s 1 and 3				Description	Finger Plates		
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance	Needs
Data	m	0.000	15.000	0.000	0.000				
Comments								Ci	R = 4
Light wear and	abrasior	n, debris and g	ravel at the d	rain trough					
Performance D									
									47



## **Bridge Inspection Form**

Struct. ID		03B	004						
Element Data	l								
•	lainta						1	1	
Group Element	Joints Seals/s	oalants					Length	N1/A	(m)
	Ocais/s	Calants					Width	N/A N/A	7.32 (m)
Span Num							Height	IN/A	(m)
Material	_	N/A					Count		2.00
Туре		ession seal	Made	rata 🗆	Cov	ere 🛛	Quantity	<del>-  </del>	15.000 (m)
Env't		Benign	IVIOGE	erate	Sev	<u> </u>	Not Inspected		
Location		s 1 and 3	0	F-:-	Dana	Description	Perform. Deficiencies	Maintan	ance Needs
Condition Data	Unit	Excellent 0.000	Good 15.000	Fair 0.000	Poor 0.000	V. Poor	Perform. Deliciencies	iviainten	ance needs
Comments	m	0.000	13.000	0.000	0.000				CR = 4
Performance D									
									48
Group	Piers						Length	N/A	(m)
Element	Bearing	js					Width	N/A	(m)
Span Num							Height	N/A	(m)
Material		N/A					Count		8.00
Туре	Plate						Quantity		8.000 (Each)
Env't		Benign	Mode	erate 🗌	Sev	ere 🛛	Not Inspected		
Location		Pier/ Pier 2				Description		-	
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Mainten	ance Needs
Data	Each	0.000	0.000	0.000	8.000				
Comments									CR = 7
Light corrosion monitored.	. Most a	nchor bolts of	bearings are s	sheared off ar	id bearings ar	e not functioning	g as designed. Should be		
Performance D	eficienci	ies							
5-Seized Bear	ings								
Recommende	d Work			Catego	ry	Timing	Quantity	Unit Cost	Total Cost (\$)
BG312 Rehal	o. Sliding	Plate Bearing	g (ea)	None		1 - 5 year		3500	49



## **Bridge Inspection Form**

Struct. ID		03B	004							
Element Data	a									
Group	Piers						Length	N/A		(m)
Element	Bearing	gs 					Width	N/A		(m)
Span Num							Height	N/A		(m)
Material		N/A					Count		4.00	
Туре	Rocker						Quantity		4.000	(Each)
Env't		Benign 🗌	Mode	erate X	Sev	ere 🗌	Not Inspected			
Location	Pier 1	and 3	·	1		Description				
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Mainter	ance Ne	eds
Data	Each	0.000	4.000	0.000	0.000					
Comments									CR =	3
Rock bearings	of the Tr	usses. light co	orrosion. light	spall around l	pearing seat g	rout.				
Performance I 0-None	Jeficienc	ies								
0-None										
										50
_	D:						I			
Group	Piers						Length		0.99	(m)
Element	Piers Caps						Width		8.23	(m) (m)
-	Caps						Width Height		8.23 1.07	(m)
Element	Caps	ı-place concr	ete				Width Height Count		8.23 1.07 1.00	(m) (m) (m)
Element Span Num	Caps Cast-in	N/A					Width Height Count Quantity		8.23 1.07	(m) (m)
Element Span Num Material	Caps Cast-in			erate 🗌	Sev	ere 🗍	Width Height Count		8.23 1.07 1.00	(m) (m) (m)
Span Num Material Type	Caps Cast-in	N/A Benign X		erate	Sev	Description	Width Height Count Quantity Not Inspected		8.23 1.07 1.00 36.000	(m) (m) (m) (Sq.m)
Span Num Material Type Env't Location Condition	Caps Cast-in Center Unit	N/A Benign X Pier Excellent	Mode Good	Fair	Poor	1	Width Height Count Quantity	Mainter	8.23 1.07 1.00	(m) (m) (m) (Sq.m)
Span Num  Material Type Env't Location	Caps Cast-in	N/A Benign X	Mode			Description	Width Height Count Quantity Not Inspected	Mainter	8.23 1.07 1.00 36.000	(m) (m) (m) (Sq.m)
Span Num Material Type Env't Location Condition	Caps Cast-in Center Unit	N/A Benign X Pier Excellent	Mode Good	Fair	Poor	Description	Width Height Count Quantity Not Inspected	Mainter	8.23 1.07 1.00 36.000	(m) (m) (sq.m)
Element Span Num Material Type Env't Location Condition Data Comments	Caps Cast-in Center Unit Sq.m	N/A Benign X Pier Excellent 0.000	Good 34.000	Fair 2.000	Poor 0.000	Description	Width Height Count Quantity Not Inspected Perform. Deficiencies	Mainter	8.23 1.07 1.00 36.000	(m) (m) (sq.m)
Element Span Num Material Type Env't Location Condition Data Comments Pier cap under	Caps Cast-in Center Unit Sq.m	N/A Benign X Pier Excellent 0.000	Good 34.000	Fair 2.000	Poor 0.000	Description  V. Poor	Width Height Count Quantity Not Inspected Perform. Deficiencies	Mainter	8.23 1.07 1.00 36.000	(m) (m) (sq.m)
Element Span Num Material Type Env't Location Condition Data  Comments Pier cap under	Caps Cast-in Center Unit Sq.m	N/A Benign X Pier Excellent 0.000	Good 34.000	Fair 2.000	Poor 0.000	Description  V. Poor	Width Height Count Quantity Not Inspected Perform. Deficiencies	Mainter	8.23 1.07 1.00 36.000	(m) (m) (sq.m)
Element Span Num Material Type Env't Location Condition Data Comments Pier cap under	Caps Cast-in Center Unit Sq.m	N/A Benign X Pier Excellent 0.000	Good 34.000	Fair 2.000	Poor 0.000	Description  V. Poor	Width Height Count Quantity Not Inspected Perform. Deficiencies	Mainter	8.23 1.07 1.00 36.000	(m) (m) (sq.m)
Element Span Num Material Type Env't Location Condition Data  Comments Pier cap under	Caps Cast-in Center Unit Sq.m	N/A Benign X Pier Excellent 0.000	Good 34.000	Fair 2.000	Poor 0.000	Description  V. Poor	Width Height Count Quantity Not Inspected Perform. Deficiencies	Mainter	8.23 1.07 1.00 36.000	(m) (m) (sq.m)



## **Bridge Inspection Form**

Struct. ID		03B(	004						
Element Data									
Group	Piers						Length	1.2	2 (m)
Element	Caps						Width	10.5	2 (m)
Span Num							Height	1.2	2 (m)
Material	Cast-in	-place concre	ete				Count	2.0	)
Туре		N/A					Quantity	109.00	) (Sq.m)
Env't		Benign X	Mode	erate 🗌	Sev	ere 🗌	Not Inspected		
Location	Pier 1	and 3				Description			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance I	leeds
Data	Sq.m	0.000	86.400	21.600	1.000				
Comments								CR	= 5
Pier1: Spall at L	HS app	rox. 1sqm, sta	in surface, Pie	er3: stain surf	ace				
Performance De	oficiono	ios							
0-None	encienci	103							
0									
									52
Group	Piers						Lenath		
Group Element		columns/Pile B	Bents				Length Width	0.7	6 (m)
Element		columns/Pile B	Bents				Width	0.7	6 (m) 6 (m)
Element Span Num	Shafts/						Width Height	0.7 5.5	6 (m) 6 (m) 6 (m)
Element  Span Num  Material	Shafts/d	-place concre	ete	cap beam			Width Height Count	0.7 5.5 2.0	6 (m) 6 (m) 6 (m)
Element Span Num Material Type	Shafts/o	-place concre	ete olumns with o		Sev	ere $\Pi$	Width Height Count Quantity	0.7 5.5	6 (m) 6 (m) 6 (m)
Element  Span Num  Material  Type  Env't	Shafts/o Cast-in Conc re	-place concre ectangular co Benign X	ete		Sev	ere Description	Width Height Count	0.7 5.5 2.0 34.00	6 (m) 6 (m) 6 (m)
Element  Span Num  Material  Type  Env't  Location	Shafts/o	-place concre ectangular co Benign X	ete olumns with o		Sev		Width Height Count Quantity	0.7 5.5 2.0 34.00	6 (m) 6 (m) 6 (m) 0 (Sq.m)
Element  Span Num  Material  Type  Env't	Cast-in Conc re	-place concre ectangular co Benign X Pier	ete olumns with o	erate 🗌		Description	Width Height Count Quantity Not Inspected	0.7 5.5 2.0 34.00	6 (m) 6 (m) 6 (m) 0 (Sq.m)
Element  Span Num  Material  Type  Env't  Location  Condition Data	Cast-in Conc re	-place concreectangular constangular constan	ete olumns with o Mode Good	erate	Poor	Description	Width Height Count Quantity Not Inspected	0.7 5.5 2.0 34.00	6 (m) 6 (m) 7 (Sq.m)
Element  Span Num  Material  Type  Env't  Location  Condition	Cast-in Conc re Center Unit Sq.m	-place concreectangular constant   Benign X  Pier  Excellent  0.000	Good 28.000	Fair 6.000	Poor 0.000	Description V. Poor	Width Height Count Quantity Not Inspected Perform. Deficiencies	0.7 5.5 2.0 34.00	6 (m) 6 (m) 6 (m) 0 (Sq.m)
Element  Span Num  Material  Type  Env't  Location  Condition  Data  Comments	Cast-in Conc re Center Unit Sq.m	-place concreectangular constant   Benign X  Pier  Excellent  0.000	Good 28.000	Fair 6.000	Poor 0.000	Description V. Poor	Width Height Count Quantity Not Inspected Perform. Deficiencies	0.7 5.5 2.0 34.00	6 (m) 6 (m) 7 (Sq.m)
Element  Span Num  Material  Type  Env't  Location  Condition  Data  Comments	Cast-in Conc re Center Unit Sq.m	-place concreectangular constant   Benign X  Pier  Excellent  0.000	Good 28.000	Fair 6.000	Poor 0.000	Description V. Poor	Width Height Count Quantity Not Inspected Perform. Deficiencies	0.7 5.5 2.0 34.00	6 (m) 6 (m) 7 (Sq.m)
Element  Span Num  Material  Type  Env't  Location  Condition  Data  Comments  Staining, efflores	Cast-in Conc re Center Unit Sq.m	-place concreectangular constant   Benign X  Pier  Excellent  0.000	Good 28.000	Fair 6.000	Poor 0.000	Description V. Poor	Width Height Count Quantity Not Inspected Perform. Deficiencies	0.7 5.5 2.0 34.00	6 (m) 6 (m) 7 (Sq.m)
Element  Span Num  Material  Type  Env't  Location  Condition Data  Comments  Staining, efflores	Cast-in Conc re Center Unit Sq.m	-place concreectangular constant   Benign X  Pier  Excellent  0.000	Good 28.000	Fair 6.000	Poor 0.000	Description V. Poor	Width Height Count Quantity Not Inspected Perform. Deficiencies	0.7 5.5 2.0 34.00	6 (m) 6 (m) 7 (Sq.m)



## **Bridge Inspection Form**

Struct. ID		03B	004						
Element Data	1								
								_	
Group	Piers						Length	1.88	(m)
Element	Shafts/	columns/Pile E	Bents				Width	1.88	(m)
Span Num							Height	7.92	(m)
Material	Cast-in	-place concr	ete				Count	4.00	
Туре	Conc re	ectangular co	olumns with	cap beam			Quantity	238.000	(Sq.m)
Env't		Benign X	Mode	erate 🗌	Sev	ere 🗌	Not Inspected		
Location	Pier 1	and 3				Description			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance Ne	eeds
Data	Sq.m	0.000	213.000	23.000	2.000				
Comments								CR =	2
Approx 2m2 lig	ght spall a	at Pier 1. Stain	ing and efflore	escence on th	e surface. Nai	row to medium	vertical noticed.		_
Performance D	Deficienc	ies							
0-None									
									54
								1	
Group		lks/curbs					Length	199.38	(m)
Element	Sidewa Curbs	lks/curbs					Width	0.71	(m) (m)
-		lks/curbs							(m)
Element		lks/curbs					Width	0.71 3.37 2.00	(m) (m) (m)
Element Span Num	Curbs	N/A					Width Height	0.71 3.37	(m) (m) (m)
Element Span Num Material	Curbs		Mode	erate 🗌	Sev	ere 🛛	Width Height Count	0.71 3.37 2.00	(m) (m) (m)
Element Span Num Material Type	Curbs	N/A Benign 🔲	Mode	erate 🗌	Sev	ere 🛛	Width Height Count Quantity Not Inspected Steel grating	0.71 3.37 2.00 1,628.000	(m) (m) (m) (Sq.m)
Span Num Material Type Env't Location Condition	Other On dec	N/A Benign  ck Excellent	Good	Fair	Poor		Width Height Count Quantity Not Inspected	0.71 3.37 2.00	(m) (m) (m) (Sq.m)
Span Num Material Type Env't Location	Other On dec	N/A Benign 🔲				Description	Width Height Count Quantity Not Inspected Steel grating	0.71 3.37 2.00 1,628.000	(m) (m) (m) (Sq.m)
Span Num Material Type Env't Location Condition	Other On dec	N/A Benign  ck Excellent	Good	Fair	Poor	Description	Width Height Count Quantity Not Inspected Steel grating	0.71 3.37 2.00 1,628.000	(m) (m) (Sq.m)
Span Num Material Type Env't Location Condition Data	Other On dec	N/A Benign Ck Excellent 0.000	Good 814.000	Fair	Poor	Description	Width Height Count Quantity Not Inspected Steel grating	0.71 3.37 2.00 1,628.000	(m) (m) (Sq.m)
Element Span Num Material Type Env't Location Condition Data Comments Light to medium	Other On dec Unit Sq.m	N/A Benign Ck Excellent 0.000 on of the cross	Good 814.000	Fair	Poor	Description	Width Height Count Quantity Not Inspected Steel grating	0.71 3.37 2.00 1,628.000	(m) (m) (Sq.m)
Element Span Num Material Type Env't Location Condition Data  Comments Light to medium Performance E	Other On dec Unit Sq.m Oeficience	N/A Benign Ck Excellent 0.000 on of the cross	Good 814.000	Fair	Poor	Description	Width Height Count Quantity Not Inspected Steel grating	0.71 3.37 2.00 1,628.000	(m) (m) (Sq.m)
Element Span Num Material Type Env't Location Condition Data Comments Light to medium	Other On dec Unit Sq.m Oeficience	N/A Benign Ck Excellent 0.000 on of the cross	Good 814.000	Fair	Poor	Description	Width Height Count Quantity Not Inspected Steel grating	0.71 3.37 2.00 1,628.000	(m) (m) (Sq.m)
Element Span Num Material Type Env't Location Condition Data  Comments Light to medium Performance E	Other On dec Unit Sq.m Oeficience	N/A Benign Ck Excellent 0.000 on of the cross	Good 814.000	Fair	Poor	Description	Width Height Count Quantity Not Inspected Steel grating	0.71 3.37 2.00 1,628.000	(m) (m) (Sq.m)



## **Bridge Inspection Form**

Element Data	1									
-										
-										
E1 4	Trusses	Arches					Length		39.60	(m)
Element	Bottom	chords					Width		0.31	(m)
Span Num							Height		0.33	(m)
Material	Steel						Count		2.00	
Туре		N/A					Quantity	61	3.000	(Sq.m)
Env't		Benign 🗌	Mode	erate 🗌	Sev	ere 🛛	Not Inspected			
Location	T1 and	T2				Description				
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenar	nce Ne	eds
Data	%	0.000	88.000	12.000	0.000					
Comments									CR =	3
Flaking and se	ction loss	less than 10%	6 connection	, bolts rusted,	paint peeling	•				
										56
Group	Trusses	Arches					Length	N/A		(m)
Element	Connec	tions					Width	N/A		(m)
Span Num							Height	N/A		(m)
Material	Steel						Count		80.00	
Туре		N/A					Quantity	8	0.000	(Each)
Env't		Benign 🗌	Mode	erate 🛛	Sev	ere 🗌	Not Inspected			
Location	T1 (Sp	an 2)				Description	5/8" gusset plates			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenar	nce Ne	eds
Data	Each	0.000	40.000	40.000	0.000					
Comments Connections a loss. gussets, Performance E 1-Load Carryin	washers o	corroded & les			ight to mediur	n corroded, flaki	ing & less than 10% section		CR =	<u>4</u> 57



## **Bridge Inspection Form**

Struct. ID		03B	004						
Element Data	a								
Group		s/Arches					Length	43.46	(m)
Element	Top cho	ords					Width	0.53	(m)
Span Num							Height	0.38	(m)
Material	Steel						Count	2.00	
Туре		N/A					Quantity	1,274.000	(Sq.m)
Env't		Benign X	Mode	erate 🗌	Sev	ere 🗌	Not Inspected		
Location	T1 and	T2				Description			
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance Nee	eds
Data ———	Sq.m	1,010.000	240.000	24.000	0.000				
Comments								CR =	2
Light rusting, n	ninor pair	nt peeling at so	ome area						
Performance I	Deficienc	ies							
0-None									
									58
-		s/Arches					Length		(m)
Element		s/Arches ls/diagonals					Length Width	0.31	(m) (m)
-	Vertical								(m)
							Width	0.31 55.47 8.00	(m) (m) (m)
Element Span Num	Vertical						Width Height	0.31 55.47 8.00	(m) (m)
Element Span Num Material	Vertical Steel	s/diagonals	Mode	erate 🗌	Sev	ere 🛚	Width Height Count	0.31 55.47 8.00	(m) (m) (m)
Span Num Material Type	Vertical Steel	N/A Benign	Mode	erate 🗌	Sev	ere 🛛	Width Height Count Quantity	0.31 55.47 8.00	(m) (m) (m)
Span Num Material Type Env't Location Condition	Vertical Steel	N/A Benign	Mode	erate	Sev		Width Height Count Quantity	0.31 55.47 8.00	(m) (m) (m) (Sq.m)
Span Num Material Type Env't Location	Vertical Steel T1 and	N/A Benign  T2		Г		Description	Width Height Count Quantity Not Inspected	0.31 55.47 8.00 948.000	(m) (m) (m) (Sq.m)
Span Num Material Type Env't Location Condition	Steel T1 and Unit	N/A Benign  T2 Excellent	Good	Fair	Poor	Description	Width Height Count Quantity Not Inspected	0.31 55.47 8.00 948.000	(m) (m) (m) (Sq.m)
Span Num Material Type Env't Location Condition Data  Comments	Steel T1 and Unit Sq.m	N/A Benign  T2 Excellent 379.200	Good 284.400	Fair 284.400	Poor 0.000	Description V. Poor	Width Height Count Quantity Not Inspected	0.31 55.47 8.00 948.000	(m) (m) (m) (Sq.m)
Element Span Num Material Type Env't Location Condition Data Comments Light rusting and	Steel T1 and Unit Sq.m	N/A Benign  T2 Excellent 379.200	Good 284.400	Fair 284.400	Poor 0.000	Description V. Poor	Width Height Count Quantity Not Inspected Perform. Deficiencies	0.31 55.47 8.00 948.000	(m) (m) (m) (Sq.m)
Element Span Num Material Type Env't Location Condition Data  Comments Light rusting and Performance I	Steel T1 and Unit Sq.m	N/A Benign  T2 Excellent 379.200	Good 284.400	Fair 284.400	Poor 0.000	Description V. Poor	Width Height Count Quantity Not Inspected Perform. Deficiencies	0.31 55.47 8.00 948.000	(m) (m) (m) (Sq.m)
Element Span Num Material Type Env't Location Condition Data Comments Light rusting and	Steel T1 and Unit Sq.m	N/A Benign  T2 Excellent 379.200	Good 284.400	Fair 284.400	Poor 0.000	Description V. Poor	Width Height Count Quantity Not Inspected Perform. Deficiencies	0.31 55.47 8.00 948.000	(m) (m) (m) (Sq.m)
Element Span Num Material Type Env't Location Condition Data  Comments Light rusting and Performance I	Steel T1 and Unit Sq.m	N/A Benign  T2 Excellent 379.200	Good 284.400	Fair 284.400	Poor 0.000	Description V. Poor	Width Height Count Quantity Not Inspected Perform. Deficiencies	0.31 55.47 8.00 948.000	(m) (m) (m) (Sq.m)



# **Bridge Inspection Form**

Struct. ID	03B004									
Element Data	l									
Group	Trusses/Arches						Length	44.43	(m)	
Element	Verticals/diagonals					Width	0.31 (m)			
Span Num							Height	0.27	(m)	
Material	Steel						Count	8.00		
Туре		N/A					Quantity	818.000	(Sq.m)	
Env't		Benign 🗌	Mode	erate 🗌	Sev	ere 🛛	Not Inspected			
Location	T1 and	T2				Description				
Condition	Unit	Excellent	Good	Fair	Poor	V. Poor	Perform. Deficiencies	Maintenance Ne	eds	
Data	Sq.m	327.200	245.400	245.400	0.000					
Comments								CR =	3	
Light corrosion	and pair	nt peeling up to	o 6m height, fl	aking up to 3r	n height (spla	sh zone). Top po	ortion are in good condition.			
Performance D	Deficienci	ies								
0-None										



# **Bridge Inspection Form**

**Struct. ID** 03B004

Recommended Work ( Element Level )							
	2	Time					Estimated
Element	Repair / Rehabilitation		<u>Urgent</u>	< 1 year	<u>1 - 5 year</u>	<u>6 - 10 year</u>	Cost (\$)
Piers / Bearings / Plate	BG312 Rehab. Sliding Plate Bearing (ea)				Х		
Decks / Deck top / Cast-in-place concrete on supports	CO203 Patch deck, w/p, and potholes						4,000
Decks / Deck top / Cast-in-place concrete on supports	CO203 Patch deck, w/p, and potholes				Х		160,000
Total Cost							

Recommended Work ( Structure Level )					
Associated Work	<u>Comments</u>		Estimated Cost (\$)		
Approaches					
Detours					
Other					
Traffic Control					
Utilities					
	Тс	otal Cost			
	Grand To	tal Cost:	\$164,000		



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Rock Bearing at Pier 3, pit on the steel

Elem Grp/Class Piers/Bearings
Elem Type Hinge
Sub Element
Material Type
Locator Above
Defect Descript1 Light

File Name DSCN2202 (Medium).JPG



## Description

Defect Descript2

Defect Other

Defect

Other

Floor beam at Span 1, pier 1, light corrosion

Corrosion

Elem Grp/Class

Elem Type
Sub Element
Material Type
Locator
Defect Descript1

Beams/MLE's/Floor Beams
I type
Intermediate
Steel

File Name DSCN2205 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Vertical L7U7, Span 4, D/S

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Steel

Trusses/Arches/Verticals/diagonals

File Name

DSCN2206 (Medium).JPG



## Description

Defect Other

Floor Beam at Pier 1

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Beams/MLE's/Floor Beams

I type End Steel

File Name DSCN2208 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Span 2, Girder 4 at Pier 1, section loss 2mm, area 200x200mm

Elem Grp/Class

Elem Type

Sub Element Material Type

Locator

Defect Descript1

Defect Descript2

Defect Other Beams/MLE's/Girders

I type

End Steel

File Name

DSCN2209 (Medium).JPG



### Description

Span 1, Floor beam at L10

Elem Grp/Class

Elem Type

Sub Element

**Material Type** 

Locator

Defect Descript1

**Defect Descript2** 

Defect

Other

Beams/MLE's/Floor Beams

I type

Intermediate

Steel

File Name DSCN2210 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Exterior girder at Span 2, typical

Elem Grp/Class **Elem Type Sub Element Material Type** Locator **Defect Descript1** 

**Defect Descript2** 

Defect Other

Beams/MLE's/Girders

End Steel

I type

File Name

DSCN2211 (Medium).JPG



### Description

Exterior girder and intermediate diaphragm are in good condition

Elem Grp/Class **Elem Type Sub Element Material Type** Locator Defect Descript1 **Defect Descript2** Defect

Other

Beams/MLE's/Girders

I type Middle Steel

DSCN2214 (Medium).JPG File Name



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Floor Beam at Span 1, L10 (Pier 1) coat peeled, section loss 0.5mm on web

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator

Defect Descript1
Defect Descript2

Defect Other Beams/MLE's/Floor Beams

I type

Intermediate

Steel

File Name

DSCN2218 (Medium).JPG



### Description

Rock bearing at Pier1, U/S, functioning as intended

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Piers/Bearings

Hinge

File Name DSCN2221 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Debris on top of Pier 1

Elem Grp/Class

Elem Type

**Sub Element** 

**Material Type** 

Locator

**Defect Descript1** 

**Defect Descript2** 

Defect

Other

Piers/Caps

Cast-in-place concrete

File Name

DSCN2223 (Medium).JPG



### Description

Exterior girder at Span1, Pier 1 D/S, section loss 2mm area 100x100mm

Elem Grp/Class

om Grp/Glass

Elem Type

Sub Element

Material Type

Locator

**Defect Descript1** 

**Defect Descript2** 

Defect

Other

Beams/MLE's/Girders

I type

End

Steel

File Name DSCN2224 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Concrete in the exterior soffit had severe spalls and scaling with exposed corroded reinforcement throughout.

Elem Grp/Class

Elem Type

**Sub Element** 

**Material Type** 

Locator

**Defect Descript1** 

**Defect Descript2** 

Defect

Other

Decks/Soffit - Thin Slab

Exterior

Cast-in-place concrete

File Name

DSCN2225 (Medium).JPG



## Description

Anchor bolt bent at Span1, Pier 3, exterior girder 1(U/S)

Elem Grp/Class

**Elem Type** 

Sub Element Material Type

Locator

Defect Descript1

**Defect Descript2** 

**Defect** 

Other

Piers/Bearings

Plate

File Name DSCN2227 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



#### Description

Coat peeled, section loss up to 3mm near bolts , Span 4, D/S at U3L3

Elem Grp/Class Elem Type

**Sub Element** 

**Material Type** 

Locator

Defect Descript1
Defect Descript2

Defect

Other

Trusses/Arches/Connections

Steel

File Name

DSCN2229 (Medium).JPG



### Description

Floor beam, have severe corrosion on the bottom of the web directly above the bottom flange. Section loss is 2-4 mm and is approx.. 10 mm high. Typical.

Elem Grp/Class

**Elem Type** 

Sub Element Material Type

Locator

Defect Descript1

Defect Descript2

Defect Other Beams/MLE's/Floor Beams

I type

Intermediate

Steel

File Name DSCN2230 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

FloAnchor blots of the girder bearings at Pier 3 are sheared off

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator

Defect Descript1
Defect Descript2

Defect Other Piers/Bearings

Plate

File Name

File Name

**RptInspection** 

DSCN2231 (Medium).JPG



### Description

**Sub Element** 

Material Type Locator

Defect Other

Defect Descript1
Defect Descript2

Gravel on the pier cap, Pier 2, D/S

Elem Type Piers/Caps

Cast-in-place concrete

DSCN2237 (Medium).JPG

2023/2/20 13:13



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Anchor bolt at Girder 1, Span 2at Pier2, sheared off

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator

Defect Descript1
Defect Descript2

Defect Other Piers/Bearings

Plate

File Name

DSCN2240 (Medium).JPG



### Description

Exterior girder at Pier2, Span3, D/S, coat peeled, minor section loss

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Beams/MLE's/Girders

I type End Steel

File Name DSCN2243 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Deck soffit of the truss span, typical in good condition

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Exterior

Cast-in-place concrete

Decks/Soffit - Thin Slab

File Name

DSCN2248 (Medium).JPG



### Description

Defect Other

Coat peeled and light corrosion at bottom chord without section loss

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect
Other

Coatings/Structural Steel

Unknown

File Name DSCN2249 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



#### Description

Coat peeled and light corrosion of the girders at span 3, no section loss

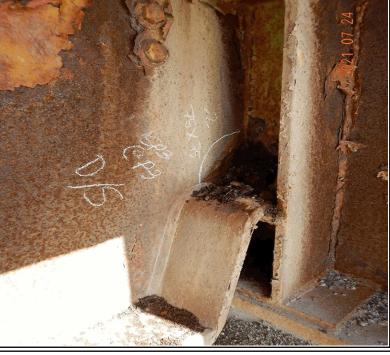
Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Beams/MLE's/Girders I type

Middle Steel

**File Name** 

DSCN2250 (Medium).JPG



### Description

Defect Other

Light steel corrosion of the steel girder #4 (D/S) at end, Span 3, at Pier 3  $\,$ 

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Beams/MLE's/Girders

I type End Steel

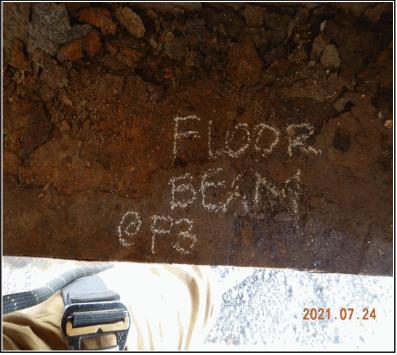
File Name DSCN2251 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



#### Description

End floor beams at P3 has section loss of up to 1 mm on the web

Elem Grp/Class Elem Type **Sub Element Material Type** Locator **Defect Descript1** 

**Defect Descript2** Defect

Other

Beams/MLE's/Floor Beams

I type

Intermediate

Steel

File Name

DSCN2254 (Medium).JPG



### Description

Coat peeled, light to medium section loss at floor beams at P3

Beams/MLE's/Floor Beams Elem Grp/Class I type **Elem Type** 

Intermediate **Sub Element Material Type** 

Defect Descript1 **Defect Descript2** 

**Defect** Other

Locator

Steel

File Name DSCN2258 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

light corrosion of the rock bearing at Pier 3 (D/S)

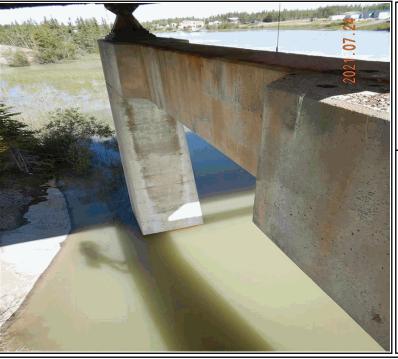
Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Piers/Bearings

Hinge

File Name

DSCN2260 (Medium).JPG



### Description

Defect Other

Concrete pier cap at P3 is in fair condition

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Piers/Caps

Cast-in-place concrete

File Name DSCN2265 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Girder1# (U/S) end support on end floor beam on P3

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

End Steel

I type

Beams/MLE's/Girders

File Name

DSCN2270 (Medium).JPG



### Description

Defect Other

Coat peeling at exterior girder. Concrete spalled at deck fascia

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Beams/MLE's/Girders

I type Middle Steel

File Name DSCN2271 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Underside of the sidewalk grating, typical light section loss

Elem Grp/Class

Elem Type

Sub Element

**Material Type** 

Locator

**Defect Descript1** 

**Defect Descript2** 

Defect

Other

Sidewalks/curbs/Curbs

Other

File Name

DSCN2272 (Medium).JPG



### Description

Rock earning at pier 3, U/S, light concrete spall of the grout pad.  $\,$ 

Elem Grp/Class

Elem Type

Sub Element Material Type

Locator

Defect Descript1

**Defect Descript2** 

Defect

Other

Piers/Bearings

Rocker

File Name DSCN2276 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



#### Description

End floor beam at Pier 3 has section loss of up to 1 mm on the web, 100mm height

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

I type End

Beams/MLE's/Floor Beams

Steel

File Name

DSCN2278 (Medium).JPG



### Description

Defect Other

Sway bracing at span4and deck soffit, typical in fair condition

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Bracing/Bracing

Intermediate Steel

File Name

DSCN2283 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Medium section loss at the bottom plate of Bearing at P3, U/S, concrete grout spalled

Elem Grp/Class Elem Type **Sub Element Material Type** Locator

**Defect Descript1 Defect Descript2** 

Defect Other

Piers/Bearings

Hinge

File Name

DSCN2285 (Medium).JPG



### Description

Steel girder anchor bolt sheared off, typical

**Elem Type Sub Element Material Type** Locator Defect Descript1

Elem Grp/Class

**Defect Descript2** 

Defect Other

Piers/Bearings

Hinge

DSCN2287 (Medium).JPG File Name



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Anchor bolts of the steel girder bearing at Pier 2 sheared off

Elem Grp/Class Elem Type

Sub Element Material Type

Locator

Defect Descript1
Defect Descript2

Defect

Other

Piers/Bearings

Plate

File Name

DSCN2289 (Medium).JPG



### Description

Looking from top, the truss elements are in good condition

Elem Grp/Class

**Elem Type** 

Sub Element

**Material Type** 

Locator

Defect Descript1

**Defect Descript2** 

Defect

Other

Trusses/Arches/Top chords

Steel

File Name

DSCN2291 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Top chord at Span 1

Elem Grp/Class
Elem Type

**Sub Element** 

**Material Type** 

Locator

Defect Descript1

**Defect Descript2** 

Defect

Other

Trusses/Arches/Top chords

Steel

File Name

DSCN2293 (Medium).JPG



### Description

Braces are in excellent condition

Elem Grp/Class

**Elem Type** 

Sub Element Material Type

Locator

Defect Descript1

**Defect Descript2** 

Defect

Other

Bracing/Bracing

Intermediate

Steel

File Name DSCN2295 (Medium).JPG



# **Bridge Inspection Form**

**Struct. ID** 03B004



### Description

Inspection of verticals, in good conditions

Elem Grp/Class

Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Control
Defect
Other

File Name DSCN2298 (Medium).JPG



### Description

Gusset plates and diagonals of Span 1 Truss at Pier 1, LUS

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect
Other

File Name DSCN4776 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Minor section loss on the gusset plates at Pier 1#, U/S

Elem Grp/Class **Elem Type Sub Element Material Type** Locator **Defect Descript1** 

**Defect Descript2** 

Defect Other

Trusses/Arches/Connections

Steel

File Name

DSCN4778 (Medium).JPG



### Description

End diagonal (L01) at Span 1 D/S, Coat peeled, no steel section loss.

Elem Grp/Class **Elem Type Sub Element Material Type** Locator **Defect Descript1 Defect Descript2** 

Steel

Trusses/Arches/Verticals/diagonals

Defect

Other

DSCN4780 (Medium).JPG File Name



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Verticals looking inside, typical, coat failure at splash zone, minor section loss

Steel

Elem Grp/Class Elem Type **Sub Element Material Type** Locator **Defect Descript1** 

**Defect Descript2** Defect

Other

File Name

DSCN4781 (Medium).JPG



### Description

Vertical L9U9 at span1, U/S, minor section loss 1-2 mm at small area,

Elem Grp/Class **Elem Type Sub Element Material Type** Locator Defect Descript1 **Defect Descript2** 

Defect Other

Trusses/Arches/Verticals/diagonals

Trusses/Arches/Verticals/diagonals

Steel

DSCN4784 (Medium).JPG File Name



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Floor beam typical, coat peeled, minor section loss

Elem Grp/Class
Elem Type

Sub Element Material Type

Locator

Defect Descript1

Defect Descript2

Defect Other Beams/MLE's/Floor Beams

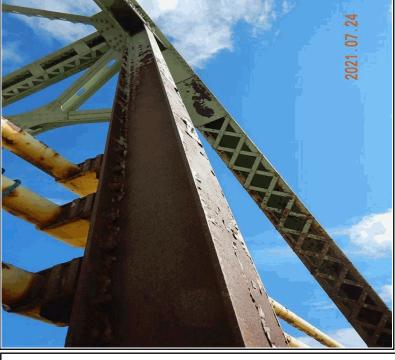
I type

Intermediate

Steel

File Name

DSCN4789 (Medium).JPG



### Description

Typical verticals, coating fail at splash zone, minor section loss

Elem Type Sub Element Material Type

Elem Grp/Class

Locator

Defect Descript1
Defect Descript2

Defect

Other

Trusses/Arches/Verticals/diagonals

Steel

File Name DSCN4790 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Diagonal (L7U8) D/S, coating fail at splash zone, minor section loss

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1

Steel

Defect Descript2
Defect

Other

File Name

DSCN4802 (Medium).JPG



### Description

Vertical U7L7, Span 1 , D/S, coating fail at splash zone, no section loss  $\,$ 

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Trusses/Arches/Verticals/diagonals

Trusses/Arches/Verticals/diagonals

Steel

File Name DSCN4803 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Connection at L7, Span 1, D/S

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Trusses/Arches/Connections

Steel

File Name

DSCN4805 (Medium).JPG



### Description

Defect Other

Floor beam, at Span 1, L7, coating failed, minor section loss

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Beams/MLE's/Floor Beams

I type

Intermediate

Steel

File Name DSCN4810 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Bottom chord, Span 1, D/S, debris has been cleaned.

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Steel

Trusses/Arches/Bottom chords

Defect Other

File Name

DSCN4814 (Medium).JPG



### Description

vertical L6U6, Span 1, D/S

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Trusses/Arches/Verticals/diagonals

Steel

File Name DSCN4816 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Diagonal L10U9, Span 1, D/S

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Trusses/Arches/Verticals/diagonals

Steel

File Name

DSCN4840 (Medium).JPG



### Description

Defect Other

Bottom Chord, span 4, D/S

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Trusses/Arches/Bottom chords

Steel

File Name DSCN4841 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Vertical U7L7, Span 2, D/S

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1

**Defect Descript2** 

Defect Other Steel

File Name

DSCN4870 (Medium).JPG



### Description

Diagonal L6U7, Span 2. D/S

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Trusses/Arches/Verticals/diagonals

Trusses/Arches/Verticals/diagonals

Steel

File Name DSCN4872 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



#### Description

Span 1, Floor beam at L1U1, D/S, section loss 1mm, area 300x30mm

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Beams/MLE's/Floor Beams

End Steel

I type

File Name

DSCN9194 (Medium).JPG



### Description

Defect Other

Span 1, Floor beam at L2U2, D/S, section loss 3-4mm, area 1000x90mm, bottom of the web

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Beams/MLE's/Floor Beams

I type

Intermediate

Steel

File Name DSCN9197 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Elements near bearing (U/S) at abutment 1#, looking Southeast

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

escript1 escript2

Defect Other Bracing/Bracing

Intermediate Steel

File Name

DSCN9204 (Medium).JPG



### Description

Diagonal, U1U2 at Span 4, U/S

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Trusses/Arches/Verticals/diagonals

Steel

File Name DSCN9209 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Gusset plat at Span 4, L3, U/S section loss at bolt

Elem Grp/Class Elem Type **Sub Element Material Type** Locator **Defect Descript1** 

**Defect Descript2** Defect

Other

Trusses/Arches/Connections

Steel

**File Name** 

DSCN9214 (Medium).JPG



### Description

Intermediate Floor Beams, on one face, have severe corrosion on the bottom of the web directly above the bottom flange. Section loss is 2-4 mm

Elem Grp/Class **Elem Type Sub Element Material Type** Locator **Defect Descript1 Defect Descript2** Defect

Other

Beams/MLE's/Floor Beams

Intermediate

Steel

I type

File Name DSCN9218 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Floor beam at Span 1, L1, U/S

Elem Grp/Class

**Elem Type** 

Sub Element

Material Type

Locator

Defect Descript1
Defect Descript2

Defect

Other

Beams/MLE's/Floor Beams

I type

Intermediate

Steel

**File Name** 

frank\_channel\_ert\_005 (Medium).JPG



## Description

Concrete in the exterior soffit had severe spalls and scaling with exposed corroded reinforcement throughout

Elem Grp/Class

Elem Type

Sub Element

**Material Type** 

Locator

**Defect Descript1** 

**Defect Descript2** 

Defect

Other

Decks/Soffit - Thin Slab

Exterior

Cast-in-place concrete

File Name

frank\_channel\_ert\_009 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



### Description

Bottom chord L3, at Span 1, D/S

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Trusses/Arches/Bottom chords

Steel

File Name

frank\_channel\_ert\_011 (Medium).JPG



### Description

Other

underside of sidewalk, steel grating, typical

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect
Other

Sidewalks/curbs/Curbs

Other

File Name

frank\_channel\_ert\_016 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



#### **Description**

coat peeled on the railing system and posts, typical. 8.

Barrier post 4 on south side of bridge in span 4 is bent to the west.

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Barriers/Railing Systems
3 Rail Metal Railing - Steel

Steel

File Name

frank\_channel\_ert\_018 (Medium).JPG



# Description

Defect Other

General view looking east

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Approaches/Wearing surface

Cast-in-place concrete

File Name IMG\_4072 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Concrete spalled with rebar exposed, Span 1

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Decks/Deck top

Cast-in-place concrete on supports

End

Cast-in-place concrete

File Name

IMG\_4077 (Medium).JPG



## Description

Defect Other

Deck joints at Abutment 1

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect
Other

File Name

IMG\_4092 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Inspection of truss elements, U/S

Elem Grp/Class **Elem Type** 

**Sub Element** 

**Material Type** 

Locator

**Defect Descript1 Defect Descript2** 

Defect

Other

Trusses/Arches/Bottom chords

Steel

File Name

IMG\_4108 (Medium).JPG



# Description

Concrete spall at abutment wall

Elem Grp/Class **Elem Type Sub Element Material Type** Locator Defect Descript1 **Defect Descript2** 

Defect Other

Cast-in-place concrete

Abutments/Wingwalls

Reinforced concrete

IMG\_4110 (Medium).JPG File Name



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Concrete spall at bearing seat, Abut 1 U/S

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator

Defect Descript1
Defect Descript2

Defect Other Abutments/Bearings

Rocker

File Name

IMG\_4111 (Medium).JPG



## Description

Abutment wall at Abut 1 is in good condition, heaslope slightly setteled

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Abutments/Abutment walls
Conventional closed

Cast-in-place concrete

File Name IMG\_4112 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

End floor beams at abutment 1 has section loss of 1 -2mm on the web.

I type

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Beams/MLE's/Floor Beams

End Steel

File Name

IMG\_4118 (Medium).JPG



## Description

Defect Other

Gully at Abutment 1, D/S, bearing seat

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect
Other

Abutments/Bearings

Rocker

File Name IMG\_4121 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Debris/gravel on the drain trough, Abut 1

Elem Grp/Class Elem Type **Sub Element Material Type** Locator **Defect Descript1** 

**Defect Descript2** 

Defect Other

Joints/Armoring/retaining devices

Steel

File Name

IMG\_4129 (Medium).JPG



## Description

Headslope without slope protection at Abutment1

**Elem Type Sub Element Material Type** Locator Defect Descript1

**Defect Descript2** 

Defect Other

Embankments & Streams/Slope pr

IMG\_4131 (Medium).JPG File Name



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Steel grating sidewalk, D/S looking east

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Other

Sidewalks/curbs/Curbs

File Name IMG\_4135 (Medium).JPG



## Description

Defect Other

Concrete parapet at Abutment 1, U/S

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect
Other

Barriers/Posts

Cast-in-place concrete

File Name IMG\_4137 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Turndown end treatment W-Beam guardrail at Southeast

Elem Grp/Class Elem Type

Sub Element

Material Type

Locator

Defect Descript1
Defect Descript2

Defect

Other

Approaches/Sidewalk/Curb

Cast-in-place concrete

File Name

IMG\_4140 (Medium).JPG



## Description

River name sign at west approach

Elem Grp/Class

**Elem Type** 

Sub Element

**Material Type** 

Locator

Defect Descript1

**Defect Descript2** 

Defect

Other

Attachments, Signs, and Utilities/S

File Name IMG\_4142 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



#### Description

Chip seal wearing surface at Southeast

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Approaches/Wearing surface

Cast-in-place concrete

File Name

IMG\_4143 (Medium).JPG



## Description

Other

No connection and transition between bridge rail /parapet and W-beam guardrail at approach

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Barriers/Railing Systems

Steel Flex Beam on wood post

Steel

File Name IMG\_4144 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Wingwall and parapet at Northwest, Abutment 1, typical

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Abutments/Wingwalls Reinforced concrete

Cast-in-place concrete

**File Name** 

IMG\_4149 (Medium).JPG



## Description

Defect Other

Concrete spall at bearing seat, Abutment 2, Southeast has been repaired

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Abutments/Bearings

Rocker

File Name IMG\_4151 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Rust pack at Abutment 1, D/S

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

1

Bracing/Bracing

End

Steel

File Name

IMG\_4153 (Medium).JPG



## Description

Defect Other

Abutment 2 roof slab, concrete in good condition

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Approaches/Approach slabs

Cast-in-place concrete

File Name IMG\_4155 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

efflorescence on the underside of roof slab at Abutment 2

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Approaches/Approach slabs

Cast-in-place concrete

File Name

IMG\_4156 (Medium).JPG



## Description

Defect Other

Stain of the rust rebar on the backwall

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Abutments/Abutment walls
Conventional closed

Cast-in-place concrete

File Name IMG\_4157 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Rock bearing at Abut 2, D/S, rotated toward abutment

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1

Rocker

Abutments/Bearings

Defect Descript2
Defect

Other

File Name

IMG\_4158 (Medium).JPG



## Description

Wingwall at Northeast

Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect
Other

Elem Grp/Class

Abutments/Wingwalls

Reinforced concrete

Cast-in-place concrete

File Name IMG\_4160 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Bearing at Abutment 2, U/S, light corrosion

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator

Defect Descript1
Defect Descript2

Defect Other Abutments/Bearings Rocker

File Name

IMG\_4161 (Medium).JPG



## Description

Pier 3, looking east

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Piers/Shafts/columns/Pile Bents
Conc rectangular columns with cap

Cast-in-place concrete

File Name IMG\_4174 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Pier 2, fair condition

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Cast-in-place concrete

Piers/Caps

File Name

IMG\_4176 (Medium).JPG



## Description

Defect Other

Span 2, typical girders and deck soffit

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Decks/Soffit - Thin Slab

Interior

Cast-in-place concrete

File Name IMG\_4180 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



#### Description

Abutment 2, head slope protection and deck soffit of the Span 4, looking east

Elem Grp/Class **Elem Type** 

**Sub Element** 

**Material Type** 

Locator

**Defect Descript1** 

**Defect Descript2** 

Defect

Other

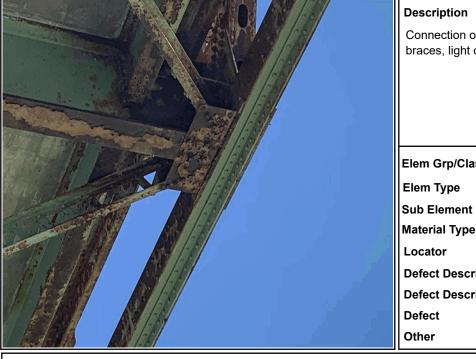
Decks/Soffit - Thin Slab

End

Cast-in-place concrete

File Name

IMG\_4187 (Medium).JPG



# Description

Connection of the bottom chord/floor beam and braces, light corrosion typical

Trusses/Arches/Connections Elem Grp/Class

Locator

**Defect Descript1** 

**Defect Descript2** 

Defect Other

Steel

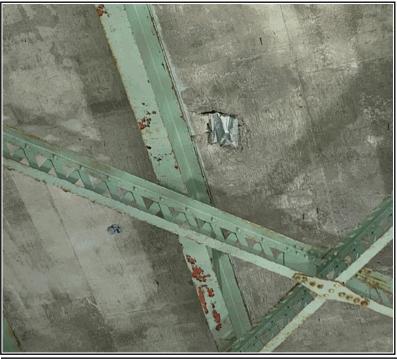
IMG\_4190 (Medium).JPG File Name



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Punch through hole at the span 1, 200mmx200mm, repaired

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Interior

Decks/Soffit - Thin Slab

Cast-in-place concrete

File Name

IMG\_4194 (Medium).JPG



## Description

Defect Other

Pier 1 looking east

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect
Other

Piers/Shafts/columns/Pile Bents

Conc rectangular columns with caเ

Cast-in-place concrete

File Name IMG\_4204 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Deck soffit atNear Pier 1, good condition

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Decks/Soffit - Thin Slab

Cast-in-place concrete

End

File Name

IMG\_4205 (Medium).JPG



## Description

Pier 1

Other

Defect Other

Elem Grp/Class

Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

File Name

IMG\_4206 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Underside of the Span1, looking west

Elem Grp/Class Elem Type

Sub Element Material Type

Locator

Defect Descript1
Defect Descript2

Defect

Other

Beams/MLE's/Stringers

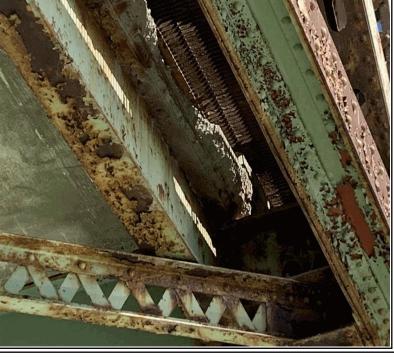
I type

Intermediate

Steel

File Name

IMG\_4207 (Medium).JPG



## Description

Concrete in the exterior soffits had severe spalls and scaling with exposed corroded reinforcement throughout.

Elem Grp/Class

Elem Type

Sub Element

Material Type

Locator

**Defect Descript1** 

**Defect Descript2** 

Defect

Other

Decks/Soffit - Thin Slab

Exterior

Cast-in-place concrete

File Name IMG\_4218 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



#### Description

Concrete in the exterior soffits had severe spalls and scaling with exposed corroded reinforcement throughout.

Elem Grp/Class

**Elem Type** 

Sub Element

**Material Type** 

Locator

**Defect Descript1** 

**Defect Descript2** 

Defect

Other

Decks/Soffit - Thin Slab

Exterior

Cast-in-place concrete

File Name

IMG\_4219 (Medium).JPG



## Description

Pier cap at Pier 3, concrete spalls at D/S

Elem Grp/Class

Elem Type

Sub Element

Material Type

Locator

**Defect Descript1** 

**Defect Descript2** 

Defect

Other

Piers/Caps

Cast-in-place concrete

File Name IMG\_4227 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Pier cap at Pier 3, concrete spalls at U/S

Elem Grp/Class Elem Type

**Sub Element** 

**Material Type** 

Locator

Defect Descript1

**Defect Descript2** 

Defect

Other

Piers/Caps

Cast-in-place concrete

File Name

IMG\_4228 (Medium).JPG



# Description

General view looking north

Elem Grp/Class Tru

**Elem Type** 

Sub Element

Material Type

Locator

Defect Descript1

**Defect Descript2** 

Defect

Other

Trusses/Arches/Top chords

Steel

File Name IMG\_4231 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

General view looking south

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator

Defect Descript1

Defect Descript2
Defect

Other

Trusses/Arches/Top chords

Steel

File Name

IMG\_4243 (Medium).JPG



## Description

Patching area and delamination area at Span 2

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Decks/Deck top

Cast-in-place concrete on supports

Middle

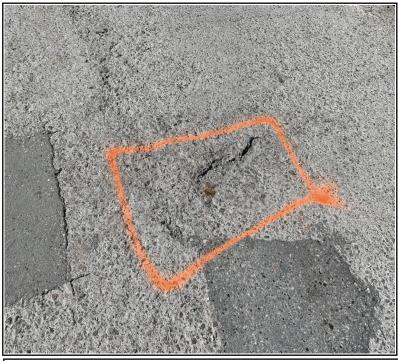
Cast-in-place concrete

File Name IMG\_4246 (Medium).JPG



# **Bridge Inspection Form**

**Struct. ID** 03B004



## Description

Concrete spall are 300x 500mm

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Decks/Deck top

Cast-in-place concrete on supports

Middle

Cast-in-place concrete

File Name

IMG\_4253 (Medium).JPG



## Description

Other

Other

Concrete spall at Span 1, U/S

Elem Grp/Class

Elem Type

Sub Element

Material Type

Locator

Defect Descript1

Defect

Defect

Defect

Decks/Deck top

Cast-in-place concrete on supports

Middle

Cast-in-place concrete

Locator

Defect Descript1

Defect Descript2

Defect

File Name

IMG\_4254 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



#### Description

Concrete in the exterior soffits had severe spalls and scaling with exposed corroded reinforcement throughout

Elem Grp/Class

Elem Type

Sub Element

**Material Type** 

Locator

**Defect Descript1** 

Defect Descript2

Defect

Other

Decks/Soffit - Thin Slab

Exterior

Cast-in-place concrete

File Name

IMG\_4258 (Medium).JPG



# Description

Concrete in the exterior soffits had severe spalls and scaling with exposed corroded reinforcement throughout

Elem Grp/Class

Elem Type

Sub Element

Material Type

Locator

**Defect Descript1** 

**Defect Descript2** 

Defect

Other

Decks/Soffit - Thin Slab

Exterior

Cast-in-place concrete

File Name IMG 4262 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Concrete spall with exposed rebar at Abutment 2, U/S

Elem Grp/Class

**Elem Type** 

Sub Element

**Material Type** 

Locator

**Defect Descript1** 

**Defect Descript2** 

Defect

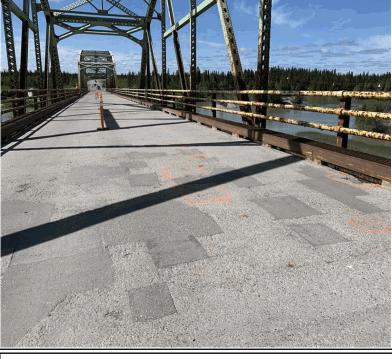
Other

Barriers/Posts

Cast-in-place concrete

**File Name** 

IMG\_4263 (Medium).JPG



## Description

Patching area and delamination area at Span 4

Elem Grp/Class

Elem Type

**Sub Element** 

Material Type

Locator

Defect Descript1

**Defect Descript2** 

Defect

Other

Decks/Deck top

Cast-in-place concrete on supports

Middle

Cast-in-place concrete

File Name IMG\_4270 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Concrete wearing surface at Span 1, looking west

Decks/Deck top Elem Grp/Class Cast-in-place concrete on supports Elem Type Middle **Sub Element** Cast-in-place concrete **Material Type** Locator **Defect Descript1 Defect Descript2** 

File Name

IMG\_4282 (Medium).JPG



# Description

Other

	Steel grating sidewalk, light	t corrosion
	Elem Grp/Class	Sidewalks/curbs/Curbs
	Elem Type	
	Sub Element	
	Material Type	Other
	Locator	
	Defect Descript1	
	Defect Descript2	
	Defect	
The same of the sa	Other	

File Name

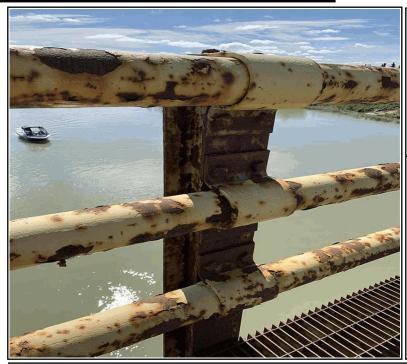
IMG\_4284 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Typical bridge rail post, typical

Elem Grp/Class

Elem Type

Sub Element

Material Type

Locator

**Defect Descript1** 

**Defect Descript2** 

Defect

Other

Barriers/Posts

Cast-in-place concrete

**File Name** 

IMG\_4290 (Medium).JPG



## Description

Top railing, coat peeled, light corrosion, no section loss

Elem Grp/Class

**Elem Type** 

Sub Element

Material Type

Locator

**Defect Descript1** 

**Defect Descript2** 

Defect

Other

Barriers/Railing Systems

3 Rail Metal Railing - Steel

Steel

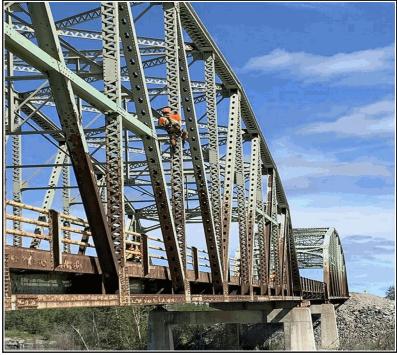
File Name IMG\_4300 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Inspection of the truss elements, span 1, U/S

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1

Steel

Defect Descript2
Defect
Other

File Name

IMG\_4308 (Medium).JPG



## Description

Deck joint drain trough at Abut 2

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Joints/Armoring/retaining devices

Trusses/Arches/Verticals/diagonals

Steel

File Name IMG\_4311 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Span 1 @ U1 portal frame has impact damage

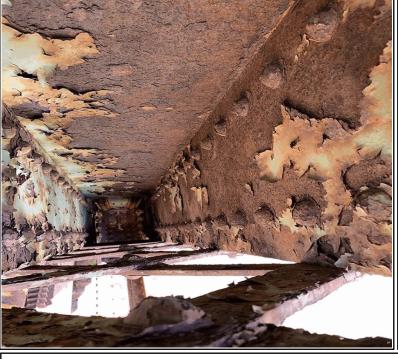
Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Bracing/Bracing

Intermediate Steel

File Name

IMG\_4312 (Medium).JPG



## Description

Other

Underside of diagonals have light to medium corrosion throughout at splash zone

Elem Grp/Class

Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect
Other

File Name

IMG\_4324 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Coat peeled and failed

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator

Defect Descript1

Defect Descript2
Defect

Other

Coatings/Railing Systems / Hand F

Unknown

r

File Name

IMG\_4326 (Medium).JPG



## Description

Defect Descript1
Defect Descript2

Defect Other

Inspection of the truss elements,top portion of the truss elements are in excellent condition

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator

Trusses/Arches/Top chords

Steel

File Name IMG\_4337 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Typical stringers and connection to the floor beam

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1

**Defect Descript2** 

Defect Other Beams/MLE's/Stringers

I type
Intermediate
Steel

File Name

JD001955 (Medium).JPG



## Description

Debris/gravel at bottom chord

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Trusses/Arches/Bottom chords

Steel

File Name JD001958 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Severe corrosion on the bottom of the web directly above the bottom flange. Section loss is 2-4 mm

Elem Grp/Class **Elem Type Sub Element Material Type** Locator

**Defect Descript1 Defect Descript2** 

Defect Other

Beams/MLE's/Floor Beams

I type

Intermediate

Steel

File Name

JD001959 (Medium).JPG



# Description

L8U9 at Span 4, D/S

**Elem Type Sub Element Material Type** Locator Defect Descript1

Elem Grp/Class

**Defect Descript2** Defect

Other

Trusses/Arches/Verticals/diagonals

Steel

JD001961 (Medium).JPG File Name



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Floor beam at Span 4, 4mm section loss at bottom of web

Elem Grp/Class

Elem Type

Sub Element

Material Type

Locator

Defect Descript1
Defect Descript2

Defect

Other

Beams/MLE's/Floor Beams

I type

Intermediate

Steel

File Name

JD001982 (Medium).JPG



## Description

Elements on top portion of the truss (Span 1) are in excellent condition

Elem Grp/Class

**Elem Type** 

Sub Element Material Type

Locator

Defect Descript1

**Defect Descript2** 

Defect

Other

Bracing/Bracing

Intermediate

Steel

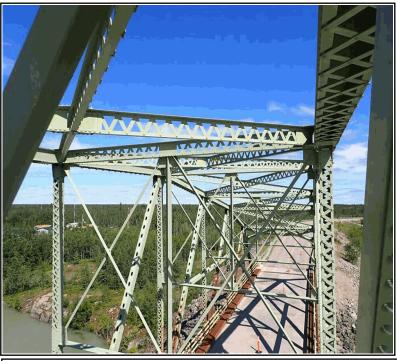
File Name JD001986 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Elements on top portion of the truss (Span 4) are in excellent condition

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Steel

Bracing/Bracing

Intermediate

File Name

JD001992 (Medium).JPG



## Description

Defect Other

Connection of top chords, verticals and diagonals, excellent condition

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Trusses/Arches/Connections

Steel

File Name JD001994 (Medium).JPG



# **Bridge Inspection Form**

Struct. ID

03B004



## Description

Pier 1, concrete spall 0.5x 0.5 sqm

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2

Cast-in-place concrete

Piers/Caps

File Name

DSCN2203 (Medium).JPG



## Description

Defect Other

Survey benchmark on the curb (U?S) Span 1

Elem Grp/Class
Elem Type
Sub Element
Material Type
Locator
Defect Descript1
Defect Descript2
Defect

Other

Sidewalks/curbs/Curbs

Other

File Name IMG\_4301 (Medium).JPG



# **Bridge Inspection Form**

**Struct. ID** 03B004