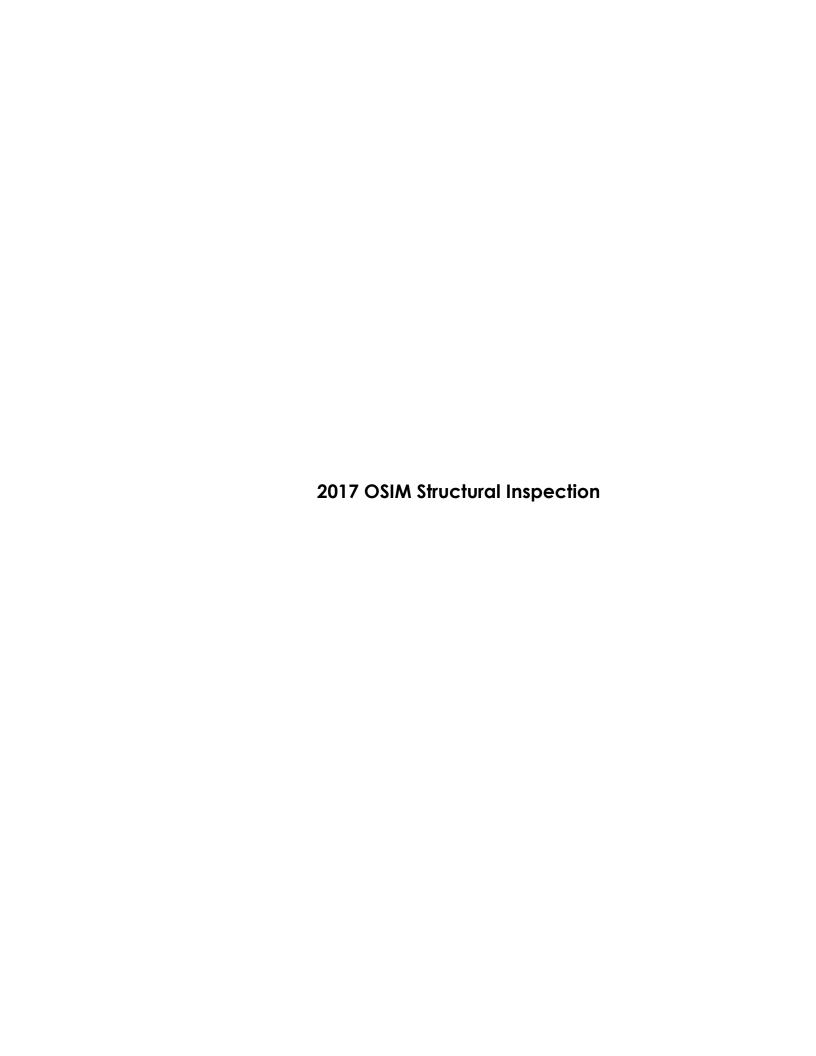
Appendix B

Existing Data



Mill Pond Bridge, On Mary Street East 0.35 km East of S	Lot 7, Conc III Under	O		
Mary Street East 0.35 km East of S	Under 🗌	O		
0.35 km East of S		Crossing Type	Non Navig. Wat	ter
Con				
44 20027	Sturgeon Road S	South		
44.29927		Longitude	-78.55544	
City of Kawartha	Lakes	Heritage Status	Not Cons.	S-00-00-00-00-00-00-00-00-00-00-00-00-00
Eastern		Road Class	Local	
Bancroft	Ĭ	Posted Speed	No of La	nes 1
Victoria		AADT 1	50 % Truck	s 2
Emily		Special Routes		1.5
Half-Through Tru	ISS	Detour Length Arc	ound Bridge	(km)
54.90	(m)	Fill on Structure		(m)
4.30	(m)	Skew Angle		(Degrees)
236.07	(m²)	Direction of Struct	ture East / V	Vest
3.80	(m)	Number of Spans	4	
9.60, 9.60, 9.60,	2 (m)			
1952		Last Biennial Insp	ection	2014
11 / 14 /23	(tonnes)	Last BridgeMaster	Inspection	
		Last Evaluation		1990
		Last Underwater 1	nspection	
	(m)	Last Condition Su	vey	
	Bancroft Victoria Emily Half-Through Tru 54.90 4.30 236.07 3.80 9.60, 9.60, 9.60, 1952 11 / 14 /23	Bancroft Victoria Emily Half-Through Truss 54.90 (m) 4.30 (m) 236.07 (m²) 3.80 (m) 9.60, 9.60, 9.60, 2 (m)	Bancroft Victoria Emily Special Routes Half-Through Truss Detour Length Arc 54.90 (m) Fill on Structure Skew Angle Direction of Struct Number of Spans 1952 11 / 14 /23 (tonnes) Last BridgeMaster Last Underwater I	Bancroft Posted Speed 50 No of Lat Victoria Emily Special Routes Half-Through Truss Detour Length Around Bridge 4.30 (m) Skew Angle Direction of Structure East / V 3.80 (m) Posted Speed 50 No of Lat AADT 150 % Trucks Special Routes Detour Length Around Bridge East / V Skew Angle Direction of Structure East / V Number of Spans 4 1952 Last Biennial Inspection Last BridgeMaster Inspection Last Evaluation Last Underwater Inspection

		Priority		E	stimated Cost
Rehabilitation / Re	eplacement Study	Normal			\$20,000.00
Detailed Deck Con	dition Survey	None			\$0.00
Structure Evaluation	on	None			\$0.00
Underwater Invest	tigation	None			\$0.00
Structure Monitori	ng	None			\$0.00
Load Posting - Esti	imated Load		Total	Cost	\$20,000.00
Investigation Note	es:			k-	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Next Detailed Insp	pection 09/09/2019	_			
lement Data Bridge Number		100010	Longth		
Element Group	Abutments	100018	Length Width	5.70	
Element Name	Abutment Walls		Height		
Location	East & West Underside	of Structure	Count	1.90	
Material	Concrete	or or details	Total Quantity		
Element Type	Reinforced Concrete W	'alls	Limited Inspec	7.1	
Environment	Benign		Performance D		00
Protection System	None		Maintenance N		00
_	Units	Excellent Go	ood Fair	Poor	
Condition Data	square metre		.16 1.50	1.00	
Comments					
Cracks with effloresc	de vertical crack at wes cence at west abutment				
	Replace: < 1 year				
Bridge Number		100018	Length		
Element Group	Abutments		Width	5.70	
Element Name	Ballast Walls	8	Height	0.90	
.ocation	East & West Underside	of Structure	Count	2	
	Concrete		Total Quantity		
Material				A	
Element Type	Reinforced Concrete W	alls	Limited Inspec		-
Element Type Environment	Moderate	alls	Performance D	eficiencie	
Element Type		alls		eficiencie	00

Comments						
Wide vertical cracks n	noted at west ballast wall.					
Recommended Wo	rk Replace: < 1 year					
Bridge Number		100	018	Length		
Element Group	Abutments			Width		
Element Name	Bearings			Height		
Location	On West Abutment Walls			Count	4	
Material	Steel			Total Quantity	4	
Element Type	Abutment Wall Bearing			Limited Inspec	tion 🗌	
Environment	Moderate			Performance D	eficiencie	00
Protection System	None			Maintenance N	eeds	00
Candisian Data	Units	Excellent	Go	od Fair	Poor	
Condition Data	each	0	4	0	0	
Comments						
Generally in good con	dition with light corrosion.					
Bridge Number Element Group	Abutments	100	0018	Length Width	2.50	
Element Name	Wingwalls				1.00	
Location	NE, NW, SE & SW of Structur	ro		Height Count	4	
Material	Concrete		一	Total Quantity	10.00	
Element Type	Reinforced Concrete Walls			Limited Inspect	A	
Environment	Moderate			Performance D		00
Protection System	None		一	Maintenance N		00
	Units	Excellent	God	_	Poor	00
Condition Data	square metre	0.00	7.00		1.50	
Comments		10.00	1,100	111.50	E130	1
	tegration at southwest wingwa	all.				
The state of the s	g. 200 at boddiffeot filligin					
Recommended Woi	rk Replace: < 1 year					
Bridge Number		100	018	Length		
Element Group	Accessories			Width		
Element Name	Signs			Height		
Location	NE, NW, SE & SW of Structur	re		Count	8	
Material	Steel			Total Quantity	8	
				· families		

Protection System N Condition Data		Excellent	God 7	Mainte	mance De nance Ne Fair		00
Condition Data Comments - 6 Hazard Signs and 2 L - Hazard sign at northwee Recommended Work	Jnits each Load Posting Signs		1		Fair	Poor	00
Condition Data e Comments - 6 Hazard Signs and 2 L - Hazard sign at northwee Recommended Work	Load Posting Signs		1	od			
Comments - 6 Hazard Signs and 2 L - Hazard sign at northwe Recommended Work	Load Posting Signs	0	7		1	0	
- 6 Hazard Signs and 2 L - Hazard sign at northwe Recommended Work							
- Hazard sign at northwee							
Bridge Number	None			- 1			
a contract of the contract of		100	018	Length		6.00	
Element Group A	pproaches			Width		3.80	
Element Name	Wearing Surface			Height			
Location E	ast & West of Structure			Count		2	
Material A	sphalt			Total C	uantity	45.60	
Element Type	sphalt Wearing Surface			Limited	d Inspect	ion	
Environment S	evere			Perfor	mance De	ficiencie	00
Protection System N	lone		1	Mainte	nance Ne	eeds	00
U Condition Data	Jnits	Excellent	God	od	Fair	Роог	
	quare metre	0.00	33.6	50	6.00	6.00	
- Severe cracks - Potholes - Settlement - Patched potholes							
Recommended Work	Replace: < 1 year						
Bridge Number		100	018	Length			
L'	arriers			Width			
Element Name	Posts			Height			
	lorth & South Sides of Structur	re		Count		26	
	teel				uantity	26	
	teel Post		_		d Inspect		
	evere		_			ficiencie	08
Protection System N	lone			Mainte	nance Ne	eeds	00
ConditionData 📁	Inits	Excellent	God	od	Fair	Poor	
e	ach	0	24		0	2	
_							
Comments	tandard and should be replace						

Bridge Number		100	018 Leng	jth	54.00	
Element Group	Barriers		Wid	th		
Element Name	Railing Systems		Heig	ıht	0.93	
Location	North & South Sides of Struct	ture	Cou	nt	2	
Material	Steel		Tota	l Quantity	108.00	
Element Type	Steel Lattice		Limi	ted Inspect	tion 🗔	
Environment	Severe		Perf	ormance De	eficiencie	08
Protection System	None		Maiı	ntenance No	eeds	00
Condition Data	Units	Excellent	Good	Fair	Poor	
condition Data	metre	0.00	95.00	0.00	13.00	
Comments						
Recommended Wo	rk Replace: < 1 year	100	018 Lend	** ! ~	20.00	
Element Group	Barriers	100	Wid		20.00	
Element Name	LEGALISTI E.					
Location	Railing Systems NE, NW, SE & SW of Structur	90	Heig		4	
Material	Steel	C	Cou	-	4	
Flement Type	Steel Flex Beam on Steel Post	te		l Quantity	80.00	
invironment	Severe	ıs	1	ted Inspect		00
Protection System	Hot Dip Galvanized			ormance Do Itenance No		08
rotection bystem	#F E200029(9)					<u>UU</u>
Condition Data	Units	Excellent	Good	Fair	Poor	
	metre	0.00	80.00	0.00	0.00	
Comments - Substandard end tre - Generally in good co						
Recommended Wo	rk Replace: < 1 year					
Bridge Number		100	018 Leng	ıth	5.00	
	Beams/Main Longitudinal Eler		Widt		0.20	
Element Group			Heig		0.46	
-	Floor Beams					
lement Name	Floor Beams Underside of Structure, West	Span	Cou	nt	4	
Element Name Location		Span	Cou	nt I Quantity	30.40	
Element Name Location Material	Underside of Structure, West	Span	Cour Tota		30.40	
Element Name Location Material Element Type	Underside of Structure, West Steel	Span	Cour Tota	l Quantity	30.40	00
Element Name Location Material Element Type Environment	Underside of Structure, West Steel Steel Floor Beam	Span	Coul Tota Limi Perf	l Quantity ted Inspect	30.40	
Element Group Element Name Location Material Element Type Environment Protection System	Underside of Structure, West Steel Steel Floor Beam Benign	Span	Coul Tota Limi Perf	l Quantity ted Inspect ormance De	30.40	00

Comments							
Light to medium corre	osion at top and bottom flar	nges of floor bear	ns.				
Recommended Wo	rk Replace: < 1 year						
Bridge Number		100	0018	Length		30.00	
Element Group	Beams/Main Longitudinal		1010	Width		0.19	
Element Name	Girders	Liements	=	Height		0.46	
_ocation	Underside of Structure, Ea	st Spans		Count		4	
Material	Steel			Total Qu	antity	178.80	
Element Type	Steel Girder			Limited :			
Environment	Benign				_	eficiencie	01
Protection System	Coating / Paint		=	Mainten			00
-	Units	Excellent	Goo		air air	Poor	100
Condition Data	square metre	0.00	148.		5.00	15.00	i
Comments	Square mene	0.00	1 [170.	00 1	5.00	13.00	
- Severe corrosion at Recommended Wor							
Bridge Number		100	018	Length		1.35	
lement Group	Beams/Main Longitudinal			Width		0.06	
Element Name	Girders			Height		0.21	
ocation	Underside of Structure, Ea	st Spans		Count		27	
Material	Steel			Total Qu	antity	27	
lement Type	Steel Diaphragm			Limited :	_	tion 🗌	
nvironment	Benign					eficiencie	00
Protection System	Coating / Paint			Mainten	ance N	eeds	00
	Units	Excellent	Goo	d F	air	Poor	
Condition Data	each	0	27	0		0	
Comments							
Light corrosion noted	throughout.						
Light corresion noted	umoughout.						
Recommended Wor	k Replace: < 1 year						
Bridge Number		100	018	Length		25.00	
lement Group	Beams/Main Longitudinal I			Width		0.12	
Element Name	Stringer			Height		0.26	
ocation	Underside of Structure, We	est Span		Count		5	
Material	Steel			Total Qu	antitv	5	
				· ocai Qu		3	

	Steel Stringer			Limited In	opecc.		
Environment	Benign			Performan	ce De	ficiencie	00
Protection System	Coating / Paint			Maintenan	ce Ne	eds	00
Condition Data	Units	Excellent	Good	d Fai	r	Poor	
Contaction Data	each	0	3	2		0	
Comments							
- Additional stringers - Light to medium co	were previously installed rrosion noted						
Recommended Wo	rk Replace: < 1 year						
Bridge Number		100	018	Length		7.07	
Element Group	Bracing		1	Width		0.02	
Element Name	Bracing			Height		0.02	
Location	Underside of Structure, West	Span		Count		10	
Material	Steel		- 1 -	Total Quar	itity	10	
Element Type	Steel Bracing			Limited In:	specti	on 🗔	
Environment	Benign			Performan	ce De	ficiencie	00
Protection System	Coating / Paint			Maintenan	ce Ne	eds	00
-	Coating / Paint Units	Excellent	Good	Maintenan		eds Poor	00
Condition Data	Units each	Excellent 0		Maintenan		_	00
Condition Data Comments ight corrosion was n	Units each oted throughout.	,	Good	Maintenan I Fai		Poor	00
Condition Data Comments Light corrosion was n	Units each oted throughout.	0	Good	Maintenan d Fai		Poor	00
Condition Data Comments Light corrosion was n Recommended Wo Bridge Number	Units each oted throughout. rk Replace: < 1 year	0	Good 10 10 10 10 10 10 10 10 10 10 10 10 10	Maintenan d Fai 0		Poor	00
Condition Data Comments Light corrosion was n Recommended Wo Bridge Number Element Group	Units each oted throughout. rk Replace: < 1 year Coatings	0	Good 10	Maintenan d Fai 0		Poor	00
Condition Data Comments Light corrosion was n Recommended Wo Bridge Number Element Group	Units each oted throughout. rk Replace: < 1 year Coatings Structural Steel	100	G000	Maintenan J Fai		Poor	00
Condition Data Comments Light corrosion was n Recommended Wo Bridge Number Element Group Element Name Location	Units each oted throughout. rk Replace: < 1 year Coatings Structural Steel North & South Sides and Unit	100	Good 10 10 10 10 10 10 10 10 10 10 10 10 10	Maintenan Fair Count		Poor 0	00
Condition Data Comments Light corrosion was n Recommended Wo Bridge Number Element Group Element Name Location Material	Units each oted throughout. rk Replace: < 1 year Coatings Structural Steel North & South Sides and Unit	100	018 I	Maintenan J Fair O Length Width Height Count	r	Poor 0 463.57	00
Condition Data Comments Light corrosion was noted that the commended Work Bridge Number Element Group Element Name Location Material Element Type	units each oted throughout. rk Replace: < 1 year Coatings Structural Steel North & South Sides and Unce Paint Structural Steel Coating	100	G000	Maintenan Fair O Length Width Height Count Total Quan Limited Ins	ntity specti	Poor 0 0 463.57	
Condition Data Comments Light corrosion was not be a commended Wood Bridge Number Element Group Element Name Location Material Element Type Environment	units each oted throughout. rk Replace: < 1 year Coatings Structural Steel North & South Sides and Unce Paint Structural Steel Coating Benign / Severe	100	018 I	Maintenan J Fair O Length Width Height Count Total Quan Limited Ins	itity specti ce De	Poor 0 463.57 on ficiencie	00
Condition Data Comments Light corrosion was n Recommended Wo Bridge Number Element Group Element Name Location Material Element Type Environment	units each oted throughout. rk Replace: < 1 year Coatings Structural Steel North & South Sides and Uncompaint Structural Steel Coating Benign / Severe None	100	018 10 11 11 11 11 11 11	Maintenan Fair O Length Width Height Count Total Quan Limited Ins	ntity specti ce De ce Ne	Poor 0 463.57 on ficiencie eds	
Condition Data Comments Light corrosion was n Recommended Wo Bridge Number Element Group Element Name Location Material Element Type Environment Protection System	units each oted throughout. rk Replace: < 1 year Coatings Structural Steel North & South Sides and Unce Paint Structural Steel Coating Benign / Severe None Units	100 derside of Struc	G000	Maintenan J Fair O Length Width Height Count Total Quan Limited Ins Performan Maintenan	r specti ce De ce Ne	Poor 0 463.57 on ficiencie eds Poor	00
Protection System Condition Data Comments Light corrosion was n Recommended Wo Bridge Number Element Group Element Name Location Material Element Type Environment Protection System Condition Data	units each oted throughout. rk Replace: < 1 year Coatings Structural Steel North & South Sides and Uncompaint Structural Steel Coating Benign / Severe None	100	018 10 11 11 11 11 11 11	Maintenan J Fair O Length Width Height Count Total Quan Limited Ins Performan Maintenan	r specti ce De ce Ne	Poor 0 463.57 on ficiencie eds	00

des of Structure Count Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0 0 0 14 Length 54.00 Width 3.72 Ab Height Count Total Quantity 200.88 Limited Inspection Performance Deficiencie	Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs 00 Excellent Good Fair Poor 0 0 14 < 1 year 100018 Length 54.00 Width 3.72 Height Structure Count Total Quantity 200.88 Limited Inspection Performance Deficiencie O Maintenance Needs 00 Performance Deficiencie O Maintenance Needs		None Units	Excellent	God				100
des of Structure Count Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0 0 0 14 Length 54.00 Width 3.72 Ab Height Count Total Quantity 200.88 Limited Inspection Performance Deficiencie	100018 Length Width System Height Count 14 Total Quantity 14 Limited Inspection Performance Deficiencie 00 Maintenance Needs 00 Excellent Good Fair Poor 0 0 0 14	Environment Protection System	None		J.	Maille	chance 140	.cus	00
des of Structure Count Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0 0 14 Length 54.00 Width 3.72 ab Height Count Total Quantity 200.88 Limited Inspection	100018 Length Width System Height Count 14 Total Quantity 14 Limited Inspection Performance Deficiencie 00 Maintenance Needs 00 Excellent Good Fair Poor 0 0 0 14	Environment				Maint	enance Ne	ande	00
des of Structure Count Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0 0 0 14 Length 54.00 Width 3.72 Ab	100018 Length Width Height Count Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs O Excellent Good Fair Poor O O 14 14 Limited Inspection Performance Needs O Maintenance Needs Width 3.72 Height Structure Count Total Quantity 200.88	-	Benign			Perfo	rmance De	ficiencie	00
des of Structure Count Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0 0 14 14 Limited Inspection Performance Needs Maintenance Needs Excellent Good Fair Poor Width 3.72 Height Count	Width Height Count Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Count Height Limited Inspection Performance Needs O Maintenance Needs O Excellent Good Fair Poor O Vidth Structure 100018 Length Structure Count Structure Count	Element Type	Soffit Interior			Limite	d Inspect	ion 🔲	
des of Structure Count Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0 0 0 14 Length 54.00 Width 3.72 Height	Width Height Count Total Quantity Limited Inspection Performance Deficiencie Performance Needs Maintenance Needs	Material	Concrete			Total	Quantity	200.88	
des of Structure Count Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0 0 0 14 Length 54.00 Width 3.72	100018 Length Width System Height Count Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0 0 14 < 1 year 100018 Length 54.00 Width 3.72	Location	Underside of Structure			Count	:		
des of Structure Count Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0 0 14	100018 Length Width Bystem Height Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0 0 14 < 1 year 100018 Length 54.00	Element Name	Soffit - Thin Slab			Heigh	t		
des of Structure Count Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0 0 14	100018 Length Width Bystem Height Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0 0 0 14	Element Group	Decks			Width	1	3.72	
des of Structure Count Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0 0 0 14	100018 Length Width Height Count 14 Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs 00 Excellent Good Fair Poor 0 0 0 14	Bridge Number		100	018	Lengt	h	54.00	
des of Structure Count Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor	100018 Length Width Height Count 14 Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor	Recommended Wor	rk Replace: < 1 year						
des of Structure Count Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor	100018 Length Width Height Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor	Severe corrosion at de	eck drains.						
des of Structure Count Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor	100018 Length Width Height Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor	Comments							
des of Structure Count Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs	100018 Length Width Height Count 14 Total Quantity Limited Inspection Performance Deficiencie Maintenance Needs 100018 Width Limited Inspection Maintenance Needs	Condition Data	each	0	0		0	14	
des of Structure Count Total Quantity Limited Inspection Performance Deficiencie	100018 Length Width Height Count 14 Total Quantity Limited Inspection Performance Deficiencie 00	O 1141	Units	Excellent	God	bc	Fair	Poor	
des of Structure Count 14 Total Quantity 14 Limited Inspection	100018 Length Width Bystem Height Count Total Quantity Limited Inspection	Protection System	None			Maint	enance Ne	eeds	00
des of Structure Count 14 Total Quantity 14	100018 Length Width System Height Count Total Quantity 14	Environment	Severe			Perfor	rmance De	ficiencie	00
des of Structure Count 14	100018 Length Width System Height h Sides of Structure Count 14	Element Type	Steel Drains			Limite	ed Inspect	ion 🗌	
A CONTROL OF THE CONT	100018 Length Width System Height	Material	Steel			Total	Quantity	14	
em Height	100018 Length Width	Location	North & South Sides of Struct	ure		Count	:	14	
	100018 Length	Element Name	Drainage System			Heigh	t		
Width	1	Element Group	Decks			Width	ı		
100018 Length	< 1 year	Bridge Number	1.	100	018	Lengt	h		
	< 1 year	Element Name Location Material Element Type Environment	Drainage System North & South Sides of Struct Steel Steel Drains Severe		0018	Width Heigh Count Total Limite Perfor	t : Quantity ed Inspect rmance De	14 ion eficier	ncie
good condition based on the condition of the wearing surface.		Comments							
good condition based on the condition of the wearing surface.		Condition Data	square metre	0.00	200	.62	8.00	0.00	
		Condition Data	Units	Excellent	God	bc	Fair	Poor	
0.00 200.62 8.00 0.00	0.00 200.62 8.00 0.00	Protection System	Wearing Surface			Maint	enance Ne	eds	00
Excellent Good Fair Poor 0.00 200.62 8.00 0.00	Excellent Good Fair Poor 0.00 200.62 8.00 0.00	Environment	Moderate			Perfor	rmance De	ficiencie	00
Excellent Good Fair Poor 0.00 200.62 8.00 0.00	Excellent Good Fair Poor 0.00 200.62 8.00 0.00	Element Type	Reinforced Concrete Deck			Limite	ed Inspect	ion 🗹	
Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0.00 200.62 8.00 0.00	Performance Deficiencie 00 ace Maintenance Needs 00 Excellent Good Fair Poor 0.00 200.62 8.00 0.00	Material	Concrete			Total	Quantity	208.62	
Excellent Good Fair Poor 0.00 200.62 8.00 0.00	Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0.00 200.62 8.00 0.00	Location	Below Wearing Surface			Count	:		
Total Quantity 208.62 ete Deck Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0.00 200.62 8.00 0.00	Total Quantity 208.62 Increte Deck Performance Deficiencie 00 Acce Maintenance Needs 00 Excellent Good Fair Poor 0.00 200.62 8.00 0.00	Element Name	Deck Top			Heigh	t		
Total Quantity 208.62 ete Deck Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0.00 200.62 8.00 0.00	Total Quantity 208.62 Dincrete Deck Performance Deficiencie 00 Maintenance Needs Excellent Good Fair Poor 0.00 200.62 8.00 0.00	Element Group	Decks			Width	ı	3.80	
Height Urface Count Total Quantity 208.62 ete Deck Limited Inspection Performance Deficiencie Maintenance Needs Excellent Good Fair Poor 0.00 200.62 8.00 0.00	Height Gount Total Quantity 208.62 Limited Inspection Performance Deficiencie 00 Maintenance Needs 00 Excellent Good Fair Poor 0.00 200.62 8.00 0.00			100	018	Lengt	h	54.90	

 Narrow to wide crac Light to severe spall Efflorescence 	ks, some with efflorescence s and delaminations						
Recommended Wo	rk Replace: < 1 year						
Bridge Number		10	0018	Lengt	h	54.90	
Element Group	Decks			Width	i I	3.80	
lement Name	Wearing Surface			Heigh	t		
ocation	Top of Deck			Count	:		
1aterial	Asphalt			Total	Quantity	208.62	
lement Type	Asphalt Wearing Surface			Limite	d Inspect	tion 🗌	
Invironment	Severe			Perfo	rmance De	eficiencie	00
Protection System	None			Maint	enance N	eeds	00
Condition Data	Units	Excellent	God	od	Fair	Poor	
Condition Data	square metre	0.00	192	.62	8.00	8.00	
Comments							
- Medium to severe cr							
Recommended Wor	rk Replace: < 1 year						
	rk Replace: < 1 year	100	0018	Lengt	h		
Bridge Number	Replace: < 1 year Embankments and Streams	100	0018	Lengt: Width			
Bridge Number Element Group		100	0018	Width			
Bridge Number Element Group Element Name	Embankments and Streams		0018	_	t	4	
Bridge Number Element Group Element Name Location	Embankments and Streams Embankments		0018	Width Heigh Count	t		
Bridge Number Element Group Element Name Ocation Material	Embankments and Streams Embankments NE, NW, SE & SW of Structure		0018	Width Heigh Count Total	t Quantity	4	
Bridge Number Element Group Element Name Jocation Material Element Type	Embankments and Streams Embankments NE, NW, SE & SW of Structure Native		0018	Width Heigh Count Total	t	4 tion	00
Bridge Number Element Group Element Name Location Material Element Type Environment	Embankments and Streams Embankments NE, NW, SE & SW of Structure Native Embankment		0018	Width Heigh Count Total Limite Perfor	t Quantity ed Inspect	4 tion eficiencie	18.50
Bridge Number Element Group Element Name Location Material Element Type Environment Protection System	Embankments and Streams Embankments NE, NW, SE & SW of Structure Native Embankment Moderate		0018	Width Heigh Count Total Limite Perfor	t Quantity ed Inspect	4 tion eficiencie	00
Bridge Number Element Group Element Name Ocation Material Element Type Environment Protection System	Embankments and Streams Embankments NE, NW, SE & SW of Structure Native Embankment Moderate Vegetation	e		Width Heigh Count Total Limite Perfor Maint	t Quantity ed Inspect mance Do enance No Fair	tion eficiencie eeds Poor	18.50
Recommended Worldge Number Element Group Element Name Location Material Element Type Environment Protection System Condition Data	Embankments and Streams Embankments NE, NW, SE & SW of Structure Native Embankment Moderate Vegetation Units	Excellent	Goo	Width Heigh Count Total Limite Perfor Maint	t Quantity ed Inspect mance De enance No	4 eficiencie	18.50
Bridge Number Element Group Element Name Location Material Element Type Environment Protection System Condition Data	Embankments and Streams Embankments NE, NW, SE & SW of Structure Native Embankment Moderate Vegetation Units each	Excellent	Goo	Width Heigh Count Total Limite Perfor Maint	t Quantity ed Inspect mance Do enance No Fair	tion eficiencie eeds Poor	18.50
Bridge Number Element Group Element Name Location Material Element Type Environment Protection System Condition Data Comments Elements	Embankments and Streams Embankments NE, NW, SE & SW of Structure Native Embankment Moderate Vegetation Units each	Excellent	Goo	Width Heigh Count Total Limite Perfor Maint	t Quantity ed Inspect mance Do enance No Fair	tion eficiencie eeds Poor	18.50
Bridge Number Element Group Element Name Location Haterial Element Type Environment Protection System Condition Data Comments Elemently in good contact	Embankments and Streams Embankments NE, NW, SE & SW of Structure Native Embankment Moderate Vegetation Units each	Excellent 0	Goo	Width Heigh Count Total Limite Perfor Maint	Quantity ed Inspect mance De enance No	tion eficiencie eeds Poor	18.50
Bridge Number Element Group Element Name Location Material Element Type Environment Protection System Condition Data Comments Generally in good condition Gridge Number	Embankments and Streams Embankments NE, NW, SE & SW of Structure Native Embankment Moderate Vegetation Units each	Excellent 0	Good 4	Width Heigh Count Total Limite Perfor Maint	Quantity ed Inspect mance De enance No Fair	tion eficiencie eeds Poor	10.500
Bridge Number Element Group Element Name Location Material Element Type Environment Protection System Condition Data Comments Generally in good con Recommended Work Bridge Number Element Group	Embankments and Streams Embankments NE, NW, SE & SW of Structure Native Embankment Moderate Vegetation Units each dition.	Excellent 0	Good 4	Width Heigh Count Total Limite Perfor Maint	Quantity ed Inspect mance De enance No Fair	tion eficiencie eeds Poor	18.50
Bridge Number Element Group Element Name Location Material Element Type Environment Protection System Condition Data	Embankments and Streams Embankments NE, NW, SE & SW of Structure Native Embankment Moderate Vegetation Units each dition.	Excellent 0	Good 4	Width Heigh Count Total Limite Perfor Maint	Quantity ed Inspect mance De enance No Fair	tion eficiencie eeds Poor	18.50

Protection System	None		Main	tenance N	eeds	00
•	Units	Excellent	Good	Fair	Poor	100
Condition Data	each	0	4	0	0	
Comments	Cucii			U		
Generally in good cor	ndition.					
,						
Recommended Wo	rk None					
Bridge Number		100	018 Leng	th		
Element Group	Embankments and S	treams	Widt	:h		
Element Name	Streams and Wate	erways	Heig	ht		
Location	Under Structure		Cour	nt		
Material	Native		Tota	l Quantity	All	
Element Type	Stream		Limit	ted Inspec	tion 🗌	
Environment	Benign		Perfo	ormance D	eficiencie	00
Protection System	None		Main	tenance N	eeds	00
Condition Date	Units	Excellent	Good	Fair	Poor	
Condition Data	all		All			
Comments						
Comments						
	ndition with dam struct	ure noted upstream.				
	ndition with dam struct	ure noted upstream.				
Generally in good con		ure noted upstream.				
Generally in good con						
Generally in good con Recommended Wol Bridge Number	rk None		018 Leng	th		
Generally in good con Recommended Wol Bridge Number Element Group	rk None Foundations	100	018 Leng Widt			
Generally in good con Recommended Wor Bridge Number Element Group Element Name	rk None Foundations Foundation (below	100 v ground level)	Widt Heig	h		
Generally in good con Recommended Wol Bridge Number Element Group Element Name Location	Foundations Foundation (below Below Abutment Wal	100	Widt Heig	h ht		
Generally in good con Recommended Wor Bridge Number Element Group Element Name Location Material	Foundations Foundation (below Below Abutment Wall	100 v ground level)	Widt Heig Coun	h ht it I Quantity		
Generally in good con Recommended Wol Bridge Number Element Group Element Name Location Material Element Type	Foundations Foundation (below Below Abutment Wall Unknown	100 v ground level)	Widt Heig Coun Tota	h ht it Quantity ted Inspect		
Recommended World Recommended World Recommended World Recomment Group Element Name Location Material Element Type Environment	Foundations Foundation (below Below Abutment Wall Unknown Unknown Benign	100 v ground level)	Widt Heig Coun Tota	h ht it I Quantity		00
Generally in good con Recommended Wol Bridge Number Element Group Element Name Location Material Element Type	Foundations Foundation (below Below Abutment Wall Unknown	100 v ground level)	Widt Heig Coun Total Limit	h ht it Quantity ted Inspect	eficiencie	00
Recommended Wol Bridge Number Element Group Element Name Location Material Element Type Environment Protection System	Foundations Foundation (below Below Abutment Wall Unknown Unknown Benign Unknown Unknown Unknown Benign Unknown	100 v ground level)	Widt Heig Coun Total Limit	h ht at I Quantity ted Inspect ormance De	eficiencie	
Recommended Wol Bridge Number Element Group Element Name Location Material Element Type Environment Protection System	Foundations Foundation (below Below Abutment Wall Unknown Unknown Benign Unknown	v ground level)	Widt Heigh Count Total Limit Perfo	ht ht I Quantity ted Inspect ormance De tenance N	eficiencie eeds	
Generally in good con Recommended Work Bridge Number Element Group Element Name Location Material Element Type Environment Protection System Condition Data	Foundations Foundation (below Below Abutment Wall Unknown Unknown Benign Unknown Unknown Unknown Unknown	v ground level)	Widt Heig Coun Total Limit Perfo Main	ht ht I Quantity ted Inspect ormance De tenance N	eficiencie eeds	

		100	0018	Length	1	4.30	
Element Group	Joints			Width			
Element Name	Armouring/Retaining Devi	ces		Height	:		
Location	East & West Ends of Structur	e and at Piers		Count		10	
Material	Steel			Total (Quantity	43.00	
Element Type	Steel Armouring			Limite	d Inspect	ion 🗔	
Environment	Severe			Perfor	mance De	eficiencie	00
Protection System	None			Mainte	nance No	eeds	00
Condition Data	Units	Excellent	Go	od	Fair	Poor	
Condition Data	metre	0.00	23.	00	10.00	10.00	
Comments							
Recommended Wo Bridge Number	rk Replace: < 1 year	100	0018	Length	11	4.30	
Element Group	Joints			Width			
Element Name	Seals/Sealants			Height	:		
Location	East & West Ends of Structur	e and at Piers		Count		5	
Material	Neoprene			Total (Quantity	5	
Element Type	Compression Seal			Limite	d Inspect	ion 🗆	
Environment	Severe			Perfor	mance De	eficiencie	00
Protection System	None			Mainte	nance Ne	eeds	00
Condition Data	Units	Excellent	Go	od	Fair	Poor	
idition Pala	each	0	0		0	5	
	displacement						
- Leakage, tears and - Seals are jammed							
- Leakage, tears and - Seals are jammed Recommended Wo		100	0018	Length	I	1.05	
- Leakage, tears and - Seals are jammed Recommended Wo Bridge Number		100	0018	Length Width	1	1.05 5.70	
- Leakage, tears and - Seals are jammed Recommended Wo Bridge Number Element Group	rk Replace: < 1 year		0018	_			
Leakage, tears and Seals are jammed Recommended Wo Bridge Number Element Group	rk Replace: < 1 year Piers		0018	Width		5.70	
- Leakage, tears and - Seals are jammed Recommended Wo Bridge Number Element Group Element Name Location	rk Replace: < 1 year Piers Shafts/Columns/Pile Bents		0018	Width Height Count		5.70 1.65	
- Leakage, tears and - Seals are jammed Recommended Wo Bridge Number Element Group Element Name Location Material	rk Replace: < 1 year Piers Shafts/Columns/Pile Bents Underside of Structure		0018	Width Height Count Total (:	5.70 1.65 3 66.83	
- Leakage, tears and - Seals are jammed Recommended Wo Bridge Number Element Group Element Name Location Material Element Type	Replace: < 1 year Piers Shafts/Columns/Pile Bents Underside of Structure Concrete		0018	Width Height Count Total C	Quantity d Inspect	5.70 1.65 3 66.83	00
Comments - Leakage, tears and - Seals are jammed Recommended Wo Bridge Number Element Group Element Name Location Material Element Type Environment Protection System	rk Replace: < 1 year Piers Shafts/Columns/Pile Bents Underside of Structure Concrete Reinforced Concrete Pier Sha		00018	Width Height Count Total (Limited	Quantity d Inspect	5.70 1.65 3 66.83 cion —	00
- Leakage, tears and - Seals are jammed Recommended Wo Bridge Number Element Group Element Name Location Material Element Type Environment	Piers Shafts/Columns/Pile Bents Underside of Structure Concrete Reinforced Concrete Pier Sha		0018	Width Height Count Total C Limited Perform	Quantity d Inspect mance De	5.70 1.65 3 66.83 cion —	

 Light to medium scal Wide cracks with effl Localized spalls at each 	ling lorescence at upstream ach pier and at west pier below	ı stringers				
Recommended Wor	k Replace: < 1 year					
Bridge Number		1000	018 Le	ength	54.90	
Element Group	Sidewalks/Curbs			idth	0.15	
Element Name	Curbs		H	eight	0.08	
Location	North & South Sides of Struct	ure		ount	2	
Material	Concrete			tal Quantity	25.25	
Element Type	Reinforced Concrete Curb		- 1	mited Inspect	P	
Environment	Severe			erformance De		08
Protection System	None			aintenance N		00
-	Units	Excellent	Good	Fair	Poor	100
Condition Data	square metre	0.00	17.25	4.00	4.00	
Comments	oquate mede	0.00	17,23	11.00	1.00	
Recommended Wor Bridge Number Element Group	Replace: < 1 year Trusses/Arches	1000		ength		15.00 (M) 0.20 (M)
Element Name	Bottom Chords			eight		0.15 (M)
Location	North & South Sides of Struct	ure		ount	4 (E), 2 (
Material	Steel			tal Quantity	29.80	,1-1)
Element Type	Steel Bottom Chord			mited Inspect		
Environment	Severe			erformance D		00
Protection System	Coating / Paint			aintenance N		00
-	Units	Excellent	Good	Fair	Poor	
Condition Data	square metre		27.30	0.00	2.50	
Comments			27.50	0.00	12.50	1
	s deflected horizontally by 20 r ighout	mm				
Recommended Wor	k Replace: < 1 year	Ť				
Bridge Number		1000	018 Le	ength	20.00	
Element Group	Trusses/Arches		w	idth	0.32	
Element Name	Top Chords		He	eight	0.16	
Location	North & South Sides of Struct	ure		ount	2	
Material	Steel		То	tal Quantity	38.40	

lement Type	Steel Top Chord			ted Inspect		
nvironment	Severe		Perfe	ormance D	eficiencie	00
rotection System	Coating / Paint		Main	ntenance N	eeds	00
	Units	Excellent	Good	Fair	Poor	
Condition Data	square metre	0.00	33.40	0.00	5.00	
Comments						
otation due to impa	ct damage at top chord at nort	hwest.				
Recommended Wo	rk Replace: < 1 year					
Bridge Number		100	0018 Leng	ıth	2.30	
lement Group	Trusses/Arches		Widt	th	0.18	
lement Name	Vertical/Diagonals Height 0.13					
ocation	North & South Sides of Struct	ture	Cour	nt	8	
1aterial	Steel		Tota	l Quantity	11.41	
lement Type	Steel Vertical		Limit	ted Inspect	tion 🗌	
invironment	Severe		Perf	ormance D	eficiencie	00
	1					1
rotection System	Coating / Paint		Main	itenance N	eeds	00
	Coating / Paint Units	Excellent	Main Good	tenance No Fair	eeds Poor	00
Condition Data	Units square metre	Excellent 0.00				00
Condition Data Comments ight corrosion noted	Units square metre throughout.		Good	Fair	Poor	00
Condition Data Comments ight corrosion noted	Units square metre throughout.	0.00	Good	Fair 0.00	Poor	
Condition Data Comments Light corrosion noted Recommended World	Units square metre throughout.	0.00	Good 11.41	Fair 0.00	Poor 0.00	3.00 (M)
Condition Data Comments ight corrosion noted Recommended World Bridge Number	Units square metre throughout. rk Replace: < 1 year Trusses/Arches Vertical/Diagonals	100	Good 11.41 0018 Leng	Fair 0.00	Poor 0.00	3.00 (M) 0.18 (M)
condition Data comments ight corrosion noted ecommended World ridge Number lement Group	throughout. rk Replace: < 1 year Trusses/Arches Vertical/Diagonals North & South Sides of Struct	100	Good 11.41 0018 Leng Widt	Fair 0.00	9000 0.00 3.40 (E), 0.32 (E),	3.00 (M) 0.18 (M) 0.13 (M)
Condition Data Comments Light corrosion noted Recommended Work Bridge Number Element Group Element Name Location Material	units square metre throughout. rk Replace: < 1 year Trusses/Arches Vertical/Diagonals North & South Sides of Struct	100	Good 11.41 0018 Leng Widt Heig Cour	Fair 0.00	3.40 (E), 0.32 (E), 0.16 (E),	3.00 (M) 0.18 (M) 0.13 (M)
Condition Data Comments Light corrosion noted Recommended Work Bridge Number Element Group Element Name Location Material Element Type	throughout. rk Replace: < 1 year Trusses/Arches Vertical/Diagonals North & South Sides of Struct Steel Steel Diagonal	100	Good 11.41 Dolla Leng Widt Heig Cour Tota	Fair 0.00	3.40 (E), 0.32 (E), 0.16 (E), 4 (E), 16	3.00 (M) 0.18 (M) 0.13 (M)
Condition Data Comments Light corrosion noted Recommended Work Bridge Number Element Group Element Name Location Haterial Element Type Environment	throughout. rk Replace: < 1 year Trusses/Arches Vertical/Diagonals North & South Sides of Struct Steel Steel Diagonal Severe	100	Good 11.41 Widt Heig Cour Tota Limit	Fair 0.00 oth th th tl Quantity	3.40 (E), 0.32 (E), 0.16 (E), 4 (E), 16 42.82	3.00 (M) 0.18 (M) 0.13 (M) (M)
Condition Data Comments Light corrosion noted Recommended Work Bridge Number Element Group Element Name Location Haterial Element Type Environment	throughout. rk Replace: < 1 year Trusses/Arches Vertical/Diagonals North & South Sides of Struct Steel Steel Diagonal	100	Good 11.41 0018 Leng Widt Heig Cour Tota Limit	Fair 0.00 oth th th tl Quantity ted Inspect	3.40 (E), 0.32 (E), 0.16 (E), 4 (E), 16 42.82 tion =	3.00 (M) 0.18 (M) 0.13 (M) (M)
Condition Data Comments Light corrosion noted Recommended Work Bridge Number Element Group Element Name Location Material Element Type Environment Protection System	throughout. rk Replace: < 1 year Trusses/Arches Vertical/Diagonals North & South Sides of Struct Steel Steel Diagonal Severe	100	Good 11.41 0018 Leng Widt Heig Cour Tota Limit	Fair 0.00 oth th th I Quantity ted Inspect	3.40 (E), 0.32 (E), 0.16 (E), 4 (E), 16 42.82 tion =	3.00 (M) 0.18 (M) 0.13 (M) (M)
Condition Data Comments Light corrosion noted Recommended Work Bridge Number Element Group Element Name Location Material Element Type Environment Protection System	throughout. rk Replace: < 1 year Trusses/Arches Vertical/Diagonals North & South Sides of Struct Steel Steel Diagonal Severe Coating / Paint	0.00 100	Good 11.41 Widt Heig Cour Tota Limit Perfo	Fair 0.00 oth th th tl Quantity ted Inspectormance Dottenance No	3.40 (E), 0.32 (E), 0.16 (E), 4 (E), 16 42.82 tion eficiencie eeds	3.00 (M) 0.18 (M) 0.13 (M) (M)
Condition Data Comments Light corrosion noted Recommended Word Bridge Number Element Group Element Name Location Material Element Type Environment Protection System Condition Data	throughout. rk Replace: < 1 year Trusses/Arches Vertical/Diagonals North & South Sides of Struct Steel Steel Diagonal Severe Coating / Paint Units square metre	0.00 100 ture	Good 11.41 0018 Leng Widt Heig Cour Tota Limit Perfo	Fair 0.00 oth th Quantity ted Inspectormance Dot etenance No	3.40 (E), 0.32 (E), 0.16 (E), 4 (E), 16 42.82 tion eficiencie eeds Poor	3.00 (M) 0.18 (M) 0.13 (M) (M)
Protection System Condition Data Comments Light corrosion noted Recommended Work Bridge Number Element Group Element Name Location Material Element Type Environment Protection System Condition Data Comments Light corrosion noted	throughout. rk Replace: < 1 year Trusses/Arches Vertical/Diagonals North & South Sides of Struct Steel Steel Diagonal Severe Coating / Paint Units square metre	0.00 100 ture	Good 11.41 0018 Leng Widt Heig Cour Tota Limit Perfo	Fair 0.00 oth th Quantity ted Inspectormance Dot etenance No	3.40 (E), 0.32 (E), 0.16 (E), 4 (E), 16 42.82 tion eficiencie eeds Poor	3.00 (M) 0.18 (M) 0.13 (M) (M)

Element	Repair and Rehabilitation Required	Priority	Estimated Cost
Barriers	Install Code Compliant End Treatments	< 1 year	\$16,000.00
	Replace Structure	< 1 year	\$1,062,315.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
	Comments	Total Cost	\$1,078,315.00 Estimated Cost
	Comments	Total Cost	\$1,078,315.00
Approaches Detours	Comments	Total Cost	\$1,078,315.00 Estimated Cost \$0.00
Approaches Detours Traffic Control	Comments	Total Cost	\$1,078,315.00 Estimated Cost \$0.00 \$50,000.00
Approaches Detours Traffic Control Utilities	Comments	Total Cost	\$1,078,315.00 Estimated Cost \$0.00 \$50,000.00 \$30,000.00 \$0.00
Approaches Detours Traffic Control Utilities Right of Way	Comments	Total Cost	\$1,078,315.00 Estimated Cost \$0.00 \$50,000.00 \$30,000.00 \$0.00
Approaches Detours Traffic Control Utilities Right of Way Environmental Study	Comments	Total Cost	\$0.00 \$50,000.00 \$30,000.00 \$0.00 \$7,000.00
Approaches Detours Traffic Control Utilities Right of Way Environmental Study	Comments	Total Cost	\$1,078,315.00 Estimated Cost \$0.00 \$50,000.00 \$30,000.00 \$0.00 \$7,000.00 \$0.00
Approaches Detours Traffic Control Utilities Right of Way Environmental Study Other Contingencies	Comments	Total Cost	\$1,078,315.00 Estimated Cost \$0.00 \$50,000.00 \$30,000.00 \$0.00 \$7,000.00
Approaches Detours Traffic Control Utilities Right of Way Environmental Study	Comments	Total Cost	\$1,078,315.00 Estimated Cost \$0.00 \$50,000.00 \$30,000.00 \$0.00 \$7,000.00 \$0.00 \$0.00



Photo 1: Structure from east approach



Photo 2: Structure from west approach





Photo 3: East approach from structure



Photo 4: West approach from structure



Photo 5: North elevation



Photo 6: South elevation







Photo 7: Severe deterioration at expansion joint assembly



Photo 8: Severe spall at curb





Photo 9: Impact damage at northwest



Photo 10: Medium to severe cracks at deck wearing surface





Photo 11: Underside of east spans



Photo 12: Underside of west span



Photo 13: Severe spalls at soffit interior



Photo 14: Severe spalls and delaminations at soffit interior



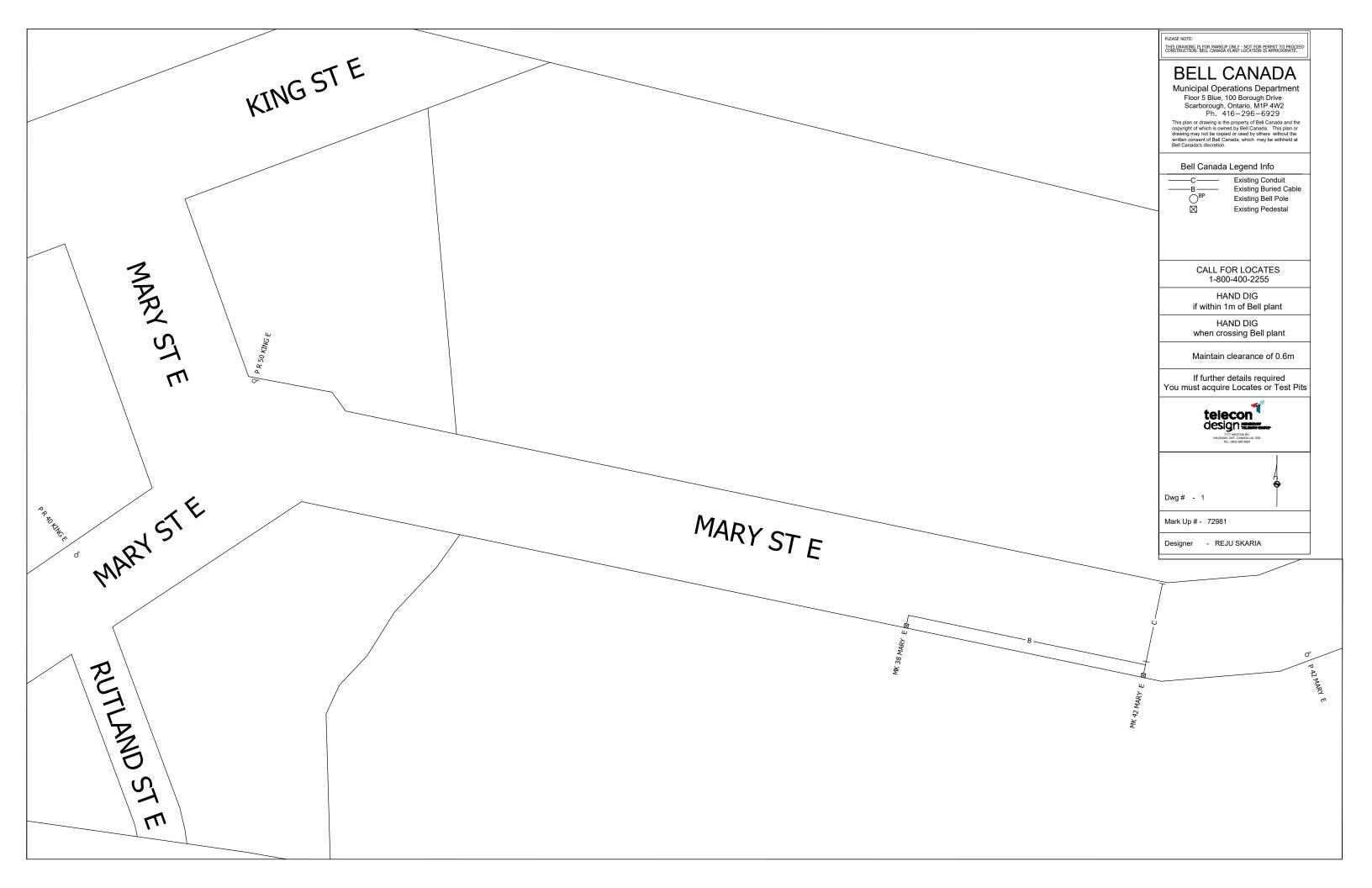


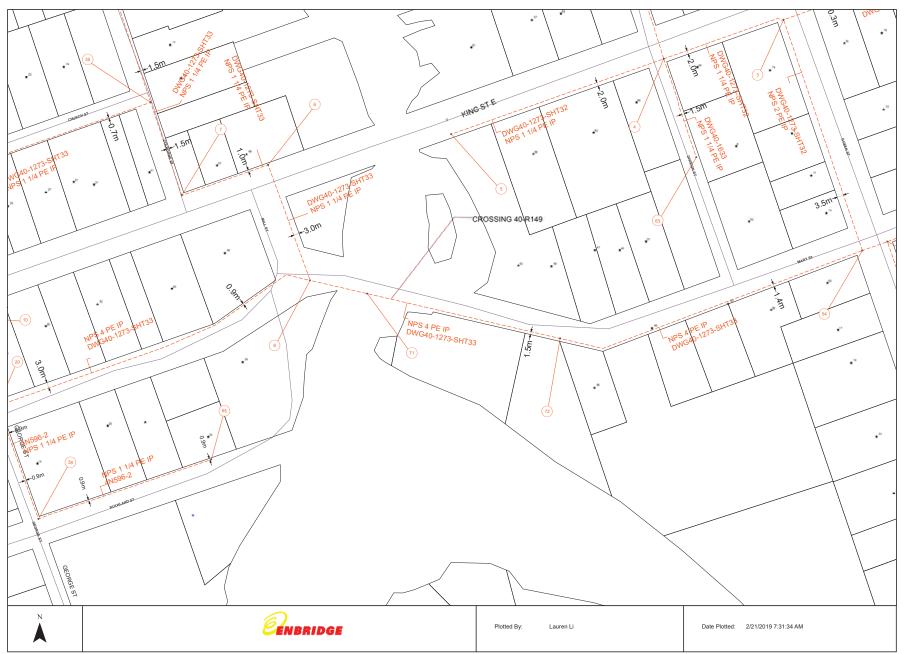
Photo 15: Severe corrosion and perforation at girder

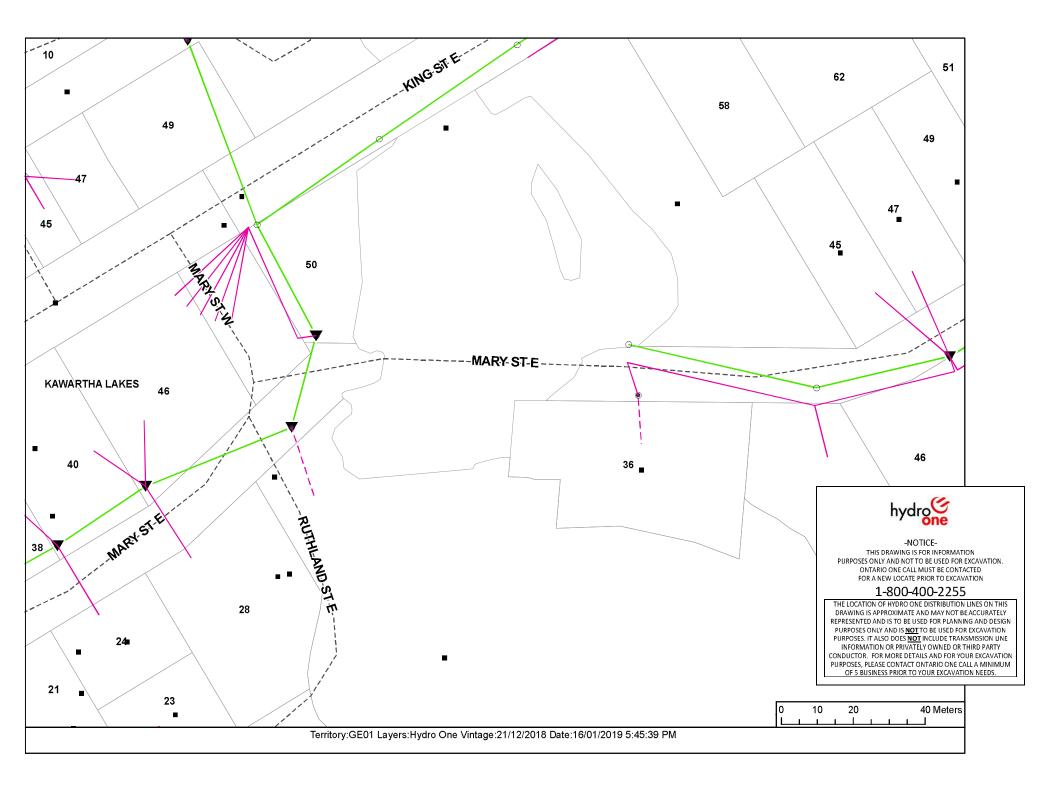


Photo 16: Severe corrosion and perforation at stringer









Eastlink Utilities



