APPENDIX

C

STRUCTURAL
INVESTIGATION
REPORT AND SITE
PHOTOGRAPHS

Bosworth Bridge (B007028)

MTO Structure Number 35-104

Wellington Road 7, 0.9 km E of Wellington Road 11

County Site Number: B007028 35-104 MTO Site Number: 60.10 BCI:

Condition: Fair	
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Inventory Data:						
Structure Name:	Bosworth Bridge					
Main Hwy/Road#	7	On 🗸 Under 🗔	Crossing Type:	Navig	. Water 🔽 N Rail 🔲 Road 🔲	lon-Navig Water Ped. Other
Road Name Structure Location	Wellington Road 7 0.9 km E of Wellington R	Road 11				
Latitude	43.783227			Longitude	-80.6	36893
Owner(s)	Wellington County		Heritage Designation		t Cons.	Cons. /not App Desig./not List Desig.& List
MTO Region *	Southwest		Road Class	F	reeway Arterial _/	Collector Local
MTO District *	Central Region		Posted Sp	eed	80 No.	of Lanes: 2
Current County*	Wellington		AA	ADT 456	69/2015	% Trucks 5.00%
Geographic Twp. *	Mapleton		Special Routes:		Transit U	School Bicycle
Structure Type*	Half-Through Truss			Detour	Length	23.5 (km)
Total Deck Length		42.1	(m)	Fill on S	tructure	0 (m)
Overall Str. Width		8.6	(m)	Skev	w Angle	0 (degrees)
Total Deck Area		363	(sq. m)	Direction of S	tructure Ea	st - West
Roadway Width		7.5	(m)	No. o	f Spans	1
Span Lengths.	41.0					(m)
Historical Data:						
Year Built		1949		Last Bienn	ial Inspection	Nov-2017
Current Load Limit			(tonnes)	Last BridgeMas	ster Inspection	2019
Load Limit By-Law#					st Evaluation	2008
By-Law Expiry Date				Last Underwat	er Inspection	
Min. Vertical Clearance			(m)	Last Con	dition Survey	2008
2008 - install braces at	e/description) proof and pave deck; replated to compression diagonals to talled underneath rocker to the compression diagonals to talled underneath rocker to the compression of the com	o improve loa	ad capacity		wall	

Municipal	Structure	Inspection	Form
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County Site Number:

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MTO Site Number:

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Informatio	n:				
September	24, 2019				
Pouya Pour	beik, WSP				
Christophe	Chan Sing, WS	Р			
Camera, Ha	ammer, Tape				
Sunny					
18	°C				
estigations	Required		Priority		Estimated
		None	Normal	Urgent	Cost
ition Survey:			1		\$15,000
					\$0
ndition Survey:					\$0
ation					\$0
					\$0
n:					\$0
:					
nated Load	0			Total Cos	t \$15,000
	September Pouya Pour Christophe Camera, Ha Sunny 18 restigations ition Survey: adition Survey: ation n: :: nated Load	September 24, 2019 Pouya Pourbeik, WSP Christophe Chan Sing, WS Camera, Hammer, Tape Sunny 18 °C restigations Required ition Survey: ation n: :: nated Load 0	September 24, 2019 Pouya Pourbeik, WSP Christophe Chan Sing, WSP Camera, Hammer, Tape Sunny 18 °C restigations Required Indition Survey: Ind	September 24, 2019 Pouya Pourbeik, WSP Christophe Chan Sing, WSP Camera, Hammer, Tape Sunny 18 °C Priority None Normal ition Survey: Indition	September 24, 2019 Pouya Pourbeik, WSP Christophe Chan Sing, WSP Camera, Hammer, Tape Sunny 18 °C Priority

	Municipa	l Structure	Inspection	Form
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County Site Number:

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MTO Site Number:

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	ation Required		Priority							
		6-10 vears	1 - 5 vears	Within 1 vear	Urgent	Construction Cost				
Apply three part coating			4			\$150,000.00				
Superstructure rehabilitation			V			\$100,000.00				
				Ц						
		 								
		 	 		 					
			┢╤							
					Total Cost	\$250,000.00				
Associated Work:	Comments					Estimated Cost				
Approaches										
Detours										
Traffic Control										
Utilities										
Right of Way										
Environmental Study										
Other										
Engineering Design and CA						\$50,000.00				
Contingencies						\$50,000.00				
Contingentics					Total Cost	\$100,000.00				
Justification Bridge requires rehabilitation to	preserve remaining se	ervice life								

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Element Grou	p	100						Length			40.97	
Element Name		101						Width			7.50	
Location								Height				
Material			Cast-ir	-place concre	ete			Count			1	
Element Type					Element code	N/A		Total Qnty.			307.28	
Environment				Severe				Limited Insp.				1
Protection Sys	stem	None						Suspect	ed F	erforman	ce Deficiencies	
Condition	Units	Ex.	Good	Fai	r	Poor		16		Oth	ner	ĺ
Data	Sq. m.	0	0 296.28 9.00 2.00									-
Comments: Medium wid	th transv	erse and l	ongitudinal ci Rehab Urgent		Replace 1-5 yrs	6-10 yrs [Maint. Needs Urgent	18	1 year	Other	
Element Grou	n	100						Length			40.97	
Element Name		103						Width			40.51	
Location		100		Exterior				Height			1.20	
Material			Cast-ir	n-place concre	ete.			Count			2	
matorial			040111	r piaco coriore	Element	7		Count				
Element Type					code	N/A		Total Qnty.			98.33	
Environment				Low				Limited Insp.				
Protection Sys	stem	None						Suspect	ed F	Performan	ce Deficiencies	
Condition	Units	Ex.	Good	Fai	r	Poor		16 Other				
Data	Sq. m.	0	16.33	41.0	0	41.00						
IComments:												
	ninations	along the	exterior soffi Rehab Urgent		Replace	orcing and		Maint. Needs Urgent	18	1 year	Other	
Spalls/delan	ninations d Work:		Rehab		Replace			Maint. Needs Urgent	18			
Spalls/delan Recommende	ninations d Work: p	100	Rehab		Replace			Maint. Needs Urgent Length	18		39.00	
Spalls/delan Recommende	ninations d Work: p		Rehab		Replace			Maint. Needs Urgent Length Width	18			
Spalls/delan Recommende Element Group Element Name Location	ninations d Work: p	100	Rehab Urgent	Interior	Replace 1-5 yrs			Maint. Needs Urgent Length Width Height	18		39.00 7.50	
Spalls/delan Recommender Element Group Element Name Location Material	ninations d Work: p	100	Rehab Urgent		Replace 1-5 yrs 2 ete Element	6-10 yrs		Maint. Needs Urgent Length Width Height Count	18		39.00 7.50	
Spalls/delan Recommende Element Grou Element Name Location Material Element Type	ninations d Work: p	100	Rehab Urgent	Interior	Replace 1-5 yrs			Maint. Needs Urgent Length Width Height Count Total Qnty.	18		39.00 7.50	
Spalls/delan Recommende Element Grou Element Name Location Material Element Type Environment	d Work:	100 103	Rehab Urgent	Interior	Replace 1-5 yrs 2 ete Element	6-10 yrs		Maint. Needs Urgent Length Width Height Count Total Qnty. Limited Insp.		1 year	39.00 7.50 1 292.50	
Element Grou Element Name Location Material Element Type Environment Protection Sys	d Work:	100 103 103 None	Rehab Urgent Cast-ir	Interior n-place concre	Replace 1-5 yrs Ete Element code	6-10 yrs		Maint. Needs Urgent Length Width Height Count Total Qnty. Limited Insp.		1 year	39.00 7.50 1 292.50	
Spalls/delan Recommende Element Grou Element Name Location Material Element Type Environment	d Work:	100 103	Rehab Urgent	Interior	Replace 1-5 yrs Element code	6-10 yrs N/A		Maint. Needs Urgent Length Width Height Count Total Qnty. Limited Insp. Suspect		1 year	39.00 7.50 1 292.50	
Element Ground Element Name Location Material Element Type Environment Protection System Condition Data Comments: Delaminatio Small delam	stem Units Sq. m. In swith e.	100 103 None Ex. 0	Rehab Urgent Cast-ir Good 266.50 inforcing at day exposed rei	Interior In-place concre Low Fair 18.0 eck ends inforcing at	Replace 1-5 yrs Ete Element code	6-10 yrs N/A		Maint. Needs Urgent Length Width Height Count Total Qnty. Limited Insp. Suspect	ed F	1 year Performan Oth	39.00 7.50 1 292.50 ce Deficiencies	
Element Group Element Name Location Material Element Type Environment Protection System Condition Data Comments: Delaminatio	stem Units Sq. m. In swith e.	100 103 None Ex. 0	Rehab Urgent Cast-ir Good 266.50 inforcing at d	Interior n-place concre Low Fair 18.0 eck ends nforcing at	Replace 1-5 yrs 1 ete Element code	6-10 yrs N/A		Maint. Needs Urgent Length Width Height Count Total Qnty. Limited Insp. Suspect		1 year Performan Oth	39.00 7.50 1 292.50	

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		100											
Element Group		100					ł	Length					-
Element Name)	106					ł	Width					4
Location				Ctool			ł	Height					-
Material				Steel	code	4	ł	Count			8		-
Element Type Environment				Low	code	4	ł	Total Qnty. Limited Insp.	Н		0		┥
Protection Sys	etom	None		LOW			ł		od P	erformano	o Deficie	ncies	-
	Units	Ex.	Good	Fai	,	Poor		16	.cu i	Othe		110163	┩
Condition Data	Each	0	0	8		0	1			Out	21		_
8Comments	s:												
Recommende	d Work:		Rehab	П	Replace	\neg		Maint. Needs	18		Ot	her	
Recommended Work.			Urgent	Ħ	1-5 yrs	6-10 yrs	П	Urgent	_	1 year	П		
Element Grou	р	200						Length					_
Element Name)	201						Width					_
Location								Height					_
Material								Count			2		_
Element Type					Element code	N/A		Total Qnty.			2		
Environment				Low				Limited Insp.					\Box
Protection Sys	stem	None						Suspect	ed P	erformand	e Deficie	encies	
Condition	Units	Ex.	Good	Fai	r	Poor		16 Other					
Data	Each	0	2	0									
Comments:			Rehab Urgent		Replace [6-10 yrs	_	Maint. Needs	18	1 year	O1	her	
			Orgent	Ш	1-0 yis	0-10 yis	Ш	Urgent	<u> </u>	i yeai	Ш		
Element Grou	p	200						Length			7.50		
Element Name)	202					1	Width			0.27		7
Location							1	Height					7
Material			Cast-ir	n-place concre]	Count			4]
Element Type					Element code	t N/A		Total Qnty.			8.10		
Environment				Severe			1	Limited Insp.	П				7
Protection Sys	stem	None					1	Suspect	ed P	erformano	e Deficie	ncies	7
Condition	Units	Ex.	Good	Fai	r	Poor	1	16		Othe	er		7
Data	Sq. m.	0	6.60	1.00)	0.50							
Comments: Small spalls		ling on eas	t end dam										
Recommende	d Work:		Rehab		Replace			Maint. Needs	18		Ot	her	
			Urgent		1-5 yrs	6-10 yrs		Urgent		1 year			

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Element Grou		200						Length		7.50	
Element Name)	203						Width			
Location								Height			
Material				Steel				Count		8	
Element Type					Elemen code	t N/A		Total Qnty.		60.00	
Environment				Severe				Limited Insp.			
Protection Sys	stem	None							ed Performa	nce Deficiencies	
Condition	Units	Ex.	Good	Fa	ir	Poor		16	0	ther	
Data	m.	0	0 60.00 0 0								
Comments			Rehab	П	Replace			Maint. Needs	18	Other	
Recommende	u work:			ᆜ		⊣	_				
			Urgent		1-5 yrs	6-10 yrs	Ц	Urgent	1 year	· <u> </u>	
Element Grou	n	400						Length		384.00	
Element Name		402						Width		304.00	\dashv
Location	,	402						Height			-
Material		+	Steel					Count			\dashv
Waterial				Oleci	Elemen	f	ł	Count			\dashv
Element Type					code	10		Total Qnty.		384.00	
Environment				Severe			İ	Limited Insp.			_
Protection Sys	stem	None					İ	Suspect	ed Performa	nce Deficiencies	
Condition	Units	Ex.	Good	Fa	ir	Poor		16	0	ther	\neg
Data	m.	0.00	374.00	5.0	00	5.00	Ī				_
Comments Several brol	ken post	s	Rehab Urgent		Replace 1-5 yrs	6-10 yrs	_	Maint. Needs Urgent	18 1 year	Other	
Element Grou	n	400						Length		4.84	
Element Name		402					İ	Width			\dashv
Location	-	1.0-						Height		1.00	\dashv
Material		1	Cast-ir	n-place conci	ete		İ	Count		4	\dashv
					Elemen	t	İ				\dashv
Element Type					code	6		Total Qnty.		19.35	
Environment				Severe	_			Limited Insp.			
Protection Sys	stem	None						Suspect	ed Performa	nce Deficiencies	
Condition	Units	Ex.	Good	Fa	ir	Poor		16	0	ther	
Data	m.	0	0	9.6	88	9.68					
Comments Spalls/delan		s with expo	sed reinforcii	ng							
Recommende	d Work:		Rehab	П	Replace			Maint. Needs	18	Other	
			Urgent		1-5 yrs	6-10 yrs		Urgent	1 year		

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		-				-	-			•	
Element Grou	р	400					Length		40.97		
Element Name)	402					Width				
Location							Height				
Material				Steel			Count		2		
Element Type				Elemen code	t 22		Total Qnty.	otal Qnty. 81.94			
Environment				Severe			Limited Insp.				
Protection Sys	stem	None					Suspecte	d Performan	ce Deficiencies		
Condition	Units	Ex.	Good	Fair	Poor]	16	Oth	ner		
Data	m.	0	76.94	3.00	2.00						
Comments: Rusting thro		>95% coa	ting failure) w	vith minor impact da	mage						
Recommende	d Work:		Rehab	Replace			Maint. Needs	18	Other		
			Urgent	1-5 yrs	6-10 yrs		Urgent	1 year			
Element Grou	n	500					Length		8.50		
Element Name		502				ł	Width		0.26	-	
Location	,	302		End		1	Height		0.68	-	
Material		+		Steel		ł	Count		2	_	
Material				Elemen	t	ł	Count			_	
Element Type				code	3		Total Qnty.		36.38		
Environment				Low	=	1	Limited Insp.				
Protection Sys	stem	None]	Suspecte	d Performan	ce Deficiencies		
Condition	Units	Ex.	Good	Fair	Poor		16	Oth	ner		
Data	Sq. m.	0	32.38	4.00	0						
Comments:			Rehab Urgent	Replace 1-5 yrs	6-10 yrs		Maint. Needs Urgent	18 1 year	Other		
Element Grou	D D	500					Length		8.50	$\overline{}$	
Element Name)	502				1	Width		0.26	\neg	
Location			In	termediate		1	Height		0.68		
Material				Steel		1	Count		7		
Element Type				Elemen code	t 3		Total Qnty.		127.33		
Environment				Low		1	Limited Insp.	1		_	
Protection Sys	stem	None		1		d Performan	ce Deficiencies	\neg			
Condition	Units	Ex.	Good	Fair	Poor	1	16	Oth	ner	_	
Data	Sq. m.	0	111.33	16.00	0						
Comments	I										
Recommende	d Work:		Rehab	Replace			Maint. Needs	18	Other		
			Urgent	1-5 yrs	6-10 yrs		Urgent	1 year			

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							-	<u>-</u>				
Elamont Crow		500					1	Longth				
Element Grou		500					ł	Length Width				
Location	,		End			1	Height					
Material		1		Steel			┨	Count	10			
					Element	: 1	1					
Element Type					code	3		Total Qnty.	. 10			
Environment Low Limited Insp.												
Protection System		None							ed Performance Deficience	cies		
Condition	Units	Ex.	Good	Fai	ir	Poor	ļ	16	Other			
Data Comments:	Each	0	8	2		0						
D	-1 18 <i>f</i> 1		Dahah		р Г			Material Name	40			
Recommende	d Work:		Rehab	╚	Replace	ᆗ	_	Maint. Needs	18 Othe	:r		
			Urgent	Ш	1-5 yrs	6-10 yrs	Ш	Urgent	1 year			
								•				
Element Grou	р	500						Length				
Element Name)	503						Width				
Location			Intermediate									
Material				Steel				Count	30			
F1					Element	3		T-4-1 0::4:	00			
Element Type				Laur	code	3	ł	Total Qnty.	30			
Environment	tom	None		Low			ł	Limited Insp.	ed Performance Deficient	cioe		
Protection Sys	Units	Ex.	Good	Fai	ir	Poor	1	16	Other	ies		
Condition Data	Each	0	23	7		0	ł	10	Otilei			
Comments	:											
Recommende	d Work:		Rehab	П	Replace	7		Maint. Needs	18 Othe	er		
			Urgent	1-5 yrs 6-10 yrs			П	Urgent 1 year				
						_						
Element Grou	р	600						Length	42.52			
Element Name)	601						Width	1.10			
Location								Height	0.41			
Material				Steel				Count	2			
Element Type					Element code	2		Total Onty	162.43			
Element Type Environment				Low	code		ł	Total Qnty. Limited Insp.	102.43			
Protection Sys	stom	None		LOW			ł	·	L_I ed Performance Deficience	ries		
	Units	Ex.	Good	Fai	ir	Poor	i	16	Other	,ico		
Condition Data	Sq. m.	0	145.93	16.5		0	1					
Comments		•					•					
Recommende	d Work:		Rehab	П	Replace			Maint. Needs	18 Othe	er		
			Urgent	Ħ	1-5 yrs	6-10 yrs	П	Urgent	1 year			
			2.9	\Box	- ,		\blacksquare	I Signit	ш ^{т усат} Ш			

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Element Grou		600				ļ	Length	41.00			
Element Name	9	602					Width	0.33			
Location							Height	0.31			
Material				Steel	_		Count	1			
Element Type				Element	3		Total Qnty.	79.05			
Environment				Low			Limited Insp.				
Protection Sys		None				ļ		l Performance Deficier	ncies		
Condition	Units	Ex.	Good	Fair	Poor		16	Other			
Data Comments	Sq. m.	0	62.05	17.00	0						
Bassamanada	al Mander		Dahah	Danie d	-		Maint Nagda 4	0			
Recommende	a work:		Rehab	Replace	╡	_		8 Oth	ier		
			Urgent	1-5 yrs	6-10 yrs	Ш	Urgent _	1 year			
Element Grou	p	600					Length	6.80			
Element Name		603					Width	0.32			
Location						1	Height	0.31			
Material				Steel		1	Count	12			
Element Type				Element	t 2		Total Qnty.	150.96			
Environment				Low		t	Limited Insp.	1.00.00			
Protection Sys	stem	None				1		l Performance Deficier	ncies		
Condition	Units	Ex.	Good	Fair	Poor	1	16	Other			
Data	Sq. m.	0	104.96	46.00	0	1					
Recommende			Rehab Urgent	Replace 1-5 yrs	6-10 yrs		Maint. Needs 1	8 Ott	ner		
Element Grou	n	600					Length	4.20			
Element Name	•	603				ł	Width	0.31			
Location		000				1	Height	0.32			
Material				Steel		ł	Count	14			
				Element		1	-				
Element Type				code	2		Total Qnty.	108.78			
Environment				Low			Limited Insp.				
Protection Sys	stem	None					Suspected	l Performance Deficier	ncies		
Condition	Units	Ex.	Good	Fair	Poor		16	Other			
Data	Sq. m.	0	75.78	33.00	0						
Comments	:										
Recommende	d Work:		Rehab	Replace			Maint. Needs 1	8 Oth	ner		
			Urgent	1-5 yrs	6-10 yrs		Urgent	1 year			

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		-					
Element Grou	р	600					Length 2.30
Element Name)	603					Width 0.10
Location]	Height 0.08
Material				Steel			Count 8
Element Type				Elemen code	nt 2		Total Qnty. 9.20
Environment				Low			Limited Insp.
Protection Sys	stem	None					Suspected Performance Deficiencies
Condition	Units	Ex.	Good	Fair	Poor		16 Other
Data	Sq. m.	9.20	0	0	0		· · · · · · · · · · · · · · · · · · ·
Comments							
Recommende	d Work:		Rehab	Replace	╚	_	Maint. Needs 18 Other
			Urgent	1-5 yrs	6-10 yrs	Ш	Urgent 1 year
Element Grou	D	600					Length
Element Name		604				ı	Width
Location	<u> </u>					1	Height
Material				Steel		i	Count 16
				Elemen	nt	t	
Element Type				code	1		Total Qnty. 16
Environment				Moderate			Limited Insp.
Protection Sys	stem	None					Suspected Performance Deficiencies
Condition	Units	Ex.	Good	Fair	Poor		16 Other
Data	Each	0	16	16 0			
Comments Recommende			Rehab Urgent	Replace	6-10 yrs		Maint. Needs 18 Other Urgent 1 year
Element Grou	n	800					Length
Element Name	•	801				ł	Width
Location	,	001				1	Height
Material		1		Steel		ł	Count
matorial				Elemen	nt	ł	- Count
Element Type				code	4		Total Qnty. 674.12
Environment				Moderate		1	Limited Insp.
Protection Sys	stem	None					Suspected Performance Deficiencies
Condition	Units	Ex.	Good	Fair	Poor		16 Other
Data	Sq. m.	0	0	150.12	524.00		-
Comments Coating fail		ost expose	ed elements				
Recommende	d Work:		Rehab	Replace			Maint. Needs 18 Other
			Urgent	1-5 yrs	6-10 yrs		Urgent 1 year

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		lass -						·						
Element Grou		900					ł	Length			9.50		4	
Element Name)	901						Width			0.50		-	
Location Material		-	Cootin		-4-		ł	Height			2.50		-	
Material			Cast-ir	n-place concr	Element		ł	Count	<u> </u>					
Element Type					code	1		Total Qnty.			47.50	1		
Environment				Low			1	Limited Insp.	П				1	
Protection Sys	stem	None]	Suspect	ed F	Performan	ce Defi	ciencies]	
Condition	Units	Ex.	Good	Fa	ir	Poor	16 Other]	
Data	Sq. m.	0	27.50	10.0	00	10.00								
Comments: Narrow to m		acks with	efflorescence	e										
Recommende	d Work:		Rehab		Replace			Maint. Needs	18			Other		
			Urgent		1-5 yrs	6-10 yrs		Urgent		1 year				
Element Grou	n	900						Length					T	
Element Name		903					ł	Width			3.00		1	
Location		000					ı	Height			3.65		1	
Material			Cast-ir	n-place concr	ete		1	Count			4		1	
Element Type				<u>'</u>	Element code	6		Total Qnty.			21.90	ı	1	
Environment				Low	code	Ů	1	Limited Insp.	Н		21.00	<u>'</u>	1	
Protection Sys	stem	None		LOW			ł		ed F	Performan	ce Defi	ciencies	1	
Condition	Units	Ex.	Good	Fa	ir	Poor	i	16						
Data	Sq. m.	0	10.90	7.0	0	4.00	1						_	
	vingwall h ches and		rack at abutr		Replace		_	Maint. Needs	18		_	Other		
			Urgent		1-5 yrs	6-10 yrs	Ш	Urgent	Ц	1 year	Ш			
Element Grou	р	1400						Length			0			
Element Name)	1402						Width]	
Location								Height					_	
Material						-		Count					4	
Element Type					code	N/A		Total Qnty.	L		4		4	
Environment					Limited Insp.									
Protection Sys		None							ed F	Performan		ciencies	4	
Condition	Units	Ex.	Good	Fa		Poor	Į	16		Oth	er		J	
Data	Each	0	2	0		2								
Comments: Evidence of	-	at west en	nbankments											
Recommende	d Work:		Rehab	П	Replace	7		Maint. Needs	18			Other		
			Urgent	Ħ	1-5 yrs	6-10 yrs	П	Urgent		1 vear	$\overline{\Box}$			

B007028	
35-104	•

-		-					-	-					
Element Grou	p	1400						Length					
Element Name)	1401					1	Width					
Location								Height					
Material	Count												
Element Type	ment Type code N/A Total Qnty. 1				1								
Environment	nvironment Low					Limited Insp.							
Protection System		None						Suspected Performance Deficiencies					
Condition	Units	Ex.	Good	Fai	r	Poor		16		Other			
Data	All	0	1	0		0							
Recommende	Recommended Work: Rehab Replace Maint. Needs 18 Other												
Recommende	u work.		Urgent		1-5 yrs	6-10 yrs		Urgent		1 year	J		
Element Grou	0	1600						Length		1	10.00		
Element Name		1601					i	Width			7.50		
Location							1	Height					
Material				Asphalt			1	Count					
Element Type					Element code	N/A		Total Qnty.		7	75.00		
Environment				Severe		-		Limited Insp.					
Protection Sys	stem	None				Suspected Performance Deficiencies							
Condition	Units	Ex. Good Fair Poor		Poor		16		Other					
Data	Sq. m.	0	65.00	10.0)0	0							
Comments: Medium wid		erse and lo	ngitudinal cr	acks									
Recommende	Recommended Work: Rehab Replace							Maint. Needs	18		Other		
Urgent									1 year				

STRUCTURE NAME Bosworth Bridge

STRUCTURE NUMBER B007028

Date Sept. 24, 2019 Description West Approach



SHEET

OF

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10

Date Sept. 24, 2019 Description Asphalt Wearing Surface



STRUCTURE PHOTOGRAPHS SHEET 2

OF

10

STRUCTURE NAME Bosworth Bridge

STRUCTURE NUMBER B007028

Date Sept. 24, 2019 Description General View looking East



Date Sept. 24, 2019 Description General View looking South



SHEET

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STRUCTURE NAME

Bosworth Bridge

STRUCTURE NUMBER

B007028

Date Sept. 24, 2019

Description

General View looking West



Date Sept. 24, 2019

Description

North Elevation



SHEET

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OF

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STRUCTURE NAME

Bosworth Bridge

STRUCTURE NUMBER

B007028

Date Sept. 24, 2019

Description

South Elevation



Date Sept. 24, 2019

Description

East Abutment



STRUCTURE PHOTOGRAPHS SHEET 5 OF 10

STRUCTURE NAME Bosworth Bridge

STRUCTURE NUMBER B007028

Date Sept. 24, 2019 Description West Abutment



Date Sept. 24, 2019 Description Soffit (Typical)



SHEET

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10

STRUCTURE NAME

Bosworth Bridge

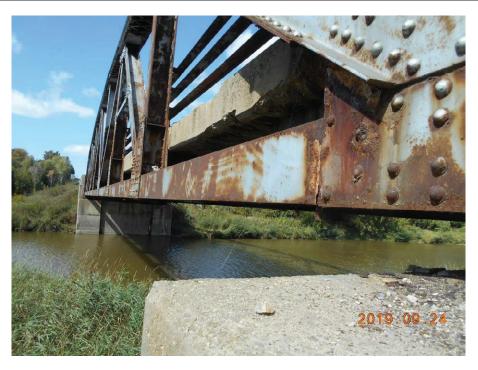
STRUCTURE NUMBER

B007028

Date Sept. 24, 2019

Description

Bottom Chord (Typical)



Date Sept. 24, 2019

Description

Floorbeam and Stringers (Typical)



SHEET

OF

10

STRUCTURE NAME

Bosworth Bridge

STRUCTURE NUMBER

B007028

Date Sept. 24, 2019

Description

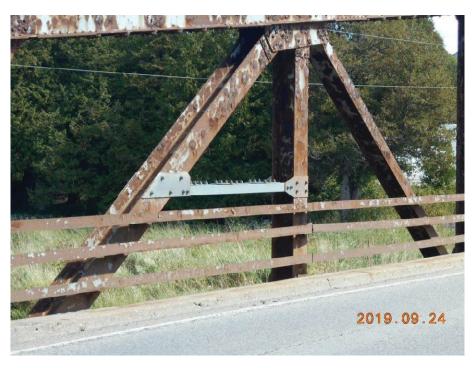
East Abutment Bearing



Date Sept. 24, 2019

Description

Recently Installed Bracing Member



SHEET

8 OF

10

STRUCTURE NAME

Bosworth Bridge

STRUCTURE NUMBER

B007028

Date Sept. 24, 2019

Description

Southeast Wingwall (Note: Spall)



Date Sept. 24, 2019

Description

Damaged Barrier



SHEET

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OF

STRUCTURE NAME

Bosworth Bridge

STRUCTURE NUMBER

B007028

Date Sept. 24, 2019

Description

Medium Corrosion at Gusset Connection



Date Sept. 24, 2019

Description

Spall with Exposed Rebar at Concrete Barrier



STRUCTURE PHOTOGRAPHS		SHEET	10	OF	10
STRUCTURE NAME	Bosworth Bridge				
STRUCTURE NUMBER	B007028				

Date Sept. 24, 2019 Description Spall with Exposed Rebar at Exterior Soffit

