

Name: SOUTH BRIDGE Ref No: HY622/153

14	: 300	TH BRIDG	E										Ret No:	H 1 622/153		
Ge	neral	Inspection		Inspe	ector:	Lloyd	l Gler	1					Form 1 c	of 6 for this stru	icture	
Bri	bridge Name: SOUTH BRIDGE Bridge Ref/No: HY622/153												Date: 16/11/2023			
Bri	dge R	ef/No: HY622	2/153				SI	pan Wid	dth: 9.4	10 m			Map Ref	: 325972,6735	538	
ВС	I Spar	n Number: 1	ВС	Cl Span Total			Le	ength of	Span:	9.40	m		Primary D	eck Form: Arch -	Solid Spandrel	
Sp	an des	scription:	•										Primary D	eck Material: L M	asonry - Stone	
All	All above ground elements inspected: 1						F	Photogra	aphs:	1				y Deck Form: No No Transverse B	Secondary Deck	
Nu	mber	of construction	on forms in	Bridge/Span:	1		•						Secondary Element	y Deck Material: I	P No Secondary	
						С	ondit	tion Ind	icator	and :	Scores					
			A	verage Sco	re for	stru	cture	е			Sp	an S	core			
			BCI av	81.49	BCS	3 av	1.9	95	BCI a	٩V	79.10	T	3CS av	2.09		
			BCI crit	76.78	BCS	crit	2.3	37	BCI c	rit	55.48	E	3CS crit	3.10		
Set	No	EI	lement Des	scription		S	Ex	Def	w	Р	Cost	М		Comm	ents	
	1	Primary Deck	Element (Ta	able G4)		3	С	3.4	М	L	0			ngs as inspection	rch barrel, unable to carried out from	
	2		eck Element	/S - Transverse												
	3	Beams Secondary Deck Element/S - Element														
		From Table G5														
	4	Half Joints														
	5	Tie Beam/Rods														
	6	Parapet Beam Or Cantilever														
	7	Deck Bracing														
. 40	8	Foundations											<u> </u>			
cture	9	Abutments (Ir	ncl. Arch Spr	ringing)												
Stru	10	Spandrel Wal	I/Head Wall	,		2	В	3.2	None	0	0		Minor poi	nting loss		
Sub Structure	11	Pier/Column				2	В	3.2	None	0	0		Minor poi	nting loss and ma	ijor staining due to	
	12	Cross-head/C	anning Rea	m									water from	n arch barrel		
	13	Bearings	Japping Boa	····												
	14	Bearing Plinth	n/Shelf													
	15	Superstructur	e Drainage					l		l	l .	i i	<u>.                                    </u>			
ıg	16	Substructure														
Elements	17	Waterproofing				3	D	14.2	М	L	0		Major sta	ining and water in	gress over entirety	
ă	18	Movement/Ex	,	nts		,			.*,	Ė	Ť		ajor ota		.g. 250 010. Olimoty	
	19															
	20	Painting: Deck Elements  Painting: Substructure Elements														
_	21	Painting: Para				3	С	4.1	None	0	0			s and normal wea on parapet rails	athering to	
	22	Access/Walky	ways/Gantrie	es											-	
nts	23	Handrail/Para				1	Α	1.1	None	0	0		No defect	s noted		
Safety Elements	24	Carriageway	·			1	Α	9.1	None	0	0		No defect			
						1				l	1	1	1			



Name	Name: SOUTH BRIDGE Ref No: HY622/153												
o o	26	Invert/River Bed											
3ridg ents	27	Aprons											
Other Bridge Elements	28	Fenders/Cutwaters/Collision Protection											
Ď T	29	River Training Works											
	30	Revetment/Batter Paving											
	31	Wing Walls											
	32	Retaining Walls											
	33	Embankments											
	34	Machinery											
	35	Approach Rails/Barriers/Walls											
ary nts	36	Signs											
Ancilliary Elements	37	Lighting											
∢ ш	38	Services											
					/- D-/	4 -		•					
				Multip	ie Dei	ects							
No m	ultiple	e defects recorded											
			Inc	noctor'	s Com	mon	tc						
			IIIS	pector'	S COII	imen	ıs						
		nspect fully due to access restrictions, in	-				-						
		ting loss throughout, major staining	and le	eaching	to ar	ch b	arrel an	d bo	oth piers, Minor pai	ntwork breakdown on			
parap													
		e height it was impossible to read	any o	f the te	ell tale	es th	erefore	unal	ole to as ascertain	any movement since			
instal	led.												
Non	20: L l	byd Glen	Sign	ned:						Date: 16/11/2023			
INAI	ic. Lic	Jyu Glen	Joigi	ieu.						Date. 10/11/2025			
			Eı	ngineer'	s Con	nmen	ıts						
				<u> </u>									
Nam	e:		Signe	ed:						Date: 01/01/1970			
				14/5 ::/-	Pogu	ive d							



Based on Volume 2 Addendum: August 2004

Ref No: HY622/153 Name: SOUTH BRIDGE Form 2 of 6 for this structure **General Inspection** Inspector: Lloyd Glen Bridge Name: SOUTH BRIDGE Date: 16/11/2023 Bridge Ref/No: HY622/153 Span Width: 9.30 m Map Ref: 325972,673538 Primary Deck Form: Arch - Solid Spandrel **BCI Span Total** BCI Span Number: 2 Length of Span: 9.30 m Primary Deck Material: L Masonry - Stone Span description: Secondary Deck Form: Unknown All above ground elements inspected: 1 Photographs: 1 Secondary Deck Material: P No Secondary Number of construction forms in Bridge/Span: 1 Element **Condition Indicator and Scores** Average Score for structure **Span Score** 85.98 1.76 81.49 BCS av BCI av BCS av 1.95 BCI av BCI crit 76.78 BCS crit 2.37 BCI crit 81.00 BCS crit 2.00 Set **Element Description** W Comments Ex Def Cost Primary Deck Element (Table G4) 2 В 3.2 None 0 0 Minor pointing loss **Jeck Elements** Secondary Deck Element/S - Transverse Secondary Deck Element/S - Element From Table G5 4 Half Joints 5 Tie Beam/Rods 6 Parapet Beam Or Cantilever Deck Bracing 8 Foundations Load Bearing Sub Structure Abutments (Incl. Arch Springing) 2 В None 0 0 Minor pointing loss 10 Spandrel Wall/Head Wall 2 3.2 0 В None 0 Minor pointing loss 11 Pier/Column 12 Cross-head/Capping Beam 13 Bearings 14 Bearing Plinth/Shelf Superstructure Drainage 16 Substructure Drainage 17 D 14.2 Waterproofing L Major staining and leaching due to water ingress 18 Movement/Expansion Joints 19 Painting: Deck Elements 20 Painting: Substructure Elements 21 Painting: Parapets/Safety Fences 2 4.1 0 Spot chips and normal weathering None 0 22 Access/Walkways/Gantries 23 Elements Handrail/Parapets/Safety Fences 1 1.1 0 0 No defects noted None Safety 24 Carriageway Surfacing 1 Α 9.1 None 0 0 No defects 0 0 Footway/Verge/Footbridge Surfacing 1 9 1 None Footpath flags in good condition Invert/River Bed Other Bridge Elements 27 Aprons Fenders/Cutwaters/Collision Protection 29 River Training Works Revetment/Batter Paving 31 Wing Walls 32 Retaining Walls 33 Embankments Machinery



Name	lame: SOUTH BRIDGE									Ref No: HY622/153
	35	Approach Rails/Barriers/Walls								
iary ents	36	Signs								
Ancilliary Elements	37	Lighting								
, ,	38	Services								

Multiple Defects
No multiple defects recorded

		Inspec	tor's Comments	
As span 1				
Name: Lloyd Gle	n	Signed:		Date: 16/11/2023
		-		
		Engin	eer's Comments	
Name:		Signed:		Date: 01/01/1970
ivanio.		Oigi ieu.		Date. 01/01/19/0
		W	ork Required	



Based on Volume 2 Addendum: August 2004

Ref No: HY622/153 Name: SOUTH BRIDGE Form 3 of 6 for this structure **General Inspection** Inspector: Lloyd Glen Bridge Name: SOUTH BRIDGE Date: 16/11/2023 Bridge Ref/No: HY622/153 Span Width: 30.00 m Map Ref: 325972,673538 Primary Deck Form: Arch - Solid Spandrel **BCI Span Total** BCI Span Number: 3 Length of Span: 12.00 m Span description: Primary Deck Material: L Masonry - Stone Secondary Deck Form: No Secondary Deck All above ground elements inspected: 1 Photographs: 1 Element - No Transverse Beams Secondary Deck Material: K Masonry - Brick Number of construction forms in Bridge/Span: 1 **Condition Indicator and Scores** Average Score for structure **Span Score** 81.00 2.00 81.49 BCS av BCI av BCS av 1.95 BCI av BCI crit 76.78 BCS crit 2.37 BCI crit 81.00 BCS crit 2.00 Set **Element Description** W Comments Ex Def Cost Primary Deck Element (Table G4) 2 В 3.2 None 0 0 Minor pointing loss Secondary Deck Element/S - Transverse Secondary Deck Element/S - Element From Table G5 4 Half Joints 5 Tie Beam/Rods 6 Parapet Beam Or Cantilever Deck Bracing 8 Foundations Load Bearing Sub Structure Abutments (Incl. Arch Springing) 10 Spandrel Wall/Head Wall 11 Pier/Column 12 Cross-head/Capping Beam 13 Bearings 14 Bearing Plinth/Shelf Superstructure Drainage 16 Substructure Drainage 17 Waterproofing 18 Movement/Expansion Joints 19 Painting: Deck Elements 20 Painting: Substructure Elements Painting: Parapets/Safety Fences Access/Walkways/Gantries 23 Handrail/Parapets/Safety Fences Elements Carriageway Surfacing 25 Footway/Verge/Footbridge Surfacing 26 Invert/River Bed Other Bridge 27 Aprons 28 Fenders/Cutwaters/Collision Protection River Training Works 30 Revetment/Batter Paving 31 Wing Walls 32 Retaining Walls 33 Embankments Machinery



Name	Name: SOUTH BRIDGE									Ref No: HY622/153
	35	Approach Rails/Barriers/Walls								
iary ents	36	Signs								
Ancilliary Elements	37	Lighting								
, ,	38	Services								

Multiple Defects
No multiple defects recorded

		Inspec	tor's Comments	
As span 1				
Name: Lloyd Gle	n	Signed:		Date: 16/11/2023
		-		
		Engin	eer's Comments	
Name:		Signed:		Date: 01/01/1970
ivanio.		Oigi ieu.		Date. 01/01/19/0
		W	ork Required	



Based on Volume 2 Addendum: August 2004

Ref No: HY622/153 Name: SOUTH BRIDGE Form 4 of 6 for this structure **General Inspection** Inspector: Lloyd Glen Bridge Name: SOUTH BRIDGE Date: 16/11/2023 Bridge Ref/No: HY622/153 Span Width: 17.05 m Map Ref: 325972,673538 Primary Deck Form: Arch - Solid Spandrel **BCI Span Total** BCI Span Number: Arch G Length of Span: 6.15 m Span description: Primary Deck Material: L Masonry - Stone Secondary Deck Form: No Secondary Deck All above ground elements inspected: 0 Photographs: 0 Element - No Transverse Beams Secondary Deck Material: P No Secondary Number of construction forms in Bridge/Span: 1 Element **Condition Indicator and Scores** Average Score for structure **Span Score** -999.00 -999.00 BCI av 81.49 BCS av BCS av 1.95 BCI av BCI crit 76.78 BCS crit 2.37 BCI crit NA BCS crit NA Set **Element Description** W Cost Comments Ex Def М Primary Deck Element (Table G4) 6 0 None 0 0 Secondary Deck Element/S - Transverse Secondary Deck Element/S - Element From Table G5 4 Half Joints 5 Tie Beam/Rods 6 Parapet Beam Or Cantilever Deck Bracing 8 Foundations Load Bearing Sub Structure Abutments (Incl. Arch Springing) 10 Spandrel Wall/Head Wall 11 Pier/Column 12 Cross-head/Capping Beam 13 Bearings 14 Bearing Plinth/Shelf Superstructure Drainage 16 Substructure Drainage 17 Waterproofing 18 Movement/Expansion Joints 19 Painting: Deck Elements 20 Painting: Substructure Elements Painting: Parapets/Safety Fences Access/Walkways/Gantries 23 Handrail/Parapets/Safety Fences Elements Carriageway Surfacing 25 Footway/Verge/Footbridge Surfacing 26 Invert/River Bed Other Bridge 27 Aprons 28 Fenders/Cutwaters/Collision Protection River Training Works 30 Revetment/Batter Paving 31 Wing Walls 32 Retaining Walls 33 Embankments Machinery



Name	lame: SOUTH BRIDGE									Ref No: HY622/153
	35	Approach Rails/Barriers/Walls								
iary ents	36	Signs								
Ancilliar	37	Lighting								
, ,	38	Services								

Multiple Defects
No multiple defects recorded

		Inspec	tor's Comments	
Unable to inspect	due to access restrictions			
Name: Lloyd Gle	n	Signed:		Date: 16/11/2023
		Engin	eer's Comments	
Name:		Signed:		Date: 01/01/1970
		W	ork Required	
				-



Based on Volume 2 Addendum: August 2004

Ref No: HY622/153 Name: SOUTH BRIDGE Form 5 of 6 for this structure **General Inspection** Inspector: Lloyd Glen Bridge Name: SOUTH BRIDGE Date: 16/11/2023 Bridge Ref/No: HY622/153 Span Width: 17.05 m Map Ref: 325972,673538 Primary Deck Form: Arch - Solid Spandrel **BCI Span Total** BCI Span Number: Arch I Length of Span: 6.15 m Span description: Primary Deck Material: L Masonry - Stone Secondary Deck Form: No Secondary Deck All above ground elements inspected: 0 Photographs: 0 Element - No Transverse Beams Secondary Deck Material: P No Secondary Number of construction forms in Bridge/Span: 1 Element **Condition Indicator and Scores** Average Score for structure **Span Score** -999.00 -999.00 81.49 BCS av BCI av BCS av 1.95 BCI av BCI crit 76.78 BCS crit 2.37 BCI crit NA BCS crit NA Set **Element Description** W Cost Ex Def Comments Primary Deck Element (Table G4) 6 0 None 0 0 Unable to inspect due to access restrictions Secondary Deck Element/S - Transverse Secondary Deck Element/S - Element From Table G5 4 Half Joints 5 Tie Beam/Rods 6 Parapet Beam Or Cantilever Deck Bracing 8 Foundations Load Bearing Sub Structure Abutments (Incl. Arch Springing) 10 Spandrel Wall/Head Wall 11 Pier/Column 12 Cross-head/Capping Beam 13 Bearings 14 Bearing Plinth/Shelf Superstructure Drainage 16 Substructure Drainage 17 Waterproofing 18 Movement/Expansion Joints 19 Painting: Deck Elements 20 Painting: Substructure Elements Painting: Parapets/Safety Fences Access/Walkways/Gantries 23 Handrail/Parapets/Safety Fences Elements Carriageway Surfacing 25 Footway/Verge/Footbridge Surfacing 26 Invert/River Bed Other Bridge 27 Aprons 28 Fenders/Cutwaters/Collision Protection River Training Works 30 Revetment/Batter Paving 31 Wing Walls 32 Retaining Walls 33 Embankments Machinery



Name	lame: SOUTH BRIDGE									Ref No: HY622/153
	35	Approach Rails/Barriers/Walls								
iary ents	36	Signs								
Ancilliar	37	Lighting								
, ,	38	Services								

Multiple Defects
No multiple defects recorded

Inspector's Comments								
Unable to inspect due to access restrictions								
Name: Lloyd Glen		Signed:			Date: 16/11/2023			
Engineer's Comments								
Name:		Signed:			Date: 01/01/1970			
Work Required								



Based on Volume 2 Addendum: August 2004

Ref No: HY622/153 Name: SOUTH BRIDGE Form 6 of 6 for this structure **General Inspection** Inspector: Lloyd Glen Bridge Name: SOUTH BRIDGE Date: 16/11/2023 Bridge Ref/No: HY622/153 Span Width: 17.05 m Map Ref: 325972,673538 Primary Deck Form: Arch - Solid Spandrel **BCI Span Total** BCI Span Number: Arch A Length of Span: 6.15 m Span description: Primary Deck Material: L Masonry - Stone Secondary Deck Form: No Secondary Deck All above ground elements inspected: 0 Photographs: 0 Element -transverse Beams Secondary Deck Material: P No Secondary Number of construction forms in Bridge/Span: 1 Element **Condition Indicator and Scores** Average Score for structure **Span Score** -999.00 -999.00 81.49 BCS av BCI av BCS av 1.95 BCI av BCI crit 76.78 BCS crit 2.37 BCI crit NA BCS crit NA Set **Element Description** W Cost Ex Def Comments Primary Deck Element (Table G4) 6 0 None 0 0 Unable to inspect due to access restrictions Secondary Deck Element/S - Transverse Secondary Deck Element/S - Element From Table G5 4 Half Joints Tie Beam/Rods 6 Parapet Beam Or Cantilever Deck Bracing 8 Foundations Load Bearing Sub Structure Abutments (Incl. Arch Springing) 10 Spandrel Wall/Head Wall 11 Pier/Column 12 Cross-head/Capping Beam 13 Bearings 14 Bearing Plinth/Shelf Superstructure Drainage 16 Substructure Drainage 17 Waterproofing 18 Movement/Expansion Joints 19 Painting: Deck Elements 20 Painting: Substructure Elements Painting: Parapets/Safety Fences Access/Walkways/Gantries 23 Handrail/Parapets/Safety Fences Elements Carriageway Surfacing 25 Footway/Verge/Footbridge Surfacing 26 Invert/River Bed Other Bridge 27 Aprons 28 Fenders/Cutwaters/Collision Protection River Training Works 30 Revetment/Batter Paving 31 Wing Walls 32 Retaining Walls 33 Embankments Machinery



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Name: SOUTH BRIDGE					Ref No: HY622/153			
Ancilliary Elements	35	Approach Rails/Barriers/Walls						
	36	Signs						
	37	Lighting						
	38	Services						

Multiple Defects
No multiple defects recorded

Inspector's Comments							
Unable to inspect due to access restrictions							
Name: Lloyd Gle	n	Signed:			Date: 16/11/2023		
Engineer's Comments							
Name:		Signed:			Date: 01/01/1970		
Work Required							
		<del></del>					

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