

Name: COLTBRIDGE VIADUCT Ref No: HY623/062

Name	: COL	TBRIDGE \	/IADUCT										Ref No:	HY623/062				
General Inspection Inspector:														Form 1 of 3 for this structure				
Bridge Name: COLTBRIDGE VIADUCT												Date: 14/01/2025						
Bridge Ref/No: HY623/062						Span Width: 18.30 m							Map Ref: 323075,673428					
BCI Span Number: 1 BCI Span Total							Length of Span: 31.00 m							eck Form: Arch -	Solid Spandrel			
Sp	an des	scription:		<u> </u>						Primary Deck Material: L Masonry - Stone								
All	above	ground elen	Photographs: 1							Secondary Deck Form: No Secondary Deck Element - No Transverse Beams								
Nu	mber	of construction	n forms in								Secondary Deck Material: P No Secondary Element							
						C	ondi	tion Ind	icator	and	Scores							
			А	verage Scor	e for	stru	cture	<b>e</b>			Sp	an S	core					
			BCI av	86.22	BCS	S av	1.7	74	BCI av		83.03		3CS av	1.90				
			BCI crit	81.00	BCS			00	BCI crit		81.00		BCS crit	2.00				
Set	No	E	ement Des	scription		S	Ex	Def	W P		Cost			Comm	ents			
nents	1	Primary Deck Element (Table G4)					В	3.2	None	0	0			Minor pointing loss and small areas of delamination				
Deck Elements	2	Secondary Deck Element/S - Transverse Beams																
Ď	3	Secondary De		/S - Element														
	4	Half Joints	3															
	5	Tie Beam/Roo	ds			2	В	1.1	None	0	0		Minor sur	face rusting to pa	tras plates			
	6	Parapet Beam Or Cantilever													F			
	7	Deck Bracing																
D 0	8	Foundations						1										
Load Bearing Sub Structure	9	Abutments (Ir	ncl. Arch Spr	ringing)		2	В	3.2	None	0	0		Minor poi	nting loss and sm	all areas of			
Load Sub	10	Spandrel Wall/Head Wall				2	В	3.2	None	0	0			nting loss and sm	all areas of			
	11	Pier/Column				2	В	3.2	None	0	0			nting loss and sm	all areas of			
	12	Cross-head/Capping Beam											delamina	lion				
	13	Bearings	11 0															
	14	Bearing Plinth/Shelf																
	15	Superstructure Drainage																
ty Its	16																	
Durability Elements	17	Substructure Drainage Waterproofing				3	С	14.2	М	L	0			staining and drop	os of water from			
	18	Movement/Expansion Joints											arch barre	<del>2</del> I				
	19	Painting: Deck Elements																
	20	Painting: Substructure Elements																
	21	Painting: Parapets/Safety Fences				1	Α	4.1	None	0	0		No defect	s noted				
	22	Access/Walkways/Gantries									1	1						
y Its	23	Handrail/Para				1	Α	1.1	None	0	0		No defect	s noted				
Safety Elements	24		•	. 511000		'		1.1	110110		1		110 001001					
S =		Carriageway Surfacing Footway/Verge/Footbridge Surfacing					Α	9.1	None	0	0		No defect	s noted				
		T Journal Vergen Journage Surfacing						0.1	1.0.10				5 451661					



Name: COLTBRIDGE VIADUCT

# **Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Ref No: HY623/062

d)	26	Invert/Rive	er Bed									
Other Bridge Elements	27	Aprons		2	В	3.2	None	0	0		Minor pointing loss	
	28	Fenders/Cutwaters/Collision Protection										
	29	River Training Works										
i [	30	Revetment/Batter Paving										
	31	Wing Wall	s	3	С	3.2	None	0	0		Moderate pointing loss and small areas of delamination	
[	32	Retaining	Walls									
	33	Embankm	ents									
	34	Machinery	,									
	35	Approach	Rails/Barriers/Walls									
ا <sup>ک</sup> او	36	Signs										
Ancilliary Elements	37	Lighting										
	38	Services										
<u> </u>		<u> </u>		<u> </u>								
						Multip	le Def	ects				
No m	No multiple defects recorded											
Inspector's Comments												
Section stainir	This structure is generally in fair condition with the exception of the following.  Sections of delamination to masonry on numerous elements of structure. Minor pointing loss throughout. Significant staining and drops of water from arch barrel. Minor Vegetation growth on stringers and wing walls.											
Name: Signed:								Date: 14/01/2025				
Engineer's Comments												
Name	e:			Si	igned	d:					Date: 01/01/1970	
Work Required												



Based on Volume 2 Addendum: August 2004

Name: COLTBRIDGE VIADUCT Ref No: HY623/062 Form 2 of 3 for this structure **General Inspection** Inspector: Bridge Name: COLTBRIDGE VIADUCT Date: 14/01/2025 Bridge Ref/No: HY623/062 Span Width: 18.30 m Map Ref: 323075,673428 Primary Deck Form: Arch - Solid Spandrel **BCI Span Total** BCI Span Number: 2 Length of Span: 31.00 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: P No Secondary Number of construction forms in Bridge/Span: 1 Element **Condition Indicator and Scores** Average Score for structure **Span Score** 88.07 1.65 BCI av 86.22 1.74 BCS av BCS av BCI av BCI crit 81.00 BCS crit 2.00 BCI crit 81.00 BCS crit 2.00 Set **Element Description** S Ex Def Cost Comments Primary Deck Element (Table G4) 3.2 None 0 0 Minor pointing loss and small areas of **Jeck Elements** delamination Secondary Deck Element/S - Transverse Beams Secondary Deck Element/S - Element From Table G5 4 5 Tie Beam/Rods 6 Parapet Beam Or Cantilever Deck Bracing 8 Foundations Load Bearing Sub Structure 9 Abutments (Incl. Arch Springing) 10 Spandrel Wall/Head Wall В 3.2 None 0 0 Minor pointing loss and small areas of delamination 11 Pier/Column В 3.2 None 0 Minor pointing loss and small areas of delamination 12 Cross-head/Capping Beam 13 Bearings Bearing Plinth/Shelf Superstructure Drainage Durability Elements 16 Substructure Drainage 17 2 В 14.2 None 0 0 Waterproofing Slight staining on arch barrel 18 Movement/Expansion Joints 19 Painting: Deck Elements 20 Painting: Substructure Elements 21 None Painting: Parapets/Safety Fences 0 1 Α 4.1 0 No defects noted 22 Access/Walkways/Gantries 23 Handrail/Parapets/Safety Fences 1 1.1 None 0 0 No defects noted Elements 24 Carriageway Surfacing Footway/Verge/Footbridge Surfacing 9.1 None 0 0 No defects noted



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Name	: COI	TBRIDGE VIADUCT								Ref No: HY623/062		
Other Bridge Elements	26	Invert/River Bed										
	27	Aprons	2	В	3.2	None	0	0		Minor pointing loss		
	28	Fenders/Cutwaters/Collision Protection										
ŏ "	29	River Training Works										
	30	Revetment/Batter Paving										
	31	Wing Walls										
	32	Retaining Walls										
	33	Embankments										
	34	Machinery										
	35 Approach Rails/Barriers/Walls											
r str	36											
Ancilliary Elements	37	3										
ΑЩ	38	Services										
					Multip	le Def	ects					
No m	ultiple	e defects recorded										
	Inspector's Comments											
Section	This structure is generally in fair condition with the exception of the following. Sections of delamination to masonry on numerous elements of structure. Minor pointing loss throughout. Significant staining and drops of water from arch barrel. Minor Vegetation growth on stringers and wing walls.											
Name:         Signed:         Date: 14/01/200									1/2025			
Engineer's Comments												
Nam	ie:		s	igne	d:					Date: 01/01/1970		

Work Required



Based on Volume 2 Addendum: August 2004

Name: COLTBRIDGE VIADUCT Ref No: HY623/062 Form 3 of 3 for this structure **General Inspection** Inspector: Bridge Name: COLTBRIDGE VIADUCT Date: 14/01/2025 Bridge Ref/No: HY623/062 Span Width: 18.30 m Map Ref: 323075,673428 Primary Deck Form: Arch - Solid Spandrel **BCI Span Total** BCI Span Number: 3 Length of Span: 31.00 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: P No Secondary Number of construction forms in Bridge/Span: 1 Element **Condition Indicator and Scores** Average Score for structure **Span Score** 87.57 1.68 BCI av 86.22 1.74 BCS av BCS av BCI av BCI crit 81.00 BCS crit 2.00 BCI crit 81.00 BCS crit 2.00 Set **Element Description** S Ex Def Cost Comments Primary Deck Element (Table G4) 3.2 None 0 0 Minor pointing loss and small areas of **Jeck Elements** delamination Secondary Deck Element/S - Transverse Beams Secondary Deck Element/S - Element From Table G5 4 5 Tie Beam/Rods 6 Parapet Beam Or Cantilever Deck Bracing 8 Foundations Load Bearing Sub Structure Abutments (Incl. Arch Springing) В 2 3.2 None 0 0 Minor pointing loss and small areas of delamination Spandrel Wall/Head Wall 2 В 3.2 None 0 0 Minor pointing loss and small areas of delamination Pier/Column 2 В 3.2 0 None 0 Minor pointing loss and small areas of delamination 12 Cross-head/Capping Beam 13 Bearings 14 Bearing Plinth/Shelf 15 Superstructure Drainage Durability Elements Substructure Drainage 17 Waterproofing 2 В 14.2 None 0 0 Damp surface and staining Movement/Expansion Joints 19 Painting: Deck Elements 20 Painting: Substructure Elements 21 Painting: Parapets/Safety Fences 1 4.1 0 No defects noted None 0 22 Access/Walkways/Gantries 23 **∃lements** Handrail/Parapets/Safety Fences 1 Α 1.1 None 0 0 No defects noted Carriageway Surfacing 25 Footway/Verge/Footbridge Surfacing N9 defects noted 9.1 None 0 0



Based on Volume 2 Addendum: August 2004

Name	: COI	TBRIDGE VIADUCT						_		Ref No: HY623/062		
Other Bridge Elements	26	Invert/River Bed										
	27	Aprons	2	В	3.2	None	0	0		Minor pointing loss		
	28	Fenders/Cutwaters/Collision Protection										
ŏ "	29	River Training Works										
	30	Revetment/Batter Paving										
	31	Wing Walls	2	В	3.2	None	0	0		Minor pointing loss and small areas of delamination		
	32	Retaining Walls										
	33	Embankments										
	34	Machinery										
	35	A										
> o	36	Approach Rails/Barriers/Walls										
Ancilliary Elements	37	Signs										
And	38	Lighting										
	30	Services										
					Multip	lo Dof	octe					
NIa m	141 1	- d-ft- us-s-udd			munup	ie Dei	CCIS					
NO II	ullipie	e defects recorded										
				ınsı	pector's	s Com	men	its				
Section staini graffit	This structure is generally in fair condition with the exception of the following.  Sections of delamination to masonry on numerous elements of structure. Minor pointing loss throughout. Significant staining and drops of water from arch barrel. Minor Vegetation growth on stringers and wing walls. Minor tag of offensive graffiti on D/S side of pier, (will arrange removal).											
Name: Signed:									Date: 14/01/2025			
				En	gineer'	's Con	mer	ıts				
Nam	ie:		S	igne	d:					Date: 01/01/1970		
	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2											

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Work Required