



General Inspection CSS		Inspector: [REDACTED]		<b>Form 1 of 3 for this bridge</b>					
Bridge Name: CLODDACH				Date: 14/07/2017					
Bridge Ref/No: C2E/20			Span Width: 4.55m			Map Ref: 320172, 858398			
			Span Length: 6.73m			Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface			
Span description: west span				Primary Deck Material: E Steel					
All above ground elements inspected: Yes			Photographs: Yes			Secondary Deck Form: 23 Jack Arch - No Transverse Beams			
Number of construction forms in bridge/span: 1				Secondary Deck Material: B Plain / Mass Concrete					
Set	No	Element Description	S	Ex	Def	W	P	Cost	Comments
Deck Elements	1	Primary Deck Element (Table 2)	5	E	1.1	RM	H	#####	New bridge required.
	2	Secondary Deck Element/S - Transverse Beams	5	E	3.5	RM	?	0	
	7	Deck Bracing	5	E	1.1	?	?	0	
Load Bearing Sub Structure	8	Foundations	1	A	6.1	?	?	0	
	9	Abutments (Incl. Arch Springing)	4	D	2.5	?	?	0	
	11	Pier/Column	5	E	2.2	?	?	0	
Durability Elements	16	Substructure Drainage	2	C	8.1	?	?	0	
	17	Waterproofing	5	E	14.2	?	?	0	
	21	Painting: Parapets/Safety Fences	5	C	4.1	?	?	0	
Safety Elements	23	Handrail/Parapets/Safety Fences	5	E	1.4	?	?	0	
	24	Carriageway Surfacing	3	D	9.2	?	?	0	
	25	Footway/Verge/Footbridge Surfacing	3	E	9.3	?	?	0	
Other Bridge Elements	26	Invert/River Bed	5	E	7.1	RM	H	20,000	repair scour
	33	Embankments	2	D	11.1	?	?	0	
Ancillary Elements	35	Approach Rails/Barriers/Walls	3	E	3.5	?	?	0	
	36	Signs	1	A	1.1	?	?	0	



**Multiple Defects**

Element Number	Defect Number	Severity	Extent	Defect	Comments
25	1	3	E	5..1	

**Inspector's Comments**

No comments recorded by inspector.

Name: [Redacted] Signed: Date: 14/07/2017

**Engineer's Comments**

No comments recorded by engineer.

Name: ? Signed: Date: 01/01/9999

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
1	R Repair / Maintain	High	£500,000
2	R Repair / Maintain	?	£0
26	R Repair / Maintain	High	£20,000



General Inspection CSS		Inspector: [REDACTED]						<b>Form 2 of 3 for this bridge</b>	
Bridge Name: CLODDACH								Date: 14/07/2017	
Bridge Ref/No: C2E/20				Span Width: 4.55m			Map Ref: 320172, 858398		
				Span Length: 6.73m			Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface		
Span description: centre span								Primary Deck Material: E Steel	
All above ground elements inspected: Yes				Photographs: Yes			Secondary Deck Form: 23 Jack Arch - No Transverse Beams		
Number of construction forms in bridge/span: 1								Secondary Deck Material: B Plain / Mass Concrete	
Set	No	Element Description	S	Ex	Def	W	P	Cost	Comments
Deck Elements	1	Primary Deck Element (Table 2)	5	E	1.1	RM	H	#####	New bridge required.
	2	Secondary Deck Element/S - Transverse Beams	5	E	3.5	RM	?	0	
	7	Deck Bracing	5	E	1.4	?	?	0	
Load Bearing Sub Structure	8	Foundations	1	A	6.1	?	?	0	
	11	Pier/Column	5	E	2.2	?	?	0	
Durability Elements	17	Waterproofing	5	E	14.2	?	?	0	
	21	Painting: Parapets/Safety Fences	5	C	4.1	?	?	0	
Safety Elements	23	Handrail/Parapets/Safety Fences	5	E	1.4	?	?	0	
	24	Carriageway Surfacing	3	D	9.2	?	?	0	
	25	Footway/Verge/Footbridge Surfacing	3	E	9.3	?	?	0	
Other Bridge Elements	26	Invert/River Bed	5	E	7.1	RM	H	20,000	repair scour



**Multiple Defects**

Element Number	Defect Number	Severity	Extent	Defect	Comments
25	1	3	E	5..1	

**Inspector's Comments**

No comments recorded by inspector.

Name: [Redacted] Signed: Date: 14/07/2017

**Engineer's Comments**

No comments recorded by engineer.

Name: ? Signed: Date: 01/01/9999

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
1	R Repair / Maintain	High	£500,000
2	R Repair / Maintain	?	£0
26	R Repair / Maintain	High	£20,000



General Inspection CSS		Inspector: [REDACTED]	<b>Form 3 of 3 for this bridge</b>						
Bridge Name: CLODDACH		Date: 14/07/2017							
Bridge Ref/No: C2E/20		Span Width: 4.55m		Map Ref: 320172, 858398					
		Span Length: 6.73m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface					
Span description: east span		Primary Deck Material: E Steel							
All above ground elements inspected: Yes		Photographs: Yes		Secondary Deck Form: 23 Jack Arch - No Transverse Beams					
Number of construction forms in bridge/span: 1		Secondary Deck Material: B Plain / Mass Concrete							
Set	No	Element Description	S	Ex	Def	W	P	Cost	Comments
Deck Elements	1	Primary Deck Element (Table 2)	5	E	1.1	RM	H	#####	New bridge required.
	2	Secondary Deck Element/S - Transverse Beams	5	E	3.5	RM	?	0	
	7	Deck Bracing	5	E	1.1	?	?	0	
Load Bearing Sub Structure	8	Foundations	1	A	6.1	?	?	0	
	9	Abutments (Incl. Arch Springing)	5	E	3.5	?	?	0	
Durability Elements	16	Substructure Drainage	2	C	8.1	?	?	0	
	17	Waterproofing	5	E	14.2	?	?	0	
	21	Painting: Parapets/Safety Fences	5	C	4.1	?	?	0	
Safety Elements	23	Handrail/Parapets/Safety Fences	5	E	1.4	?	?	0	
	24	Carriageway Surfacing	3	D	9.2	?	?	0	
	25	Footway/Verge/Footbridge Surfacing	3	E	9.3	?	?	0	
Other Bridge Elements	26	Invert/River Bed	5	E	7.1	RM	H	20,000	repair scour
	33	Embankments	2	D	11.1	?	?	0	
Ancillary Elements	35	Approach Rails/Barriers/Walls	3	E	3.5	?	?	0	
	36	Signs	1	A	1.1	?	?	0	



**Multiple Defects**

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**Inspector's Comments**

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Name: [Redacted] Signed: Date: 14/07/2017

**Engineer's Comments**

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Name: ? Signed: Date: 01/01/9999

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
1	R Repair / Maintain	High	£500,000
2	R Repair / Maintain	?	£0
26	R Repair / Maintain	High	£20,000