Downstream Elevation

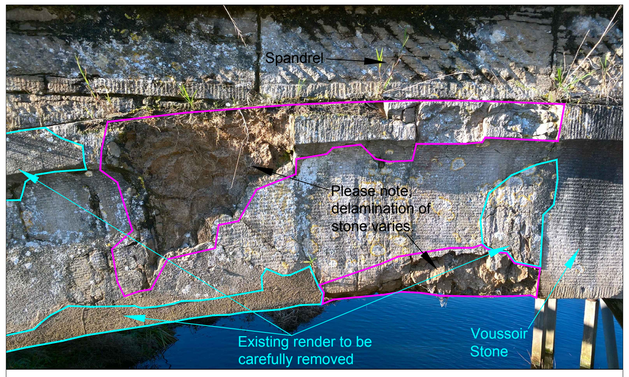


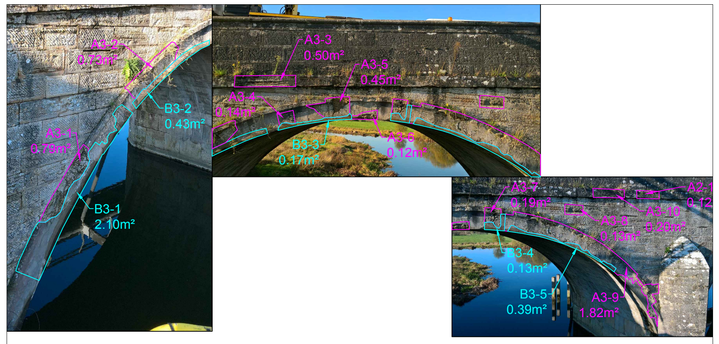
Photo of Voussoir Stone

Key

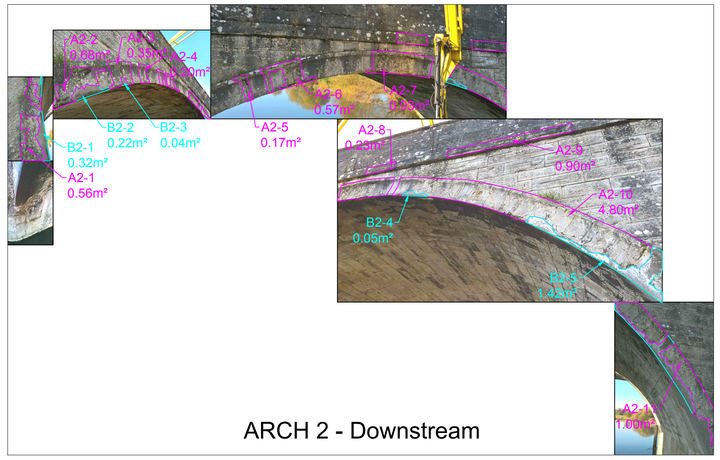
Render removal and mortar repair

Mortar repair

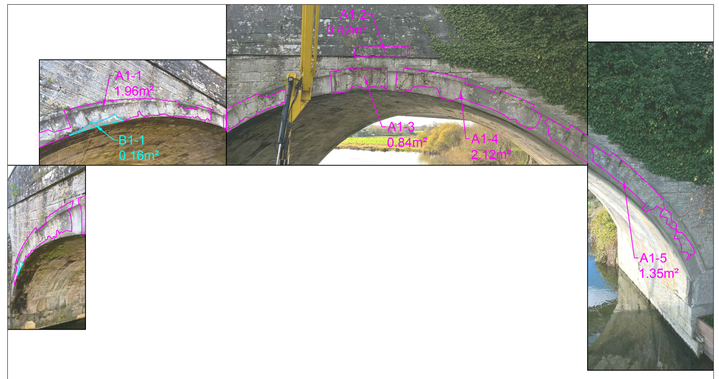
For both types of repair assume average depth is 50mm and the maximum depth is 100mm



ARCH 3 - Downstream



ARCH 2 - Downstream

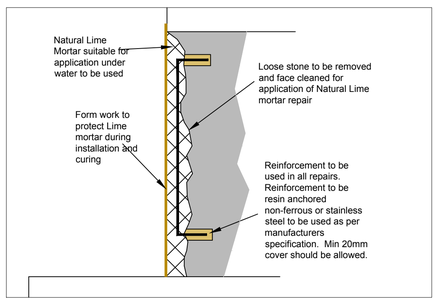


ARCH 1 - Downstream

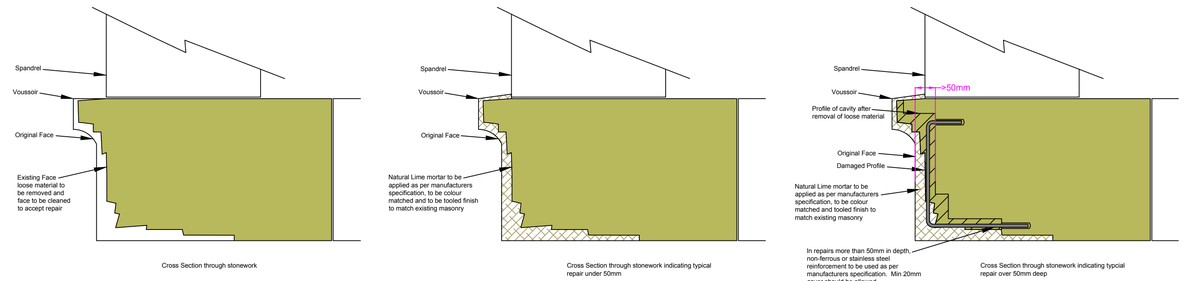
MORTAR REPAIR						FAILED MORTAR REMOVAL & REPAIR					
ARCH 1		ARCH 2		ARCH 3		ARCH 1		ARCH 2		ARCH 3	
Ref	Area m2	Ref	Area m2	Ref	Area m2	Ref	Area m2	Ref	Area m2	Ref	Area m2
A1-1	1.96	A2-1	0.56	A3-1	0.79	B1-1	0.16	B2-1	0.32	B3-1	2.1
A1-2	0.42	A2-2	0.68	A3-2	0.73			B2-2	0.22	B3-2	0.43
A1-3	0.84	A2-3	0.35	A3-3	0.5			B2-3	0.04	B3-3	0.17
A1-4	2.12	A2-4	0.2	A3-4	0.14			B2-4	0.05	B3-4	0.13
A1-5	1.35	A2-5	0.17	A3-5	0.45			B2-5	1.42	B3-5	0.39
A1-6		A2-6	0.57	A3-6	0.12						
A1-7		A2-7	0.93	A3-7	0.19						
A1-8		A2-8	0.23	A3-8	0.13						
A1-9		A2-9	0.9	A3-9	1.82						
A1-10		A2-10	4.8	A3-10	0.2						
A11-1		A2-11	1	A3-11	0.12						
	6.69		**10.39**		**5.19**		**0.16**		**2.05**		**3.22**

Total m2	27.7

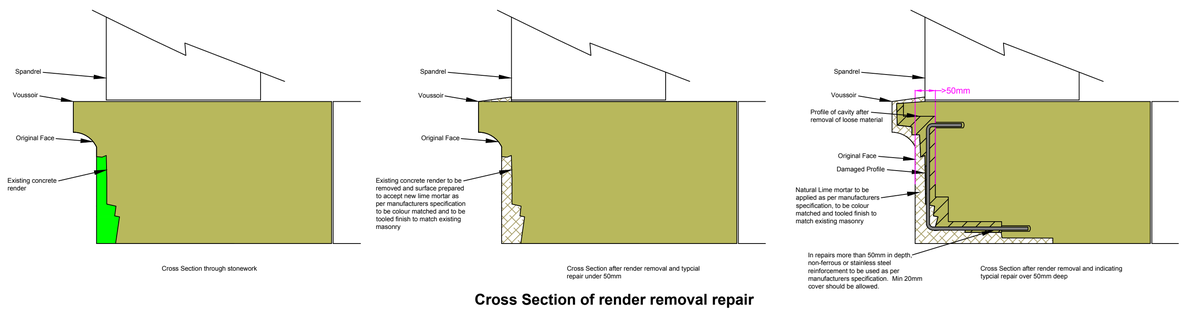
For both types of repair assume average depth is 50mm and the maximum depth is 100mm



Typical detail for waterline repair



Cross Section of missing/delaminated stone repair



Cross Section of render removal repair

Typical detail for "plastic" repair

Revisions	No.	Drawn	Date

Growth and Infrastructure: Transportation

J. McLaughlin
Director of Growth and Infrastructure

BCP Council

SCHEME

CANFORD BRIDGE MASONRY REPAIRS AND REFURBISHMENT

TITLE

DOWNSTREAM ELEVATION REPAIR DETAILS

DATE	DRAWN	CHECKED
OCT 2019	JC	

SCALES	SIZE	SECTION
	A1	ENG

DRAWING NUMBER

SCHEME	DRAWING	VARIANT
WZ0048	108	