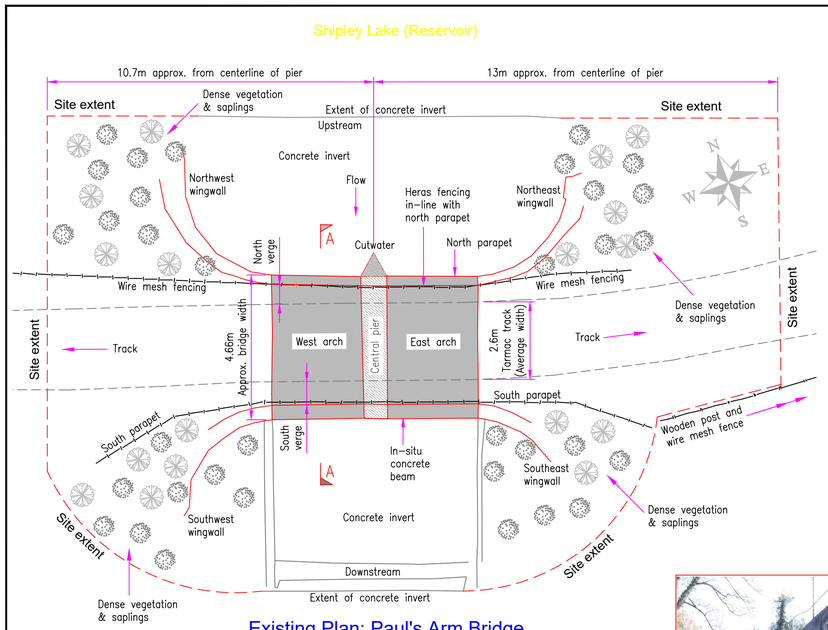
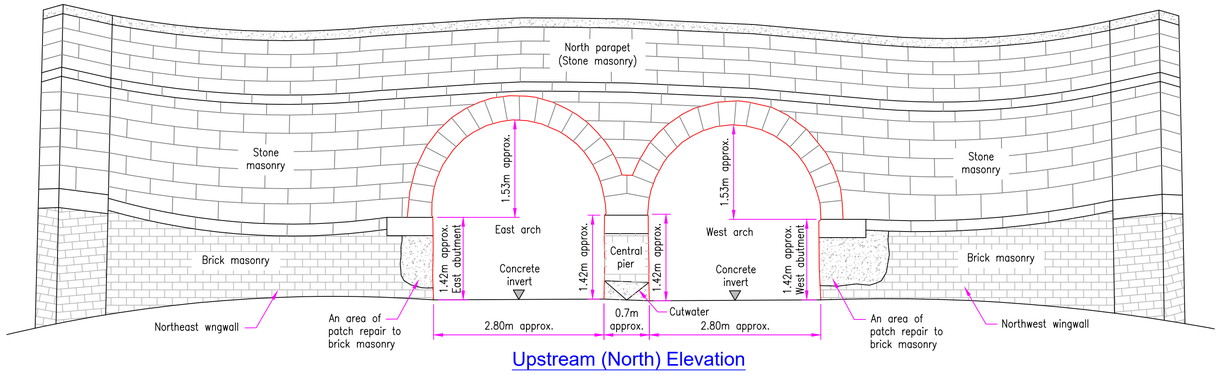


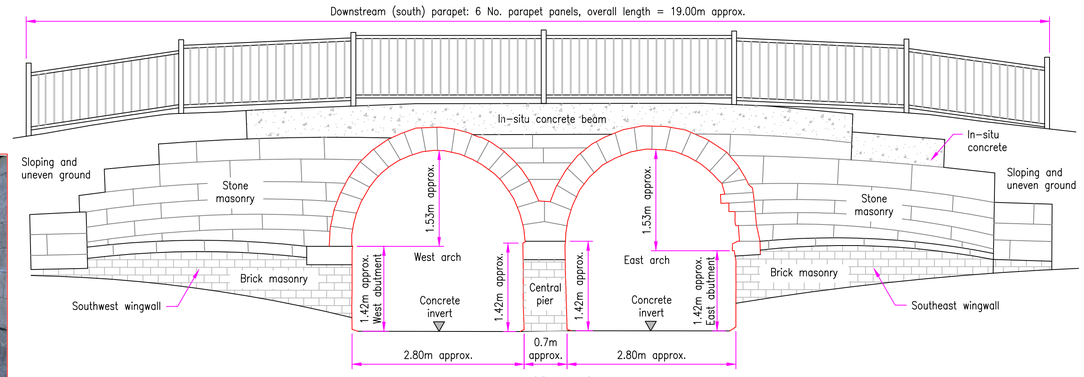
Existing Plan: Paul's Arm Bridge

Scale 1:100



Upstream (North) Elevation

Scale 1:50



Downstream (South) Elevation

Scale 1:50



Plate 1: View over structure looking east. Heras fencing in-line with north parapet (left). Vertical steel angles attached to north parapet.



Plate 2: View over structure looking west. Downstream (south) metal parapet to left.



Plate 3: North (upstream) elevation



Plate 6: South (downstream) elevation



Plate 8: Southwest wingwall and west arch



Plate 4: Northeast wingwall



Plate 5: Northwest wingwall



Plate 7: East arch, central pier and southeast wingwall (downstream end)



Plate 9: East abutment looking northeast



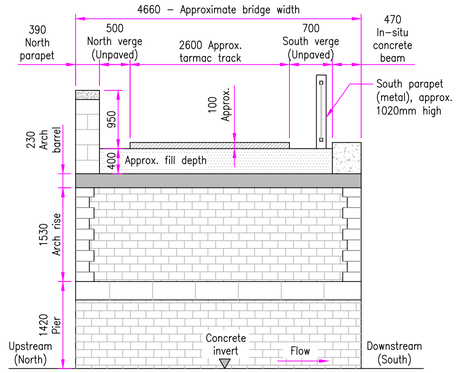
Plate 10: West abutment looking southwest



Plate 11: Central pier west arch face



Plate 12: Central pier east arch face



Typical Section A-A at Arch Crown Level

Scale 1:50

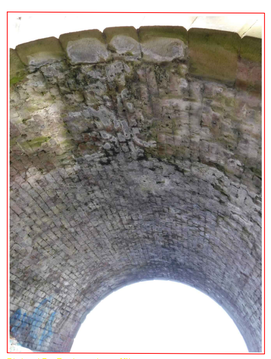


Plate 13: East arch soffit

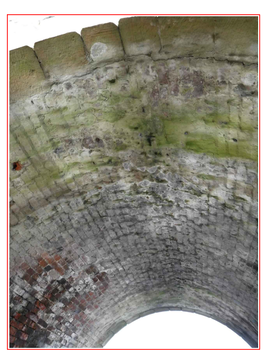


Plate 14: West arch soffit

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NOTES:

(1) ALL DIMENSIONS ARE IN MILLIMETERS (mm) AND LEVELS IN METERS (m) UNLESS NOTED OTHERWISE.

(2) NO DIMENSIONS ARE TO BE SCALED FROM THIS DRAWING. ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF THE DESIGNER.

(3) ALL DIMENSIONS SHOWN IN THIS DRAWING ARE APPROXIMATE, AVERAGED WHERE NECESSARY AND TAKEN FROM THE FOLLOWING SOURCE OF INFORMATION:

(3)1) October 2021 and February 2023 survey carried out by DCC (Derbyshire County Council) Land & Geomatics Survey department;

(3)2) Physical measurements recorded during site visits carried out on 07 February 2023 and 13 December 2023.

(4) ALL DIMENSIONS TO BE CHECKED BEFORE COMMENCEMENT OF WORK ON SITE.

(5) THICKNESS OF CONCRETE INVERT NOT KNOWN. DEPTH OF PIER & ABUTMENTS BELOW CONCRETE INVERT LEVEL NOT KNOWN.

(6) NO WORK TO BE DONE PAST SITE EXTENT AS SHOWN IN EXISTING PLAN UNLESS SPECIFIED ON THE DRAWINGS OR AGREED ON SITE.

(7) THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATION APPENDICES AS MENTIONED IN "SCOPE (WORKS INFORMATION)".

AMENDMENT DETAILS	By	Chkd	Appd	Date	No.
• Downstream (south) elevation amended to show missing in-situ concrete to southeast wingwall.	PD	LJ	LJ	18/07/24	A

DRAWN BY	CHECKED BY	APPROVED BY	SCALE @ A1
PD	LJ	LJ	AS SHOWN
Date 31 / 01 / 2024	Date 31 / 01 / 2024	Date 31 / 01 / 2024	

DRAWING STATUS: FOR PLANNING

CLASSIFICATION: CONTROLLED

ORIGINAL DRAWING SIZE 841 x 594 (A1)

DERBYSHIRE County Council
Chris Henning
Executive Director - Place

PLACE
STRUCTURES DESIGN SECTION
HIGHWAYS DIVISION
ISO 9001 Quality Management
FM641223 / FM641224

PROJECT TITLE

MAINTENANCE WORKS TO
PAUL'S ARM BRIDGE
SHIPLEY LAKE RESERVOIR, HEANOR

DRAWING TITLE

EXISTING DETAILS

DCC Project Reference Number: 4646.04

Drawing Number: E44015 / 4646.04 / 01/Rev A

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