

An Coimisiún Pleanála,
64 Marlborough Street,
Dublin 1,
D01 V902

23/09/2025

221254/PL/ACP1

Re: Case Number: ABP-322244-25
Request for Further Information for Proposed works at Galbally Bridge, Co. Limerick.

In conjunction with JCA Architects submission, provision of supplemental information addressing the below point. [PUNCH response in blue.](#)

Item 1 Built Heritage - Protected Structure

(b) A detailed method statement covering all works proposed to be carried out, including:

(iii) details of features to be temporarily removed/relocated during construction works and their final re-instatement,

[Loose masonry work will be removed following photographic recording & numbering and then securely stored on site and reinstated in scheduled completion works to match original configuration.](#)

(v) details to be accompanied by drawings of an appropriate scale of not less than [1 :50]

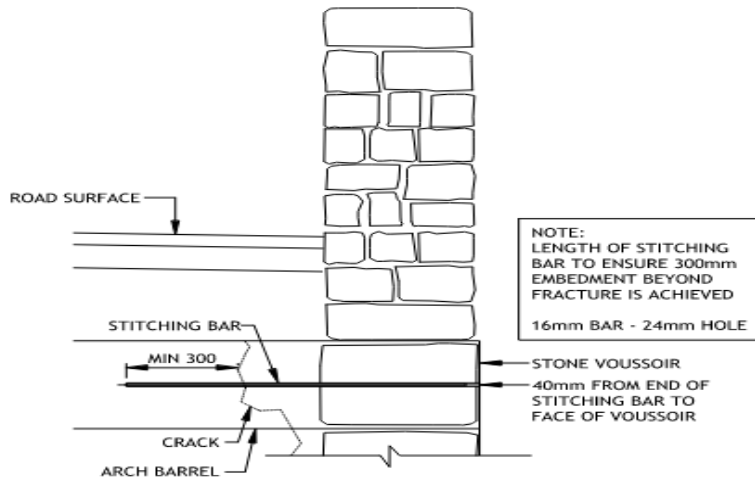
[Included where relevant on drawings. Stainless steel stitching details for voussoirs appended to this response letter.](#)

(c) A detailed construction methodology statement (including the results of detailed structural surveys of the protected structure and all elements to be retained) indicating the means proposed to ensure the protection of the structural stability and fabric of the structure. These details shall include demonstrating the methods proposed to part dismantle and reinstate the bridge structure and to retain other existing facades as proposed, any demolition and excavation arrangements, the proposed foundation system and any proposed underpinning, any structural bracing and support and method of construction

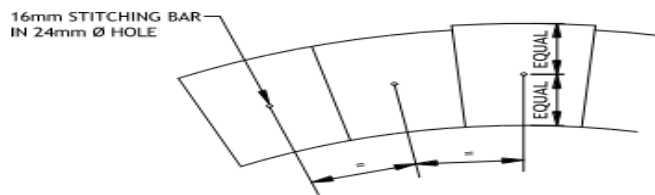
[The Bridge structure is to be retained. Excavation will be undertaken to the extrados of Arch 1 to allow placement of the proposed concrete backing. The last 300mm of the dig will be undertaken by hand to ensure no damage to the existing masonry arch. Temporary propping & centring will be provided to the arch during this operation. Props will be placed on the existing concrete apron in the channel. Temporary works are the sole responsibility of the appointed Contractor.](#)

[Trench excavation will be undertaken at road level to allow the installation of the tie bars and pattress plates. The excavated trench will be reinstated with lean-mix concrete on completion of the tie-bar installation.](#)

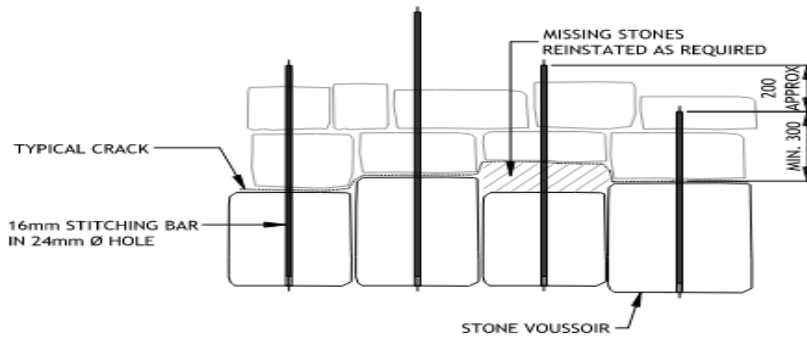
[Due to differential settlement observed in the bridge abutment & piers, a grout bell is to be formed under them to fill any voiding. Dywidag hollow bar micro-piles will be cored into the base of the abutments and piers using the Pali Radice Method to counter the settlement & potential voiding. Details of the Dywidag hollow tube micro-piles are appended to this response letter. The tops of the 32mm diameter piles will be cut flush with the face of the stone masonry on completion of grouting and suitably concealed.](#)



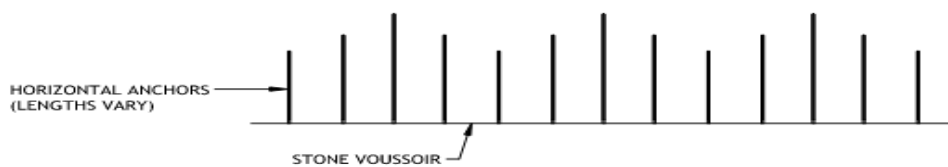
TYPICAL SECTION OF STITCHING SYSTEM FOR LONGITUDINAL CRACK BETWEEN VOUSOIRS AND ARCH BARREL
SCALE 1:20



TYPICAL STONE VOUSOIR ELEVATION
SCALE 1:20



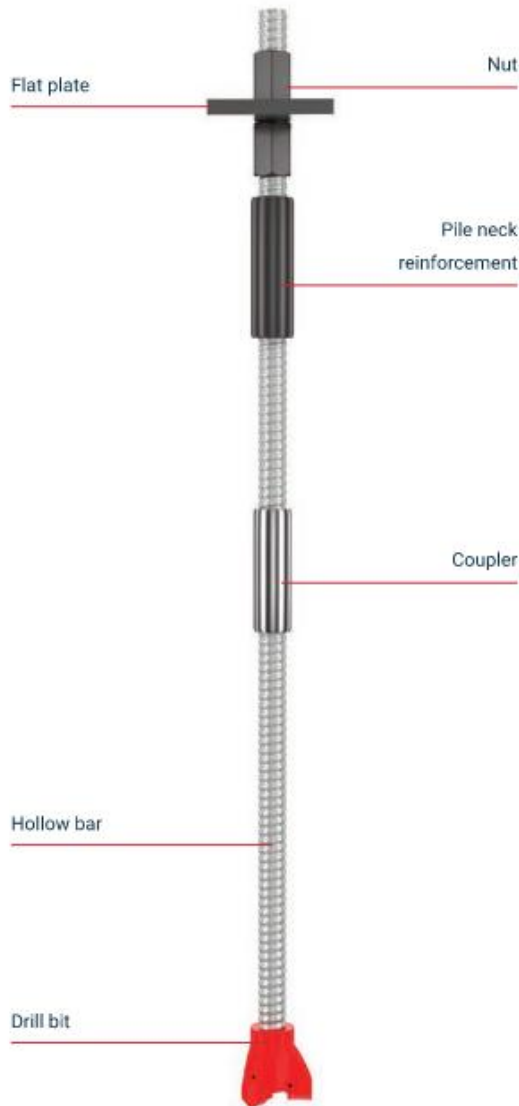
TYPICAL PLAN OF ARCH SHOWING OFFSET AND OUT OF PHASE STITCHING
SCALE 1:20



TYPICAL OUT OF PHASE STITCHING BAR ARRANGEMENT
NOT TO SCALE

Dywidag Hollow Bar Micro-Pile System

30 Micropiles



The DYWIDAG DYWI® Drill hollow bar micropiles are ideal for installation in restricted access areas or close to buildings. With a fully threaded design, these micropiles can be extended and grouted even if the founding level is higher than anticipated, meeting the standards set by EN 14199.

By employing rotary percussive drilling, installation disruptions are minimised, providing an alternative to driven piling systems. This approach facilitates foundation improvement in existing structures or buildings with minimal disturbance.

Fields of application

- Tunnels.
- Foundations.
- Retaining structures.
- Uplift restraint.

Key features

- **Versatility:** Suitable for various ground conditions, including soil, rock, and congested or contaminated sites.
- **Limited access capability:** Can be installed in tight spaces like urban areas, slopes, or inside structures due to small equipment footprint and flexible angles.
- **Minimal environmental impact:** Causes minimal soil disturbance, ideal for sensitive or urban areas.
- **Fast installation:** Quick and efficient, reducing construction time and costs compared to traditional methods.