Ana Nevares

Graduate Structural Engineer

Ana is a Graduate Structural Enginner within the Bridges and Civil Structures team at Arcadis. She works on the assessment of existing structures and the delivery of new structural designs.

Key Information

Core skills

- Structural Analysis
- Report Writing
- Bridge Design
- Inspection & Assessment of existing assets

Education & Qualifications

- Masters in Structural Engineering with Architecture, Meng (Hons)

Licenses & Certificates

- Graduate Member of the Institution of Civil Engineers
- NWSMP DEFRA Module 1 and Annex H
- CSCS (UK)

Suitability to the role

Ana is well-suited to the role of Graduate Structural Engineer, combining strong academic training from her MEng in Structural Engineering with Architecture at the University of Edinburgh and practical experience within Arcadis' multidisciplinary team in Bristol. She has demonstrated her ability to assess existing structures and deliver new designs, applying advanced analytical skills and a keen understanding of sustainability principles. Ana's proficiency with digital engineering tools, her collaborative approach, and her commitment to professional growth enable her to contribute effectively to innovative, client-focused projects and support the delivery of safe, resilient infrastructure solutions.

Project Experience

Islington Tunnel | September 2025 - Present

Canal & River Trust

Ana supported the structural assessment of Islington Tunnel, contributing to the evaluation of its existing condition and reporting on structural integrity. Her responsibilities included assisting with data collection, performing calculations and analysis using engineering methods, and compiling technical documentation for client deliverables. Through this project, Ana developed a deeper understanding of heritage infrastructure, enhanced her analytical and reporting skills, and learned to apply industry standards to real-world conditions in a collaborative team environment.

- Developed understanding of structural equilibrium principles
- Enhanced technical reporting and documentation skills
- Strengthened teamwork within a multidisciplinary team
- Gained experience assessing heritage infrastructure

Master Thesis | September 2024 – April 2025

The University of Edinburgh

Design and Numerical Analysis of an Intermeshed Steel Connection for the Reuse of Structural Steel Beams

Ana investigated into the practicality of design with reuse of structural components that are extracted from general demolishing projects.

- Analysed compatibility of dimensions and reliability of strength of structural components in new designs.
- Designed an adaptive design concept and adaptive combinations of simple, semi-rigid and rigid joints through a finite element model.