Job title: Engineer – Bridge and Structures Team

Directorate: Place (Economy, Infrastructure and Growth)

Service/Team: Infrastructure and Assets - Highway Improvements Team

Grade: 9-11

Generic JD/PS Link: ES587 efg ( e )

**Organisation Structure**

Reporting to: Principal Engineer

Responsibility for: Design and project management to deliver bridge and highway structure maintenance, renewal and new build projects in the Dorset Council highway network area.

**Place Directorate**

The Place Directorate contributes to Dorset Council’s Corporate Plan objectives in respect of both people and place, but with a leading role in place-shaping and creating the climate in which communities in Dorset can be strong and successful**.**

**Economic Growth and Infrastructure**

Within the Place Directorate, the Economic Growth and Infrastructure Corporate grouping provides front-line services administering a variety of statutory functions and delivering on Dorset Council's key corporate aims. The services within the group are arranged under Heads of Service for Assets and Property, Highways, Planning and Dorset Travel.

**Highways Service**

The Highways Service provides the management and maintenance of the highway network and its related assets and infrastructure, including promoting and supporting transport related safety issues and healthy lifestyles.

The service develops and delivers transport strategies and plans in line with the authority's direction priorities allocating budget and resources to optimise services.

The service works collaboratively across the Council and with the Council's partners to champion innovation to secure the best outcomes and value for Dorset's citizens and customers.

Service Managers support the Head of Service in the following areas:

* Service Manager for Network Operations
* Service Manager for Infrastructure and Assets
* Service Manager for Parking Services

**Infrastructure and Assets**

Infrastructure and Assets comprises seven teams:

* Highway Improvements
* Bridges and Structures
* Development
* Street Lighting
* Transportation Modelling
* Transport Planning
* Asset Management

These teams provide a range of professional, technical and administrative highway services primarily related to the technical design and management of new additions and alterations to the highway network. They also manage the highway assets that promote growth and the economy whilst protecting the environment.

**Context of Work**

**Bridge and Structures Team**

The main purpose of the Bridge and Structures Team is to maintain, renew and design bridges and highway structures in support of Dorset Council’s aims for sustainability, safety, quality of life and economic growth. The team undertakes both the traditional client role and the design consultant role in delivering the service.

The client side :

* Inspect and provide asset management for the bridge and highways structures stock
* Develop a prioritised programme of work.
* Provide financial planning and manage the budget.

The consultant role

* Maintain, refurbish, and upgrade existing bridges and structures
* Replace bridges and structures at the end of life
* Design new bridges to support highway, pedestrian and cycle route development
* Support Highways Improvements and Operation Teams with structural advice and design

Our key customers are:

* Elected members and the local community.

The key priorities for the team are:

* Progressing projects in accordance with standards, regulations, procedures and best practice;
* Ensuring projects are delivered safely, on time and to budget;
* Ensuring fees are robustly managed;
* Maintaining a safe and effective highway structures to serve the wider highway network.

The key people the team work with are:

* Elected members and the local community;
* Construction colleagues;
* Environment Agency, Network Rail, Natural England, Historic England, Marine Management Organisation, Highways England and other stakeholder organisations;
* External design consultants to develop a strategic long-term private sector partnership;
* Adjacent local authorities on cross boundary issues.

**Engineer**

The Engineer reports to the Principal Engineer and is responsible for delivery of highway structures design following a project through from inception to construction on site. You will be mentored and guided by experienced members of the team.

You will be given the opportunity to join Dorset Council’s accredited training scheme to enable you to gain professional qualifications with the Institution of Civil Engineers

The work involves regular contact with members of the public, elected members, construction colleagues and their partner organisations, external providers and contractors.

**Specific Qualifications and Experience:**

In addition to the general requirements set out in the Person Specification, the Post Holder will require the following as a minimum:

Essential:

* Degree in Civil or Structural Engineering

or HNC in Civil or Structural Engineering + relevant experience

* Ability to use AutoCAD or similar drawing package
* Driving licence

Desirable

* Confident and professional communicator, both written and verbal.

**Travel Requirement**

This role will involve the requirement to travel on an irregular basis.

**Other information**

The ability to converse at ease with customers and provide advice in accurate written and spoken English is essential for the post.

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| **Context statement prepared by:**  |
| Manager  | Simon Arscott  | Date  | October 2024 |