

DIGITAL BUS STOP COORDINATION

Location

Across Croydon

Client Type

Local Authority

Key Collaborators

Croydon Council; JC Decaux; Valo Smart City; BT Open Reach

Workstage

RIBA 0 - Strategic Definition

Summary

As part of an opportunity to design a modern bus stop that can cater for a truly smart city, the Infrastructure Coordinator was involved in: producing an online platform to map and monitor the bus stop sites; providing assistance with the permits and processes needed to remove existing assets and install new ones.

The Challenge

As part of their digital advertising contract renewal, Croydon Council sought more information related to the 180 existing JC Decaux assets. The locations of these including many bus stops, as well as planned new digital advertising sites. This work was accessible only to the design team and kept confidential until the contract was announced formally.



https://valosmartcity.co.uk/smart_croydon/

Infrastructure Coordination
Development Service

DIGITAL BUS STOP COORDINATION

Our Approach

The Coordinator used a range of data sources, including the GLA's Infrastructure Mapping Application (IMA) and the National Underground Asset Register (NUAR), to identify substations and major utilities connections. They identified and checked relevant data for the existing and planned bus stops and advertising installations. They also generated collaboration and integrated other planned projects such as CCTV, 4G small cells and air pollution site data.

Testimonial

"The service sped up the processes tenfold!"

Opama Khan,
Head of Digital Place, Croydon Council

Key Outcomes

The Coordinator provided a conduit for the collaborative approach, delivering cohesive insight and managing the various data streams and stakeholders involved. They worked with the architects, the various teams within Croydon and the new advertising team.

They set up and provided support with a private online map that allowed existing infrastructure and the planned replacement assets to be charted. They also helped with the permits and processes needed to remove the existing assets and install the new ones. This allowed the project team to plan the deliverables and updates as the work progressed. It also enabled the team to bring in data sets from other projects to reduce clash and conflict by scheduling works together.

The project delivered maximum efficiency for the Client timeline, reduced bureaucracy blockages and saved time and money for the Client.



Stakeholder
Collaboration



Local
Collaboration



Strategic
Approach



Future
Proofing



Data
Resources



Saved time



Saved money

MAYOR OF LONDON