

Project: NES Crawley
Value: £819,000
Duration: 32 Weeks
Start Date: 24th August 2020
Client: Metropolitan Infrastructure Limited
Role: Principal Contractor
Completed: 22nd June 2021

Project Description:

A local sewerage network was at full capacity and was unable to accommodate the volumes calculated for new development sites in the area.

Our client, in collaboration with the area treatment works, designed 2 new rising mains to run from the development site to the treatment works and, from an existing pump station to the treatment works. Complete Moring Services (South East) Ltd. demonstrated its capabilities, experience and expertise in Directional Drilling and trenchless technologies during tender and subsequently procured the project. CMS were engaged as Principle Contractors to mobilise and set up site facilities, lay 1.7 kilometres of 225mm & 250mm rising mains, commission rising mains and de-mobilise.

Challenges:

The project involved crossing 4 separate landowners, areas of biodiversity, archaeology, arboriculture protection zones and a flood attenuation area.

The project included crossing a stream in 2 locations and a bridge structure as well as areas heavily congested with multiple utilities including HV cables and Intermediate Gas mains.

The project encountered unforeseen requirements for training and industry accreditation to carry out construction in a sensitive land area to fulfil their robust permit requirements. CMS applied for and achieved the required industry accreditation and completed the additional training requirements within 3 working days.

The project encountered numerous design clashes. CMS proactively worked with its client to develop solution proposals and re-organised programme activity sequences to accommodate change and to ensure minimum disruption to the overall programme whilst waiting for re-design approvals.





Summary:

The comprehensive pre-construction planning, and preparation was carried forward into construction and implemented throughout construction phase to the commissioning activities and completion.

Close liaison with the client and other stakeholders has ensured the project has encountered insignificant incident, no harm, without undue disruptions, without defect, to programme and to budget.

Client Satisfaction Survey – *“The scheme was very complex with many stakeholders and risk elements, exacerbated by 11th hour changes to the scope. CMS dealt very well with the changes, adjusting the programme to fill voids left by scope change, and were very accommodating; doing what they could to keep the programme moving forwards whilst new designs were being prepared”.*

“The end result is extremely pleasing. The scheme was completed on time and to the agreed budget including change events. The scheme took just over 6k hours with zero harm or incidents occurring. As a mark of satisfaction: would I do the same scheme again with CMS? Yes, absolutely”.

External client audit - *“I completed the inspection with the team in the office, they were first class and had all the questions I required.”*

Highways authority - *“your professional and considerate approach is appreciated”.*

Stake Holder *“I have used this site as an example of how projects should be run”.*

Client Director *“I found nothing to raise from the site audit today, I get nothing but positive feedback from all of my Managers for this project”.*