

## A160 Port of Immingham Improvements

**Client:** Costain  
**Commencement:** April 2014  
**Completion:** October 2017



### The Project History

The Port of Immingham on the southern bank of the Humber Estuary is the UK's largest port by tonnage handling 55 million tonnes (Mt) of goods a year and contributing approximately £460m a year to the regional economy.

To stimulate growth and unlock economic benefits in the area, Highways England proposed to provide better access to the Port of Immingham and the surrounding area by improving the A160 between the junction with the A180 at Brocklesby Interchange and the Port.

### The Project Description

This was a major scheme, promoted by the Government under the "Accelerated Delivery Programme" for essential infrastructure upgrade. The scheme included:

- Upgrading Brocklesby Interchange to an oval two bridge roundabout layout, a dedicated left turn lane for vehicles traveling from the eastbound A180 to the A160
- Upgrading the single carriageway section of the A160 to dual carriageway standard
- Relocating Habrough Roundabout to the west of its current position, with new link roads provided from the A160
- Closing the central reserve gap at the junction with Town Street and partially closing the gap at the entrance to the oil refinery
- Provision of a new road bridge at Town Street to provide vehicle and pedestrian access
- Provision of a new rail bridge and new gyratory carriageway system.

### Gattica Associates Responsibilities

Gattica were involved from an early stage of the project, working with HE, Jacobs and Costain, as part of the Early Contractor Involvement (ECI), with a remit to engage with and manage the complex negotiations with the Statutory Undertakers – this included:

- Temporary and permanent protection to three Anglian Water potable water mains (900, 800 and 450mm diameter)
- Diversion of a 300mm diameter Anglian Water Sewer
- Temporary protection and permanent diversion of two National Grid HP mains and one IP main (this involved procuring the new parts six months in advance to be pre-fabricated in China and shipped to the UK)
- Temporary protection of 1050mm diameter HP National Grid Gas Transmission main
- Undergrounding of Northern Powergrid 33kV overhead cables
- Diversion of Northern Powergrid oil filled 33kV cables
- Permanent diversion of 200mm diameter Air Products oxygen supply pipeline



*"The skillful management by Gattica significantly contributed to Highways England's banking a £2m efficiency saving on the scheme directly attributable to the management of Statutory Undertakers during the construction phase (equivalent to 2.5% of Scheme Budget)."*

**Ben Ridgeon, Project Manager, Highways England**