Regent Street Flyover

Collaborating with NEC4

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Where is Regent Street Flyover?

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Project Introduction

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PROJECT OVERVIEW

- Customer – Leeds City Council
- Contractor – Balfour Beatty
- Designer – WSP
- Scape NEC 4 Option C Design and Build
- Overall project value - £31m
- Pre-construction (ECI) contract – December 2019 to June 2020
- Advanced works construct only contract – December 2019 to June 2020
- Main works construction contract – June 2020 to November 2022

SCOPE OF WORK

- Demolition and replacement of Regent Street Flyover
- Temporary support to New York Road Tunnel during flyover replacement
- Refurbishment of New York Road Tunnel
- Structures refurbishment of 1 mile stretch of A64(M) motorway
- A61 junction improvements

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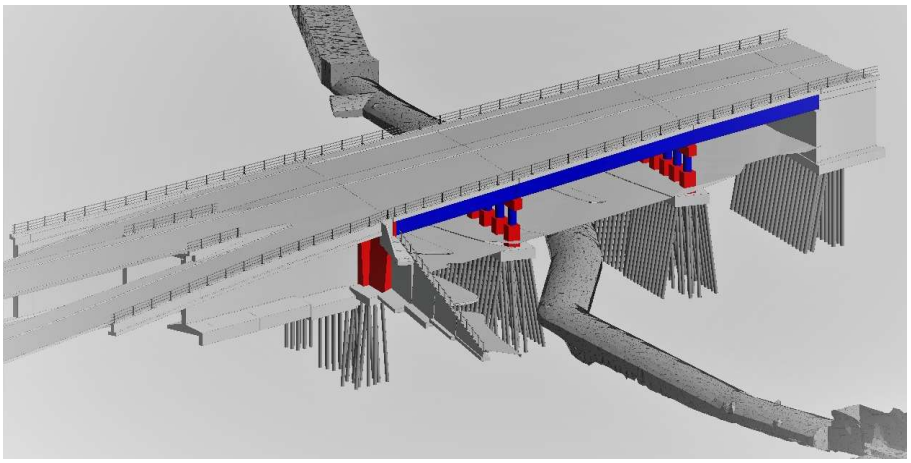
Detailed Design – Novation June 2020

LCC Commission Commences 2017
- Feasibility / Assessment
- Monitoring / Mitigation planning
- Outline design
- Extensive site investigation works
- Funding application
- Detailed design
- Risk workshops

BB Novation June 2020 to completion
- Detailed design
- Construction design and risk workshops
- Highways, Landscaping and BNG Design



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Benefits of Close Collaborative Working

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Contract Challenges

Covid 19 Pandemic

- UK legislation at the time incorporated into main contract
- Overseas workforce

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Contract Challenges

Cleveland Bridge UK Insolvency

- The importance of vesting
- Rapid sourcing of alternative supplier

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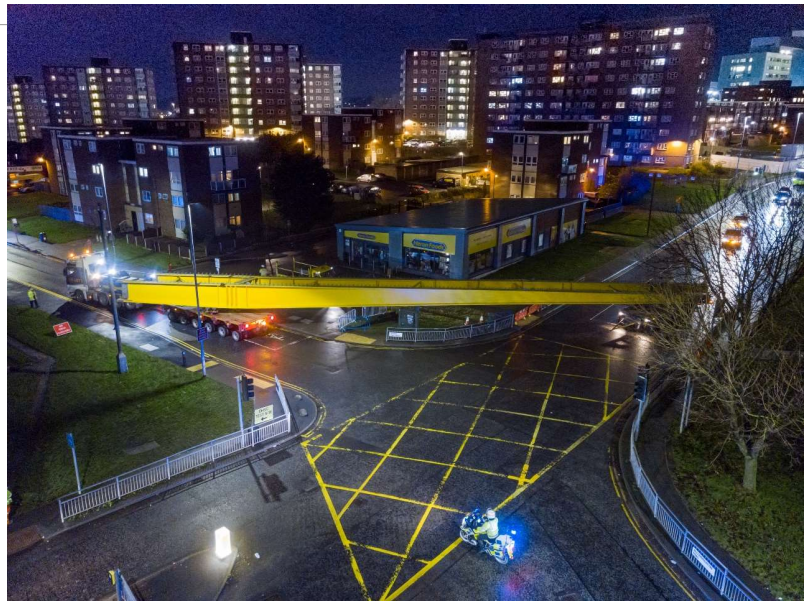
Contract Challenges

COP 26



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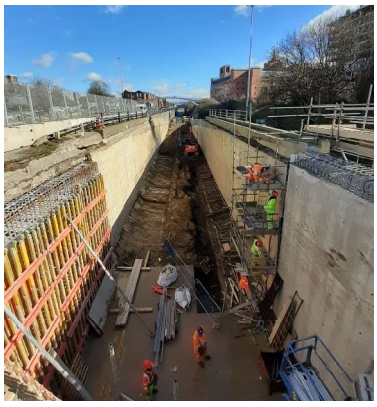
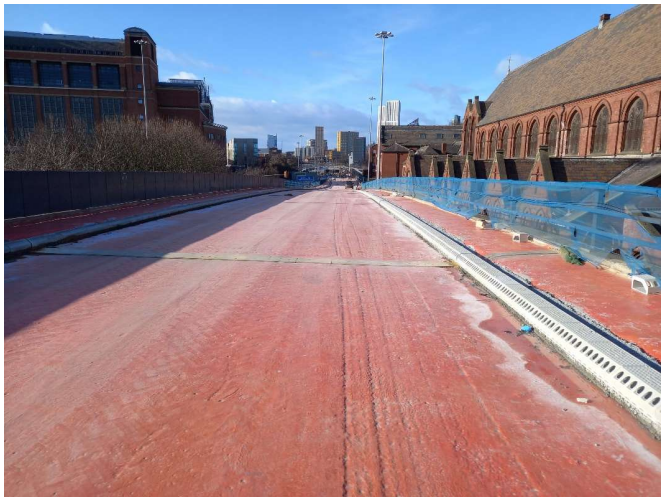
Contract Challenges

Scope Increase

Circa £4m instructed through Cl 60.1(1) with zero programme effect





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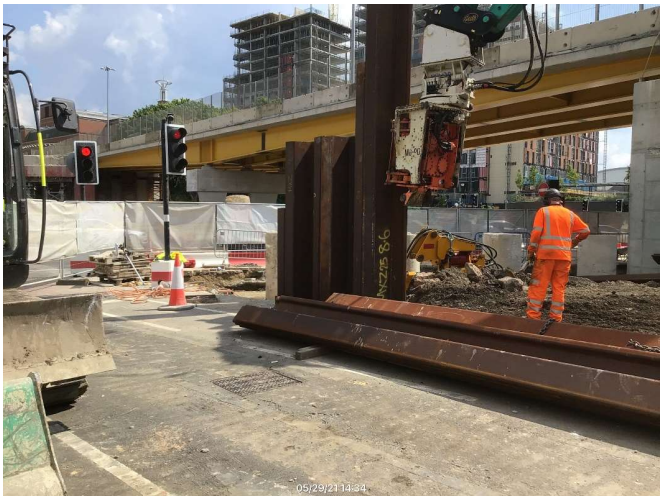
Contract Challenges

Unforeseen Ground Conditions



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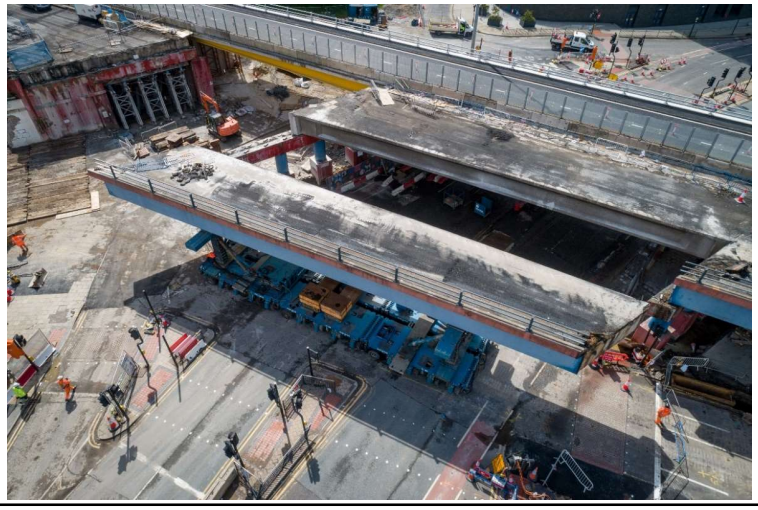
Contract Challenges

Demolition vs De-Construction



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Contract Challenges

Risk of existing piles not being suitable

- Client risk managed through ECI and construction
- Included as client scope in contract

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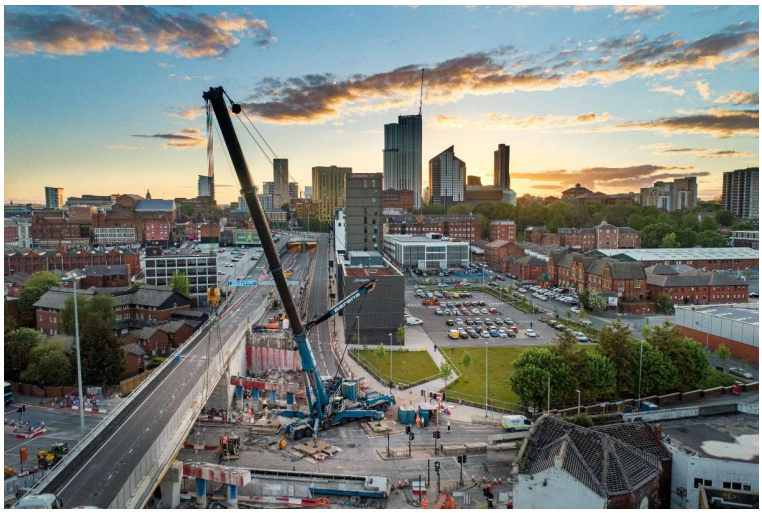
Programme, Compensation Events and EOT

- Circa 60 CE's
- EOT
  - Additional scope
  - COP 26
- Implementing CE's within the timeframe
- Commercial meetings often quite unpleasant / tense
- Minimal issues with disallowed costs



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Document Management

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Commercial Summary

Construction is a people industry…

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Awards

- National BCI Awards 2022 – shortlisted in 'Transport Project of the Year' and 'Upgrade and Renewal Project of the Year'
- National Highways Awards 2022 – won Major Project Award 2022
- National Considerate Constructors Awards – won Community Enrichment Project of the Year (£5m-£50m)
- National Bridges Awards 2023 – won Bridges Construction Award 2023
- National Ground Engineering awards – shortlisted in two categories
- National Construction News awards – shortlisted for Project of the Year (£20-£50m)
- Regional ICE Y&H Centenary Award (projects over £5m) – highly commended
- Regional CECA Y&H (project over £10m) – won

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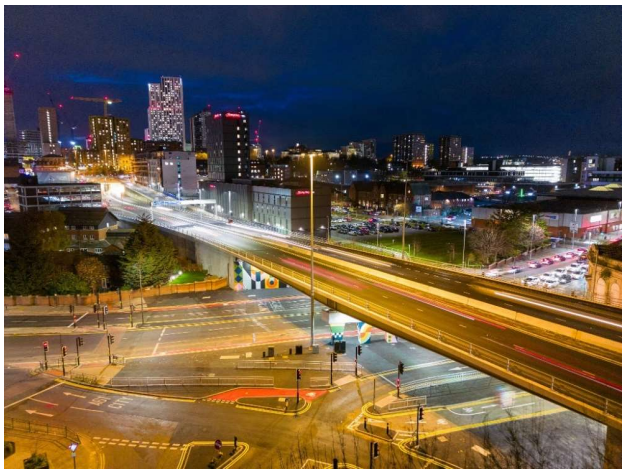
Questions?



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