

RDP National Meet the Buyers

Scheme Presentation

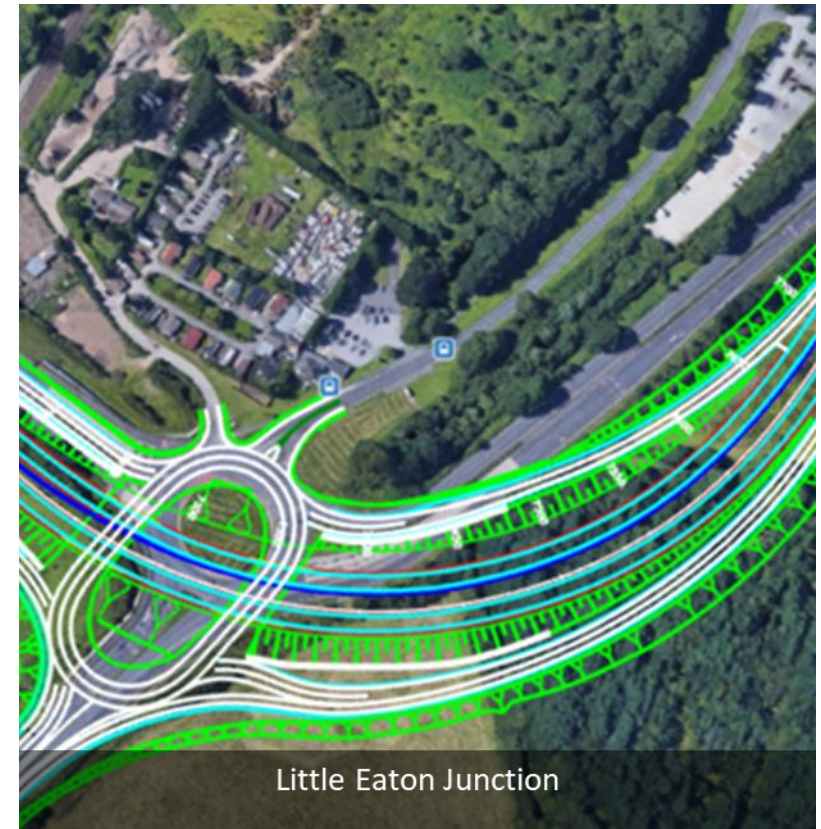
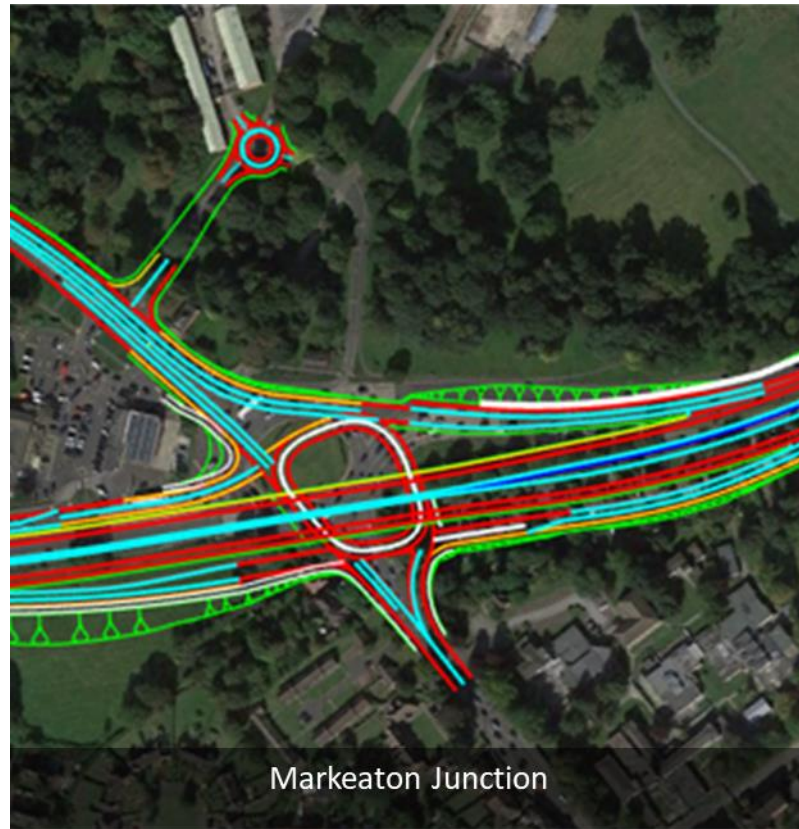
18 August 2022





Simon Spink – BAM Nuttall Construction Manager
A38 Derby Junctions Scheme





A38 Derby Junctions

Scheme Overview

- The scheme removes the 3 remaining at-grade junctions between the M1 and Birmingham on the A38.
- Achieved by building an underpass at the Kingsway and Markeaton Junctions and 2 new overbridges at Little Eaton over an enlarged roundabout.
- Widen the existing carriageway to three lanes in each direction between Kingsway and Markeaton Junctions
- Grade separation allows speed limit for through traffic to be safely increased.
- Total Project budget = £243m (including land procurement and all associated costs including design)



Scheme Overview

Detailed design is currently underway and includes;

- 5 No new build Bridges (composite decks)
- 4 No Bridges to widen (including existing Bridge over Midland Main Line railway)
- Existing Footbridge to remove and replace with larger structure
- 22 No Retaining Walls (including Pre-cast panels, Bored Piles and Earth Retaining Structures. Walls range from 0.5m to 9.0m in height)
- Over 2km of Noise / Environmental Barriers
- 400,000 m³ + of earthworks (import)
- New surface water drainage systems
- Both Highways Drainage and Ecology ponds
- Numerous utility diversions including Medium Pressure Gas & 132kV electric cables
- Deep Pumping Station at Markeaton (over 10m)
- Ground stabilisation works band drains and (CMC's)

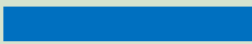

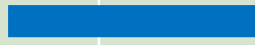

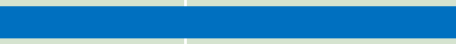

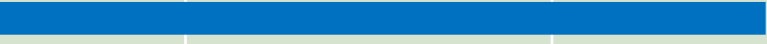



New Access / Exit to Markeaton Park

Objectives

- Improving the environment by reducing queuing traffic resulting in a reduction to air pollution.
- Reduce the (peak Hour) congestion which is due to conflict between strategic journeys and local traffic movements. A more free-flowing network.
- Facilitate unlocking local housing and development growth.
- Address road safety issues due to volume of heavy goods vehicles conflicting with local inter urban trips, pedestrians and cyclists

Outline Programme

Activity	2022	2023	2025	2026
Detailed Design				
DCO Decision *				
Preliminary Works / Stats Diversions				
Start of Main Works				
Main Works Kingsway				
Main Works Markeaton				
Main Works Little Eaton				
Open For Traffic				

* Awaiting confirmation from DfT over re-granting of DCO



Early Procurement (2022)

- Accommodation supply and installation
- Civils works for the office set up incl. drainage & foundations
- Traffic Management
- Site Fencing
- Utility protection
- Ecology Pond Construction





Main Works Procurement (2023)

- Drainage
- FRC (Formwork, rebar & Concrete) Contractor
- Signs & highway lighting
- Gantries
- Traffic Management
- Bored Piling
- Acoustic barriers
- Road Restraint System
- Landscaping & planting
- Network Rail Bridge and Flood Arch partial demolition
- Pumping Station Construction
- Pre-cast panel supply
- Ground Improvement (Band Drains)
- Pavement

What's already been procured



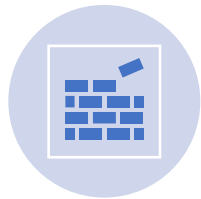
Design (permanent & temporary)



Earthworks



Structural steel for Bridges



Earth Retaining Walls



Vegetation Clearance



House Demolition



What are we planning to do?

- Committing 50% Local SME engagement (within the region)
- Job details listed on Contracts Finder
- Compliance pre-qualification support (Builders' Profile)
- Plant and Material suppliers sourced from local area
- Use of regional CECA agents to add knowledge on local Supply Chain

Key principles

- Open and Honest bidding process
- Fair evaluation on a diverse mix of tender requirements
- Best Value Approach to procurement
- Open to innovation

How to get involved



- Majority of tendering opportunities remain
- How to get involved Email: Clive.Langdown@bam.com
- The Email address above is monitored by our supply chain manager on a regular basis.