

RDP National Supply Chain

Meet the Buyers Event

A52 Nottingham Small Junctions Scheme Presentation

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PRESENTER INTRO.



- Steve Haviland - Project Director (Partnership Leader)
- Richard Bell – Procurement Manager



The junctions that form the A52 Nottingham Junctions scheme



A52 Nottingham (Smaller Junctions)

Scheme Overview

The A52 Nottingham Junctions scheme comprises of 6 junctions along the A52 that require improvements to cope with the existing problems and provide capacity for the increase in traffic anticipated when planned local developments are completed. In 2017 we completed the improvements to two of the smaller junctions:

- Nottingham Road junction & Cropwell Road junction

This Phase incorporates the other 4 small junctions together:

- A52 Gamston roundabout
- A52 Stragglethorpe Road junction
- A52 Bingham Road junction
- A52/A453 Silverdale junction

As background and relevant to the obligation of single point design responsibility, the Scheme is necessary to address the following issue(s):

- significant congestion which occurs at the many junctions along the length of the A52,
- a lack of current and future capacity at the junctions, which is not sufficient to support current and projected future growth and local development needs,
- queues, delays and poor route reliability along the A52 corridor which also impacts with local connecting and cross routes and other strategic links such as the M1, A453 and A46,
- accommodating the mix of traffic which uses the A52 as both a local distributor road and strategic link road,
- poor non-motorised user (NMU) facilities at the existing junctions.

Scheme Overview



A52 Bingham Road junction (also known as Harlequin junction) scheme design proposal



A52 Gamston roundabout scheme design proposal

Bingham Road Junction

- Widening of the existing pavement and realignment of kerb lines and splitter islands.
- New drainage systems.
- New traffic signals.
- New road signs and surface markings.
- New NMU crossings.
- Replacement of the existing highway lighting.
- Minor earthworks.
- Change to traffic orders to prohibit left turns from A52 Eastbound to Bingham Road and from Carter Avenue to A52 Westbound and associated works.

Gamston Roundabout

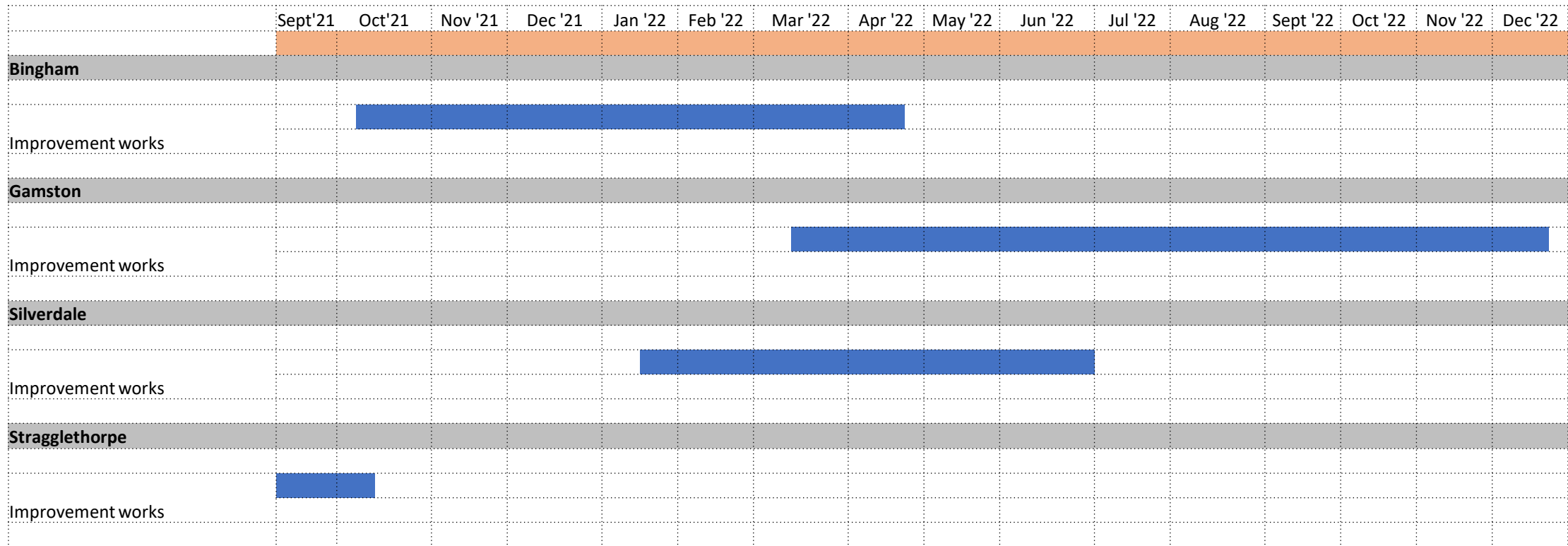
- New traffic signals to existing roundabout.
- Change to speed limits on the approaches, exits and around the roundabout.
- Carriageway widening of up to 4 lanes on the approaches, with the A6011 widened to 3 lanes and widening on the roundabout circulatory.
- New traffic light-controlled crossings on the A52 and A6011 for NMU and customers with disabilities.
- New bus lane will be provided on the Southbound approach.
- Upgrading the existing drainage, street lightings, road signs, surfacing and markings.

Objectives

The scheme objectives are identified as:

- To make the network safer by improving operational safety issues at junctions along the A52.
- Improve user satisfaction by providing quicker and more reliable journeys along the strategic road network, by improving capacity at the junctions.
- Support the smooth flow of traffic by maximising the operational capability at the junction.
- Improve the resilience of the A52 in Nottingham by providing increased capacity leading to a reduction in accidents and making journey times more reliable.
- Encourage economic growth by providing additional junction capacity making journey times more reliable, enabling proposed economic growth and development in the area.
- Deliver better environmental outcomes by reducing congestion at the junction which contributes to air quality issues.
- Help cyclists, walkers, and other vulnerable users of the Network by considering the needs of these users and how their requirements can be designed into the junctions.

A52 Nottingham Small Junctions Outline Programme



2021 / 2022 Key procurement activities

We would welcome the opportunities to engage with Local Suppliers, but this is not a limiting Factor. The overall scheme is not large, but involves careful logistics and limited working environment. The overall Budget for these direct works are around £4M in total

- Main Compound Set Up
 - Site Security
 - Cleaners
- Permanent Works
 - Plant and Labour
 - Site Clearance
 - Minor Earthworks and lane widening
 - Drainage
 - Streetlighting and Ducting
 - Traffic Signals and Associated Civils works
 - Signage
 - Road Marking
 - Kerbs and Footways
 - VRS and Concrete Extruded barrier
 - Landscaping
 - Gas main Civils works



What's already in process of being procured

- Compound Set up
- Traffic Management
- Surfacing (CATMAN)
- Vegetation / tree clearance



What have we done to date?

- Initial Site Vegetation/tree clearance
- Work on Utility Diversions have commenced at Bingham Junction
- Ground Investigation (GI) works are complete
- Initial Environmental Surveys complete
- Initial Western Power Diversion civils works have been started on Gamston Junction

Key principles

- -Open and Honest bidding process
- -Fair evaluation on a diverse mix of tender requirements

How to get involved

- Majority of tendering opportunities remain
- How to get involved drop Richard a line on Rbell@Farrans.com
- Contact supply chain manager (Procurement) is Richard Bell

