

ISO A1 594mm x 841mm

Last saved by: SHAAN KHAN (2023.09.05)    Last Plotted: 2024.02.23  
Filename: L:\DCS\PROJECTS\60706641\_BRINKLOW\_AND\_MONKSTON\900\_CAD\_GIS\010-100\_CAD\_CONSULTATION PLANS\GA SHEETS\_MONKSTON RDBT - OPT C.DWG

SIGNALISED ROUNDABOUT DESIGN OPTION

THIS OPTION INCLUDES:

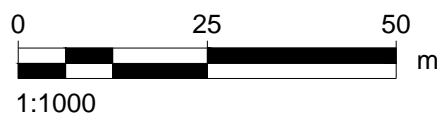
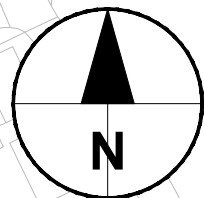
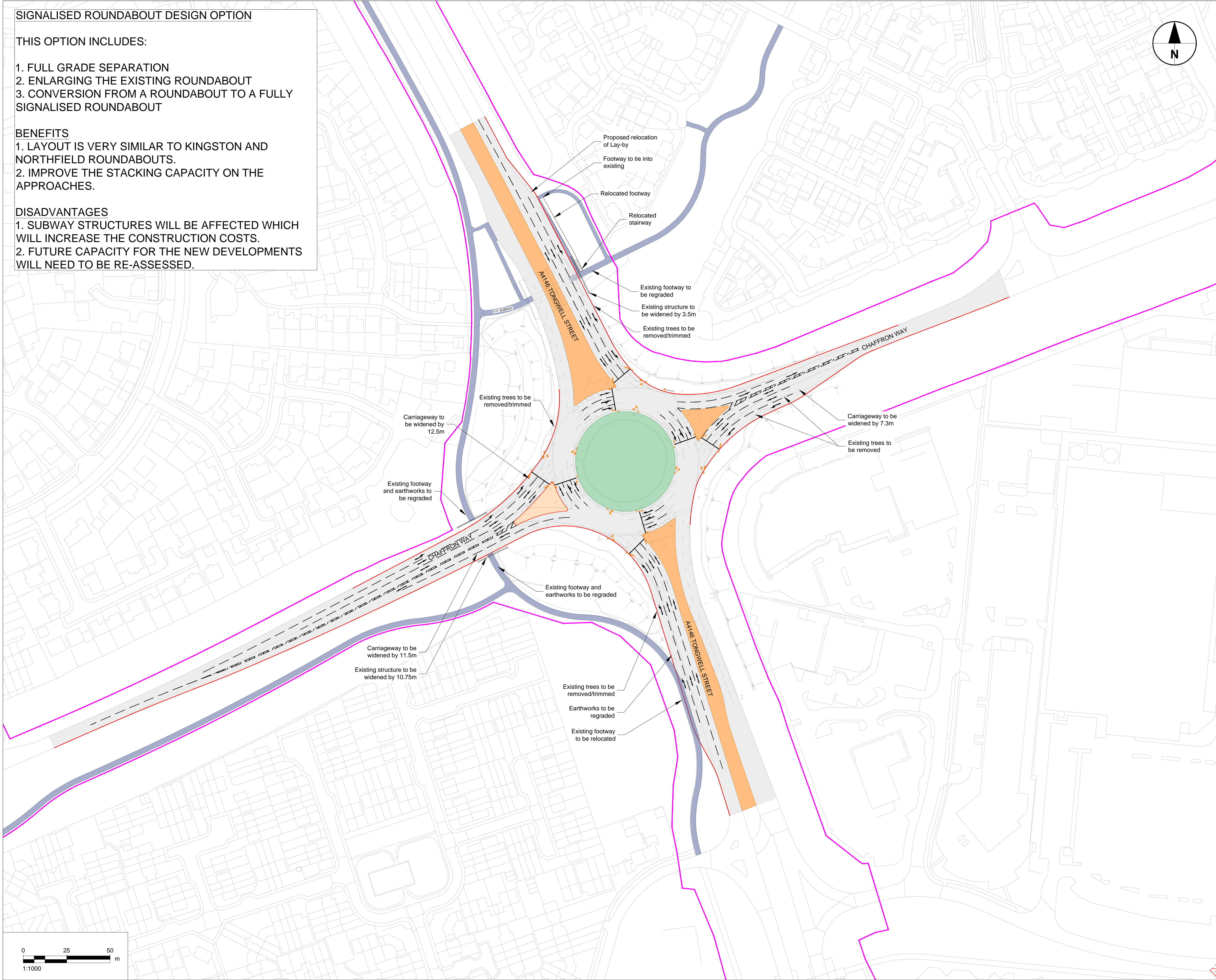
- 1. FULL GRADE SEPARATION
- 2. ENLARGING THE EXISTING ROUNDABOUT
- 3. CONVERSION FROM A ROUNDABOUT TO A FULLY SIGNALISED ROUNDABOUT

BENEFITS

- 1. LAYOUT IS VERY SIMILAR TO KINGSTON AND NORTHFIELD ROUNDABOUTS.
- 2. IMPROVE THE STACKING CAPACITY ON THE APPROACHES.

DISADVANTAGES

- 1. SUBWAY STRUCTURES WILL BE AFFECTED WHICH WILL INCREASE THE CONSTRUCTION COSTS.
- 2. FUTURE CAPACITY FOR THE NEW DEVELOPMENTS WILL NEED TO BE RE-ASSESSED.



**AECOM**

PROJECT

Monkston Roundabout

CLIENT

MILTON KEYNES  
COUNCIL

CONSULTANT

AECOM Limited  
1st & 2nd Floor, Brickett Road  
10 Brickett Road  
St Albans  
AL1 3JX  
United Kingdom

+44 117 901 7000  
www.aecom.com

NOTES

- 1. Do not scale from this drawing. Use figured dimensions only. All dimensions are in metres unless otherwise stated.
- 2. Drawing is based on OS mapping.
- 3. Items in grey represent the existing layout and infrastructure unless otherwise indicated.

KEY

- Proposed Verge
- Proposed Carriageway
- Proposed Islands
- Existing Islands
- Existing Footway
- Proposed Carriageway Edge
- Proposed Road Markings
- Existing Road Markings
- Highway Boundary
- 4m Traffic Signal Pole
- 6m Traffic Signal Pole
- Primary Signal Head
- Primary Double Signal Head
- Secondary Signal Head

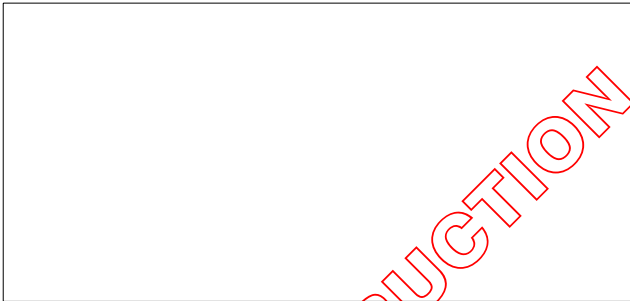
PROJECT MANAGEMENT INITIALS

SAK	KK	KC
DESIGNER	CHECKED	APPROVED

ISSUE/REVISION


P01	30/06/2023	JUNCTION REDESIGN
I/R	DATE	DESCRIPTION

KEY PLAN



PROJECT NUMBER

60501463

SHEET TITLE

MONKSTON ROUNDABOUT  
SIGNALISED ROUNDABOUT DESIGN OPTION  
SHEET 1 OF 1

SHEET NUMBER

60501463-ACM-HGN-ZZ-DR-CH-0001

This drawing is confidential and shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the AECOM quality assurance system to ISO 9001:2000.