

# RDP National Meet the Buyers Scheme Presentation Template

17 August 2023





Stuart Hobbs MCIPS (CS)  
**Procurement Manager**



Jaroslaw Olczak  
**Construction Manager**

Improving your journey

A428 Black Cat to Caxton Gibbet – New road layout

Complete spring 2027



funding roads through



**SKANSKA**



Improving your journey

A428 Black Cat to Caxton Gibbet – New road layout

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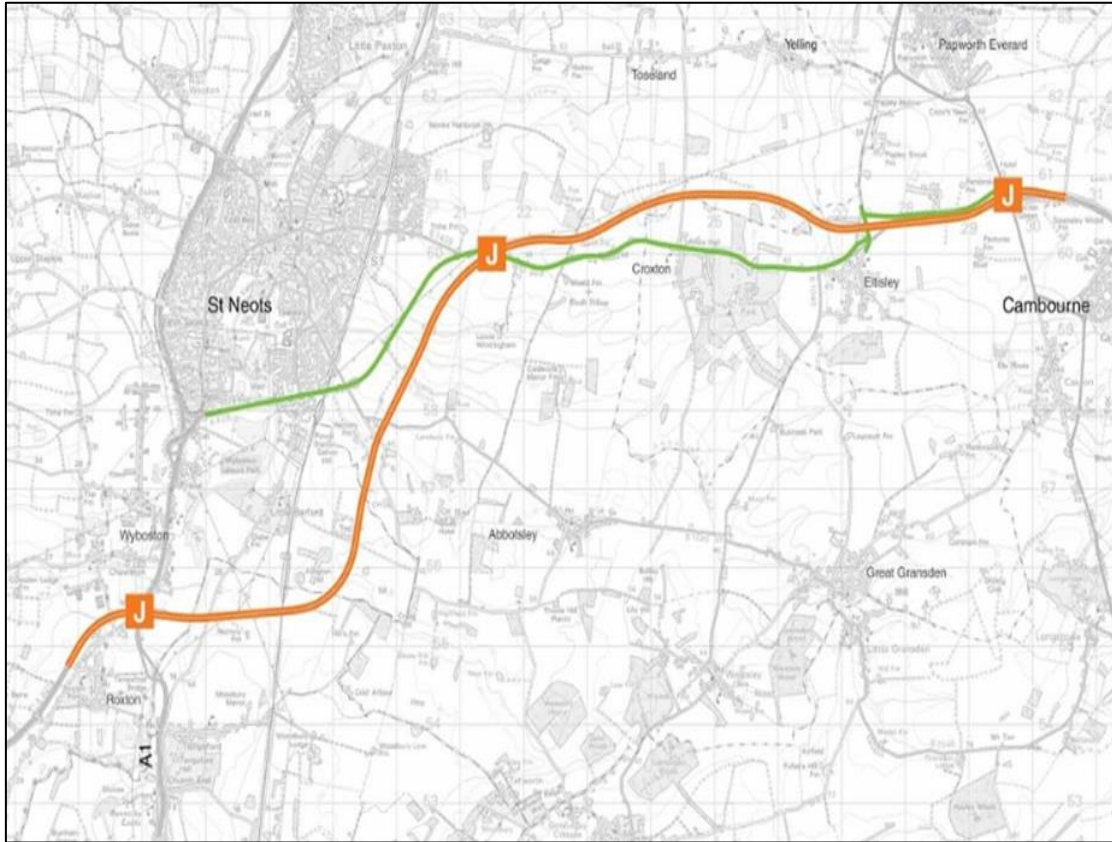


funding roads through



**A428 Black Cat to Caxton Gibbet  
Improvement Scheme [2023 Update]**

# Scheme Overview



- This NSIP Scheme is upgrading the A428 between Black Cat and Caxton Gibbet. It will be an all-purpose dual carriageway that re-aligns the existing single-carriageway A428 onto a new alignment, creating key connection along the route. The outline design identifies improvement works including providing;
  - A 10 mile, high quality 70mph dual carriageway, connecting the A421 at Black Cat roundabout to the A428 at Caxton Gibbet roundabout.
  - Replacement of the existing Black Cat roundabout with a new grade-separated three-tier free-flow link.
  - New, grade separated, junctions at Cambridge Road and Caxton Gibbet.
  - De-trunking of the existing A428.
  - New bridges and accesses across the new road.
  - 250m viaduct over the River Great Ouse.

Project budget = £810m to £950m  
Design & Build = c.£510m

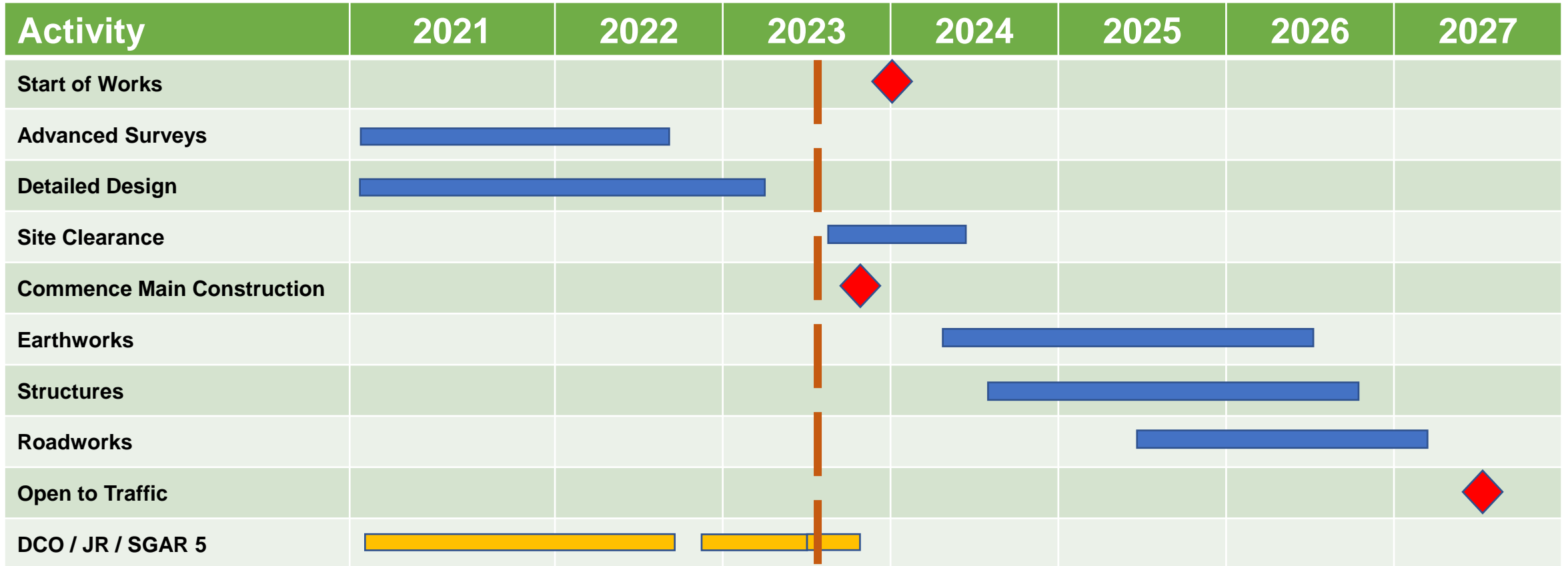
# Scheme Overview

- ~60Ha of archaeology clearance.
- 18 new structures
  - 8 steel composite
  - 10 pre-stressed concrete beams
  - 1 structure to remove
- Demolition of existing services area by A1
- 3.8million m3 of earthworks – including 4no borrow pits
- 16km of new dual carriageway.
- 55 new culverts and wildlife crossings.
- 57,100m of drainage.
- 83,000m wildlife proof fencing.
- 3 new badger setts.
- 1no mammal crossing for Barbastelle bats.

# Objectives

- Replace the only remaining section of single carriageway between Milton Keynes and Cambridge.
- Remove traffic constrictors of Black Cat and Caxton Gibbet roundabouts
- Transform one of the busiest road links in the East of England and save up to 1 ½ hours a week for regular users of the current route.
- Create better routes for walkers, cyclists and horse riders and improve connections to St Neots and its train station
- Encourage economic growth by providing additional junction capacity and making journey times more reliable, enabling proposed economic growth and development to come forward at key regional locations.
- Improve air and noise quality for communities.
- Leave a positive legacy for the local community.

# Outline Programme



# Key procurement activities

## ▪ Underway

- SC084 - Piling and Embedded Retaining Walls - Rotary bored piling
- SC047 - Vehicle recovery
- SC050 - Site clearance - Demolition - Standard buildings
- SC066 - Earthworks - Earthworks
- SC071 - Early works signage
- SC083 - Piling and Embedded Retaining Walls - Permanent sheet pile walls
- SC085 - Structural Concrete - FRC
- SC087 - Structural Steelwork - Bridge Beams
- SC045 - Temporary Barriers
- SC047A - Temporary CCTV Camera System - Installation & Maintenance
- SC047B - Speed Cameras - Installation & Maintenance
- SC060 - Drainage and service ducts - Carrier drains/Filter drains
- SC046 - Traffic management
- SC055B - Temporary Fencing - (New)
- SC027 - Material testing and lab



# Key procurement activities

## ■ Still to be procured

- SC029 - Condition Surveys
- SC031 - Instrumentation and Monitoring (I&M)
- SC045A - Temporary Variable Message Signs (VMS)
- SC049 - Site clearance - Demolition - highways structures ( Roxton Rd Bridge)
- SC052 - Site clearance - Hard clearance - Electrical
- SC056 - Road restraint systems - Bridge parapets
- SC057 - Road restraint systems - Steel barrier
- SC058 - Road restraint systems - Concrete Step Barrier
- SC059 - Attenuation Tanks
- SC061 - Drainage and service ducts - Deck drainage
- SC062 - Drainage and service ducts - Directional drilling
- SC063 - Drainage and service ducts - surface water channel/slot drain
- SC064 - Drainage and service ducts - Land drains
- SC065 - Drainage and service ducts - Pump stations (Civils)
- SC065A - Drainage and service ducts - M & E works for Pump stations
- SC067 - Compound Surfacing and white lining
- SC068 - Road pavement - general - Surfacing
- SC068B - Road pavement - general - Temp Surfacing
- SC069 - Road Pavement - Unbound, cement and other hydraulically bound mixtures - CBGM
- SC070 - Kerbs, footways and paved areas - Footpaths
- SC072 - Traffic Signs - Post and signs
- SC073 - Traffic Signs - Road marking & road studs
- SC074 - Traffic Signs - Traffic signals
- SC075 - Road Lighting Columns and Brackets, CCTV masts and cantilever masts - Lighting columns
- SC076 - Electrical Work for Road Lighting and Traffic Signs - Electrical connections and terminations
- SC077 - Electrical Work for Road Lighting and Traffic Signs - New DNO connections
- SC078 - Motorway Communication - CCTV cameras
- SC079 - Motorway Communication - Civils work
- SC080 - Motorway Communication - Commissioning
- SC082 - Motorway Communication - Technology Equipment installation
- SC086 - Structural Concrete - Precast Beams
- SC091 - Waterproofing for concrete structure - spray applied
- SC092 - Bridge Bearings
- SC093 - Bridge expansion joints and sealing of gaps - Bridge expansion joints
- SC093A - Bridge expansion joints and sealing of gaps - Mechanical Bridge expansion joints
- SC094 - Bridge expansion joints and sealing of gaps - Joint sealing
- SC095 - Brickwork, Blockwork and Stonework - Cladding to Secant Pile Walls
- SC096 - Brickwork, Blockwork and Stonework - Apron and scour protection
- SC098 - Reinforced earth walls Installation

# What's already been procured

- SC001 - Enabling Works Traffic Management (pre contract)
- SC002 - Ground Investigation
- SC003 - Labour - pre main works
- SC004 - Archaeological Trial Trenching
- SC005 - Buildability Support
- SC007 - Utility Surveys (Non-Intrusive)
- SC008 - Mobile signal surveys
- SC009 – 13 Archaeology and Earthworks
- C013A - Archaeological Clerk of Works / Project Manager
- SC014 - Pre DCO-Earthworks - Pre DCO-Archaeological Fields and compound earthworks
- SC015 - Pre-Start Asset Surveys: CCTV Drainage
- SC016 - Pre-Start Asset Surveys: Pavement
- SC017 - Additional Ground Investigation
- SC019 - Pre-Start Asset Surveys: Lighting & Technology
- SC019A - Track Survey and Monitoring
- SC020 - 3000 - Ecological clerk of works
- SC021 - Land Drain Consultant
- SC022 - Soil quality surveys
- SC023 - Asbestos Survey
- SC024 - Compound Cabin relocation
- SC026 - Compound(s) - Civils
- SC026F - Modular Buildings All Compounds
- SC028 - Compound Electrician
- SC035 - Compound - pest control
- SC038 - Security
- SC048 - Brook Cottages - Surveys
- SC053 - Site Clearance - Vegetation Clearance
- SC066A - Earthworks - Earthworks - ECI
- SC068A - Road pavement - general - Surfacing - Professional Services



# How to get involved

Sign up for notifications on  
the National Highways

Website



Join our supply chain

We want to provide local businesses, small and medium enterprises (SMEs) and social enterprises (SEs) with the tools to win new work and maximise economic benefits during and after construction.

Contracts Finder



**Attenuation Tanks**  
SKANSKA CONSTRUCTION UK LIMITED  
Skanska is preparing to deliver the A428 Black Cat to Caxton Gibbet Improvement Scheme on behalf of National Highway. This package is for supplying Attenuation Tanks as follows: Attenuation systems shall be supplied, installed and backfilled by the supplier as per the details provided in the construction drawings. Supplier shall provide warranties...

SUPPLY CHAIN NOTICE

**Site clearance - Demolition - highways struc...**

SKANSKA CONSTRUCTION UK LIMITED

Skanska is preparing to deliver the A428

Improvement Scheme on behalf of National Highways. This package is for

clearance - Demolition - highways structures. The package is for the demolition of

bridge to be demolished. Rixton Road Bridge. The bridge is a cast in-situ deck

constructed over 3 No. 11m spans. The bridge is to be demolished and the

area to be cleared for the construction of a new bridge. The package is for

supplying Bridge Bearings as follows: Bridge bearings to be installed on the top

of structures abutments/piers. You will then be invited to complete our Request

for information (RFI), conducted on our Oracle...

Procurement stage Opportunity

Notice status Open

Closing 28 August 2023, 5pm

Contract location East of England

Contract value £0 to £263,000

Publication date 27 July 2023, last edited 27 July 2023

**Bridge Bearings**

SKANSKA CONSTRUCTION UK LIMITED

Skanska is preparing to deliver the A428 Black Cat to Caxton Gibbet

Improvement Scheme on behalf of National Highways. This package is for

supplying Bridge Bearings as follows: Bridge bearings to be installed on the top

of structures abutments/piers. You will then be invited to complete our Request

for information (RFI), conducted on our Oracle...

Procurement stage Opportunity

Notice status Open

Closing 7 September 2023, 5pm

Contract location East of England

Contract value £0 to £525,000

Publication date 3 August 2023

SUPPLY CHAIN NOTICE

Oracle

**ORACLE**  
FUSION APPLICATIONS

Contact us:

[A428Procurement@skanska.co.uk](mailto:A428Procurement@skanska.co.uk)



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 national  
highways