

**M6 Lune Gorge
RDP National Meet the
Buyers
Scheme**



PRESENTER INTRODUCTIONS



Lee Tinkler
Project Director
Kier Highways



M6 Lune Gorge RDP National

MP 433/1 RAISBANK UP

MP 432/7 CASTLE HOWE M38 MP 432/2

MP 432/2 GALLOPER WELL

MP 431/9 TEBAY BRIDGE

MP 431/8 LOUPS FELL RLY

MP 431/2 DRYBRIDGE LANE UP

MP 430/6 ROUNDTWHAITE

MP 430/3 JEFFREYS

MP 430/1 LAWTLAND HOUSE

MP 428/8 BORROWBECK

MP423/5 HIGHGILL



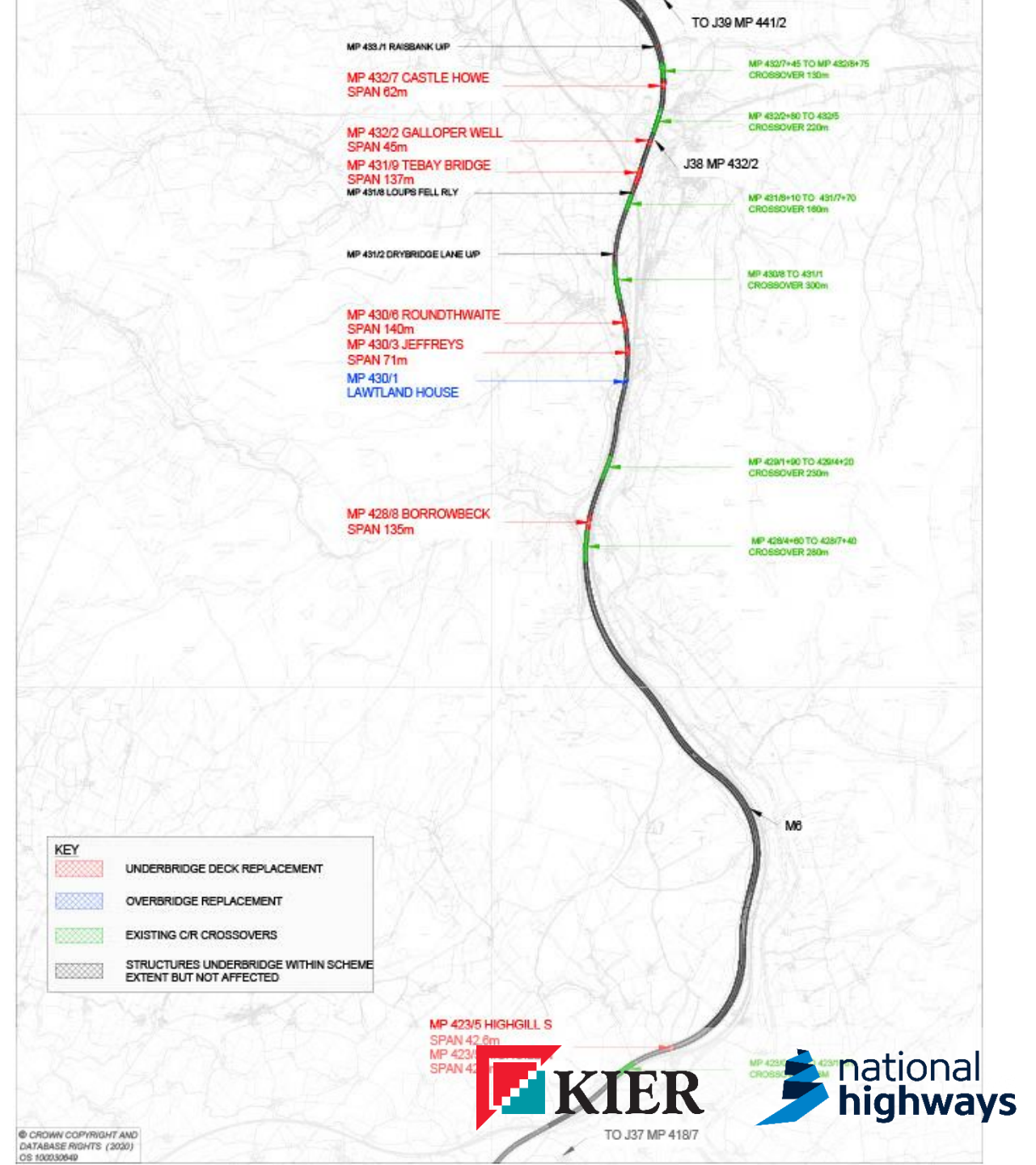
Scheme Overview

The project involves replacement of 7 bridge decks North bound and seven bridgedecks southbound. Replace one motorway and rail overbridge. Structures are on the M6 between Junction 37 (North of Lancaster) and Junction 38 (Tebay)

Current understood timescale for design commencement is November 2022.

To be carried out under National Highways RDP North Region band B Design and Build framework contract.

Envisaged 1 to 2 year design period commencing 2022 followed by a 3 to 4 year construction period.



Scheme Overview

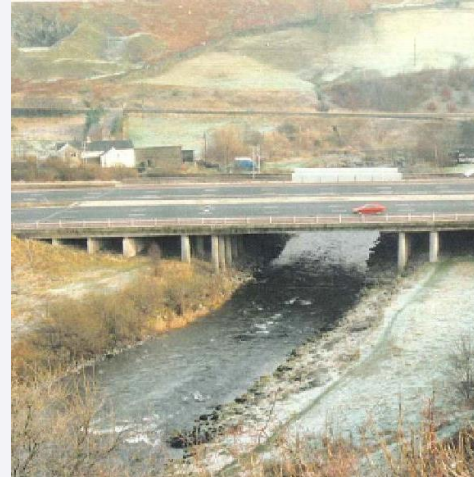
3 lane carriageway and hard shoulder in both carriageways

The scheme includes enabling works to the m6 for contraflow, demolition, significant temporary works, structural steelwork/concrete, new rc abutments, new supporting beams to existing columns, rc decks, parapets and carriageway reinstatement

All the underbridges have totally independent superstructures with a longitudinal joint between Northbound and Southbound decks.

Substructures are also totally independent for Northbound and Southbound superstructures with a central vertical joint at bank seat locations. Skeletal columns supporting bank seats are founded on independent pad and piled foundations.

All Structures have Half Joints (HJ) which support 'Drop in' beams.

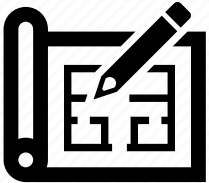
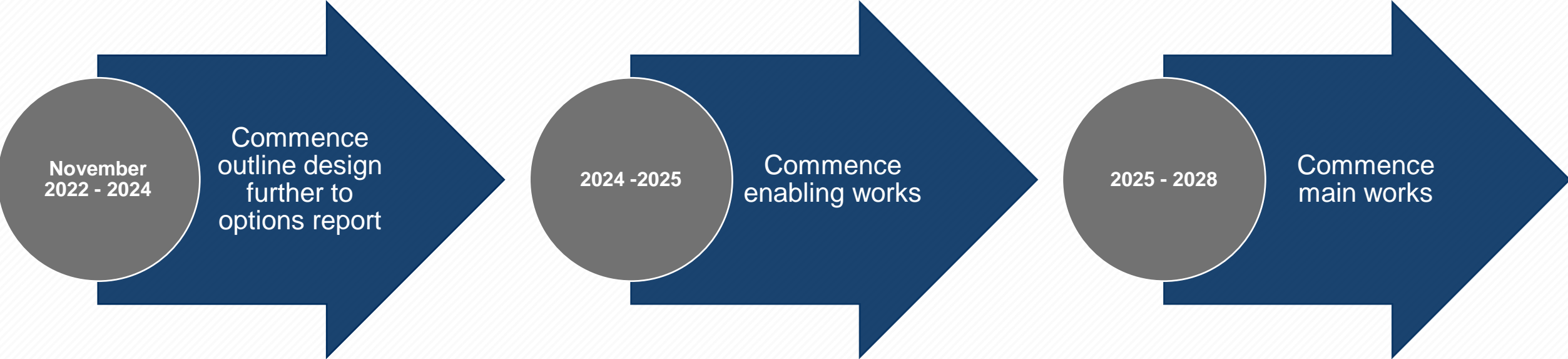


Objectives

Remove half joints (long term maintenance issue)

Remove current restrictions on HB loading (Abnormal load capacity)

Outline Programme



Key procurement activities

Investigation to support design

- Structure condition surveys
- Pavement surveys
- GI
- Environmental surveys

ECI Support

- Traffic Management solutions
- Demolitions solutions
- Structural Steelwork solutions
- RC solutions



What's already been procured?

Design services



What have we done to date?

Review of budget

Suppliers provided budget for structural steelwork



Suppliers provided budget for Traffic Management



Suppliers provided budget for RC works



Suppliers provided budget solutions for temporary works



Detailed risk review



Outline programme for design and construction



How to get involved

Lee Tinkler – Project Director

Lee.tinkler@kier.co.uk

James Melia – Head of Commercial

james.melia@kier.co.uk

