

RDP National Meet the Buyers Event

M6 Lune Gorge

17/08/22



PRESENTER INTRODUCTIONS



Ryan Ford
Managing QS
Kier Transportation



Scheme Overview

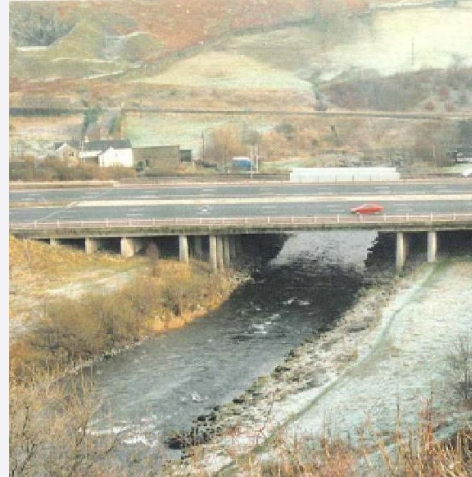
3 lane carriageway and hard shoulder in both carriageways

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.

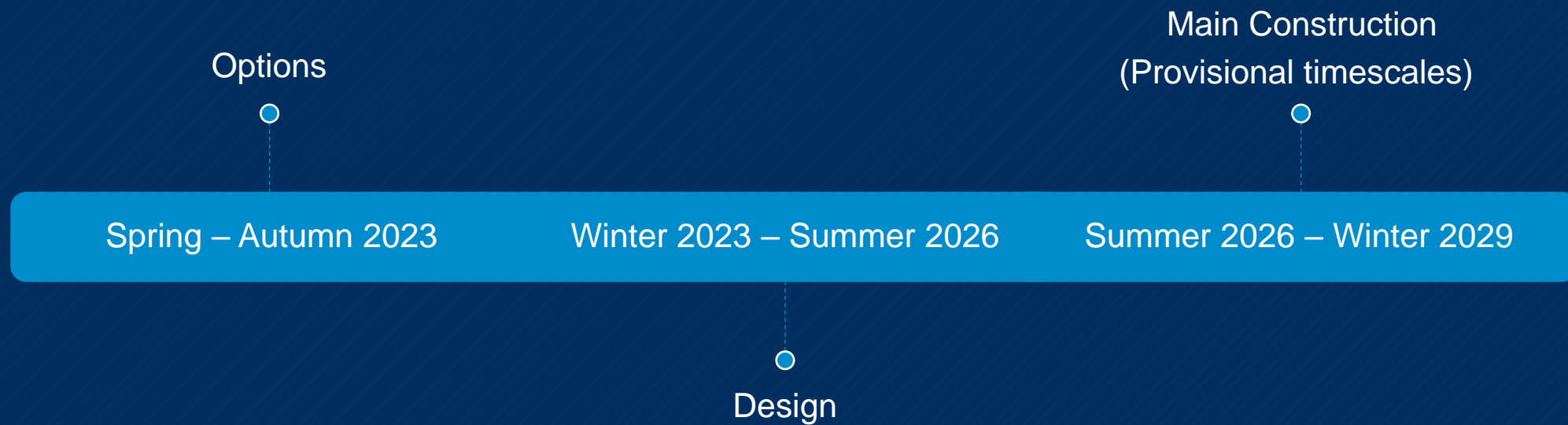


Objectives

Provide a best value solution to:

- Remove half joints (long term maintenance issue)
- Remove current restrictions on HB loading (Abnormal load capacity)
- Reduce impact to customers as part of delivery methodology where possible

Timescales



Key procurement activities

- Investigation to support design
 - Structure condition surveys
 - Pavement surveys
 - GI
- ECI Support
 - Demolitions solutions
 - Structural Steelwork solutions
 - RC solutions
 - Temporary Works (propping)
- Potential early enabling works
 - Hard shoulder strengthening
 - Pavement upgrades
 - Drainage surveys/repairs
 - Temporary works (scaffolding/propping/compound establishment)
 - Barrier upgrade/repair



What's already been procured?

- Design services
- Topographical Surveys
- GPR Surveys
- Environmental Surveys
- Traffic Management ECI



What have we done to date?

- Established integrated collaborative project team (Kier, NH Projects, NH Operations, LA, Designers)
- Reviewed budget for scheme
- Developed risk profile for the scheme
- Commenced detailed value engineering options review on a per structure basis.
- Further developed integrated design and construction programme
- Commenced engagement with stakeholders (Local Authorities, Land owners, Natural England etc)
- Commenced early survey works
- Social Value and community engagement plan underway
- Wider supply chain engagement commenced to add value



How to get involved

Richard.french@kier.co.uk - Programme Director

Lee.tinkler@kier.co.uk - Project Director;

James.melia@kier.co.uk - Commercial Lead

Ryan.ford@kier.co.uk - Managing QS

