

RDP National Meet the Buyers

A66 Northern-Trans Pennine Project (A66 NTP)

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Project Leads



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keltbray



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A66 NORTHERN TRANS-PENNINE PROJECT

A66 Northern Trans-Pennine project

Providing access to Scotland

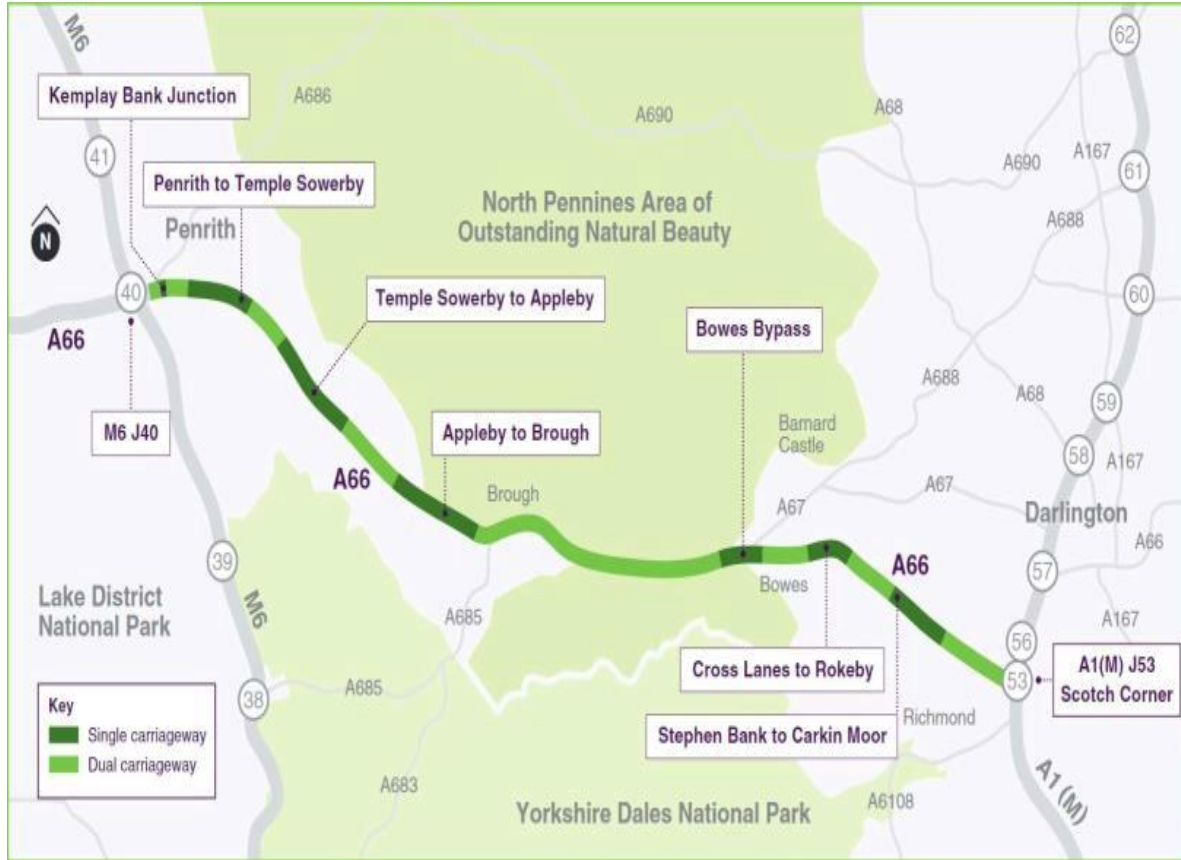
Bringing traffic to and from Northern Ireland

Linking the North East and the North West

Connecting Cumbria, Durham and North Yorkshire to the rest of the UK



Scheme Overview



The scheme is focused on delivering Stage One and Stage Two of the A66 Northern Trans-pennine Project (the Project). The A66, between M6 Junction 40 and M1 Junction 53.

Scheme	Name
1 & 2	M6 J40 & Kemplay
3	Centre Parcs West
3a	Centre Parcs East
4 & 5	Kirkby Thorne to Crackenthorpe
6	Warcop (Appleby to Brough)
7	Bowes Bypass
8	Cross Lanes to Rokeby
9	Stephen Bank to Carkin Moor
11	Scotch Corner

Scheme Detail

The A66 project is to upgrade the remaining 37km of single carriageway to deliver a complete 81km route from Scotch Corner to Penrith

Pavement

- 750,000m³ capping/type 1
- 1,000,000tonnes Base/Binder/Surface Course

General Materials

- 200,000m³ structural backfill
- 125,000m³ concrete (depends on precast elements)
- 35,000m dry stone walling
- 130,000m drainage

Scheme Detail

Structures

- 15 Overbridges, Precast Beams/Steel Beams
- 15 Underbridges, Precast Box, Short Span Pre Cast Beams
- 3 Viaducts, Steel Beam Composite
- Small number of retaining walls, various retained height
- Limited requirement for piled foundations
- Numerous culverts, Pre Cast Box or large diameter pipes

Earthworks

- High level quants 5.2m³ excavation, 4.8m³ fill
- Expected to deliver over 4 earthworks season, 2025/2026/2027 expected to be the bulk movement, 2028 for late plugs
- General material is suitable glacial deposits over rock, no hard excavation expected
- Most schemes have a cut fill balance, limited road haulage required but non required from west to east

Overarching Supply Chain Strategy

- Leave a lasting Legacy
- Maximise supply chain value to local communities
- Build Less
- Procure Intelligent Assets

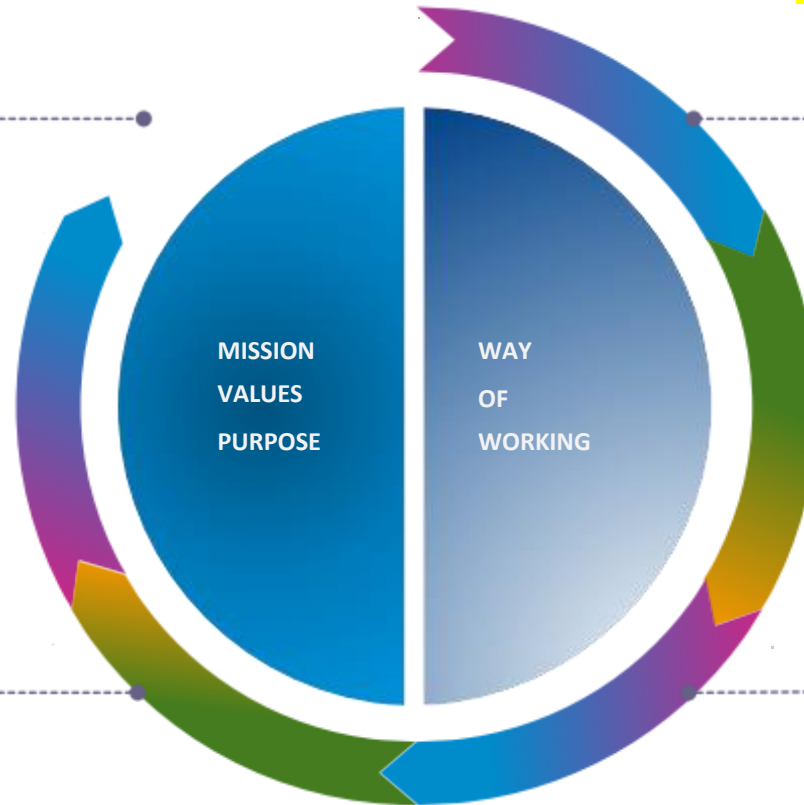
- Get Left – Design Consistency
- Modern methods of Construction
- **Schedule of Discussion Points**

DEVELOP RELATIONSHIPS

Be the Customer of Choice

DELIVER PERFORMANCE

Transform Supply Chain Productivity & Performance



- Focus on Whole Life Cost
- Secure funding from Designated Funds and use in relation to Biodiversity, Carbon, Social Impact etc.
- Category alignment – minimum best practise ways of working
- Early Design Freeze
- Project Speed

DELIVER PROJECT OUTCOMES

Maximise Stakeholder Value

- Build Capacity & Capability within region
- A66 enterprise culture

TRANSFORM SUPPLY CHAIN

Deliver World Class Supply Chain Solutions

A66 Overarching Key Challenges & Opportunities

- **Scheme Affordability** –need to work hard with designers to reduce scope. Inflation significant
 - Opportunities need to be realised to achieve overall Project Budget
- **Being an exemplar Enterprise style intra-DIP collaborative mega project** –ambitious programme
- **Coordination between 3 DIPs**
 - Governance
 - Standardised designs
 - Procurement
 - Supply Chain
- **Geographically separated schemes** – Remote, rural location.
- **Sustainability** - Reducing Carbon Footprint/ Increasing BNG/ Social Value
- **Local Community Engagement** - On-line widening and interface with A66 customers
- **Environmental / Ecology** –Red squirrels; badgers; deer; bats
- **Resource** -Material/Resource availability. Remote location.

Scheme Objectives

- **Improved Economy** - To provide more reliable, safer and efficient strategic and local connectivity in the north of England, that supports economic growth and the Northern Powerhouse aspirations
- **Customer** - To increase the overall reliability of journey times along the route
- **Safety & Wellbeing** – To improve the design of the route and bring sections up to modern standards. Dual the full route to improve safety by reducing the overall number of accidents and casualties
- **People & Communities** – To reduce severance impact to the local community, enable safe passage of local traffic crossing the A66, and improve traffic flow at congested times by separating trips along and across the A66. Deliver social value throughout the construction phase
- **Environment** – To minimise adverse impacts on the environment and where possible optimise the area's existing biodiversity and minimise the impact of environmental nuisance such as noise and carbon emissions

Outline Programme

Activity	2024	2025	2026	2027	2028	2029
Start of Works	◆					
Advanced	■					
Detailed Design	■					
Site Clearance, Investigation Works	■					
Commence Main Construction		◆				
Earthworks		■				
Structures		■				
Roadworks			■			
Open to Traffic						◆
Complete Landscaping, De-trunking						■

Key procurement activities

- Strategic Critical ECI Packages
 - Design
 - Archaeology
 - Earthworks
 - Precast
 - Piling
 - Pavement
 - Traffic Management
 - Reinforced Earth
 - Structural Steel
 - Drainage
- Strategic Critical Construction Packages
 - Fencing
 - VRS
 - Labour



How to get involved

- Majority of tendering opportunities remain
- How to get involved:
- Contact A66 Procurement Enterprise Lead – Tim Jordan
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