

# Working together to make highway renewals affordable National Highways perspective.

# Introduction

## Making Highway Renewals Affordable

### Similarities to Network Rail

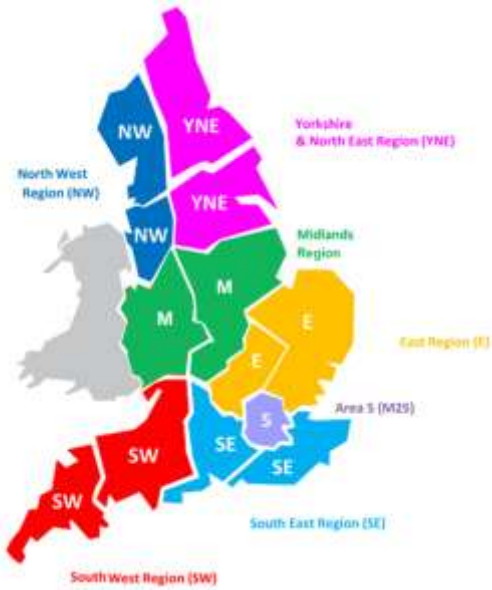
- Balancing challenges
- Targets and investment periods.
- Asset planning and schemes

### Examples of getting efficient

- Bundling
- Gaining extra life
- Collaboration



# National Highways: Context



- Government owned company since 1 April 2015.
- Charged with
  - operating
  - maintaining and
  - improving

## Englands strategic road network

- 6 regions
- 5 year roads investment periods

# National Highways: Fundamental to UK economy

To connect people and to drive the economy

88

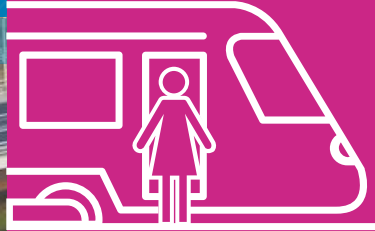
billion miles  
travelled on the  
SRN every year



Carrying

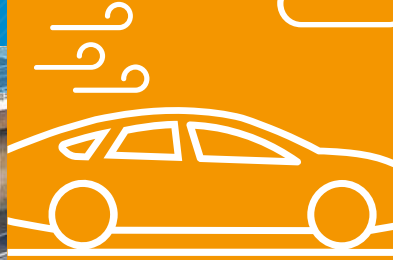
3x

more people than  
the UK rail network



9 out of 10

passenger miles  
travelled by road



and 79%

of all freight is  
moved by road



In 2023\* we  
reduced the  
number of people  
killed and  
seriously injured  
on our roads by

↓ 39%



\*compared to an agreed 2005-2009 baseline

# National Highways: Our network and assets



Over  
**24,000**  
bridges and other structures



over  
**150,000**  
signs



Over  
**12,000**  
1km geotechnical assets



**30,000**ha  
soft estate area

over  
**41,000**  
1km drainage



over  
**100,000**  
street lights



over **43,000**  
items of roadside technology



**4,300**  
miles of motorways and major A-roads



**5** tunnels



# Challenges we face

Roman Roads and 1970s structures

Increased demand

Maintaining and improving safety

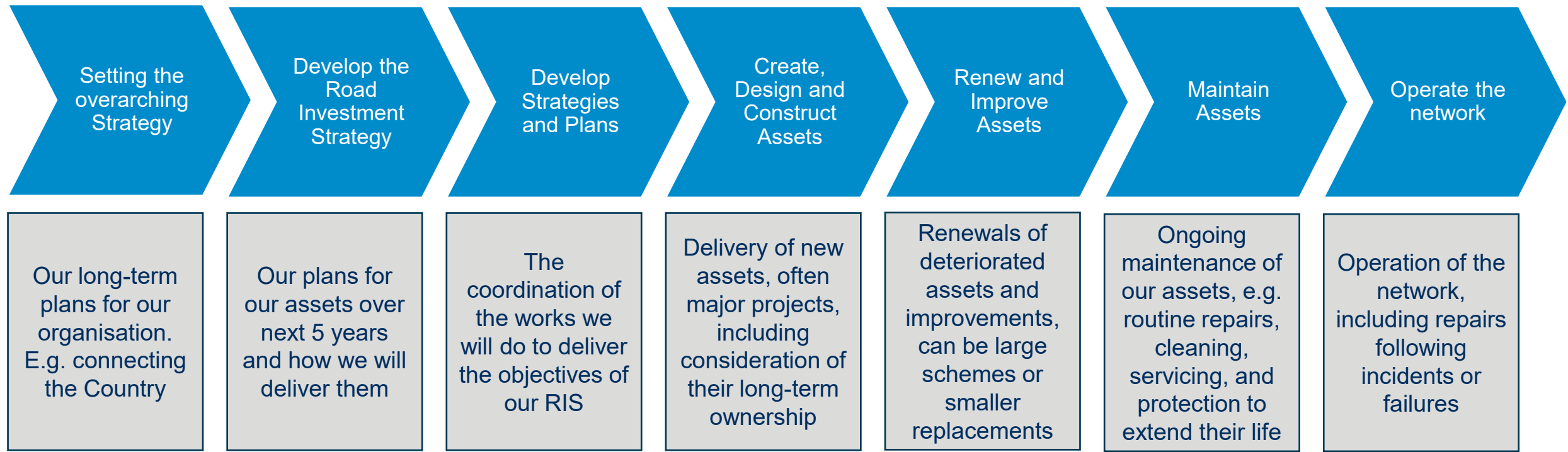
Customer expectations

Climate effects

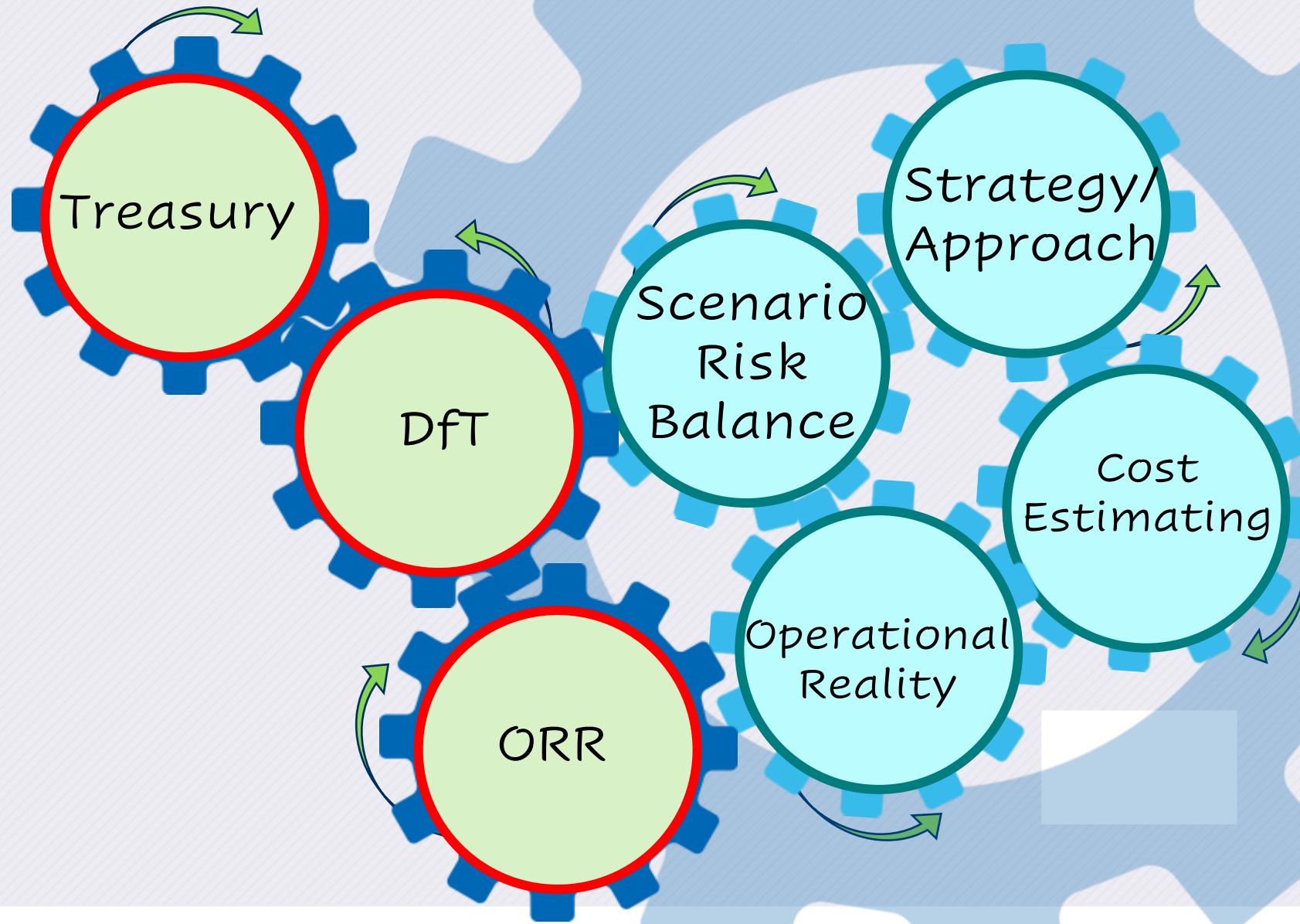
Finite Budgets



# Addressing Challenges: National Highways Asset Management Steps



# Developing the Roads Investment Strategy Case

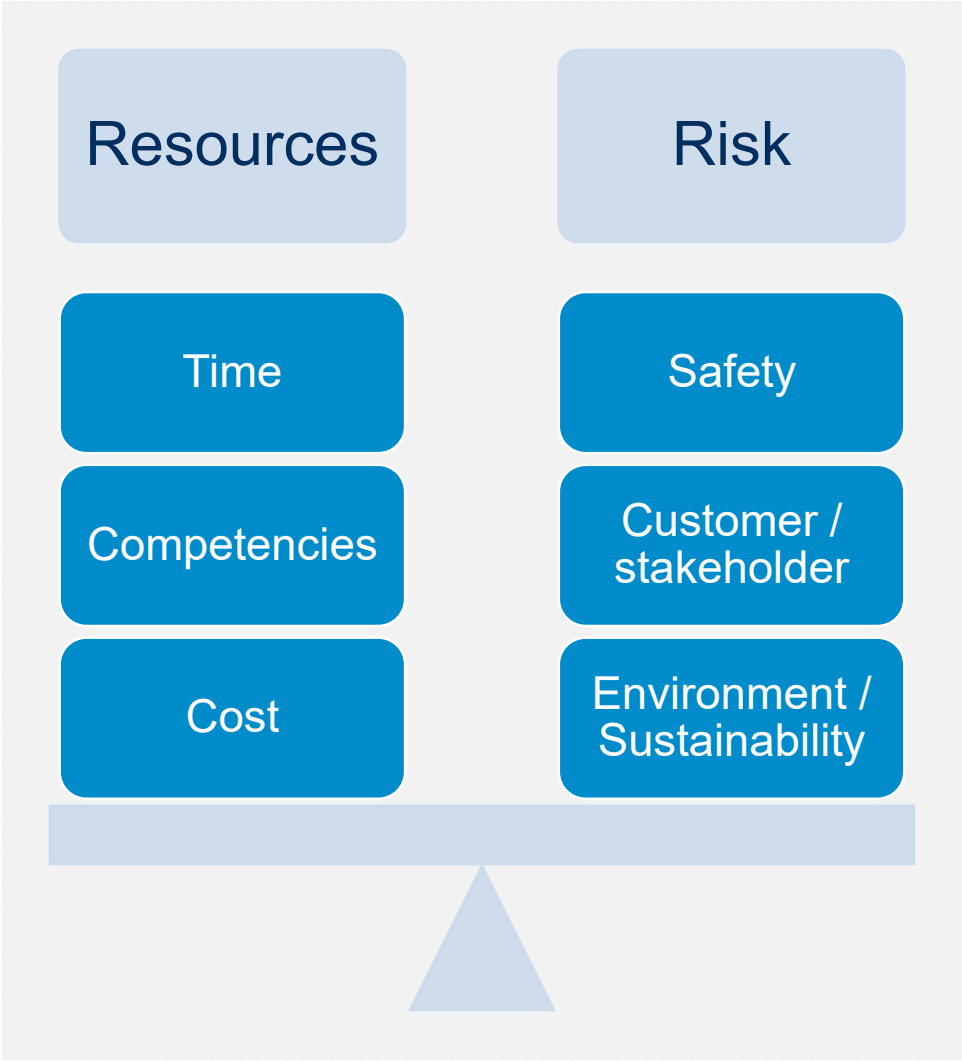
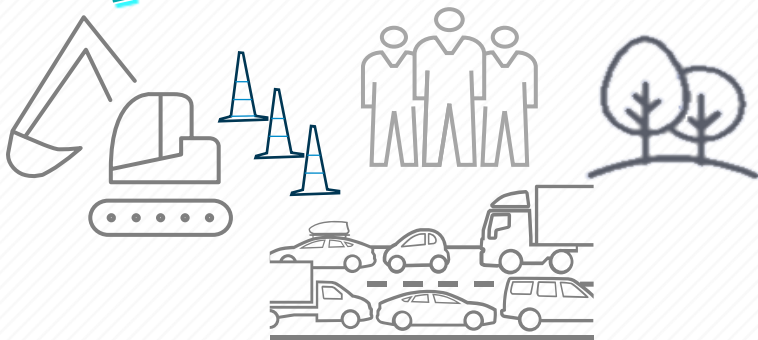


# Developing Strategies and Plans

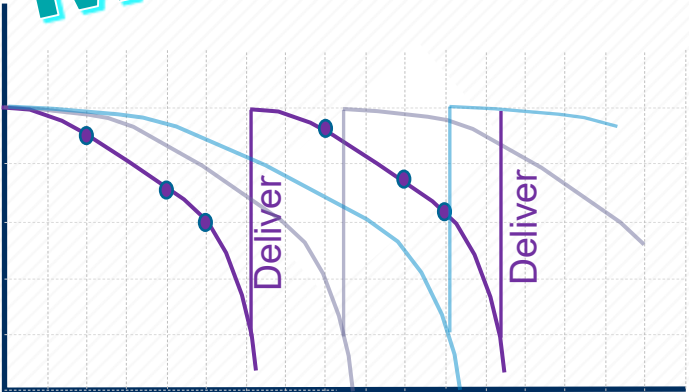
## Policy



## Reality



## Modelling



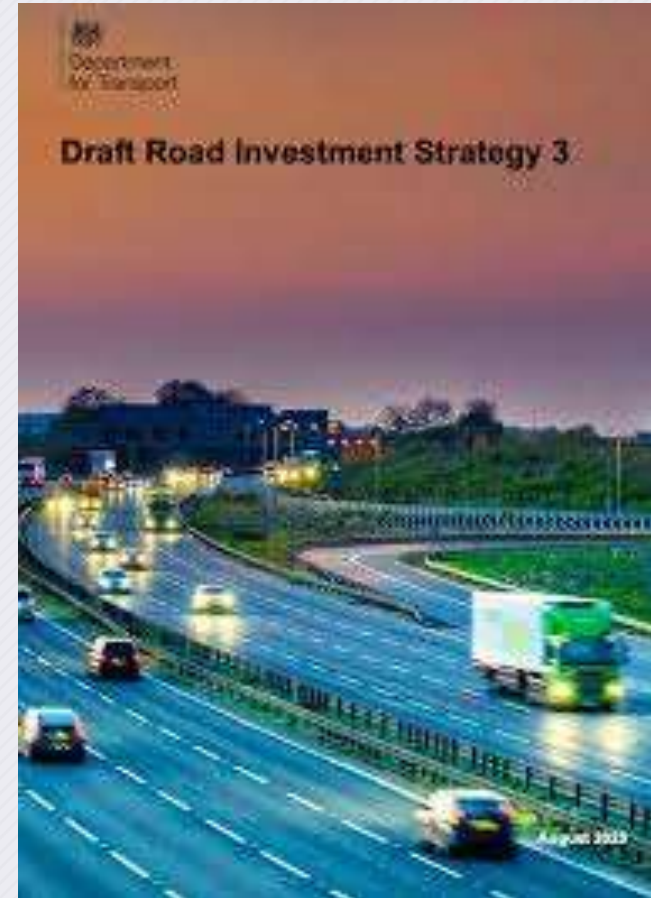
£? £? £?



Opex Capex

# Roads Investment Strategy 3

- Draft Roads Investment Strategy 9 September
- Statements of Funds Available £25Bn
- 1 April 2026 to 31 March 2031
- NH Business Plan
- ORR Efficiency Review
- Final RIS published prior to April 2026



# Affordability: Clear Needs, Priorities and Scope

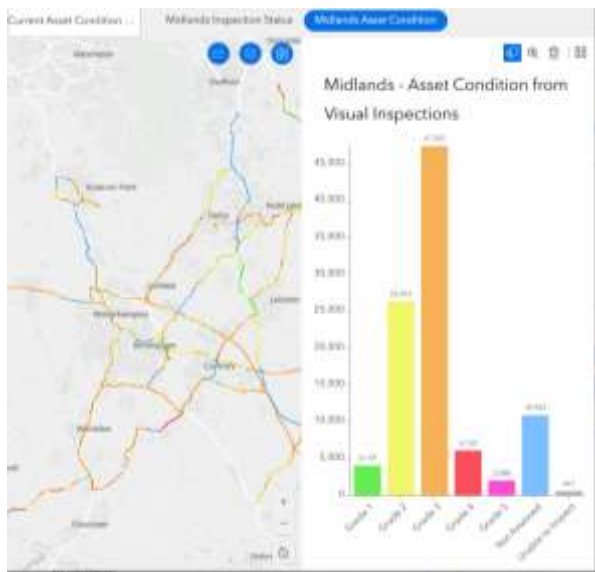


## Tools & Process

- Prioritised needs
- Prediction

## Scope

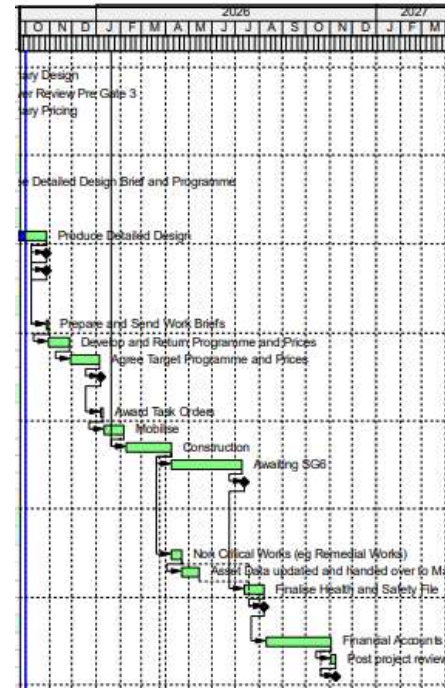
- What is needed and what is not



# Affordability: Planning and Programming

## Balance Delivery and Risk

- Programme
- Budget
- Deliverability
- Cyclical and reactive management



# Efficiency through Bunding – Example A52 Priory

- £15.2M
- Renewal of pavement, drainage, lighting,
- Improvement of footway, cycling.
- Upgrade pedestrian crossing



# Efficiencies through Approach: A49 Schemes



- Extra life - retexturing
- Targeted renewal.
- Diversion routes
- Convoy working.



# Efficiencies through Collaboration: A43 North Brook Culvert Geotechnical



- £3m Project
- Under Budget
- Ahead of Programme
- HS2 Closures

# Efficiencies through Right Maintenance: Cyclical and Minor Capital

- Right maintenance at right time
- Full carriageway closures
- Minor renewal
- Testing to give life



# Closing Remarks

## Making Highway Renewals Affordable

- Setting our plan
- Careful programming and scope
- Bundling work and collaborating
- Techniques to gain extra life and manage assets efficiently

