

# Lower Thames Crossing

Tim Jones  
Project Director

**RICHARD CHRISTIAN**

Port of Dover

# The Dartford Crossing



# A pressing need

## 50 million

crossings a year and traffic volumes are increasing

Designed for



**135,000** vehicle crossings a day

Can operate at above



**180,000** vehicle crossings a day



Has one of the highest incident rates on the strategic road network

It can take

## 3 to 5 hours

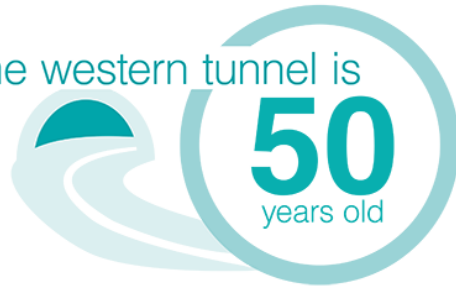
for the roads to clear following a closure

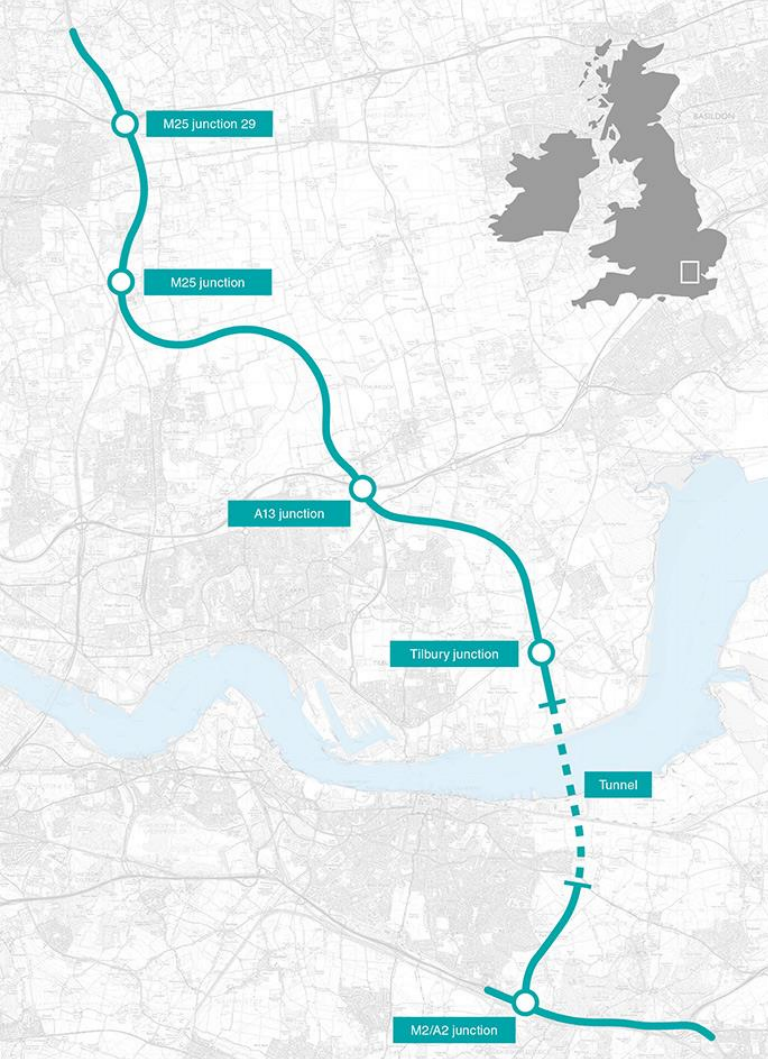


The western tunnel is

## 50

years old

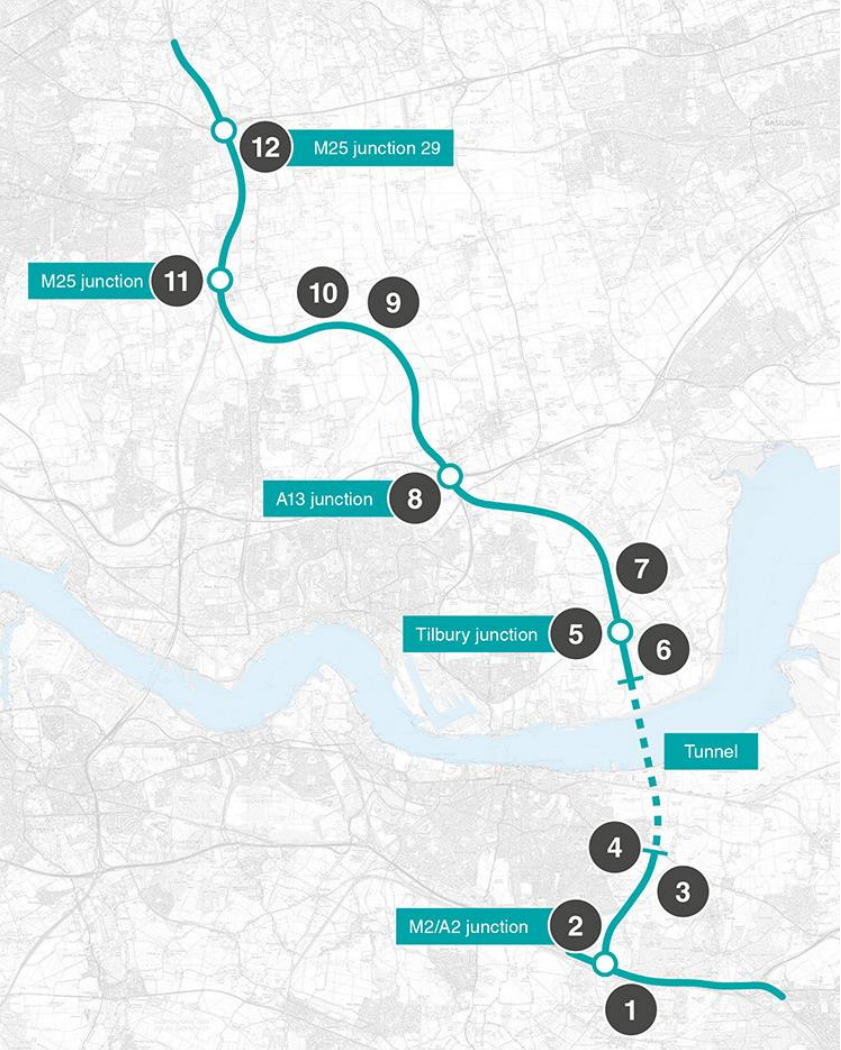




# What is the Lower Thames Crossing?

- Major new road linking Kent, Thurrock and Essex
- Longest road tunnel in the UK
- One of the world's largest bored tunnels
- Most ambitious road scheme since M25
- Connects A2/M2, A13 and M25



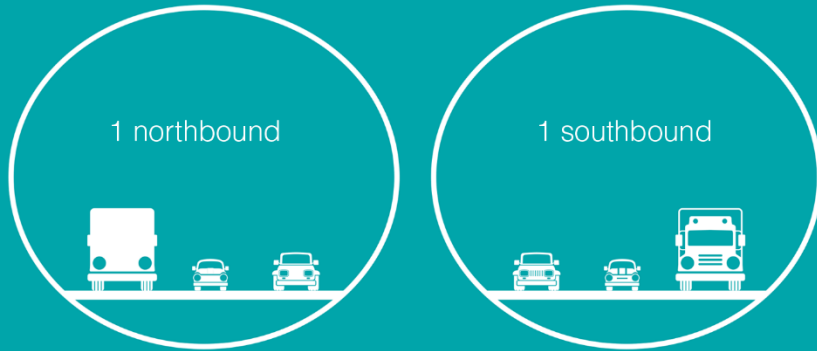


## Design changes

- M2 and A2 widened
- Tunnel 600m longer in Kent
- Rest and service area – to the west of East Tilbury
- A13 junction modified to cope with the traffic levels
- M25 corridor and M25 junction 29 widened
- Road lowered up to 6 metres at numerous locations

# Crossing under the River Thames

16 metre diameter tunnel for each direction



3 lanes in both directions

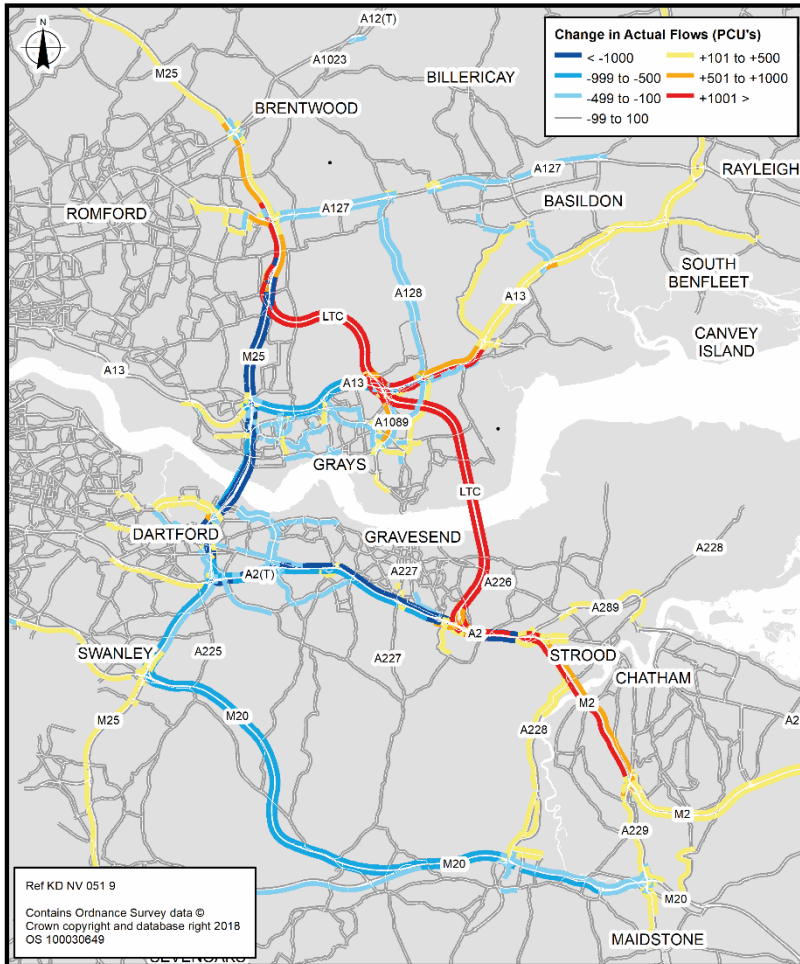


2.5 mile tunnel



14.5 miles of new roads





# Traffic stats

- LTC will increase capacity across the Thames east of London by more than 90%
- 27 million drivers will use the LTC in its first year - relieving congestion at Dartford by 22%, immediately improving journey times, resilience and reliability
- LTC route capacity which accommodates exceptional volumes of HGVs
- Local network integration which minimises community impact and rat-running



# Why the Lower Thames Crossing is so important

- Connecting communities
- Boosting local, regional and national economies
- Creating jobs
- Quicker journeys
- A resilient road network



## Local communities, landscapes and the environment

- Engaging with communities to understand their concerns and views
- Evolving the design to reduce our impacts
- Tunnelling, cuttings, green bridges and landscaping
- Comprehensive mitigations through environmental masterplan



# Building the Lower Thames Crossing



\* The start year depends on consent



# Using the Lower Thames Crossing

Likely to be a charged crossing

Open to traffic in 2027

Ready for the new generation of  
electric vehicles

Future proofed for emerging  
technology and innovation

# Our consultation

- **Launched 10 October 2018**
- Runs for 10 weeks
- Most comprehensive ever undertaken on UK road scheme
- Responses vital to development of the project
- Comprehensive package of information
- [www.lowerthamescrossing.co.uk/haveyoursay](http://www.lowerthamescrossing.co.uk/haveyoursay)



## Lower Thames Crossing

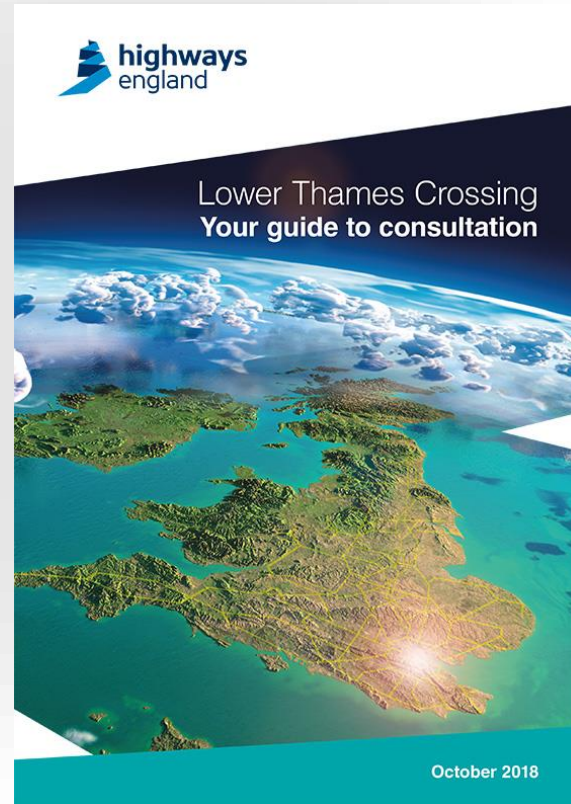


Have your say

It's your road,  
your tunnel,  
your journey

# Our consultation

- 60 events across the region
- 350,000 leaflets
- 1.5 million emails
- Digital, Out of Home and Print advertising





**PETE THOMPSON**  
George Thompson Ltd



Thank you

