

A27 Worthing-Lancing Improvements

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Introduction

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- Feasibility Study
- Road Investment Strategy
- Current work
- Suggestions from others
- Timescale

A27 Feasibility Corridor Study



Feasibility study

Considered:

- Tunnels throughout
- Combinations of tunnel, bypass and dualling
- Online dualling throughout
- Online junction improvements
- Travel demand management and public transport

Feasibility study (continued)

Options discounted at feasibility

- A number of options were discounted at the feasibility study, including:
 - Tunnel options (£1.2bn)
 - Bypass option immediately to north of Worthing-Lancing (£450m - £950m)

Feasibility study (continued)

Options considered

- Option A. based on maximising tunnelling. Estimated cost of £1,315m + additional operational and maintenance costs.
- Option F based on previous on line dualling proposals. Estimated cost range: £90m to £100m.
- Option G, based on localised widening and junction improvements. Estimated cost range: approximately £50m

Feasibility study (cont'd)

Costs and Benefits ratio (value for money)

	A Tunnelling	F (Online Dualling)	G Low Cost (Localised Improvements)
Approx cost 2014	£1.2bn - £1.4bn	£75m - £125m	£50m
BCR	0.9	6.5	6.0

Feasibility Study (continued)

- The Feasibility Study recommendation for Option F and Option G to be developed further:
 - Option F (incorporates Option G);
Online dualling and localised
Junction Improvements.

Feasibility Study (continued)

- The outcomes from the feasibility study form the basis of the Road Investment Strategy.

2014 Road Investment Strategy

Following the recent A27 Feasibility Study the DfT published the following:

“A27 Worthing and Lancing improvements – improvements to the capacity of the road and junctions along the stretch of single carriageway

2014 Road Investment Strategy

in Worthing and narrow lane dual carriageway in Lancing. The extent and scale of the improvements, including the option of full dualling, are to be agreed in consultation with West Sussex County Council and the public”

Current on-going technical work

Technical work

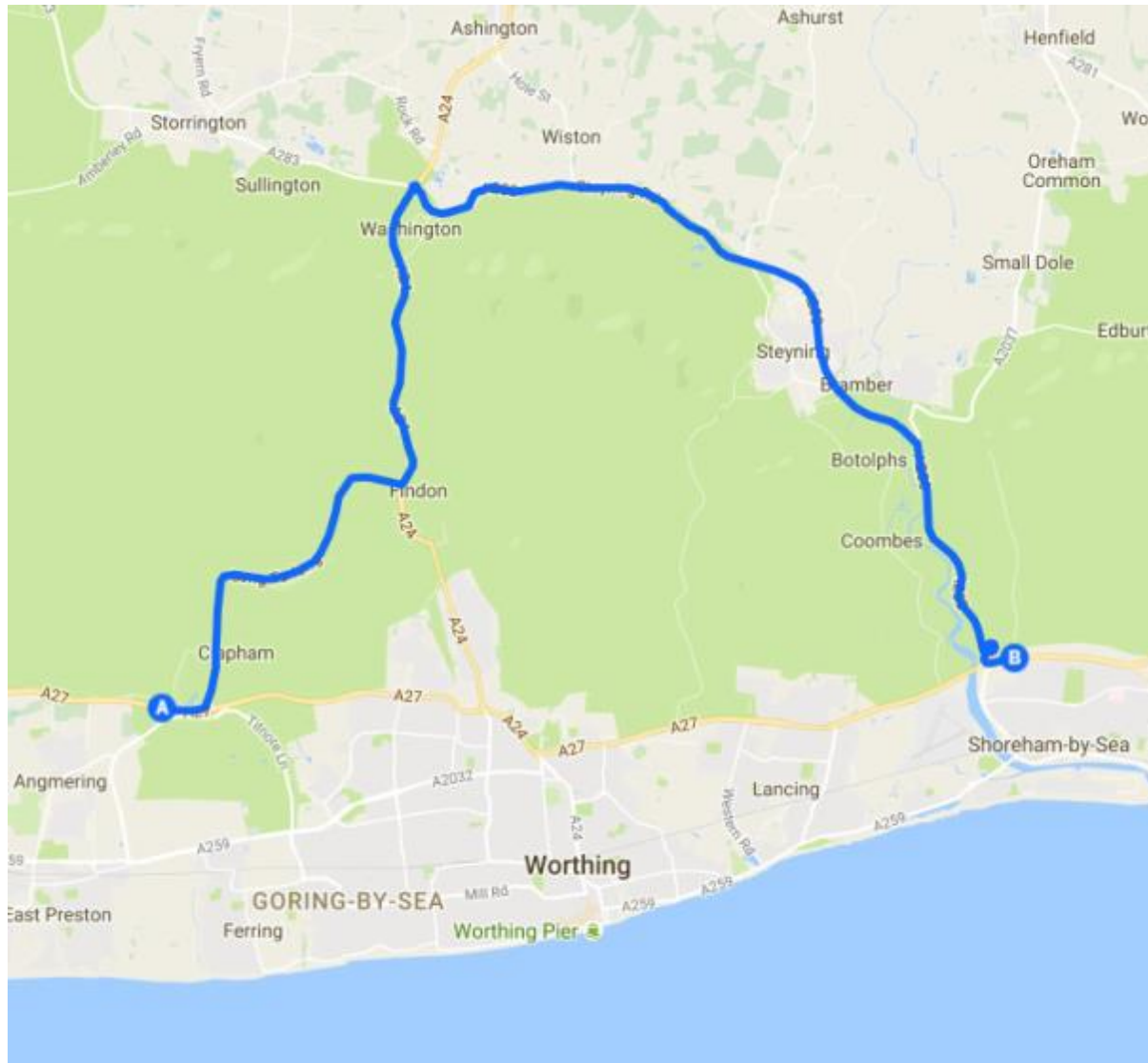
- Traffic survey - traffic count etc
- Junction Modelling
- Environmental study
- Route assessment
- Cost benefit analysis
- Stakeholder engagements

Suggestions by others

Recently put forward by some groups:

- Remote northern bypass (plan on next slide)

Worthing-Lancing remote “relief road”



Relief road

- Longer route and more expensive
- Alignment is not conducive for dual carriageway to accommodate A27 traffic, too many sharp angled bends
- Current priorities at the junctions will not cope with the traffic flow
- Currently local authority road
- Goes through SDNP land

Timescale

Timescale

Tasks	Dates
Feasibility (Corridor analysis)	2015
Develop improvement concepts and involve stakeholders in the process 2015/16	2015/16
Develop scheme options and evaluate in detail	2016/17

Timescale

Tasks	Dates
Public consultation on options	2017
Preferred route announcement	2017
Preparation for DCO application	2017/18
Statutory process – Development Consent Order (DCO)	2018/19
Start of Works	2021
Open to traffic	2023

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<http://roads.highways.gov.uk/projects/a27-worthing-and-lancing-improvement>

Questions



Thank You