

M54 to M6 Link Road

TR010054

Volume 6

6.3 Environmental Statement

Appendices

Appendix 3.1 Alternatives

Regulation 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009

January 2020

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed Forms and
Procedure) Regulations 2009**

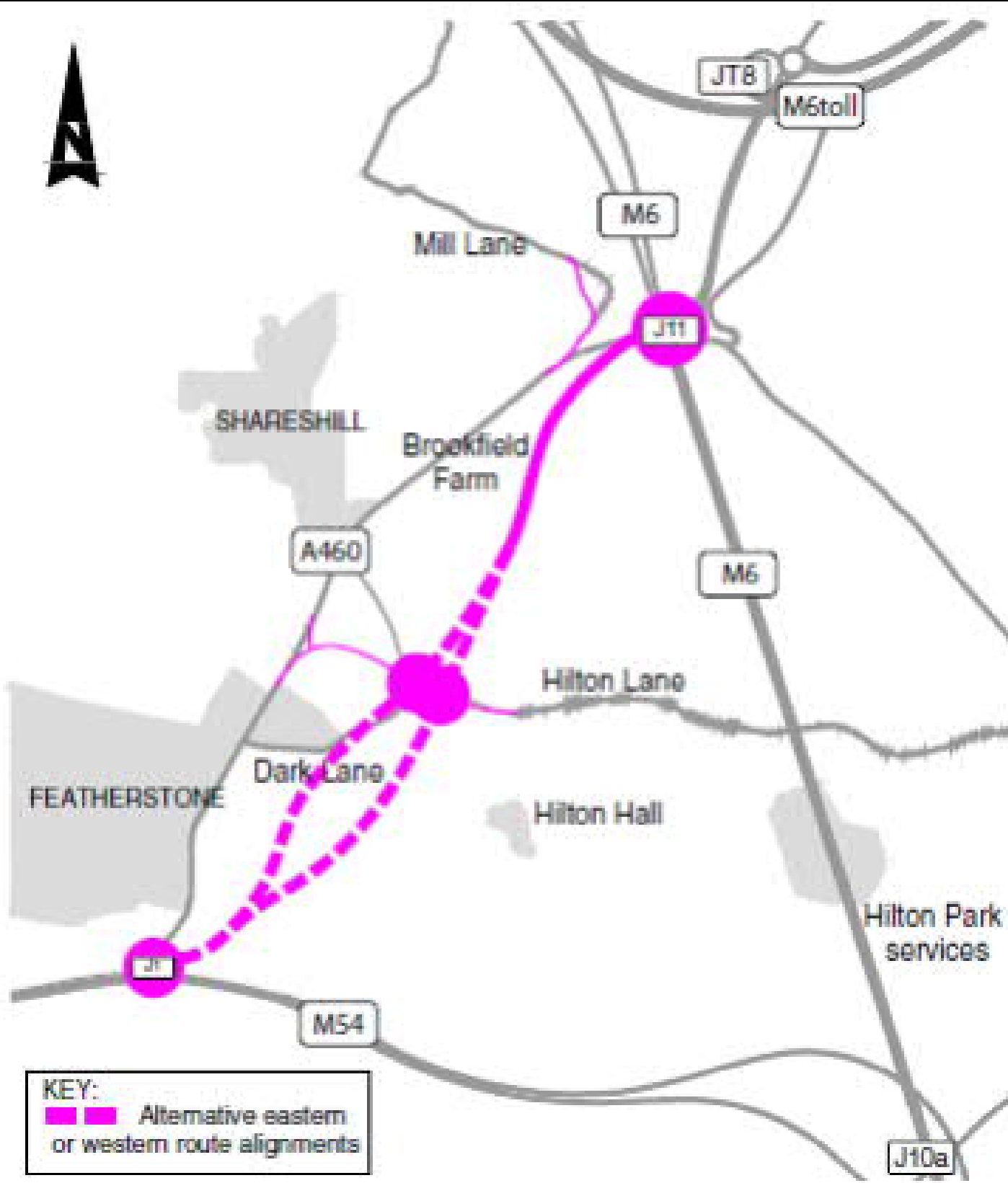
**M54 to M6 Link Road
Development Consent Order 202[]**

**6.3 Environmental Statement Appendices
Appendix 3.1 Alternatives**

Regulation Number	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference	TR010054
Application Document Reference	6.3
Author	M54 to M6 Link Road Project Team and Highways England

Version	Date	Status of Version
1	January 2020	DCO Application

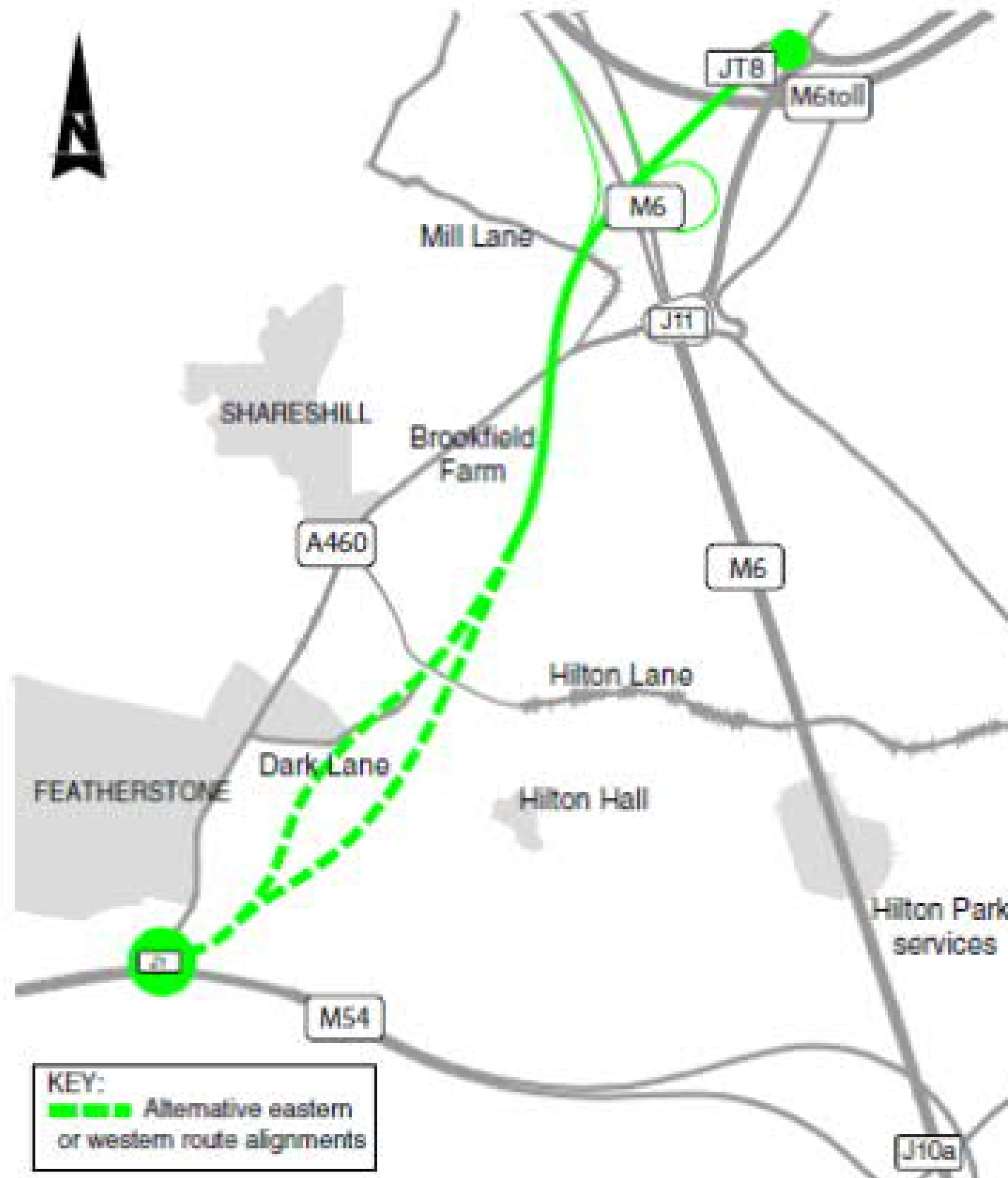
Table 3.1.1 Reasonable alternatives considered for Options A and B

Option description and layout	
<p>Option A(e) and A(w) A new dual 2-lane all-purpose link road between M54 Junction 1 and the M6 Junction 11, bypassing the villages of Featherstone and Shareshill and sited to the west of Hilton Hall. A western and eastern alignment to the south of Hilton Lane and east of Dark Lane were considered. A full junction is provided at Hilton Lane, a requirement indicated by traffic modelling due to the stopping up of the A460 at M54 Junction 1.</p>	

Option B(e) and B(w)

A new dual 2-lane link road between the M54 Junction 1 and the M6 (Toll Junction T8).

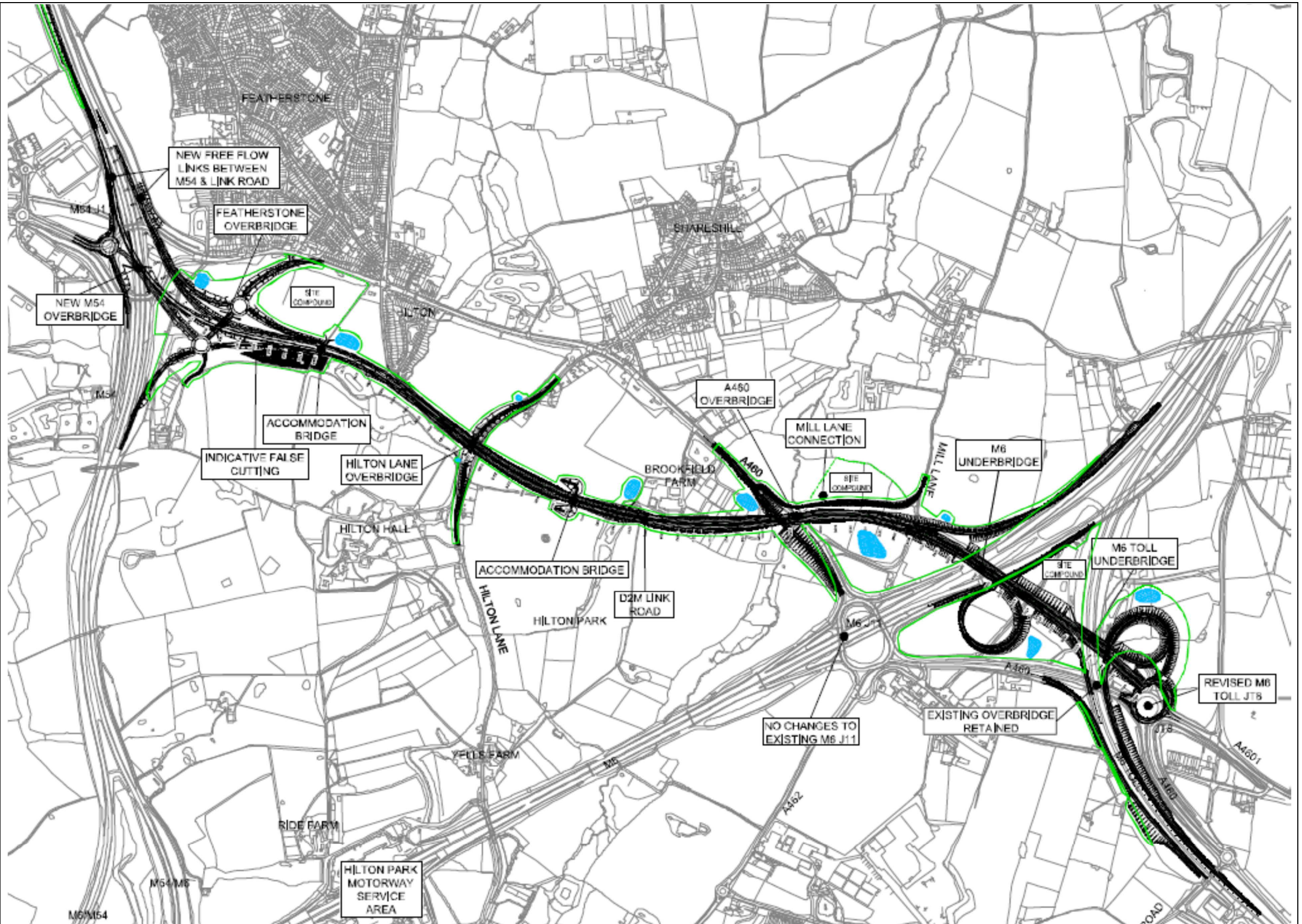
This option considered two variations in road specification; one is a dual 2-lane all-purpose road and the other a dual lane motorway.



Modified Option B(w)

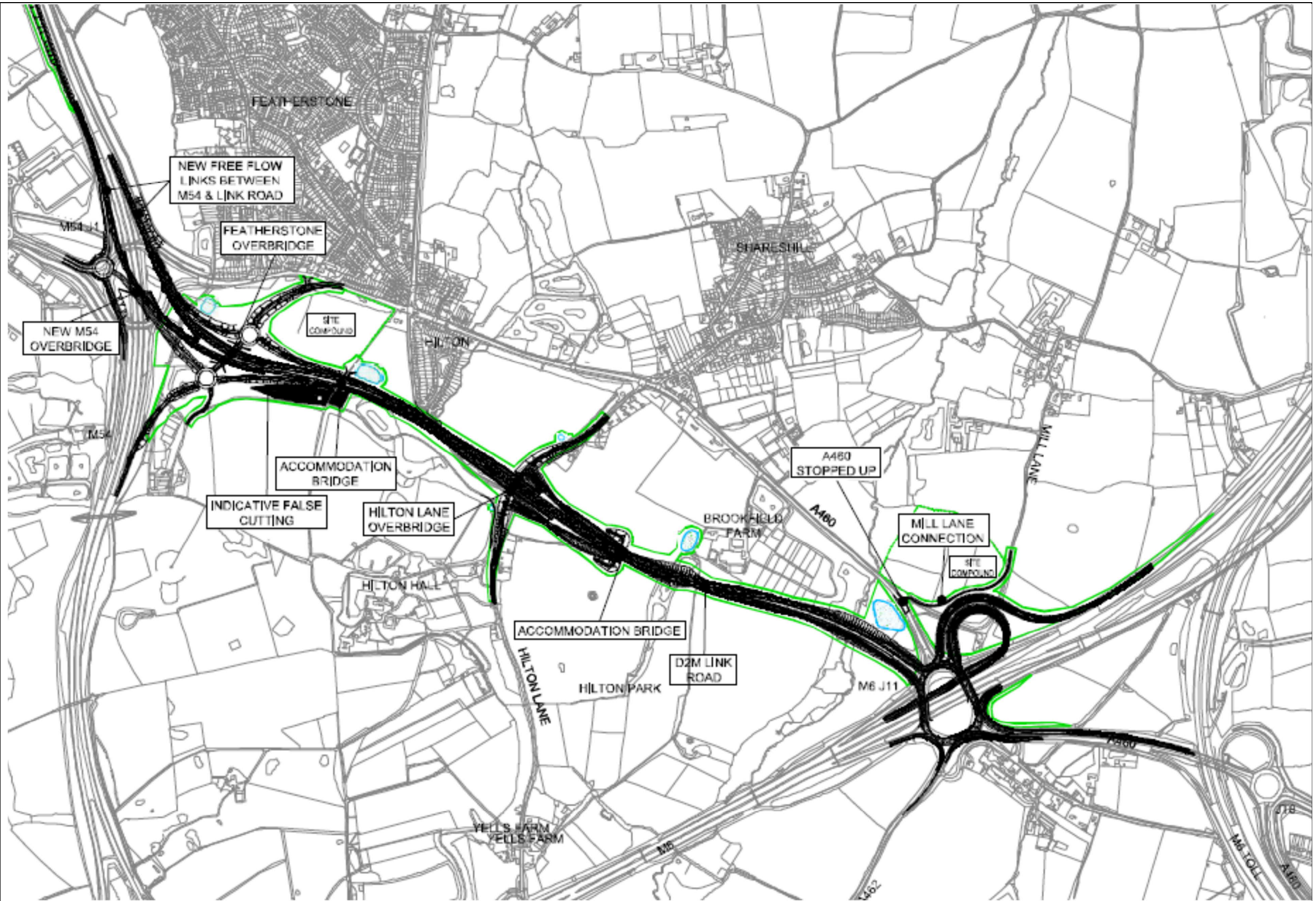
This option is an iteration of the preferred route Option B(w) from the previous option selection stage. The option would comprise a new dual carriageway link road, approximately 3.5 km (2.2 miles) in length between the M54 Junction 1 and the M6 Toll Junction T8. This would result in free flow links between the M54, M6 Junction 11 and M6 Toll motorways and the proposed link road. The 'modifications' made to the option included:

- Amendment to the vertical alignment of the link road to allow the A460 to pass over it at a similar level to existing to the south of the M6 Junction 11. This required some modifications to drainage.
- Mitigation measures were identified including mounding / false cutting in the vicinity of Hilton Hall to reduce the impact on the setting of listed buildings at Hilton Hall.



Modified Option B(w) excluding M6 Toll

This option is a variant of Modified Option B(w). This option would comprise of a new dual carriageway link road, approximately 2.5 km (1.6 miles) in length between the M54 Junction 1 and the M6 Junction 11, bypassing the villages of Featherstone and Shareshill to the east of the existing A460 and be sited to the west of Hilton Hall. This option would provide free flow links to and from the M54 and the proposed link road and connect into an improved M6 Junction 11.



**Design presented for
Statutory Consultation
(2019) – Modified Option
B(w) excluding M6 Toll**

This option would comprise of a new dual carriageway link road, approximately 2.5 km (1.6 miles) in length between the M54 Junction 1 and the M6 Junction 11, bypassing the villages of Featherstone and Shareshill to the east of the existing A460 and be sited to the west of Hilton Hall. This option would provide free flow links to and from the M54 and the proposed link road and connect into an improved M6 Junction 11.

Modifications since the Preferred Route Announcement include:

- The northbound slip road loop at M6 Junction 11 has been removed to reduce land-take to the west of the junction and this now retains a connection to the A460 west of the junction;
- The alignment of the Scheme to the east of Brookfield Farm has been moved to the west to minimise the number of ponds directly affected;
- Refinement of the alignment of Hilton Lane and removal of the mid-point junction;
- Removal of the separate accommodation bridge to the south; and
- Movement of the mainline alignment approximately 25 m to the east around Dark Lane.

