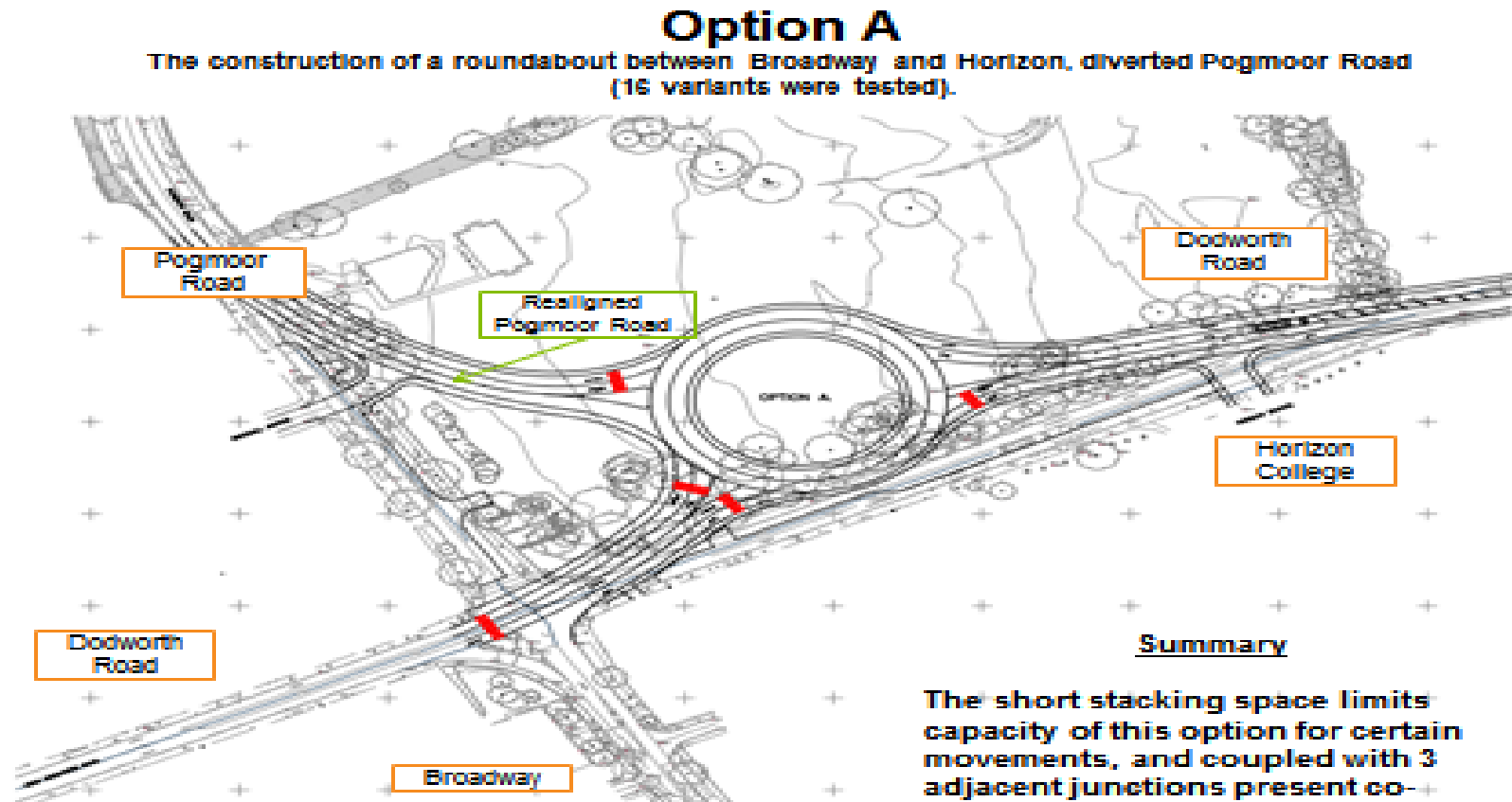


Option A

Description

New junction between the Broadway / Pogmoor crossroads and the Horizon access. Pogmoor diverted from the crossroads to join Dodworth Road at the new junction.



Summary

The short stacking space limits capacity of this option for certain movements, and coupled with 3 adjacent junctions present co-ordination challenges.

AECOM

Sub Options Assessed following a high level review of all sub options

A total of 16 sub options were tested, but only Variant 16 was taken forward following a high level review.

- VARIANT 16
- Dodworth Road / Broadway – signalised T junction as existing. Dodworth Road / Diverted Pogmoor – signalised T junction, and Dodworth Road / Horizon – signalised T junction.

Final Recommendation

Rejected

Reason

Rejected, as this option required three sets of traffic lights at Broadway, the diverted Pogmoor Road and at the Horizon College. It was difficult to obtain a suitable co-ordination, and as such queues developed on the internal links resulting in blocking of junctions.