



**Option 1**  
 Full re-alignment of existing carriageway to construct a 3m wide shared cycle path and Toucan crossing.

This option requires land acquisition on the eastern side of Colchester Road to move the carriageway to accommodate the cycle path on the western footway.

Estimated cost: £600,000 to £750,000, depending on land costs.

**Considerations:**

- Full width (3m) cycleway
- No private property land acquisition
- Passing traffic
- Limited street lighting
- On-coming traffic at night
- Cost
- Value for money

- Notes**
1. Specification for Pedestrian/Cycleway  
 25mm DBM Surface Course  
 60mm Base Course  
 150mm Type 1 Sub Base
  2. Spec for Carriageway L.b.c.
  3. New gate details as follows:  
 2no. 12ft minimum 5 bar metal gates to 24ft opening  
 Specification to Highway Construction Details Drawing No. H20

**Key**

	Existing Highway Boundary
	New Highway Boundary
	New Hedge Line
	New Pedestrian/Cycle Route
	Realigned Carriageway
	Realigned Ditch
	New Grass Verge

A Updated to answer Engineering Detail queries

Rev	Amendments	Chkd	Appd
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**Essex County Council**  
**Highways & Transportation Group**

PAUL BIRD  
 DIRECTOR FOR DEVELOPMENT HIGHWAYS AND TRANSPORTATION  
 EAST AREA OFFICE  
 910 THE CRESCENT  
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**Project**  
 University to Wivenhoe  
 Cycling & Walking Route

**Scale**  
 1:500 @ A1  
**Date**  
 June 11

**Drawing**  
 Design Proposal  
 Sheet 1 of 3

<b>Drawn by</b> RJ	<b>Checked</b> TJ	<b>Issue Auth.</b> BG
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**Drawing Number**  
 ECC/3/1716/1