

Proposed Amendment to Pedestrian Crossings, Cycle Route & Proposed Introduction of New Toucan Crossing – A132 East Mayne and Christopher Martin Road, Basildon

Statement of Reasons

Levels of nitrogen dioxide (NO₂) in the East Mayne highway corridor have been identified above legal limit. A Ministerial Direction issued on behalf of the Secretary of State at the Department for Environment, Food and Rural Affairs (DEFRA) requires Essex County Council and Basildon Borough Council to implement measures that will bring compliance in the shortest possible time with the annual mean limit for NO₂ levels set by the Air Quality Standards Regulations 2010.

Results of traffic and air quality modelling indicate that relocation of the existing north-south pedestrian and cycle route section in the central reserve of East Mayne between the southern side of Nevendon Roundabout and Sainsbury's supermarket will aid towards compliance with the Ministerial Direction in 2022 by reducing Non-Motorised Users (NMU's) exposure.

- In order to avoid risk of vehicle queuing from East Mayne on Nevendon Roundabout, it is proposed to maintain the existing pedestrian / cycle crossing of the southbound carriageway in the vicinity of Sainsbury's supermarket with modifications to widen the crossing width.
- A new pedestrian / cycle crossing of the northbound carriageway is to be provided a short distance to the north creating a staggered crossing and will maintain the existing east-west crossing link providing access between the supermarket area and Cranes Farm Industrial Estate. This will enable access to the existing north-south pedestrian / cycle path on the western side of East Mayne and improve access to the northbound bus stop to the south of the new crossing.
- The western side pedestrian / cycle route currently terminates at Christopher Martin Road and needs to connect with the existing north-south route through Nevendon Roundabout. A new section of pedestrian / cycle path is proposed to be constructed north of Christopher Martin Road with pedestrian / cycle crossing phases added to the existing traffic signals on Christopher Martin Road and East Mayne northbound carriageway at the Nevendon signalised roundabout providing connection to the existing pedestrian / cycle crossing phase on the south side of Nevendon Roundabout which forms part of the existing north-south route.