

# Basildon Enterprise Corridor



A127/A176 Upper Mayne Junctions



Cranes Farm Road (A1235)



East Mayne (A132)



Fairglen Interchange (A127/A1245)

## What's Inside:

What's the scheme all about?

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## Background to the Basildon Enterprise Corridor

Essex County Council has successfully bid under the Community Infrastructure Fund (CIF II) for a package of transport schemes to improve the A127 Basildon Enterprise Corridor, to support the largest employment zone in South Essex both now and in the future. This includes funding of £14.7m for road capacity improvements along Cranes Farm Road and East Mayne, together with

improvements to the A1245/A127 Fairglen and the A127/A176 Noak Bridge junctions.

These improvement schemes complement other improvements planned for the Thames Gateway area including major investment at the Sadlers Farm junction, an extension to Roscommon Way on Canvey Island, and other significant schemes currently in development.

# What's the scheme all about ?

### Scheme Consultation

A series of public exhibitions outlining these proposals were held in March 2009 where the scheme could be viewed in detail, with members of the project team present to answer questions. Information leaflets were sent to the frontages affected including businesses within the Cranes Farm Road and the Burnt Mills Industrial Estates. Further information on the scheme can be found at [www.essex.gov.uk/bec](http://www.essex.gov.uk/bec).

### Timetable for delivery and procurement

Works on the Fairglen junction began in May 2009, and were completed in August 2009. Advance works on the diversion of the utility services including gas and water for the remaining elements of the scheme began in April 2009, with the aim for completion prior to the majority of works which commenced in January 2010.

The remaining three larger scheme packages (Cranes Farm Road, East Mayne and A127/A176 junction) are being progressed as a single scheme, with the site construction process taking around 16 months. Construction is planned for completion in early 2011. Carillion have been appointed to undertake these works on behalf of the County Council.



Fairglen Slip Road Under Construction



The Completed Fairglen Junction

# Specific Programme of Works

All works have been planned to minimise any negative impacts to traffic during the construction process, ensuring a continuation of existing capacity where possible. Where overnight closures are proposed, an alternative diversionary route will be sign-posted.

The programme of works is highlighted below under the specific scheme package:

## East Mayne

- Construction began in January 2010, and is due to be completed in May 2010.
- General lane restrictions commenced on 12th February 2010.
- Road closures when necessary will be in place overnight (21:00 – 05:30hrs).
- A temporary 30mph speed limit will be in place throughout these works to ensure the safety of the workforce.



East Mayne/Paycocke Road junction

## Cranes Farm Road

- Construction began on the 22nd February 2010, and is due to be completed by early January 2011.
- Road closures when necessary will be in place overnight (21:00 – 05:30hrs).
- A temporary 30mph speed limit will be in place throughout these works to ensure the safety of the workforce.



Cranes Farm Road

## A127/A176 Upper Mayne junctions

- Construction is scheduled to commence on 9th June 2010, and is due to be completed by early November 2010.
- Road closures when necessary will be in place overnight (21:00 – 05:30hrs) on the A127/A176 on-slip/off-slip road.
- Temporary speed limits will apply at selected locations when appropriate to ensure the safety of the workforce.



Northern section of the Upper Mayne junction



# Scheme Elements

The project consists of four highway improvement packages around the Basildon Enterprise Corridor.

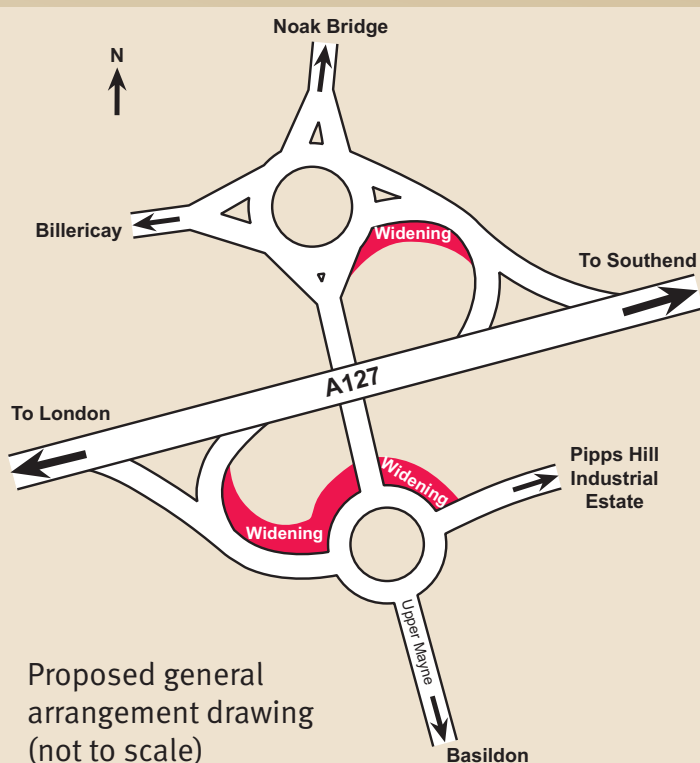


Upper Mayne junction with Noak Bridge

## 1. A127/A176 Upper Mayne junctions

A suite of measures to improve traffic flow and capacity including:

- Widening of the off-slip lane from the A127 from a single lane to two lanes.
- Automatic queue detection and advance warning signs on the slip lanes.
- Dedicated left turn lane onto the A176 towards Billericay from the southern roundabout.
- Widening of the approaches to the roundabouts for the section of the A176 running beneath the A127.
- Improved signage and improvements to the existing footpath and footbridge over the A127.
- Installation of full-time responsive traffic lights at the southern roundabout.
- Safer walking routes north and south of the roundabout junctions.



Proposed general arrangement drawing (not to scale)



Noak Bridge approach





Cranes Farm Road looking West



Cranes Farm Road junction with East Mayne

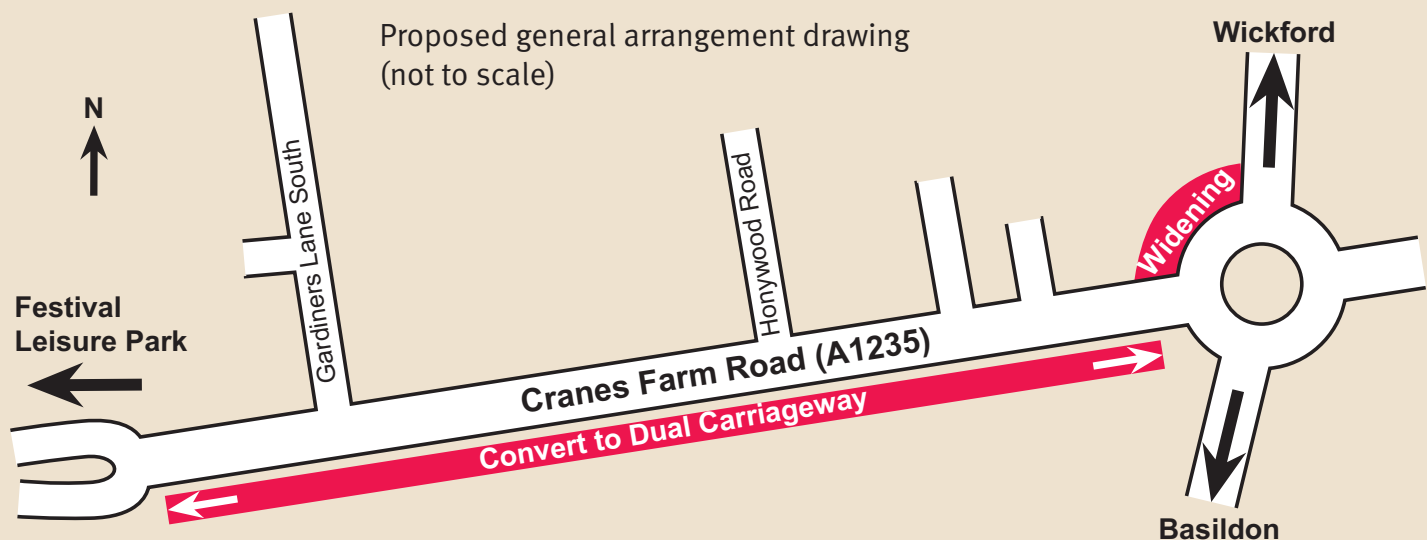


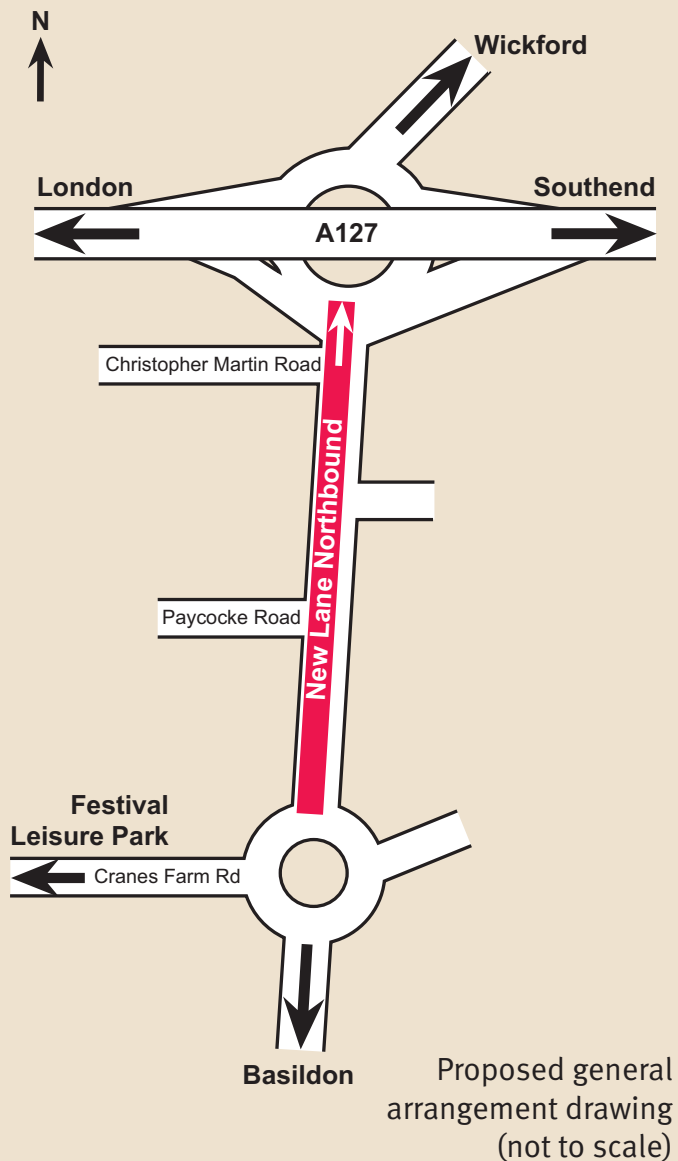
Cranes Farm Road looking West

## 2. Cranes Farm Road (A1235)

Dualling of the easternmost section of Cranes Farm Road (A1235) from the west of Gardiners Lane South to East Mayne including:

- Widening of Cranes Farm Road to a dual carriageway standard between the New Holland Tractor plant boundary and East Mayne (a combination of widening to the south and north within existing Highway boundaries).
- Creation of a central reservation, to offer safe segregation between opposing vehicle flows.
- Improvements to the Cranes Farm Road junction with Gardiners Lane South.
- Formation of a new freight routing strategy for vehicles wishing to access Cranes Farm Industrial Estate.
- New toucan crossing west of the junction with East Mayne.
- Enhancements to the existing footway and cycleway along the south side of Cranes Farm Road (from its junction with East Mayne to the existing crossing at Cranes Close).
- Improvements and upgrading of existing pedestrian signal crossings on Cranes Farm Road.
- A dedicated left turn link from Cranes Farm Road (A1235) eastbound to East Mayne (A132) northbound.





### 3. East Mayne (A132)

Northbound road capacity enhancements along East Mayne (A132) between Cranes Farm Road and the Nevendon interchange (A127) including:

- Provision of a new third lane in the northbound direction from Cranes Farm Road to the Nevendon interchange.
- Relocation of the existing bus stop on the northern approach to Nevendon Interchange to a more accessible location for the benefit of bus users.



### 4. Fairglen Interchange (A127/A1245)

Efficiency improvement measures at the Fairglen Interchange (A127/A1245) to facilitate north to westbound traffic movements, consisting of:

- A dedicated left turn link from the A1245 northbound to the A127 westbound towards Basildon.
- Relocation of a short section of the existing surface water drainage system.
- Improvements to the roundabout with greater utilisation of the road space through amended kerb lines and road markings.





## Project team movers & shakers!

Whilst a scheme of this nature quite literally involves a number of people from the various disciplines of planning, designing, public relations and general project management, some of the key individuals are as outlined below:

<b>Paul Bird</b>	Essex County Council, Project Executive – Director of Highways and Transportation
<b>Chris Stevenson</b>	Essex County Council, Project Executive – Head of Transportation
<b>Sean Perry</b>	Essex County Council, Project Executive
<b>Ian Allen</b>	Essex County Council, Project Director
<b>Olu Soyoye</b>	Essex County Council, Client Project Manager
<b>Anthony Buston</b>	Essex County Council, Assistant Client Project Manager
<b>David Brown</b>	Carillion Project Manager
<b>David Walker</b>	Mouchel, Site Supervisor

**We hope you found this leaflet useful.  
Please let us know your thoughts.**

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