

## How to get involved

Respond to this consultation using our online form at:

[www.devon.gov.uk/haveyoursay](http://www.devon.gov.uk/haveyoursay)

And select 'Transport and Roads' Or scan this QR code:



Due to the current COVID-19 pandemic, no physical consultation events will be held. If you have any questions, please contact [Urban.FringeTeam@swdevon.gov.uk](mailto:Urban.FringeTeam@swdevon.gov.uk) or phone 0345 155 1004.

If you require more information, or a different format, please use the contact details above to discuss your requirements.

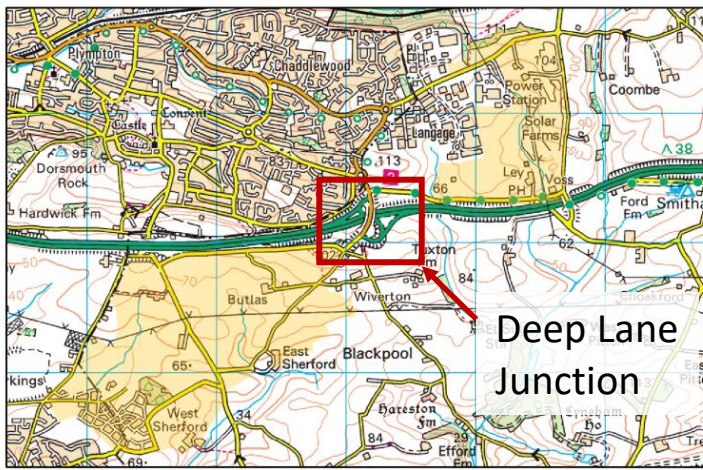
## The new bridge

The most likely construction will be a steel Warren truss bridge. This is the most economical solution for the span length and allows prefabrication off site with one or two road closures of the A38 for it to be lifted into place, thus limiting the disruption to the A38.



Warren truss bridge at Tithebarn, Exeter being craned into place over the M5

## Location



Planned extent of Sherford New Community and Langan Employment Site  
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## Next Steps

The project team will review responses to appreciate opinion on the options. This will be considered alongside other factors affecting the delivery of the scheme.

## Deep Lane Junction A38 Cycle & Pedestrian Bridge



Have your say: 13<sup>th</sup> December 2021 – 23<sup>rd</sup> January 2022

## The problem

The A38 segregates the communities of Plympton and Chaddlewood and Langan industrial estate from Sherford, Elburton and Plymstock. The A38 crossing that links these locations, at Deep Lane Junction, does not provide a modern segregated route for cyclists or pedestrians.

The Deep Lane bridge is busy with vehicles and it is not thought possible to make necessary improvements to provide a pleasant experience for cyclist or pedestrians. Hence, options to provide a new bridge over the A38 for sole use by non-motorised users are being looked at.



Existing Deep Lane Bridge

## The opportunity

Devon County Council, South Hams District Council and Plymouth City Council are looking at infrastructure at this location as part of the [Plymouth and South Devon Freezone](#) (freeport) proposal.

The Freezone project looks to enable development of employment sites at Langan and Sherford. Linking the communities and employment sites with a bridge over the A38 will enable people to live and work on either side of the A38 and be able to get to work sustainably. It will also help the wider network for cyclists looking to move around this area.

## Public Consultation

Devon County Council are holding a public consultation between 13<sup>th</sup> December 2021 and 23<sup>rd</sup> January 2022, seeking the views of local stakeholders, businesses and residents.

# Consideration of the Options

## Option A Route

DESCRIPTION: New bridge located over the west end of A38 eastbound off slip. Route length approximately 660m

### POSITIVES:

- Route does not need crossing points associated with Deep Lane slip roads
- Bridge span would be approximately 40m

### NEGATIVES:

- Challenge in establishing route to north associated with 15m height difference between Wolverwood Lane and level of A38
- Disruption and removal of established vegetation on both sides of the A38, with potential impact on screening
- Potential to feel isolated in sections of route
- There would be a need to acquire land

## Option B Route

DESCRIPTION: New bridge parallel to existing overbridge. Route length approximately 550m

### POSITIVES:

- Shortest route and follows desire line, potential to be perceived most functional route for commuter users. North of Deep Lane connects well with existing paths
- Natural surveillance for the majority of route ensuring users feel safer
- Land owned by National Highways

### NEGATIVES:

- Need to cross the A38 westbound on and off slips. This would require a signalised crossing, created by adding a phase to the existing signalised junction
- Disruption and removal of established vegetation on both sides of the A38
- Limited space beside curving Deep Lane bridge to locate the straight bridge, with large bridge span required

## Option C Route

DESCRIPTION: New bridge east of Deep Lane junction. Route length approximately 1000m (1450m to connect to Sandy Road)

### POSITIVES:

- Good potential for connection into Langage in future
- Route does not need crossing points associated with Deep Lane slip roads
- Bridge span would be approximately 40m

### NEGATIVES:

- Not an existing route desire line, longest route and 'switch backs' required to cater for change in levels
- Potential to feel isolated in sections of route
- Construction close to overhead electrical lines
- There would be a need to acquire land

