



Democratic and Member Support

Chief Executive's Department
Plymouth City Council
Ballard House
Plymouth PL1 3BJ

Please ask for Helen Wright

T 01752 304022

E Democratic Adviser

www.plymouth.gov.uk/democracy

Published 02 November 2017

PLACE AND CORPORATE OVERVIEW AND SCRUTINY COMMITTEE

Wednesday 1 November 2017

1.00 pm

Warspite Room, Council House

Members:

Councillor Bowie, Chair

Councillor Ball, Vice Chair

Councillors Carson, Churchill, Sam Davey, Fletcher, Fry, Mavin, Morris, Penberthy and Storer.

Please find attached additional information for your consideration under agenda item 7.

Tracey Lee

Chief Executive

Place and Corporate Overview and Scrutiny Committee

Agenda

7. Transport Infrastructure (presentation):

(Pages 1 - 16)

Place and Corporate Overview and Scrutiny Committee, 1st November 2017



Major Strategic Transport Schemes



Paul Barnard
Sally Farley
Adrian Trim



Traffic Management



- **General Issues**
- As the JLP is delivered and Plymouth Grows, so too will the demands for travel.
- The network is sensitive
- There is an existing historic lack of resilience in the network
- There are multiple demands on access to the network.
- Usually there is a need to keep traffic moving at the same time as undertaking the works.
- E.g. there are up to 4,000 vehicles per hour passing through the works at Derriford Roundabout

Traffic Management



- **How is the Traffic Management Agreed?**
- There is extensive consultation before a major scheme is delivered
- Local knowledge and feedback is incorporated into the design process
- During detailed design for major schemes a Traffic Management Plan is prepared by the contractor
- Contractor's TM Plan is submitted for approval by the Network Manager.
- Before moving to implementation on the ground, the Portfolio Holder oversees the final arrangements.
- Whole series of communications and publicity undertaken before works commence.
- Mandatory to advertise diversions and road closures in the press in advance of a scheme - so people know what is happening when.

Traffic Management

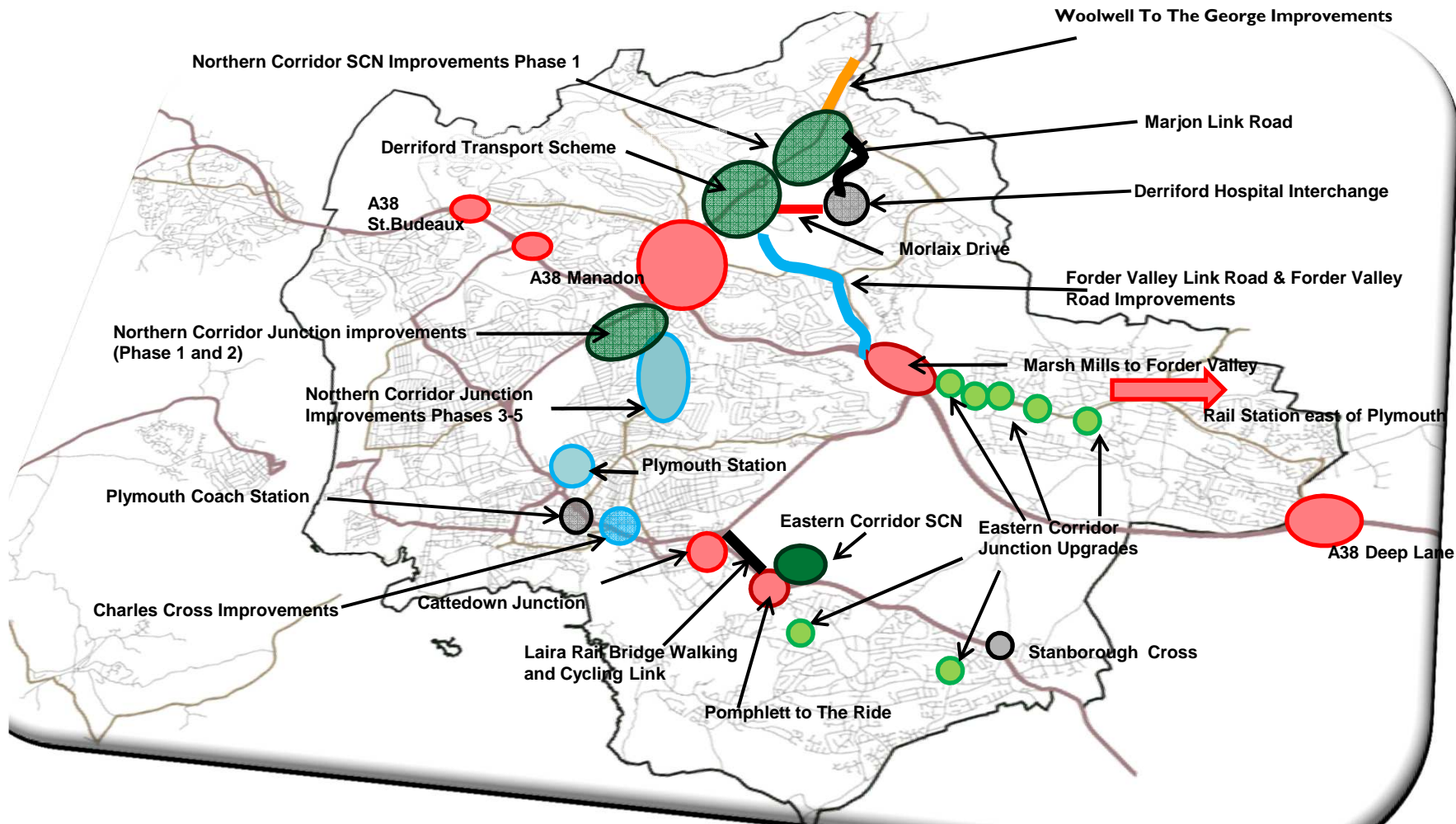


- **During construction**
- Traffic Management needs to be adaptable and responsive to:
 - Driver behaviour
 - Progression of works
 - Unforeseen circumstances
 - Issues elsewhere on the network
 - Start/end of school holidays or Christmas
- TM performance is constantly monitored and revised
- Need to ensure network is as efficient as possible for example changing of signal timings to 'flush' traffic through

- Completed schemes (2015 – 2016)
- Schemes in delivery phase Growth Deal 1 (2017-2018)
- LTB or DfT Funding secured (Business Case approved) (2017 -2021)
- LTBoR DfT Funding approved subject to PE & Full Business Case(2017-2019)
- On PCC Capital Programme scheme in early design stage (2019-2021)
- “Pipeline of schemes” for future Growth Deals/RIS/GHF (2020 onwards)



Tavistock Rail



Transport Investment in the city

| Schemes delivered/in delivery | External bid funding | Total Cost |
|--------------------------------|----------------------|--------------|
| Marjon Link Road | £1.05m | £2.3m |
| Plymouth Coach Station | - | £4.9m |
| Derriford Hospital Interchange | £1.4m | £2.32 |
| Derriford Transport Scheme | £10.16m | £13.29m |
| Northern Corridor Junctions | £2.1m | £3.34m |
| Eastern Corridor Junctions | £2.1m | £3.92m |
| Northern Corridor Cycle Way | £2.46 | £3.47m |
| Eastern Corridor Cycle Way | £3.42 | £4.9m |
| Charles Cross | £2.1m | £4.8m |
| Forder Valley Link Road | £22.5m | £33.4m |
| Forder Valley Interchange | £5m | £8.5m |
| Morlaix Drive | £3.3m | £5m |
| Woolwell to the George | TBC | £15.7m |
| Plymouth Station | £5.5m | £48m |
| Total | £61m | £154m |

Update: Derriford Transport Scheme



- **Still anticipated to be delivered on time (end of March)**
- **William Prance Road to be opened for westbound traffic today**
- **Signals problems at Derriford Roundabout**
 - Electrical problems at large, complicated junction - 4 days to repair all cables/circuits affected
- **Temporary Signals at Sendall's Way**
 - Sendalls Way was included in the Derriford Transport Scheme as a late addition
 - Designed so that if the impact was severe this element could be postponed
 - Persistent fault in the cabling of the temporary signals at Sendalls Way over 3 days
 - The contractor Amey was unable to address the problem
 - Works now postponed and will be undertaken separately at a later date

Update: Outland Road



- Scheme largely complete
- Minor 'snagging' changes to be completed end of November

Update: Charles Cross Transport Improvement Scheme



- Successful LTB Outline Business Case September
- Public consultation September

Total cost :
£4.8m

Construction:
2018 - 2019



Update: Forder Valley Link Road



- Successful bid to DfT for £22.5m already achieved
- Awaiting outcome of Growth and Housing Fund bid for £4.5m

Total cost:
£33.4M

Construction anticipated :
2018 – 2020



Update: Forder Valley Interchange

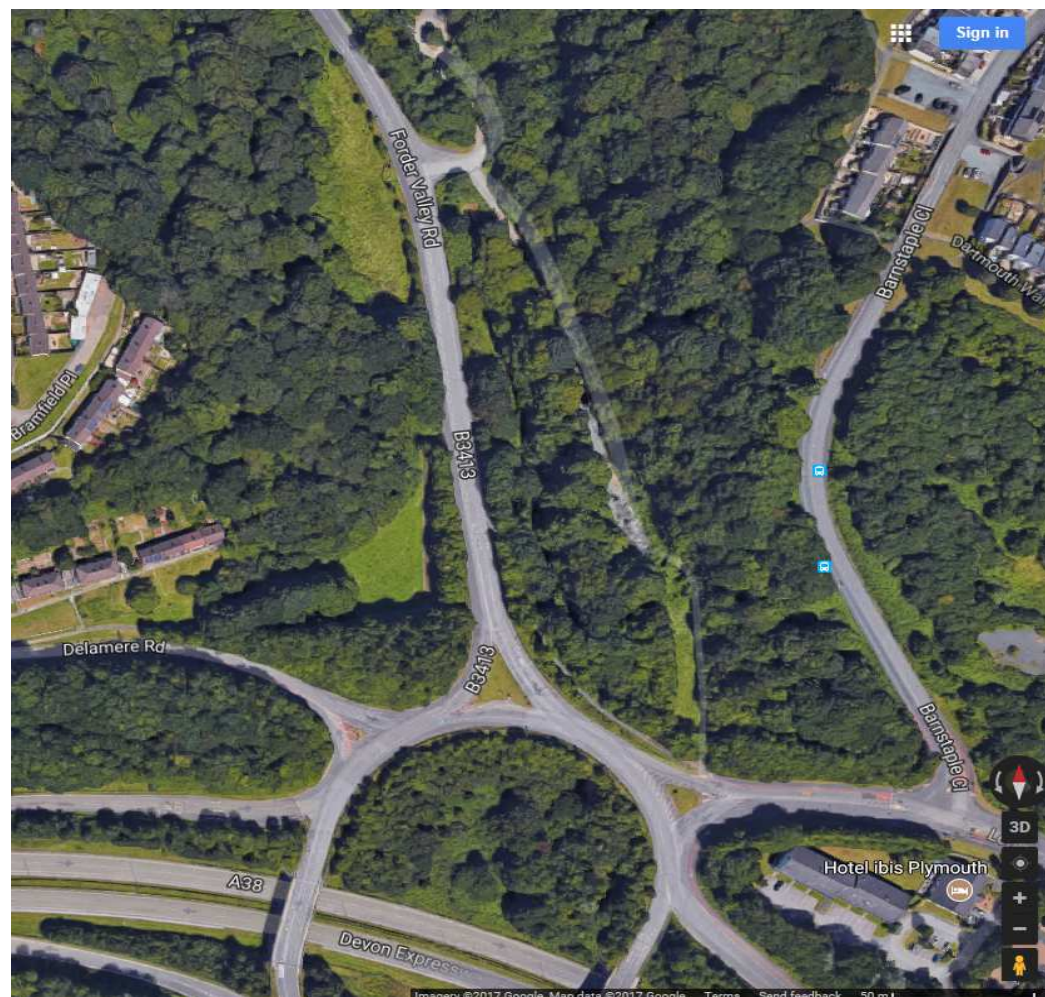


- Forder Valley interchange at intersection of Forder Valley Road and A38.
- Successful Bid to Department for Transport National Productivity Investment Fund (NPIF).
- Can now be delivered with Forder Valley Link Road

Total cost : £8.5 Million

NPIF : £5 Million

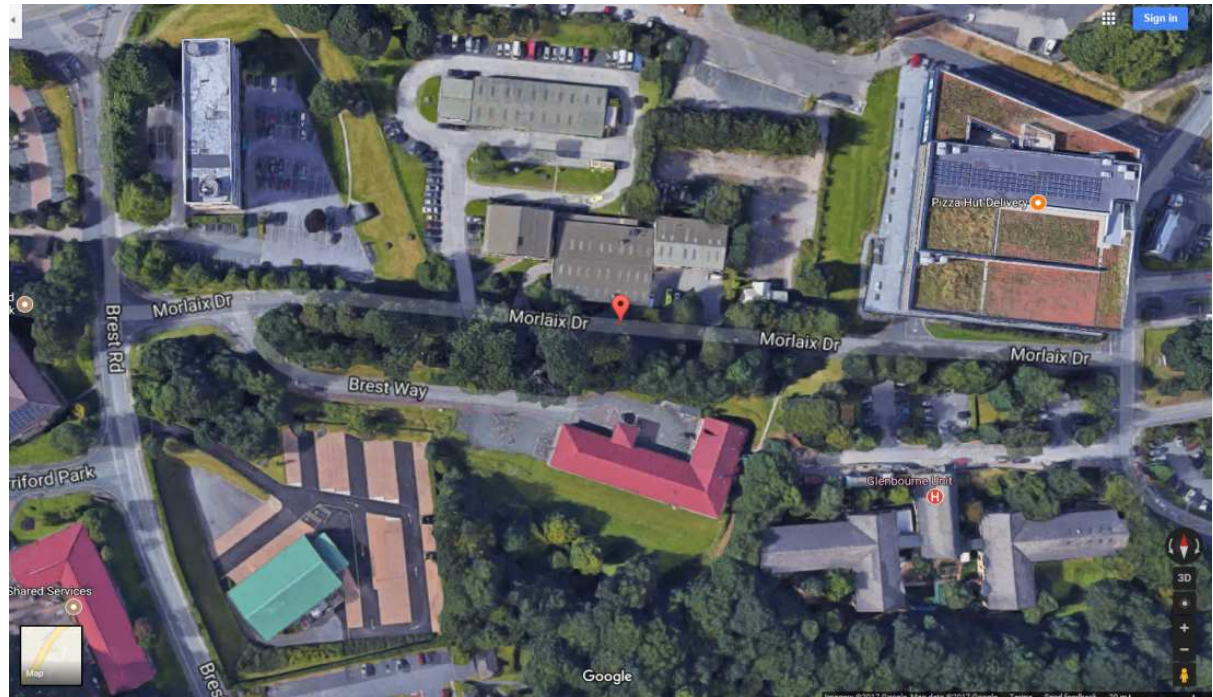
Construction: 2018 - 2020



Update: Morlaix Drive



- Successful Bid to Department for Transport's National Productivity Investment Fund
- Funding up to March 2020



Total cost : £5 Million

NPIF: £3.3 Million

Construction: 2019 - 2020

Update: Woolwell to the George



- Currently out for public consultation
- Bid to Highways England Growth and Housing Fund
- Bid to Housing and Infrastructure Fund
- £15.7 Million scheme



Actions from the last Scrutiny meeting



- **Earlier engagement with ward councillors at concept stage e.g. Member walkabouts.**
 - Early engagement for Eastern Corridor Junction Improvements for Plympton and Plymstock Councillors
 - Ward Councillor walkabout for Mannamead Road scheme
 - Ward Councillor walkabout for Charles Cross transport scheme
 - Member Briefing for Charles Cross:
 - Members attending = 0
 - 2 x Member briefings for Woolwell to the George:
 - Members attending = 7

Actions from the last Scrutiny meeting



- **In-house arrangements for the co-ordination of Traffic Management.**
 - To be implemented as new projects come forward
 - Bretonside /Viaduct /Charles Cross co-ordination by Network Manager
- **Cross boundary co-ordination of schemes.**
 - New Urban Fringe Delivery Team established for the delivery of Sherford
- **extended hours working ensuring value for money and public amenity.**
 - E.G. night working on DTS increased from 2/3 nights per week to 5 nights per week.

This page is intentionally left blank