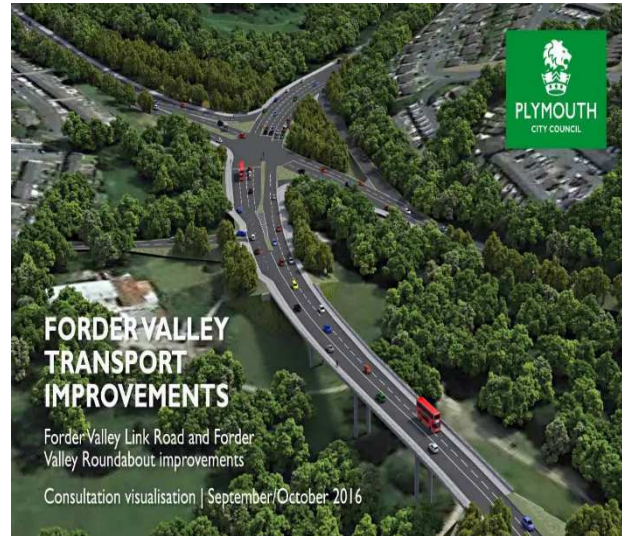


# Place and Corporate Overview and Scrutiny Committee, 1<sup>st</sup> November 2017



## 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



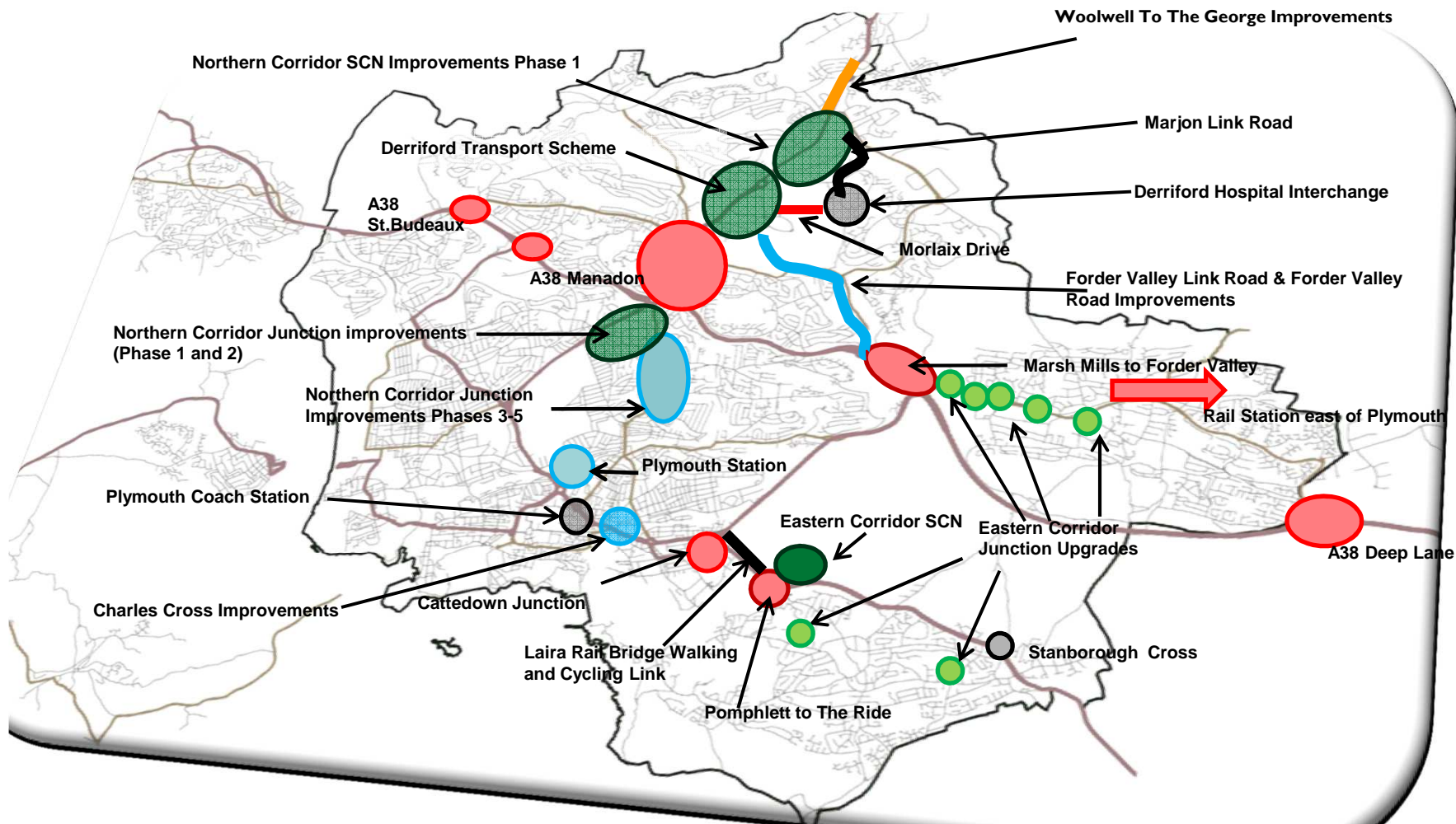
- **During construction**
- Traffic Management needs to be adaptable and responsive to:
  - Driver behaviour
  - Progression of works
  - Unforeseen circumstances
  - Issues elsewhere on the network
  - Start/end of school holidays or Christmas
- TM performance is constantly monitored and revised
- Need 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



<b>Transport Investment in the city</b>		
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
<b>Total</b>	<b>£61m</b>	<b>£154m</b>

# 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

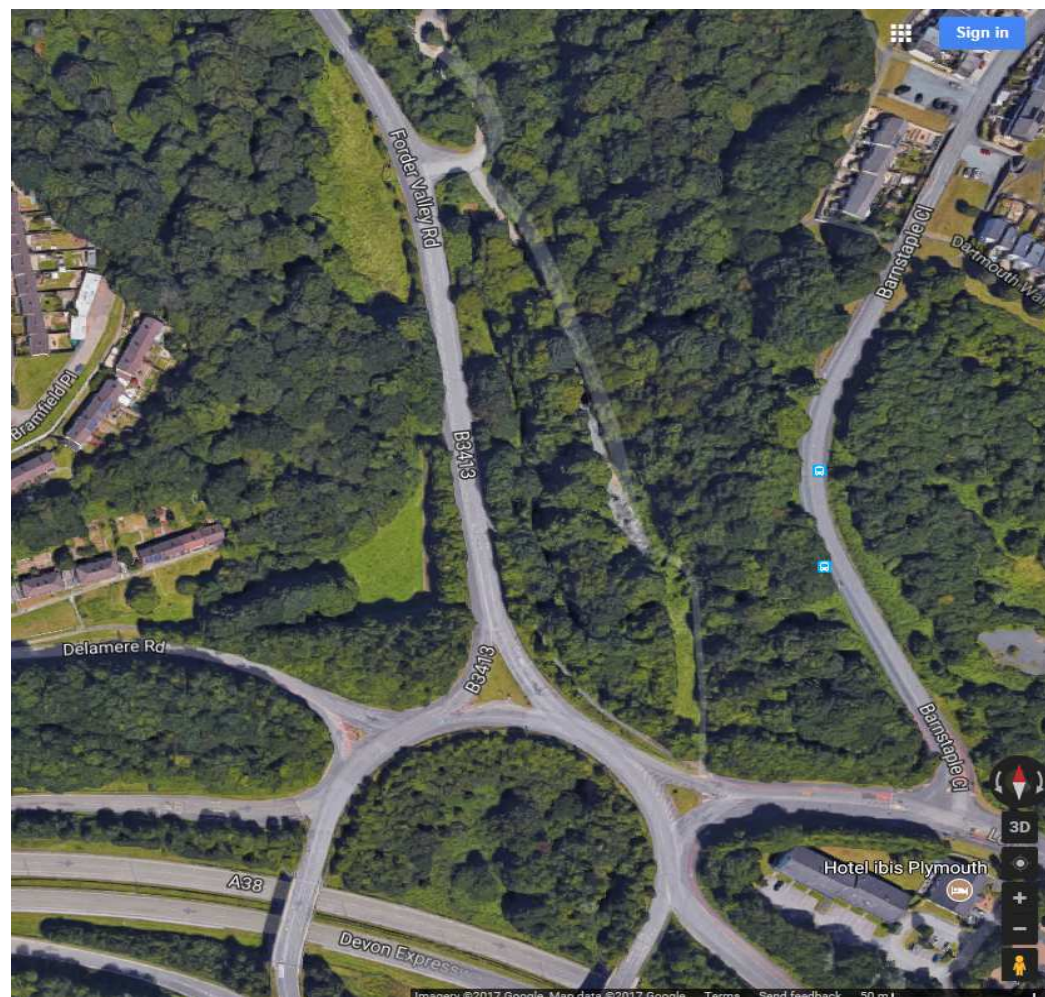


- Forder Valley interchange at intersection of Forder Valley Road and A38.
- Successful Bid to Department for Transport National Productivity Investment Fund (NPIF).
- Can now be delivered with Forder Valley Link Road

**Total cost : £8.5 Million**

**NPIF : £5 Million**

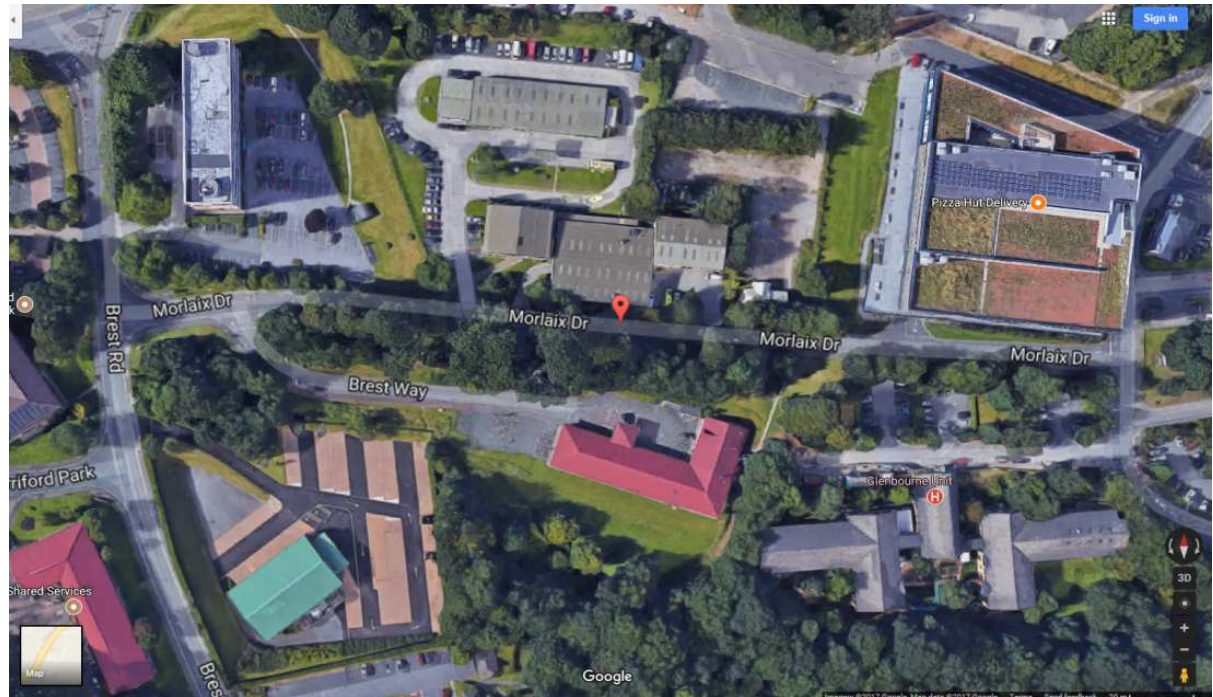
**Construction: 2018 - 2020**



# 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.