

Planning Devon's Transport

Tiverton Civic Society

Tuesday 15th September 2015

Stuart Jarvis –Transport Planning Officer

Overview

- My Background
- Planning Process
- Traffic Modelling
- Option Assessment
- Stakeholder Engagement

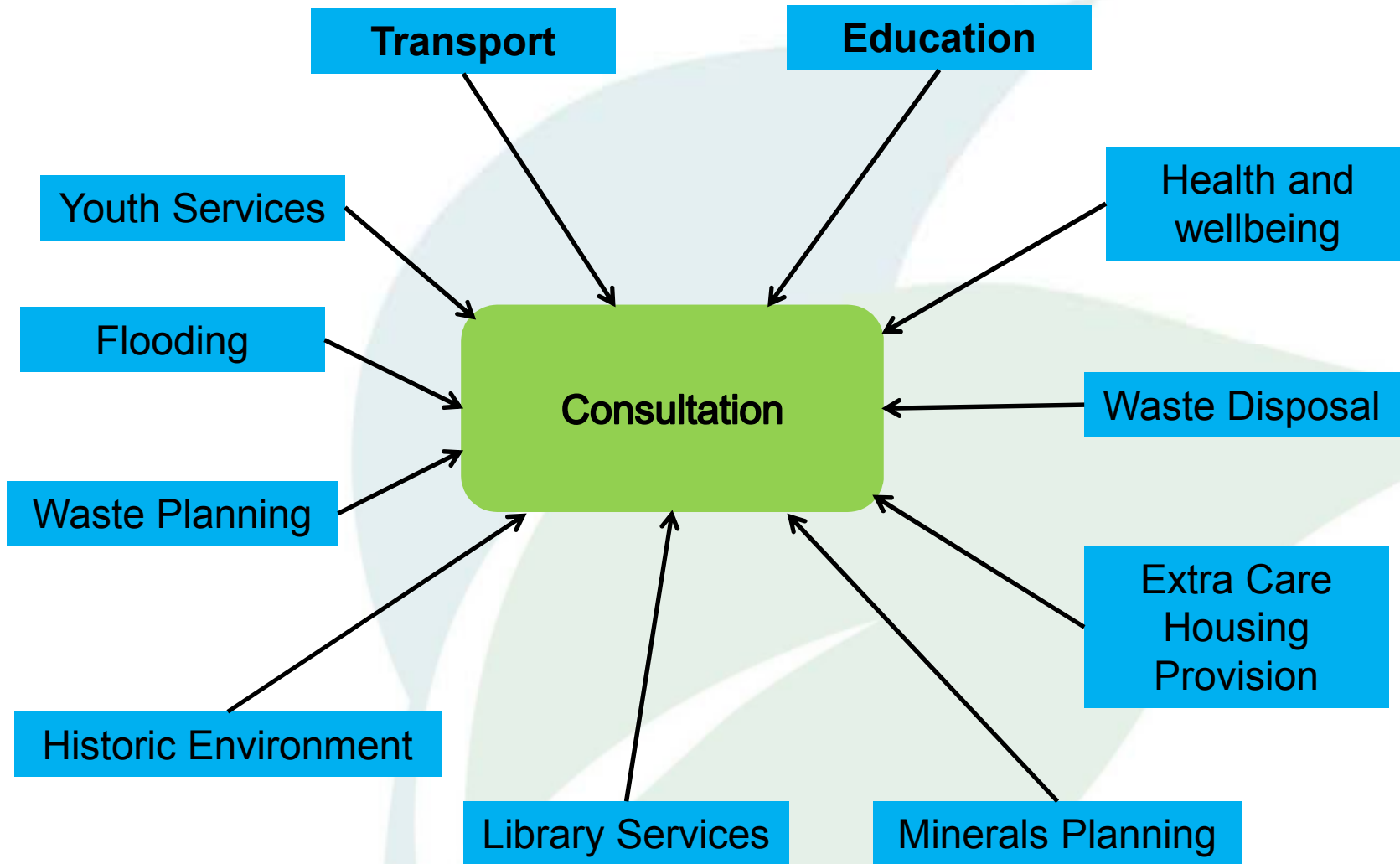
My Background

- Graduated 2010 with BSc in Mathematics from Exeter University
- Started as Graduate Trainee at DCC 2010
- Graduated with MSc at Southampton University in Transport, Planning and Engineering 2013

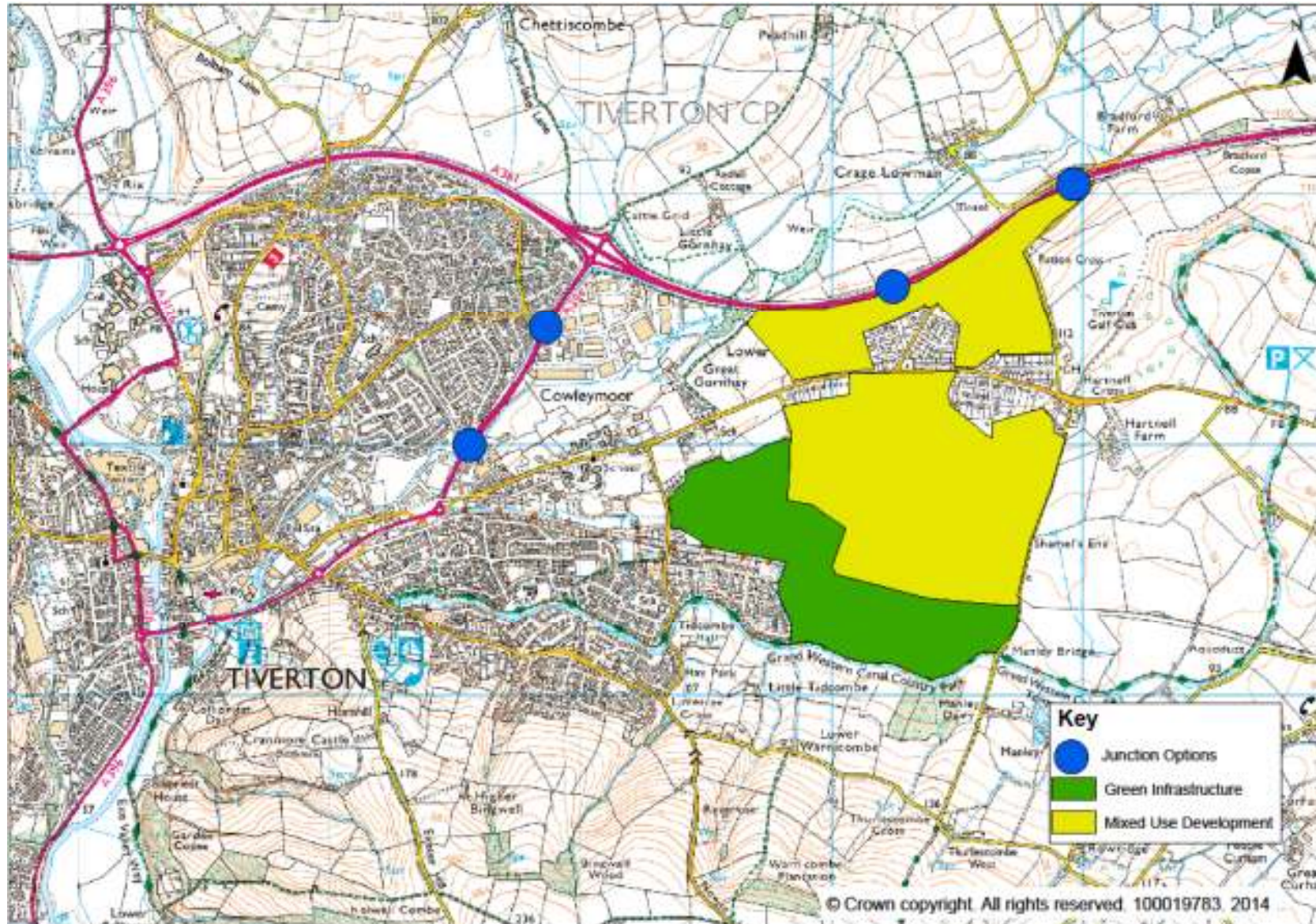
Planning Process



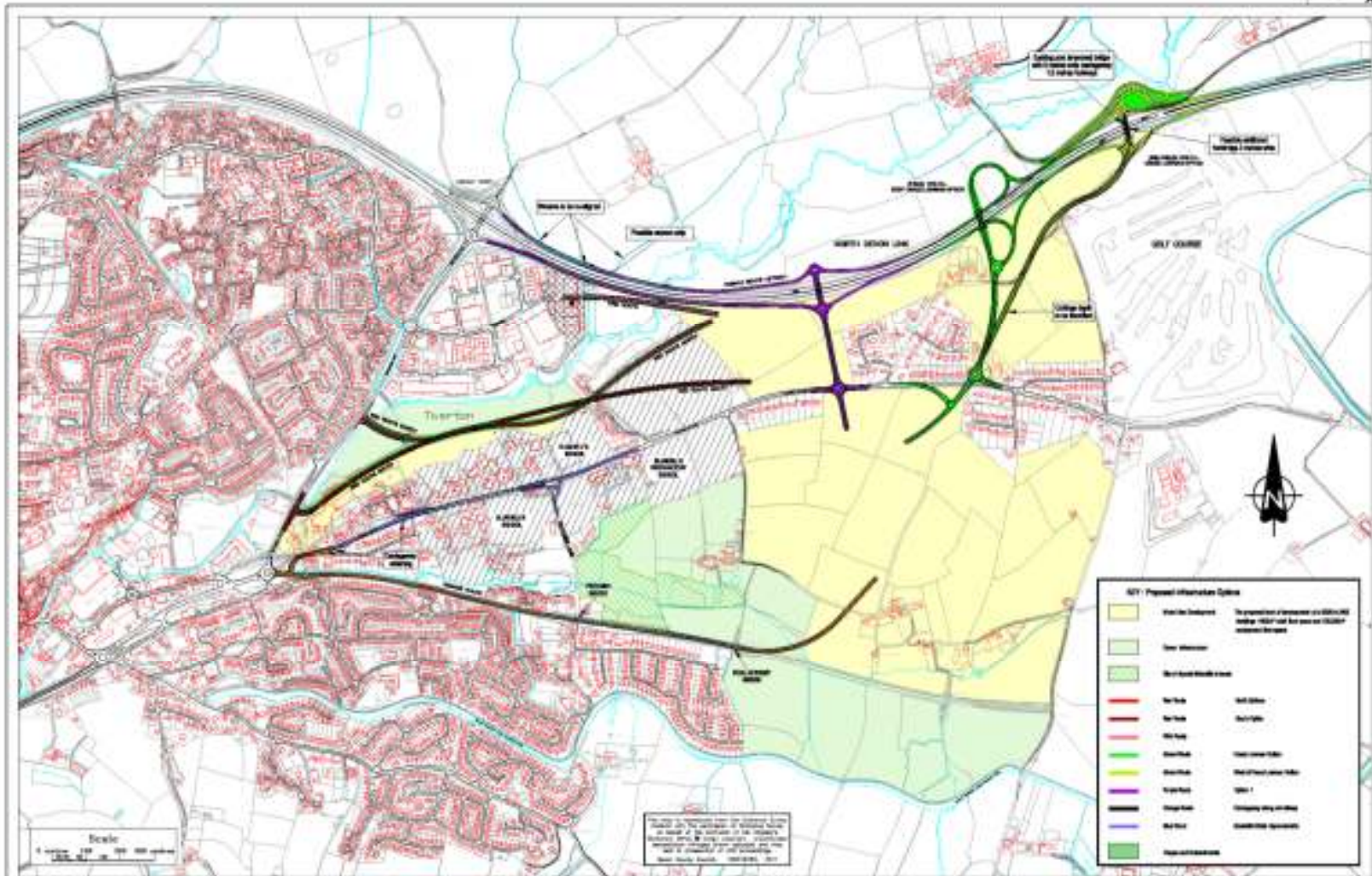
DCC Input



Tiverton Plan



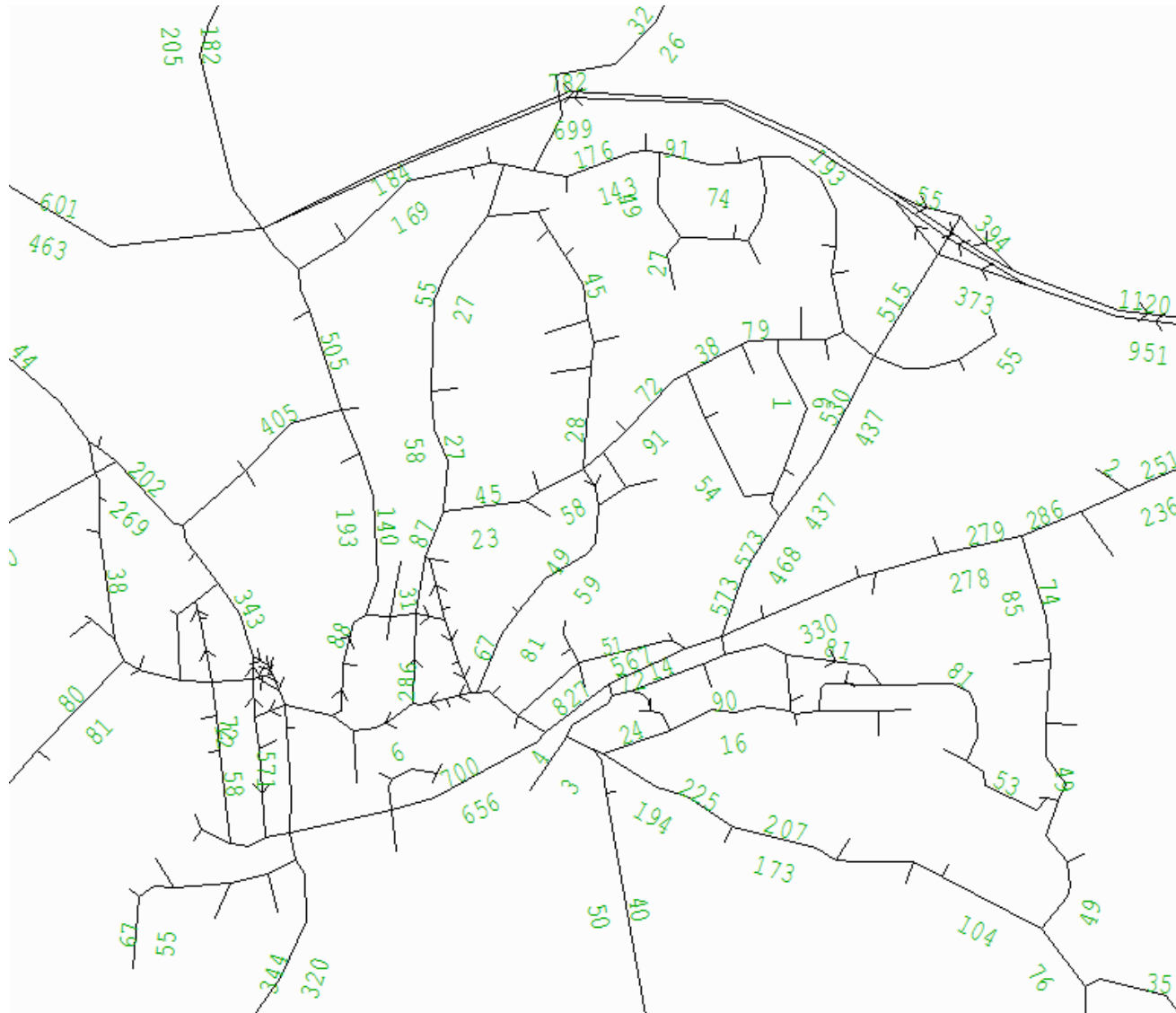
Access Options



Data Collection

- Roadside Interviews
- Traffic Counts
- Automatic Number Plate Recognition
- Build Base Traffic Model

Traffic Model



Development Traffic

- Online TRICS database

	Arrivals			Departures		
	AM	IP	PM	AM	IP	PM
Housing (per dwelling)	0.14	0.19	0.37	0.39	0.19	0.21
Employment GFA (per 100m ²)	1.26	0.26	0.13	0.15	0.29	1.02
School (per pupil)	0.30	0.05	0.02	0.20	0.05	0.03

- Distribution – Census Data
 - Local Data

Option Testing

- Traffic Model Results – Queues
- Journey Time/Distance
 - Safety
 - Economic Appraisal

- Engineering Results – Environmental Impacts
- Land Ownership
 - Buildability/Cost

DCC Consultation

- Highways England
 - Network Rail
 - Environment Agency
 - Landowners/Developers
 - Local Businesses
 - Public
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Any Questions?