

HAMPSHIRE COUNTY COUNCIL**Decision Report**

Decision Maker:	Executive Member for Economy, Transport and Environment
Date:	26 November 2015
Title:	Project Appraisal: Privett Road/Anns Hill Road Junction Improvements, Gosport
Reference:	7108
Report From:	Director of Economy, Transport and Environment

Contact name: Brandon Breen

Tel: 01962 846239

Email: brandon.breen@hants.gov.uk

1. Executive Summary

- 1.1. The purpose of this paper is to provide details of a proposed scheme to create a second lane on the approach to the Anns Hill Road/B3333 Privett Road junction in Gosport. The existing traffic signals at the junction will be upgraded to incorporate MOVA technology (Microprocessor Optimised Vehicle Actuation) which will improve the responsiveness of the signals to traffic demand and reduce existing queues and delays.
- 1.2. The existing uncontrolled pedestrian crossings on all four arms of the junction will be upgraded to puffin signal controlled crossing points to improve overall pedestrian safety.
- 1.3. Alternative Options Considered and Rejected:

Other options were previously considered and one option was to provide a bus lane within Anns Hill Road. This was rejected due to the width constraints within the road as well as the prohibitive costs. An option to optimise the existing configuration of the traffic signals at this junction was also dismissed as the optimisation would be minimal and only provide short term improvement.
- 1.4. Scheme success will be measured based on traffic monitoring/modelling of peak time queues etc after implementation. The personal injury accident record will also be monitored and compared to pre-delivery data.

2. Background

- 2.1. The Gosport Peninsula suffers from congested and constrained access and poor journey time reliability, exacerbated by significant levels of out commuting on the three main routes onto the peninsula. Poor accessibility within Gosport discourages new employment from locating in the Borough and also causes retention difficulties with businesses moving out. The development of a comprehensive, reliable public transport system linking bus, rail and ferry is essential to help overcome current congestion problems, and remove transport barriers to economic growth and development to help reverse the decline of this area.
- 2.2. To assist in addressing these issues, Phase 1A of the South East Hampshire Bus Rapid Transit Network Eclipse Service (E1 and E2) was completed in April 2012 and provides a dedicated bus-way along the disused railway corridor for a section between Fareham and Gosport. Phase 1A has proved successful, and plans to extend the dedicated bus-way southwards towards Gosport town centre and the ferry, on and off road, would provide route continuity and an extension of journey time reliability.
- 2.3. A number of junctions on the E1 and E2 routes, from the southern end of the bus-way to the Gosport Ferry, were identified as significant delay points. The traffic signal controlled junction at Anns Hill Road/ Privett Road/ The Avenue has been identified as one of these key delay points for the Eclipse services.
- 2.4. The Anns Hill Road/B3333 Privett Road/The Avenue junction is at the southern end of Ann's Hill Road and is generally a 7.5m wide road, with one lane in each direction and a right turn lane, northbound, into the main entrance for the Gosport War Memorial Hospital and car park. There is a 58 metre parking bay located outside properties 238 to 256 Anns Hill Road, opposite the hospital entrance. Limited parking is available outside the shops, just to the north of the hospital on the southbound side of Anns Hill Road. From Cheriton Road south, there are double yellow lines on both sides of Anns Hill Road with loading restrictions within the vicinity of the junction. Housing, several shops, bus stops and amenities, including the War Memorial Hospital, are located within close proximity to the junction.
- 2.5. Pedestrian footways are provided on both sides of Anns Hill Road and the B3333. On-road advisory cycle lanes are provided on both sides of the B3333, Bury Road. However, these do not continue through the junction. An advisory cycle lane is also provided eastbound on the B3333 Privett Road. The existing traffic signals do not incorporate a pedestrian crossing phase. However, all the arms have uncontrolled crossing points. A new uncontrolled crossing pedestrian refuge was provided on The Avenue arm in 2013.
- 2.6. In addition to the BRT Eclipse, four other bus services operated by First pass through the Ann's Hill Road/B3333 Privett Road/The Avenue junction. There are currently no bus lanes on Anns Hill Road, the B3333 Bury Road, or the B3333 Privett Road.

2.7. In the most recent five year recording period (01/08/10 – 31/07/15) there have been five personal injury accidents, four of which were slight and one serious. One of the accidents involved a pedestrian crossing the B3333 Privett Road junction where there is presently no formal traffic signal controlled crossing point.

3. Finance

3.1	<u>Estimates</u>	<u>£'000</u>	<u>% of total</u>	<u>Funds Available</u>	<u>£'000</u>
	Design Fee	83.8	29	LTP	25
	Client Fee	8.8	3	Developer Contribution	155
	Supervision	6.0	2	District Contribution	100
	Construction Land	191.4	66	Local Resources	10
	Total	<u>290</u>	<u>100</u>	Total	<u>290</u>

3.2	<u>Revenue Implications</u>	<u>£'000</u>	<u>% Variation to Committee's budget</u>
	Net increase in Current expenditure	3.1	0.003
	Capital Charges	24.0	0.015

4. Programme

Gateway Stage				
	3- Project Appraisal	Start on Site	End on Site	4 - Review
Date (mm/yy)	11/15	03/16	06/16	06/17

5. Scheme Details

5.1. A location plan and proposal plans are attached as Appendices.

5.2. The scheme proposes to create a second lane on the southbound approach to the Anns Hill Road/B3333 Privett Road junction in Gosport. The existing traffic signals at the junction will be upgraded to incorporate MOVA

(Microprocessor Optimised Vehicle Actuation) technology, improving the responsiveness to traffic demand and improving existing queues and delays experienced by all road users.

- 5.3. The existing uncontrolled pedestrian crossings on all four arms of the junction will be upgraded to Puffin signal controlled crossing points to improve overall pedestrian safety.

6. Departures from Standards

- 6.1. None.

7. Community Engagement

- 7.1. Consultation was undertaken via letter drops to local residents and businesses in the local vicinity of the junction. This also included the War Memorial Hospital.
- 7.2. A further letter drop exercise will be undertaken to all the affected residents and businesses nearer the time of construction to advise them of the upcoming works.
- 7.3. As there are no associated Traffic Regulation Orders as part of this scheme, no other statutory procedures will be needed. The local County Members Peter Edgar and Christopher Carter support the scheme.
- 7.4. Gosport Borough Council officers and local members are aware of the scheme and requested that the four proposed Puffin crossing points be included in the detailed design.

8. Statutory Procedures

- 8.1. None.

9. Land Requirements

- 9.1. None.

10. Maintenance Implications

- 10.1. There will be a minor increase in overall long term maintenance cost due to the addition of the proposed second southbound traffic lane in Anns Hill Road. The upgrade of the existing traffic signal equipment and other associated work at this junction will also impact slightly on future years' maintenance where the overall net increase in maintenance will be approximately £3,100 annually, which will be met within existing budgets.

11. Recommendations

- 11.1. That the Project Appraisal for the proposed Junction Improvements at Anns Hill Road and B3333 Privett Road / Bury Road and The Avenue in Gosport be approved, as outlined in this report.
- 11.2. That approval be given to procure and spend and enter into necessary contractual arrangements to implement the proposed improvements to the junction with Anns Hill Road/B3333 Privett Road/Bury Road and The Avenue (Gosport), as set out in this report, at an estimated cost of £290,000 to be funded from developer contributions, Local Transport Plan, District Council (Gosport) contributions and local resources (Operation Resilience).
- 11.3. That authority to make the arrangements to implement the scheme, including minor variations to the design or contract, be delegated to the Director of Economy, Transport and Environment.

LTP3 Priorities and Policy Objectives

3 Priorities

To support economic growth by ensuring the safety, soundness and efficiency of the transport network in Hampshire

Provide a safe, well maintained and more resilient road network in Hampshire

Manage traffic to maximise the efficiency of existing network capacity, improving journey time reliability and reducing emissions, to support the efficient and sustainable movement of people and goods

14 Policy Objectives

- Improve road safety (through delivery of casualty reduction and speed management)
- Efficient management of parking provision (on and off street, including servicing)
- Support use of new transport technologies (i.e. Smartcards; RTI; electric vehicle charging points)
- Work with operators to grow bus travel and remove barriers to access
- Support community transport provision to maintain 'safety net' of basic access to services
- Improve access to rail stations, and improve parking and station facilities
- Provide a home to school transport service that meets changing curriculum needs
- Improve co-ordination and integration between travel modes through interchange improvements
- Apply 'Manual for Streets' design principles to support a better balance between traffic and community life
- Improve air quality
- Reduce the need to travel, through technology and Smarter Choices measures

Promote walking and cycling to provide a healthy alternative to the car for short local journeys to work, local services or school

Develop Bus Rapid Transit and high quality public transport in South Hampshire, to reduce car dependence and improve journey time reliability

Outline and implement a long term transport strategy to enable sustainable development in major growth areas

Other

Please list any other targets (i.e. National Indicators, non LTP) to which this scheme will contribute.

CORPORATE OR LEGAL INFORMATION:**Links to the Corporate Strategy**

Hampshire safer and more secure for all:	Yes
Corporate Improvement plan link number (if appropriate):	
Maximising well-being:	No
Corporate Improvement plan link number (if appropriate):	
Enhancing our quality of place:	Yes
Corporate Improvement plan link number (if appropriate):	

Section 100 D - Local Government Act 1972 - background documents

The following documents discuss facts or matters on which this report, or an important part of it, is based and have been relied upon to a material extent in the preparation of this report. (NB: the list excludes published works and any documents which disclose exempt or confidential information as defined in the Act.)

DocumentLocation

None

IMPACT ASSESSMENTS:

1. Equality Duty

1.1. The County Council has a duty under Section 149 of the Equality Act 2010 ('the Act') to have due regard in the exercise of its functions to the need to:

- Eliminate discrimination, harassment and victimisation and any other conduct prohibited under the Act;
- Advance equality of opportunity between persons who share a relevant protected characteristic (age, disability, gender reassignment, pregnancy and maternity, race, religion or belief, gender and sexual orientation) and those who do not share it;
- Foster good relations between persons who share a relevant protected characteristic and persons who do not share it.

Due regard in this context involves having due regard in particular to:

- a) The need to remove or minimise disadvantages suffered by persons sharing a relevant characteristic connected to that characteristic;
- b) Take steps to meet the needs of persons sharing a relevant protected characteristic different from the needs of persons who do not share it;
- c) Encourage persons sharing a relevant protected characteristic to participate in public life or in any other activity which participation by such persons is disproportionately low.

1.2. Equalities Impact Assessment:

The proposals in this report have been developed with due regard to the requirements of the Equality Act 2010, including the Public Sector Equality Duty and the Council's equality objectives. The website contains a summary assessment of the impacts on developing Hampshire's highway network and transport systems.

Statutory considerations:

Impact	
Age	Medium
Disability	Medium
Sexual Orientation	None
Race	None
Religion and belief	None
Gender Reassignment	None
Sex	None
Marriage and civil partnership	None
Pregnancy and maternity	Medium
Other policy considerations	
Poverty	None
Rurality	None
Other factors	None
Geographical impact	Gosport

At present there are no signal controlled crossing facilities at this busy junction making crossing difficult for all pedestrians. The provision of puffin crossings on all four arms of the junction of Anns Hill Road and B3333 Privett Road will improve crossing opportunities and safety for all pedestrians, particularly those with mobility difficulties.

2. Impact on Crime and Disorder

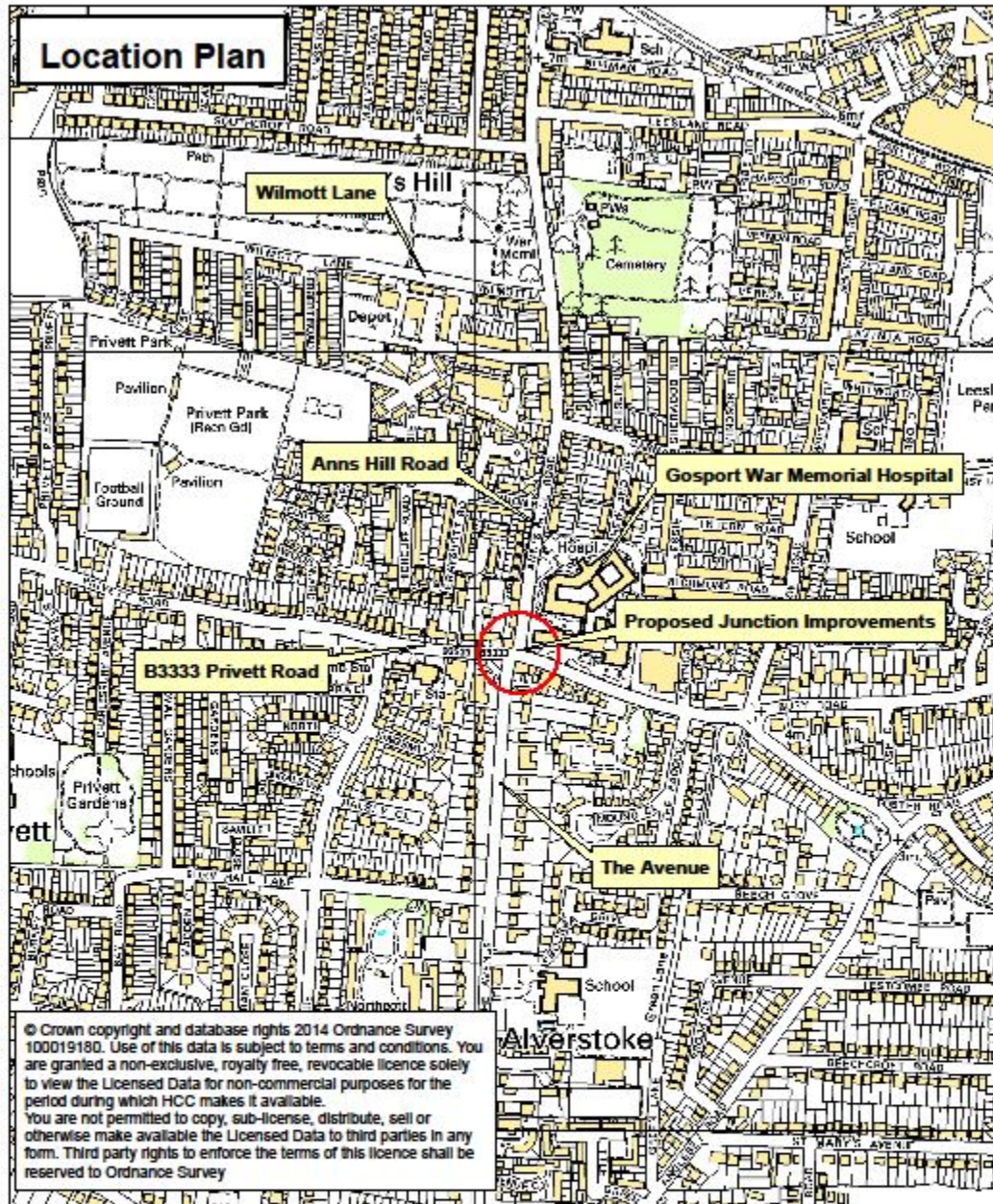
2.1. None

3. Climate Change:

3.1. How does what is being proposed impact on our carbon footprint / energy consumption?

3.2. How does what is being proposed consider the need to adapt to climate change, and be resilient to its longer term impacts?

The provision of an additional traffic lane in Anns Hill Road at the junction with the B3333 Privett Road will help to increase the operational efficiency of the junction and therefore reduce current congestion and queue lengths. This will have a positive impact on air quality in the area.



**TITLE: Ann's Hill Road / B3333 Privett Road, Gosport
Proposed Junction Improvements**

**EXECUTIVE MEMBER OF ECONOMY, TRANSPORT
AND ENVIRONMENT**

November 2015

Drawn by: BB



Scale: 1:7,000

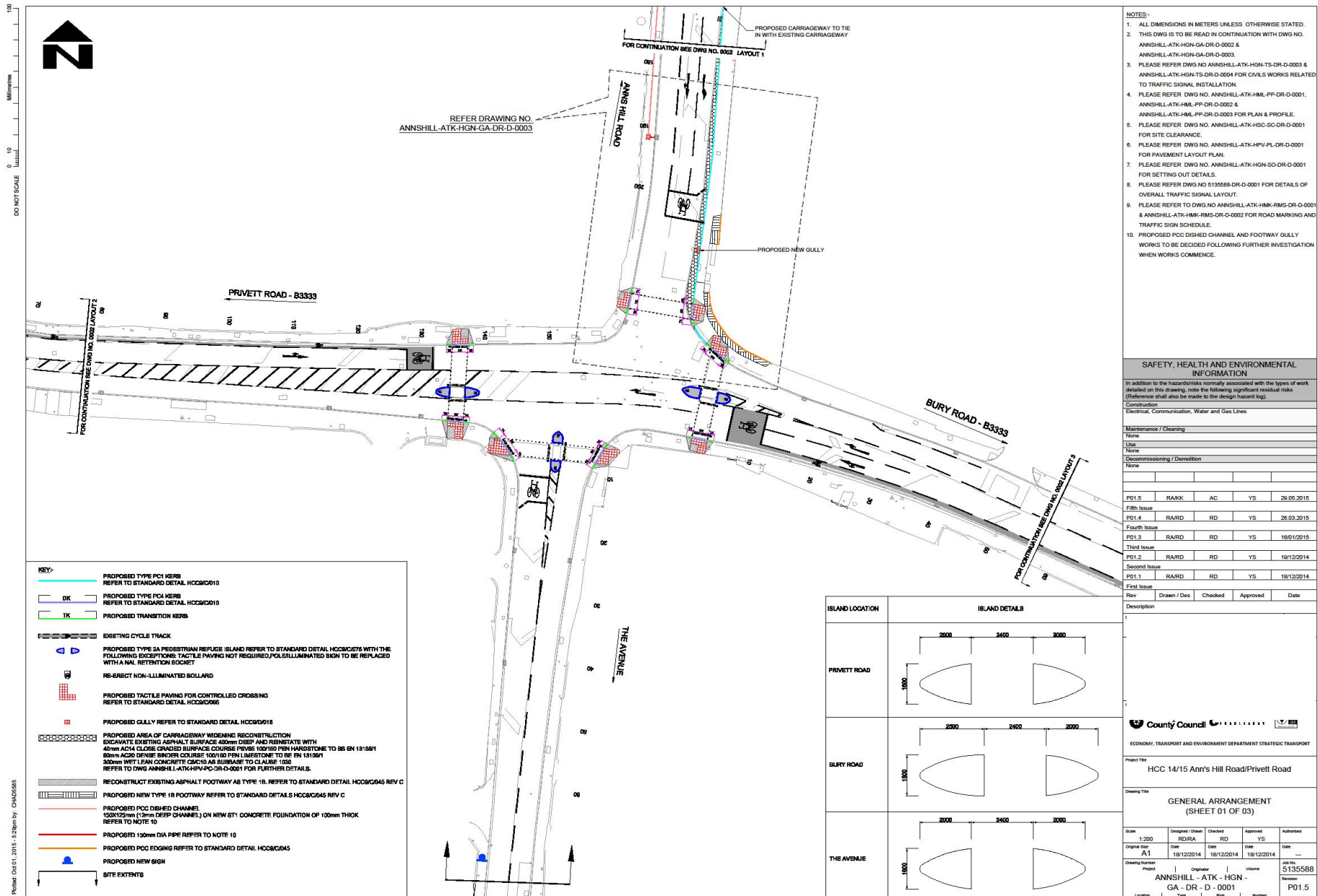


FS21845



**Hampshire
County Council**

Economy, Transport and Environment



- NOTES:-**
1. ALL DIMENSIONS IN METERS UNLESS OTHERWISE STATED.
 2. THIS DWG IS TO BE READ IN CONTINUATION WITH DWG NO. ANNSHILL-ATK-HGN-GA-DR-D-0003 & ANNSHILL-ATK-HGN-GA-DR-D-0003.
 3. PLEASE REFER DWG NO ANNSHILL-ATK-HGN-TS-DR-D-0003 & ANNSHILL-ATK-HGN-TS-DR-D-0004 FOR CIVILS WORKS RELATED TO TRAFFIC SIGNAL INSTALLATION.
 4. PLEASE REFER DWG NO. ANNSHILL-ATK-HML-PP-DR-D-0001, ANNSHILL-ATK-HML-PP-DR-D-0002 & ANNSHILL-ATK-HML-PP-DR-D-0003 FOR PLAN & PROFILE.
 5. PLEASE REFER DWG NO. ANNSHILL-ATK-HGC-SC-DR-D-0001 FOR SITE CLEARANCE.
 6. PLEASE REFER DWG NO. ANNSHILL-ATK-HPV-PL-DR-D-0001 FOR PAVEMENT LAYOUT PLAN.
 7. PLEASE REFER DWG NO. ANNSHILL-ATK-HGN-SO-DR-D-0001 FOR SETTING OUT DETAILS.
 8. PLEASE REFER DWG NO D135558-DR-D-0001 FOR DETAILS OF OVERALL TRAFFIC SIGNAL LAYOUT.
 9. PLEASE REFER TO DWG NO ANNSHILL-ATK-HMK-RMS-DR-D-0001 & ANNSHILL-ATK-HMK-RMS-DR-D-0002 FOR ROAD MARKING AND TRAFFIC SIGN SCHEDULE.
 10. PROPOSED PCC DISHED CHANNEL AND FOOTWAY GULLY WORKS TO BE DECIDED FOLLOWING FURTHER INVESTIGATION WHEN WORKS COMMENCE.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

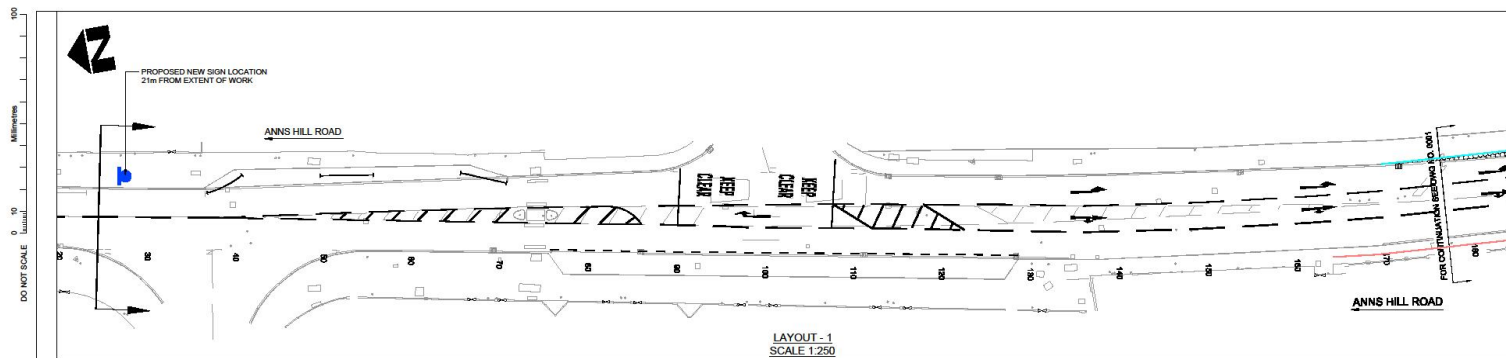
In addition to the hazards/risks normally associated with the types of work detailed on the drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction				
Electrical, Communication, Water and Gas Lines				
Maintenance / Cleaning				
None				
Use				
None				
Decommissioning / Demolition				
None				
P01.5	RA/RK	AC	YS	29.05.2015
Fifth Issue				
P01.4	RA/RD	RD	YS	26.03.2015
Fourth Issue				
P01.3	RA/RD	RD	YS	19/01/2015
Third Issue				
P01.2	RA/RD	RD	YS	19/12/2014
Second Issue				
P01.1	RA/RD	RD	YS	18/12/2014
First Issue				
Rev	Drawn / Des	Checked	Approved	Date

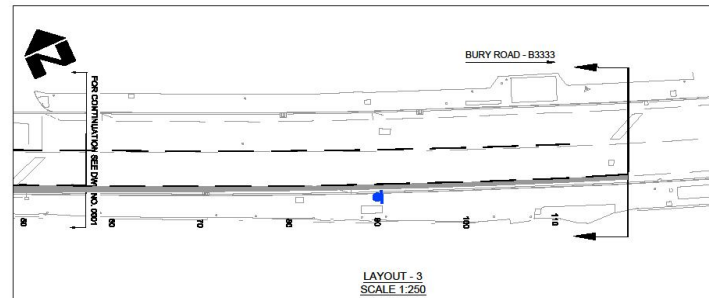
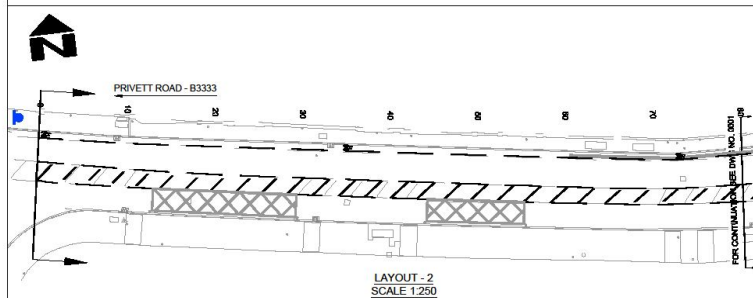
ISLAND LOCATION	ISLAND DETAILS
PRIVETT ROAD	
BURY ROAD	
THE AVENUE	

Description				
ECONOMY, TRANSPORT AND ENVIRONMENT DEPARTMENT STRATEGIC TRANSPORT				
Project Title				
HCC 14/15 Ann's Hill Road/Privett Road				
Drawing Title				
GENERAL ARRANGEMENT (SHEET 01 OF 03)				
Scale	Designer / Drawn	Checked	Approved	Authorised
1:200	RD/RK	RD	YS	---
Original Size	Date	Date	Date	Date
A1	18/12/2014	18/12/2014	18/12/2014	---
Drawing Number	Project	Originator	Volume	Job No.
	ANNSHILL - ATK - HGN - GA - DR - D - 0001			51355588
Location	Type	Rate	Number	Revision
				P01.5

Revised: 04/01/2015 - 4:29pm by: CHAD0586



- NOTES:-**
1. ALL DIMENSIONS IN METERS UNLESS OTHERWISE STATED.
 2. THIS DWG IS TO BE READ IN CONTINUATION WITH DWG NO. ANNSHILL-ATK-HGN-GA-DR-D-0001 & ANNSHILL-ATK-HGN-DR-D-0003.
 3. PLEASE REFER DWG NO ANNSHILL-ATK-HGN-TS-DR-D-0003 & ANNSHILL-ATK-HGN-TS-DR-D-0004 FOR CIVILS WORKS RELATED TO TRAFFIC SIGNAL INSTALLATION.
 4. PLEASE REFER DWG NO. ANNSHILL-ATK-HML-PP-DR-D-0001, ANNSHILL-ATK-HML-PP-DR-D-0002 & ANNSHILL-ATK-HML-PP-DR-D-0003 FOR PLAN & PROFILE.
 5. PLEASE REFER DWG NO. ANNSHILL-ATK-HSC-SC-DR-D-0001 FOR SITE CLEARANCE.
 6. PLEASE REFER DWG NO. ANNSHILL-ATK-HPV-PL-DR-D-0001 FOR PAVEMENT LAYOUT PLAN.
 7. PLEASE REFER DWG NO. ANNSHILL-ATK-HGN-SO-DR-D-0001 FOR SETTING OUT DETAILS.
 8. PLEASE REFER DWG NO. S155888-DR-D-0001 FOR DETAILS OF OVERALL TRAFFIC SIGNAL LAYOUT.
 9. PLEASE REFER TO DWG NO ANNSHILL-ATK-HMK-RMS-DR-D-0001 & ANNSHILL-ATK-HMK-RMS-DR-D-0002 FOR ROAD MARKING AND TRAFFIC SIGN SCHEDULE.
 10. PROPOSED PCC DISHED CHANNEL AND FOOTWAY GULLY WORKS TO BE DECIDED FOLLOWING FURTHER INVESTIGATION WHEN WORKS COMMENCE.



- KEY:-**
- PROPOSED TYPE PCI KERB REFER TO STANDARD DETAIL HCC0008/10
 - PROPOSED TYPE PCA KERB REFER TO STANDARD DETAIL HCC0008/10
 - PROPOSED TRANSITION KERB
 - EXISTING CYCLE TRACK
 - PROPOSED TYPE 2A PEDESTRIAN REFUGE (ISLAND REFER TO STANDARD DETAIL) FOLLOWING EXCEPTIONS: TACTILE PAVING NOT REQUIRED; POLY-ILLUMINATED B WITH A NAL RETENTION SOCKET
 - RE-ERECT NON-ILLUMINATED BOLLARD
 - PROPOSED TACTILE PAVING FOR CONTROLLED CROSSING REFER TO STANDARD DETAIL HCC0008
 - PROPOSED GULLY REFER TO STANDARD DETAIL H0000015
 - PROPOSED AREA OF CARRIAGEWAY WIDENING RECONSTRUCTION EXCAVATE EXISTING ASPHALT SURFACE 400mm DEEP AND REINSTATE WITH: 100mm AC14 CLOSE GRADED SURFACE COURSE FORM 100/80 PEN HARDSTONE TO BS EN 13120/1 80mm AC20 DENSE BINDER COURSE 100/80 PEN LIMESTONE TO BS EN 13120/1 300mm NET LEAN CONCRETE OVER 10 AS SUBBASE TO CLASSIC 3000 REFER TO DWG ANNSHILL-ATK-HPV-PC-DR-D-0001 FOR FURTHER DETAILS.
 - RECONSTRUCT EXISTING ASPHALT FOOTWAY AS TYPE 1B. REFER TO STANDARD DETAIL HCC00046 REV C
 - PROPOSED NEW TYPE 1B FOOTWAY REFER TO STANDARD DETAILS HCC00046 REV C
 - PROPOSED PCC DISHED CHANNEL 150x125mm (150mm DEEP CHANNEL) ON NEW 811 CONCRETE FOUNDATION OF 100mm THICK REFER TO NOTE 10
 - PROPOSED 150mm DIA PIPE REFER TO NOTE 10
 - PROPOSED PCC EDGING REFER TO STANDARD DETAIL HCC00046
 - PROPOSED NEW SIGN
 - SITE EXTENTS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks. (Reference shall also be made to the design hazard log.)

Construction	
Electrical, Communication, Water and Gas Lines	
Maintenance / Cleaning	
None	
Use	
None	
Decommissioning / Demolition	
None	

P01.5	RA/CK	RD	YS	01.08.2015
Fifth Issue				
P01.4	RA/RD	RD	YS	26.03.2015
Fourth Issue				
P01.3	RA/RD	RD	YS	16.01.2015
Third Issue				
P01.2	RA/RD	RD	YS	19.12.2014
Second Issue				
P01.1	RA/RD	RD	YS	18.12.2014
First Issue				

Rev	Drawn / Des	Checked	Approved	Date
Description				

Consulting Engineers
The H&A Group
100 Park Area, Bournemouth, Dorset
BH1 1AB
Tel: +44 (0)1202 5135588
www.hampshire-engineering.co.uk
Copyright © Atkins Limited (2015)



ECONOMIC, TRANSPORT AND ENVIRONMENT DEPARTMENT STRATEGIC TRANSPORT

Project Title
HCC 14/15 Ann's Hill Road/Privett Road

Drawing Title
GENERAL ARRANGEMENT
(SHEET 02 OF 03)

Scale	Designed / Drawn	Checked	Approved	Authorised
AS SHOWN	RD/RA	RD	YS	YS
Original Size	A1			
Date	18/12/2014	18/12/2014	18/12/2014	---
Drawing Number	Project	Originator	Volume	Revision
	ANNSHILL - ATK - HGN -	GA - DR - D - 0002		5135588
Location	Type	Rate	Number	
				P01.5

