

# **Technical Note 8**

| Title       | Inglewood (P/2017/1133): Windy Corner Junction - Proposed Improvements and Traffic<br>Capacity Analysis |                |              |           |  |  |  |  |  |  |  |  |  |
|-------------|---|----------------|--------------|-----------|--|--|--|--|--|--|--|--|--|
| Prepared by | Stephen Le Flohic Checke  | d by Roger Key | Reviewed by  | Roger Key |  |  |  |  |  |  |  |  |  |
| Date        | 21 <sup>st</sup> November 2019  | Version        | 1.1 (Dec 19) |           |  |  |  |  |  |  |  |  |  |

# 1. Introduction

- 1.1. Key Transport Consultants (KTC) is retained by Abacus Projects Ltd/Deeley Freed Estates to provide transport advice in respect of the proposed Inglewood development on land south of White Rock, Paignton, TQ4 7BQ. A Transport Assessment (TA) and Transport Assessment Addendum 1 (TAA) have been submitted to Torbay Council (TC) to support an application for up to 400 residential dwellings, a two-form entry primary school and a public house.
- 1.2. The A3022 Brixham Road/A379 Dartmouth Road junction, known locally as Windy Corner, has recently been improved by TC. KTC proposed further improvements in association with the proposed development as shown on drawing 0734-053 enclosed as **Appendix A**. The traffic capacity of the junction has been modelled using LinSig V3 as set out in the November 2017 TA and the January 2018 TAA. Further analysis was requested by TC allowing for further committed development traffic and this was set out in KTC Technical Note 5 dated June 2018. All previously submitted capacity analysis pre-dates the implementation of the TC improvement works.
- 1.3. In October 2019 further drawings were produced by KTC to clarify the proposed improvements and in the light of the improvements undertaken and, by then, completed by TC. Following liaison with TC Highway Officers, further modifications have been made to the proposed improvements as described below. The traffic capacity of the revised proposed improvements has also been assessed, as described below.
- 1.4. The purpose of this Technical Note (TN) is to set out the revised improvements to the Windy Corner junction and the findings of the additional traffic capacity analysis. This TN continues in Section 2 with an overview of the TC junction improvements and Section 3 describes the revisions to the KTC proposed junction improvements. Section 4 compares the results of the traffic capacity analysis of the existing Windy Corner layout without the Inglewood development, with the revised proposed improvements including Inglewood development traffic. Section 5 sets out conclusions.

# 2. Torbay Council Improvements

2.1. The recently implemented TC improvements are shown on TC drawing 8/9/7\_100 enclosed as Appendix B. This drawing does not show the layout of the northern Dartmouth Road arm of the Windy Corner junction, so KTC has produced its own version of the existing layout, drawing 0734-

060 enclosed as **Appendix C**, which shows the existing road markings on the northern Dartmouth Road and Brixham Road arms. The drawing is otherwise the same as the TC drawing and reflects the newly completed existing layout.

2.2. At present, only one lane is available for the southbound ahead movement on Dartmouth Road. The improvement shown on drawing 0734-053 proposed to provide two southbound lanes on Dartmouth Road to the south of the junction enabling both lanes to be used by southbound traffic entering on Dartmouth Road and a short length of two lane approach on Brixham Road.

### 3. KTC Revised Improvements

- 3.1. KTC has provided a new drawing 0734-061 enclosed as Appendix D which, apart from the changes outlined below, reflects the previously proposed improvements shown on drawing 0734-053. It is based on the existing junction layout.
- 3.2. The changes include a minor modification to tie in with the layout of the northbound bus stop on A379 Dartmouth Road shown on the TC drawing. Drawing 0734-061 also addressed buildability of the proposed improvement on the southbound side of the junction. The layout on drawing 0734-053 showed widening of the southbound carriageway into a steeply sloping verge. This would require a short length of retaining wall between the footway and widened carriageway and the relocation of a control box for the traffic signals. Drawing 0734-061 retains sufficient lane widths for two ahead lanes, while starting the widening into the verge (shown red on the plan) south of the above features. Hence, it would be feasible to leave the steep verge and control box untouched, significantly simplifying the construction work.
- 3.3. Alongside the red arc of widened southbound carriageway there is an equivalent blue arc of widened footway/cycleway. According to KTC records, this encroaches into land owned by TC that is not designated as public highway and which is not common land. It was previously agreed with TC Highway Officers that TC non-highway land could be included within the scheme. The proposed layout ties in the new kerb line with the existing kerb to the north of the southern end of the TC land because it is understood that the verge to the south has become common land in the land swap for TC's own scheme. All other proposed changes to the layout remain as shown on KTC's drawing 0734-053, are within the existing public highway and do not encroach onto common land.
- 3.4. The revised drawing was forwarded to TC Highway Officers for their consideration in October 2019. Following this consideration and a meeting with KTC in November, further changes have been made. KTC drawing 0734-061 Revision A, enclosed as Appendix E, includes the following minor changes:



- the island in centre of Brixham Road has been moved back to be 1.5m clear of the Dartmouth Road edge of lane;
- the swept path for the right turn into Brixham Road has been slightly adjusted;
- the arrow in the left lane on Brixham Road has been changed to left only and the right lane to right only; and
- an island has been introduced in the hatched area to the south of junction to make clear to southbound drivers that they have to merge left of the island beyond.

# 4. Revised Traffic Analysis

4.1. The analysis described below compares the traffic capacity of the existing Windy Corner junction, including the recent TC improvements but prior to the addition of Inglewood development traffic, with the revised KTC proposed junction improvements shown on drawing 0734-061 Rev A and with the Inglewood development traffic. The analysis is based upon a forecast year of 2024 with all consented and committed development traffic included in the base flows, as agreed with TC. The results of the capacity analysis of the existing Windy Corner junction were previously set out in KTC Technical Note 5.

| Table 4.1: Windy Corner Junction - AM Peak Hour |  |  |  |  |      |  |  |  |  |  |  |  |  |
|---|--|--|--|--|------|--|--|--|--|--|--|--|--|
|   |  | 08:00 – 09:00  |  |  |      |  |  |  |  |  |  |  |  |
|   |  | Existing L<br>2024 + Ad<br>Consente<br>Committed De<br>+ Additional C<br>Development ( | justed<br>d and<br>velopment<br>committed<br>(Wall Park) | Revised Proposed Layout<br>2024 + Adjusted Consented<br>and Committed Developmen<br>+ Additional Committed<br>Development (Wall Park) +<br>Inglewood Development |      |  |  |  |  |  |  |  |  |
|   |  | % Sat  | MMQ  | % Sat  | MMQ  |  |  |  |  |  |  |  |  |
| 1/1   | A379 Dartmouth Road<br>(north) Ahead         | 71.7%  | 14.4   | 71.1%  | 14.2 |  |  |  |  |  |  |  |  |
| 1/2   | A379 Dartmouth Road<br>(north) Ahead + Right | 39.5%  | 1.1  | 42.7%  | 1.1  |  |  |  |  |  |  |  |  |
| 2/1   | A379 Dartmouth Road<br>(south) Left          | 81.2%  | -  | 81.9%  | -    |  |  |  |  |  |  |  |  |
| 2/2   | A379 Dartmouth Road<br>(south) Ahead         | 81.2%  | 15.9   | 81.9%  | 15.5 |  |  |  |  |  |  |  |  |
| 3/1   | A3022 Brixham Road Left +<br>Right           | 80.4%  | 15.5   |  |      |  |  |  |  |  |  |  |  |
| 3/1 +<br>3/2                                    | A3022 Brixham Road Left +<br>Right           |  |  | 80.2%  | 16.4 |  |  |  |  |  |  |  |  |
| Total   | Cycle Time = 90 sec                          | PRC  | 10.8%  | PRC  | 9.8% |  |  |  |  |  |  |  |  |

4.2. A summary of the results from the LinSig analysis is provided in Tables 4.1 and 4.2 below. The LinSig output is provided at **Appendix F**.



| Table 4.2: Windy Corner Junction – PM Peak Hour |  |  |                                   |   |        |  |  |  |  |  |  |  |  |
|---|--|--|-----------------------------------|---|--------|--|--|--|--|--|--|--|--|
|   |  | 16:00 – 17:00  |                                   |   |        |  |  |  |  |  |  |  |  |
|   |  | Existing   | Layout                            | Proposed  | Layout |  |  |  |  |  |  |  |  |
|   |  | 2024 + Ac<br>Consente<br>Committed De<br>+ Additional (<br>Development | ed and<br>evelopment<br>Committed | 2024 + Adjusted Consented<br>and Committed Developmen<br>+ Additional Committed<br>Development (Wall Park) +<br>Inglewood Development |        |  |  |  |  |  |  |  |  |
|   |  | % Sat  | MMQ                               | % Sat   | MMQ    |  |  |  |  |  |  |  |  |
| 1/1   | A379 Dartmouth Road<br>(north) Ahead         | 82.4%  | 15.7                              | 75.1%   | 13.4   |  |  |  |  |  |  |  |  |
| 1/2   | A379 Dartmouth Road<br>(north) Ahead + Right | 30.4%  | 1.0                               | 35.0%   | 1.8    |  |  |  |  |  |  |  |  |
| 2/1   | A379 Dartmouth Road<br>(south) Left          | 70.5%  | -                                 | 71.5%   | -      |  |  |  |  |  |  |  |  |
| 2/2   | A379 Dartmouth Road<br>(south) Ahead         | 100.0%   | 15.5                              | 94.1%   | 15.1   |  |  |  |  |  |  |  |  |
| 3/1   | A3022 Brixham Road Left +<br>Right           | 98.9%  | 36.7                              |   |        |  |  |  |  |  |  |  |  |
| 3/1 +<br>3/2                                    | A3022 Brixham Road Left +<br>Right           |  |                                   | 94.6%   | 30.3   |  |  |  |  |  |  |  |  |
| Total   | Cycle Time = 90 sec                          | PRC  | -11.1%                            | PRC   | -5.1%  |  |  |  |  |  |  |  |  |

- 4.3. It can be seen from Tables 4.1 and 4.2 above that the existing Windy Corner junction is predicted to be within its design and saturation capacities in all AM peak hour tests. However, the existing junction is predicted to exceed its design and saturation capacities in the PM peak on the A379 Dartmouth Road (south) ahead and A3022 Brixham Road approaches. The PM peak practical reserve capacity (PRC) for the whole junction is forecast at -11.1%.
- 4.4. With the revised KTC junction improvements and the addition of Inglewood development traffic, the forecast AM peak queues and saturation flows are forecast to be broadly similar to those for the existing junction. One additional vehicle is forecast to queue on the A3022 Brixham Road approach. The PRC is forecast to be 9.8%, a slight reduction from the 10.8% forecast for the existing junction.
- 4.5. In the PM peak the revised junction is predicted to be in excess of its design and saturation capacities on the A379 Dartmouth Road (south) ahead and A3022 Brixham Road approaches similar to the existing junction but with slightly shorter queues. The PM peak PRC is forecast at 5.1% which is an improvement on the -11.1% forecast for the existing junction.

# 5. Conclusions

5.1. The traffic capacity analysis indicates that the Windy Corner junction is forecast to operate satisfactorily in the AM peak hour in both scenarios examined. In the PM peak hour the junction is forecast to be in excess of its design and saturation capacities but that the revised junction layout shown on drawing 0734-061 Revision A is forecast to operate better than the existing junction. Therefore, it is clear that the residual traffic impact of the additional development traffic

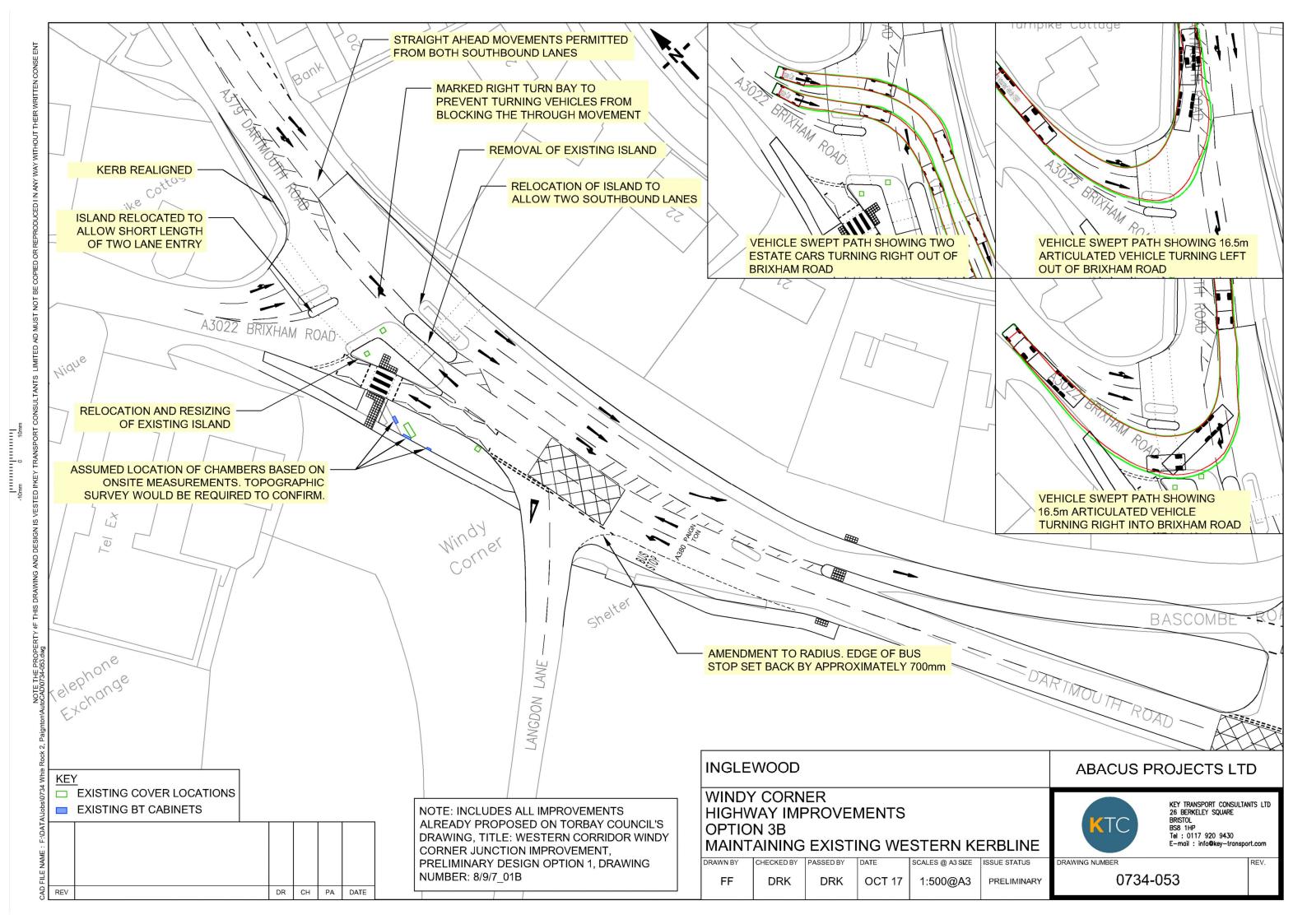


at the Windy Corner junction would not be severe.

5.2. The delivery of the KTC proposed highway works shown on drawing 0734-061 Revision A can be secured by imposing a Grampian condition upon a planning consent. This would overcome any grounds for refusal of the Inglewood application with respect to its traffic impact at Windy Corner.



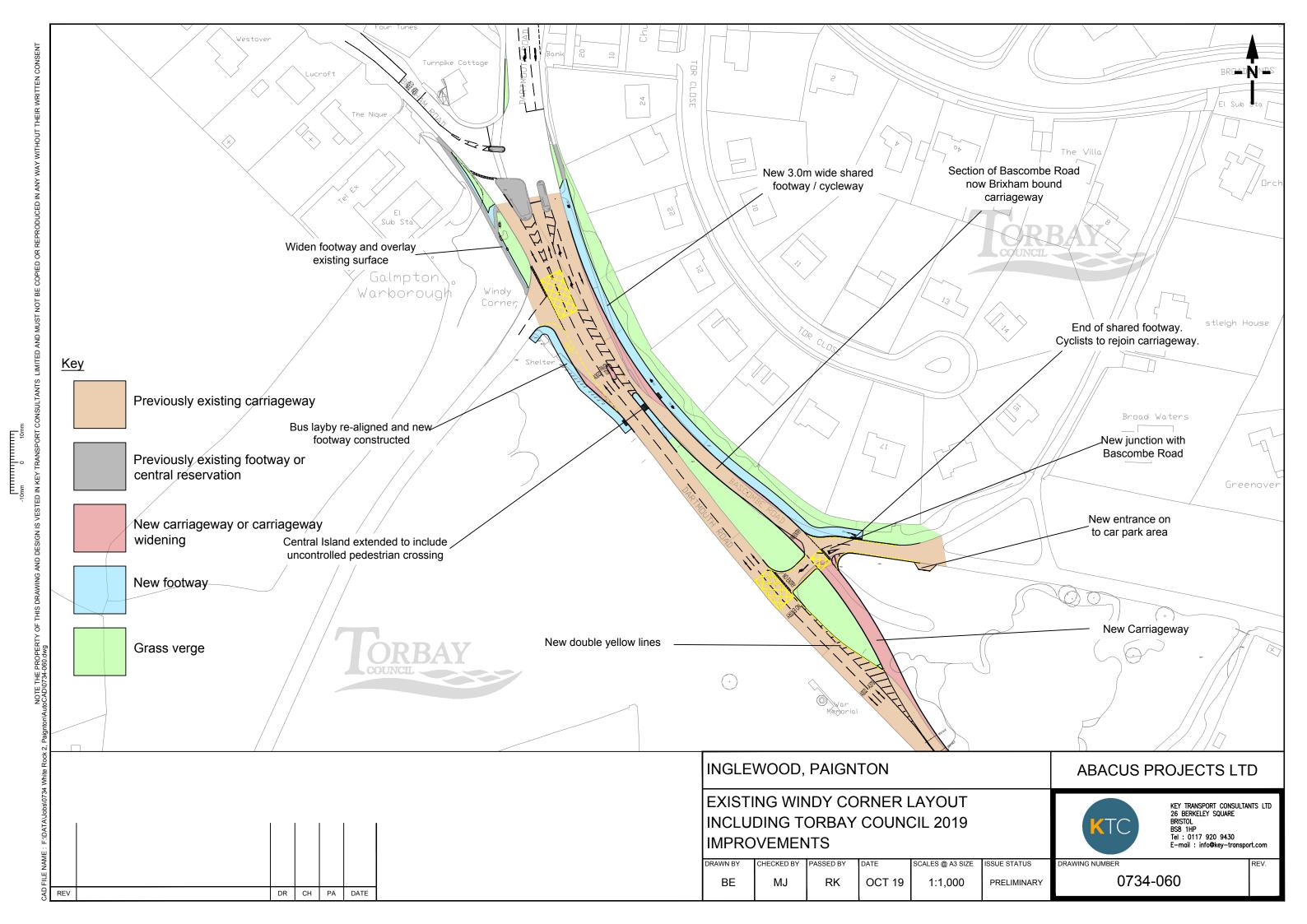
**APPENDIX A** 



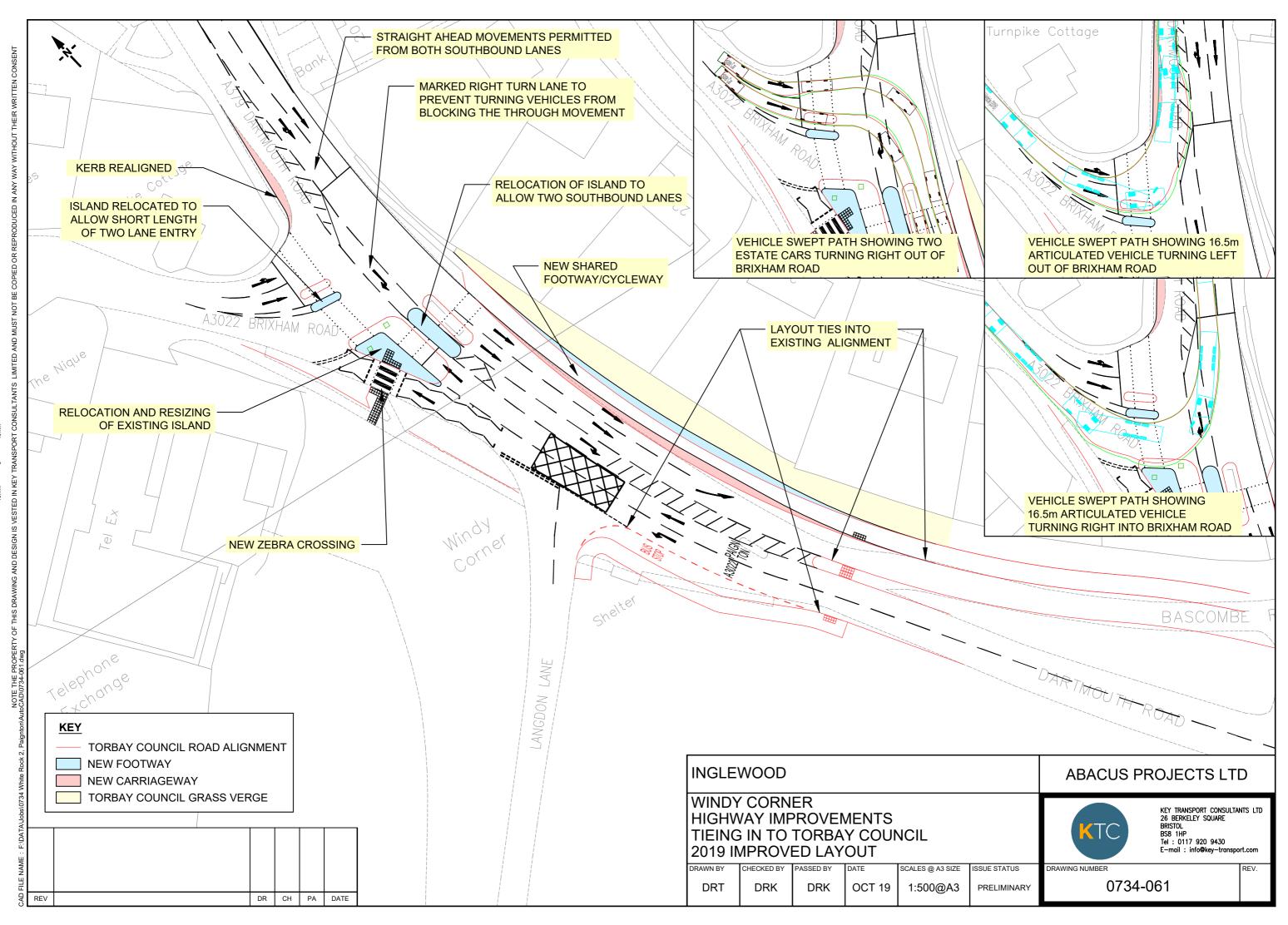
**APPENDIX B** 



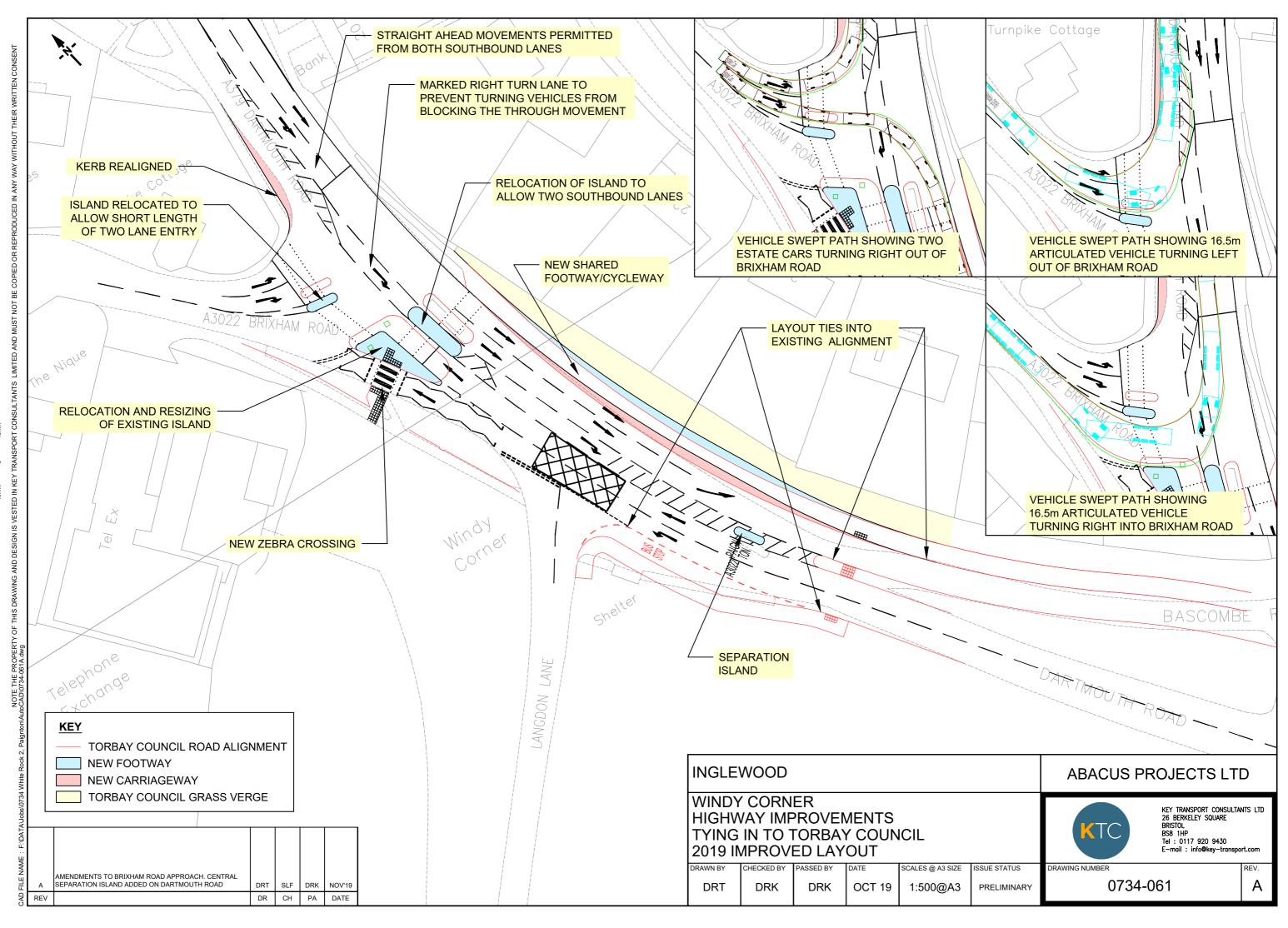
**APPENDIX C** 



**APPENDIX D** 



**APPENDIX E** 



E T

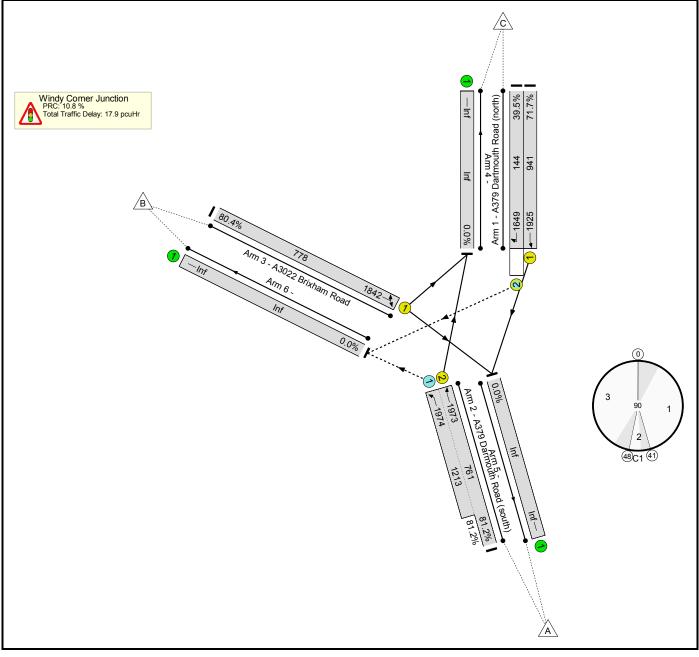
APPENDIX F

### Basic Results Summary Basic Results Summary

# **User and Project Details**

| Project:           | Inglewood   |
|--------------------|---|
| Title:             | Windy Corner Junction - with Torbay Council Proposed Highway Works  |
| Location:          |   |
| Additional detail: |   |
| File name:         | Windy Corner Existing Copy (modelled with Torbay proposed highway works 0734-033A) - additional committed development.lsg3x |
| Author:            | FF  |
| Company:           | Key Transport Consultants   |
| Address:           | 26 Berkeley Square, Bristol, BS8 1HP  |

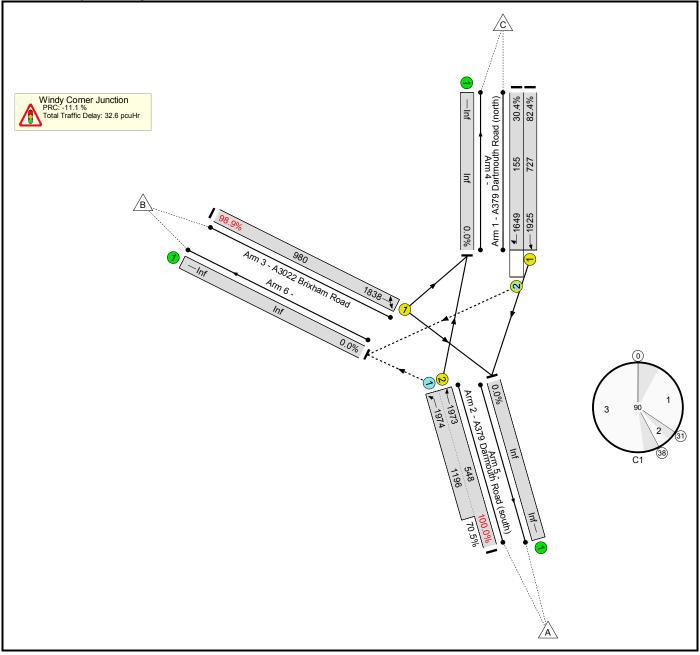
# Scenario 19: 'Add Com Dev 2024 AM' (FG27: '2024 + Add Com Dev AM', Plan 1: 'Network Control Plan 1') Network Layout Diagram



# Basic Results Summary **Network Results**

| ltem   | Lane<br>Description                            | Lane<br>Type | Full<br>Phase | Arrow<br>Phase | Num<br>Greens | Total<br>Green<br>(s) | Arrow<br>Green<br>(s) | Demand<br>Flow<br>(pcu) | Sat Flow<br>(pcu/Hr)                | Capacity<br>(pcu) | Deg<br>Sat<br>(%) | Turners<br>In Gaps<br>(pcu) | Turners<br>When<br>Unopposed<br>(pcu) | Turners In<br>Intergreen<br>(pcu) | Total<br>Delay<br>(pcuHr) | Av.<br>Delay<br>Per PCU<br>(s/pcu) | Mean<br>Max<br>Queue<br>(pcu) |
|--|--|--------------|---------------|----------------|---------------|-----------------------|-----------------------|-------------------------|-------------------------------------|-------------------|-------------------|-----------------------------|---------------------------------------|-----------------------------------|---------------------------|------------------------------------|-------------------------------|
| Network: Windy<br>Corner Junction<br>- with Torbay<br>Council<br>Proposed<br>Highway Works | -  | -            | -             |                | -             | -                     | -                     | -                       | -                                   | -                 | 81.2%             | 539                         | 503                                   | 0                                 | 17.9                      | -                                  | -                             |
| Windy Corner<br>Junction   | -  | -            | -             |                | -             | -                     | -                     | -                       | -                                   | -                 | 81.2%             | 539                         | 503                                   | 0                                 | 17.9                      | -                                  | -                             |
| 1/1  | A379<br>Dartmouth<br>Road (north)<br>Ahead     | U            | А             |                | 1             | 43                    | -                     | 675                     | 1925                                | 941               | 71.7%             | -                           | -                                     | -                                 | 4.7                       | 24.8                               | 14.4                          |
| 1/2  | A379<br>Dartmouth<br>Road (north)<br>Right     | 0            | A             | D              | 1             | 43                    | 4                     | 57                      | 1649                                | 144               | 39.5%             | 57                          | 0                                     | 0                                 | 1.0                       | 61.0                               | 1.1                           |
| 2/2+2/1  | A379<br>Darmouth<br>Road (south)<br>Ahead Left | U+O          | В-            |                | 1             | 34                    | -                     | 1603                    | 1973:1974                           | 761+1213          | 81.2 :<br>81.2%   | 482                         | 503                                   | 0                                 | 6.3                       | 14.2                               | 15.9                          |
| 3/1  | A3022<br>Brixham Road<br>Left Right            | U            | С             |                | 1             | 37                    | -                     | 625                     | 1842                                | 778               | 80.4%             | -                           | -                                     | -                                 | 5.9                       | 34.2                               | 15.5                          |
| C1 PRC for Signalled Lanes (%): 10.8<br>PRC Over All Lanes (%): 10.8                       |  |              |               |                |               |                       |                       |                         | Delay for Signal<br>otal Delay Over |                   |                   | 17.90<br>17.90              | Cycle Time (s):                       | 90                                |                           |                                    |                               |

#### Basic Results Summary Scenario 20: 'Add Com Dev 2024 PM' (FG28: '2024 + Add Com Dev PM ', Plan 1: 'Network Control Plan 1') Network Layout Diagram



# Basic Results Summary Network Results

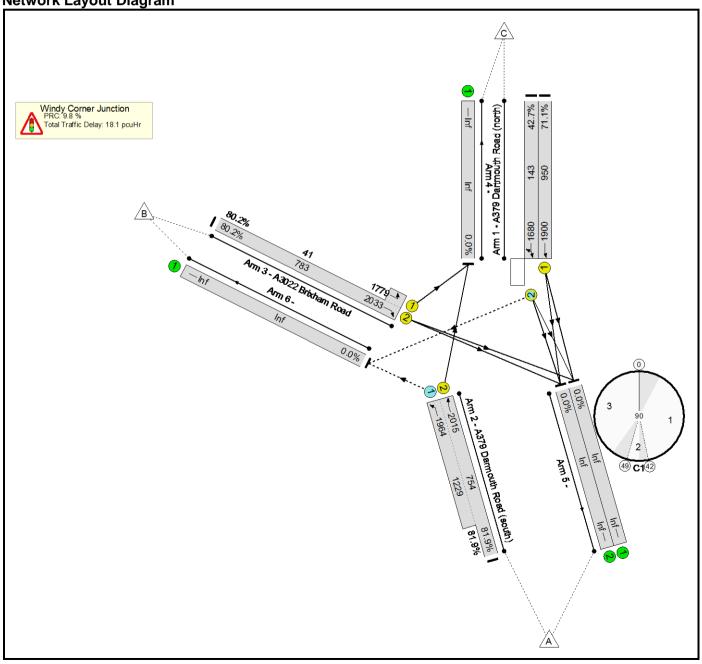
| ltem   | Lane<br>Description                            | Lane<br>Type | Full<br>Phase | Arrow<br>Phase | Num<br>Greens | Total<br>Green<br>(s) | Arrow<br>Green<br>(s) | Demand<br>Flow<br>(pcu) | Sat Flow<br>(pcu/Hr) | Capacity<br>(pcu)                 | Deg<br>Sat (%)   | Turners<br>In Gaps<br>(pcu) | Turners<br>When<br>Unopposed<br>(pcu) | Turners In<br>Intergreen<br>(pcu) | Total<br>Delay<br>(pcuHr) | Av.<br>Delay<br>Per PCU<br>(s/pcu) | Mean<br>Max<br>Queue<br>(pcu) |
|--|--|--------------|---------------|----------------|---------------|-----------------------|-----------------------|-------------------------|----------------------|-----------------------------------|------------------|-----------------------------|---------------------------------------|-----------------------------------|---------------------------|------------------------------------|-------------------------------|
| Network: Windy<br>Corner Junction<br>- with Torbay<br>Council<br>Proposed<br>Highway Works | -  | -            | -             |                | -             | -                     | -                     | -                       | -                    | -                                 | 100.0%           | 365                         | 525                                   | 0                                 | 32.6                      | -                                  | -                             |
| Windy Corner<br>Junction   | -  | -            | -             |                | -             | -                     | -                     | -                       | -                    | -                                 | 100.0%           | 365                         | 525                                   | 0                                 | 32.6                      | -                                  | -                             |
| 1/1  | A379<br>Dartmouth<br>Road (north)<br>Ahead     | U            | А             |                | 1             | 33                    | -                     | 599                     | 1925                 | 727                               | 82.4%            | -                           | -                                     | -                                 | 6.5                       | 38.9                               | 15.7                          |
| 1/2  | A379<br>Dartmouth<br>Road (north)<br>Right     | 0            | A             | D              | 1             | 33                    | 4                     | 47                      | 1649                 | 155                               | 30.4%            | 47                          | 0                                     | 0                                 | 0.7                       | 53.7                               | 1.0                           |
| 2/2+2/1  | A379<br>Darmouth<br>Road (south)<br>Ahead Left | U+O          | В-            |                | 1             | 24                    | -                     | 1391                    | 1973:1974            | 548+1196                          | 100.0 :<br>70.5% | 318                         | 525                                   | 0                                 | 6.9                       | 17.8                               | 15.5                          |
| 3/1  | A3022<br>Brixham Road<br>Left Right            | U            | С             |                | 1             | 47                    | -                     | 969                     | 1838                 | 980                               | 98.9%            | -                           | -                                     | -                                 | 18.6                      | 69.0                               | 36.7                          |
| C1 PRC for Signalled Lanes (%): -11.1 T<br>PRC Over All Lanes (%): -11.1                   |  |              |               |                |               |                       |                       |                         |                      | led Lanes (pcu<br>· All Lanes(pcu |                  | 2.64 C<br>2.64              | ycle Time (s): 90                     |                                   |                           |                                    |                               |

#### Basic Results Summary Basic Results Summary

# **User and Project Details**

| Project:           | Inglewood  |
|--------------------|--|
| Title:             | Windy Corner Junction - KTC proposed highway works   |
| Location:          |  |
| Additional detail: |  |
| File name:         | Windy Corner (KTC proposed highway works 0734-61) - additional committed development.lsg3x |
| Author:            | FF   |
| Company:           | Key Transport Consultants  |
| Address:           | 26 Berkeley Square, Bristol, BS8 1HP   |

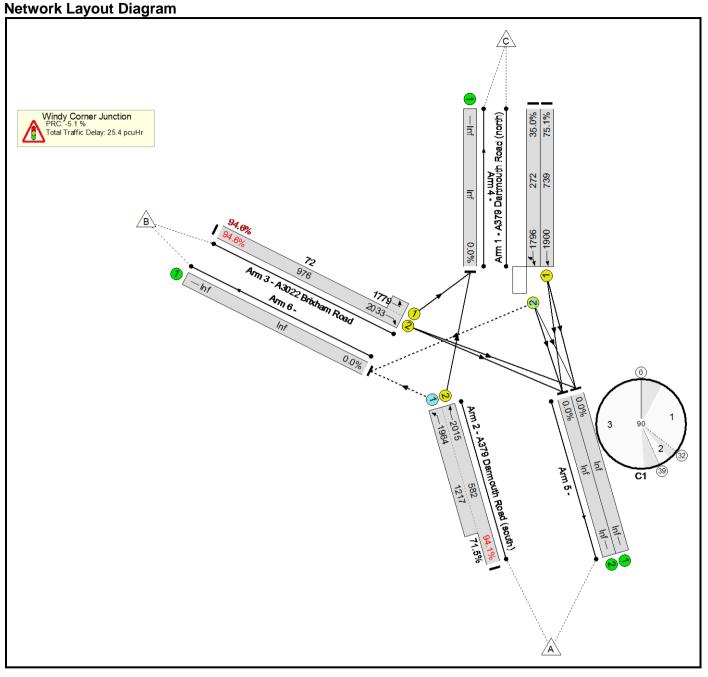
Scenario 19: 'Add Com Dev + Dev 2024 AM' (FG29: '2024 + Add Com Dev + Dev AM', Plan 1: 'Network Control Plan 1') Plan 1') Network Layout Diagram



# Basic Results Summary Network Results

| Item  | Lane<br>Description                              | Lane<br>Type | Full<br>Phase | Arrow<br>Phase | Num<br>Greens                 | Total<br>Green<br>(s) | Arrow<br>Green<br>(s) | Demand<br>Flow<br>(pcu) | Sat Flow<br>(pcu/Hr)               | Capacity<br>(pcu)                  | Deg<br>Sat<br>(%) | Turners<br>In Gaps<br>(pcu) | Turners<br>When<br>Unopposed<br>(pcu) | Turners In<br>Intergreen<br>(pcu) | Total<br>Delay<br>(pcuHr) | Av.<br>Delay<br>Per PCU<br>(s/pcu) | Mean<br>Max<br>Queue<br>(pcu) |
|---|--|--------------|---------------|----------------|-------------------------------|-----------------------|-----------------------|-------------------------|------------------------------------|------------------------------------|-------------------|-----------------------------|---------------------------------------|-----------------------------------|---------------------------|------------------------------------|-------------------------------|
| Network:<br>Windy Corner<br>Junction - KTC<br>proposed<br>highway works | -  | -            | -             |                | -                             | -                     | -                     | -                       | -                                  | -                                  | 81.9%             | 564                         | 503                                   | 0                                 | 18.1                      | -                                  | -                             |
| Windy Corner<br>Junction  | -  | -            | -             |                | -                             | -                     | -                     | -                       | -                                  | -                                  | 81.9%             | 564                         | 503                                   | 0                                 | 18.1                      | -                                  | -                             |
| 1/1   | A379<br>Dartmouth<br>Road (north)<br>Ahead       | U            | A             |                | 1                             | 44                    | -                     | 675                     | 1900                               | 950                                | 71.1%             | -                           | -                                     | -                                 | 4.5                       | 23.9                               | 14.2                          |
| 1/2   | A379<br>Dartmouth<br>Road (north)<br>Ahead Right | 0            | A             | D              | 1                             | 44                    | 4                     | 61                      | 1680                               | 143                                | 42.7%             | 61                          | 0                                     | 0                                 | 1.1                       | 63.6                               | 1.1                           |
| 2/2+2/1   | A379<br>Darmouth<br>Road (south)<br>Ahead Left   | U+O          | В-            |                | 1                             | 35                    | -                     | 1625                    | 2015:1964                          | 754+1229                           | 81.9 :<br>81.9%   | 503                         | 503                                   | 0                                 | 6.3                       | 13.9                               | 15.5                          |
| 3/2+3/1   | A3022 Brixham<br>Road Left<br>Right              | U            | С             |                | 1                             | 36                    | -                     | 661                     | 2033:1779                          | 783+41                             | 80.2 :<br>80.2%   | -                           | -                                     | -                                 | 6.3                       | 34.1                               | 16.4                          |
|   |  | C1           |               |                | Signalled La<br>Over All Land |                       | 9.8<br>9.8            | Total                   | Delay for Signa<br>Total Delay Ove | illed Lanes (pc<br>er All Lanes(pc | uHr):<br>uHr):    | 18.09<br>18.09              | Cycle Time (s):                       | 90                                |                           |                                    |                               |

Basic Results Summary Scenario 20: 'Add Com Dev + Dev 2024 PM' (FG30: '2024 + Add Com Dev + Dev PM', Plan 1: 'Network Control Plan 1')



# Basic Results Summary Network Results

| Item  | Lane<br>Description  | Lane<br>Type | Full<br>Phase | Arrow<br>Phase | Num<br>Greens | Total<br>Green<br>(s) | Arrow<br>Green<br>(s) | Demand<br>Flow<br>(pcu) | Sat Flow<br>(pcu/Hr) | Capacity<br>(pcu) | Deg<br>Sat<br>(%) | Turners<br>In Gaps<br>(pcu) | Turners<br>When<br>Unopposed<br>(pcu) | Turners In<br>Intergreen<br>(pcu) | Total<br>Delay<br>(pcuHr) | Av.<br>Delay<br>Per PCU<br>(s/pcu) | Mean<br>Max<br>Queue<br>(pcu) |
|---|--|--------------|---------------|----------------|---------------|-----------------------|-----------------------|-------------------------|----------------------|-------------------|-------------------|-----------------------------|---------------------------------------|-----------------------------------|---------------------------|------------------------------------|-------------------------------|
| Network:<br>Windy Corner<br>Junction - KTC<br>proposed<br>highway works | -  | -            | -             |                | -             | -                     | -                     | -                       | -                    | -                 | 94.6%             | 389                         | 532                                   | 0                                 | 25.4                      | -                                  | -                             |
| Windy Corner<br>Junction  | -  | -            | -             |                | -             | -                     | -                     | -                       | -                    | -                 | 94.6%             | 389                         | 532                                   | 0                                 | 25.4                      | -                                  | -                             |
| 1/1   | A379<br>Dartmouth<br>Road (north)<br>Ahead   | U            | А             |                | 1             | 34                    | -                     | 555                     | 1900                 | 739               | 75.1%             | -                           | -                                     | -                                 | 5.1                       | 33.4                               | 13.4                          |
| 1/2   | A379<br>Dartmouth<br>Road (north)<br>Ahead Right   | 0            | A             | D              | 1             | 34                    | 4                     | 95                      | 1796                 | 272               | 35.0%             | 51                          | 0                                     | 0                                 | 1.0                       | 38.7                               | 1.8                           |
| 2/2+2/1   | A379<br>Darmouth<br>Road (south)<br>Ahead Left   | U+O          | В-            |                | 1             | 25                    | -                     | 1418                    | 2015:1964            | 582+1217          | 94.1 :<br>71.5%   | 338                         | 532                                   | 0                                 | 6.6                       | 16.8                               | 15.1                          |
| 3/2+3/1   | A3022 Brixham<br>Road Left<br>Right  | U            | С             |                | 1             | 46                    | -                     | 991                     | 2033:1779            | 976+72            | 94.6 :<br>94.6%   | -                           | -                                     | -                                 | 12.6                      | 45.8                               | 30.3                          |
|   | C1 PRC for Signalled Lanes (%): -5.1 Total Delay for Signalled Lanes (pcuHr): 25.37<br>PRC Over All Lanes (%): -5.1 Total Delay Over All Lanes(pcuHr): 25.37 |              |               |                |               |                       |                       |                         |                      |                   | Cycle Time (s):   | 90                          |                                       |                                   |                           |                                    |                               |