



Norwich Western Link

Transport Assessment - Appendix 11 – Junction Model Results

Sub Appendix 11t – Junction 26 Honingham Road / Paddy's Lane / Weston Green Road crossroads

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Contents

1 Junction Model Results 3

Figures

Figure 1-1 Junction Assessment Scope 3



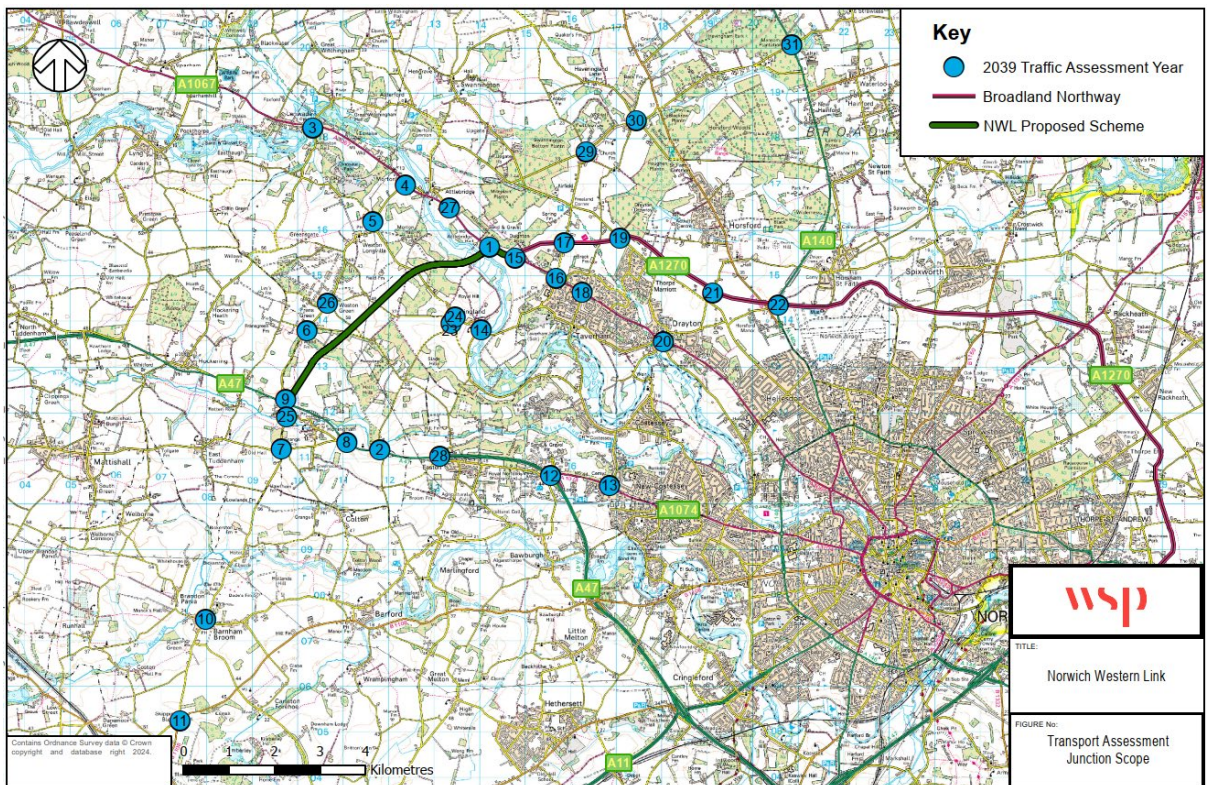
1 Junction Model Results

1.1.1 Junctions 10 modelling software output file that shows the junction capacity results for Junction 26 of the TA.

1.1.2 We have included a summary of key information shown in this document in an accessible format. However, some users may not be able to access all technical details. If you require this document in a more accessible format please contact norwichwesternlink@norfolk.gov.uk

1.1.3 The TA scope map is shown below as a location plan.

Figure 1-1 Junction Assessment Scope



1.1.4 The model results are presented for 2029 and 2039 future assessment years for AM and PM peak hours, taking 7.30-8.30am and AM peak and 5pm-6pm as PM peak.



1.1.5 The scenarios tested are as follows:

- Do Minimum – the baseline future situation with committed developments and planned highway improvements but without the Proposed Scheme.
- Do Something - the baseline future situation with the Proposed Scheme.
- Do Something + Mitigation - the baseline future situation with the Proposed Scheme added plus a package of traffic mitigation measures in the wider network (north of A1067 and south of A47 plus Honingham Lane closure).



**J26 – Honingham Road / Paddy's Lane / Weston Green Road crossroads
Results**

| |
|---|
| <h1>Junctions 10</h1> |
| <h2>PICADY 10 - Priority Intersection Module</h2> |
| Version: 10.0.1.1519 © Copyright TRL Software Limited, 2021 |
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Filename: J26.j10

Path: \\corp.pbwan.net\IN\IN_Projects\70118686-70061370-Norwich Western Link 2019 20\04 Record of Issue\4A Internal WSP Doc Registers\20240129_Model Reports(wo 2044)\J26

Report generation date: 29/01/2024 14:47:09

-
- »2029DM, AM
 - »2029DM, PM
 - »2029DS, AM
 - »2029DS, PM
 - »2029DS_Mitigation, AM
 - »2029DS_Mitigation, PM
 - »2039DM, AM
 - »2039DM, PM
 - »2039DS, AM
 - »2039DS, PM
 - »2039DS_Mitigation, AM
 - »2039DS_Mitigation, PM

Summary of junction performance

| | AM | | | | | PM | | | | |
|--------------------------|--------|-------------|-----------|------|-----|--------|-------------|-----------|------|-----|
| | Set ID | Queue (PCU) | Delay (s) | RFC | LOS | Set ID | Queue (PCU) | Delay (s) | RFC | LOS |
| 2029DM | | | | | | | | | | |
| Stream B-ACD | D1 | 0.1 | 8.81 | 0.05 | A | D2 | 0.1 | 8.36 | 0.05 | A |
| Stream A-BCD | | 0.0 | 0.00 | 0.00 | A | | 0.0 | 0.00 | 0.00 | A |
| Stream D-ABC | | 0.0 | 9.82 | 0.03 | A | | 0.0 | 0.00 | 0.00 | A |
| Stream C-ABD | | 0.0 | 6.44 | 0.00 | A | | 0.0 | 6.35 | 0.00 | A |
| 2029DS | | | | | | | | | | |
| Stream B-ACD | D3 | 0.0 | 0.00 | 0.00 | A | D4 | 0.0 | 0.00 | 0.00 | A |
| Stream A-BCD | | 0.0 | 0.00 | 0.00 | A | | 0.0 | 0.00 | 0.00 | A |
| Stream D-ABC | | 0.0 | 0.00 | 0.00 | A | | 0.0 | 0.00 | 0.00 | A |
| Stream C-ABD | | 0.0 | 0.00 | 0.00 | A | | 0.0 | 0.00 | 0.00 | A |
| 2029DS_Mitigation | | | | | | | | | | |
| Stream B-ACD | D5 | 0.0 | 0.00 | 0.00 | A | D6 | 0.0 | 0.00 | 0.00 | A |
| Stream A-BCD | | 0.0 | 0.00 | 0.00 | A | | 0.0 | 0.00 | 0.00 | A |
| Stream D-ABC | | 0.0 | 0.00 | 0.00 | A | | 0.0 | 0.00 | 0.00 | A |
| Stream C-ABD | | 0.0 | 0.00 | 0.00 | A | | 0.0 | 0.00 | 0.00 | A |
| 2039DM | | | | | | | | | | |
| Stream B-ACD | D7 | 0.1 | 8.62 | 0.05 | A | D8 | 0.1 | 8.72 | 0.05 | A |
| Stream A-BCD | | 0.0 | 0.00 | 0.00 | A | | 0.0 | 0.00 | 0.00 | A |
| Stream D-ABC | | 0.0 | 10.70 | 0.02 | B | | 0.0 | 0.00 | 0.00 | A |
| Stream C-ABD | | 0.0 | 5.13 | 0.00 | A | | 0.0 | 5.03 | 0.00 | A |
| 2039DS | | | | | | | | | | |
| Stream B-ACD | D9 | 0.0 | 0.00 | 0.00 | A | D10 | 0.0 | 0.00 | 0.00 | A |
| Stream A-BCD | | 0.0 | 0.00 | 0.00 | A | | 0.0 | 0.00 | 0.00 | A |
| Stream D-ABC | | 0.0 | 0.00 | 0.00 | A | | 0.0 | 0.00 | 0.00 | A |
| Stream C-ABD | | 0.0 | 0.00 | 0.00 | A | | 0.0 | 0.00 | 0.00 | A |
| 2039DS_Mitigation | | | | | | | | | | |
| Stream B-ACD | D11 | 0.0 | 0.00 | 0.00 | A | D12 | 0.0 | 0.00 | 0.00 | A |
| Stream A-BCD | | 0.0 | 0.00 | 0.00 | A | | 0.0 | 0.00 | 0.00 | A |
| Stream D-ABC | | 0.0 | 0.00 | 0.00 | A | | 0.0 | 0.00 | 0.00 | A |
| Stream C-ABD | | 0.0 | 0.00 | 0.00 | A | | 0.0 | 0.00 | 0.00 | A |

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle.

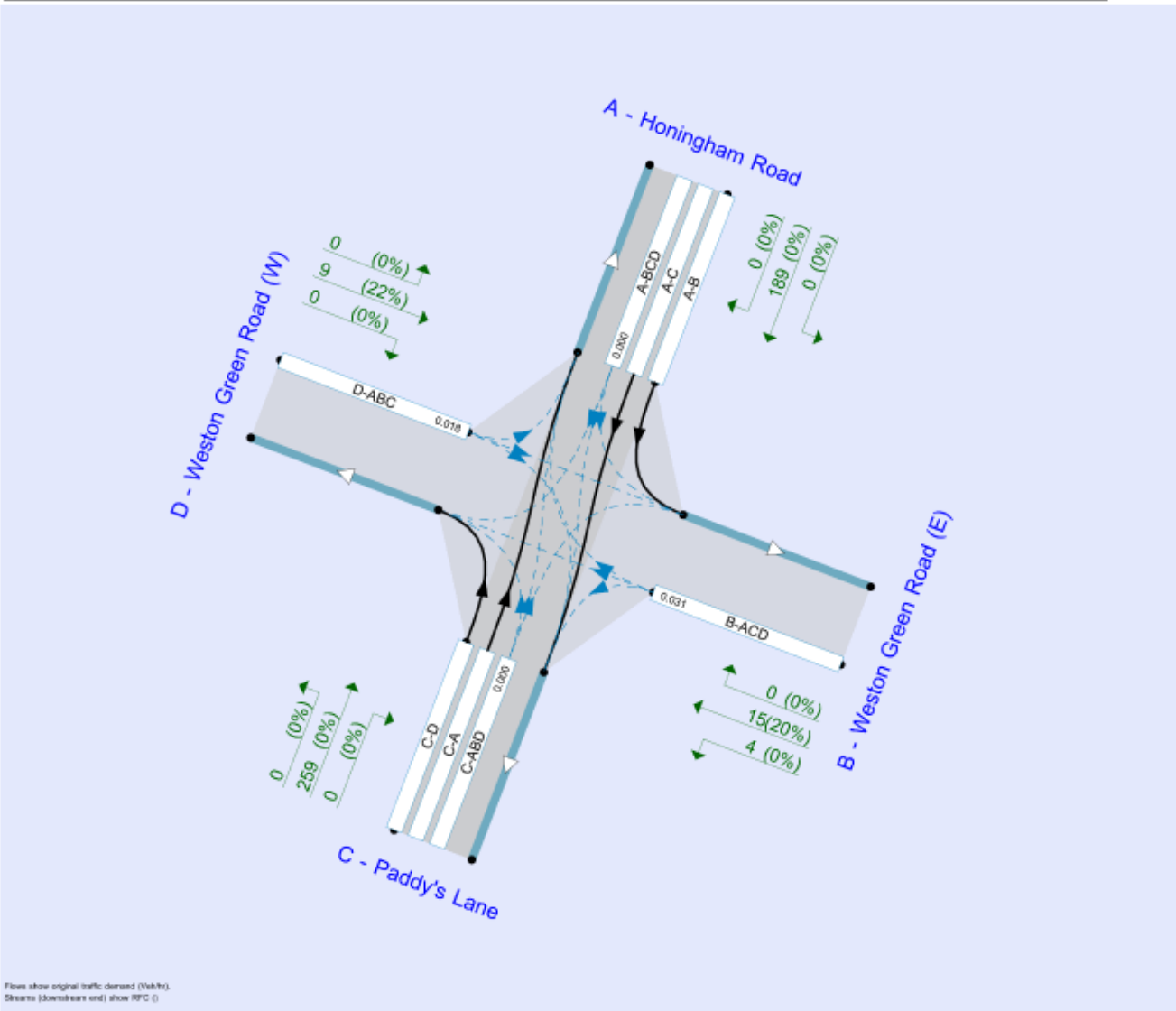
File summary

File Description

| | |
|-------------|--|
| Title | Honingham Road/ Paddys Lane/ Weston Green Road |
| Location | 52.686222, 1.115406 |
| Site number | 26 |
| Date | 21/03/2023 |
| Version | |
| Status | (new file) |
| Identifier | |
| Client | |
| Jobnumber | |
| Enumerator | CORP\INJV01568 |
| Description | |

Units

| Distance units | Speed units | Traffic units input | Traffic units results | Flow units | Average delay units | Total delay units | Rate of delay units |
|----------------|-------------|---------------------|-----------------------|------------|---------------------|-------------------|---------------------|
| m | kph | Veh | PCU | perHour | s | -Min | perMin |



The junction diagram reflects the last run of Junctions.

Analysis Options

| Vehicle length (m) | Calculate Queue Percentiles | Calculate detailed queuing delay | Show lane queues in feet / metres | Show all PICADY stream intercepts | Calculate residual capacity | RFC Threshold | Average Delay threshold (s) | Queue threshold (PCU) | Use iterations with HCM roundabouts | Max number of iterations for roundabouts |
|--------------------|-----------------------------|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------|---------------|-----------------------------|-----------------------|-------------------------------------|--|
| 5.75 | | | | | | 0.85 | 38.00 | 20.00 | | 500 |

Demand Set Summary

| ID | Scenario name | Time Period name | Traffic profile type | Start time (HH:mm) | Finish time (HH:mm) | Time segment length (min) | Run automatically |
|-----|-------------------|------------------|----------------------|--------------------|---------------------|---------------------------|-------------------|
| D1 | 2029DM | AM | ONE HOUR | 07:15 | 08:45 | 15 | ✓ |
| D2 | 2029DM | PM | ONE HOUR | 18:45 | 18:15 | 15 | ✓ |
| D3 | 2029DS | AM | ONE HOUR | 07:15 | 08:45 | 15 | ✓ |
| D4 | 2029DS | PM | ONE HOUR | 18:45 | 18:15 | 15 | ✓ |
| D5 | 2029DS_Mitigation | AM | ONE HOUR | 07:15 | 08:45 | 15 | ✓ |
| D6 | 2029DS_Mitigation | PM | ONE HOUR | 18:45 | 18:15 | 15 | ✓ |
| D7 | 2039DM | AM | ONE HOUR | 07:15 | 08:45 | 15 | ✓ |
| D8 | 2039DM | PM | ONE HOUR | 18:45 | 18:15 | 15 | ✓ |
| D9 | 2039DS | AM | ONE HOUR | 07:15 | 08:45 | 15 | ✓ |
| D10 | 2039DS | PM | ONE HOUR | 18:45 | 18:15 | 15 | ✓ |
| D11 | 2039DS_Mitigation | AM | ONE HOUR | 07:15 | 08:45 | 15 | ✓ |
| D12 | 2039DS_Mitigation | PM | ONE HOUR | 18:45 | 18:15 | 15 | ✓ |

Analysis Set Details

| ID | Include in report | Network flow scaling factor (%) | Network capacity scaling factor (%) |
|----|-------------------|---------------------------------|-------------------------------------|
| A1 | ✓ | 100.000 | 100.000 |

2029DM, AM

Data Errors and Warnings

| Severity | Area | Item | Description |
|----------|-----------------|---|--|
| Warning | Major arm width | A - Honingham Road - Major arm geometry | For two-way major roads, please interpret results with caution if the total major carriageway width is less than 8m. |
| Warning | Major arm width | C - Paddy's Lane - Major arm geometry | For two-way major roads, please interpret results with caution if the total major carriageway width is less than 8m. |

Junction Network

Junctions

| Junction | Name | Junction type | Arm A Direction | Arm B Direction | Arm C Direction | Arm D Direction | Use circulating lanes | Junction Delay (s) | Junction LOS |
|----------|--|---------------|-----------------|-----------------|-----------------|-----------------|-----------------------|--------------------|--------------|
| J26 | Honingham Road/ Paddys Lane/ Weston Green Road | Crossroads | Two-way | Two-way | Two-way | Two-way | | 0.64 | A |

Junction Network

| Driving side | Lighting | Network delay (s) | Network LOS |
|--------------|----------------|-------------------|-------------|
| Left | Normal/unknown | 0.64 | A |

Arms

Arms

| Arm | Name | Description | Arm type |
|-----|-----------------------|-------------|----------|
| A | Honingham Road | | Major |
| B | Weston Green Road (E) | | Minor |
| C | Paddy's Lane | | Major |
| D | Weston Green Road (W) | | Minor |

Major Arm Geometry

| Arm | Width of carriageway (m) | Has kerbed central reserve | Has right-turn storage | Visibility for right turn (m) | Blocks? | Blocking queue (PCU) |
|--------------------|--------------------------|----------------------------|------------------------|-------------------------------|---------|----------------------|
| A - Honingham Road | 4.25 | | | 40.7 | ✓ | 0.00 |
| C - Paddy's Lane | 4.25 | | | 66.7 | ✓ | 0.00 |

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

| Arm | Minor arm type | Lane width (m) | Visibility to left (m) | Visibility to right (m) |
|---------------------------|----------------|----------------|------------------------|-------------------------|
| B - Weston Green Road (E) | One lane | 4.66 | 24 | 14 |
| D - Weston Green Road (W) | One lane | 4.78 | 22 | 14 |

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

| Stream | Intercept (PCU/hr) | Slope for A-B | Slope for A-C | Slope for A-D | Slope for B-A | Slope for B-C | Slope for B-D | Slope for C-A | Slope for C-B | Slope for C-D | Slope for D-A | Slope for D-B | Slope for D-C |
|--------------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| A-D | 598 | - | - | - | - | - | - | 0.249 | 0.356 | 0.249 | - | - | - |
| B-A | 574 | 0.112 | 0.284 | 0.284 | - | - | - | 0.179 | 0.406 | - | 0.284 | 0.284 | 0.142 |
| B-C | 738 | 0.122 | 0.308 | - | - | - | - | - | - | - | - | - | - |
| B-D, nearside lane | 574 | 0.112 | 0.284 | 0.284 | - | - | - | 0.179 | 0.406 | 0.179 | - | - | - |
| B-D, offside lane | 574 | 0.112 | 0.284 | 0.284 | - | - | - | 0.179 | 0.406 | 0.179 | - | - | - |
| C-B | 613 | 0.255 | 0.255 | 0.365 | - | - | - | - | - | - | - | - | - |
| D-A | 746 | - | - | - | - | - | - | 0.311 | - | 0.123 | - | - | - |
| D-B, nearside lane | 579 | 0.181 | 0.181 | 0.410 | - | - | - | 0.287 | 0.287 | 0.114 | - | - | - |
| D-B, offside lane | 579 | 0.181 | 0.181 | 0.410 | - | - | - | 0.287 | 0.287 | 0.114 | - | - | - |
| D-C | 579 | - | 0.181 | 0.410 | 0.144 | 0.287 | 0.287 | 0.287 | 0.287 | 0.114 | - | - | - |

The slopes and intercepts shown above include custom intercept adjustments only.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Demand

Demand Set Details

| ID | Scenario name | Time Period name | Traffic profile type | Start time (HH:mm) | Finish time (HH:mm) | Time segment length (min) | Run automatically |
|----|---------------|------------------|----------------------|--------------------|---------------------|---------------------------|-------------------|
| D1 | 2029DM | AM | ONE HOUR | 07:15 | 08:45 | 15 | ✓ |

| Vehicle mix varies over turn | Vehicle mix varies over entry | Vehicle mix source | PCU Factor for a HV (PCU) |
|------------------------------|-------------------------------|--------------------|---------------------------|
| ✓ | ✓ | HV Percentages | 2.00 |

Demand overview (Traffic)

| Arm | Linked arm | Profile type | Use O-D data | Average Demand (Veh/hr) | Scaling Factor (%) |
|---------------------------|------------|--------------|--------------|-------------------------|--------------------|
| A - Honingham Road | | ONE HOUR | ✓ | 189 | 100.000 |
| B - Weston Green Road (E) | | ONE HOUR | ✓ | 19 | 100.000 |
| C - Paddy's Lane | | ONE HOUR | ✓ | 259 | 100.000 |
| D - Weston Green Road (W) | | ONE HOUR | ✓ | 9 | 100.000 |

Origin-Destination Data

Demand (Veh/hr)

| From | | To | | | |
|------|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| From | A - Honingham Road | 0 | 0 | 189 | 0 |
| | B - Weston Green Road (E) | 0 | 0 | 4 | 15 |
| | C - Paddy's Lane | 259 | 0.03 | 0 | 0 |
| | D - Weston Green Road (W) | 0 | 9 | 0 | 0 |

Proportions

| From | | To | | |
|------|---------------------------|--------------------|---------------------------|------------------|
| | | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane |
| From | A - Honingham Road | 0.00 | 0.00 | 1.00 |
| | B - Weston Green Road (E) | 0.00 | 0.00 | 0.23 |
| | C - Paddy's Lane | 1.00 | 0.00 | 0.00 |
| | D - Weston Green Road (W) | 0.00 | 1.00 | 0.00 |

Vehicle Mix

Heavy Vehicle Percentages

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 0 | 0 | 0 | 0 |
| B - Weston Green Road (E) | 0 | 0 | 0 | 20 |
| C - Paddy's Lane | 0 | 0 | 0 | 0 |
| D - Weston Green Road (W) | 0 | 22 | 0 | 0 |

Average PCU Per Veh

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 1.000 | 1.000 | 1.000 | 1.000 |
| B - Weston Green Road (E) | 1.000 | 1.000 | 1.000 | 1.000 |
| C - Paddy's Lane | 1.000 | 1.000 | 1.000 | 1.000 |
| D - Weston Green Road (W) | 1.000 | 1.219 | 1.000 | 1.000 |

Detailed Demand Data

Demand for each time segment

| Arm | Time Segment | Demand (Veh/hr) | Demand in PCU (PCU/hr) |
|---------------------------|--------------|-----------------|------------------------|
| A - Honingham Road | 07:15-07:30 | 143 | 143 |
| | 07:30-07:45 | 170 | 170 |
| | 07:45-08:00 | 208 | 208 |
| | 08:00-08:15 | 208 | 208 |
| | 08:15-08:30 | 170 | 170 |
| | 08:30-08:45 | 143 | 143 |
| B - Weston Green Road (E) | 07:15-07:30 | 14 | 17 |
| | 07:30-07:45 | 17 | 20 |
| | 07:45-08:00 | 21 | 24 |
| | 08:00-08:15 | 21 | 24 |
| | 08:15-08:30 | 17 | 20 |
| | 08:30-08:45 | 14 | 17 |
| C - Paddy's Lane | 07:15-07:30 | 195 | 195 |
| | 07:30-07:45 | 233 | 233 |
| | 07:45-08:00 | 286 | 286 |
| | 08:00-08:15 | 286 | 286 |
| | 08:15-08:30 | 233 | 233 |
| | 08:30-08:45 | 195 | 195 |
| D - Weston Green Road (W) | 07:15-07:30 | 7 | 9 |
| | 07:30-07:45 | 9 | 10 |
| | 07:45-08:00 | 10 | 13 |
| | 08:00-08:15 | 10 | 13 |
| | 08:15-08:30 | 9 | 10 |
| | 08:30-08:45 | 7 | 9 |

Results

Results Summary for whole modelled period

| Stream | Max RFC | Max Delay (s) | Max Queue (PCU) | Max LOS | Average Demand (PCU/hr) | Total Junction Arrivals (PCU) |
|--------|---------|---------------|-----------------|---------|-------------------------|-------------------------------|
| B-ACD | 0.05 | 8.81 | 0.1 | A | 20 | 30 |
| A-BCD | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| A-B | | | | | 0 | 0 |
| A-C | | | | | 174 | 281 |
| D-ABC | 0.03 | 9.82 | 0.0 | A | 11 | 16 |
| C-ABD | 0.00 | 6.44 | 0.0 | A | 0.03 | 0.04 |
| C-D | | | | | 0 | 0 |
| C-A | | | | | 238 | 357 |

Main Results for each time segment

07:15 - 07:30

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 17 | 4 | 528 | 0.031 | 16 | 0.0 | 0.0 | 8.092 | A |
| A-BCD | 0 | 0 | 549 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 143 | 38 | | | 143 | | | | |
| D-ABC | 9 | 2 | 498 | 0.018 | 9 | 0.0 | 0.0 | 8.975 | A |
| C-ABD | 0.02 | 0.01 | 576 | 0.000 | 0.02 | 0.0 | 0.0 | 6.247 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 195 | 49 | | | 195 | | | | |

07:30 - 07:45

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 20 | 5 | 514 | 0.039 | 20 | 0.0 | 0.0 | 8.380 | A |
| A-BCD | 0 | 0 | 539 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 170 | 43 | | | 170 | | | | |
| D-ABC | 10 | 3 | 482 | 0.022 | 10 | 0.0 | 0.0 | 9.312 | A |
| C-ABD | 0.03 | 0.01 | 569 | 0.000 | 0.03 | 0.0 | 0.0 | 6.325 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 233 | 58 | | | 233 | | | | |

07:45 - 08:00

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 24 | 6 | 495 | 0.049 | 24 | 0.0 | 0.1 | 8.808 | A |
| A-BCD | 0 | 0 | 526 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 208 | 52 | | | 208 | | | | |
| D-ABC | 13 | 3 | 460 | 0.028 | 13 | 0.0 | 0.0 | 9.818 | A |
| C-ABD | 0.04 | 0.01 | 559 | 0.000 | 0.04 | 0.0 | 0.0 | 6.435 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 285 | 71 | | | 285 | | | | |

08:00 - 08:15

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 24 | 6 | 495 | 0.049 | 24 | 0.1 | 0.1 | 8.810 | A |
| A-BCD | 0 | 0 | 526 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 208 | 52 | | | 208 | | | | |
| D-ABC | 13 | 3 | 460 | 0.028 | 13 | 0.0 | 0.0 | 9.818 | A |
| C-ABD | 0.04 | 0.01 | 559 | 0.000 | 0.04 | 0.0 | 0.0 | 6.435 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 285 | 71 | | | 285 | | | | |

08:15 - 08:30

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 20 | 5 | 514 | 0.039 | 20 | 0.1 | 0.0 | 8.382 | A |
| A-BCD | 0 | 0 | 539 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 170 | 43 | | | 170 | | | | |
| D-ABC | 10 | 3 | 482 | 0.022 | 10 | 0.0 | 0.0 | 9.315 | A |
| C-ABD | 0.03 | 0.01 | 569 | 0.000 | 0.03 | 0.0 | 0.0 | 6.327 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 233 | 58 | | | 233 | | | | |

08:30 - 08:45

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 17 | 4 | 528 | 0.031 | 17 | 0.0 | 0.0 | 8.098 | A |
| A-BCD | 0 | 0 | 549 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 143 | 36 | | | 143 | | | | |
| D-ABC | 9 | 2 | 498 | 0.018 | 9 | 0.0 | 0.0 | 8.978 | A |
| C-ABD | 0.02 | 0.01 | 576 | 0.000 | 0.02 | 0.0 | 0.0 | 6.247 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 195 | 49 | | | 195 | | | | |

2029DM, PM

Data Errors and Warnings

| Severity | Area | Item | Description |
|----------|-----------------|---|--|
| Warning | Major arm width | A - Honingham Road - Major arm geometry | For two-way major roads, please interpret results with caution if the total major carriageway width is less than 8m. |
| Warning | Major arm width | C - Paddy's Lane - Major arm geometry | For two-way major roads, please interpret results with caution if the total major carriageway width is less than 8m. |

Junction Network

Junctions

| Junction | Name | Junction type | Arm A Direction | Arm B Direction | Arm C Direction | Arm D Direction | Use circulating lanes | Junction Delay (s) | Junction LOS |
|----------|--|---------------|-----------------|-----------------|-----------------|-----------------|-----------------------|--------------------|--------------|
| J26 | Honingham Road/ Paddys Lane/ Weston Green Road | Crossroads | Two-way | Two-way | Two-way | Two-way | | 0.37 | A |

Junction Network

| Driving side | Lighting | Network delay (s) | Network LOS |
|--------------|----------------|-------------------|-------------|
| Left | Normal/unknown | 0.37 | A |

Traffic Demand

Demand Set Details

| ID | Scenario name | Time Period name | Traffic profile type | Start time (HH:mm) | Finish time (HH:mm) | Time segment length (min) | Run automatically |
|----|---------------|------------------|----------------------|--------------------|---------------------|---------------------------|-------------------|
| D2 | 2029DM | PM | ONE HOUR | 16:45 | 18:15 | 15 | ✓ |

| Vehicle mix varies over turn | Vehicle mix varies over entry | Vehicle mix source | PCU Factor for a HV (PCU) |
|------------------------------|-------------------------------|--------------------|---------------------------|
| ✓ | ✓ | HV Percentages | 2.00 |

Demand overview (Traffic)

| Arm | Linked arm | Profile type | Use O-D data | Average Demand (Veh/hr) | Scaling Factor (%) |
|---------------------------|------------|--------------|--------------|-------------------------|--------------------|
| A - Honingham Road | | ONE HOUR | ✓ | 163 | 100.000 |
| B - Weston Green Road (E) | | ONE HOUR | ✓ | 19 | 100.000 |
| C - Paddy's Lane | | ONE HOUR | ✓ | 262 | 100.000 |
| D - Weston Green Road (W) | | ONE HOUR | ✓ | 4 | 100.000 |

Origin-Destination Data

Demand (Veh/hr)

| From | | To | | | |
|------|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| | A - Honingham Road | 0 | 0 | 163 | 0 |
| | B - Weston Green Road (E) | 0.05 | 0 | 1 | 17 |
| | C - Paddy's Lane | 262 | 0.04 | 0 | 0 |
| | D - Weston Green Road (W) | 0 | 4 | 0 | 0 |

Proportions

| From | | To | | |
|------|---------------------------|--------------------|---------------------------|------------------|
| | | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane |
| | A - Honingham Road | 0.00 | 0.00 | 1.00 |
| | B - Weston Green Road (E) | 0.00 | 0.00 | 0.07 |
| | C - Paddy's Lane | 1.00 | 0.00 | 0.00 |
| | D - Weston Green Road (W) | 0.00 | 1.00 | 0.00 |

Vehicle Mix

Heavy Vehicle Percentages

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 0 | 0 | 0 | 0 |
| B - Weston Green Road (E) | 0 | 0 | 0 | 7 |
| C - Paddy's Lane | 0 | 0 | 0 | 0 |
| D - Weston Green Road (W) | 0 | 55 | 0 | 0 |

Average PCU Per Veh

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 1.000 | 1.000 | 1.000 | 1.000 |
| B - Weston Green Road (E) | 1.000 | 1.000 | 1.000 | 1.000 |
| C - Paddy's Lane | 1.000 | 1.000 | 1.000 | 1.000 |
| D - Weston Green Road (W) | 1.000 | 1.550 | 1.000 | 1.000 |

Detailed Demand Data

Demand for each time segment

| Arm | Time Segment | Demand (Veh/hr) | Demand in PCU (PCU/hr) |
|---------------------------|--------------|-----------------|------------------------|
| A - Honingham Road | 16:45-17:00 | 123 | 123 |
| | 17:00-17:15 | 147 | 147 |
| | 17:15-17:30 | 180 | 180 |
| | 17:30-17:45 | 180 | 180 |
| | 17:45-18:00 | 147 | 147 |
| | 18:00-18:15 | 123 | 123 |
| B - Weston Green Road (E) | 16:45-17:00 | 14 | 15 |
| | 17:00-17:15 | 17 | 18 |
| | 17:15-17:30 | 20 | 22 |
| | 17:30-17:45 | 20 | 22 |
| | 17:45-18:00 | 17 | 18 |
| | 18:00-18:15 | 14 | 15 |
| C - Paddy's Lane | 16:45-17:00 | 197 | 197 |
| | 17:00-17:15 | 235 | 235 |
| | 17:15-17:30 | 288 | 288 |
| | 17:30-17:45 | 288 | 288 |
| | 17:45-18:00 | 235 | 235 |
| | 18:00-18:15 | 197 | 197 |
| D - Weston Green Road (W) | 16:45-17:00 | 0 | 0 |
| | 17:00-17:15 | 0 | 0 |
| | 17:15-17:30 | 0 | 0 |
| | 17:30-17:45 | 0 | 0 |
| | 17:45-18:00 | 0 | 0 |
| | 18:00-18:15 | 0 | 0 |

Results

Results Summary for whole modelled period

| Stream | Max RFC | Max Delay (s) | Max Queue (PCU) | Max LOS | Average Demand (PCU/hr) | Total Junction Arrivals (PCU) |
|--------|---------|---------------|-----------------|---------|-------------------------|-------------------------------|
| B-ACD | 0.05 | 8.36 | 0.1 | A | 18 | 27 |
| A-BCD | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| A-B | | | | | 0 | 0 |
| A-C | | | | | 150 | 225 |
| D-ABC | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| C-ABD | 0.00 | 8.35 | 0.0 | A | 0.04 | 0.06 |
| C-D | | | | | 0 | 0 |
| C-A | | | | | 240 | 360 |

Main Results for each time segment

16:45 - 17:00

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 15 | 4 | 514 | 0.029 | 15 | 0.0 | 0.0 | 7.705 | A |
| A-BCD | 0 | 0 | 548 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 123 | 31 | | | 123 | | | | |
| D-ABC | 0 | 0 | 535 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0.03 | 0.01 | 581 | 0.000 | 0.03 | 0.0 | 0.0 | 6.193 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 197 | 49 | | | 197 | | | | |

17:00 - 17:15

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 18 | 4 | 500 | 0.036 | 18 | 0.0 | 0.0 | 7.969 | A |
| A-BCD | 0 | 0 | 539 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 147 | 37 | | | 147 | | | | |
| D-ABC | 0 | 0 | 520 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0.04 | 0.01 | 575 | 0.000 | 0.04 | 0.0 | 0.0 | 6.259 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 235 | 59 | | | 235 | | | | |

17:15 - 17:30

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 22 | 5 | 482 | 0.045 | 22 | 0.0 | 0.1 | 8.380 | A |
| A-BCD | 0 | 0 | 526 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 180 | 45 | | | 180 | | | | |
| D-ABC | 0 | 0 | 499 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0.04 | 0.01 | 567 | 0.000 | 0.04 | 0.0 | 0.0 | 6.352 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 288 | 72 | | | 288 | | | | |

17:30 - 17:45

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 22 | 5 | 482 | 0.045 | 22 | 0.1 | 0.1 | 8.362 | A |
| A-BCD | 0 | 0 | 526 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 180 | 45 | | | 180 | | | | |
| D-ABC | 0 | 0 | 499 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0.04 | 0.01 | 567 | 0.000 | 0.04 | 0.0 | 0.0 | 6.352 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 288 | 72 | | | 288 | | | | |

17:45 - 18:00

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 18 | 4 | 500 | 0.038 | 18 | 0.1 | 0.0 | 7.971 | A |
| A-BCD | 0 | 0 | 539 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 147 | 37 | | | 147 | | | | |
| D-ABC | 0 | 0 | 520 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0.04 | 0.01 | 575 | 0.000 | 0.04 | 0.0 | 0.0 | 8.281 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 235 | 59 | | | 235 | | | | |

18:00 - 18:15

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 15 | 4 | 514 | 0.029 | 15 | 0.0 | 0.0 | 7.709 | A |
| A-BCD | 0 | 0 | 548 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 123 | 31 | | | 123 | | | | |
| D-ABC | 0 | 0 | 535 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0.03 | 0.01 | 581 | 0.000 | 0.03 | 0.0 | 0.0 | 8.193 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 197 | 49 | | | 197 | | | | |

2029DS, AM

Data Errors and Warnings

| Severity | Area | Item | Description |
|----------|-----------------|---|--|
| Warning | Major arm width | A - Honingham Road - Major arm geometry | For two-way major roads, please interpret results with caution if the total major carriageway width is less than 8m. |
| Warning | Major arm width | C - Paddy's Lane - Major arm geometry | For two-way major roads, please interpret results with caution if the total major carriageway width is less than 8m. |
| Warning | Vehicle Mix | | HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning. |

Junction Network

Junctions

| Junction | Name | Junction type | Arm A Direction | Arm B Direction | Arm C Direction | Arm D Direction | Use circulating lanes | Junction Delay (s) | Junction LOS |
|----------|--|---------------|-----------------|-----------------|-----------------|-----------------|-----------------------|--------------------|--------------|
| J26 | Honingham Road/ Paddys Lane/ Weston Green Road | Crossroads | Two-way | Two-way | Two-way | Two-way | | 0.00 | A |

Junction Network

| Driving side | Lighting | Network delay (s) | Network LOS |
|--------------|----------------|-------------------|-------------|
| Left | Normal/unknown | 0.00 | A |

Traffic Demand

Demand Set Details

| ID | Scenario name | Time Period name | Traffic profile type | Start time (HH:mm) | Finish time (HH:mm) | Time segment length (min) | Run automatically |
|----|---------------|------------------|----------------------|--------------------|---------------------|---------------------------|-------------------|
| D3 | 2029DS | AM | ONE HOUR | 07:15 | 08:45 | 15 | ✓ |

| Vehicle mix varies over turn | Vehicle mix varies over entry | Vehicle mix source | PCU Factor for a HV (PCU) |
|------------------------------|-------------------------------|--------------------|---------------------------|
| ✓ | ✓ | HV Percentages | 2.00 |

Demand overview (Traffic)

| Arm | Linked arm | Profile type | Use O-D data | Average Demand (Veh/hr) | Scaling Factor (%) |
|---------------------------|------------|--------------|--------------|-------------------------|--------------------|
| A - Honingham Road | | ONE HOUR | ✓ | 3 | 100.000 |
| B - Weston Green Road (E) | | ONE HOUR | ✓ | 0 | 100.000 |
| C - Paddy's Lane | | ONE HOUR | ✓ | 17 | 100.000 |
| D - Weston Green Road (W) | | ONE HOUR | ✓ | 0 | 100.000 |

Origin-Destination Data

Demand (Veh/hr)

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 0 | 0 | 3 | 0 |
| B - Weston Green Road (E) | 0 | 0 | 0 | 0 |
| C - Paddy's Lane | 17 | 0 | 0 | 0 |
| D - Weston Green Road (W) | 0 | 0 | 0 | 0 |

Proportions

| From | To | | |
|---------------------------|--------------------|---------------------------|------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane |
| A - Honingham Road | 0.00 | 0.00 | 1.00 |
| B - Weston Green Road (E) | 0.25 | 0.25 | 0.25 |
| C - Paddy's Lane | 1.00 | 0.00 | 0.00 |
| D - Weston Green Road (W) | 0.25 | 0.25 | 0.25 |

Vehicle Mix

Heavy Vehicle Percentages

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 0 | 0 | 0 | 0 |
| B - Weston Green Road (E) | 0 | 0 | 0 | 0 |
| C - Paddy's Lane | 0 | 0 | 0 | 0 |
| D - Weston Green Road (W) | 0 | 0 | 0 | 0 |

Average PCU Per Veh

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 1.000 | 1.000 | 1.000 | 1.000 |
| B - Weston Green Road (E) | 1.000 | 1.000 | 1.000 | 1.000 |
| C - Paddy's Lane | 1.000 | 1.000 | 1.000 | 1.000 |
| D - Weston Green Road (W) | 1.000 | 1.000 | 1.000 | 1.000 |

Detailed Demand Data

Demand for each time segment

| Arm | Time Segment | Demand (Veh/hr) | Demand in PCU (PCU/hr) |
|---------------------------|--------------|-----------------|------------------------|
| A - Honingham Road | 07:15-07:30 | 0 | 0 |
| | 07:30-07:45 | 0 | 0 |
| | 07:45-08:00 | 0 | 0 |
| | 08:00-08:15 | 0 | 0 |
| | 08:15-08:30 | 0 | 0 |
| | 08:30-08:45 | 0 | 0 |
| B - Weston Green Road (E) | 07:15-07:30 | 0 | 0 |
| | 07:30-07:45 | 0 | 0 |
| | 07:45-08:00 | 0 | 0 |
| | 08:00-08:15 | 0 | 0 |
| | 08:15-08:30 | 0 | 0 |
| | 08:30-08:45 | 0 | 0 |
| C - Paddy's Lane | 07:15-07:30 | 13 | 13 |
| | 07:30-07:45 | 15 | 15 |
| | 07:45-08:00 | 18 | 18 |
| | 08:00-08:15 | 18 | 18 |
| | 08:15-08:30 | 15 | 15 |
| | 08:30-08:45 | 13 | 13 |
| D - Weston Green Road (W) | 07:15-07:30 | 0 | 0 |
| | 07:30-07:45 | 0 | 0 |
| | 07:45-08:00 | 0 | 0 |
| | 08:00-08:15 | 0 | 0 |
| | 08:15-08:30 | 0 | 0 |
| | 08:30-08:45 | 0 | 0 |

Results

Results Summary for whole modelled period

| Stream | Max RFC | Max Delay (s) | Max Queue (PCU) | Max LOS | Average Demand (PCU/hr) | Total Junction Arrivals (PCU) |
|--------|---------|---------------|-----------------|---------|-------------------------|-------------------------------|
| B-ACD | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| A-BCD | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| A-B | | | | | 0 | 0 |
| A-C | | | | | 0 | 0 |
| D-ABC | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| C-ABD | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| C-D | | | | | 0 | 0 |
| C-A | | | | | 15 | 23 |

Main Results for each time segment

07:15 - 07:30

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 606 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 594 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 0 | 0 | | | 0 | | | | |
| D-ABC | 0 | 0 | 610 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 613 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 13 | 3 | | | 13 | | | | |

07:30 - 07:45

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 605 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 594 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 0 | 0 | | | 0 | | | | |
| D-ABC | 0 | 0 | 609 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 613 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 15 | 4 | | | 15 | | | | |

07:45 - 08:00

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 605 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 593 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 0 | 0 | | | 0 | | | | |
| D-ABC | 0 | 0 | 608 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 613 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 18 | 5 | | | 18 | | | | |

08:00 - 08:15

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 605 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 593 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 0 | 0 | | | 0 | | | | |
| D-ABC | 0 | 0 | 608 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 613 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 18 | 5 | | | 18 | | | | |

08:15 - 08:30

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 605 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 594 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 0 | 0 | | | 0 | | | | |
| D-ABC | 0 | 0 | 609 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 613 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 15 | 4 | | | 15 | | | | |

08:30 - 08:45

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 606 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 594 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 0 | 0 | | | 0 | | | | |
| D-ABC | 0 | 0 | 610 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 613 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 13 | 3 | | | 13 | | | | |

2029DS, PM

Data Errors and Warnings

| Severity | Area | Item | Description |
|----------|-----------------|---|--|
| Warning | Major arm width | A - Honingham Road - Major arm geometry | For two-way major roads, please interpret results with caution if the total major carriageway width is less than 8m. |
| Warning | Major arm width | C - Paddy's Lane - Major arm geometry | For two-way major roads, please interpret results with caution if the total major carriageway width is less than 8m. |
| Warning | Vehicle Mix | | HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning. |

Junction Network

Junctions

| Junction | Name | Junction type | Arm A Direction | Arm B Direction | Arm C Direction | Arm D Direction | Use circulating lanes | Junction Delay (s) | Junction LOS |
|----------|--|---------------|-----------------|-----------------|-----------------|-----------------|-----------------------|--------------------|--------------|
| J26 | Honingham Road/ Paddys Lane/ Weston Green Road | Crossroads | Two-way | Two-way | Two-way | Two-way | | 0.00 | A |

Junction Network

| Driving side | Lighting | Network delay (s) | Network LOS |
|--------------|----------------|-------------------|-------------|
| Left | Normal/unknown | 0.00 | A |

Traffic Demand

Demand Set Details

| ID | Scenario name | Time Period name | Traffic profile type | Start time (HH:mm) | Finish time (HH:mm) | Time segment length (min) | Run automatically |
|----|---------------|------------------|----------------------|--------------------|---------------------|---------------------------|-------------------|
| D4 | 2029DS | PM | ONE HOUR | 16:45 | 18:15 | 15 | ✓ |

| Vehicle mix varies over turn | Vehicle mix varies over entry | Vehicle mix source | PCU Factor for a HV (PCU) |
|------------------------------|-------------------------------|--------------------|---------------------------|
| ✓ | ✓ | HV Percentages | 2.00 |

Demand overview (Traffic)

| Arm | Linked arm | Profile type | Use O-D data | Average Demand (Veh/hr) | Scaling Factor (%) |
|---------------------------|------------|--------------|--------------|-------------------------|--------------------|
| A - Honingham Road | | ONE HOUR | ✓ | 9 | 100.000 |
| B - Weston Green Road (E) | | ONE HOUR | ✓ | 0 | 100.000 |
| C - Paddy's Lane | | ONE HOUR | ✓ | 20 | 100.000 |
| D - Weston Green Road (W) | | ONE HOUR | ✓ | 0 | 100.000 |

Origin-Destination Data

Demand (Veh/hr)

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 0 | 0 | 9 | 0 |
| B - Weston Green Road (E) | 0 | 0 | 0 | 0 |
| C - Paddy's Lane | 20 | 0 | 0 | 0 |
| D - Weston Green Road (W) | 0 | 0 | 0 | 0 |

Proportions

| From | To | | |
|---------------------------|--------------------|---------------------------|------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane |
| A - Honingham Road | 0.00 | 0.00 | 1.00 |
| B - Weston Green Road (E) | 0.25 | 0.25 | 0.25 |
| C - Paddy's Lane | 1.00 | 0.00 | 0.00 |
| D - Weston Green Road (W) | 0.25 | 0.25 | 0.25 |

Vehicle Mix

Heavy Vehicle Percentages

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 0 | 0 | 0 | 0 |
| B - Weston Green Road (E) | 0 | 0 | 0 | 0 |
| C - Paddy's Lane | 0 | 0 | 0 | 0 |
| D - Weston Green Road (W) | 0 | 0 | 0 | 0 |

Average PCU Per Veh

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 1.000 | 1.000 | 1.000 | 1.000 |
| B - Weston Green Road (E) | 1.000 | 1.000 | 1.000 | 1.000 |
| C - Paddy's Lane | 1.000 | 1.000 | 1.000 | 1.000 |
| D - Weston Green Road (W) | 1.000 | 1.000 | 1.000 | 1.000 |

Detailed Demand Data

Demand for each time segment

| Arm | Time Segment | Demand (Veh/hr) | Demand in PCU (PCU/hr) |
|---------------------------|--------------|-----------------|------------------------|
| A - Honingham Road | 16:45-17:00 | 7 | 7 |
| | 17:00-17:15 | 8 | 8 |
| | 17:15-17:30 | 10 | 10 |
| | 17:30-17:45 | 10 | 10 |
| | 17:45-18:00 | 8 | 8 |
| | 18:00-18:15 | 7 | 7 |
| B - Weston Green Road (E) | 16:45-17:00 | 0 | 0 |
| | 17:00-17:15 | 0 | 0 |
| | 17:15-17:30 | 0 | 0 |
| | 17:30-17:45 | 0 | 0 |
| | 17:45-18:00 | 0 | 0 |
| | 18:00-18:15 | 0 | 0 |
| C - Paddy's Lane | 16:45-17:00 | 15 | 15 |
| | 17:00-17:15 | 18 | 18 |
| | 17:15-17:30 | 22 | 22 |
| | 17:30-17:45 | 22 | 22 |
| | 17:45-18:00 | 18 | 18 |
| | 18:00-18:15 | 15 | 15 |
| D - Weston Green Road (W) | 16:45-17:00 | 0 | 0 |
| | 17:00-17:15 | 0 | 0 |
| | 17:15-17:30 | 0 | 0 |
| | 17:30-17:45 | 0 | 0 |
| | 17:45-18:00 | 0 | 0 |
| | 18:00-18:15 | 0 | 0 |

Results

Results Summary for whole modelled period

| Stream | Max RFC | Max Delay (s) | Max Queue (PCU) | Max LOS | Average Demand (PCU/hr) | Total Junction Arrivals (PCU) |
|--------|---------|---------------|-----------------|---------|-------------------------|-------------------------------|
| B-ACD | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| A-BCD | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| A-B | | | | | 0 | 0 |
| A-C | | | | | 8 | 12 |
| D-ABC | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| C-ABD | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| C-D | | | | | 0 | 0 |
| C-A | | | | | 19 | 28 |

Main Results for each time segment

16:45 - 17:00

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 603 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 594 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 7 | 2 | | | 7 | | | | |
| D-ABC | 0 | 0 | 608 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 611 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 15 | 4 | | | 15 | | | | |

17:00 - 17:15

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 603 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 593 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 8 | 2 | | | 8 | | | | |
| D-ABC | 0 | 0 | 607 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 611 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 18 | 5 | | | 18 | | | | |

17:15 - 17:30

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 601 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 592 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 10 | 2 | | | 10 | | | | |
| D-ABC | 0 | 0 | 606 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 610 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 22 | 6 | | | 22 | | | | |

17:30 - 17:45

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 601 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 592 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 10 | 2 | | | 10 | | | | |
| D-ABC | 0 | 0 | 606 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 610 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 22 | 6 | | | 22 | | | | |

17:45 - 18:00

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 603 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 593 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 8 | 2 | | | 8 | | | | |
| D-ABC | 0 | 0 | 607 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 611 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 18 | 5 | | | 18 | | | | |

18:00 - 18:15

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 603 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 594 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 7 | 2 | | | 7 | | | | |
| D-ABC | 0 | 0 | 608 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 611 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 15 | 4 | | | 15 | | | | |



2039DS, PM

Data Errors and Warnings

| Severity | Area | Item | Description |
|----------|-----------------|---|--|
| Warning | Major arm width | A - Honingham Road - Major arm geometry | For two-way major roads, please interpret results with caution if the total major carriageway width is less than 8m. |
| Warning | Major arm width | C - Paddy's Lane - Major arm geometry | For two-way major roads, please interpret results with caution if the total major carriageway width is less than 8m. |
| Warning | Vehicle Mix | | HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning. |

Junction Network

Junctions

| Junction | Name | Junction type | Arm A Direction | Arm B Direction | Arm C Direction | Arm D Direction | Use circulating lanes | Junction Delay (s) | Junction LOS |
|----------|--|---------------|-----------------|-----------------|-----------------|-----------------|-----------------------|--------------------|--------------|
| J26 | Honingham Road/ Paddys Lane/ Weston Green Road | Crossroads | Two-way | Two-way | Two-way | Two-way | | 0.00 | A |

Junction Network

| Driving side | Lighting | Network delay (s) | Network LOS |
|--------------|----------------|-------------------|-------------|
| Left | Normal/unknown | 0.00 | A |

Traffic Demand

Demand Set Details

| ID | Scenario name | Time Period name | Traffic profile type | Start time (HH:mm) | Finish time (HH:mm) | Time segment length (min) | Run automatically |
|-----|---------------|------------------|----------------------|--------------------|---------------------|---------------------------|-------------------|
| D10 | 2039DS | PM | ONE HOUR | 16:45 | 18:15 | 15 | ✓ |

| Vehicle mix varies over turn | Vehicle mix varies over entry | Vehicle mix source | PCU Factor for a HV (PCU) |
|------------------------------|-------------------------------|--------------------|---------------------------|
| ✓ | ✓ | HV Percentages | 2.00 |

Demand overview (Traffic)

| Arm | Linked arm | Profile type | Use O-D data | Average Demand (Veh/hr) | Scaling Factor (%) |
|---------------------------|------------|--------------|--------------|-------------------------|--------------------|
| A - Honingham Road | | ONE HOUR | ✓ | 9 | 100.000 |
| B - Weston Green Road (E) | | ONE HOUR | ✓ | 0 | 100.000 |
| C - Paddy's Lane | | ONE HOUR | ✓ | 18 | 100.000 |
| D - Weston Green Road (W) | | ONE HOUR | ✓ | 0 | 100.000 |

Origin-Destination Data

Demand (Veh/hr)

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 0 | 0 | 9 | 0 |
| B - Weston Green Road (E) | 0 | 0 | 0 | 0 |
| C - Paddy's Lane | 18 | 0 | 0 | 0 |
| D - Weston Green Road (W) | 0 | 0 | 0 | 0 |

Proportions

| From | To | | |
|---------------------------|--------------------|---------------------------|------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane |
| A - Honingham Road | 0.00 | 0.00 | 1.00 |
| B - Weston Green Road (E) | 0.25 | 0.25 | 0.25 |
| C - Paddy's Lane | 1.00 | 0.00 | 0.00 |
| D - Weston Green Road (W) | 0.25 | 0.25 | 0.25 |

Vehicle Mix

Heavy Vehicle Percentages

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 0 | 0 | 0 | 0 |
| B - Weston Green Road (E) | 0 | 0 | 0 | 0 |
| C - Paddy's Lane | 0 | 0 | 0 | 0 |
| D - Weston Green Road (W) | 0 | 0 | 0 | 0 |

Average PCU Per Veh

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 1.000 | 1.000 | 1.000 | 1.000 |
| B - Weston Green Road (E) | 1.000 | 1.000 | 1.000 | 1.000 |
| C - Paddy's Lane | 1.000 | 1.000 | 1.000 | 1.000 |
| D - Weston Green Road (W) | 1.000 | 1.000 | 1.000 | 1.000 |

Detailed Demand Data

Demand for each time segment

| Arm | Time Segment | Demand (Veh/hr) | Demand in PCU (PCU/hr) |
|---------------------------|--------------|-----------------|------------------------|
| A - Honingham Road | 16:45-17:00 | 7 | 7 |
| | 17:00-17:15 | 8 | 8 |
| | 17:15-17:30 | 10 | 10 |
| | 17:30-17:45 | 10 | 10 |
| | 17:45-18:00 | 8 | 8 |
| | 18:00-18:15 | 7 | 7 |
| B - Weston Green Road (E) | 16:45-17:00 | 0 | 0 |
| | 17:00-17:15 | 0 | 0 |
| | 17:15-17:30 | 0 | 0 |
| | 17:30-17:45 | 0 | 0 |
| | 17:45-18:00 | 0 | 0 |
| | 18:00-18:15 | 0 | 0 |
| C - Paddy's Lane | 16:45-17:00 | 14 | 14 |
| | 17:00-17:15 | 16 | 16 |
| | 17:15-17:30 | 20 | 20 |
| | 17:30-17:45 | 20 | 20 |
| | 17:45-18:00 | 16 | 16 |
| | 18:00-18:15 | 14 | 14 |
| D - Weston Green Road (W) | 16:45-17:00 | 0 | 0 |
| | 17:00-17:15 | 0 | 0 |
| | 17:15-17:30 | 0 | 0 |
| | 17:30-17:45 | 0 | 0 |
| | 17:45-18:00 | 0 | 0 |
| | 18:00-18:15 | 0 | 0 |

Results

Results Summary for whole modelled period

| Stream | Max RFC | Max Delay (s) | Max Queue (PCU) | Max LOS | Average Demand (PCU/hr) | Total Junction Arrivals (PCU) |
|--------|---------|---------------|-----------------|---------|-------------------------|-------------------------------|
| B-ACD | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| A-BCD | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| A-B | | | | | 0 | 0 |
| A-C | | | | | 8 | 12 |
| D-ABC | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| C-ABD | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| C-D | | | | | 0 | 0 |
| C-A | | | | | 17 | 25 |

Main Results for each time segment

16:45 - 17:00

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 604 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 594 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 7 | 2 | | | 7 | | | | |
| D-ABC | 0 | 0 | 609 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 611 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 14 | 3 | | | 14 | | | | |

17:00 - 17:15

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 603 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 593 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 8 | 2 | | | 8 | | | | |
| D-ABC | 0 | 0 | 608 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 611 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 16 | 4 | | | 16 | | | | |

17:15 - 17:30

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 602 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 593 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 10 | 2 | | | 10 | | | | |
| D-ABC | 0 | 0 | 606 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 610 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 20 | 5 | | | 20 | | | | |

17:30 - 17:45

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 602 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 593 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 10 | 2 | | | 10 | | | | |
| D-ABC | 0 | 0 | 606 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 610 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 20 | 5 | | | 20 | | | | |

17:45 - 18:00

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 603 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 593 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 8 | 2 | | | 8 | | | | |
| D-ABC | 0 | 0 | 608 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 611 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 16 | 4 | | | 16 | | | | |

18:00 - 18:15

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 604 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 594 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 7 | 2 | | | 7 | | | | |
| D-ABC | 0 | 0 | 609 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 611 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 14 | 3 | | | 14 | | | | |

2039DS_Mitigation, AM

Data Errors and Warnings

| Severity | Area | Item | Description |
|----------|-----------------|---|--|
| Warning | Major arm width | A - Honingham Road - Major arm geometry | For two-way major roads, please interpret results with caution if the total major carriageway width is less than 8m. |
| Warning | Major arm width | C - Paddy's Lane - Major arm geometry | For two-way major roads, please interpret results with caution if the total major carriageway width is less than 8m. |
| Warning | Vehicle Mix | | HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning. |

Junction Network

Junctions

| Junction | Name | Junction type | Arm A Direction | Arm B Direction | Arm C Direction | Arm D Direction | Use circulating lanes | Junction Delay (s) | Junction LOS |
|----------|--|---------------|-----------------|-----------------|-----------------|-----------------|-----------------------|--------------------|--------------|
| J26 | Honingham Road/ Paddys Lane/ Weston Green Road | Crossroads | Two-way | Two-way | Two-way | Two-way | | 0.00 | A |

Junction Network

| Driving side | Lighting | Network delay (s) | Network LOS |
|--------------|----------------|-------------------|-------------|
| Left | Normal/unknown | 0.00 | A |

Traffic Demand

Demand Set Details

| ID | Scenario name | Time Period name | Traffic profile type | Start time (HH:mm) | Finish time (HH:mm) | Time segment length (min) | Run automatically |
|-----|-------------------|------------------|----------------------|--------------------|---------------------|---------------------------|-------------------|
| D11 | 2039DS_Mitigation | AM | ONE HOUR | 07:15 | 08:45 | 15 | ✓ |

| Vehicle mix varies over turn | Vehicle mix varies over entry | Vehicle mix source | PCU Factor for a HV (PCU) |
|------------------------------|-------------------------------|--------------------|---------------------------|
| ✓ | ✓ | HV Percentages | 2.00 |

Demand overview (Traffic)

| Arm | Linked arm | Profile type | Use O-D data | Average Demand (Veh/hr) | Scaling Factor (%) |
|---------------------------|------------|--------------|--------------|-------------------------|--------------------|
| A - Honingham Road | | ONE HOUR | ✓ | 4 | 100.000 |
| B - Weston Green Road (E) | | ONE HOUR | ✓ | 0 | 100.000 |
| C - Paddy's Lane | | ONE HOUR | ✓ | 12 | 100.000 |
| D - Weston Green Road (W) | | ONE HOUR | ✓ | 0 | 100.000 |

Origin-Destination Data

Demand (Veh/hr)

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 0 | 0 | 4 | 0 |
| B - Weston Green Road (E) | 0 | 0 | 0 | 0 |
| C - Paddy's Lane | 12 | 0 | 0 | 0 |
| D - Weston Green Road (W) | 0 | 0 | 0 | 0 |

Proportions

| From | To | | |
|---------------------------|--------------------|---------------------------|------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane |
| A - Honingham Road | 0.00 | 0.00 | 1.00 |
| B - Weston Green Road (E) | 0.25 | 0.25 | 0.25 |
| C - Paddy's Lane | 1.00 | 0.00 | 0.00 |
| D - Weston Green Road (W) | 0.25 | 0.25 | 0.25 |

Vehicle Mix

Heavy Vehicle Percentages

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 0 | 0 | 0 | 0 |
| B - Weston Green Road (E) | 0 | 0 | 0 | 0 |
| C - Paddy's Lane | 0 | 0 | 0 | 0 |
| D - Weston Green Road (W) | 0 | 0 | 0 | 0 |

Average PCU Per Veh

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 1.000 | 1.000 | 1.000 | 1.000 |
| B - Weston Green Road (E) | 1.000 | 1.000 | 1.000 | 1.000 |
| C - Paddy's Lane | 1.000 | 1.000 | 1.000 | 1.000 |
| D - Weston Green Road (W) | 1.000 | 1.000 | 1.000 | 1.000 |

Detailed Demand Data

Demand for each time segment

| Arm | Time Segment | Demand (Veh/hr) | Demand in PCU (PCU/hr) |
|---------------------------|--------------|-----------------|------------------------|
| A - Honingham Road | 07:15-07:30 | 0 | 0 |
| | 07:30-07:45 | 0 | 0 |
| | 07:45-08:00 | 0 | 0 |
| | 08:00-08:15 | 0 | 0 |
| | 08:15-08:30 | 0 | 0 |
| | 08:30-08:45 | 0 | 0 |
| B - Weston Green Road (E) | 07:15-07:30 | 0 | 0 |
| | 07:30-07:45 | 0 | 0 |
| | 07:45-08:00 | 0 | 0 |
| | 08:00-08:15 | 0 | 0 |
| | 08:15-08:30 | 0 | 0 |
| | 08:30-08:45 | 0 | 0 |
| C - Paddy's Lane | 07:15-07:30 | 9 | 9 |
| | 07:30-07:45 | 11 | 11 |
| | 07:45-08:00 | 13 | 13 |
| | 08:00-08:15 | 13 | 13 |
| | 08:15-08:30 | 11 | 11 |
| | 08:30-08:45 | 9 | 9 |
| D - Weston Green Road (W) | 07:15-07:30 | 0 | 0 |
| | 07:30-07:45 | 0 | 0 |
| | 07:45-08:00 | 0 | 0 |
| | 08:00-08:15 | 0 | 0 |
| | 08:15-08:30 | 0 | 0 |
| | 08:30-08:45 | 0 | 0 |

Results

Results Summary for whole modelled period

| Stream | Max RFC | Max Delay (s) | Max Queue (PCU) | Max LOS | Average Demand (PCU/hr) | Total Junction Arrivals (PCU) |
|--------|---------|---------------|-----------------|---------|-------------------------|-------------------------------|
| B-ACD | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| A-BCD | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| A-B | | | | | 0 | 0 |
| A-C | | | | | 0 | 0 |
| D-ABC | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| C-ABD | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| C-D | | | | | 0 | 0 |
| C-A | | | | | 11 | 16 |

Main Results for each time segment

07:15 - 07:30

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 606 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 595 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 0 | 0 | | | 0 | | | | |
| D-ABC | 0 | 0 | 611 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 613 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 9 | 2 | | | 9 | | | | |

07:30 - 07:45

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 606 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 595 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 0 | 0 | | | 0 | | | | |
| D-ABC | 0 | 0 | 611 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 613 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 11 | 3 | | | 11 | | | | |

07:45 - 08:00

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 606 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 594 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 0 | 0 | | | 0 | | | | |
| D-ABC | 0 | 0 | 610 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 613 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 13 | 3 | | | 13 | | | | |

08:00 - 08:15

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 606 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 594 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 0 | 0 | | | 0 | | | | |
| D-ABC | 0 | 0 | 610 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 613 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 13 | 3 | | | 13 | | | | |

08:15 - 08:30

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 606 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 595 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 0 | 0 | | | 0 | | | | |
| D-ABC | 0 | 0 | 611 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 613 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 11 | 3 | | | 11 | | | | |

08:30 - 08:45

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 606 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 595 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 0 | 0 | | | 0 | | | | |
| D-ABC | 0 | 0 | 611 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 613 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 9 | 2 | | | 9 | | | | |

2039DS_Mitigation, PM

Data Errors and Warnings

| Severity | Area | Item | Description |
|----------|-----------------|---|--|
| Warning | Major arm width | A - Honingham Road - Major arm geometry | For two-way major roads, please interpret results with caution if the total major carriageway width is less than 8m. |
| Warning | Major arm width | C - Paddy's Lane - Major arm geometry | For two-way major roads, please interpret results with caution if the total major carriageway width is less than 8m. |
| Warning | Vehicle Mix | | HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning. |

Junction Network

Junctions

| Junction | Name | Junction type | Arm A Direction | Arm B Direction | Arm C Direction | Arm D Direction | Use circulating lanes | Junction Delay (s) | Junction LOS |
|----------|--|---------------|-----------------|-----------------|-----------------|-----------------|-----------------------|--------------------|--------------|
| J26 | Honingham Road/ Paddys Lane/ Weston Green Road | Crossroads | Two-way | Two-way | Two-way | Two-way | | 0.00 | A |

Junction Network

| Driving side | Lighting | Network delay (s) | Network LOS |
|--------------|----------------|-------------------|-------------|
| Left | Normal/unknown | 0.00 | A |

Traffic Demand

Demand Set Details

| ID | Scenario name | Time Period name | Traffic profile type | Start time (HH:mm) | Finish time (HH:mm) | Time segment length (min) | Run automatically |
|-----|-------------------|------------------|----------------------|--------------------|---------------------|---------------------------|-------------------|
| D12 | 2039DS_Mitigation | PM | ONE HOUR | 16:45 | 18:15 | 15 | ✓ |

| Vehicle mix varies over turn | Vehicle mix varies over entry | Vehicle mix source | PCU Factor for a HV (PCU) |
|------------------------------|-------------------------------|--------------------|---------------------------|
| ✓ | ✓ | HV Percentages | 2.00 |

Demand overview (Traffic)

| Arm | Linked arm | Profile type | Use O-D data | Average Demand (Veh/hr) | Scaling Factor (%) |
|---------------------------|------------|--------------|--------------|-------------------------|--------------------|
| A - Honingham Road | | ONE HOUR | ✓ | 9 | 100.000 |
| B - Weston Green Road (E) | | ONE HOUR | ✓ | 0 | 100.000 |
| C - Paddy's Lane | | ONE HOUR | ✓ | 19 | 100.000 |
| D - Weston Green Road (W) | | ONE HOUR | ✓ | 0 | 100.000 |

Origin-Destination Data

Demand (Veh/hr)

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 0 | 0 | 9 | 0 |
| B - Weston Green Road (E) | 0 | 0 | 0 | 0 |
| C - Paddy's Lane | 19 | 0 | 0 | 0 |
| D - Weston Green Road (W) | 0 | 0 | 0 | 0 |

Proportions

| From | To | | |
|---------------------------|--------------------|---------------------------|------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane |
| A - Honingham Road | 0.00 | 0.00 | 1.00 |
| B - Weston Green Road (E) | 0.25 | 0.25 | 0.25 |
| C - Paddy's Lane | 1.00 | 0.00 | 0.00 |
| D - Weston Green Road (W) | 0.25 | 0.25 | 0.25 |

Vehicle Mix

Heavy Vehicle Percentages

| From | To | | | |
|---------------------------|--------------------|---------------------------|------------------|---------------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane | D - Weston Green Road (W) |
| A - Honingham Road | 0 | 0 | 0 | 0 |
| B - Weston Green Road (E) | 0 | 0 | 0 | 0 |
| C - Paddy's Lane | 0 | 0 | 0 | 0 |
| D - Weston Green Road (W) | 0 | 0 | 0 | 0 |

Average PCU Per Veh

| From | To | | |
|---------------------------|--------------------|---------------------------|------------------|
| | A - Honingham Road | B - Weston Green Road (E) | C - Paddy's Lane |
| A - Honingham Road | 1.000 | 1.000 | 1.000 |
| B - Weston Green Road (E) | 1.000 | 1.000 | 1.000 |
| C - Paddy's Lane | 1.000 | 1.000 | 1.000 |
| D - Weston Green Road (W) | 1.000 | 1.000 | 1.000 |

Detailed Demand Data

Demand for each time segment

| Arm | Time Segment | Demand (Veh/hr) | Demand in PCU (PCU/hr) |
|---------------------------|--------------|-----------------|------------------------|
| A - Honingham Road | 16:45-17:00 | 6 | 6 |
| | 17:00-17:15 | 8 | 8 |
| | 17:15-17:30 | 9 | 9 |
| | 17:30-17:45 | 9 | 9 |
| | 17:45-18:00 | 8 | 8 |
| | 18:00-18:15 | 6 | 6 |
| B - Weston Green Road (E) | 16:45-17:00 | 0 | 0 |
| | 17:00-17:15 | 0 | 0 |
| | 17:15-17:30 | 0 | 0 |
| | 17:30-17:45 | 0 | 0 |
| | 17:45-18:00 | 0 | 0 |
| | 18:00-18:15 | 0 | 0 |
| C - Paddy's Lane | 16:45-17:00 | 14 | 14 |
| | 17:00-17:15 | 17 | 17 |
| | 17:15-17:30 | 20 | 20 |
| | 17:30-17:45 | 20 | 20 |
| | 17:45-18:00 | 17 | 17 |
| | 18:00-18:15 | 14 | 14 |
| D - Weston Green Road (W) | 16:45-17:00 | 0 | 0 |
| | 17:00-17:15 | 0 | 0 |
| | 17:15-17:30 | 0 | 0 |
| | 17:30-17:45 | 0 | 0 |
| | 17:45-18:00 | 0 | 0 |
| | 18:00-18:15 | 0 | 0 |

Results

Results Summary for whole modelled period

| Stream | Max RFC | Max Delay (s) | Max Queue (PCU) | Max LOS | Average Demand (PCU/hr) | Total Junction Arrivals (PCU) |
|--------|---------|---------------|-----------------|---------|-------------------------|-------------------------------|
| B-ACD | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| A-BCD | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| A-B | | | | | 0 | 0 |
| A-C | | | | | 8 | 12 |
| D-ABC | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| C-ABD | 0.00 | 0.00 | 0.0 | A | 0 | 0 |
| C-D | | | | | 0 | 0 |
| C-A | | | | | 17 | 25 |

Main Results for each time segment

16:45 - 17:00

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 604 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 594 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 6 | 2 | | | 6 | | | | |
| D-ABC | 0 | 0 | 609 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 611 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 14 | 3 | | | 14 | | | | |

17:00 - 17:15

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 603 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 593 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 8 | 2 | | | 8 | | | | |
| D-ABC | 0 | 0 | 608 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 611 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 17 | 4 | | | 17 | | | | |

17:15 - 17:30

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 602 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 592 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 9 | 2 | | | 9 | | | | |
| D-ABC | 0 | 0 | 606 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 610 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 20 | 5 | | | 20 | | | | |

17:30 - 17:45

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 602 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 592 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 9 | 2 | | | 9 | | | | |
| D-ABC | 0 | 0 | 606 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 610 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 20 | 5 | | | 20 | | | | |

17:45 - 18:00

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 603 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 593 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 8 | 2 | | | 8 | | | | |
| D-ABC | 0 | 0 | 608 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 611 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 17 | 4 | | | 17 | | | | |

18:00 - 18:15

| Stream | Total Demand (PCU/hr) | Junction Arrivals (PCU) | Capacity (PCU/hr) | RFC | Throughput (PCU/hr) | Start queue (PCU) | End queue (PCU) | Delay (s) | Unsignalised level of service |
|--------|-----------------------|-------------------------|-------------------|-------|---------------------|-------------------|-----------------|-----------|-------------------------------|
| B-ACD | 0 | 0 | 604 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-BCD | 0 | 0 | 594 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| A-B | 0 | 0 | | | 0 | | | | |
| A-C | 6 | 2 | | | 6 | | | | |
| D-ABC | 0 | 0 | 609 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-ABD | 0 | 0 | 611 | 0.000 | 0 | 0.0 | 0.0 | 0.000 | A |
| C-D | 0 | 0 | | | 0 | | | | |
| C-A | 14 | 3 | | | 14 | | | | |

