

PICADY OUTPUT

Output for Table 6

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CAPACITIES, QUEUES, AND DELAYS AT 3 OR 4-ARM MAJOR/MINOR PRIORITY JUNCTIONS

PICADY 5.0 ANALYSIS PROGRAM
RELEASE 3.0 (JUNE 2006)

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PROGRAM ADVICE AND MAINTENANCE CONTACT:
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THE USER OF THIS COMPUTER PROGRAM FOR THE SOLUTION OF AN ENGINEERING PROBLEM IS
IN NO WAY RELIEVED OF HIS RESPONSIBILITY FOR THE CORRECTNESS OF THE SOLUTION

Run with file:-
"J:\211000\211967 BL Midland Road Access\4 Internal Project Data\4-04 Arup Calculations\PICADY Model\
Base Flow AM.vpi"
(drive-on-the-left) at 11:22:01 on Friday, 22 January 2010

RUN INFORMATION

RUN TITLE: Base Flow
LOCATION: BL Acces Road
DATE: 14/01/10
CLIENT: British Library
ENUMERATOR: david.mccann [PLPPC061814]
JOB NUMBER: 211967-00
STATUS:
DESCRIPTION:

.MAJOR/MINOR JUNCTION CAPACITY AND DELAY

INPUT DATA

WARNING SEGMENT LENGTH GREATER THAN 15 MINUTES.

MAJOR ROAD (ARM C) ----- MAJOR ROAD (ARM A)

I
I
I
I
I
I
MINOR ROAD (ARM B)

ARM A IS Midland Road (South)
ARM B IS BL Access Road
ARM C IS Midland Road (North)

STREAM LABELLING CONVENTION

STREAM A-B CONTAINS TRAFFIC GOING FROM ARM A TO ARM B

STREAM B-AC CONTAINS TRAFFIC GOING FROM ARM B TO ARM A AND TO ARM C

ETC.

TRL

TRL VIEWER

2.0 AE C:\Temporarytransfer\UKCMRI\BL Access Planning Application\New Folder\Base Flow\B

GEOMETRIC DATA

| I | DATA ITEM | I | MINOR ROAD B | I |
|---|------------------------------------|----------|--------------|---|
| I | TOTAL MAJOR ROAD CARRIAGEWAY WIDTH | I (W) | 8.00 M. | I |
| I | CENTRAL RESERVE WIDTH | I (WCR) | 0.00 M. | I |
| I | | I | | I |
| I | MAJOR ROAD RIGHT TURN - WIDTH | I (WC-B) | 3.50 M. | I |
| I | - VISIBILITY | I (VC-B) | 200.0 M. | I |
| I | - BLOCKS TRAFFIC | I | NO | I |
| I | | I | | I |
| I | MINOR ROAD - VISIBILITY TO LEFT | I (VB-C) | 18.0 M. | I |
| I | - VISIBILITY TO RIGHT | I (VB-A) | 100.0 M. | I |
| I | - LANE 1 WIDTH | I (WB-C) | 4.00 M. | I |
| I | - LANE 2 WIDTH | I (WB-A) | 0.00 M. | I |

.SLOPES AND INTERCEPT

(NB:Streams may be combined, in which case capacity
will be adjusted)

| I | Intercept For Slope For Opposing Stream B-C | Slope For Opposing Stream A-C | I |
|---|---|-------------------------------|------|
| I | 755.66 | 0.27 | 0.11 |

| I | Intercept For Slope For Opposing Stream B-A | Slope For Opposing Stream A-C | Slope For Opposing Stream A-B | Slope For Opposing Stream C-A | Slope For Opposing Stream C-B | I |
|---|---|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---|
| I | 585.60 | 0.25 | 0.10 | 0.15 | 0.35 | I |

| I | Intercept For Slope For Opposing Stream C-B | Slope For Opposing Stream A-C | Slope For Opposing Stream A-B | I |
|---|---|-------------------------------|-------------------------------|---|
| I | 787.38 | 0.28 | 0.28 | I |

NB These values do not allow for any site specific corrections

GEOMETRIC DELAY DATA

| I | I | ARM SPEED | I | ENTRY | EXIT | I | |
|---|---|-----------|------|--------|--------|---------|-----|
| I | I | (KPH) | I | RADIUS | RADIUS | I | |
| I | I | ENTRY | EXIT | I | ER (M) | EXR (M) | I |
| I | I | ARM A | I | 48.0 | 48.0 | I | 1.5 |
| I | I | ARM B | I | 30.0 | 30.0 | I | 1.5 |
| I | I | ARM C | I | 48.0 | 48.0 | I | |

JUNCTION VISIBILITIES DO NOT CONFORM TO STANDARDS LAID DOWN IN TD42/95

WARNING SEGMENT LENGTH GREATER THAN 15 MINUTES.

TRAFFIC DEMAND DATA

TRL

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I ARM I FLOW SCALE(%) I

| | | | |
|-----|---|-----|---|
| I A | I | 100 | I |
| I B | I | 100 | I |
| I C | I | 100 | I |

Demand set: Base Flow AM

TIME PERIOD BEGINS 08.00 AND ENDS 09.00

LENGTH OF TIME PERIOD - 60 MINUTES.

LENGTH OF TIME SEGMENT - 30 MINUTES.

DEMAND FLOW PROFILES ARE INPUT DIRECTLY.

| I | I | TURNING PROPORTIONS | I | | | | | |
|---|---------------|------------------------|-------|---|---------|---|---------|---|
| I | I | TURNING COUNTS | I | | | | | |
| I | I | (PERCENTAGE OF H.V.S.) | I | | | | | |
| I | TIME | FROM/TO | ARM A | I | ARM B | I | ARM C | I |
| I | 08.00 - 09.00 | I | I | I | I | I | I | I |
| I | | I | ARM A | I | 0.000 | I | 0.000 | I |
| I | | I | | I | 0.0 | I | 0.0 | I |
| I | | I | | I | (0.0) | I | (0.0) | I |
| I | | I | | I | I | I | I | I |
| I | | I | ARM B | I | 1.000 | I | 0.000 | I |
| I | | I | | I | 7.0 | I | 0.0 | I |
| I | | I | | I | (29.0) | I | (0.0) | I |
| I | | I | | I | I | I | I | I |
| I | | I | ARM C | I | 0.957 | I | 0.043 | I |
| I | | I | | I | 618.0 | I | 28.0 | I |
| I | | I | | I | (13.0) | I | (29.0) | I |
| I | | I | | I | I | I | I | I |

TURNING PROPORTIONS ARE CALCULATED FROM TURNING COUNT DATA

THE PERCENTAGE OF HEAVY VEHICLES VARIES OVER TURNING MOVEMENTS

QUEUE AND DELAY INFORMATION FOR EACH 30 MIN TIME SEGMENT

FOR COMBINED DEMAND SETS
AND FOR TIME PERIOD 1

| I | TIME | DEMAND | CAPACITY | DEMAND/CAPACITY | PEDESTRIAN | START | END | DELAY | GEOMETRIC DELAY | AVERAGE DELAY | I |
|---|-------------|-----------|-----------|-----------------|------------|--------|--------|---------------|-----------------|---------------|---|
| I | | (VEH/MIN) | (VEH/MIN) | CAPACITY | FLOW | QUEUE | QUEUE | (VEH.MIN/ | (VEH.MIN/ | PER ARRIVING | I |
| I | | | | (RFC) | (PEDS/MIN) | (VEHS) | (VEHS) | TIME SEGMENT) | TIME SEGMENT) | VEHICLE (MIN) | I |
| I | 08.00-08.30 | | | | | | | | | | I |
| I | B-AC | 0.13 | 6.00 | 0.022 | | 0.00 | 0.02 | 0.7 | 0.6 | | I |
| I | C-A | 10.30 | | | | | | | 0.0 | | I |
| I | C-B | 0.47 | 10.17 | 0.046 | | 0.00 | 0.05 | 1.4 | 2.1 | | I |
| I | A-B | 0.00 | | | | | | | 0.0 | | I |
| I | A-C | 0.00 | | | | | | | 0.0 | | I |
| I | | | | | | | | | | | I |

| I | TIME | DEMAND | CAPACITY | DEMAND/CAPACITY | PEDESTRIAN | START | END | DELAY | GEOMETRIC DELAY | AVERAGE DELAY | I |
|---|-------------|-----------|-----------|-----------------|------------|--------|--------|---------------|-----------------|---------------|---|
| I | | (VEH/MIN) | (VEH/MIN) | CAPACITY | FLOW | QUEUE | QUEUE | (VEH.MIN/ | (VEH.MIN/ | PER ARRIVING | I |
| I | | | | (RFC) | (PEDS/MIN) | (VEHS) | (VEHS) | TIME SEGMENT) | TIME SEGMENT) | VEHICLE (MIN) | I |
| I | 08.30-09.00 | | | | | | | | | | I |
| I | B-AC | 0.13 | 6.00 | 0.022 | | 0.02 | 0.02 | 0.7 | 0.6 | | I |
| I | C-A | 10.30 | | | | | | | 0.0 | | I |
| I | C-B | 0.47 | 10.17 | 0.046 | | 0.05 | 0.05 | 1.4 | 2.1 | | I |
| I | A-B | 0.00 | | | | | | | 0.0 | | I |
| I | A-C | 0.00 | | | | | | | 0.0 | | I |
| I | | | | | | | | | | | I |

QUEUE FOR STREAM B-AC

| TIME SEGMENT | NO. OF |
|--------------|----------|
| ENDING | VEHICLES |
| | IN QUEUE |
| 08.30 | 0.0 |
| 09.00 | 0.0 |

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QUEUE FOR STREAM C-B

| TIME SEGMENT ENDING | NO. OF VEHICLES IN QUEUE |
|------------------------|--------------------------------|
| 08.30 | 0.0 |
| 09.00 | 0.0 |

QUEUEING DELAY INFORMATION OVER WHOLE PERIOD

| I | STREAM I | TOTAL DEMAND I | * QUEUEING * | I * INCLUSIVE QUEUEING * I |
|---|----------|----------------|---------------|-----------------------------------|
| I | I | I | * DELAY * | I * DELAY * I |
| I | I | I | I | I |
| I | I | (VEH) | (VEH/H) | (MIN) (MIN/VEH) (MIN) (MIN/VEH) I |
| I | B-AC | I 8.0 I | 8.0 I 1.3 I | 0.17 I 1.3 I 0.17 I |
| I | C-A | I 618.0 I | 618.0 I I | I I I I |
| I | C-B | I 28.0 I | 28.0 I 2.9 I | 0.10 I 2.9 I 0.10 I |
| I | A-B | I 0.0 I | 0.0 I I | I I I |
| I | A-C | I 0.0 I | 0.0 I I | I I I |
| I | ALL | I 654.0 I | 654.0 I 4.2 I | 0.01 I 4.2 I 0.01 I |

INCLUSIVE GEOMETRIC DELAY

| I | ARM I | TOTAL DEMAND I | GEOMETRIC DELAY BY TURN (VEH MIN) (GEOMETRIC DELAY PER LIGHT VEHICLE (SEC)) | I TOTAL I |
|---|-------|----------------|--|-------------------|
| I | I | I | I GEOM. I | I DELAY I |
| I | I | I | I | I |
| I | I | (VEH) | (VEH/H) ARM A ARM B ARM C I VEH MINI | I |
| I | A | I 0.0 I | 0.0 I 0.0 I | I 0.0 I |
| I | I | I | I (0.0) I (8.4) I (0.0) I I I | I I I |
| I | B | I 8.0 I | 8.0 I 1.1 I | 0.0 I 1.1 I |
| I | I | I | I (7.8) I (0.0) I (8.7) I I I | I I I |
| I | C | I 646.0 I | 646.0 I 0.0 I | 4.2 I 0.0 I 4.2 I |
| I | I | I | I (0.0) I (8.4) I (0.0) I I I | I I I |
| I | ALL | I 654.0 I | 654.0 I | I 5.3 I |

. POINT TO POINT JOURNEY TIME TABLE

| I | Point to point journey times I | I | I | I | I | | | | | |
|---|--------------------------------|----------|--------|--------|-------|---|-------|---|-------|---|
| I | From / To | I | I | I | I | | | | | |
| I | (entry point) (exit point) | I | Arm A | I | Arm B | I | Arm C | I | Arm D | I |
| I | ArmA | I 0.0 I | 31.8 I | 21.6 I | 0.0 I | | | | | |
| I | ArmB | I 34.7 I | 0.0 I | 32.1 I | 0.0 I | | | | | |
| I | ArmC | I 22.9 I | 41.5 I | 0.0 I | 0.0 I | | | | | |
| I | ArmD | I 0.0 I | 0.0 I | 0.0 I | 0.0 I | | | | | |

* JOURNEY TIME CALCULATION STARTING/ENDING ON ARM A BEGINS/ENDS 200.0M FROM STOP LINE/AFTER EXIT
* JOURNEY TIME CALCULATION STARTING/ENDING ON ARM B BEGINS/ENDS 70.0M FROM STOP LINE/AFTER EXIT
* JOURNEY TIME CALCULATION STARTING/ENDING ON ARM C BEGINS/ENDS 200.0M FROM STOP LINE/AFTER EXIT

* DELAY IS THAT OCCURRING ONLY WITHIN THE TIME PERIOD .
* INCLUSIVE DELAY INCLUDES DELAY SUFFERED BY VEHICLES WHICH ARE STILL QUEUEING AFTER THE END OF THE TIME PERIOD.
* THESE WILL ONLY BE SIGNIFICANTLY DIFFERENT IF THERE IS A LARGE QUEUE REMAINING AT THE END OF THE TIME PERIOD.

END OF JOB

===== end of file =====

[Printed at 12:16:54 on 25/06/2010]

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RELEASE 3.0 (JUNE 2006)

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Run with file:-
"J:\211000\211967 BL Midland Road Access\4 Internal Project Data\4-04 Arup Calculations\PICADY Model\
Base Flow PM.vpi"
(drive-on-the-left) at 11:23:32 on Friday, 22 January 2010

RUN INFORMATION

RUN TITLE: Base Flow
LOCATION: BL Acces Road
DATE: 14/01/10
CLIENT: British Library
ENUMERATOR: david.mccann [PLPPC061814]
JOB NUMBER: 211967-00
STATUS:
DESCRIPTION:

.MAJOR/MINOR JUNCTION CAPACITY AND DELAY

INPUT DATA

WARNING SEGMENT LENGTH GREATER THAN 15 MINUTES.

MAJOR ROAD (ARM C) ----- MAJOR ROAD (ARM A)

I
I
I
I
I
I

MINOR ROAD (ARM B)

ARM A IS Midland Road (South)
ARM B IS BL Access Road
ARM C IS Midland Road (North)

STREAM LABELLING CONVENTION

STREAM A-B CONTAINS TRAFFIC GOING FROM ARM A TO ARM B

STREAM B-AC CONTAINS TRAFFIC GOING FROM ARM B TO ARM A AND TO ARM C

ETC.

GEOMETRIC DATA

| I | DATA ITEM | I | MINOR ROAD B | I |
|---|------------------------------------|----------|--------------|---|
| I | TOTAL MAJOR ROAD CARRIAGEWAY WIDTH | I (W) | 8.00 M. | I |
| I | CENTRAL RESERVE WIDTH | I (WCR) | 0.00 M. | I |
| I | | I | | I |
| I | MAJOR ROAD RIGHT TURN - WIDTH | I (WC-B) | 3.50 M. | I |
| I | - VISIBILITY | I (VC-B) | 200.0 M. | I |
| I | - BLOCKS TRAFFIC | I | NO | I |
| I | | I | | I |
| I | MINOR ROAD - VISIBILITY TO LEFT | I (VB-C) | 18.0 M. | I |
| I | - VISIBILITY TO RIGHT | I (VB-A) | 100.0 M. | I |
| I | - LANE 1 WIDTH | I (WB-C) | 4.00 M. | I |
| I | - LANE 2 WIDTH | I (WB-A) | 0.00 M. | I |

. SLOPES AND INTERCEPT

(NB: Streams may be combined, in which case capacity
will be adjusted)

| I | Intercept For Slope For Opposing Stream B-C | Slope For Opposing Stream A-C | I |
|---|---|-------------------------------|--------|
| I | 755.66 | 0.27 | 0.11 I |

| I | Intercept For Slope For Opposing Stream B-A | Slope For Opposing Stream A-C | Slope For Opposing Stream A-B | Slope For Opposing Stream C-A | Slope For Opposing Stream C-B | I |
|---|---|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---|
| I | 585.60 | 0.25 | 0.10 | 0.15 | 0.35 | I |

| I | Intercept For Slope For Opposing Stream C-B | Slope For Opposing Stream A-C | I |
|---|---|-------------------------------|--------|
| I | 787.38 | 0.28 | 0.28 I |

NB These values do not allow for any site specific corrections

GEOMETRIC DELAY DATA

| I | I | ARM SPEED | I | ENTRY | EXIT | I | |
|---|-------|-----------|------|--------|--------|---------|-------|
| I | I | (KPH) | I | RADIUS | RADIUS | I | |
| I | I | ENTRY | EXIT | I | ER (M) | EXR (M) | I |
| I | ARM A | I | 48.0 | 48.0 | I | 1.5 | I |
| I | ARM B | I | 30.0 | 30.0 | I | 1.5 | 1.5 I |
| I | ARM C | I | 48.0 | 48.0 | I | | I |

JUNCTION VISIBILITIES DO NOT CONFORM TO STANDARDS LAID DOWN IN TD42/95

WARNING SEGMENT LENGTH GREATER THAN 15 MINUTES.

TRAFFIC DEMAND DATA

TRL

TRL VIEWER

2.0 AE C:\Temporarytransfer\UKCMRI\BL Access Planning Application\New Folder\Base Flow\BA

I ARM I FLOW SCALE (%) I

| | |
|-------|-------|
| I A I | 100 I |
| I B I | 100 I |
| I C I | 100 I |

Demand set: Base Flow PM

TIME PERIOD BEGINS 18.00 AND ENDS 19.00

LENGTH OF TIME PERIOD - 60 MINUTES.

LENGTH OF TIME SEGMENT - 30 MINUTES.

DEMAND FLOW PROFILES ARE INPUT DIRECTLY.

| I | I | TURNING PROPORTIONS | I |
|---|---------------|------------------------|------------------------------|
| I | I | TURNING COUNTS | I |
| I | I | (PERCENTAGE OF H.V.S.) | I |
| I | TIME | FROM/TO I | ARM A I ARM B I ARM C I |
| I | 18.00 - 19.00 | I | I I I I |
| I | | ARM A | I 0.000 I 0.000 I 0.000 I |
| I | | | I 0.0 I 0.0 I 0.0 I |
| I | | | I (0.0) I (0.0) I (0.0) I |
| I | | | I I I I |
| I | | ARM B | I 1.000 I 0.000 I 0.000 I |
| I | | | I 15.0 I 0.0 I 0.0 I |
| I | | | I (0.0) I (0.0) I (0.0) I |
| I | | | I I I I |
| I | | ARM C | I 0.994 I 0.006 I 0.000 I |
| I | | | I 500.0 I 3.0 I 0.0 I |
| I | | | I (8.0) I (0.0) I (0.0) I |
| I | | | I I I I |

TURNING PROPORTIONS ARE CALCULATED FROM TURNING COUNT DATA

THE PERCENTAGE OF HEAVY VEHICLES VARIES OVER TURNING MOVEMENTS

QUEUE AND DELAY INFORMATION FOR EACH 30 MIN TIME SEGMENT

FOR COMBINED DEMAND SETS
AND FOR TIME PERIOD 1

| I | TIME | DEMAND (VEH/MIN) | CAPACITY (VEH/MIN) | DEMAND/CAPACITY (RFC) | PEDESTRIAN FLOW (PEDS/MIN) | START QUEUE (VEHS) | END QUEUE (VEHS) | DELAY (VEH.MIN/ TIME SEGMENT) | GEOMETRIC DELAY (VEH.MIN/ TIME SEGMENT) | AVERAGE DELAY PER ARRIVING VEHICLE (MIN) |
|---|-------------|------------------|--------------------|-----------------------|----------------------------|--------------------|------------------|-------------------------------|---|--|
| I | 18.00-18.30 | | | | | | | | | |
| I | B-AC | 0.27 | 8.35 | 0.032 | | 0.00 | 0.03 | 1.0 | 1.0 | I |
| I | C-A | 8.35 | | | | | | | 0.0 | I |
| I | C-B | 0.05 | 13.12 | 0.004 | | 0.00 | 0.00 | 0.1 | 0.2 | I |
| I | A-B | 0.00 | | | | | | | 0.0 | I |
| I | A-C | 0.00 | | | | | | | 0.0 | I |

| I | TIME | DEMAND (VEH/MIN) | CAPACITY (VEH/MIN) | DEMAND/CAPACITY (RFC) | PEDESTRIAN FLOW (PEDS/MIN) | START QUEUE (VEHS) | END QUEUE (VEHS) | DELAY (VEH.MIN/ TIME SEGMENT) | GEOMETRIC DELAY (VEH.MIN/ TIME SEGMENT) | AVERAGE DELAY PER ARRIVING VEHICLE (MIN) |
|---|-------------|------------------|--------------------|-----------------------|----------------------------|--------------------|------------------|-------------------------------|---|--|
| I | 18.30-19.00 | | | | | | | | | |
| I | B-AC | 0.27 | 8.35 | 0.032 | | 0.03 | 0.03 | 1.0 | 1.0 | I |
| I | C-A | 8.35 | | | | | | | 0.0 | I |
| I | C-B | 0.05 | 13.12 | 0.004 | | 0.00 | 0.00 | 0.1 | 0.2 | I |
| I | A-B | 0.00 | | | | | | | 0.0 | I |
| I | A-C | 0.00 | | | | | | | 0.0 | I |

QUEUE FOR STREAM B-AC

| TIME SEGMENT | NO. OF VEHICLES IN QUEUE |
|--------------|--------------------------|
| ENDING | |
| 18.30 | 0.0 |
| 19.00 | 0.0 |

TRL

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QUEUE FOR STREAM C-B

| TIME SEGMENT ENDING | NO. OF VEHICLES IN QUEUE |
|------------------------|--------------------------------|
| 18.30 | 0.0 |
| 19.00 | 0.0 |

QUEUEING DELAY INFORMATION OVER WHOLE PERIOD

| I | STREAM I | TOTAL DEMAND I | * QUEUEING * | I * INCLUSIVE QUEUEING * | I |
|---|----------|----------------|--------------|--------------------------|-------------|
| I | I | I | * DELAY * | I * DELAY * | I |
| I | I | I | | I | |
| I | I | (VEH) | (VEH/H) | (MIN) | (MIN/VEH) I |
| I | B-AC | I 16.0 I | 16.0 I | 2.0 I | 0.12 I |
| I | C-A | I 501.0 I | 501.0 I | I | I |
| I | C-B | I 3.0 I | 3.0 I | 0.2 I | 0.08 I |
| I | A-B | I 0.0 I | 0.0 I | I | I |
| I | A-C | I 0.0 I | 0.0 I | I | I |
| I | ALL | I 520.0 I | 520.0 I | 2.2 I | 0.00 I |

INCLUSIVE GEOMETRIC DELAY

| I | ARM I | TOTAL DEMAND I | GEOMETRIC DELAY BY TURN (VEH MIN) | I TOTAL I |
|---|-------|----------------|---|----------------------------------|
| I | I | I | (GEOMETRIC DELAY PER LIGHT VEHICLE (SEC)) | I GEOM. I |
| I | I | I | | I DELAY I |
| I | I | (VEH) | (VEH/H) | ARM A I ARM B I ARM C I VEH MINI |
| I | A | I 0.0 I | 0.0 I | 0.0 I 0.0 I |
| I | | I | I (0.0) | I (8.4) I (0.0) I |
| I | | I | I | I |
| I | B | I 16.0 I | 16.0 I | 2.1 I 0.0 I 0.0 I 2.1 I |
| I | | I | I (7.8) | I (0.0) I (8.7) I |
| I | | I | I | I |
| I | C | I 504.0 I | 504.0 I | 0.0 I 0.4 I 0.0 I 0.4 I |
| I | | I | I (0.0) | I (8.4) I (0.0) I |
| I | ALL | I 520.0 I | 520.0 I | I 2.5 I |

. POINT TO POINT JOURNEY TIME TABLE

| I | Point to point journey times I | I | I | I | I | |
|---|--------------------------------|----------|---------|---------|---------|---------|
| I | From / To | I | I | I | I | |
| I | (entry point) (exit point) | I | Arm A I | Arm B I | Arm C I | Arm D I |
| I | ArmA | I 0.0 I | 31.8 I | 21.6 I | 0.0 I | |
| I | ArmB | I 31.2 I | 0.0 I | 32.1 I | 0.0 I | |
| I | ArmC | I 22.5 I | 36.4 I | 0.0 I | 0.0 I | |
| I | ArmD | I 0.0 I | 0.0 I | 0.0 I | 0.0 I | |

* JOURNEY TIME CALCULATION STARTING/ENDING ON ARM A BEGINS/ENDS 200.0M FROM STOP LINE/AFTER EXIT
* JOURNEY TIME CALCULATION STARTING/ENDING ON ARM B BEGINS/ENDS 70.0M FROM STOP LINE/AFTER EXIT
* JOURNEY TIME CALCULATION STARTING/ENDING ON ARM C BEGINS/ENDS 200.0M FROM STOP LINE/AFTER EXIT

* DELAY IS THAT OCCURRING ONLY WITHIN THE TIME PERIOD.
* INCLUSIVE DELAY INCLUDES DELAY SUFFERED BY VEHICLES WHICH ARE STILL QUEUEING AFTER THE END OF THE TIME PERIOD.
* THESE WILL ONLY BE SIGNIFICANTLY DIFFERENT IF THERE IS A LARGE QUEUE REMAINING AT THE END OF THE TIME PERIOD.

END OF JOB

===== end of file =====

[Printed at 12:17:42 on 25/06/2010]