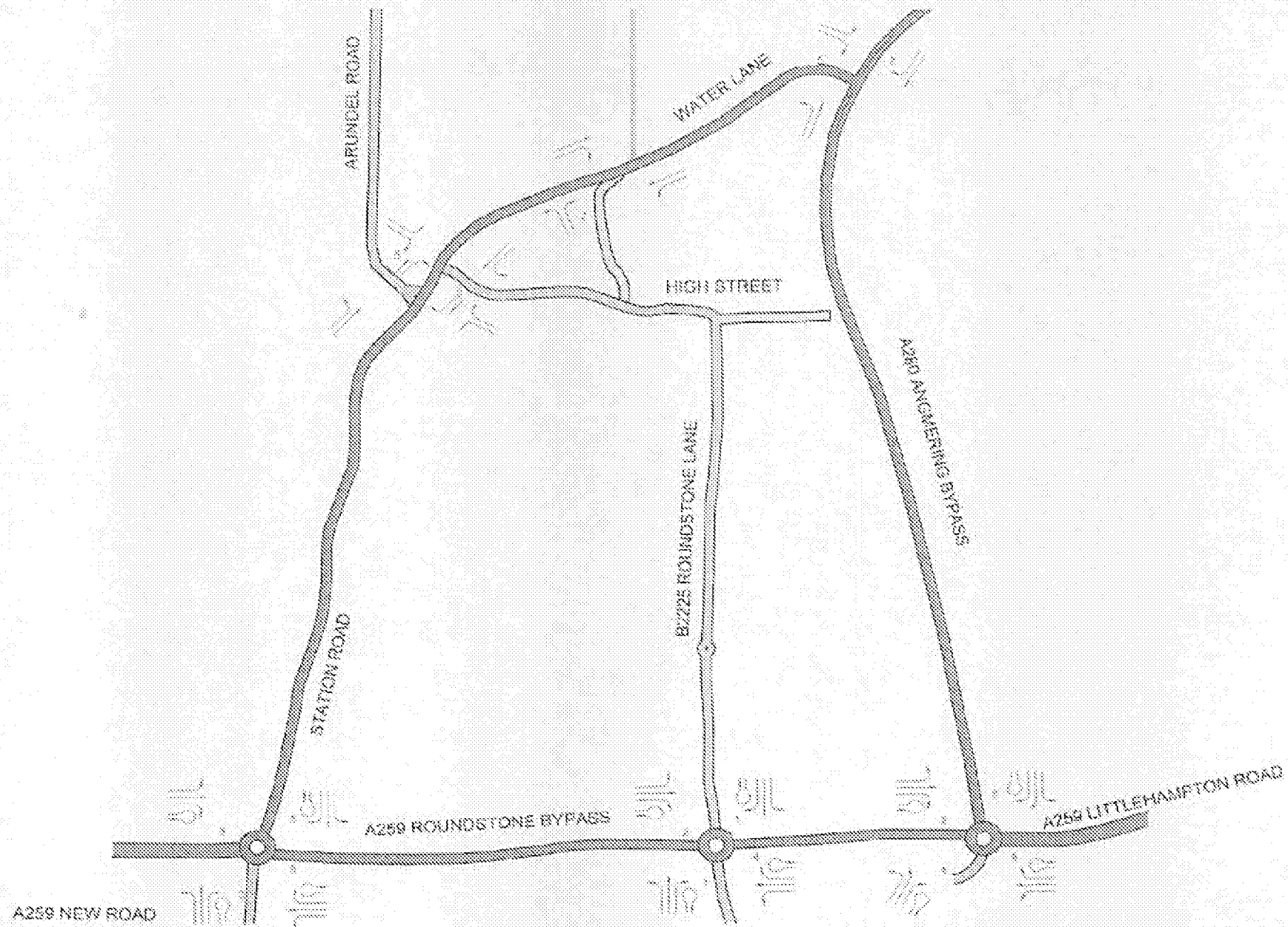
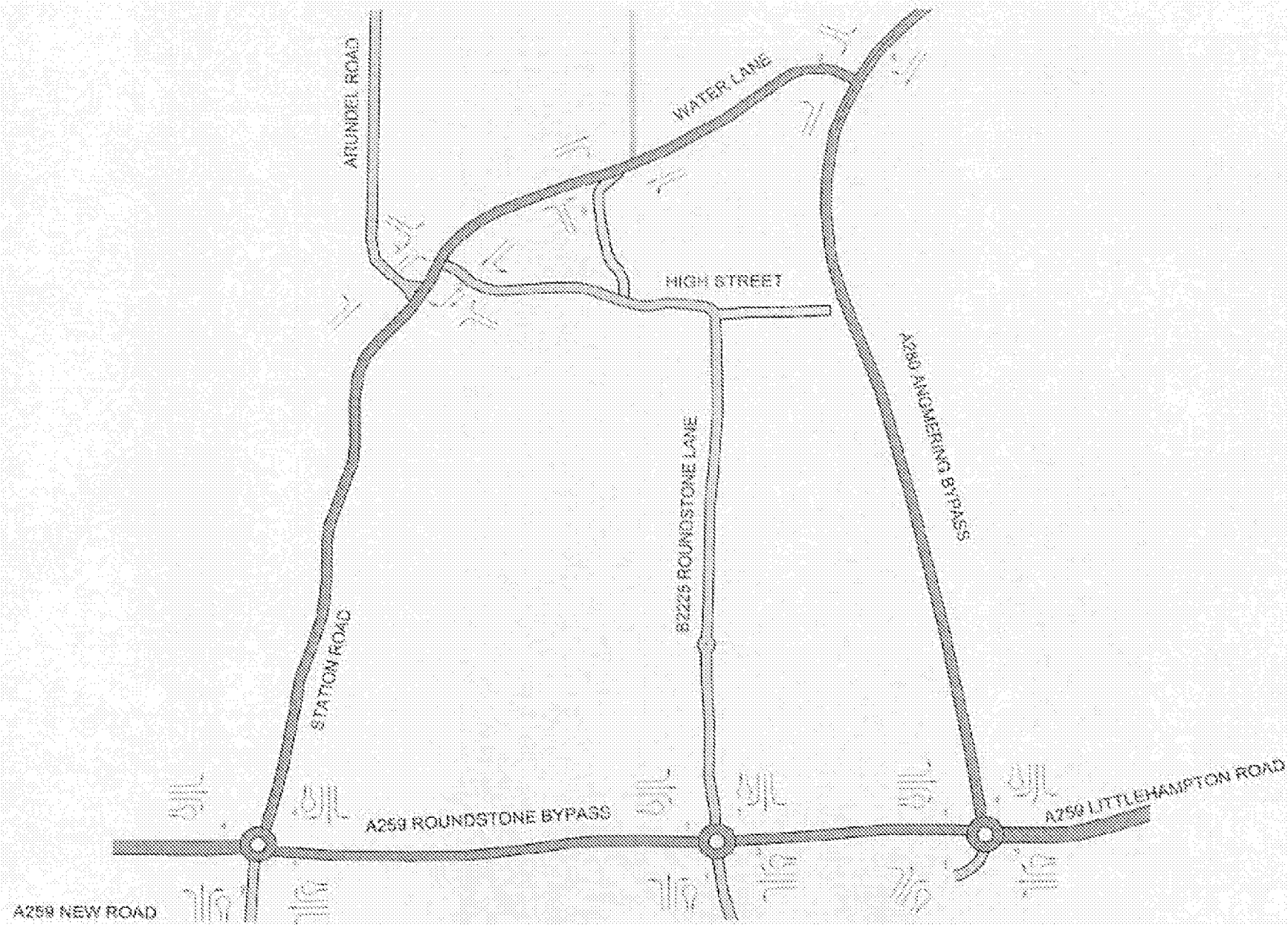




2011 Observed Queue Lengths
AM Peak Hour



2011 Observed Queue Lengths
PM Peak Hour



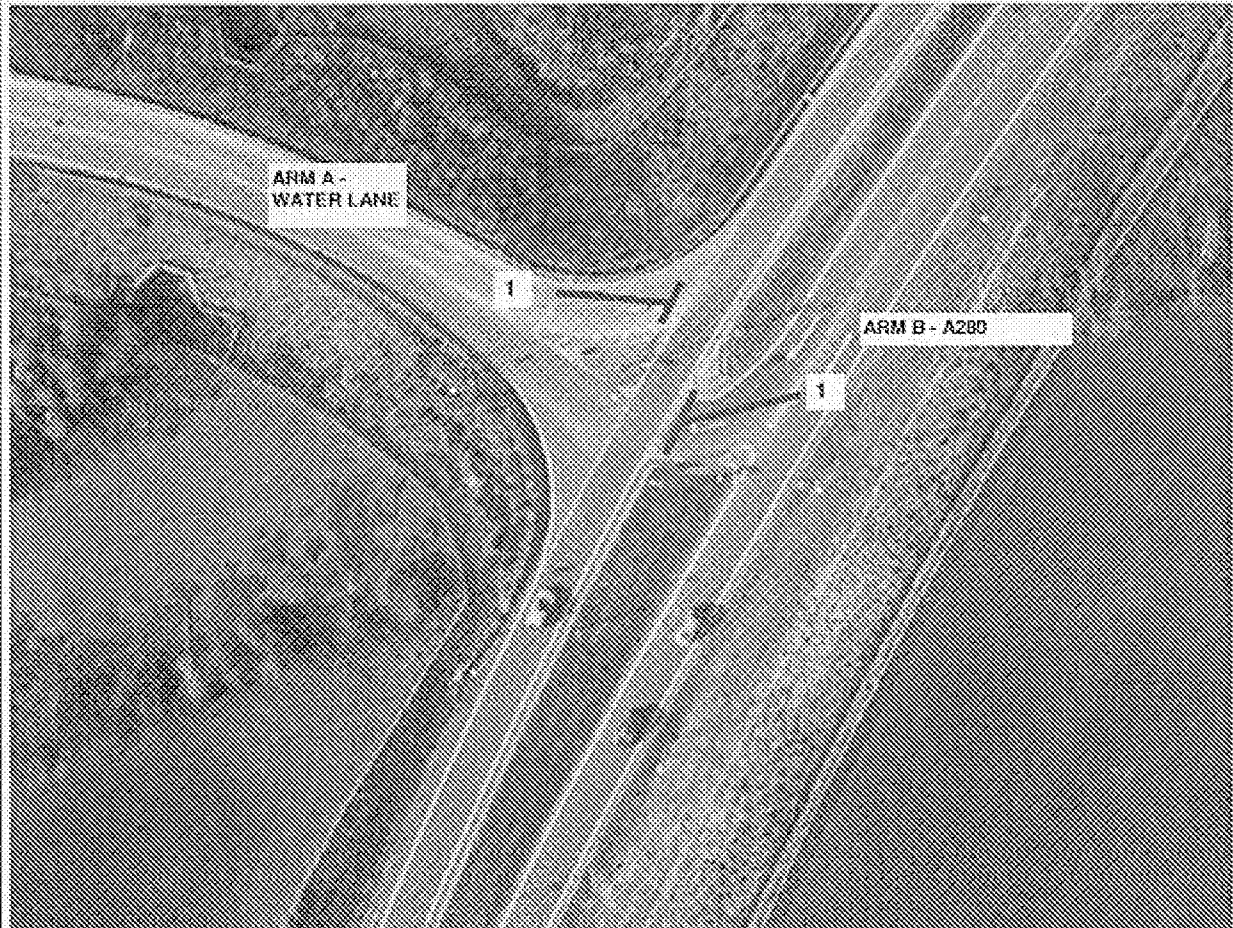
CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT MANAGER: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 4 (SITE PLAN)



	CLIENT: CIVIL ENGINEERING PRACTICE				REFERENCE NUMBER: QTS160			
	PROJECT DIRECTOR: DICKIE CUMBERWORTH				DATE: FRI 11TH NOV 11			
	DESCRIPTION: ANGMERING - QUEUE LENGH DATA - SITE 4 - ARM A (AM PEAKS)							

(LANE 1 IS NEAR SIDE TO KERB)

Time			No. Vehicles							PCU TOTAL
			LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
08:00	:	08:05	4	1	0	0	0	0	0	5
08:05	:	08:10	6	1	0	0	0	0	0	7
08:10	:	08:15	7	0	0	0	0	0	0	7
08:15	:	08:20	5	2	0	0	0	0	0	7
08:20	:	08:25	4	0	0	0	0	0	0	4
08:25	:	08:30	7	0	0	0	0	0	0	7
08:30	:	08:35	4	0	0	0	0	0	0	4
08:35	:	08:40	5	1	0	0	0	0	0	6
08:40	:	08:45	6	0	0	0	0	0	0	6
08:45	:	08:50	5	0	0	0	0	0	0	5
08:50	:	08:55	3	0	0	0	0	0	0	3
08:55	:	09:00	3	0	0	0	0	0	0	3
TOTAL			59	5	0	0	0	0	0	64
AVG			4.92	0.42	0.00	0.00	0.00	0.00	0.00	5.33



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 4 - ARM A (PM PEAKS)

(LANE 1 IS NEARSIDE TO KERB)

Time			No. Vehicles							PCU TOTAL
			LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
17:00	:	17:05	2	0	0	0	0	0	0	2
17:05	:	17:10	2	0	0	0	0	0	0	2
17:10	:	17:15	2	0	0	0	0	0	0	2
17:15	:	17:20	4	0	0	0	0	0	0	4
17:20	:	17:25	5	0	0	0	0	0	0	5
17:25	:	17:30	3	0	0	0	0	0	0	3
17:30	:	17:35	4	1	0	0	0	0	0	5
17:35	:	17:40	3	0	0	0	0	0	0	3
17:40	:	17:45	4	0	0	0	0	0	0	4
17:45	:	17:50	2	0	0	0	0	0	0	2
17:50	:	17:55	0	0	0	0	0	0	0	0
17:55	:	18:00	6	0	0	0	0	0	0	6
TOTAL			37	1	0	0	0	0	0	38
AVG			3.08	0.08	0.00	0.00	0.00	0.00	0.00	3.17



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 4 - ARM B (AM PEAKS)

(LANE 1 IS NEAR SIDE TO KERB)

Time			No. Vehicles							PCU TOTAL
			LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
08:00	:	08:05	2	1	0	0	0	0	0	3
08:05	:	08:10	2	1	0	0	0	0	0	3
08:10	:	08:15	2	0	0	0	0	0	0	2
08:15	:	08:20	2	0	0	0	0	0	0	2
08:20	:	08:25	0	0	0	0	0	0	0	0
08:25	:	08:30	0	0	0	0	0	0	0	0
08:30	:	08:35	0	0	0	0	0	0	0	0
08:35	:	08:40	2	0	0	0	0	0	0	2
08:40	:	08:45	1	1	0	0	0	0	0	2
08:45	:	08:50	2	0	0	0	0	0	0	2
08:50	:	08:55	1	1	0	0	0	0	0	2
08:55	:	09:00	2	0	0	0	0	0	0	2
TOTAL			16	4	0	0	0	0	0	20
AVG			1.33	0.33	0.00	0.00	0.00	0.00	0.00	1.67



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

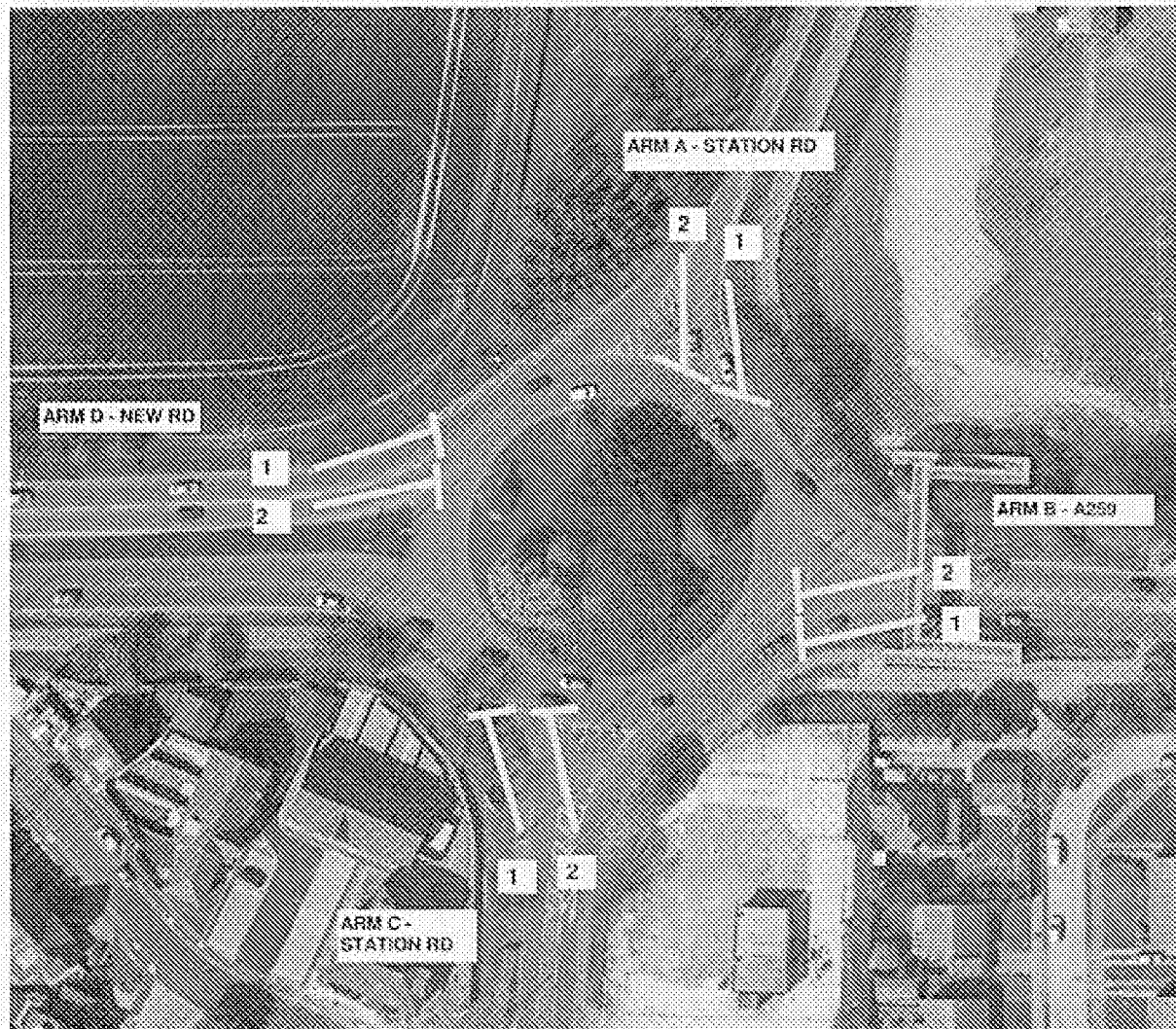
PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGH DATA - SITE 4 - ARM B (PM PEAKS)

(LANE 1 IS NEAR SIDE TO KERB)

Time		No. Vehicles							PCU TOTAL
		LANE 1							
		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
17:00	17:05	4	1	0	0	0	0	0	5
17:05	17:10	5	0	0	0	0	0	0	5
17:10	17:15	2	2	0	0	0	0	0	4
17:15	17:20	3	0	0	0	0	0	0	3
17:20	17:25	7	0	0	0	0	0	0	7
17:25	17:30	3	0	0	0	0	0	0	3
17:30	17:35	0	0	0	0	0	0	0	0
17:35	17:40	3	1	0	0	0	0	0	4
17:40	17:45	3	0	0	0	0	0	0	3
17:45	17:50	3	0	0	0	0	0	0	3
17:50	17:55	5	0	0	0	0	0	0	5
17:55	18:00	5	1	0	0	0	0	0	6
TOTAL		43	5	0	0	0	0	0	48
AVG		3.58	0.42	0.00	0.00	0.00	0.00	0.00	4.00





CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 5 - ARM A (AM PEAKS)

(LANE 1 IS NEARSIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
08:00	:	08:05	1	0	0	0	0	0	0	1	3	1	0	0	0	0	0	4
08:05	:	08:10	1	0	0	0	0	0	0	1	4	0	0	0	0	0	0	4
08:10	:	08:15	2	0	0	0	0	0	0	2	4	0	0	0	0	0	0	4
08:15	:	08:20	1	0	0	0	0	0	0	1	4	1	0	0	0	0	0	5
08:20	:	08:25	2	0	0	0	0	0	0	2	5	1	0	0	0	0	0	6
08:25	:	08:30	1	0	0	0	0	0	0	1	7	0	0	0	0	0	0	7
08:30	:	08:35	1	1	0	0	0	0	0	2	6	1	0	0	0	0	0	7
08:35	:	08:40	2	0	0	0	0	0	0	2	4	0	0	0	0	0	0	4
08:40	:	08:45	1	0	0	0	0	0	0	1	7	0	0	0	0	0	0	7
08:45	:	08:50	1	0	0	0	0	0	0	1	4	0	0	0	0	0	0	4
08:50	:	08:55	2	0	0	0	0	0	0	2	6	0	0	0	0	0	0	6
08:55	:	09:00	1	1	0	0	0	0	0	2	5	1	0	0	0	0	0	6
TOTAL			16	2	0	0	0	0	0	18	59	5	0	0	0	0	0	64
AVG			1.33	0.17	0.00	0.00	0.00	0.00	0.00	1.50	4.92	0.42	0.00	0.00	0.00	0.00	0.00	5.33



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 5 - ARM A (PM PEAKS)

(LANE 1 IS NEAR SIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
17:00	:	17:05	2	0	0	0	0	0	0	2	4	0	0	0	0	0	0	4
17:05	:	17:10	4	0	0	0	0	0	0	4	2	0	0	0	0	0	0	2
17:10	:	17:15	6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
17:15	:	17:20	4	0	0	0	0	0	0	4	1	0	0	0	0	0	0	1
17:20	:	17:25	8	0	0	0	0	0	0	8	3	0	0	0	0	0	0	3
17:25	:	17:30	2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1
17:30	:	17:35	3	0	0	0	0	0	0	3	2	0	0	0	0	0	0	2
17:35	:	17:40	4	1	0	0	0	0	0	5	3	0	0	0	0	0	0	3
17:40	:	17:45	9	2	0	0	0	0	0	11	1	0	0	0	0	0	0	1
17:45	:	17:50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:50	:	17:55	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
17:55	:	18:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
TOTAL			43	3	0	0	0	0	0	46	19	0	0	0	0	0	0	19
AVG			3.58	0.25	0.00	0.00	0.00	0.00	0.00	3.83	1.58	0.00	0.00	0.00	0.00	0.00	0.00	1.58



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 5 - ARM B (AM PEAKS)

(LANE 1 IS NEAR SIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
08:00	:	08:05	2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1
08:05	:	08:10	4	0	0	0	0	0	0	4	1	0	0	0	0	0	0	1
08:10	:	08:15	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
08:15	:	08:20	6	0	0	0	0	0	0	6	2	0	0	0	0	0	0	2
08:20	:	08:25	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
08:25	:	08:30	4	1	0	0	0	0	0	5	3	0	0	0	0	0	0	3
08:30	:	08:35	7	0	0	0	0	0	0	7	1	0	0	0	0	0	0	1
08:35	:	08:40	5	0	0	0	0	0	0	5	1	0	0	0	0	0	0	1
08:40	:	08:45	6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
08:45	:	08:50	4	0	0	0	0	0	0	4	2	0	0	0	0	0	0	2
08:50	:	08:55	3	1	0	0	0	0	0	4	1	0	0	0	0	0	0	1
08:55	:	09:00	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
TOTAL			52	2	0	0	0	0	0	54	12	0	0	0	0	0	0	12
AVG			4.33	0.17	0.00	0.00	0.00	0.00	0.00	4.50	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 5 - ARM B (PM PEAKS)

(LANE 1 IS NEAR SIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
17:00		17:05	6	1	0	0	0	0	0	7	2	0	0	0	0	0	0	2
17:05		17:10	6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
17:10		17:15	4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
17:15		17:20	3	0	0	0	0	0	0	3	1	0	0	0	0	0	0	1
17:20		17:25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:25		17:30	12	2	0	0	0	0	0	14	0	0	0	0	0	0	0	0
17:30		17:35	4	0	0	0	0	0	0	4	1	0	0	0	0	0	0	1
17:35		17:40	2	1	0	0	0	0	0	3	3	0	0	0	0	0	0	3
17:40		17:45	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
17:45		17:50	4	0	0	0	0	0	0	4	1	0	0	0	0	0	0	1
17:50		17:55	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
17:55		18:00	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
TOTAL			48	4	0	0	0	0	0	52	8	0	0	0	0	0	0	8
AVG			4.00	0.33	0.00	0.00	0.00	0.00	0.00	4.33	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.67



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 5 - ARM C (AM PEAKS)

(LANE 1 IS NEAR SIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
08:00	:	08:05	2	0	0	0	0	0	2	1	0	0	0	0	0	0	1	
08:05	:	08:10	3	0	0	0	0	0	3	2	0	0	0	1	0	0	4	
08:10	:	08:15	4	0	0	0	0	0	4	1	0	0	0	0	0	0	1	
08:15	:	08:20	1	0	0	0	0	0	1	1	1	0	0	0	0	0	2	
08:20	:	08:25	4	0	0	0	0	0	4	2	0	0	0	0	0	0	2	
08:25	:	08:30	6	0	0	0	0	0	6	1	1	0	0	0	0	0	2	
08:30	:	08:35	2	0	0	0	0	0	2	1	0	0	0	0	0	0	1	
08:35	:	08:40	4	0	0	0	0	0	4	2	0	0	0	0	0	0	2	
08:40	:	08:45	3	1	0	0	0	0	4	2	0	0	0	0	0	0	2	
08:45	:	08:50	3	0	0	0	0	0	3	1	0	0	0	0	0	0	1	
08:50	:	08:55	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
08:55	:	09:00	2	1	0	0	0	0	3	3	0	0	0	0	0	0	3	
TOTAL			36	2	0	0	0	0	38	17	2	0	0	1	0	0	21	
AVG			3.00	0.17	0.00	0.00	0.00	0.00	3.17	1.42	0.17	0.00	0.00	0.08	0.00	0.00	1.75	

QTS160 - ANGMERING - QUEUE LENGTH DATA - FRI 11TH NOV 11 - SITE 5x6s ARM C - AM PEAKS

 Quality Traffic Surveys	CLIENT: CIVIL ENGINEERING PRACTICE										REFERENCE NUMBER: QTS160									
	PROJECT DIRECTOR: DICKIE CUMBERWORTH										DATE: FRI 11TH NOV 11									
	DESCRIPTION: ANGMERING - QUEUE LENGH DATA - SITE 5 - ARM C (PM PEAKS)																			

(LANE 1 IS NEAR SIDE TO KERB)

Time		No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
		LANE 1								LANE 1							
		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
17:00	17:05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:05	17:10	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
17:10	17:15	2	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
17:15	17:20	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
17:20	17:25	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
17:25	17:30	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
17:30	17:35	3	0	0	0	0	0	0	3	1	0	0	0	0	0	0	1
17:35	17:40	5	0	0	0	0	0	0	5	3	0	0	0	0	0	0	3
17:40	17:45	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
17:45	17:50	2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1
17:50	17:55	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
17:55	18:00	3	0	0	0	0	0	0	3	1	0	0	0	0	0	0	1
TOTAL		23	0	0	0	0	0	0	23	9	0	0	0	0	0	0	9
AVG		1.92	0.00	0.00	0.00	0.00	0.00	0.00	1.92	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.75



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 5 - ARM D (AM PEAKS)

(LANE 1 IS NEAR SIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
08:00	:	08:05	3	0	1	0	0	0	0	4.5	2	0	0	0	0	0	0	2
08:05	:	08:10	3	1	0	0	0	0	0	4	2	0	0	0	0	0	0	2
08:10	:	08:15	4	0	0	0	0	0	0	4	3	1	0	0	0	0	0	4
08:15	:	08:20	3	0	0	0	0	0	1	3.2	2	0	0	0	0	0	0	2
08:20	:	08:25	3	1	0	0	0	0	0	4	3	0	0	0	0	0	0	3
08:25	:	08:30	4	1	0	0	0	0	0	5	4	0	0	0	0	0	0	4
08:30	:	08:35	3	1	1	0	0	0	0	5.5	3	0	0	0	0	0	0	3
08:35	:	08:40	4	0	0	0	0	0	0	4	2	0	0	0	0	0	0	2
08:40	:	08:45	5	0	0	0	0	0	0	5	3	0	0	0	0	0	0	3
08:45	:	08:50	5	0	0	0	0	0	0	5	4	0	0	0	0	0	0	4
08:50	:	08:55	4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
08:55	:	09:00	2	0	1	0	0	0	0	3.5	0	0	0	0	0	0	0	0
TOTAL			43	4	3	0	0	0	1	51.7	28	1	0	0	0	0	0	29
AVG			3.58	0.33	0.25	0.00	0.00	0.00	0.08	4.31	2.33	0.08	0.00	0.00	0.00	0.00	0.00	2.42



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 5 - ARM D (PM PEAKS)

(LANE 1 IS NEAR SIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
17:00	:	17:05	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
17:05	:	17:10	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
17:10	:	17:15	3	0	0	0	0	0	3	2	0	0	0	0	0	0	2	
17:15	:	17:20	2	0	0	0	0	0	2	1	0	0	0	0	0	0	1	
17:20	:	17:25	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
17:25	:	17:30	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
17:30	:	17:35	3	0	0	0	0	0	3	1	0	0	0	0	0	0	1	
17:35	:	17:40	6	0	0	0	0	0	6	2	0	0	0	0	0	0	2	
17:40	:	17:45	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	
17:45	:	17:50	4	0	0	0	0	0	4	0	0	0	0	0	0	0	0	
17:50	:	17:55	5	0	0	0	0	0	5	1	0	0	0	0	0	0	1	
17:55	:	18:00	7	0	0	0	0	0	7	0	0	0	0	0	0	0	0	
TOTAL			37	0	0	0	0	0	37	7	0	0	0	0	0	0	7	
AVG			3.08	0.00	0.00	0.00	0.00	0.00	3.08	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.58	

QTS160 - ANGMERING - QUEUE LENGTH DATA - FRI 11TH NOV 11 - SITE 5 - ARM D - PM PEAKS



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT MANAGER: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 6 (SITE PLAN)





CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 6 - ARM A (AM PEAKS)

(LANE 1 IS NEAR SIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
08:00	:	08:05	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
08:05	:	08:10	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
08:10	:	08:15	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
08:15	:	08:20	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	
08:20	:	08:25	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	
08:25	:	08:30	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	
08:30	:	08:35	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
08:35	:	08:40	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
08:40	:	08:45	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	
08:45	:	08:50	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
08:50	:	08:55	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
08:55	:	09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL			10	1	0	0	0	0	11	3	0	0	0	0	0	0	3	
AVG			0.83	0.08	0.00	0.00	0.00	0.00	0.92	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.25	

QTS160 - ANGMERING - QUEUE LENGTH DATA - FRI 11TH NOV 11 - SITE 6 - ARM A - AM PEAKS



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 6 - ARM A (PM PEAKS)

(LANE 1 IS NEAR SIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
17:00	:	17:05	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
17:05	:	17:10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:10	:	17:15	2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1
17:15	:	17:20	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
17:20	:	17:25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:25	:	17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	:	17:35	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
17:35	:	17:40	3	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0
17:40	:	17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	:	17:50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:50	:	17:55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:55	:	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL			8	1	0	0	0	0	0	9	3	0	0	0	0	0	0	3
AVG			0.67	0.08	0.00	0.00	0.00	0.00	0.00	0.75	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.25

	CLIENT: CIVIL ENGINEERING PRACTICE										REFERENCE NUMBER: QTS160									
	PROJECT DIRECTOR: DICKIE CUMBERWORTH										DATE: FRI 11TH NOV 11									
	DESCRIPTION: ANGMERING - QUEUE LENGH DATA - SITE 6 - ARM B (AM PEAKS)																			

(LANE 1 IS NEARSIDE TO KERB)

Time		No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
		LANE 1								LANE 1							
		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
08:00	08:05	5	0	0	0	0	0	0	5	1	0	0	0	0	0	0	1
08:05	08:10	4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
08:10	08:15	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
08:15	08:20	5	0	0	0	0	0	0	5	2	0	0	0	0	0	0	2
08:20	08:25	2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1
08:25	08:30	3	0	0	0	0	0	0	3	1	0	0	0	0	0	0	1
08:30	08:35	4	0	0	0	0	0	0	4	3	0	0	0	0	0	0	3
08:35	08:40	5	0	0	0	0	0	0	5	1	0	0	0	0	0	0	1
08:40	08:45	4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
08:45	08:50	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
08:50	08:55	3	0	0	0	0	0	0	3	1	0	0	0	0	0	0	1
08:55	09:00	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
TOTAL		41	1	0	0	0	0	0	42	10	0	0	0	0	0	0	10
AVG		3.42	0.08	0.00	0.00	0.00	0.00	0.00	3.50	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.83

QTS160 - ANGMERING - QUEUE LENGTH DATA - FRI 11TH NOV 11 - SITE 6.x5 ARM B - AM PEAKS



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 6 - ARM B (PM PEAKS)

(LANE 1 IS NEARSIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
17:00	:	17:05	8	0	0	0	0	0	8	0	0	0	0	0	0	0	0	
17:05	:	17:10	3	0	0	0	0	0	3	1	0	0	0	0	0	0	1	
17:10	:	17:15	4	0	0	0	0	0	4	2	0	0	0	0	0	0	2	
17:15	:	17:20	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
17:20	:	17:25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17:25	:	17:30	4	0	0	0	0	0	4	0	0	0	0	0	0	0	0	
17:30	:	17:35	3	0	0	0	0	0	3	2	0	0	0	0	0	0	2	
17:35	:	17:40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17:40	:	17:45	3	1	1	0	0	0	5.5	0	0	0	0	0	0	0	0	
17:45	:	17:50	2	0	0	0	0	0	2	1	0	0	0	0	0	0	1	
17:50	:	17:55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17:55	:	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL			29	1	1	0	0	0	31.5	6	0	0	0	0	0	0	6	
AVG			2.42	0.08	0.08	0.00	0.00	0.00	2.63	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.50	



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 6 - ARM C (AM PEAKS)

(LANE 1 IS NEAR SIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
08:00	:	08:05	2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1
08:05	:	08:10	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
08:10	:	08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	:	08:20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:20	:	08:25	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
08:25	:	08:30	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
08:30	:	08:35	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
08:35	:	08:40	0	1	0	0	0	0	0	1	2	0	0	0	0	0	0	2
08:40	:	08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	:	08:50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:50	:	08:55	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
08:55	:	09:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
TOTAL			9	1	0	0	0	0	0	10	5	0	0	0	0	0	0	5
AVG			0.75	0.08	0.00	0.00	0.00	0.00	0.00	0.83	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.42



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 6 - ARM C (PM PEAKS)

(LANE 1 IS NEARSIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
17:00	:	17:05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17:05	:	17:10	2	0	0	0	0	0	2	1	0	0	0	0	0	0	1	
17:10	:	17:15	2	1	0	0	0	0	3	0	0	0	0	0	0	0	0	
17:15	:	17:20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17:20	:	17:25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17:25	:	17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17:30	:	17:35	1	0	1	0	0	0	2.5	1	0	0	0	1	0	0	3	
17:35	:	17:40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17:40	:	17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17:45	:	17:50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17:50	:	17:55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17:55	:	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL			5	1	1	0	0	0	7.5	2	0	0	0	1	0	0	4	
AVG			0.42	0.08	0.08	0.00	0.00	0.00	0.63	0.17	0.00	0.00	0.00	0.08	0.00	0.00	0.33	

 Quality Traffic Solutions	CLIENT: CIVIL ENGINEERING PRACTICE										REFERENCE NUMBER: QTS160									
	PROJECT DIRECTOR: DICKIE CUMBERWORTH										DATE: FRI 11TH NOV 11									
	DESCRIPTION: ANGMERING - QUEUE LENGH DATA - SITE 6 - ARM D (AM PEAKS)																			

(LANE 1 IS NEAR SIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
08:00		08:05	3	0	0	0	0	0	0	3	1	0	0	0	0	0	0	1
08:05		08:10	2	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
08:10		08:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
08:15		08:20	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
08:20		08:25	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
08:25		08:30	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
08:30		08:35	2	0	0	0	0	0	0	2	5	0	0	0	0	0	0	5
08:35		08:40	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
08:40		08:45	2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1
08:45		08:50	2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1
08:50		08:55	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
08:55		09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL			17	1	0	0	0	0	0	18	12	1	0	0	0	0	0	13
AVG			1.42	0.08	0.00	0.00	0.00	0.00	0.00	1.50	1.00	0.08	0.00	0.00	0.00	0.00	0.00	1.08



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 6 - ARM D (PM PEAKS)

(LANE 1 IS NEARSIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
17:00	:	17:05	2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1
17:05	:	17:10	3	0	0	0	0	0	0	3	5	0	0	0	0	0	0	5
17:10	:	17:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
17:15	:	17:20	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
17:20	:	17:25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:25	:	17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	:	17:35	5	0	0	0	0	0	0	5	2	0	0	0	0	0	0	2
17:35	:	17:40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:40	:	17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	:	17:50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:50	:	17:55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:55	:	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL			12	0	0	0	0	0	0	12	9	0	0	0	0	0	0	9
AVG			1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.75



Quality Traffic Storage

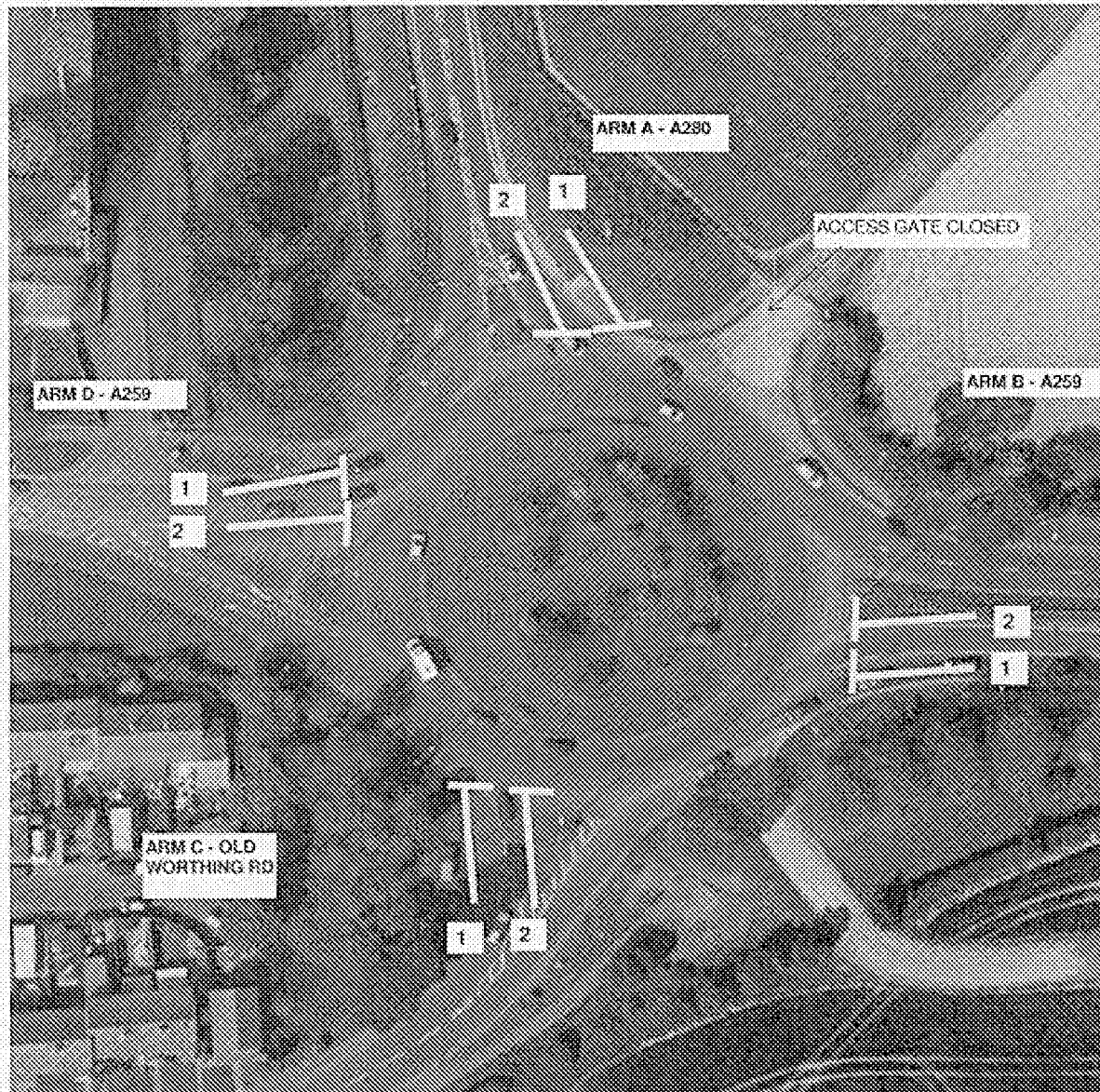
CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT MANAGER: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 7 (SITE PLAN)





CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 7 - ARM A (AM PEAKS)

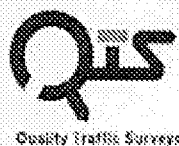
(LANE 1 IS NEARSIDE TO KERB)

Time			No. Vehicles						PCU TOTAL	No. Vehicles						PCU TOTAL	
			LANE 1							LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C		B/C	CARS	LGV	OGV1	OGV2	PSV		M/C
08:00	:	08:05	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2
08:05	:	08:10	2	1	0	0	0	0	3	1	0	0	0	0	0	0	1
08:10	:	08:15	1	1	0	0	0	0	2	3	0	0	0	0	0	0	3
08:15	:	08:20	3	0	0	0	0	0	3	5	1	0	0	0	0	0	6
08:20	:	08:25	4	0	0	0	0	0	4	6	0	0	0	0	0	0	6
08:25	:	08:30	3	0	0	0	0	0	3	8	0	0	0	0	0	0	8
08:30	:	08:35	5	0	0	0	0	0	5	6	1	0	0	0	0	0	7
08:35	:	08:40	3	0	0	0	0	0	3	7	0	0	0	0	0	0	7
08:40	:	08:45	3	0	0	0	0	0	3	5	1	0	0	0	0	0	6
08:45	:	08:50	1	1	0	0	0	0	2	5	0	0	0	0	0	0	5
08:50	:	08:55	2	0	0	0	0	0	2	4	0	0	0	0	0	0	4
08:55	:	09:00	1	0	0	0	0	0	1	2	0	0	0	0	0	0	2
TOTAL			30	3	0	0	0	0	33	54	3	0	0	0	0	0	57
AVG			2.50	0.25	0.00	0.00	0.00	0.00	2.75	4.50	0.25	0.00	0.00	0.00	0.00	0.00	4.75

 Quality Traffic Surveys	CLIENT: CIVIL ENGINEERING PRACTICE										REFERENCE NUMBER: QTS160									
	PROJECT DIRECTOR: DICKIE CUMBERWORTH										DATE: FRI 11TH NOV 11									
	DESCRIPTION: ANGMERING - QUEUE LENGH DATA - SITE 7 - ARM A {PM PEAKS}																			

(LANE 1 IS NEAR SIDE TO KERB)

Time		No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
		LANE 1								LANE 1							
		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
17:00	17:05	2	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
17:05	17:10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:10	17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	17:20	6	0	0	0	0	0	0	6	7	0	0	0	0	0	0	7
17:20	17:25	2	0	0	0	0	0	0	2	5	0	0	0	0	0	0	5
17:25	17:30	4	0	0	0	0	0	0	4	7	0	0	0	0	0	0	7
17:30	17:35	3	0	0	0	0	0	0	3	6	0	0	0	0	0	0	6
17:35	17:40	0	0	0	0	0	0	0	0	7	1	0	0	0	0	0	8
17:40	17:45	1	0	0	0	0	0	0	1	5	0	0	0	0	0	0	5
17:45	17:50	2	0	0	0	0	0	0	2	3	1	0	0	0	0	0	4
17:50	17:55	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
17:55	18:00	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2
TOTAL		22	0	0	0	0	0	0	22	45	2	0	0	0	0	0	47
AVG		1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.83	3.75	0.17	0.00	0.00	0.00	0.00	0.00	3.92



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGH DATA - SITE 7 - ARM B (AM PEAKS)

(LANE 1 IS NEAR SIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
08:00	:	08:05	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
08:05	:	08:10	5	1	0	0	0	0	0	6	0	0	0	0	0	0	0	0
08:10	:	08:15	6	0	0	0	0	0	0	6	1	0	0	0	0	0	0	1
08:15	:	08:20	7	0	0	0	0	0	0	7	2	0	0	0	0	0	0	2
08:20	:	08:25	8	0	0	0	0	0	0	8	1	0	0	0	0	0	0	1
08:25	:	08:30	9	2	0	0	0	0	0	11	1	0	0	0	0	0	0	1
08:30	:	08:35	8	0	0	0	0	0	0	8	0	1	0	0	0	0	0	1
08:35	:	08:40	10	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0
08:40	:	08:45	10	1	0	0	0	0	0	11	0	0	0	0	0	0	0	0
08:45	:	08:50	8	0	0	0	0	0	0	8	1	0	0	0	0	0	0	1
08:50	:	08:55	7	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0
08:55	:	09:00	5	1	0	0	0	0	0	6	0	0	0	0	0	0	0	0
TOTAL			86	5	0	0	0	0	0	91	6	1	0	0	0	0	0	7
AVG			7.17	0.42	0.00	0.00	0.00	0.00	0.00	7.58	0.50	0.08	0.00	0.00	0.00	0.00	0.00	0.58



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 7 - ARM B (PM PEAKS)

(LANE 1 IS NEARSIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
17:00		17:05	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
17:05		17:10	3	0	0	0	0	0	0	3	1	0	1	0	0	0	0	2.5
17:10		17:15	8	1	0	0	0	0	0	9	1	0	0	0	0	0	0	1
17:15		17:20	17	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0
17:20		17:25	14	0	0	0	0	0	0	14	2	0	0	0	0	0	0	2
17:25		17:30	15	0	0	0	0	0	0	15	1	0	0	0	0	0	0	1
17:30		17:35	10	0	0	0	0	0	0	10	3	0	0	0	0	0	0	3
17:35		17:40	7	2	0	0	0	0	0	9	6	1	0	0	0	0	0	7
17:40		17:45	6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
17:45		17:50	3	0	0	0	0	0	0	3	2	0	0	0	0	0	0	2
17:50		17:55	10	3	0	0	0	0	0	13	0	0	0	0	0	0	0	0
17:55		18:00	5	0	0	0	0	0	0	5	1	1	0	0	0	0	0	2
TOTAL			103	6	0	0	0	0	0	109	17	2	1	0	0	0	0	20.5
AVG			8.58	0.50	0.00	0.00	0.00	0.00	0.00	9.08	1.42	0.17	0.08	0.00	0.00	0.00	0.00	1.71



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGH DATA - SITE 7 - ARM C (AM PEAKS)

(LANE 1 IS NEARSIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
08:00	:	08:05	5	0	0	0	0	0	5	2	0	0	0	0	0	0	2	
08:05	:	08:10	3	0	0	0	0	0	3	1	0	0	0	0	0	0	1	
08:10	:	08:15	2	0	0	0	0	0	2	7	0	0	0	0	0	0	7	
08:15	:	08:20	5	0	0	0	0	0	5	10	0	0	0	0	0	0	10	
08:20	:	08:25	0	0	0	0	0	0	0	12	1	0	0	0	0	0	13	
08:25	:	08:30	1	0	0	0	0	0	1	5	0	0	0	0	0	0	5	
08:30	:	08:35	3	0	0	0	0	0	3	2	0	0	0	0	0	0	2	
08:35	:	08:40	2	0	0	0	0	0	2	3	0	0	0	1	0	0	5	
08:40	:	08:45	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	
08:45	:	08:50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08:50	:	08:55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08:55	:	09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL			21	0	0	0	0	0	21	48	1	0	0	1	0	0	51	
AVG			1.75	0.00	0.00	0.00	0.00	0.00	1.75	4.00	0.08	0.00	0.00	0.08	0.00	0.00	4.25	

 Quality Traffic Surveys	CLIENT: CIVIL ENGINEERING PRACTICE										REFERENCE NUMBER: QTS160									
	PROJECT DIRECTOR: DICKIE CUMBERWORTH										DATE: FRI 11TH NOV 11									
	DESCRIPTION: ANGMERING - QUEUE LENGH DATA - SITE 7 - ARM C (PM PEAKS)																			

(LANE 1 IS NEARSIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
17:00	:	17:05	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	
17:05	:	17:10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17:10	:	17:15	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
17:15	:	17:20	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	
17:20	:	17:25	1	0	0	0	0	0	1	3	0	0	0	0	0	0	3	
17:25	:	17:30	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	
17:30	:	17:35	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	
17:35	:	17:40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17:40	:	17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17:45	:	17:50	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	
17:50	:	17:55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17:55	:	18:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	
TOTAL			6	0	0	0	0	0	6	13	0	0	0	0	0	0	13	
AVG			0.50	0.00	0.00	0.00	0.00	0.00	0.50	1.08	0.00	0.00	0.00	0.00	0.00	0.00	1.08	



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGTH DATA - SITE 7 - ARM D (AM PEAKS)

(LANE 1 IS NEARSIDE TO KERB)

Time			No. Vehicles							PCU TOTAL	No. Vehicles							PCU TOTAL
			LANE 1								LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C	B/C		CARS	LGV	OGV1	OGV2	PSV	M/C	B/C	
08:00	:	08:05	3	0	0	0	0	0	3	3	0	0	0	0	0	0	3	
08:05	:	08:10	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	
08:10	:	08:15	5	1	0	0	0	0	6	3	0	0	0	0	0	0	3	
08:15	:	08:20	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	
08:20	:	08:25	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	
08:25	:	08:30	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	
08:30	:	08:35	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
08:35	:	08:40	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	
08:40	:	08:45	5	0	0	0	0	0	5	3	1	0	0	0	0	0	4	
08:45	:	08:50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08:50	:	08:55	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	
08:55	:	09:00	1	0	0	0	0	0	1	2	0	0	0	0	0	0	2	
TOTAL			21	1	0	0	0	0	22	24	1	0	0	0	0	0	25	
AVG			1.75	0.08	0.00	0.00	0.00	0.00	1.83	2.00	0.08	0.00	0.00	0.00	0.00	0.00	2.08	



CLIENT: CIVIL ENGINEERING PRACTICE

REFERENCE NUMBER: QTS160

PROJECT DIRECTOR: DICKIE CUMBERWORTH

DATE: FRI 11TH NOV 11

DESCRIPTION: ANGMERING - QUEUE LENGH DATA - SITE 7 - ARM D (PM PEAKS)

(LANE 1 IS NEAR SIDE TO KERB)

Time			No. Vehicles						PCU TOTAL	No. Vehicles						PCU TOTAL	
			LANE 1							LANE 1							
			CARS	LGV	OGV1	OGV2	PSV	M/C		B/C	CARS	LGV	OGV1	OGV2	PSV		M/C
17:00		17:05	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1
17:05		17:10	2	0	0	0	0	0	2	1	0	0	0	0	0	0	1
17:10		17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15		17:20	2	1	0	0	0	0	3	2	0	0	0	0	0	0	2
17:20		17:25	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
17:25		17:30	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0
17:30		17:35	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
17:35		17:40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:40		17:45	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
17:45		17:50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:50		17:55	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
17:55		18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL			10	1	0	0	0	0	11	5	0	0	0	0	0	0	5
AVG			0.83	0.08	0.00	0.00	0.00	0.00	0.92	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.42

Appendix 2
Roundstone Lane Roundabout Plan
and Photographs