



Trinity Academy, Barnsley

Transport Assessment prepared
on behalf of Bowmer & Kirkland
Ltd

(Volume 3: Appendices 5-15,
Drawings)

November 2021

MILESTONE
TRANSPORT PLANNING

Appendix 5

Security School Census - Month of March 2007 (2007-2008) Percentages

		Mathematics										Science										Social Studies										Language Arts										Physical Education										Art										Music										Health										Career/Technical Education										Other										Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

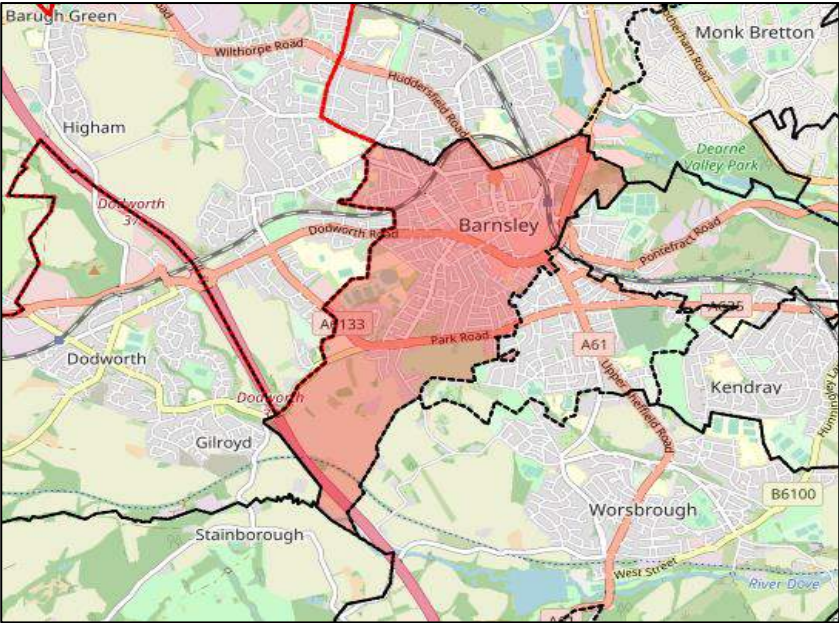
Appendix 6

WU03EW - Location of usual residence and place of work by method of travel to work (MSOA level)

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population	All usual residents aged 16 and over in employment the week before the census
units	Persons
usual residence	England and Wales (country)
place of work	E02001521 : Barnsley 013 (2011 super output area - middle layer)

Method of travel to work	2011	Modal Split	Number	Modal Share
All categories: Method of travel to work	12,657	Car Driver	7,700	61%
Work mainly at or from home	0	Car Passenger	848	7%
Underground, metro, light rail or tram	10	Public Transport	1,974	16%
Train	317	Pedestrian	1,922	15%
Bus, minibus or coach	1,647	Cycle	54	0%
Taxi	77	Other	159	1%
Motorcycle, scooter or moped	57	Total	12,657	100%
Driving a car or van	7,700			
Passenger in a car or van	848			
Bicycle	54			
On foot	1,922			
Other method of travel to work	25			



In order to protect against disclosure of personal information, records have been swapped between different geographic areas. Some counts will be affected, particularly small counts at the lowest geographies.

Appendix 7

* Traffic flows and assessment methodology to be confirmed in consultation with BMBC

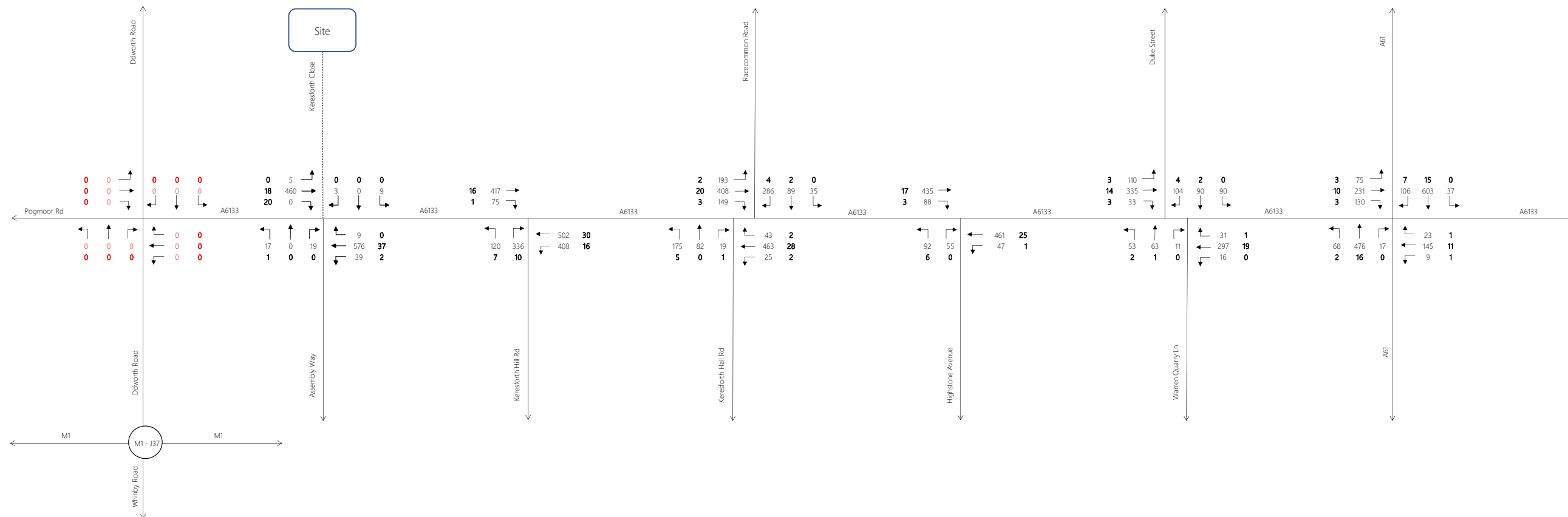


Figure 2.1 - 2028 Base AM Peak (08:00 - 09:00)

* Traffic flows and assessment methodology to be confirmed in consultation with BMBC

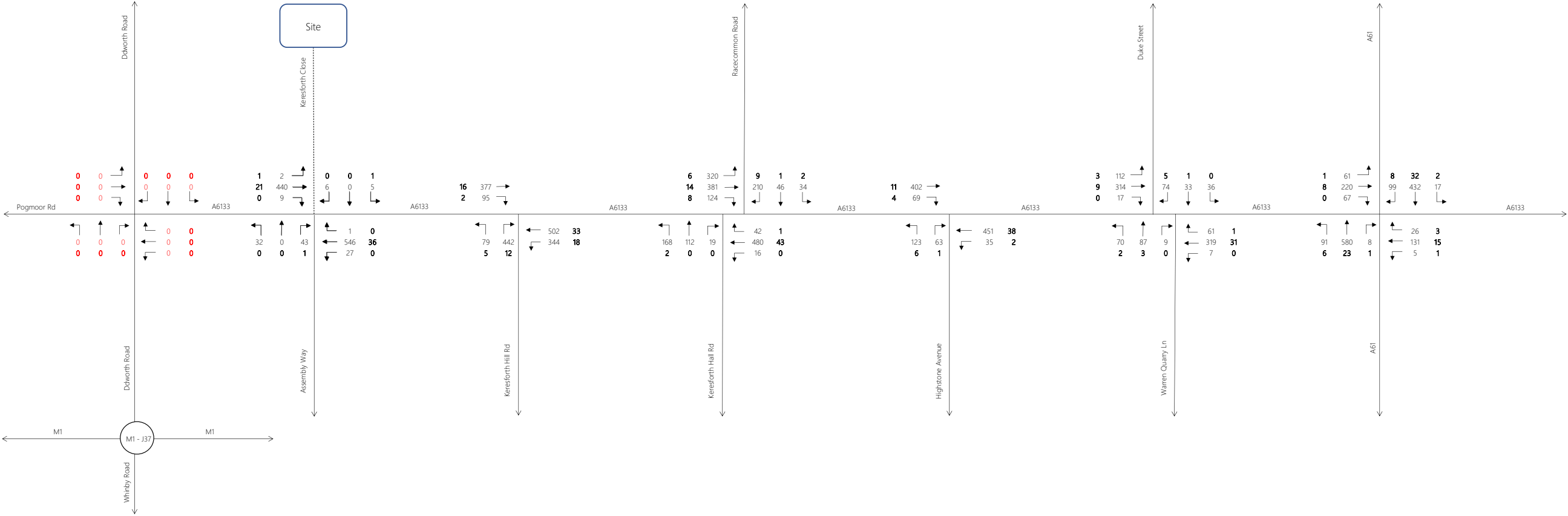


Figure 2.2 - 2028 Base PM Peak (15:00 - 16:00)

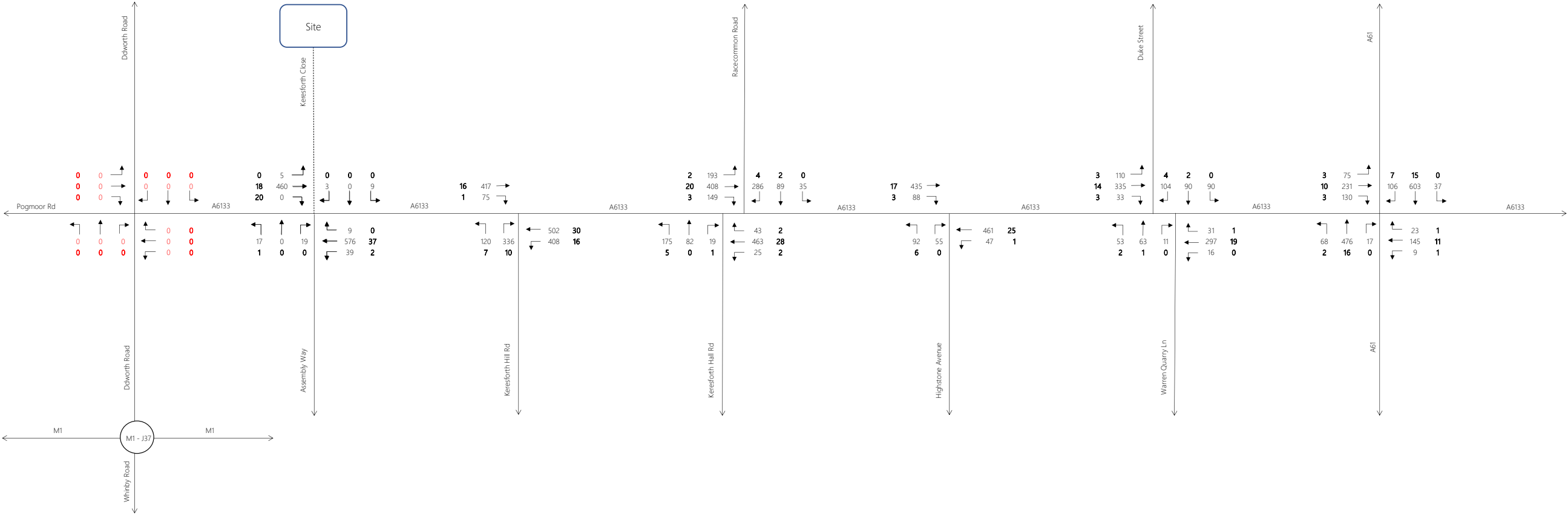


Figure 3.1 - Total Committed Development AM Peak

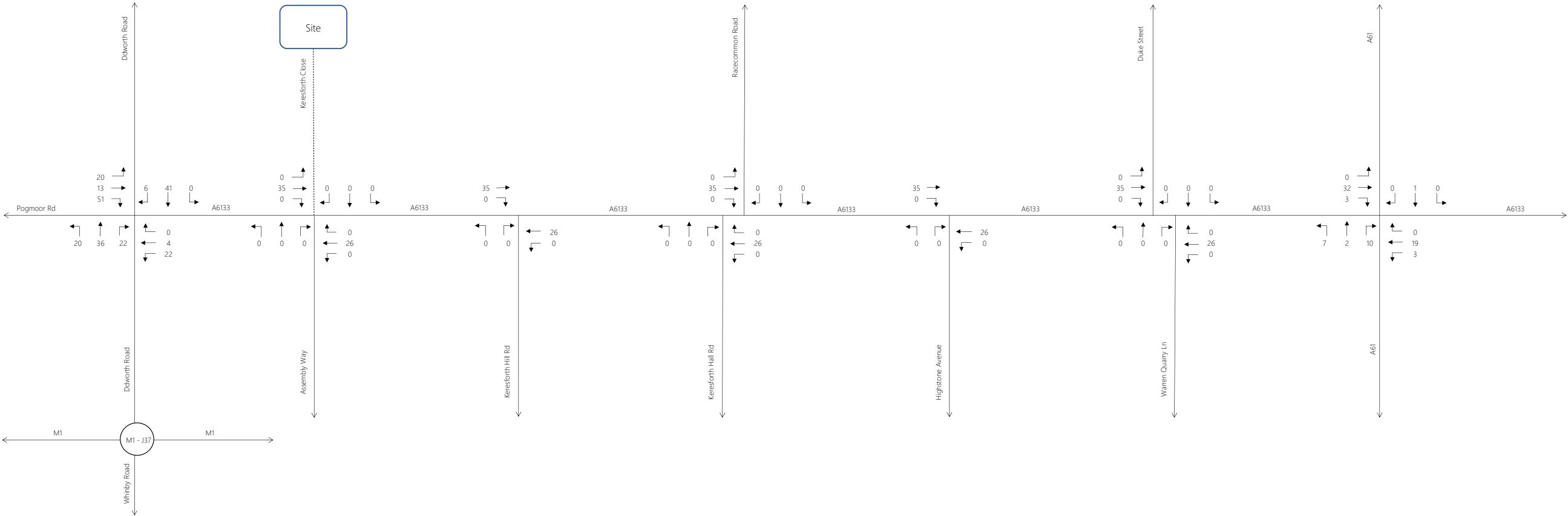


Figure 3.2 - Total Committed Development PM Peak

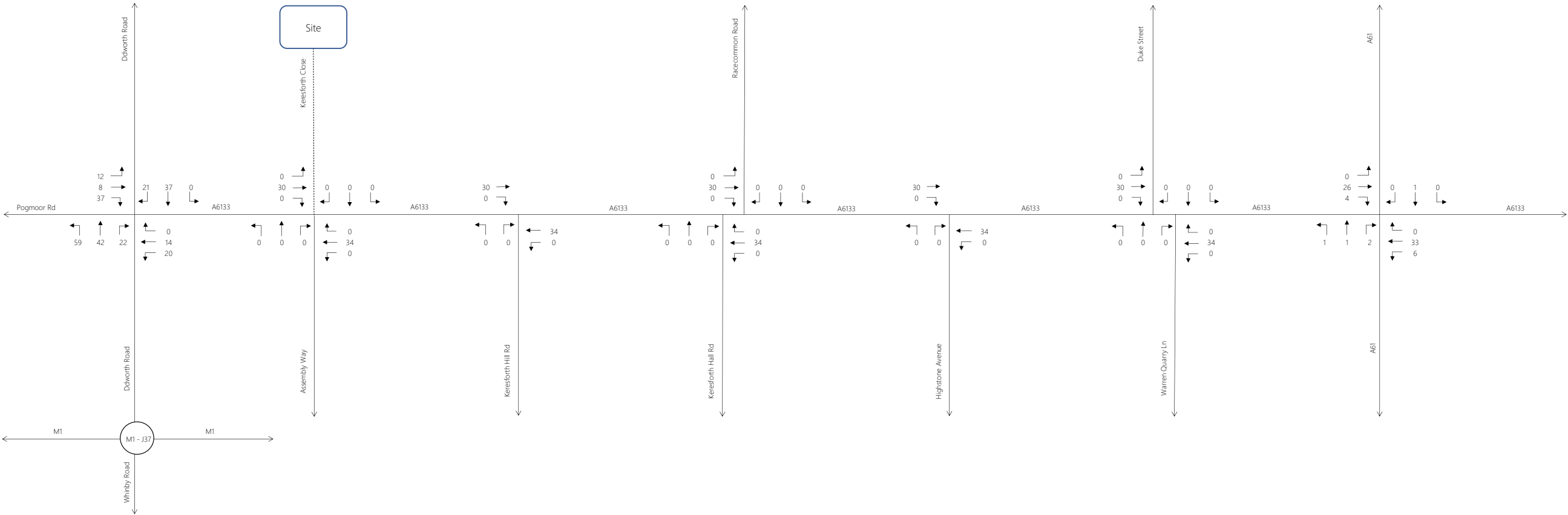


Figure 4.1 - 2028 Base + Total Committed Development AM Peak

* Traffic flows and assessment methodology to be confirmed in consultation with BMBC

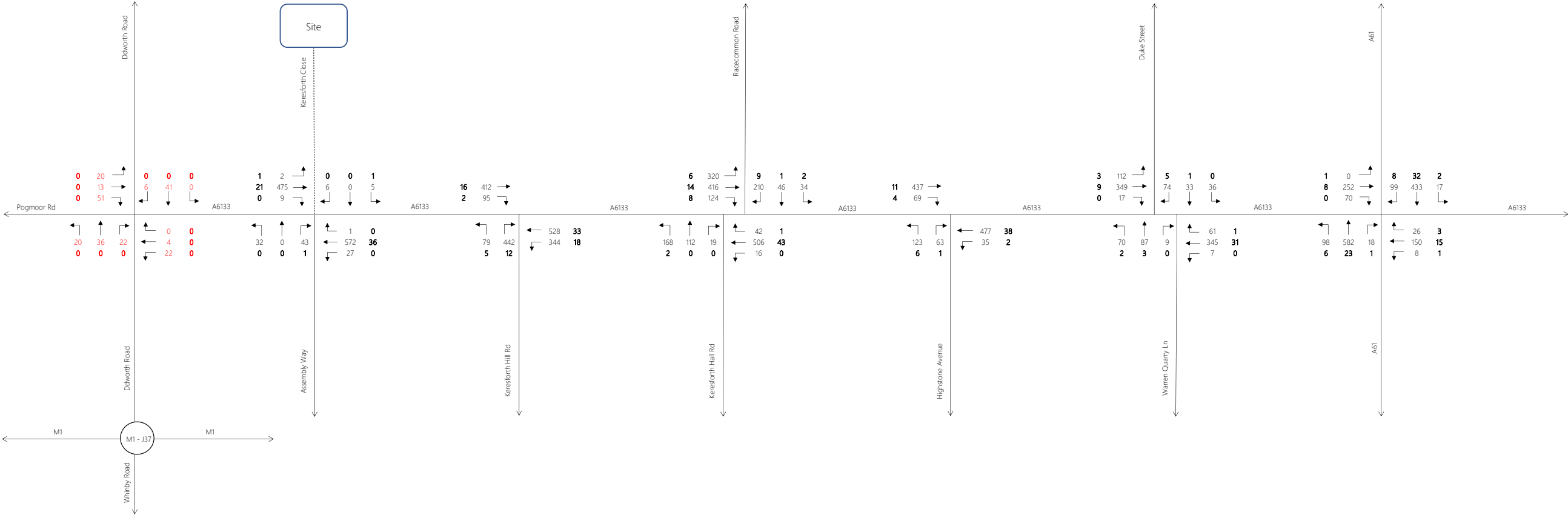


Figure 4.2 - 2028 Base + Total Committed Development PM Peak

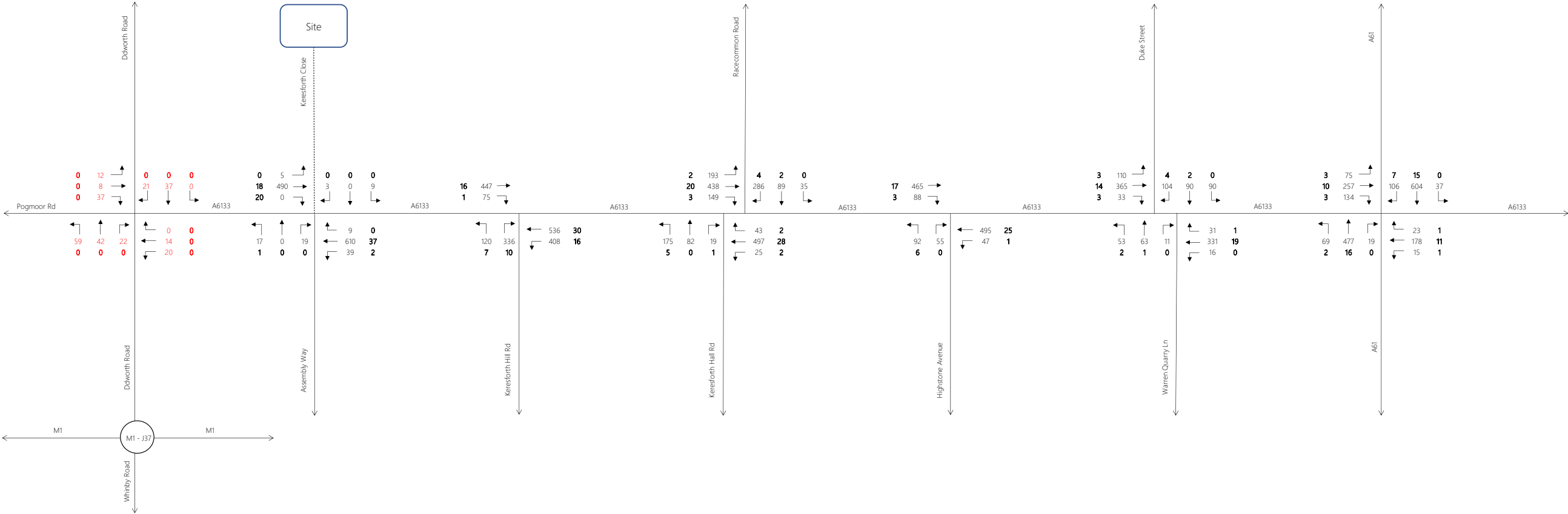


Figure 5.1- School Pupil Traffic Distribution AM Peak

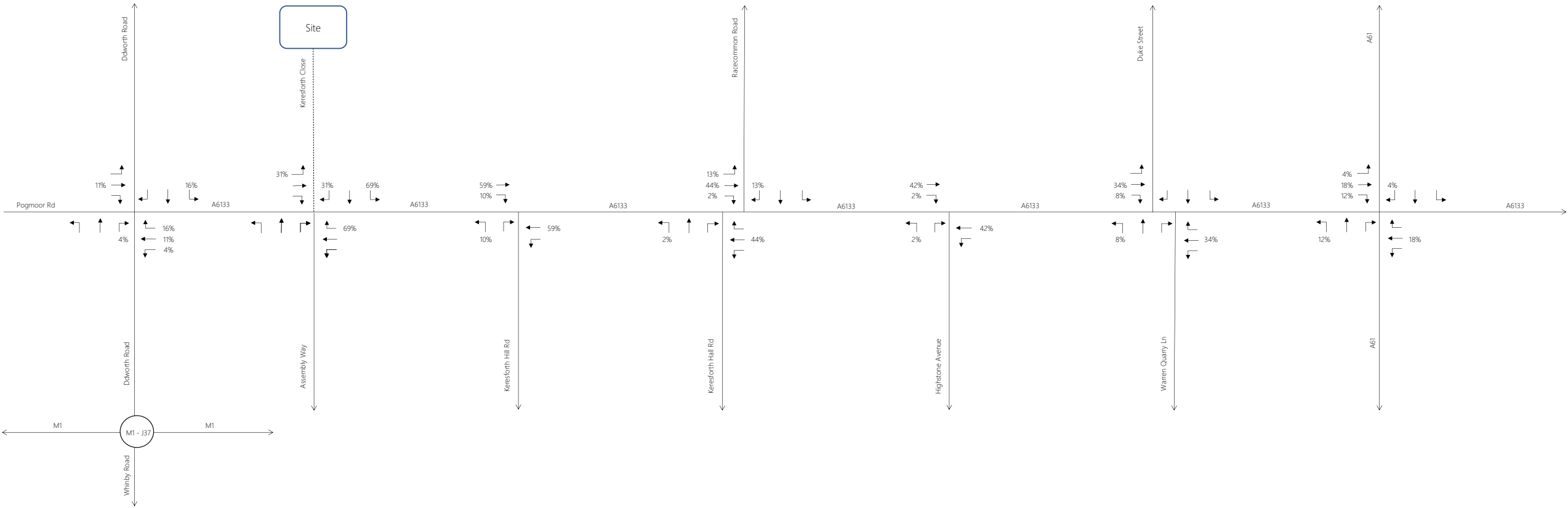
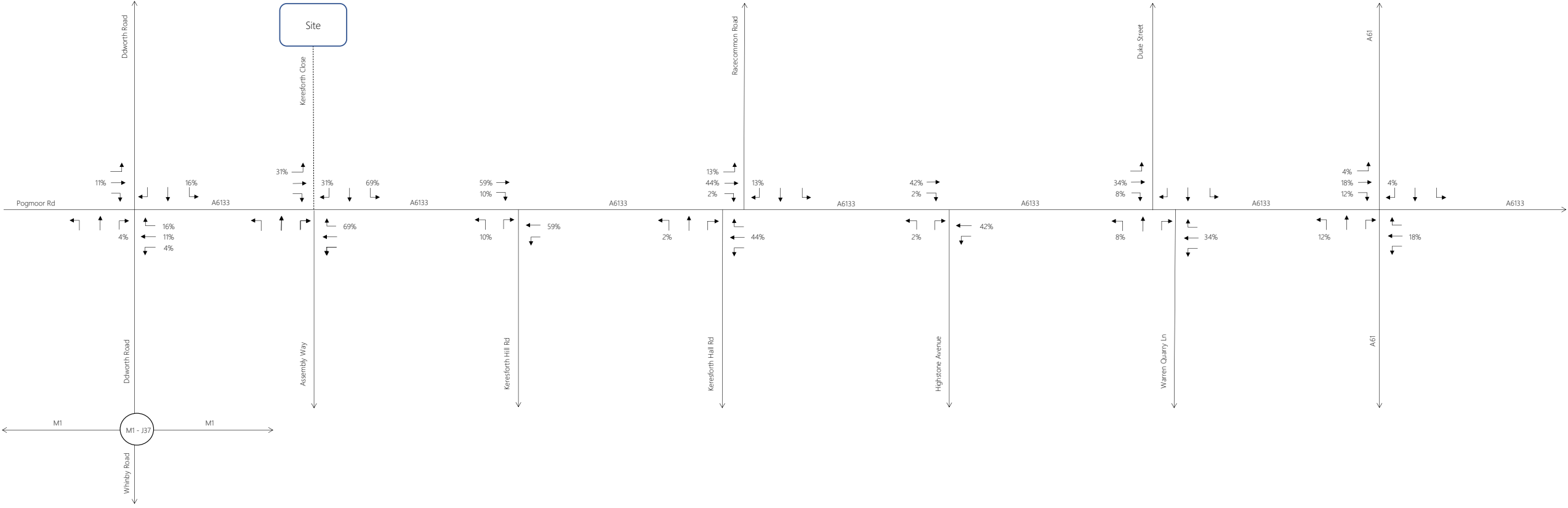


Figure 5.2 - School Pupil Traffic Distribution PM Peak





MILESTONE
TRANSPORT PLANNING

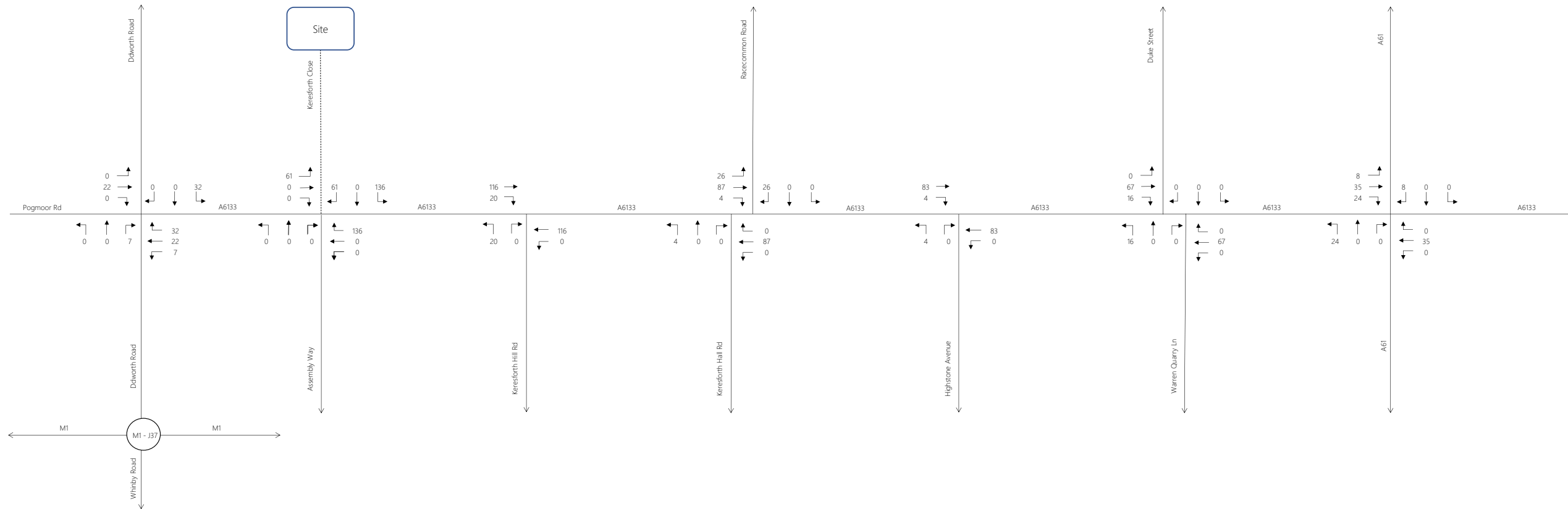


Figure 7.1 - School Staff Traffic Distribution AM Peak

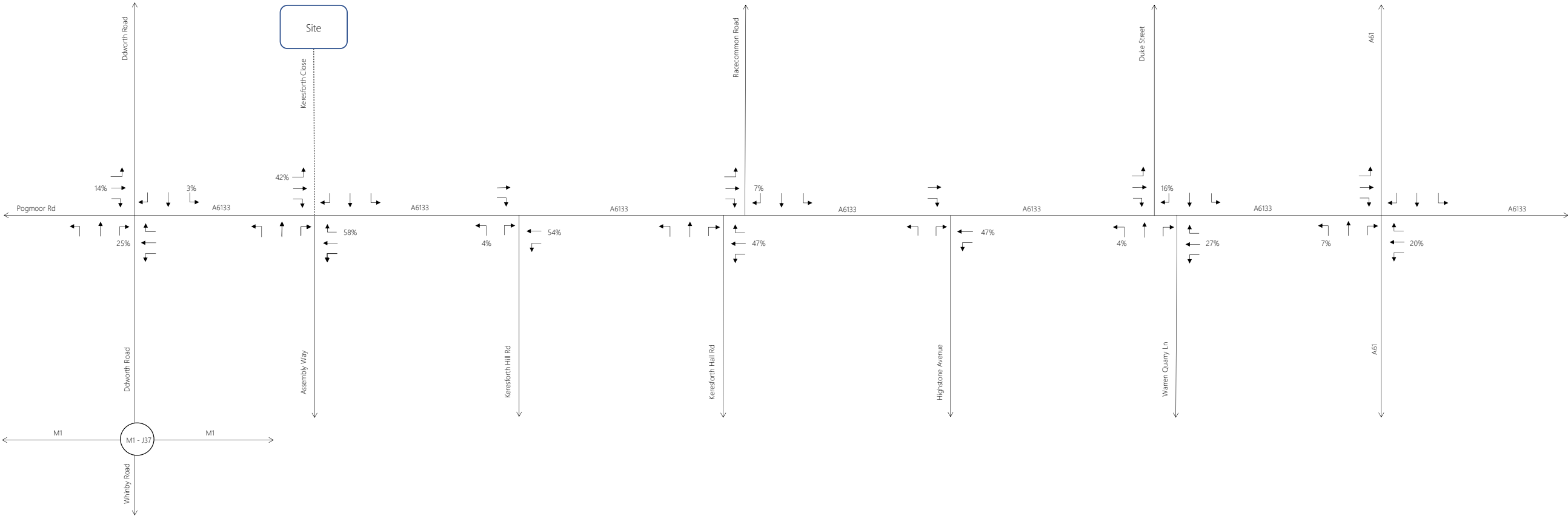


Figure 7.2 - School Staff Traffic Distribution PM Peak

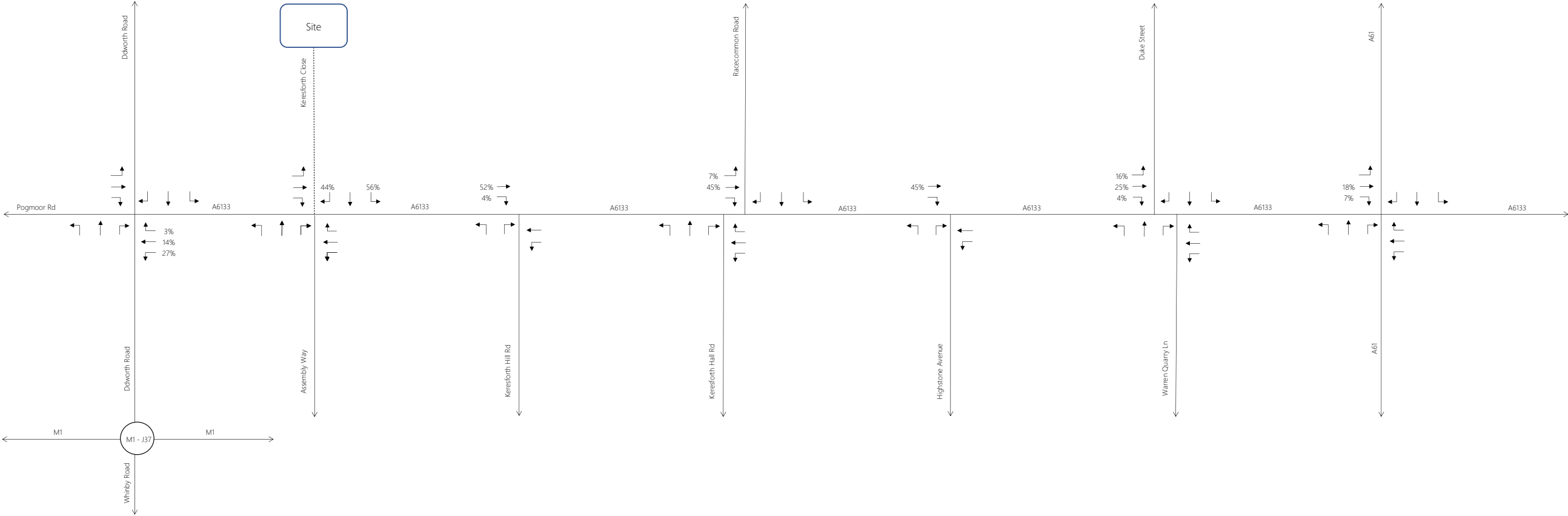


Figure 8.1- School Staff Traffic AM Peak

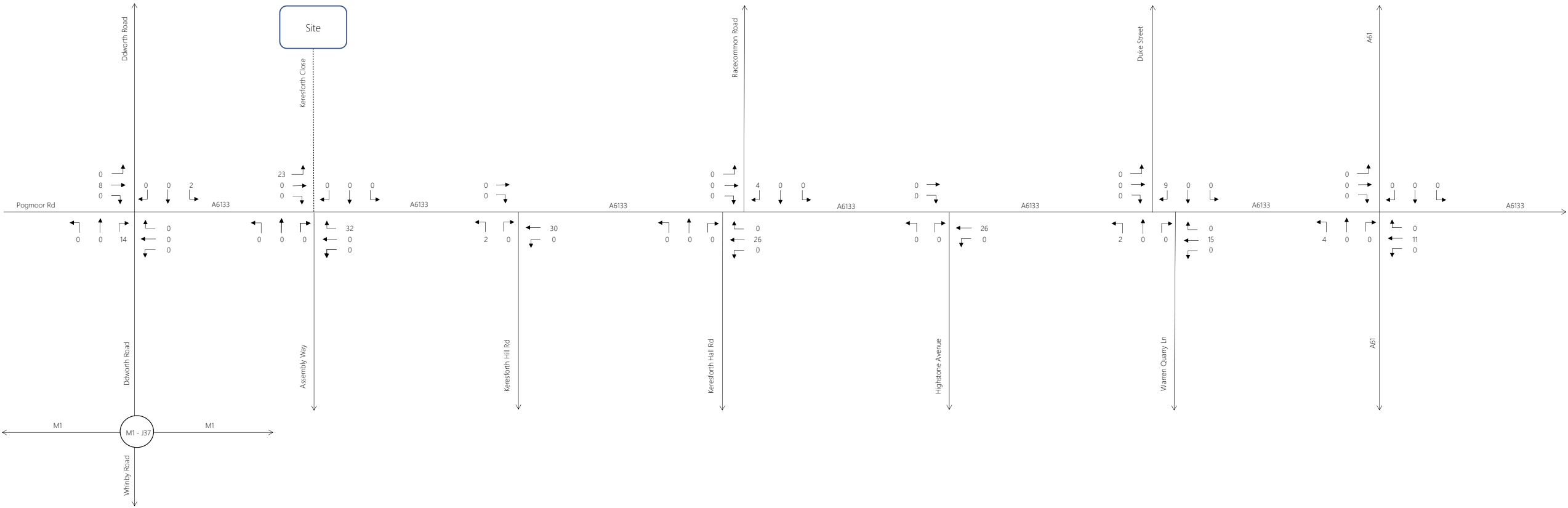


Figure 8.2 - School Staff Traffic PM Peak

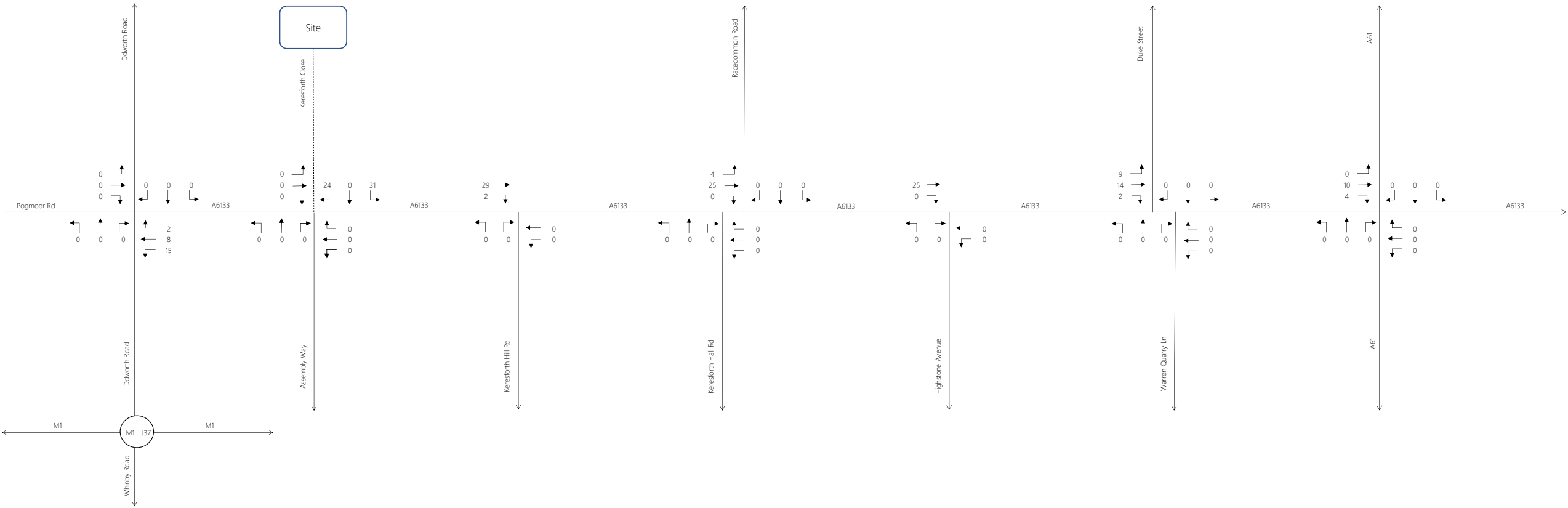


Figure 9.1 - 2028 Base + Total Committed Development + Pupil & Staff Trips AM Peak

* Traffic flows and assessment methodology to be confirmed in consultation with BMBC

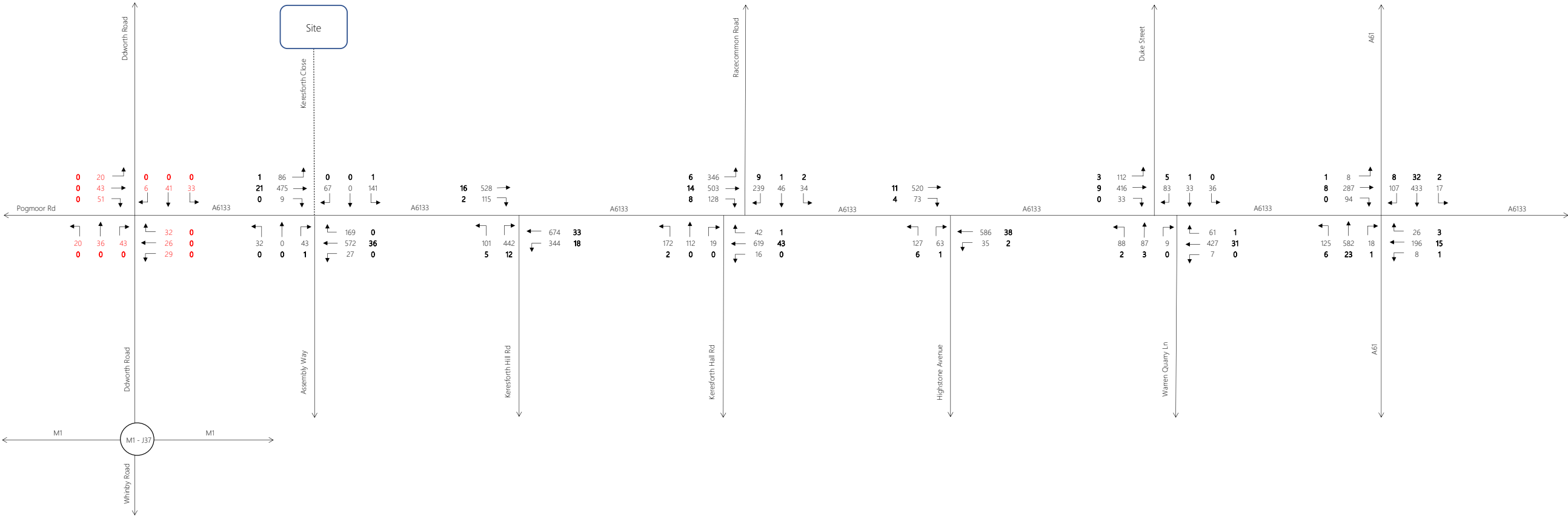
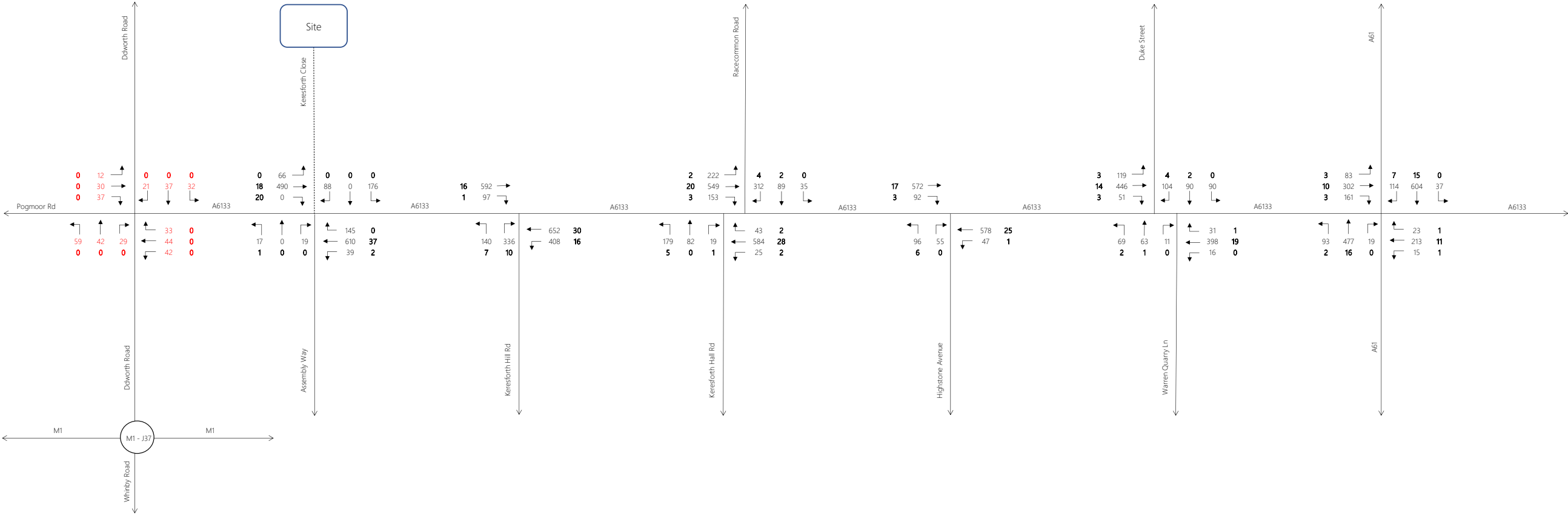


Figure 9.2 - 2028 Base + Total Committed Development + Pupil & Staff Trips PM Peak



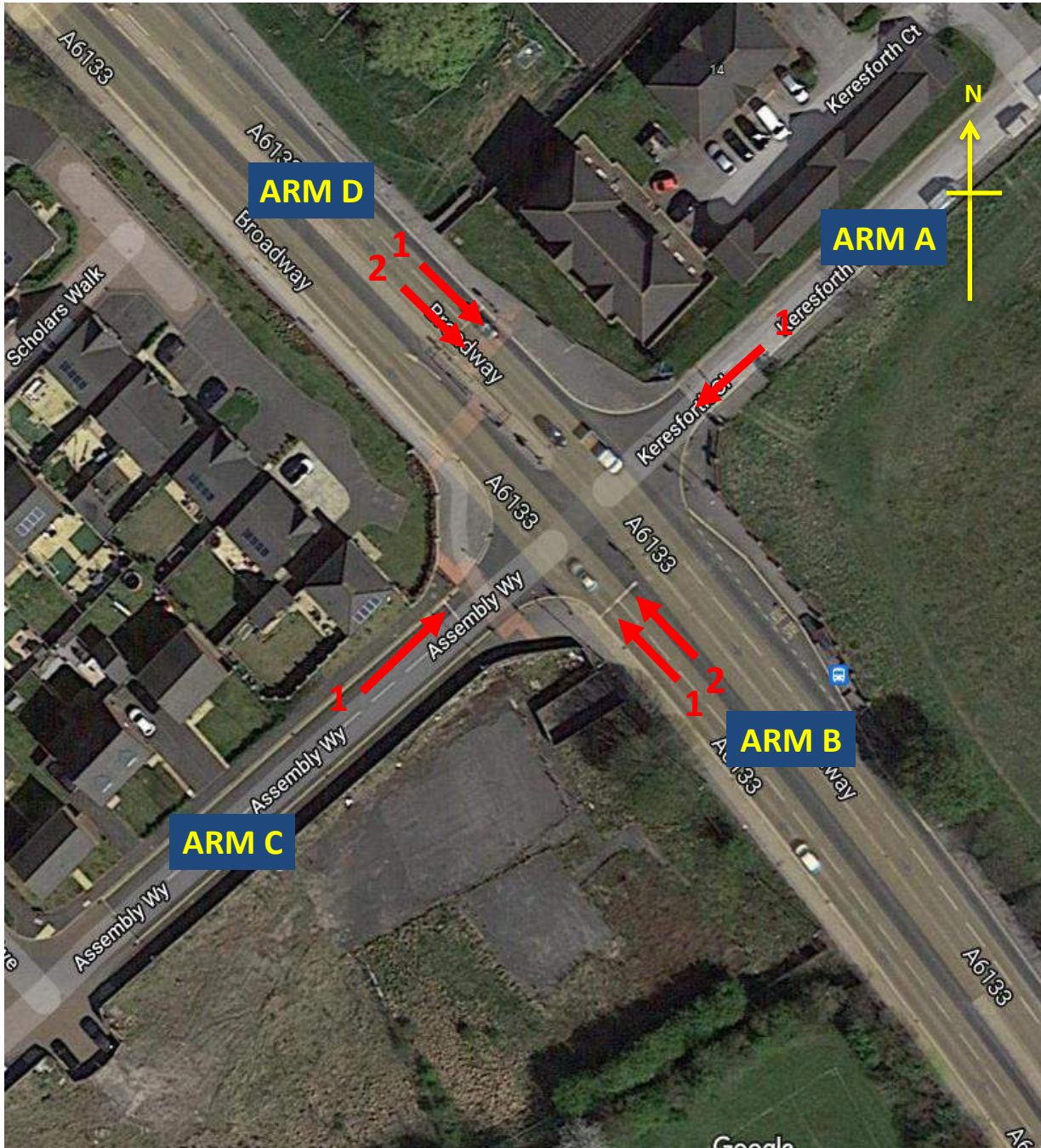
Appendix 8

population All usual residents aged 16 and over in employment the week before the census
units Persons
date 2011
method of travel to work All categories: Method of travel to work (2001 specification)
Place of work Barnsley 013

Home Location		No.	%	Route Assignment
Barnsley	001	216	1.9%	Duke St / A6133 (50%), Pogmoor Road / A6133 (50%)
	002	237	2.1%	Duke St / A6133 (50%), Pogmoor Road / A6133 (50%)
	003	263	2.3%	Duke St / A6133
	004	364	3.2%	Duke St / A6133 (50%), Pogmoor Road / A6133 (50%)
	005	372	3.3%	Pogmoor Road / A6133
	006	168	1.5%	Duke St / A6133
	007	365	3.2%	Duke St / A6133
	008	247	2.2%	Duke St / A6133
	009	465	4.1%	Duke St / A6133 (50%), Racecommon Road / A6133 (50%)
	010	793	7.0%	Racecommon Road / A6133 (50%), Dodworth Road (N) / A6133 (50%)
	011	285	2.5%	Duke St / A6133 (50%), Racecommon Road / A6133 (50%)
	012	755	6.6%	Pogmoor Road / A6133
	014	87	0.8%	A6133 (E)
	015	428	3.8%	A6133 (E)
	016	236	2.1%	Dodworth Road (S) / A6133
	017	401	3.5%	Warren Quarry Lane / A6133
	018	251	2.2%	A6133 (E)
	019	343	3.0%	Keresforth Hill Road / A6133
	020	305	2.7%	A6133 (E)
	021	445	3.9%	A61 (S) / A6133
	022	80	0.7%	A6133 (E)
	023	160	1.4%	A6133 (E)
	024	273	2.4%	Dodworth Road (S) / A6133
	025	86	0.8%	A6133 (E)
	026	257	2.3%	A6133 (E)
	027	134	1.2%	Keresforth Hill Road / A6133
	028	266	2.3%	A61 (S) / A6133
	029	243	2.1%	A61 (S) / A6133 (50%), A6133 (E) (50%)
	030	195	1.7%	Dodworth Road (S) / A6133
Yorkshire and Humber	Bradford	25	0.2%	Dodworth Road (S) / A6133
	Calderdale	10	0.1%	Dodworth Road (S) / A6133
	Craven	0	0.0%	Dodworth Road (S) / A6133
	Doncaster	253	2.2%	A6133 (E)
	East Riding of Yorkshire	7	0.1%	Dodworth Road (S) / A6133
	Hambleton	1	0.0%	Dodworth Road (S) / A6133
	Harrogate	4	0.0%	Dodworth Road (S) / A6133
	Kingston upon Hull, City of	1	0.0%	Dodworth Road (S) / A6133
	Kirklees	317	2.8%	Dodworth Road (S) / A6133
	Leeds	145	1.3%	Dodworth Road (S) / A6133
	North East Lincolnshire	2	0.0%	Dodworth Road (S) / A6133
	North Lincolnshire	8	0.1%	Dodworth Road (S) / A6133
	Richmondshire	0	0.0%	Dodworth Road (S) / A6133
	Rotherham	483	4.2%	Dodworth Road (S) / A6133 (50%), A6133 (E) (50%)
	Ryedale	3	0.0%	Dodworth Road (S) / A6133
	Scarborough	3	0.0%	Dodworth Road (S) / A6133
	Selby	20	0.2%	Dodworth Road (S) / A6133
	Sheffield	655	5.7%	Dodworth Road (S) / A6133
	Wakefield	541	4.7%	Dodworth Road (S) / A6133
	York	11	0.1%	Dodworth Road (S) / A6133
East		9	0.1%	Dodworth Road (S) / A6133
East Midlands		100	0.9%	Dodworth Road (S) / A6133
London		9	0.1%	Dodworth Road (S) / A6133
North East		5	0.0%	Dodworth Road (S) / A6133
North West		48	0.4%	Dodworth Road (S) / A6133
South East		8	0.1%	Dodworth Road (S) / A6133
South West		3	0.0%	Dodworth Road (S) / A6133
Wales		1	0.0%	Dodworth Road (S) / A6133
West Midlands		12	0.1%	Dodworth Road (S) / A6133
Total		11,404	100.0%	

Appendix 9

SITE: 1		DATE: 18TH NOVEMBER 2021
LOCATION: KERESFORTH CL / BROADWAY / ASSEMBLY WAY		DAY: THURSDAY



JOB TITLE: BARNSLEY	JOB NUMBER: 10917
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QUEUE LENGTHS

JOB REF: 10917



JOB NAME: BARNSELEY

SITE: 1

DATE: 18/11/2021

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)

DAY: THURSDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A KERESFORTH CL	ARM B BROADWAY (SE)		ARM C ASSEMBLY WAY	ARM D BROADWAY (NW)		TIME	ARM A KERESFORTH CL	ARM B BROADWAY (SE)		ARM C ASSEMBLY WAY	ARM D BROADWAY (NW)	
	LANE 1	LANE 1	LANE 2	LANE 1	LANE 1	LANE 2		LANE 1	LANE 1	LANE 2	LANE 1	LANE 1	LANE 2
07:00	0	1	0	1	1	0	14:00	1	0	0	1	1	0
07:05	0	0	1	2	1	0	14:05	0	0	0	1	0	0
07:10	1	2	0	1	0	0	14:10	0	0	0	2	0	0
07:15	1	1	0	1	0	0	14:15	0	0	0	1	0	1
07:20	0	1	0	1	1	0	14:20	1	0	0	0	0	0
07:25	0	1	0	2	0	0	14:25	1	0	0	1	0	0
07:30	2	0	1	2	0	1	14:30	0	0	0	1	0	0
07:35	1	1	0	2	4	2	14:35	0	0	0	1	0	0
07:40	3	0	0	2	0	0	14:40	1	0	0	1	0	1
07:45	1	0	0	1	1	0	14:45	0	1	0	1	0	0
07:50	2	1	0	1	1	1	14:50	3	1	0	1	0	0
07:55	0	3	1	3	2	1	14:55	1	2	0	1	0	0
08:00	2	0	0	2	1	0	15:00	0	0	1	0	2	0
08:05	1	1	0	1	0	2	15:05	0	1	0	2	1	0
08:10	0	0	0	1	0	1	15:10	2	8	2	1	2	5
08:15	1	1	0	2	0	0	15:15	1	1	0	1	1	0
08:20	1	9	2	1	0	0	15:20	0	1	0	1	1	2
08:25	1	2	2	3	0	0	15:25	1	2	0	0	0	2
08:30	1	0	0	2	0	0	15:30	0	0	0	1	3	2
08:35	0	2	0	1	0	0	15:35	1	2	1	0	3	4
08:40	1	1	0	1	6	4	15:40	1	1	0	1	1	1
08:45	0	0	0	1	2	0	15:45	0	9	0	1	3	0
08:50	1	0	0	1	1	1	15:50	0	1	0	1	1	0
08:55	0	1	0	0	1	0	15:55	0	1	0	1	5	2
09:00	1	1	0	0	0	0	16:00	0	0	1	1	2	3

QUEUE LENGTHS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 1



DATE: 18/11/2021

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)

DAY: THURSDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A KERESFORTH CL	ARM B BROADWAY (SE)		ARM C ASSEMBLY WAY	ARM D BROADWAY (NW)	
	LANE 1	LANE 1	LANE 2	LANE 1	LANE 1	LANE 2
09:05	1	3	0	0	0	0
09:10	0	1	0	1	0	1
09:15	1	3	0	1	2	1
09:20	0	1	0	1	2	0
09:25	1	0	0	1	0	0
09:30	0	1	0	1	0	2
09:35	0	7	1	0	4	0
09:40	1	1	0	0	0	0
09:45	1	1	0	1	0	0
09:50	0	0	0	0	0	0
09:55	1	0	0	1	1	1

TIME	ARM A KERESFORTH CL	ARM B BROADWAY (SE)		ARM C ASSEMBLY WAY	ARM D BROADWAY (NW)	
	LANE 1	LANE 1	LANE 2	LANE 1	LANE 1	LANE 2
16:05	1	5	0	2	0	1
16:10	0	0	0	1	0	0
16:15	1	3	0	1	2	2
16:20	1	1	0	2	0	1
16:25	0	1	0	1	0	0
16:30	1	2	0	1	1	2
16:35	1	1	0	2	6	2
16:40	1	0	0	0	1	1
16:45	1	1	0	1	1	2
16:50	0	0	0	2	0	1
16:55	0	0	0	1	0	0
17:00	0	0	0	0	1	0
17:05	1	5	1	1	1	0
17:10	0	1	0	1	5	3
17:15	0	5	1	1	0	1
17:20	0	2	0	2	0	0
17:25	1	0	0	1	1	0
17:30	0	3	2	2	2	0
17:35	0	1	2	1	1	1
17:40	1	4	1	1	3	4
17:45	1	0	1	0	0	1
17:50	0	0	0	1	0	1
17:55	0	6	2	0	3	0
18:00	1	2	2	1	0	0
18:05	1	3	1	1	0	0
18:10	1	1	0	1	0	0
18:15	1	0	0	0	3	2
18:20	1	5	1	1	0	0
18:25	0	1	0	0	0	0
18:30	1	2	0	1	0	0
18:35	0	0	0	1	0	3
18:40	0	0	0	1	0	0
18:45	0	0	0	2	1	0
18:50	0	0	0	1	0	0
18:55	0	0	0	1	0	0

AUTO
SURVEYS LTD
TRAFFIC DATA COLLECTION

DATE: 18/11/2021

DAY: THURSDAY

DAY: THURSDAY

DAY: THURSDAY

TIME	A TO B							
	FROM KERESFORTH CL TO BROADWAY (SE)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0
07:15	1	0	0	0	0	0	0	1
07:30	3	2	0	0	0	0	0	5
07:45	5	0	0	0	0	0	0	5
H/TOT	9	2	0	0	0	0	0	11
08:00	2	1	0	0	0	0	0	3
08:15	0	0	1	0	0	0	0	1
08:30	0	0	0	0	0	0	0	0
08:45	1	0	0	0	0	0	0	1
H/TOT	3	1	1	0	0	0	0	5
09:00	2	0	0	0	0	0	0	2
09:15	2	1	0	0	0	0	0	3
09:30	0	1	0	0	0	0	0	1
09:45	1	0	0	0	0	0	0	1
H/TOT	5	2	0	0	0	0	0	7
P/TOT	17	5	1	0	0	0	0	23

[illegible]

AUTO
SURVEYS LTD
TRAFFIC DATA COLLECTION

DATE: 18/11/2021

DAY: THURSDAY

DAY: THURSDAY

DAY: THURSDAY

TIME	A TO B							
	FROM KERESFORTH CL TO BROADWAY (SE)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	0	1	0	0	0	0	0	1
14:15	2	0	0	0	0	0	0	2
14:30	1	0	0	0	0	0	0	1
14:45	2	0	0	0	0	0	0	2
H/TOT	5	1	0	0	0	0	0	6
15:00	7	0	0	0	0	0	0	7
15:15	0	0	0	0	0	0	0	0
15:30	2	0	0	0	0	0	0	2
15:45	0	0	0	0	0	0	0	0
H/TOT	9	0	0	0	0	0	0	9
16:00	1	0	0	0	0	0	0	1
16:15	1	0	0	0	0	0	0	1
16:30	3	0	0	0	0	0	0	3
16:45	1	0	0	0	0	0	0	1
H/TOT	6	0	0	0	0	0	0	6
17:00	1	0	0	0	0	0	0	1
17:15	0	0	0	0	0	0	0	0
17:30	2	1	0	0	0	0	0	3
17:45	1	0	0	0	0	0	0	1
H/TOT	4	1	0	0	0	0	0	5
18:00	1	0	0	0	0	0	0	1
18:15	1	0	0	0	0	0	0	1
18:30	1	0	0	0	0	0	0	1
18:45	0	0	0	0	0	0	0	0
H/TOT	3	0	0	0	0	0	0	3
P/TOT	27	2	0	0	0	0	0	29

[illegible]

AUTO
SURVEYS LTD
TRAFFIC DATA COLLECTION

DATE: 18/11/2021

DAY: THURSDAY

DAY: THURSDAY

DAY: THURSDAY

B TO A							
FROM BROADWAY (SE) TO KERESFORTH CL							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	5
6	0	0	0	0	0	0	6
11	1	0	0	0	0	0	12
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	2
1	1	0	0	0	0	0	2
0	2	0	0	0	0	0	2
0	0	0	0	0	0	0	0
3	3	0	0	0	0	0	6
15	4	0	0	0	0	0	19

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 1

DATE: 18/11/2021

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)

DAY: THURSDAY

TIME	A TO D							
	FROM KERESFORTH CL TO BROADWAY (NW)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0
14:30	1	0	0	0	0	0	0	1
14:45	1	0	0	0	0	0	0	1
H/TOT	2	0	0	0	0	0	0	2
15:00	0	0	0	0	0	0	0	0
15:15	1	1	0	0	0	0	0	2
15:30	1	0	0	0	0	0	0	1
15:45	0	0	0	0	0	0	0	0
H/TOT	2	1	0	0	0	0	0	3
16:00	0	0	0	0	0	0	0	0
16:15	2	0	0	0	0	0	0	2
16:30	1	0	0	0	0	0	0	1
16:45	0	0	0	0	0	0	0	0
H/TOT	3	0	0	0	0	0	0	3
17:00	0	0	0	0	0	0	0	0
17:15	1	0	0	0	0	0	0	1
17:30	1	0	0	0	0	0	0	1
17:45	1	0	0	0	0	0	0	1
H/TOT	3	0	0	0	0	0	0	3
18:00	1	1	0	0	0	0	0	2
18:15	1	0	0	0	0	0	0	1
18:30	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0
H/TOT	2	1	0	0	0	0	0	3
P/TOT	12	2	0	0	0	0	0	14

	B TO A							
	FROM BROADWAY (SE) TO KERESFORTH CL							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
2	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	2
5	0	0	0	0	0	0	0	5
8	1	0	0	0	0	0	0	9
3	0	0	0	0	0	0	0	3
2	0	0	0	0	0	0	0	2
2	0	0	0	0	0	0	0	2
2	0	0	0	0	0	0	0	2
9	0	0	0	0	0	0	0	9
1	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	2
1	0	0	0	0	0	0	0	1
1	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	5
0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	3
6	0	0	0	0	0	0	0	6
2	0	0	0	0	0	0	0	2
10	1	0	0	0	0	0	0	11
3	0	0	0	0	0	0	0	3
1	0	0	0	0	0	0	0	1
1	0	0	0	0	0	0	0	1
1	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	6
38	2	0	0	0	0	0	0	40

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELY

SITE: 1

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)



DATE: 18/11/2021

DAY: THURSDAY

TIME	B TO C							
	FROM BROADWAY (SE) TO ASSEMBLY WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	2	2	0	0	0	0	0	4
07:15	4	1	0	0	0	0	0	5
07:30	4	0	0	0	0	0	0	4
07:45	4	0	0	0	0	0	0	4
H/TOT	14	3	0	0	0	0	0	17
08:00	4	0	0	0	0	0	0	4
08:15	6	0	0	0	0	0	0	6
08:30	11	0	0	0	0	0	0	11
08:45	5	1	0	0	0	0	0	6
H/TOT	26	1	0	0	0	0	0	27
09:00	6	0	0	0	0	0	0	6
09:15	5	1	0	0	0	0	0	6
09:30	3	0	0	0	0	0	0	3
09:45	5	0	0	0	0	0	0	5
H/TOT	19	1	0	0	0	0	0	20
P/TOT	59	5	0	0	0	0	0	64

	B TO D							
	FROM BROADWAY (SE) TO BROADWAY (NW)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
92	31	5	2	0	0	0	1	131
100	34	2	0	0	0	0	0	136
111	21	2	0	0	0	0	1	135
113	24	3	0	1	1	0	0	142
416	110	12	2	1	1	2	2	544
120	21	5	1	1	2	0	0	150
122	24	7	1	2	0	0	0	156
99	20	8	2	1	0	1	1	131
87	15	6	1	1	0	1	1	111
428	80	26	5	5	2	2	2	548
91	21	4	0	3	0	1	1	120
74	18	9	1	1	0	0	0	103
62	21	6	1	0	0	0	0	90
62	18	2	1	1	0	0	0	84
289	78	21	3	5	0	1	1	397
1133	268	59	10	11	3	5	5	1489

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 1

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)



DATE: 18/11/2021

DAY: THURSDAY

TIME	B TO C							
	FROM BROADWAY (SE) TO ASSEMBLY WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	4	0	0	0	0	0	0	4
14:15	3	1	0	0	0	0	0	4
14:30	3	0	0	0	0	0	0	3
14:45	3	1	0	0	0	0	0	4
H/TOT	13	2	0	0	0	0	0	15
15:00	4	2	1	0	0	0	0	7
15:15	11	0	0	0	0	0	0	11
15:30	6	2	1	0	0	0	0	9
15:45	11	1	0	0	0	0	0	12
H/TOT	32	5	2	0	0	0	0	39
16:00	7	1	0	0	0	0	0	8
16:15	9	0	0	0	0	0	0	9
16:30	9	2	0	0	0	0	0	11
16:45	9	2	0	0	0	0	0	11
H/TOT	34	5	0	0	0	0	0	39
17:00	11	2	0	0	0	0	0	13
17:15	11	0	0	0	0	0	0	11
17:30	10	2	0	0	0	0	0	12
17:45	7	0	0	0	0	0	0	7
H/TOT	39	4	0	0	0	0	0	43
18:00	7	0	0	0	0	0	0	7
18:15	8	0	0	0	0	0	0	8
18:30	9	2	0	0	0	0	0	11
18:45	4	0	0	0	0	0	0	4
H/TOT	28	2	0	0	0	0	0	30
P/TOT	146	18	2	0	0	0	0	166

	B TO D							
	FROM BROADWAY (SE) TO BROADWAY (NW)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
98	19	2	1	0	0	0	0	120
75	14	5	0	1	1	0	0	96
75	11	2	1	2	0	0	0	91
108	15	4	0	1	1	0	0	129
356	59	13	2	4	2	0	0	436
132	14	4	2	1	1	0	0	154
105	15	5	3	3	1	1	0	133
114	23	8	1	2	0	0	0	148
115	18	5	2	1	1	0	0	142
466	70	22	8	7	3	1	0	577
85	21	2	1	0	0	0	0	109
108	8	10	1	1	0	0	0	128
92	14	5	1	1	1	0	0	114
105	10	3	0	0	1	0	0	119
390	53	20	3	2	2	0	0	470
113	10	0	0	0	0	0	0	123
96	11	0	1	1	0	0	0	109
79	11	2	0	1	0	0	0	93
77	8	1	0	0	0	0	0	86
365	40	3	1	2	0	0	0	411
87	6	1	1	1	1	0	0	97
58	11	1	0	0	0	0	0	70
59	4	2	0	0	0	0	0	65
41	2	0	0	1	0	0	0	44
245	23	4	1	2	1	0	0	276
1822	245	62	15	17	8	1	0	2170

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 1

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)



DATE: 18/11/2021

DAY: THURSDAY

TIME	C TO A							
	FROM ASSEMBLY WAY TO KERESFORTH CL							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0
P/TOT	0	0	0	0	0	0	0	0

	C TO B							
	FROM ASSEMBLY WAY TO BROADWAY (SE)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
3	0	0	0	0	0	0	0	3
9	2	0	0	0	0	0	0	11
9	0	0	0	0	0	0	0	9
11	1	0	0	0	0	0	0	12
32	3	0	0	0	0	0	0	35
11	1	0	0	0	0	0	0	12
6	2	1	0	0	0	0	0	9
12	0	0	0	0	0	0	0	12
10	0	0	0	0	0	0	0	10
39	3	1	0	0	0	0	0	43
4	1	0	0	0	0	0	0	5
8	2	0	0	0	0	0	0	10
3	0	0	0	0	0	0	0	3
5	0	0	0	0	0	0	0	5
20	3	0	0	0	0	0	0	23
91	9	1	0	0	0	0	0	101

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 1

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)



DATE: 18/11/2021

DAY: THURSDAY

TIME	C TO A								C TO B							
	FROM ASSEMBLY WAY TO KERESFORTH CL								FROM ASSEMBLY WAY TO BROADWAY (SE)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
14:15	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
14:30	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	7
14:45	0	0	0	0	0	0	0	0	10	1	0	0	0	0	0	11
H/TOT	0	0	0	0	0	0	0	0	23	2	0	0	0	0	0	25
15:00	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8
15:15	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
15:30	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
15:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	19
16:00	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	7
16:15	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	11
16:30	0	0	0	0	0	0	0	0	7	1	0	0	0	0	0	8
16:45	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
H/TOT	0	0	0	0	0	0	0	0	29	2	0	0	0	0	0	31
17:00	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	6
17:15	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	5
17:30	0	0	0	0	0	0	0	0	7	1	0	0	0	0	0	8
17:45	0	0	0	0	0	0	0	0	7	1	0	0	0	0	0	8
H/TOT	0	0	0	0	0	0	0	0	23	4	0	0	0	0	0	27
18:00	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	6
18:15	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	7
18:30	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	5
18:45	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	7
H/TOT	0	0	0	0	0	0	0	0	23	2	0	0	0	0	0	25
P/TOT	0	0	0	0	0	0	0	0	117	10	0	0	0	0	0	127

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 1

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)



DATE: 18/11/2021

DAY: THURSDAY

TIME	C TO D							
	FROM ASSEMBLY WAY TO BROADWAY (NW)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	5	2	0	0	0	0	0	7
07:15	7	4	0	0	0	0	0	11
07:30	10	2	0	0	0	0	0	12
07:45	11	0	0	0	0	0	0	11
H/TOT	33	8	0	0	0	0	0	41
08:00	11	0	0	0	0	0	0	11
08:15	11	1	0	0	0	0	0	12
08:30	7	0	0	0	0	0	0	7
08:45	2	0	0	0	0	0	0	2
H/TOT	31	1	0	0	0	0	0	32
09:00	1	1	0	0	0	0	0	2
09:15	7	1	0	0	0	0	0	8
09:30	3	0	0	0	0	0	0	3
09:45	3	0	0	0	0	0	0	3
H/TOT	14	2	0	0	0	0	0	16
P/TOT	78	11	0	0	0	0	0	89

	D TO A							
	FROM BROADWAY (NW) TO KERESFORTH CL							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	2	0	0	0	0	0	0	2
07:15	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0
07:45	3	0	0	0	0	0	0	3
H/TOT	5	0	0	0	0	0	0	5
08:00	0	0	0	0	0	0	0	0
08:15	0	0	1	0	0	0	0	1
08:30	0	0	0	0	0	0	0	0
08:45	1	0	0	0	0	0	0	1
H/TOT	1	0	1	0	0	0	0	2
09:00	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0
09:30	0	0	1	0	0	0	0	1
09:45	0	0	0	0	0	0	0	0
H/TOT	0	0	1	0	0	0	0	1
P/TOT	6	0	2	0	0	0	0	8

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 1

DATE: 18/11/2021

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)

DAY: THURSDAY

TIME	C TO D							
	FROM ASSEMBLY WAY TO BROADWAY (NW)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	4	0	0	0	0	0	0	4
14:15	1	0	0	0	0	0	0	1
14:30	5	1	0	0	0	0	0	6
14:45	1	0	0	0	0	0	0	1
H/TOT	11	1	0	0	0	0	0	12
15:00	2	2	1	0	0	0	0	5
15:15	5	0	0	0	0	0	0	5
15:30	3	0	0	0	0	0	0	3
15:45	4	0	0	0	0	0	0	4
H/TOT	14	2	1	0	0	0	0	17
16:00	1	2	0	0	0	0	0	3
16:15	0	1	0	0	0	0	0	1
16:30	2	1	0	0	0	0	0	3
16:45	6	1	1	0	0	0	0	8
H/TOT	9	5	1	0	0	0	0	15
17:00	1	0	0	0	0	0	0	1
17:15	1	2	0	0	0	0	0	3
17:30	3	0	0	0	0	0	0	3
17:45	3	0	0	0	0	0	0	3
H/TOT	8	2	0	0	0	0	0	10
18:00	3	0	0	0	0	0	0	3
18:15	3	2	0	0	0	0	0	5
18:30	4	1	0	0	0	0	0	5
18:45	1	0	0	0	0	0	0	1
H/TOT	11	3	0	0	0	0	0	14
P/TOT	53	13	2	0	0	0	0	68

	D TO A							
	FROM BROADWAY (NW) TO KERESFORTH CL							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	1	0	1
14:30	3	0	0	0	0	0	0	3
14:45	1	0	0	0	0	0	0	1
H/TOT	4	0	0	0	0	1	0	5
15:00	3	0	0	0	0	0	0	3
15:15	1	0	0	0	0	0	0	1
15:30	0	0	0	0	0	0	0	0
15:45	0	1	0	0	0	0	0	1
H/TOT	4	1	0	0	0	0	0	5
16:00	1	0	0	0	0	0	0	1
16:15	1	0	0	0	0	0	0	1
16:30	1	0	0	0	0	0	0	1
16:45	0	0	0	0	0	0	0	0
H/TOT	3	0	0	0	0	0	0	3
17:00	1	0	0	0	0	0	0	1
17:15	1	1	0	0	0	0	0	2
17:30	1	1	0	0	0	0	0	2
17:45	0	0	0	0	0	0	0	0
H/TOT	3	2	0	0	0	0	0	5
18:00	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0
P/TOT	14	3	0	0	0	1	0	18

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 1

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)



DATE: 18/11/2021

DAY: THURSDAY

TIME	D TO B							
	FROM BROADWAY (NW) TO BROADWAY (SE)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	23	8	1	0	0	0	0	32
07:15	35	5	1	0	1	0	0	42
07:30	35	10	3	1	0	0	0	49
07:45	74	16	5	2	2	0	0	99
H/TOT	167	39	10	3	3	0	0	222
08:00	67	9	2	2	0	0	0	80
08:15	120	8	3	0	0	0	1	132
08:30	95	16	4	1	1	0	0	117
08:45	88	16	7	0	1	0	0	112
H/TOT	370	49	16	3	2	0	1	441
09:00	76	11	2	0	1	0	0	90
09:15	62	12	4	2	0	0	0	80
09:30	53	13	0	1	1	1	0	69
09:45	51	12	5	1	0	0	0	69
H/TOT	242	48	11	4	2	1	0	308
P/TOT	779	136	37	10	7	1	1	971

	D TO C							
	FROM BROADWAY (NW) TO ASSEMBLY WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	1	0	0	0	0	0	1
07:15	2	0	0	0	0	0	0	2
07:30	2	0	0	0	0	0	0	2
07:45	0	0	0	0	0	0	0	0
H/TOT	4	1	0	0	0	0	0	5
08:00	3	1	0	0	0	0	0	4
08:15	3	0	0	0	0	0	0	3
08:30	1	0	0	0	0	0	0	1
08:45	1	0	0	0	0	0	0	1
H/TOT	8	1	0	0	0	0	0	9
09:00	2	2	0	0	0	0	0	4
09:15	1	0	0	0	0	0	0	1
09:30	3	0	0	0	0	0	0	3
09:45	1	0	0	0	0	0	0	1
H/TOT	7	2	0	0	0	0	0	9
P/TOT	19	4	0	0	0	0	0	23

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 1

DATE: 18/11/2021

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)

DAY: THURSDAY

TIME	D TO B							
	FROM BROADWAY (NW) TO BROADWAY (SE)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	73	6	1	1	2	0	0	83
14:15	88	14	3	1	0	1	0	107
14:30	87	11	0	1	1	0	0	100
14:45	95	8	3	2	2	0	0	110
H/TOT	343	39	7	5	5	1	0	400
15:00	84	18	2	1	3	0	0	108
15:15	106	14	3	0	1	0	0	124
15:30	104	10	1	0	1	0	0	116
15:45	92	14	3	1	2	0	0	112
H/TOT	386	56	9	2	7	0	0	460
16:00	95	17	4	0	0	0	0	116
16:15	84	17	1	0	1	0	0	103
16:30	91	24	1	0	0	1	0	117
16:45	85	13	4	0	1	0	0	103
H/TOT	355	71	10	0	2	1	0	439
17:00	82	17	2	1	0	0	0	102
17:15	93	12	3	0	0	1	0	109
17:30	81	15	1	0	1	0	1	99
17:45	71	9	2	0	0	1	0	83
H/TOT	327	53	8	1	1	2	1	393
18:00	75	10	1	0	1	0	0	87
18:15	75	10	1	0	1	0	0	87
18:30	46	6	0	0	0	0	0	52
18:45	61	6	0	0	0	0	0	67
H/TOT	257	32	2	0	2	0	0	293
P/TOT	1668	251	36	8	17	4	1	1985

	D TO C							
	FROM BROADWAY (NW) TO ASSEMBLY WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	2
8	1	0	0	0	0	0	0	9
4	1	0	0	0	0	0	0	5
14	2	0	0	0	0	0	0	16
3	0	0	0	0	0	0	0	3
3	1	0	0	0	0	0	0	4
8	0	0	0	0	0	0	0	8
4	1	0	0	0	0	0	0	5
18	2	0	0	0	0	0	0	20
3	5	0	0	0	0	0	0	8
0	1	1	0	0	0	0	0	2
4	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	5
12	6	1	0	0	0	0	0	19
4	2	0	0	0	0	0	0	6
4	2	0	0	0	0	0	0	6
8	1	0	0	0	0	0	0	9
4	2	0	0	0	0	0	0	6
20	7	0	0	0	0	0	0	27
7	1	0	0	0	0	0	0	8
3	1	0	0	0	0	0	0	4
7	1	0	0	0	0	0	0	8
6	0	0	0	0	0	0	0	6
23	3	0	0	0	0	0	0	26
87	20	1	0	0	0	0	0	108

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 1

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM A KERESFORTH CL							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	3	0	0	0	0	0	0	3
07:15	0	0	0	0	0	0	0	0
07:30	4	1	0	0	0	0	0	5
07:45	9	0	0	0	0	0	0	9
H/TOT	16	1	0	0	0	0	0	17
08:00	0	0	0	0	0	0	0	0
08:15	0	0	1	0	0	0	0	1
08:30	1	0	0	0	0	0	0	1
08:45	1	0	0	0	0	0	0	1
H/TOT	2	0	1	0	0	0	0	3
09:00	2	0	0	0	0	0	0	2
09:15	1	1	0	0	0	0	0	2
09:30	0	2	1	0	0	0	0	3
09:45	0	0	0	0	0	0	0	0
H/TOT	3	3	1	0	0	0	0	7
P/TOT	21	4	2	0	0	0	0	27

FROM ARM A KERESFORTH CL							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
4	2	0	0	0	0	0	6
9	0	0	0	0	0	0	9
14	2	0	0	0	0	0	16
3	1	0	0	0	0	0	4
2	1	1	0	0	0	0	4
1	1	0	0	0	0	0	2
1	0	0	0	0	0	0	1
7	3	1	0	0	0	0	11
2	0	0	0	0	0	0	2
2	1	0	0	0	0	0	3
0	2	0	0	0	0	0	2
2	0	0	0	0	0	0	2
6	3	0	0	0	0	0	9
27	8	1	0	0	0	0	36

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 1

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM A KERESFORTH CL							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	2	0	0	0	0	0	0	2
14:15	0	0	0	0	0	1	0	1
14:30	4	1	0	0	0	0	0	5
14:45	6	0	0	0	0	0	0	6
H/TOT	12	1	0	0	0	1	0	14
15:00	6	0	0	0	0	0	0	6
15:15	3	0	0	0	0	0	0	3
15:30	2	0	0	0	0	0	0	2
15:45	2	1	0	0	0	0	0	3
H/TOT	13	1	0	0	0	0	0	14
16:00	2	0	0	0	0	0	0	2
16:15	3	0	0	0	0	0	0	3
16:30	2	0	0	0	0	0	0	2
16:45	1	0	0	0	0	0	0	1
H/TOT	8	0	0	0	0	0	0	8
17:00	1	0	0	0	0	0	0	1
17:15	3	2	0	0	0	0	0	5
17:30	7	1	0	0	0	0	0	8
17:45	2	0	0	0	0	0	0	2
H/TOT	13	3	0	0	0	0	0	16
18:00	3	0	0	0	0	0	0	3
18:15	1	0	0	0	0	0	0	1
18:30	1	0	0	0	0	0	0	1
18:45	1	0	0	0	0	0	0	1
H/TOT	6	0	0	0	0	0	0	6
P/TOT	52	5	0	0	0	1	0	58

	FROM ARM A KERESFORTH CL							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
	0	1	0	0	0	0	0	1
	2	0	0	0	0	0	0	2
	2	0	0	0	0	0	0	2
	4	0	0	0	0	0	0	4
	8	1	0	0	0	0	0	9
	7	0	0	0	0	0	0	7
	1	1	0	0	0	0	0	2
	3	0	0	0	0	0	0	3
	0	0	0	0	0	0	0	0
	11	1	0	0	0	0	0	12
	1	0	0	0	0	0	0	1
	3	0	0	0	0	0	0	3
	4	0	0	0	0	0	0	4
	1	0	0	0	0	0	0	1
	9	0	0	0	0	0	0	9
	1	0	0	0	0	0	0	1
	1	0	0	0	0	0	0	1
	3	1	0	0	0	0	0	4
	2	0	0	0	0	0	0	2
	7	1	0	0	0	0	0	8
	2	1	0	0	0	0	0	3
	2	0	0	0	0	0	0	2
	1	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0
	5	1	0	0	0	0	0	6
	40	4	0	0	0	0	0	44

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 1

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM B BROADWAY (SE)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	26	8	1	0	0	0	0	35
07:15	45	7	1	0	1	0	0	54
07:30	47	12	3	1	0	0	0	63
07:45	90	17	5	2	2	0	0	116
H/TOT	208	44	10	3	3	0	0	268
08:00	80	11	2	2	0	0	0	95
08:15	126	10	5	0	0	0	1	142
08:30	107	16	4	1	1	0	0	129
08:45	99	16	7	0	1	0	0	123
H/TOT	412	53	18	3	2	0	1	489
09:00	82	12	2	0	1	0	0	97
09:15	72	15	4	2	0	0	0	93
09:30	56	14	0	1	1	1	0	73
09:45	57	12	5	1	0	0	0	75
H/TOT	267	53	11	4	2	1	0	338
P/TOT	887	150	39	10	7	1	1	1095

FROM ARM B BROADWAY (SE)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
95	33	5	2	0	0	1	136
104	35	2	0	0	0	0	141
119	22	2	0	0	0	1	144
123	24	3	0	1	1	0	152
441	114	12	2	1	1	2	573
124	21	5	1	1	2	0	154
128	24	7	1	2	0	0	162
111	20	8	2	1	0	1	143
92	16	6	1	1	0	1	117
455	81	26	5	5	2	2	576
99	21	4	0	3	0	1	128
80	20	9	1	1	0	0	111
65	23	6	1	0	0	0	95
67	18	2	1	1	0	0	89
311	82	21	3	5	0	1	423
1207	277	59	10	11	3	5	1572

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 1

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)

DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM B BROADWAY (SE)								FROM ARM B BROADWAY (SE)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	75	8	1	1	2	0	0	87	104	19	2	1	0	0	0	126
14:15	94	14	3	1	0	1	0	113	78	15	5	0	1	1	0	100
14:30	95	11	0	1	1	0	0	108	79	12	2	1	2	0	0	96
14:45	107	9	3	2	2	0	0	123	116	16	4	0	1	1	0	138
H/TOT	371	42	7	5	5	1	0	431	377	62	13	2	4	2	0	460
15:00	99	18	2	1	3	0	0	123	139	16	5	2	1	1	0	164
15:15	111	14	3	0	1	0	0	129	118	15	5	3	3	1	1	146
15:30	111	10	1	0	1	0	0	123	122	25	9	1	2	0	0	159
15:45	93	14	3	1	2	0	0	113	128	19	5	2	1	1	0	156
H/TOT	414	56	9	2	7	0	0	488	507	75	24	8	7	3	1	625
16:00	102	18	4	0	0	0	0	124	93	22	2	1	0	0	0	118
16:15	96	17	1	0	1	0	0	115	119	8	10	1	1	0	0	139
16:30	101	25	1	0	0	1	0	128	102	16	5	1	1	1	0	126
16:45	91	13	4	0	1	0	0	109	115	12	3	0	0	1	0	131
H/TOT	390	73	10	0	2	1	0	476	429	58	20	3	2	2	0	514
17:00	88	18	2	1	0	0	0	109	124	12	0	0	0	0	0	136
17:15	97	13	3	0	0	1	0	114	109	12	0	1	1	0	0	123
17:30	90	17	1	0	1	0	1	110	95	13	2	0	1	0	0	111
17:45	79	10	2	0	0	1	0	92	86	8	1	0	0	0	0	95
H/TOT	354	58	8	1	1	2	1	425	414	45	3	1	2	0	0	465
18:00	81	11	1	0	1	0	0	94	97	6	1	1	1	1	0	107
18:15	83	10	1	0	1	0	0	95	67	11	1	0	0	0	0	79
18:30	51	7	0	0	0	0	0	58	69	6	2	0	0	0	0	77
18:45	68	6	0	0	0	0	0	74	46	2	0	0	1	0	0	49
H/TOT	283	34	2	0	2	0	0	321	279	25	4	1	2	1	0	312
P/TOT	1812	263	36	8	17	4	1	2141	2006	265	64	15	17	8	1	2376

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 1

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM C ASSEMBLY WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	2	3	0	0	0	0	0	5
07:15	6	1	0	0	0	0	0	7
07:30	6	0	0	0	0	0	0	6
07:45	4	0	0	0	0	0	0	4
H/TOT	18	4	0	0	0	0	0	22
08:00	7	1	0	0	0	0	0	8
08:15	9	0	0	0	0	0	0	9
08:30	12	0	0	0	0	0	0	12
08:45	6	1	0	0	0	0	0	7
H/TOT	34	2	0	0	0	0	0	36
09:00	8	2	0	0	0	0	0	10
09:15	6	1	0	0	0	0	0	7
09:30	6	0	0	0	0	0	0	6
09:45	6	0	0	0	0	0	0	6
H/TOT	26	3	0	0	0	0	0	29
P/TOT	78	9	0	0	0	0	0	87

FROM ARM C ASSEMBLY WAY							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
8	2	0	0	0	0	0	10
16	6	0	0	0	0	0	22
19	2	0	0	0	0	0	21
22	1	0	0	0	0	0	23
65	11	0	0	0	0	0	76
22	1	0	0	0	0	0	23
17	3	1	0	0	0	0	21
19	0	0	0	0	0	0	19
12	0	0	0	0	0	0	12
70	4	1	0	0	0	0	75
5	2	0	0	0	0	0	7
15	3	0	0	0	0	0	18
6	0	0	0	0	0	0	6
8	0	0	0	0	0	0	8
34	5	0	0	0	0	0	39
169	20	1	0	0	0	0	190

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 1

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM C ASSEMBLY WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	4	0	0	0	0	0	0	4
14:15	5	1	0	0	0	0	0	6
14:30	11	1	0	0	0	0	0	12
14:45	8	2	0	0	0	0	0	10
H/TOT	28	4	0	0	0	0	0	32
15:00	7	2	1	0	0	0	0	10
15:15	14	1	0	0	0	0	0	15
15:30	14	2	1	0	0	0	0	17
15:45	15	2	0	0	0	0	0	17
H/TOT	50	7	2	0	0	0	0	59
16:00	10	6	0	0	0	0	0	16
16:15	9	1	1	0	0	0	0	11
16:30	13	2	0	0	0	0	0	15
16:45	14	2	0	0	0	0	0	16
H/TOT	46	11	1	0	0	0	0	58
17:00	15	4	0	0	0	0	0	19
17:15	15	2	0	0	0	0	0	17
17:30	18	3	0	0	0	0	0	21
17:45	11	2	0	0	0	0	0	13
H/TOT	59	11	0	0	0	0	0	70
18:00	14	1	0	0	0	0	0	15
18:15	11	1	0	0	0	0	0	12
18:30	16	3	0	0	0	0	0	19
18:45	10	0	0	0	0	0	0	10
H/TOT	51	5	0	0	0	0	0	56
P/TOT	234	38	3	0	0	0	0	275

	FROM ARM C ASSEMBLY WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
6	1	0	0	0	0	0	0	7
5	0	0	0	0	0	0	0	5
12	1	0	0	0	0	0	0	13
11	1	0	0	0	0	0	0	12
34	3	0	0	0	0	0	0	37
10	2	1	0	0	0	0	0	13
10	0	0	0	0	0	0	0	10
8	0	0	0	0	0	0	0	8
5	0	0	0	0	0	0	0	5
33	2	1	0	0	0	0	0	36
7	3	0	0	0	0	0	0	10
11	1	0	0	0	0	0	0	12
9	2	0	0	0	0	0	0	11
11	1	1	0	0	0	0	0	13
38	7	1	0	0	0	0	0	46
6	1	0	0	0	0	0	0	7
5	3	0	0	0	0	0	0	8
10	1	0	0	0	0	0	0	11
10	1	0	0	0	0	0	0	11
31	6	0	0	0	0	0	0	37
8	1	0	0	0	0	0	0	9
10	2	0	0	0	0	0	0	12
8	2	0	0	0	0	0	0	10
8	0	0	0	0	0	0	0	8
34	5	0	0	0	0	0	0	39
170	23	2	0	0	0	0	0	195

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 1

DATE: 18/11/2021

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)

DAY: THURSDAY

TIME	TO ARM D BROADWAY (NW)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	97	33	5	2	0	0	1	138
07:15	107	38	2	0	0	0	0	147
07:30	122	23	2	0	0	0	1	148
07:45	128	24	3	0	1	1	0	157
H/TOT	454	118	12	2	1	1	2	590
08:00	132	21	5	1	1	2	0	162
08:15	135	26	7	1	2	0	0	171
08:30	107	21	8	2	1	0	1	140
08:45	89	15	6	1	1	0	1	113
H/TOT	463	83	26	5	5	2	2	586
09:00	92	22	4	0	3	0	1	122
09:15	81	19	9	1	1	0	0	111
09:30	65	22	6	1	0	0	0	94
09:45	66	18	2	1	1	0	0	88
H/TOT	304	81	21	3	5	0	1	415
P/TOT	1221	282	59	10	11	3	5	1591

FROM ARM D BROADWAY (NW)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
25	9	1	0	0	0	0	35
37	5	1	0	1	0	0	44
37	10	3	1	0	0	0	51
77	16	5	2	2	0	0	102
176	40	10	3	3	0	0	232
70	10	2	2	0	0	0	84
123	8	4	0	0	0	1	136
96	16	4	1	1	0	0	118
90	16	7	0	1	0	0	114
379	50	17	3	2	0	1	452
78	13	2	0	1	0	0	94
63	12	4	2	0	0	0	81
56	13	1	1	1	1	0	73
52	12	5	1	0	0	0	70
249	50	12	4	2	1	0	318
804	140	39	10	7	1	1	1002

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 1

LOCATION: KERESFORTH CL / BROADWAY (SE) / ASSEMBLY WAY / BROADWAY (NW)

DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM D BROADWAY (NW)								FROM ARM D BROADWAY (NW)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	102	19	2	1	0	0	0	124	73	6	1	1	2	0	0	83
14:15	76	14	5	0	1	1	0	97	90	14	3	1	0	2	0	110
14:30	81	12	2	1	2	0	0	98	98	12	0	1	1	0	0	112
14:45	110	15	4	0	1	1	0	131	100	9	3	2	2	0	0	116
H/TOT	369	60	13	2	4	2	0	450	361	41	7	5	5	2	0	421
15:00	134	16	5	2	1	1	0	159	90	18	2	1	3	0	0	114
15:15	111	16	5	3	3	1	1	140	110	15	3	0	1	0	0	129
15:30	118	23	8	1	2	0	0	152	112	10	1	0	1	0	0	124
15:45	119	18	5	2	1	1	0	146	96	16	3	1	2	0	0	118
H/TOT	482	73	23	8	7	3	1	597	408	59	9	2	7	0	0	485
16:00	86	23	2	1	0	0	0	112	99	22	4	0	0	0	0	125
16:15	110	9	10	1	1	0	0	131	85	18	2	0	1	0	0	106
16:30	95	15	5	1	1	1	0	118	96	24	1	0	0	1	0	122
16:45	111	11	4	0	0	1	0	127	90	13	4	0	1	0	0	108
H/TOT	402	58	21	3	2	2	0	488	370	77	11	0	2	1	0	461
17:00	114	10	0	0	0	0	0	124	87	19	2	1	0	0	0	109
17:15	98	13	0	1	1	0	0	113	98	15	3	0	0	1	0	117
17:30	83	11	2	0	1	0	0	97	90	17	1	0	1	0	1	110
17:45	81	8	1	0	0	0	0	90	75	11	2	0	0	1	0	89
H/TOT	376	42	3	1	2	0	0	424	350	62	8	1	1	2	1	425
18:00	91	7	1	1	1	1	0	102	82	11	1	0	1	0	0	95
18:15	62	13	1	0	0	0	0	76	78	11	1	0	1	0	0	91
18:30	63	5	2	0	0	0	0	70	53	7	0	0	0	0	0	60
18:45	42	2	0	0	1	0	0	45	67	6	0	0	0	0	0	73
H/TOT	258	27	4	1	2	1	0	293	280	35	2	0	2	0	0	319
P/TOT	1887	260	64	15	17	8	1	2252	1769	274	37	8	17	5	1	2111

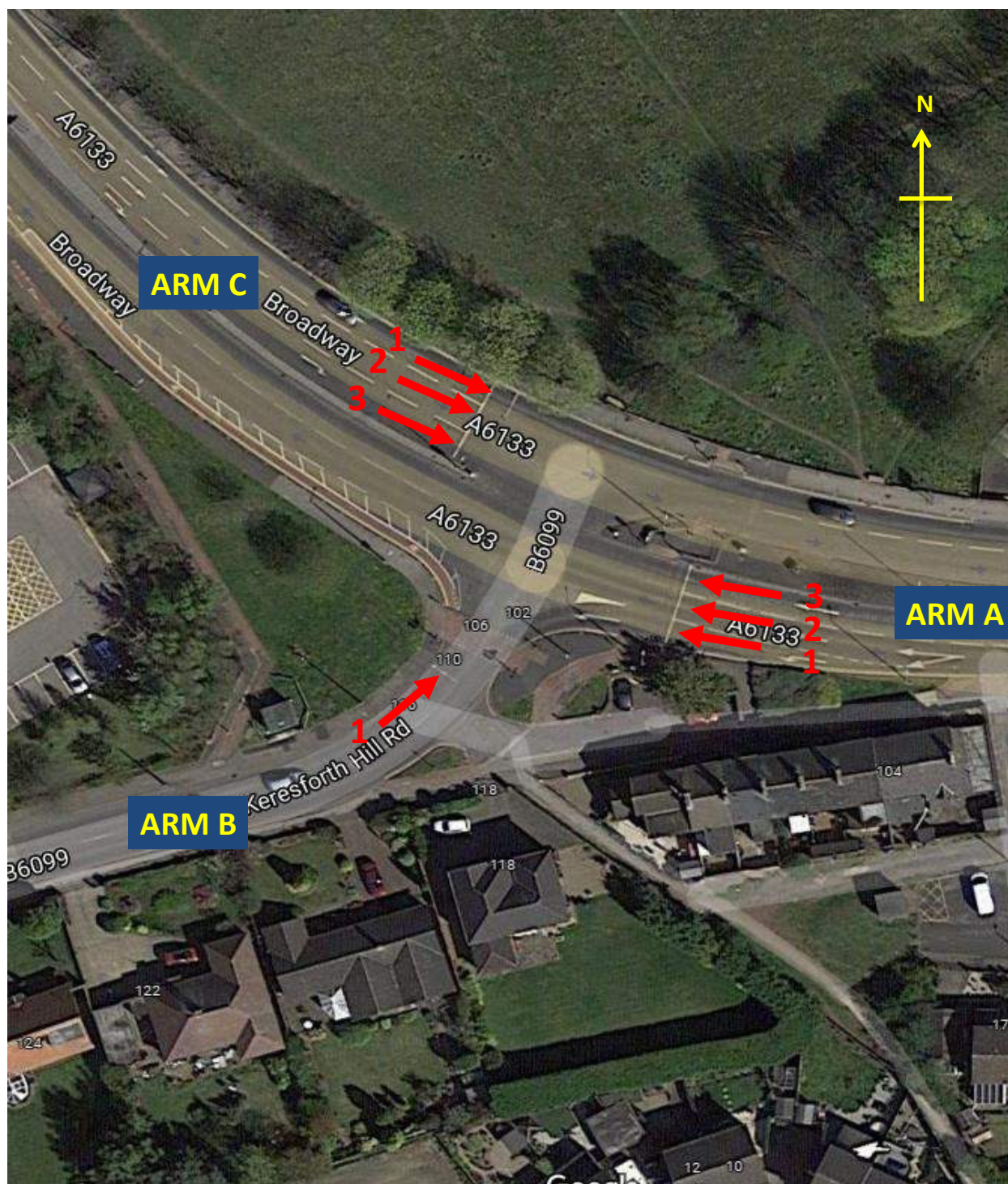
SITE: 2



DATE: 18TH NOVEMBER 2021

LOCATION: BROADWAY /
KERESFORTH HILL RD

DAY: THURSDAY



JOB TITLE: BARNSLEY

JOB NUMBER: 10917

QUEUE LENGTHS

JOB REF: 10917



JOB NAME: BARNSELY

SITE: 2

DATE: 18/11/2021

LOCATION: KERESFORTH HILL RD (E) / KERESFORTH HILL RD (S) / BROADWAY

DAY: THURSDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A			ARM B		ARM C			TIME	ARM A			ARM B		ARM C		
	KERESFORTH HILL RD (E)			KERESFORTH HILL RD (S)		BROADWAY				KERESFORTH HILL RD (E)			KERESFORTH HILL RD (S)		BROADWAY		
	LANE 1	LANE 2	LANE 3	LANE 1		LANE 1	LANE 2	LANE 3		LANE 1	LANE 2	LANE 3	LANE 1		LANE 1	LANE 2	LANE 3
07:00	1	2	0	2		1	0	0	14:00	3	3	3	6		2	1	0
07:05	0	2	2	1		1	0	0	14:05	1	8	3	4		3	3	0
07:10	0	3	0	1		2	0	0	14:10	1	4	3	2		3	3	0
07:15	4	1	2	2		1	0	0	14:15	1	3	0	4		9	0	0
07:20	0	0	0	1		2	1	0	14:20	5	0	0	10		1	1	1
07:25	2	3	0	2		0	0	0	14:25	1	0	0	1		0	0	0
07:30	3	2	1	4		1	2	1	14:30	0	2	0	5		3	0	0
07:35	0	1	0	3		0	0	0	14:35	2	0	0	4		1	2	1
07:40	5	9	1	1		0	1	0	14:40	1	9	6	6		6	3	2
07:45	2	3	1	5		1	0	1	14:45	1	4	0	5		7	2	3
07:50	2	9	3	11		9	1	1	14:50	1	1	0	9		4	1	1
07:55	0	1	3	15		5	0	0	14:55	1	5	0	3		2	0	0
08:00	2	0	0	2		8	0	0	15:00	3	1	1	3		3	1	0
08:05	0	3	1	12		3	0	0	15:05	1	1	0	6		4	0	0
08:10	2	8	4	15		0	0	1	15:10	3	5	2	6		1	0	0
08:15	0	15	5	3		0	2	1	15:15	2	7	2	7		8	5	0
08:20	2	10	5	12		0	0	4	15:20	10	0	6	4		6	4	1
08:25	3	0	0	17+		2	1	3	15:25	0	7	4	10		3	0	2
08:30	4	3	1	15		1	0	1	15:30	3	7	2	14		7	3	4
08:35	4	7	3	5		1	0	0	15:35	4	0	0	17+		1	0	2
08:40	1	8	4	17+		2	0	0	15:40	5	5	1	17+		8	1	3
08:45	1	1	0	17+		15	4	1	15:45	19	3	5	17+		0	0	0
08:50	7	2	0	14		13	4	1	15:50	1	12	6	17+		1	5	0
08:55	5	2	1	15		2	2	0	15:55	7	4	0	17+		2	3	3
09:00	3	2	3	6		2	1	0	16:00	5	0	0	17+		4	3	0

QUEUE LENGTHS

JOB REF: 10917



JOB NAME: BARNSELEY

SITE: 2

DATE: 18/11/2021

LOCATION: KERESFORTH HILL RD (E) / KERESFORTH HILL RD (S) / BROADWAY

DAY: THURSDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A KERESFORTH HILL RD (E)			ARM B KERESFORTH HILL RD (S)		ARM C BROADWAY		
	LANE 1	LANE 2	LANE 3	LANE 1		LANE 1	LANE 2	LANE 3
09:05	3	2	2	17+		3	0	2
09:10	0	13	6	17+		5	0	1
09:15	0	2	0	3		0	0	1
09:20	3	4	2	10		4	2	1
09:25	4	0	0	2		3	1	3
09:30	0	3	1	3		2	2	2
09:35	0	3	0	5		1	0	0
09:40	1	2	0	2		0	0	0
09:45	2	0	0	4		8	0	0
09:50	0	4	1	2		0	0	0
09:55	2	0	0	3		4	1	0

TIME	ARM A KERESFORTH HILL RD (E)			ARM B KERESFORTH HILL RD (S)		ARM C BROADWAY		
	LANE 1	LANE 2	LANE 3	LANE 1		LANE 1	LANE 2	LANE 3
16:05	2	3	0	2		4	2	0
16:10	0	1	0	5		0	1	0
16:15	9	5	3	7		0	0	0
16:20	3	5	0	7		0	1	0
16:25	4	0	0	0		0	0	0
16:30	5	0	0	4		5	2	0
16:35	6	1	0	5		4	0	0
16:40	2	1	0	8		1	0	0
16:45	0	2	0	3		0	1	0
16:50	3	2	0	17+		1	0	1
16:55	2	12	1	17+		0	0	0
17:00	2	10	3	17		10	3	1

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 2

LOCATION: KERESFORTH HILL RD (E) / KERESFORTH HILL RD (S) / BROADWAY



DATE: 18/11/2021

DAY: THURSDAY

TIME	A TO B							
	FROM KERESFORTH HILL RD (E) TO KERESFORTH HILL RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	30	3	2	0	0	0	0	35
07:15	51	13	0	0	0	0	0	64
07:30	59	10	1	0	0	0	0	70
07:45	58	20	2	0	0	0	0	80
H/TOT	198	46	5	0	0	0	0	249
08:00	61	11	1	0	0	0	0	73
08:15	82	11	3	0	1	0	0	97
08:30	63	14	1	1	0	0	0	79
08:45	64	20	5	0	6	0	0	95
H/TOT	270	56	10	1	7	0	0	344
09:00	62	13	2	0	1	0	0	78
09:15	42	1	1	0	0	0	0	44
09:30	43	8	0	1	0	0	0	52
09:45	42	5	3	0	0	1	0	51
H/TOT	189	27	6	1	1	1	0	225
P/TOT	657	129	21	2	8	1	0	818

	A TO C							
	FROM KERESFORTH HILL RD (E) TO BROADWAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
87	30	5	2	0	0	0	1	125
101	29	2	0	0	0	0	0	132
102	19	1	0	0	0	0	1	123
110	24	2	0	2	1	0	0	139
400	102	10	2	2	1	2		519
102	17	5	1	1	2	0	0	128
114	21	7	1	1	0	0	0	144
101	19	8	1	1	0	1	1	131
81	12	6	0	1	0	1	1	101
398	69	26	3	4	2	2		504
84	24	5	1	3	0	1	1	118
66	17	6	1	0	0	0	0	90
57	19	6	2	0	0	0	0	84
64	17	2	0	1	0	0	0	84
271	77	19	4	4	0	1		376
1069	248	55	9	10	3	5		1399

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELY

SITE: 2

LOCATION: KERESFORTH HILL RD (E) / KERESFORTH HILL RD (S) / BROADWAY



DATE: 18/11/2021

DAY: THURSDAY

TIME	A TO B FROM KERESFORTH HILL RD (E) TO KERESFORTH HILL RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	59	8	1	0	0	1	0	69
14:15	51	8	1	0	0	1	0	61
14:30	52	9	2	0	2	0	0	65
14:45	88	12	2	0	3	1	0	106
H/TOT	250	37	6	0	5	3	0	301
15:00	91	12	1	0	0	0	0	104
15:15	92	9	2	0	4	1	0	108
15:30	75	5	0	0	0	2	0	82
15:45	96	9	9	0	0	0	0	114
H/TOT	354	35	12	0	4	3	0	408
16:00	79	9	1	0	1	1	0	91
16:15	90	6	2	0	0	1	0	99
16:30	93	5	3	0	1	0	0	102
16:45	91	9	2	0	0	0	1	103
H/TOT	353	29	8	0	2	2	1	395
17:00	99	10	0	0	0	0	0	109
17:15	78	4	0	0	0	0	0	82
17:30	84	6	1	0	1	1	0	93
17:45	86	6	1	0	0	0	1	94
H/TOT	347	26	2	0	1	1	1	378
18:00	68	4	0	0	0	0	0	72
18:15	63	2	3	0	0	0	0	68
18:30	46	3	1	0	1	0	0	51
18:45	59	8	0	0	0	0	0	67
H/TOT	236	17	4	0	1	0	0	258
P/TOT	1540	144	32	0	13	9	2	1740

A TO C FROM KERESFORTH HILL RD (E) TO BROADWAY							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
83	10	2	1	0	0	0	96
74	8	5	1	1	1	0	90
61	12	2	1	1	1	0	78
98	11	4	0	1	0	0	114
316	41	13	3	3	2	0	378
114	15	4	0	0	0	0	133
96	15	3	3	3	1	1	122
89	19	8	1	1	0	0	118
105	18	4	2	1	0	0	130
404	67	19	6	5	1	1	503
78	16	0	1	0	0	0	95
104	8	1	1	1	0	1	116
89	12	4	1	1	1	0	108
109	9	3	0	0	1	0	122
380	45	8	3	2	2	1	441
104	7	0	0	0	0	0	111
94	10	0	0	1	0	0	105
87	9	2	0	1	0	0	99
82	4	1	1	0	0	0	88
367	30	3	1	2	0	0	403
78	5	1	0	1	1	0	86
59	10	1	0	0	0	0	70
56	4	2	0	0	0	0	62
45	1	0	0	1	0	0	47
238	20	4	0	2	1	0	265
1705	203	47	13	14	6	2	1990

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELY

SITE: 2

LOCATION: KERESFORTH HILL RD (E) / KERESFORTH HILL RD (S) / BROADWAY



DATE: 18/11/2021

DAY: THURSDAY

TIME	B TO A							
	FROM KERESFORTH HILL RD (S) TO KERESFORTH HILL RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	30	7	0	0	0	2	0	39
07:15	42	10	3	0	0	0	0	55
07:30	86	10	0	0	0	0	0	96
07:45	90	14	0	0	0	0	0	104
H/TOT	248	41	3	0	0	2	0	294
08:00	85	14	0	0	0	2	0	101
08:15	78	15	2	0	1	0	0	96
08:30	112	10	0	0	1	1	0	124
08:45	98	15	7	1	0	0	0	121
H/TOT	373	54	9	1	2	3	0	442
09:00	85	18	0	0	6	0	0	109
09:15	56	5	2	0	0	1	0	64
09:30	57	7	3	0	0	0	0	67
09:45	67	9	5	0	0	0	0	81
H/TOT	265	39	10	0	6	1	0	321
P/TOT	886	134	22	1	8	6	0	1057

	B TO C							
	FROM KERESFORTH HILL RD (S) TO BROADWAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
7	0	0	0	0	0	0	0	7
9	3	0	0	0	0	0	0	12
17	1	1	0	0	0	0	0	19
20	0	1	0	0	0	0	0	21
53	4	2	0	0	0	0	0	59
18	2	0	0	0	0	0	0	20
13	2	0	0	1	0	0	0	16
22	2	1	1	0	0	0	0	26
11	4	1	1	0	0	0	0	17
64	10	2	2	1	0	0	0	79
16	1	0	0	0	1	0	0	18
11	2	1	0	0	0	0	0	14
8	1	0	0	0	0	0	0	9
9	1	0	1	0	0	0	0	11
44	5	1	1	0	1	0	0	52
161	19	5	3	1	1	0	0	190

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELY

SITE: 2

LOCATION: KERESFORTH HILL RD (E) / KERESFORTH HILL RD (S) / BROADWAY



DATE: 18/11/2021

DAY: THURSDAY

TIME	B TO A							
	FROM KERESFORTH HILL RD (S) TO KERESFORTH HILL RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	52	7	2	0	1	1	0	63
14:15	46	8	3	0	0	0	0	57
14:30	60	7	2	0	0	0	1	70
14:45	44	11	0	0	0	1	0	56
H/TOT	202	33	7	0	1	2	1	246
15:00	57	4	0	0	0	0	0	61
15:15	65	5	0	0	0	0	0	70
15:30	82	15	2	0	3	0	0	102
15:45	80	17	1	0	4	1	0	103
H/TOT	284	41	3	0	7	1	0	336
16:00	73	14	2	0	1	0	1	91
16:15	68	15	0	0	0	0	0	83
16:30	66	4	1	0	0	0	0	71
16:45	97	10	0	0	0	0	0	107
H/TOT	304	43	3	0	1	0	1	352
17:00	81	8	2	0	1	0	0	92
17:15	69	4	1	0	0	0	0	74
17:30	78	7	1	0	0	1	1	88
17:45	55	7	1	0	0	1	0	64
H/TOT	283	26	5	0	1	2	1	318
18:00	76	5	0	0	0	1	0	82
18:15	51	4	0	0	1	0	0	56
18:30	50	5	1	0	0	0	0	56
18:45	50	2	0	0	0	0	0	52
H/TOT	227	16	1	0	1	1	0	246
P/TOT	1300	159	19	0	11	6	3	1498

	B TO C							
	FROM KERESFORTH HILL RD (S) TO BROADWAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16	6	0	0	0	0	0	0	22
10	4	0	0	0	0	0	0	14
12	0	0	0	0	0	0	0	12
16	2	0	1	0	1	0	0	20
54	12	0	1	0	1	0	0	68
25	1	0	2	1	0	0	0	29
26	1	2	0	0	0	0	0	29
27	5	1	0	0	0	0	0	33
25	3	1	0	0	0	0	0	29
103	10	4	2	1	0	0	0	120
14	5	1	0	0	0	0	0	20
15	1	0	0	0	0	0	0	16
14	2	0	0	0	0	0	0	16
12	1	0	0	0	0	0	0	13
55	9	1	0	0	0	0	0	65
19	3	0	0	0	0	0	0	22
19	1	0	1	0	0	0	0	21
11	1	0	0	0	0	0	0	12
8	3	0	0	0	0	0	0	11
57	8	0	1	0	0	0	0	66
11	1	0	0	0	0	0	0	12
11	0	0	0	0	0	0	0	11
12	4	0	0	0	0	0	0	16
2	0	0	0	0	0	0	0	2
36	5	0	0	0	0	0	0	41
305	44	5	4	1	1	0	0	360

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 2

LOCATION: KERESFORTH HILL RD (E) / KERESFORTH HILL RD (S) / BROADWAY



DATE: 18/11/2021

DAY: THURSDAY

TIME	C TO A FROM BROADWAY TO KERESFORTH HILL RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	29	4	1	0	0	0	0	34
07:15	39	7	1	0	1	0	0	48
07:30	38	10	3	0	0	0	0	51
07:45	73	13	5	1	1	0	0	93
H/TOT	179	34	10	1	2	0	0	226
08:00	62	9	1	0	1	0	0	73
08:15	102	7	5	2	0	0	1	117
08:30	80	9	3	0	1	0	0	93
08:45	81	11	3	0	0	0	0	95
H/TOT	325	36	12	2	2	0	1	378
09:00	72	10	2	0	1	0	0	85
09:15	59	12	2	2	0	0	0	75
09:30	52	12	0	1	1	1	0	67
09:45	57	9	5	1	0	0	0	72
H/TOT	240	43	9	4	2	1	0	299
P/TOT	744	113	31	7	6	1	1	903

	C TO B FROM BROADWAY TO KERESFORTH HILL RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
	3	1	0	0	0	0	0	4
	4	0	0	0	0	0	0	4
	8	0	0	1	0	0	0	9
	13	2	0	1	0	0	0	16
	28	3	0	2	0	0	0	33
	17	5	0	0	0	0	0	22
	32	2	0	0	0	0	0	34
	17	3	1	0	0	0	0	21
	12	5	1	0	0	0	0	18
	78	15	2	0	0	0	0	95
	13	2	1	0	0	0	0	16
	14	2	2	0	0	0	0	18
	4	0	0	0	0	0	0	4
	2	3	1	0	0	0	0	6
	33	7	4	0	0	0	0	44
	139	25	6	2	0	0	0	172

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 2

LOCATION: KERESFORTH HILL RD (E) / KERESFORTH HILL RD (S) / BROADWAY



DATE: 18/11/2021

DAY: THURSDAY

TIME	C TO A FROM BROADWAY TO KERESFORTH HILL RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	58	6	1	0	1	0	0	66
14:15	90	13	2	1	1	1	0	108
14:30	85	11	0	1	1	0	0	98
14:45	88	9	3	2	2	0	1	105
H/TOT	321	39	6	4	5	1	1	377
15:00	69	15	1	1	3	0	0	89
15:15	101	13	3	0	1	0	0	118
15:30	91	10	1	0	1	0	0	103
15:45	87	15	3	1	1	0	0	107
H/TOT	348	53	8	2	6	0	0	417
16:00	92	16	4	0	1	0	0	113
16:15	87	17	1	0	1	0	0	106
16:30	90	21	1	0	0	0	0	112
16:45	79	11	4	0	1	0	0	95
H/TOT	348	65	10	0	3	0	0	426
17:00	82	17	2	1	0	0	0	102
17:15	99	11	3	0	0	0	0	113
17:30	86	13	1	0	1	0	1	102
17:45	78	7	0	0	0	1	0	86
H/TOT	345	48	6	1	1	1	1	403
18:00	71	9	1	0	1	0	0	82
18:15	78	12	0	0	1	0	0	91
18:30	45	5	0	0	0	0	0	50
18:45	57	6	0	0	0	0	0	63
H/TOT	251	32	1	0	2	0	0	286
P/TOT	1613	237	31	7	17	2	2	1909

TIME	C TO B FROM BROADWAY TO KERESFORTH HILL RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
8	2	0	1	0	0	0	0	11
8	2	1	0	0	0	0	0	11
6	0	0	0	0	0	0	0	6
12	3	0	0	0	0	0	0	15
34	7	1	1	0	0	0	0	43
22	2	1	0	0	0	0	0	25
17	1	0	0	0	0	0	0	18
22	1	0	0	0	0	0	0	23
8	1	0	0	0	0	0	0	9
69	5	1	0	0	0	0	0	75
9	2	0	0	0	0	0	0	11
5	0	0	0	0	0	0	0	5
5	5	0	0	0	0	0	0	10
5	1	0	0	0	0	0	0	6
24	8	0	0	0	0	0	0	32
4	1	0	0	0	0	0	0	5
9	2	0	0	0	0	1	0	12
5	2	0	0	0	0	0	0	7
5	0	1	0	0	0	0	0	6
23	5	1	0	0	0	1	0	30
9	1	0	0	0	0	0	0	10
6	0	1	0	0	0	0	0	7
5	1	0	0	0	0	0	0	6
5	0	0	0	0	0	0	0	5
25	2	1	0	0	0	0	0	28
175	27	4	1	0	0	1	0	208

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 2

LOCATION: KERESFORTH HILL RD (E) / KERESFORTH HILL RD (S) / BROADWAY



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM A KERESFORTH HILL RD (E)								FROM ARM A KERESFORTH HILL RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	59	11	1	0	0	2	0	73	117	33	7	2	0	0	1	160
07:15	81	17	4	0	1	0	0	103	152	42	2	0	0	0	0	196
07:30	124	20	3	0	0	0	0	147	161	29	2	0	0	0	1	193
07:45	163	27	5	1	1	0	0	197	168	44	4	0	2	1	0	219
H/TOT	427	75	13	1	2	2	0	520	598	148	15	2	2	1	2	768
08:00	147	23	1	0	1	2	0	174	163	28	6	1	1	2	0	201
08:15	180	22	7	2	1	0	1	213	196	32	10	1	2	0	0	241
08:30	192	19	3	0	2	1	0	217	164	33	9	2	1	0	1	210
08:45	179	26	10	1	0	0	0	216	145	32	11	0	7	0	1	196
H/TOT	698	90	21	3	4	3	1	820	668	125	36	4	11	2	2	848
09:00	157	28	2	0	7	0	0	194	146	37	7	1	4	0	1	196
09:15	115	17	4	2	0	1	0	139	108	18	7	1	0	0	0	134
09:30	109	19	3	1	1	1	0	134	100	27	6	3	0	0	0	136
09:45	124	18	10	1	0	0	0	153	106	22	5	0	1	1	0	135
H/TOT	505	82	19	4	8	2	0	620	460	104	25	5	5	1	1	601
P/TOT	1630	247	53	8	14	7	1	1960	1726	377	76	11	18	4	5	2217

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 2

LOCATION: KERESFORTH HILL RD (E) / KERESFORTH HILL RD (S) / BROADWAY



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM A KERESFORTH HILL RD (E)								FROM ARM A KERESFORTH HILL RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	110	13	3	0	2	1	0	129	142	18	3	1	0	1	0	165
14:15	136	21	5	1	1	1	0	165	125	16	6	1	1	2	0	151
14:30	145	18	2	1	1	0	1	168	113	21	4	1	3	1	0	143
14:45	132	20	3	2	2	1	1	161	186	23	6	0	4	1	0	220
H/TOT	523	72	13	4	6	3	2	623	566	78	19	3	8	5	0	679
15:00	126	19	1	1	3	0	0	150	205	27	5	0	0	0	0	237
15:15	166	18	3	0	1	0	0	188	188	24	5	3	7	2	1	230
15:30	173	25	3	0	4	0	0	205	164	24	8	1	1	2	0	200
15:45	167	32	4	1	5	1	0	210	201	27	13	2	1	0	0	244
H/TOT	632	94	11	2	13	1	0	753	758	102	31	6	9	4	1	911
16:00	165	30	6	0	2	0	1	204	157	25	1	1	1	1	0	186
16:15	155	32	1	0	1	0	0	189	194	14	3	1	1	1	1	215
16:30	156	25	2	0	0	0	0	183	182	17	7	1	2	1	0	210
16:45	176	21	4	0	1	0	0	202	200	18	5	0	0	1	1	225
H/TOT	652	108	13	0	4	0	1	778	733	74	16	3	4	4	2	836
17:00	163	25	4	1	1	0	0	194	203	17	0	0	0	0	0	220
17:15	168	15	4	0	0	0	0	187	172	14	0	0	1	0	0	187
17:30	164	20	2	0	1	1	2	190	171	15	3	0	2	1	0	192
17:45	133	14	1	0	0	2	0	150	168	10	2	1	0	0	1	182
H/TOT	628	74	11	1	2	3	2	721	714	56	5	1	3	1	1	781
18:00	147	14	1	0	1	1	0	164	146	9	1	0	1	1	0	158
18:15	129	16	0	0	2	0	0	147	122	12	4	0	0	0	0	138
18:30	95	10	1	0	0	0	0	106	102	7	3	0	1	0	0	113
18:45	107	8	0	0	0	0	0	115	104	9	0	0	1	0	0	114
H/TOT	478	48	2	0	3	1	0	532	474	37	8	0	3	1	0	523
P/TOT	2913	396	50	7	28	8	5	3407	3245	347	79	13	27	15	4	3730

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 2

LOCATION: KERESFORTH HILL RD (E) / KERESFORTH HILL RD (S) / BROADWAY



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM B KERESFORTH HILL RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	33	4	2	0	0	0	0	39
07:15	55	13	0	0	0	0	0	68
07:30	67	10	1	1	0	0	0	79
07:45	71	22	2	1	0	0	0	96
H/TOT	226	49	5	2	0	0	0	282
08:00	78	16	1	0	0	0	0	95
08:15	114	13	3	0	1	0	0	131
08:30	80	17	2	1	0	0	0	100
08:45	76	25	6	0	6	0	0	113
H/TOT	348	71	12	1	7	0	0	439
09:00	75	15	3	0	1	0	0	94
09:15	56	3	3	0	0	0	0	62
09:30	47	8	0	1	0	0	0	56
09:45	44	8	4	0	0	1	0	57
H/TOT	222	34	10	1	1	1	0	269
P/TOT	796	154	27	4	8	1	0	990

FROM ARM B KERESFORTH HILL RD (S)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
37	7	0	0	0	2	0	46
51	13	3	0	0	0	0	67
103	11	1	0	0	0	0	115
110	14	1	0	0	0	0	125
301	45	5	0	0	2	0	353
103	16	0	0	0	2	0	121
91	17	2	0	2	0	0	112
134	12	1	1	1	1	0	150
109	19	8	2	0	0	0	138
437	64	11	3	3	3	0	521
101	19	0	0	6	1	0	127
67	7	3	0	0	1	0	78
65	8	3	0	0	0	0	76
76	10	5	1	0	0	0	92
309	44	11	1	6	2	0	373
1047	153	27	4	9	7	0	1247

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 2

LOCATION: KERESFORTH HILL RD (E) / KERESFORTH HILL RD (S) / BROADWAY



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM B KERESFORTH HILL RD (S)								FROM ARM B KERESFORTH HILL RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	67	10	1	1	0	1	0	80	68	13	2	0	1	1	0	85
14:15	59	10	2	0	0	1	0	72	56	12	3	0	0	0	0	71
14:30	58	9	2	0	2	0	0	71	72	7	2	0	0	0	1	82
14:45	100	15	2	0	3	1	0	121	60	13	0	1	0	2	0	76
H/TOT	284	44	7	1	5	3	0	344	256	45	7	1	1	3	1	314
15:00	113	14	2	0	0	0	0	129	82	5	0	2	1	0	0	90
15:15	109	10	2	0	4	1	0	126	91	6	2	0	0	0	0	99
15:30	97	6	0	0	0	2	0	105	109	20	3	0	3	0	0	135
15:45	104	10	9	0	0	0	0	123	105	20	2	0	4	1	0	132
H/TOT	423	40	13	0	4	3	0	483	387	51	7	2	8	1	0	456
16:00	88	11	1	0	1	1	0	102	87	19	3	0	1	0	1	111
16:15	95	6	2	0	0	1	0	104	83	16	0	0	0	0	0	99
16:30	98	10	3	0	1	0	0	112	80	6	1	0	0	0	0	87
16:45	96	10	2	0	0	0	1	109	109	11	0	0	0	0	0	120
H/TOT	377	37	8	0	2	2	1	427	359	52	4	0	1	0	1	417
17:00	103	11	0	0	0	0	0	114	100	11	2	0	1	0	0	114
17:15	87	6	0	0	0	1	0	94	88	5	1	1	0	0	0	95
17:30	89	8	1	0	1	1	0	100	89	8	1	0	0	1	1	100
17:45	91	6	2	0	0	0	1	100	63	10	1	0	0	1	0	75
H/TOT	370	31	3	0	1	2	1	408	340	34	5	1	1	2	1	384
18:00	77	5	0	0	0	0	0	82	87	6	0	0	0	1	0	94
18:15	69	2	4	0	0	0	0	75	62	4	0	0	1	0	0	67
18:30	51	4	1	0	1	0	0	57	62	9	1	0	0	0	0	72
18:45	64	8	0	0	0	0	0	72	52	2	0	0	0	0	0	54
H/TOT	261	19	5	0	1	0	0	286	263	21	1	0	1	1	0	287
P/TOT	1715	171	36	1	13	10	2	1948	1605	203	24	4	12	7	3	1858

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 2

LOCATION: KERESFORTH HILL RD (E) / KERESFORTH HILL RD (S) / BROADWAY



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM C BROADWAY								FROM ARM C BROADWAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	94	30	5	2	0	0	1	132	32	5	1	0	0	0	0	38
07:15	110	32	2	0	0	0	0	144	43	7	1	0	1	0	0	52
07:30	119	20	2	0	0	0	1	142	46	10	3	1	0	0	0	60
07:45	130	24	3	0	2	1	0	160	86	15	5	2	1	0	0	109
H/TOT	453	106	12	2	2	1	2	578	207	37	10	3	2	0	0	259
08:00	120	19	5	1	1	2	0	148	79	14	1	0	1	0	0	95
08:15	127	23	7	1	2	0	0	160	134	9	5	2	0	0	1	151
08:30	123	21	9	2	1	0	1	157	97	12	4	0	1	0	0	114
08:45	92	16	7	1	1	0	1	118	93	16	4	0	0	0	0	113
H/TOT	462	79	28	5	5	2	2	583	403	51	14	2	2	0	1	473
09:00	100	25	5	1	3	1	1	136	85	12	3	0	1	0	0	101
09:15	77	19	7	1	0	0	0	104	73	14	4	2	0	0	0	93
09:30	65	20	6	2	0	0	0	93	56	12	0	1	1	1	0	71
09:45	73	18	2	1	1	0	0	95	59	12	6	1	0	0	0	78
H/TOT	315	82	20	5	4	1	1	428	273	50	13	4	2	1	0	343
P/TOT	1230	267	60	12	11	4	5	1589	883	138	37	9	6	1	1	1075

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 2

LOCATION: KERESFORTH HILL RD (E) / KERESFORTH HILL RD (S) / BROADWAY



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM C BROADWAY								FROM ARM C BROADWAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	99	16	2	1	0	0	0	118	66	8	1	1	1	0	0	77
14:15	84	12	5	1	1	1	0	104	98	15	3	1	1	1	0	119
14:30	73	12	2	1	1	1	0	90	91	11	0	1	1	0	0	104
14:45	114	13	4	1	1	1	0	134	100	12	3	2	2	0	1	120
H/TOT	370	53	13	4	3	3	0	446	355	46	7	5	5	1	1	420
15:00	139	16	4	2	1	0	0	162	91	17	2	1	3	0	0	114
15:15	122	16	5	3	3	1	1	151	118	14	3	0	1	0	0	136
15:30	116	24	9	1	1	0	0	151	113	11	1	0	1	0	0	126
15:45	130	21	5	2	1	0	0	159	95	16	3	1	1	0	0	116
H/TOT	507	77	23	8	6	1	1	623	417	58	9	2	6	0	0	492
16:00	92	21	1	1	0	0	0	115	101	18	4	0	1	0	0	124
16:15	119	9	1	1	1	0	1	132	92	17	1	0	1	0	0	111
16:30	103	14	4	1	1	1	0	124	95	26	1	0	0	0	0	122
16:45	121	10	3	0	0	1	0	135	84	12	4	0	1	0	0	101
H/TOT	435	54	9	3	2	2	1	506	372	73	10	0	3	0	0	458
17:00	123	10	0	0	0	0	0	133	86	18	2	1	0	0	0	107
17:15	113	11	0	1	1	0	0	126	108	13	3	0	0	1	0	125
17:30	98	10	2	0	1	0	0	111	91	15	1	0	1	0	1	109
17:45	90	7	1	1	0	0	0	99	83	7	1	0	0	1	0	92
H/TOT	424	38	3	2	2	0	0	469	368	53	7	1	1	2	1	433
18:00	89	6	1	0	1	1	0	98	80	10	1	0	1	0	0	92
18:15	70	10	1	0	0	0	0	81	84	12	1	0	1	0	0	98
18:30	68	8	2	0	0	0	0	78	50	6	0	0	0	0	0	56
18:45	47	1	0	0	1	0	0	49	62	6	0	0	0	0	0	68
H/TOT	274	25	4	0	2	1	0	306	276	34	2	0	2	0	0	314
P/TOT	2010	247	52	17	15	7	2	2350	1788	264	35	8	17	3	2	2117

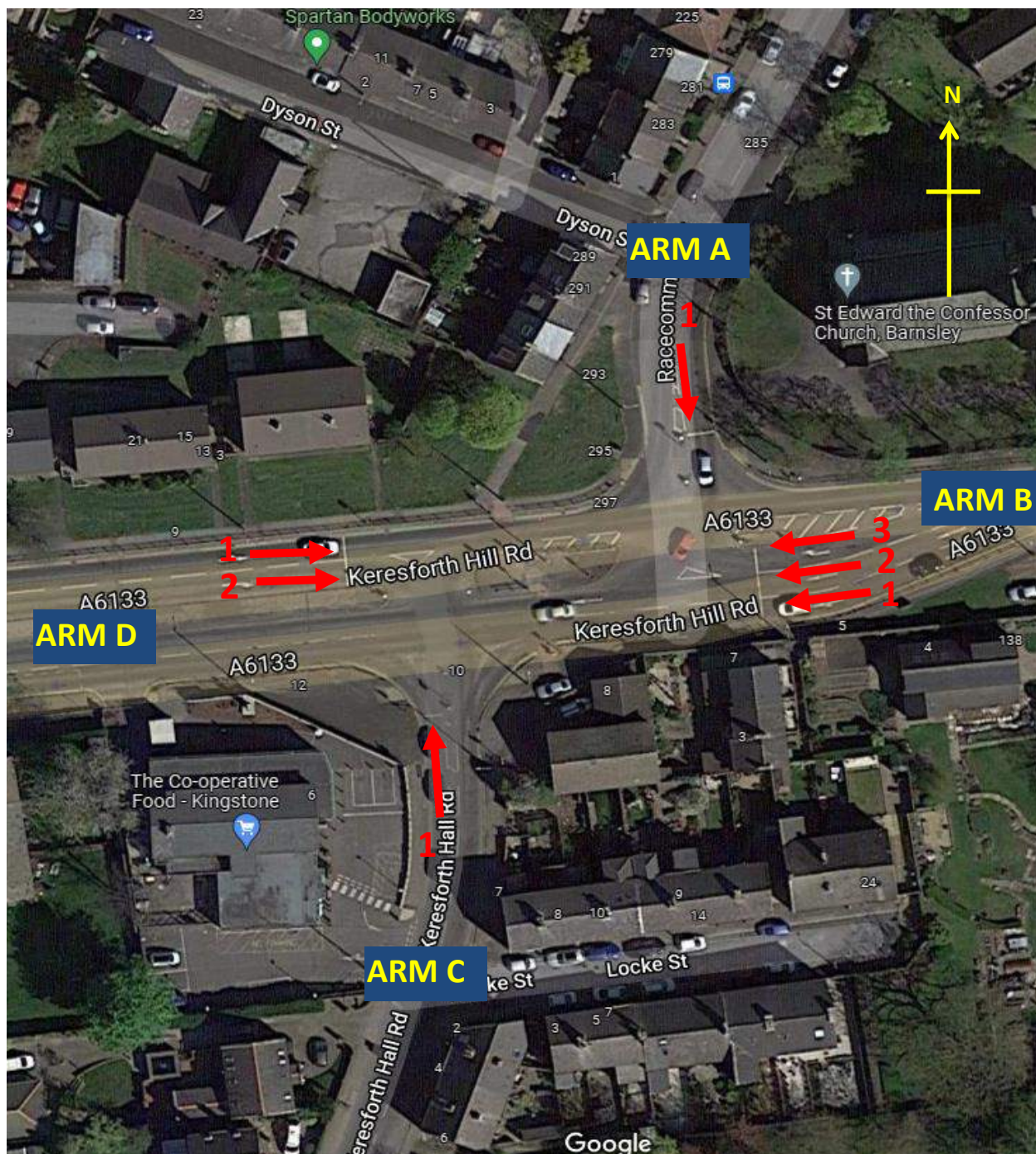
SITE: 3



DATE: 18TH NOVEMBER 2021

LOCATION: KERESFORTH CL /
BROADWAY / ASSEMBLY WAY

DAY: THURSDAY



JOB TITLE: BARNSELY

JOB NUMBER: 10917

QUEUE LENGTHS

JOB REF: 10917

JOB NAME: BARNSELY

SITE: 3



DATE: 18/11/2021

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)

DAY: THURSDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A RACECOMMON RD			ARM B KERESFOTH HILL RD (E)			ARM C KERESFORTH HALL RD			ARM D KERESFOTH HILL RD (W)		
	LANE 1			LANE 1 LANE 2 LANE 3			LANE 1			LANE 1 LANE 2		
07:00	3			0	0	0	3			6	2	
07:05	4			5	5	0	3			1	0	
07:10	3			3	2	0	1			2	0	
07:15	6			7	2	0	1			4	0	
07:20	6			1	0	0	4			10	0	
07:25	6			12	4	0	10			9	1	
07:30	3			4	1	0	4			5	2	
07:35	8			4	2	0	12			4	0	
07:40	5			1	0	0	2			5	1	
07:45	6			5	2	1	15			13	1	
07:50	1			7	3	0	14			13	0	
07:55	8			5	8	1	7			25+	1	
08:00	6			3	3	0	10			25+	3	
08:05	7			8	2	0	11			21	0	
08:10	9			13	2	0	14			23	2	
08:15	9			13	3	2	15			25+	7	
08:20	7			10	2	0	10			14	7	
08:25	13			17	2	0	9			25+	4	
08:30	3			7	2	0	9			25+	3	
08:35	4			3	1	3	6			26	2	
08:40	15			9	4	2	14			25+	1	
08:45	4			2	2	5	12			25+	2	
08:50	13			9	2	3	10			25+	4	
08:55	8			3	3	2	8			25+	1	
09:00	15			5	1	0	11			25+	6	
14:00	5			6	2	0						
14:05	8			5	2	0						
14:10	10			3	2	0						
14:15	3			6	2	0						
14:20	7			1	2	2						
14:25	1			2	1	0						
14:30	5			4	1	1						
14:35	5			11	1	1						
14:40	3			2	0	0						
14:45	11			8	3	1						
14:50	14			6	1	0						
14:55	20			5	4	0						
15:00	21			12	2	1						
15:05	17			10	3	0						
15:10	25			4	1	3						
15:15	25+			11	4	5						
15:20	19			7	6	0						
15:25	20			6	3	0						
15:30	25+			4	2	2						
15:35	25+			5	0	0						
15:40	25+			4	1	0						
15:45	25+			7	3	0						
15:50	25+			4	11	0						
15:55	23			8	2	2						
16:00	25+			4	2	2						

QUEUE LENGTHS

JOB REF: 10917

JOB NAME: BARNSELY

SITE: 3



DATE: 18/11/2021

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)

DAY: THURSDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A	ARM B			ARM C	ARM D	
	RACECOMMON RD	KERESFOTH HILL RD (E)			KERESFORTH HALL RD	KERESFOTH HILL RD (W)	
	LANE 1	LANE 1	LANE 2	LANE 3	LANE 1	LANE 1	LANE 2
09:05	24	7	5	0	12	25+	7
09:10	4	5	3	0	5	18	5
09:15	3	2	1	0	7	9	2
09:20	3	4	1	1	4	14	0
09:25	8	3	3	0	5	8	1
09:30	4	1	1	0	5	1	0
09:35	4	2	0	0	4	11	2
09:40	2	1	2	0	2	1	1
09:45	5	1	2	0	12	3	3
09:50	6	3	0	1	4	13	2
09:55	2	4	1	0	7	12	1

TIME	ARM A	ARM B			ARM C	ARM D	
	RACECOMMON RD	KERESFOTH HILL RD (E)			KERESFORTH HALL RD	KERESFOTH HILL RD (W)	
	LANE 1	LANE 1	LANE 2	LANE 3	LANE 1	LANE 1	LANE 2
16:05	25+	6	4	0	1	18	3
16:10	14	3	1	0	3	13	2
16:15	12	3	1	0	6	16	3
16:20	9	12	2	0	7	13	4
16:25	8	2	2	0	11	10	4
16:30	22	9	2	0	10	21	8
16:35	18	5	2	0	7	25+	5
16:40	7	8	5	0	8	15	7
16:45	8	10	4	0	3	10	3
16:50	21	10	2	2	7	25+	3
16:55	11	7	3	0	5	25+	10
17:00	9	4	1	1	4	25+	7
17:05	20	7	3	1	10	25+	8
17:10	25+	14	3	1	6	25+	12
17:15	12	8	2	1	7	25+	12
17:20	10	9	0	1	7	25	10
17:25	11	1	3	1	5	25+	4
17:30	10	6	5	0	1	12	5
17:35	9	4	2	0	5	15	7
17:40	7	4	4	0	5	15	8
17:45	6	2	4	1	5	16	5
17:50	7	2	1	0	4	6	0
17:55	13	4	2	0	10	11	4
18:00	14	3	1	0	7	17	2
18:05	12	5	3	0	4	11	2
18:10	11	2	0	0	1	7	1
18:15	6	8	0	0	3	8	2
18:20	10	4	0	0	5	9	3
18:25	6	1	1	0	5	9	3
18:30	5	3	3	0	2	5	0
18:35	3	4	4	0	5	3	0
18:40	4	2	0	0	2	5	1
18:45	7	2	0	1	6	12	0
18:50	4	2	1	0	3	5	0
18:55	5	4	0	0	5	12	0

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 3

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	A TO B							
	FROM RACECOMMON RD TO KERESFOTH HILL RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	1	2	0	0	0	0	0	3
07:15	1	0	0	0	0	0	0	1
07:30	2	0	1	0	0	0	0	3
07:45	3	0	0	0	0	0	0	3
H/TOT	7	2	1	0	0	0	0	10
08:00	5	2	1	0	0	0	0	8
08:15	3	1	0	0	0	0	0	4
08:30	8	2	0	0	0	0	0	10
08:45	9	2	1	0	0	0	0	12
H/TOT	25	7	2	0	0	0	0	34
09:00	1	0	0	0	0	0	0	1
09:15	3	2	0	0	0	0	0	5
09:30	6	0	0	0	0	0	0	6
09:45	11	0	0	0	0	0	0	11
H/TOT	21	2	0	0	0	0	0	23
P/TOT	53	11	3	0	0	0	0	67

	A TO C							
	FROM RACECOMMON RD TO KERESFORTH HALL RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
6	2	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	9
7	2	0	0	0	0	0	0	9
12	5	0	0	0	0	0	0	17
34	9	0	0	0	0	0	0	43
7	1	0	0	0	0	0	0	8
10	1	1	0	0	0	0	0	12
8	2	0	0	0	0	0	0	10
13	3	0	0	0	0	0	0	16
38	7	1	0	0	0	0	0	46
23	2	0	0	1	0	0	0	26
16	1	1	0	1	0	0	0	19
10	0	0	0	0	0	0	0	10
15	0	0	0	0	0	0	0	15
64	3	1	0	2	0	0	0	70
136	19	2	0	2	0	0	0	159

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 3

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	A TO B							
	FROM RACECOMMON RD TO KERESFOTH HILL RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	5	3	0	0	0	0	0	8
14:15	2	1	0	0	0	0	0	3
14:30	6	1	0	0	0	0	0	7
14:45	6	1	0	0	0	0	0	7
H/TOT	19	6	0	0	0	0	0	25
15:00	5	1	0	0	0	0	0	6
15:15	15	1	0	0	0	0	0	16
15:30	5	0	0	0	0	0	0	5
15:45	7	1	0	0	0	0	0	8
H/TOT	32	3	0	0	0	0	0	35
16:00	7	1	0	0	0	0	0	8
16:15	5	0	0	0	0	0	0	5
16:30	10	1	1	0	0	0	0	12
16:45	4	0	0	0	0	0	0	4
H/TOT	26	2	1	0	0	0	0	29
17:00	11	0	0	0	0	0	0	11
17:15	15	0	0	0	0	0	0	15
17:30	6	0	0	0	0	0	0	6
17:45	5	0	0	0	0	0	0	5
H/TOT	37	0	0	0	0	0	0	37
18:00	6	0	0	0	0	0	0	6
18:15	4	1	0	0	0	0	0	5
18:30	5	0	0	0	0	0	0	5
18:45	3	0	0	0	0	0	0	3
H/TOT	18	1	0	0	0	0	0	19
P/TOT	132	12	1	0	0	0	0	145

	A TO C							
	FROM RACECOMMON RD TO KERESFORTH HALL RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15	1	0	0	0	0	0	0	16
16	1	0	0	0	0	0	0	17
19	2	0	0	0	0	0	0	21
23	1	1	0	0	0	0	0	25
73	5	1	0	0	0	0	0	79
20	2	0	0	0	0	0	0	22
17	5	1	0	0	0	0	0	23
24	1	0	0	0	0	0	0	25
17	1	1	0	0	0	0	0	19
78	9	2	0	0	0	0	0	89
32	3	0	0	0	0	0	0	35
17	2	0	0	0	0	0	0	19
29	3	0	0	0	0	0	0	32
19	2	0	0	0	0	0	0	21
97	10	0	0	0	0	0	0	107
23	0	0	0	0	0	0	0	23
31	1	0	0	0	0	0	0	32
28	1	0	0	0	0	0	0	29
24	0	0	0	0	0	0	0	24
106	2	0	0	0	0	0	0	108
32	0	0	0	0	0	0	0	32
9	2	0	0	0	0	0	0	11
18	0	0	0	0	0	0	0	18
13	0	0	0	0	0	0	0	13
72	2	0	0	0	0	0	0	74
426	28	3	0	0	0	0	0	457

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELY

SITE: 3

DATE: 18/11/2021

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)

DAY: THURSDAY

TIME	A TO D							
	FROM RACECOMMON RD TO KERESFOTH HILL RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	21	8	0	0	0	0	0	29
07:15	33	6	0	0	0	0	0	39
07:30	36	2	0	0	0	0	0	38
07:45	39	11	0	0	0	0	0	50
H/TOT	129	27	0	0	0	0	0	156
08:00	59	8	0	0	0	1	0	68
08:15	42	7	3	1	0	0	0	53
08:30	30	8	2	0	0	0	0	40
08:45	40	6	1	0	2	0	0	49
H/TOT	171	29	6	1	2	1	0	210
09:00	47	5	0	0	0	0	0	52
09:15	26	4	1	0	0	0	0	31
09:30	24	5	0	0	0	0	0	29
09:45	27	4	2	0	0	1	0	34
H/TOT	124	18	3	0	0	1	0	146
P/TOT	424	74	9	1	2	2	0	512

	B TO A							
	FROM KERESFOTH HILL RD (E) TO RACECOMMON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
2	0	0	0	0	0	0	0	2
5	0	1	0	0	0	0	0	6
3	0	0	0	0	0	0	0	3
5	1	1	0	0	0	0	0	7
15	1	2	0	0	0	0	0	18
8	2	0	0	0	0	0	0	10
7	0	1	0	0	0	0	0	8
13	0	0	0	0	0	0	1	14
9	2	0	0	0	0	0	0	11
37	4	1	0	0	0	0	1	43
6	0	0	0	0	0	0	0	6
3	0	0	0	0	0	0	1	4
2	1	0	0	0	0	0	0	3
3	0	0	0	0	0	0	0	3
14	1	0	0	0	0	0	1	16
66	6	3	0	0	0	0	2	77

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 3

DATE: 18/11/2021

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)

DAY: THURSDAY

TIME	A TO D								B TO A							
	FROM RACECOMMON RD TO KERESFOTH HILL RD (W)								FROM KERESFOTH HILL RD (E) TO RACECOMMON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	43	6	0	0	0	0	0	49	5	1	0	0	0	0	0	6
14:15	36	3	1	0	0	1	0	41	6	1	0	0	0	0	0	7
14:30	36	6	1	0	2	0	0	45	3	1	0	0	0	0	0	4
14:45	54	4	3	0	0	0	0	61	6	1	0	0	0	0	0	7
H/TOT	169	19	5	0	2	1	0	196	20	4	0	0	0	0	0	24
15:00	61	9	1	0	0	0	0	71	10	3	0	0	0	0	0	13
15:15	60	2	2	0	0	0	0	64	11	0	1	0	0	0	0	12
15:30	68	4	1	0	0	2	0	75	10	0	0	0	0	0	0	10
15:45	73	3	0	0	0	0	0	76	6	1	1	0	0	0	0	8
H/TOT	262	18	4	0	0	2	0	286	37	4	2	0	0	0	0	43
16:00	63	8	0	0	0	1	0	72	2	1	0	0	0	0	0	3
16:15	73	1	0	0	0	0	0	74	2	0	0	0	0	0	0	2
16:30	65	6	2	0	1	1	0	75	5	0	0	0	0	0	0	5
16:45	76	5	2	0	0	0	0	83	5	1	0	0	0	0	0	6
H/TOT	277	20	4	0	1	2	0	304	14	2	0	0	0	0	0	16
17:00	84	5	0	0	0	0	0	89	8	2	0	0	0	0	0	10
17:15	58	2	0	0	0	0	0	60	6	0	0	0	0	0	0	6
17:30	66	2	2	0	1	0	0	71	4	2	0	0	0	0	0	6
17:45	58	3	0	0	0	1	0	62	2	0	0	0	0	0	0	2
H/TOT	266	12	2	0	1	1	0	282	20	4	0	0	0	0	0	24
18:00	48	3	1	0	0	0	0	52	7	1	0	0	0	0	0	8
18:15	44	4	0	0	0	0	0	48	2	0	0	0	0	0	0	2
18:30	30	2	0	0	1	0	0	33	2	0	0	0	0	0	0	2
18:45	44	2	0	0	0	0	0	46	2	0	0	0	0	0	0	2
H/TOT	166	11	1	0	1	0	0	179	13	1	0	0	0	0	0	14
P/TOT	1140	80	16	0	5	6	0	1247	104	15	2	0	0	0	0	121

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELY

SITE: 3

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	B TO C							
	FROM KERESFOTH HILL RD (E) TO KERESFORTH HALL RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	1	0	0	0	0	0	0	1
07:15	4	0	0	0	0	0	0	4
07:30	3	0	0	0	0	0	0	3
07:45	0	0	0	0	0	0	0	0
H/TOT	8	0	0	0	0	0	0	8
08:00	4	2	0	0	0	0	0	6
08:15	3	3	0	0	0	0	0	6
08:30	2	0	0	0	0	0	0	2
08:45	1	1	0	0	0	0	0	2
H/TOT	10	6	0	0	0	0	0	16
09:00	6	1	0	0	0	0	0	7
09:15	4	0	0	0	0	0	0	4
09:30	11	0	0	0	0	0	0	11
09:45	7	1	0	0	0	0	0	8
H/TOT	28	2	0	0	0	0	0	30
P/TOT	46	8	0	0	0	0	0	54

	B TO D							
	FROM KERESFOTH HILL RD (E) TO KERESFOTH HILL RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
68	24	8	1	0	0	0	2	103
93	28	2	0	0	0	0	0	123
97	19	1	0	0	0	0	2	119
84	26	4	0	2	0	0	0	116
342	97	15	1	2	0	4		461
93	15	6	1	2	1	0	0	118
105	19	6	1	1	0	0	0	132
94	20	6	1	3	0	1	1	125
74	16	11	0	5	0	0	0	106
366	70	29	3	11	1	1		481
68	25	3	1	3	0	1	1	101
52	16	7	1	1	0	0	0	77
51	20	4	2	0	0	0	0	77
51	13	2	0	1	0	0	0	67
222	74	16	4	5	0	1		322
930	241	60	8	18	1	6		1264

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 3

DATE: 18/11/2021

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)

DAY: THURSDAY

TIME	B TO C							
	FROM KERESFOTH HILL RD (E) TO KERESFORTH HALL RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	5	1	0	0	0	0	0	6
14:15	5	0	0	0	0	0	0	5
14:30	9	1	1	0	0	0	0	11
14:45	4	2	0	0	0	0	0	6
H/TOT	23	4	1	0	0	0	0	28
15:00	2	1	0	0	0	0	0	3
15:15	6	0	1	0	0	0	0	7
15:30	6	0	0	0	0	0	0	6
15:45	7	1	1	0	0	0	0	9
H/TOT	21	2	2	0	0	0	0	25
16:00	7	0	0	0	0	0	0	7
16:15	6	1	0	0	0	0	0	7
16:30	1	0	0	0	0	0	0	1
16:45	6	0	0	0	0	0	0	6
H/TOT	20	1	0	0	0	0	0	21
17:00	10	0	0	0	0	0	0	10
17:15	8	0	0	0	0	0	0	8
17:30	2	0	0	0	0	0	0	2
17:45	4	0	0	0	0	0	0	4
H/TOT	24	0	0	0	0	0	0	24
18:00	3	0	0	0	0	0	0	3
18:15	4	0	0	0	0	0	0	4
18:30	0	0	0	0	0	0	0	0
18:45	6	0	0	0	0	0	0	6
H/TOT	13	0	0	0	0	0	0	13
P/TOT	101	7	3	0	0	0	0	111

	B TO D							
	FROM KERESFOTH HILL RD (E) TO KERESFOTH HILL RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
72	6	1	1	0	1	0	0	81
60	10	5	0	1	1	0	0	77
57	12	2	1	1	1	0	0	74
79	10	3	0	4	1	0	0	97
268	38	11	2	6	4	0	0	329
97	14	4	1	0	1	0	0	117
100	14	3	2	6	0	1	0	126
76	13	5	1	0	0	0	0	95
106	14	3	2	1	0	0	0	126
379	55	15	6	7	1	1	0	464
78	13	0	1	1	0	0	0	93
97	7	2	0	2	0	0	0	108
88	8	4	1	1	0	0	0	102
109	9	4	0	0	0	0	0	122
372	37	10	2	4	0	0	0	425
102	8	0	0	0	0	0	0	110
90	10	0	0	1	1	0	0	102
89	10	2	0	1	2	0	0	104
79	6	1	1	0	1	0	0	88
360	34	3	1	2	4	0	0	404
77	5	0	0	1	0	0	0	83
57	6	4	0	0	0	0	0	67
62	3	3	0	0	0	0	0	68
48	3	0	0	0	1	0	0	52
244	17	7	0	1	1	0	0	270
1623	181	46	11	20	10	1	0	1892

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 3

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	C TO A							
	FROM KERESFORTH HALL RD TO RACECOMMON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	9	0	1	0	0	0	0	10
07:15	13	1	0	0	0	0	1	15
07:30	20	2	0	0	0	0	0	22
07:45	22	2	0	0	0	0	0	24
H/TOT	64	5	1	0	0	0	1	71
08:00	26	1	0	0	0	0	0	27
08:15	22	4	0	0	0	0	0	26
08:30	38	0	0	0	0	0	0	38
08:45	20	1	0	0	0	0	0	21
H/TOT	106	6	0	0	0	0	0	112
09:00	13	2	0	0	0	0	0	15
09:15	16	1	0	0	0	0	0	17
09:30	17	2	0	0	0	0	1	20
09:45	30	1	0	0	0	0	1	32
H/TOT	76	6	0	0	0	0	2	84
P/TOT	246	17	1	0	0	0	3	267

	C TO B							
	FROM KERESFORTH HALL RD TO KERESFOTH HILL RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
2	1	0	0	0	0	0	0	3
1	0	0	0	0	0	0	0	1
2	1	0	0	0	0	0	0	3
0	0	0	0	0	0	0	0	0
5	2	0	0	0	0	0	0	7
4	1	0	0	0	0	0	0	5
2	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	3
7	2	0	0	0	0	0	0	9
16	3	0	0	0	0	0	0	19
6	0	1	0	0	0	0	0	7
3	0	0	0	0	0	0	0	3
2	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	6
17	0	1	0	0	0	0	0	18
38	5	1	0	0	0	0	0	44

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 3

DATE: 18/11/2021

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)

DAY: THURSDAY

TIME	C TO A							
	FROM KERESFORTH HALL RD TO RACECOMMON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	10	0	0	0	0	0	0	10
14:15	19	0	0	0	0	0	0	19
14:30	19	0	0	0	0	0	0	19
14:45	20	0	0	0	0	0	0	20
H/TOT	68	0	0	0	0	0	0	68
15:00	19	3	0	0	0	0	0	22
15:15	16	4	0	0	0	0	0	20
15:30	15	1	0	0	0	0	0	16
15:45	20	4	0	0	0	0	0	24
H/TOT	70	12	0	0	0	0	0	82
16:00	15	3	0	0	0	0	0	18
16:15	22	4	0	0	0	0	0	26
16:30	26	3	0	0	0	0	0	29
16:45	16	1	0	0	0	0	0	17
H/TOT	79	11	0	0	0	0	0	90
17:00	20	1	0	0	0	0	0	21
17:15	15	1	0	0	0	0	0	16
17:30	9	0	0	0	0	0	0	9
17:45	17	2	0	0	0	0	0	19
H/TOT	61	4	0	0	0	0	0	65
18:00	13	0	0	0	0	0	0	13
18:15	9	1	2	0	0	0	0	12
18:30	12	2	0	0	0	0	0	14
18:45	11	0	0	0	0	0	0	11
H/TOT	45	3	2	0	0	0	0	50
P/TOT	323	30	2	0	0	0	0	355

	C TO B							
	FROM KERESFORTH HALL RD TO KERESFOTH HILL RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
4	0	1	0	0	0	0	0	5
6	0	0	0	0	0	0	0	6
3	1	0	0	0	0	0	0	4
5	1	0	0	0	0	0	0	6
18	2	1	0	0	0	0	0	21
3	0	0	0	0	0	0	0	3
7	0	0	0	0	0	0	0	7
0	0	1	0	0	0	0	0	1
7	1	0	0	0	0	0	0	8
17	1	1	0	0	0	0	0	19
3	1	0	0	0	0	0	0	4
2	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	3
4	1	0	0	0	0	0	0	5
12	2	0	0	0	0	0	0	14
4	0	0	0	0	0	0	0	4
9	0	0	0	0	0	0	0	9
4	0	0	0	0	0	0	0	4
6	0	0	0	0	0	0	0	6
23	0	0	0	0	0	0	0	23
2	0	0	0	0	0	0	0	2
5	2	0	0	0	0	0	0	7
5	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	6
18	2	0	0	0	0	0	0	20
88	7	2	0	0	0	0	0	97

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELY

SITE: 3

DATE: 18/11/2021

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)

DAY: THURSDAY

TIME	C TO D							
	FROM KERESFORTH HALL RD TO KERESFOTH HILL RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	29	2	0	0	0	0	0	31
07:15	24	7	0	0	0	0	0	31
07:30	32	4	1	0	0	0	0	37
07:45	38	6	0	0	0	1	0	45
H/TOT	123	19	1	0	0	1	0	144
08:00	30	7	1	0	0	0	0	38
08:15	43	5	1	0	0	0	0	49
08:30	38	3	0	0	0	0	0	41
08:45	37	3	0	0	0	0	0	40
H/TOT	148	18	2	0	0	0	0	168
09:00	25	5	2	0	1	0	0	33
09:15	38	1	0	0	0	0	0	39
09:30	19	3	1	0	0	0	0	23
09:45	34	4	1	0	0	0	0	39
H/TOT	116	13	4	0	1	0	0	134
P/TOT	387	50	7	0	1	1	0	446

	D TO A							
	FROM KERESFOTH HILL RD (W) TO RACECOMMON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14	2	0	0	0	0	0	2	18
23	3	1	0	0	0	0	0	27
47	3	0	0	0	0	0	0	50
62	9	0	0	0	1	0	0	72
146	17	1	0	1	0	2		167
66	5	0	0	1	0	0	0	72
66	6	2	0	0	0	0	0	74
87	7	0	0	2	0	0	0	96
71	6	1	0	0	0	0	0	78
290	24	3	0	3	0	0		320
40	6	0	0	3	0	0	0	49
34	6	1	0	0	0	0	0	41
30	4	1	0	0	0	0	0	35
40	4	1	1	0	0	0	0	46
144	20	3	1	3	0	0		171
580	61	7	1	7	0	2		658

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 3

DATE: 18/11/2021

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)

DAY: THURSDAY

TIME	C TO D								D TO A							
	FROM KERESFORTH HALL RD TO KERESFOTH HILL RD (W)								FROM KERESFOTH HILL RD (W) TO RACECOMMON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	34	3	2	0	0	0	0	39	32	3	2	0	0	0	0	37
14:15	32	5	0	0	0	0	0	37	29	5	3	0	1	0	0	38
14:30	26	0	0	1	0	0	0	27	31	3	1	0	0	0	0	35
14:45	51	6	1	0	1	0	0	59	38	6	1	0	0	0	0	45
H/TOT	143	14	3	1	1	0	0	162	130	17	7	0	1	0	0	155
15:00	54	4	0	0	0	0	0	58	43	2	0	0	0	0	0	45
15:15	33	5	0	0	2	1	0	41	43	2	1	0	0	0	0	46
15:30	37	6	3	0	0	0	0	46	40	6	1	0	0	0	0	47
15:45	24	6	0	0	0	0	0	30	49	6	0	0	0	0	0	55
H/TOT	148	21	3	0	2	1	0	175	175	16	2	0	0	0	0	193
16:00	21	2	0	0	0	0	0	23	34	7	0	0	0	0	0	41
16:15	27	3	1	0	0	0	0	31	41	8	0	0	1	0	0	50
16:30	30	2	1	0	0	0	0	33	38	4	0	0	0	0	0	42
16:45	25	5	0	0	0	0	0	30	42	5	0	0	0	0	0	47
H/TOT	103	12	2	0	0	0	0	117	155	24	0	0	1	0	0	180
17:00	25	3	0	0	0	0	0	28	34	6	0	0	0	1	0	41
17:15	25	1	0	0	0	0	0	26	49	5	2	0	0	0	0	56
17:30	17	3	0	0	0	0	0	20	50	5	0	0	0	0	0	55
17:45	28	3	0	0	0	0	0	31	34	5	0	0	0	1	0	40
H/TOT	95	10	0	0	0	0	0	105	167	21	2	0	0	2	0	192
18:00	27	1	0	0	0	0	0	28	39	1	0	0	0	0	0	40
18:15	23	1	0	0	0	0	0	24	43	3	0	0	1	0	0	47
18:30	13	1	0	0	0	0	0	14	30	1	1	0	0	0	0	32
18:45	17	2	0	0	0	0	0	19	38	0	0	0	0	0	0	38
H/TOT	80	5	0	0	0	0	0	85	150	5	1	0	1	0	0	157
P/TOT	569	62	8	1	3	1	0	644	777	83	12	0	3	2	0	877

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 3

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	D TO B							
	FROM KERESFOTH HILL RD (W) TO KERESFOTH HILL RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	38	6	2	0	0	0	0	46
07:15	51	11	3	0	1	0	0	66
07:30	79	7	2	0	0	0	0	88
07:45	78	13	4	1	0	0	0	96
H/TOT	246	37	11	1	1	0	0	296
08:00	68	13	0	0	1	1	0	83
08:15	83	11	4	2	0	0	1	101
08:30	83	12	1	0	0	1	0	97
08:45	80	15	4	1	1	0	0	101
H/TOT	314	51	9	3	2	2	1	382
09:00	105	12	3	0	2	0	0	122
09:15	67	10	3	2	2	0	0	84
09:30	59	14	2	1	1	1	0	78
09:45	58	9	4	1	0	0	0	72
H/TOT	289	45	12	4	5	1	0	356
P/TOT	849	133	32	8	8	3	1	1034

	D TO C							
	FROM KERESFOTH HILL RD (W) TO KERESFORTH HALL RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
5	2	0	0	0	0	0	0	7
17	2	0	0	0	0	0	0	19
17	4	1	0	0	0	0	0	22
14	4	1	0	0	0	0	0	19
53	12	2	0	0	0	0	0	67
19	2	1	0	0	0	1	0	23
33	2	2	0	0	0	0	0	37
27	3	2	0	0	0	0	0	32
28	1	3	0	0	0	0	0	32
107	8	8	0	0	0	1	0	124
34	5	0	0	0	0	0	0	39
25	1	1	0	0	0	1	0	28
17	5	0	0	0	0	0	0	22
24	4	3	0	0	0	0	0	31
100	15	4	0	0	0	1	0	120
260	35	14	0	0	0	2	0	311

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 3

DATE: 18/11/2021

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)

DAY: THURSDAY

TIME	D TO B FROM KERESFOTH HILL RD (W) TO KERESFOTH HILL RD (E)								D TO C FROM KERESFOTH HILL RD (W) TO KERESFORTH HALL RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	73	7	2	0	1	1	0	84	22	1	0	0	0	0	0	23
14:15	74	14	1	1	1	1	0	92	28	5	1	0	0	0	0	34
14:30	93	6	1	1	1	0	0	102	34	1	0	0	0	0	0	35
14:45	81	15	2	2	2	2	1	105	22	0	1	0	0	0	0	23
H/TOT	321	42	6	4	5	4	1	383	106	7	2	0	0	0	0	115
15:00	71	14	0	1	3	0	0	89	19	6	0	0	0	0	0	25
15:15	84	9	1	0	1	0	0	95	33	4	1	0	0	0	0	38
15:30	96	8	1	0	2	0	0	107	32	6	0	0	0	0	0	38
15:45	88	18	5	1	5	0	0	117	37	8	0	0	2	1	0	48
H/TOT	339	49	7	2	11	0	0	408	121	24	1	0	2	1	0	149
16:00	95	15	5	0	1	0	0	116	41	5	1	0	0	0	0	47
16:15	77	18	1	0	1	0	0	97	33	5	0	0	0	0	0	38
16:30	89	14	2	0	0	0	0	105	38	10	0	0	0	0	0	48
16:45	92	10	3	0	1	0	0	106	40	2	0	0	0	0	0	42
H/TOT	353	57	11	0	3	0	0	424	152	22	1	0	0	0	0	175
17:00	90	8	4	1	0	0	0	103	32	5	1	0	0	0	0	38
17:15	103	9	2	0	0	0	0	114	49	2	0	0	0	0	0	51
17:30	79	11	1	0	1	2	0	94	40	4	0	0	0	0	0	44
17:45	74	6	2	0	0	1	0	83	33	3	1	0	0	0	0	37
H/TOT	346	34	9	1	1	3	0	394	154	14	2	0	0	0	0	170
18:00	76	7	0	0	1	1	0	85	30	32	1	0	0	0	0	63
18:15	68	8	0	0	1	0	0	77	32	3	0	0	0	0	0	35
18:30	46	3	0	0	0	0	0	49	20	0	0	0	0	0	0	20
18:45	56	5	0	0	0	0	0	61	22	3	0	0	0	0	0	25
H/TOT	246	23	0	0	2	1	0	272	104	38	1	0	0	0	0	143
P/TOT	1605	205	33	7	22	8	1	1881	637	105	7	0	2	1	0	752

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 3

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM A RACECOMMON RD								FROM ARM A RACECOMMON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	25	2	1	0	0	0	2	30	28	12	0	0	0	0	0	40
07:15	41	4	2	0	0	0	1	48	43	6	0	0	0	0	0	49
07:30	70	5	0	0	0	0	0	75	45	4	1	0	0	0	0	50
07:45	89	12	1	0	1	0	0	103	54	16	0	0	0	0	0	70
H/TOT	225	23	4	0	1	0	3	256	170	38	1	0	0	0	0	209
08:00	100	8	0	0	1	0	0	109	71	11	1	0	0	1	0	84
08:15	95	10	3	0	0	0	0	108	55	9	4	1	0	0	0	69
08:30	138	7	0	0	2	0	1	148	46	12	2	0	0	0	0	60
08:45	100	9	1	0	0	0	0	110	62	11	2	0	2	0	0	77
H/TOT	433	34	4	0	3	0	1	475	234	43	9	1	2	1	0	290
09:00	59	8	0	0	3	0	0	70	71	7	0	0	1	0	0	79
09:15	53	7	1	0	0	0	1	62	45	7	2	0	1	0	0	55
09:30	49	7	1	0	0	0	1	58	40	5	0	0	0	0	0	45
09:45	73	5	1	1	0	0	1	81	53	4	2	0	0	1	0	60
H/TOT	234	27	3	1	3	0	3	271	209	23	4	0	2	1	0	239
P/TOT	892	84	11	1	7	0	7	1002	613	104	14	1	4	2	0	738

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 3

DATE: 18/11/2021

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)

DAY: THURSDAY

TIME	TO ARM A RACECOMMON RD								FROM ARM A RACECOMMON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	47	4	2	0	0	0	0	53	63	10	0	0	0	0	0	73
14:15	54	6	3	0	1	0	0	64	54	5	1	0	0	1	0	61
14:30	53	4	1	0	0	0	0	58	61	9	1	0	2	0	0	73
14:45	64	7	1	0	0	0	0	72	83	6	4	0	0	0	0	93
H/TOT	218	21	7	0	1	0	0	247	261	30	6	0	2	1	0	300
15:00	72	8	0	0	0	0	0	80	86	12	1	0	0	0	0	99
15:15	70	6	2	0	0	0	0	78	92	8	3	0	0	0	0	103
15:30	65	7	1	0	0	0	0	73	97	5	1	0	0	2	0	105
15:45	75	11	1	0	0	0	0	87	97	5	1	0	0	0	0	103
H/TOT	282	32	4	0	0	0	0	318	372	30	6	0	0	2	0	410
16:00	51	11	0	0	0	0	0	62	102	12	0	0	0	1	0	115
16:15	65	12	0	0	1	0	0	78	95	3	0	0	0	0	0	98
16:30	69	7	0	0	0	0	0	76	104	10	3	0	1	1	0	119
16:45	63	7	0	0	0	0	0	70	99	7	2	0	0	0	0	108
H/TOT	248	37	0	0	1	0	0	286	400	32	5	0	1	2	0	440
17:00	62	9	0	0	0	1	0	72	118	5	0	0	0	0	0	123
17:15	70	6	2	0	0	0	0	78	104	3	0	0	0	0	0	107
17:30	63	7	0	0	0	0	0	70	100	3	2	0	1	0	0	106
17:45	53	7	0	0	0	1	0	61	87	3	0	0	0	1	0	91
H/TOT	248	29	2	0	0	2	0	281	409	14	2	0	1	1	0	427
18:00	59	2	0	0	0	0	0	61	86	3	1	0	0	0	0	90
18:15	54	4	2	0	1	0	0	61	57	7	0	0	0	0	0	64
18:30	44	3	1	0	0	0	0	48	53	2	0	0	1	0	0	56
18:45	51	0	0	0	0	0	0	51	60	2	0	0	0	0	0	62
H/TOT	208	9	3	0	1	0	0	221	256	14	1	0	1	0	0	272
P/TOT	1204	128	16	0	3	2	0	1353	1698	120	20	0	5	6	0	1849

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 3

DATE: 18/11/2021

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)

DAY: THURSDAY

TIME	TO ARM B KERESFOTH HILL RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	41	9	2	0	0	0	0	52
07:15	53	11	3	0	1	0	0	68
07:30	83	8	3	0	0	0	0	94
07:45	81	13	4	1	0	0	0	99
H/TOT	258	41	12	1	1	0	0	313
08:00	77	16	1	0	1	1	0	96
08:15	88	12	4	2	0	0	1	107
08:30	94	14	1	0	0	1	0	110
08:45	96	19	5	1	1	0	0	122
H/TOT	355	61	11	3	2	2	1	435
09:00	112	12	4	0	2	0	0	130
09:15	73	12	3	2	2	0	0	92
09:30	67	14	2	1	1	1	0	86
09:45	75	9	4	1	0	0	0	89
H/TOT	327	47	13	4	5	1	0	397
P/TOT	940	149	36	8	8	3	1	1145

FROM ARM B KERESFOTH HILL RD (E)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
71	24	8	1	0	0	2	106
102	28	3	0	0	0	0	133
103	19	1	0	0	0	2	125
89	27	5	0	2	0	0	123
365	98	17	1	2	0	4	487
105	19	6	1	2	1	0	134
115	22	7	1	1	0	0	146
109	20	6	1	3	0	2	141
84	19	11	0	5	0	0	119
413	80	30	3	11	1	2	540
80	26	3	1	3	0	1	114
59	16	7	1	1	0	1	85
64	21	4	2	0	0	0	91
61	14	2	0	1	0	0	78
264	77	16	4	5	0	2	368
1042	255	63	8	18	1	8	1395

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 3

DATE: 18/11/2021

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)

DAY: THURSDAY

TIME	TO ARM B KERESFOTH HILL RD (E)								FROM ARM B KERESFOTH HILL RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	82	10	3	0	1	1	0	97	82	8	1	1	0	1	0	93
14:15	82	15	1	1	1	1	0	101	71	11	5	0	1	1	0	89
14:30	102	8	1	1	1	0	0	113	69	14	3	1	1	1	0	89
14:45	92	17	2	2	2	2	1	118	89	13	3	0	4	1	0	110
H/TOT	358	50	7	4	5	4	1	429	311	46	12	2	6	4	0	381
15:00	79	15	0	1	3	0	0	98	109	18	4	1	0	1	0	133
15:15	106	10	1	0	1	0	0	118	117	14	5	2	6	0	1	145
15:30	101	8	2	0	2	0	0	113	92	13	5	1	0	0	0	111
15:45	102	20	5	1	5	0	0	133	119	16	5	2	1	0	0	143
H/TOT	388	53	8	2	11	0	0	462	437	61	19	6	7	1	1	532
16:00	105	17	5	0	1	0	0	128	87	14	0	1	1	0	0	103
16:15	84	18	1	0	1	0	0	104	105	8	2	0	2	0	0	117
16:30	102	15	3	0	0	0	0	120	94	8	4	1	1	0	0	108
16:45	100	11	3	0	1	0	0	115	120	10	4	0	0	0	0	134
H/TOT	391	61	12	0	3	0	0	467	406	40	10	2	4	0	0	462
17:00	105	8	4	1	0	0	0	118	120	10	0	0	0	0	0	130
17:15	127	9	2	0	0	0	0	138	104	10	0	0	1	1	0	116
17:30	89	11	1	0	1	2	0	104	95	12	2	0	1	2	0	112
17:45	85	6	2	0	0	1	0	94	85	6	1	1	0	1	0	94
H/TOT	406	34	9	1	1	3	0	454	404	38	3	1	2	4	0	452
18:00	84	7	0	0	1	1	0	93	87	6	0	0	1	0	0	94
18:15	77	11	0	0	1	0	0	89	63	6	4	0	0	0	0	73
18:30	56	3	0	0	0	0	0	59	64	3	3	0	0	0	0	70
18:45	65	5	0	0	0	0	0	70	56	3	0	0	0	1	0	60
H/TOT	282	26	0	0	2	1	0	311	270	18	7	0	1	1	0	297
P/TOT	1825	224	36	7	22	8	1	2123	1828	203	51	11	20	10	1	2124

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 3

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM C KERESFORTH HALL RD								FROM ARM C KERESFORTH HALL RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	12	4	0	0	0	0	0	16	40	3	1	0	0	0	0	44
07:15	30	2	0	0	0	0	0	32	38	8	0	0	0	0	1	47
07:30	27	6	1	0	0	0	0	34	54	7	1	0	0	0	0	62
07:45	26	9	1	0	0	0	0	36	60	8	0	0	0	1	0	69
H/TOT	95	21	2	0	0	0	0	118	192	26	2	0	0	1	1	222
08:00	30	5	1	0	0	1	0	37	60	9	1	0	0	0	0	70
08:15	46	6	3	0	0	0	0	55	67	9	1	0	0	0	0	77
08:30	37	5	2	0	0	0	0	44	79	3	0	0	0	0	0	82
08:45	42	5	3	0	0	0	0	50	64	6	0	0	0	0	0	70
H/TOT	155	21	9	0	0	1	0	186	270	27	2	0	0	0	0	299
09:00	63	8	0	0	1	0	0	72	44	7	3	0	1	0	0	55
09:15	45	2	2	0	1	1	0	51	57	2	0	0	0	0	0	59
09:30	38	5	0	0	0	0	0	43	38	5	1	0	0	0	1	45
09:45	46	5	3	0	0	0	0	54	70	5	1	0	0	0	1	77
H/TOT	192	20	5	0	2	1	0	220	209	19	5	0	1	0	2	236
P/TOT	442	62	16	0	2	2	0	524	671	72	9	0	1	1	3	757

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 3

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM C KERESFORTH HALL RD								FROM ARM C KERESFORTH HALL RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	42	3	0	0	0	0	0	45	48	3	3	0	0	0	0	54
14:15	49	6	1	0	0	0	0	56	57	5	0	0	0	0	0	62
14:30	62	4	1	0	0	0	0	67	48	1	0	1	0	0	0	50
14:45	49	3	2	0	0	0	0	54	76	7	1	0	1	0	0	85
H/TOT	202	16	4	0	0	0	0	222	229	16	4	1	1	0	0	251
15:00	41	9	0	0	0	0	0	50	76	7	0	0	0	0	0	83
15:15	56	9	3	0	0	0	0	68	56	9	0	0	2	1	0	68
15:30	62	7	0	0	0	0	0	69	52	7	4	0	0	0	0	63
15:45	61	10	2	0	2	1	0	76	51	11	0	0	0	0	0	62
H/TOT	220	35	5	0	2	1	0	263	235	34	4	0	2	1	0	276
16:00	80	8	1	0	0	0	0	89	39	6	0	0	0	0	0	45
16:15	56	8	0	0	0	0	0	64	51	7	1	0	0	0	0	59
16:30	68	13	0	0	0	0	0	81	59	5	1	0	0	0	0	65
16:45	65	4	0	0	0	0	0	69	45	7	0	0	0	0	0	52
H/TOT	269	33	1	0	0	0	0	303	194	25	2	0	0	0	0	221
17:00	65	5	1	0	0	0	0	71	49	4	0	0	0	0	0	53
17:15	88	3	0	0	0	0	0	91	49	2	0	0	0	0	0	51
17:30	70	5	0	0	0	0	0	75	30	3	0	0	0	0	0	33
17:45	61	3	1	0	0	0	0	65	51	5	0	0	0	0	0	56
H/TOT	284	16	2	0	0	0	0	302	179	14	0	0	0	0	0	193
18:00	65	32	1	0	0	0	0	98	42	1	0	0	0	0	0	43
18:15	45	5	0	0	0	0	0	50	37	4	2	0	0	0	0	43
18:30	38	0	0	0	0	0	0	38	30	3	0	0	0	0	0	33
18:45	41	3	0	0	0	0	0	44	34	2	0	0	0	0	0	36
H/TOT	189	40	1	0	0	0	0	230	143	10	2	0	0	0	0	155
P/TOT	1164	140	13	0	2	1	0	1320	980	99	12	1	3	1	0	1096

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 3

DATE: 18/11/2021

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)

DAY: THURSDAY

TIME	TO ARM D KERESFOTH HILL RD (W)								FROM ARM D KERESFOTH HILL RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	118	34	8	1	0	0	2	163	57	10	2	0	0	0	2	71
07:15	150	41	2	0	0	0	0	193	91	16	4	0	1	0	0	112
07:30	165	25	2	0	0	0	2	194	143	14	3	0	0	0	0	160
07:45	161	43	4	0	2	1	0	211	154	26	5	1	1	0	0	187
H/TOT	594	143	16	1	2	1	4	761	445	66	14	1	2	0	2	530
08:00	182	30	7	1	2	2	0	224	153	20	1	0	2	2	0	178
08:15	190	31	10	2	1	0	0	234	182	19	8	2	0	0	1	212
08:30	162	31	8	1	3	0	1	206	197	22	3	0	2	1	0	225
08:45	151	25	12	0	7	0	0	195	179	22	8	1	1	0	0	211
H/TOT	685	117	37	4	13	2	1	859	711	83	20	3	5	3	1	826
09:00	140	35	5	1	4	0	1	186	179	23	3	0	5	0	0	210
09:15	116	21	8	1	1	0	0	147	126	17	5	2	2	1	0	153
09:30	94	28	5	2	0	0	0	129	106	23	3	1	1	1	0	135
09:45	112	21	5	0	1	1	0	140	122	17	8	2	0	0	0	149
H/TOT	462	105	23	4	6	1	1	602	533	80	19	5	8	2	0	647
P/TOT	1741	365	76	9	21	4	6	2222	1689	229	53	9	15	5	3	2003

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 3

DATE: 18/11/2021

LOCATION: RACECOMMON RD / KERESFOTH HILL RD (E) / KERESFORTH HALL RD / KERESFOTH HILL RD (W)

DAY: THURSDAY

TIME	TO ARM D KERESFOTH HILL RD (W)								FROM ARM D KERESFOTH HILL RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	149	15	3	1	0	1	0	169	127	11	4	0	1	1	0	144
14:15	128	18	6	0	1	2	0	155	131	24	5	1	2	1	0	164
14:30	119	18	3	2	3	1	0	146	158	10	2	1	1	0	0	172
14:45	184	20	7	0	5	1	0	217	141	21	4	2	2	2	1	173
H/TOT	580	71	19	3	9	5	0	687	557	66	15	4	6	4	1	653
15:00	212	27	5	1	0	1	0	246	133	22	0	1	3	0	0	159
15:15	193	21	5	2	8	1	1	231	160	15	3	0	1	0	0	179
15:30	181	23	9	1	0	2	0	216	168	20	2	0	2	0	0	192
15:45	203	23	3	2	1	0	0	232	174	32	5	1	7	1	0	220
H/TOT	789	94	22	6	9	4	1	925	635	89	10	2	13	1	0	750
16:00	162	23	0	1	1	1	0	188	170	27	6	0	1	0	0	204
16:15	197	11	3	0	2	0	0	213	151	31	1	0	2	0	0	185
16:30	183	16	7	1	2	1	0	210	165	28	2	0	0	0	0	195
16:45	210	19	6	0	0	0	0	235	174	17	3	0	1	0	0	195
H/TOT	752	69	16	2	5	2	0	846	660	103	12	0	4	0	0	779
17:00	211	16	0	0	0	0	0	227	156	19	5	1	0	1	0	182
17:15	173	13	0	0	1	1	0	188	201	16	4	0	0	0	0	221
17:30	172	15	4	0	2	2	0	195	169	20	1	0	1	2	0	193
17:45	165	12	1	1	0	2	0	181	141	14	3	0	0	2	0	160
H/TOT	721	56	5	1	3	5	0	791	667	69	13	1	1	5	0	756
18:00	152	9	1	0	1	0	0	163	145	40	1	0	1	1	0	188
18:15	124	11	4	0	0	0	0	139	143	14	0	0	2	0	0	159
18:30	105	6	3	0	1	0	0	115	96	4	1	0	0	0	0	101
18:45	109	7	0	0	0	1	0	117	116	8	0	0	0	0	0	124
H/TOT	490	33	8	0	2	1	0	534	500	66	2	0	3	1	0	572
P/TOT	3332	323	70	12	28	17	1	3783	3019	393	52	7	27	11	1	3510

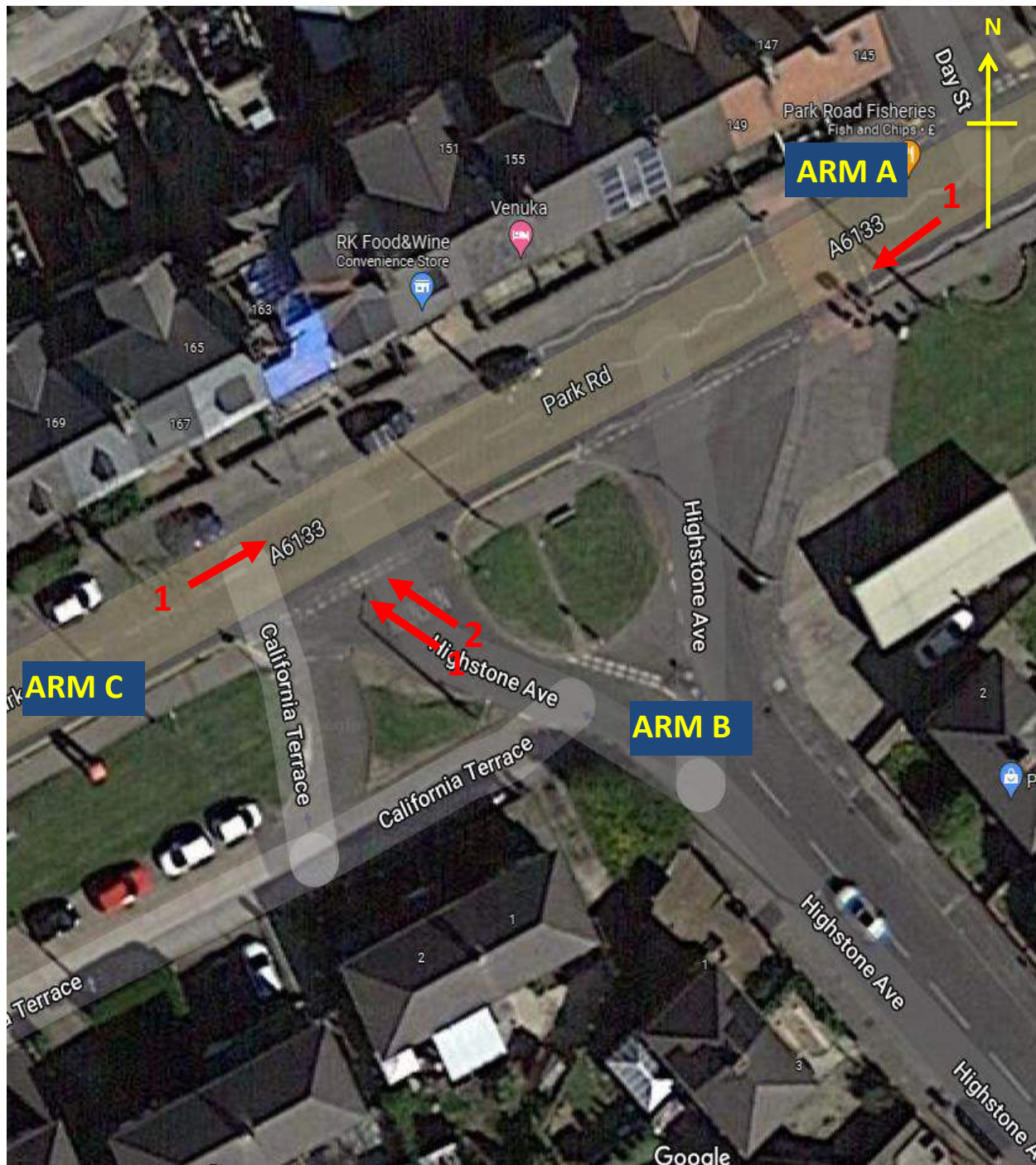
SITE: 4



DATE: 18TH NOVEMBER 2021

LOCATION: PARK RD /
HIGHSTONE AV

DAY: THURSDAY



JOB TITLE: BARNSLEY

JOB NUMBER: 10917

QUEUE LENGTHS

JOB REF: 10917



JOB NAME: BARNSELY

SITE: 4

DATE: 18/11/2021

LOCATION: PARK RD (E) / HIGHSTONE AV / PARK RD (W)

DAY: THURSDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A PARK RD (E)	ARM B HIGHSTONE AV		ARM C PARK RD (W)	TIME	ARM A PARK RD (E)	ARM B HIGHSTONE AV		ARM C PARK RD (W)
	LANE 1	LANE 1	LANE 2	LANE 1		LANE 1	LANE 1	LANE 2	LANE 1
07:00	0	0	0	0	14:00	0	0	0	0
07:05	0	0	0	0	14:05	0	0	0	0
07:10	0	0	0	0	14:10	0	0	0	0
07:15	0	0	0	0	14:15	0	0	0	0
07:20	0	0	0	0	14:20	0	0	3	0
07:25	0	0	0	0	14:25	0	0	1	0
07:30	0	0	0	0	14:30	0	0	0	0
07:35	0	0	0	0	14:35	0	0	0	0
07:40	0	0	1	0	14:40	0	0	0	0
07:45	0	0	0	0	14:45	0	0	0	0
07:50	0	0	1	0	14:50	0	0	0	0
07:55	0	0	0	0	14:55	0	0	0	0
08:00	1	1	0	0	15:00	0	3	0	0
08:05	0	0	0	0	15:05	0	0	0	0
08:10	0	0	0	0	15:10	0	0	1	0
08:15	0	0	0	0	15:15	0	0	0	0
08:20	0	0	1	0	15:20	0	1	0	0
08:25	0	3	1	0	15:25	0	0	1	0
08:30	0	0	0	0	15:30	0	0	0	0
08:35	0	0	0	0	15:35	0	0	0	2
08:40	0	1	1	0	15:40	0	0	0	0
08:45	0	2	0	0	15:45	0	0	1	0
08:50	0	0	0	0	15:50	0	0	2	4
08:55	0	0	0	0	15:55	0	0	0	0
09:00	0	0	0	0	16:00	0	0	0	0

QUEUE LENGTHS

JOB REF: 10917



JOB NAME: BARNSELEY

SITE: 4

DATE: 18/11/2021

LOCATION: PARK RD (E) / HIGHSTONE AV / PARK RD (W)

DAY: THURSDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A PARK RD (E)	ARM B HIGHSTONE AV		ARM C PARK RD (W)	TIME	ARM A PARK RD (E)	ARM B HIGHSTONE AV		ARM C PARK RD (W)
	LANE 1	LANE 1	LANE 2	LANE 1		LANE 1	LANE 1	LANE 2	LANE 1
09:05	0	1	0	0	16:05	0	1	1	0
09:10	0	0	0	0	16:10	0	0	0	0
09:15	0	0	0	0	16:15	0	0	0	0
09:20	0	0	0	0	16:20	0	1	0	0
09:25	0	0	1	0	16:25	0	0	0	0
09:30	0	0	1	0	16:30	0	0	0	0
09:35	0	0	1	0	16:35	0	0	6	0
09:40	0	0	0	0	16:40	0	0	0	0
09:45	0	0	0	0	16:45	0	1	0	0
09:50	0	0	0	2	16:50	1	0	0	0
09:55	0	0	0	0	16:55	0	0	2	0
					17:00	0	0	1	0

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 4

LOCATION: PARK RD (E) / HIGHSTONE AV / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	A TO B							
	FROM PARK RD (E) TO HIGHSTONE AV							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	3	0	0	0	0	0	0	3
07:15	7	0	0	0	0	0	0	7
07:30	4	1	0	0	0	0	0	5
07:45	6	2	0	0	0	0	0	8
H/TOT	20	3	0	0	0	0	0	23
08:00	5	2	0	0	0	0	0	7
08:15	8	1	0	0	0	0	0	9
08:30	10	2	2	0	0	0	0	14
08:45	4	1	0	0	0	0	0	5
H/TOT	27	6	2	0	0	0	0	35
09:00	3	1	0	0	0	0	0	4
09:15	9	1	0	0	0	0	0	10
09:30	8	4	0	0	0	0	0	12
09:45	13	1	0	0	0	0	0	14
H/TOT	33	7	0	0	0	0	0	40
P/TOT	80	16	2	0	0	0	0	98

A TO C							
FROM PARK RD (E) TO PARK RD (W)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
56	21	5	2	0	0	1	85
74	30	3	0	0	0	0	107
75	19	3	0	0	0	0	97
71	27	2	1	2	0	0	103
276	97	13	3	2	0	1	392
86	17	6	1	2	1	0	113
88	17	8	1	0	0	0	114
90	21	4	1	2	1	0	119
78	14	8	0	5	0	0	105
342	69	26	3	9	2	0	451
65	26	4	0	0	0	1	96
55	14	5	1	0	0	0	75
43	21	4	3	0	0	0	71
52	12	2	0	0	0	0	66
215	73	15	4	0	0	1	308
833	239	54	10	11	2	2	1151

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 4

LOCATION: PARK RD (E) / HIGHSTONE AV / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	A TO B FROM PARK RD (E) TO HIGHSTONE AV							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	11	2	0	0	0	0	0	13
14:15	14	0	1	0	0	0	0	15
14:30	14	2	0	0	0	0	0	16
14:45	10	5	0	0	0	0	0	15
H/TOT	49	9	1	0	0	0	0	59
15:00	10	2	0	0	0	0	0	12
15:15	10	1	0	0	0	0	0	11
15:30	11	2	1	0	0	0	0	14
15:45	9	1	0	0	0	0	0	10
H/TOT	40	6	1	0	0	0	0	47
16:00	17	0	1	0	0	0	1	19
16:15	19	0	0	0	0	0	0	19
16:30	17	3	0	0	0	0	0	20
16:45	19	3	1	0	0	0	0	23
H/TOT	72	6	2	0	0	0	1	81
17:00	29	3	0	0	0	0	0	32
17:15	16	1	0	0	0	0	0	17
17:30	11	2	0	0	0	0	0	13
17:45	20	1	0	0	0	0	0	21
H/TOT	76	7	0	0	0	0	0	83
18:00	16	4	0	0	0	0	0	20
18:15	19	2	0	0	0	0	0	21
18:30	6	0	0	0	0	0	0	6
18:45	15	1	0	0	0	0	0	16
H/TOT	56	7	0	0	0	0	0	63
P/TOT	293	35	4	0	0	0	1	333

A TO C FROM PARK RD (E) TO PARK RD (W)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
67	10	1	2	0	0	0	80
70	9	2	0	0	0	0	81
77	11	3	1	1	2	0	95
84	15	3	0	2	0	0	104
298	45	9	3	3	2	0	360
100	14	4	1	0	1	0	120
98	13	5	4	3	1	1	125
94	14	3	0	0	0	1	112
90	11	3	2	0	0	0	106
382	52	15	7	3	2	2	463
70	12	2	1	1	0	0	86
94	12	2	0	1	0	0	109
80	15	3	1	0	0	0	99
98	12	3	0	1	1	0	115
342	51	10	2	3	1	0	409
97	16	0	0	0	0	0	113
86	8	1	0	0	2	0	97
81	15	2	0	0	0	0	98
81	7	1	1	0	0	0	90
345	46	4	1	0	2	0	398
82	11	1	0	0	0	0	94
62	1	4	0	0	0	0	67
53	7	2	0	0	0	0	62
47	2	0	0	0	0	0	49
244	21	7	0	0	0	0	272
1611	215	45	13	9	7	2	1902

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 4

LOCATION: PARK RD (E) / HIGHSTONE AV / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	B TO A							
	FROM HIGHSTONE AV TO PARK RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	7	2	1	0	0	0	0	10
07:15	7	2	0	0	0	0	0	9
07:30	12	3	1	0	0	0	0	16
07:45	8	4	0	0	0	0	0	12
H/TOT	34	11	2	0	0	0	0	47
08:00	9	4	0	0	0	0	0	13
08:15	9	5	0	0	0	0	0	14
08:30	13	4	1	0	0	0	0	18
08:45	14	4	0	0	0	0	0	18
H/TOT	45	17	1	0	0	0	0	63
09:00	5	0	0	0	0	0	0	5
09:15	7	1	0	0	0	0	0	8
09:30	10	0	0	0	0	0	0	10
09:45	10	2	0	0	0	0	0	12
H/TOT	32	3	0	0	0	0	0	35
P/TOT	111	31	3	0	0	0	0	145

	B TO C							
	FROM HIGHSTONE AV TO PARK RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
8	1	2	0	0	0	0	0	11
11	1	1	0	0	0	0	0	13
14	3	0	0	0	0	0	0	17
21	2	0	0	0	0	0	0	23
54	7	3	0	0	0	0	0	64
33	2	0	0	1	0	0	0	36
29	1	0	0	0	0	0	0	30
26	2	2	0	0	0	0	0	30
19	5	1	0	2	0	0	0	27
107	10	3	0	3	0	0	0	123
13	3	0	0	2	0	0	0	18
9	5	0	0	1	0	0	0	15
11	2	0	0	0	0	0	0	13
12	1	0	0	1	0	0	0	14
45	11	0	0	4	0	0	0	60
206	28	6	0	7	0	0	0	247

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 4

LOCATION: PARK RD (E) / HIGHSTONE AV / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	B TO A							
	FROM HIGHSTONE AV TO PARK RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	9	4	0	0	0	0	0	13
14:15	12	4	0	0	0	0	0	16
14:30	7	0	0	0	0	0	0	7
14:45	7	0	1	0	0	0	0	8
H/TOT	35	8	1	0	0	0	0	44
15:00	10	2	0	0	0	0	0	12
15:15	10	2	0	0	0	0	0	12
15:30	14	2	0	0	0	0	0	16
15:45	12	3	0	0	0	0	0	15
H/TOT	46	9	0	0	0	0	0	55
16:00	17	1	1	0	0	0	0	19
16:15	9	0	0	0	0	0	0	9
16:30	19	3	0	0	0	0	0	22
16:45	14	0	0	0	0	0	0	14
H/TOT	59	4	1	0	0	0	0	64
17:00	14	4	0	0	0	0	0	18
17:15	10	0	0	0	0	1	0	11
17:30	11	0	0	0	0	0	0	11
17:45	14	1	0	0	0	0	0	15
H/TOT	49	5	0	0	0	1	0	55
18:00	7	3	0	0	0	1	0	11
18:15	13	2	0	0	0	0	0	15
18:30	18	1	0	0	0	0	0	19
18:45	13	3	0	0	0	0	0	16
H/TOT	51	9	0	0	0	1	0	61
P/TOT	240	35	2	0	0	2	0	279

	B TO C							
	FROM HIGHSTONE AV TO PARK RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14	3	0	0	0	0	1	0	18
9	0	2	0	0	1	1	0	13
10	4	0	0	0	0	0	0	14
16	0	2	0	0	1	0	0	19
49	7	4	0	0	2	2	0	64
24	3	0	0	0	0	0	0	27
17	1	0	0	0	3	0	0	21
18	2	0	0	0	1	0	0	21
20	1	1	0	0	1	0	0	23
79	7	1	0	0	5	0	0	92
18	2	0	0	0	0	0	1	21
19	3	1	0	0	0	0	0	23
12	2	0	0	0	1	0	0	15
24	6	1	0	0	0	0	0	31
73	13	2	0	0	1	0	1	90
21	3	0	0	0	1	0	0	25
19	4	0	0	0	0	1	0	24
17	1	0	0	0	1	0	0	19
12	0	0	0	0	0	0	0	12
69	8	0	0	0	2	1	0	80
23	2	0	0	0	1	0	0	26
10	2	0	0	0	0	0	0	12
14	2	0	0	0	0	0	0	16
7	1	0	0	0	1	0	0	9
54	7	0	0	0	2	0	0	63
324	42	7	0	0	12	3	1	389

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 4

LOCATION: PARK RD (E) / HIGHSTONE AV / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	C TO A FROM PARK RD (W) TO PARK RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	48	10	1	0	0	0	0	59
07:15	51	8	5	0	0	0	0	64
07:30	76	14	3	0	0	0	0	93
07:45	74	12	3	0	0	0	0	89
H/TOT	249	44	12	0	0	0	0	305
08:00	77	19	2	0	0	1	0	99
08:15	80	10	4	2	0	0	0	96
08:30	81	15	1	0	0	0	0	97
08:45	94	14	1	1	0	0	0	110
H/TOT	332	58	8	3	0	1	0	402
09:00	122	15	5	0	0	0	0	142
09:15	76	12	3	2	3	0	0	96
09:30	54	14	2	1	0	0	0	71
09:45	68	9	2	1	0	0	0	80
H/TOT	320	50	12	4	3	0	0	389
P/TOT	901	152	32	7	3	1	0	1096

	C TO B FROM PARK RD (W) TO HIGHSTONE AV							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
3	0	1	0	0	0	0	0	4
2	0	0	0	0	0	0	0	2
3	1	1	0	1	0	0	0	6
4	0	0	0	0	0	0	0	4
12	1	2	0	1	0	0	0	16
14	1	0	0	1	0	1	1	17
24	0	0	0	0	0	0	0	24
17	2	0	0	0	0	0	0	19
5	2	2	0	1	0	0	0	10
60	5	2	0	2	0	1	0	70
12	0	0	0	1	0	0	0	13
8	0	0	0	1	0	0	0	9
7	2	0	0	0	0	0	0	9
7	4	0	0	1	0	0	0	12
34	6	0	0	3	0	0	0	43
106	12	4	0	6	0	1	0	129

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 4

LOCATION: PARK RD (E) / HIGHSTONE AV / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	C TO A FROM PARK RD (W) TO PARK RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	76	8	2	0	0	1	0	87
14:15	77	12	2	1	1	1	0	94
14:30	100	7	1	1	1	0	0	110
14:45	84	17	2	2	1	0	0	106
H/TOT	337	44	7	4	3	2	0	397
15:00	73	16	0	1	3	1	0	94
15:15	89	7	2	0	0	1	0	99
15:30	111	9	1	0	2	0	0	123
15:45	93	18	3	1	4	0	0	119
H/TOT	366	50	6	2	9	2	0	435
16:00	112	15	5	0	0	0	0	132
16:15	80	17	1	0	0	0	0	98
16:30	83	13	2	0	0	0	0	98
16:45	87	12	2	0	0	1	0	102
H/TOT	362	57	10	0	0	1	0	430
17:00	87	8	2	1	0	0	0	98
17:15	112	8	2	0	0	0	0	122
17:30	77	3	1	0	0	1	1	83
17:45	75	7	2	0	0	1	0	85
H/TOT	351	26	7	1	0	2	1	388
18:00	69	10	0	0	0	1	0	80
18:15	72	10	0	0	0	0	0	82
18:30	48	5	0	0	0	0	0	53
18:45	56	1	0	0	0	0	0	57
H/TOT	245	26	0	0	0	1	0	272
P/TOT	1661	203	30	7	12	8	1	1922

	C TO B FROM PARK RD (W) TO HIGHSTONE AV							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15	4	0	0	1	0	0	0	20
13	2	0	0	0	0	0	0	15
11	2	0	0	0	0	0	0	13
12	1	0	0	1	0	0	0	14
51	9	0	0	2	0	0	0	62
24	2	0	0	1	0	0	0	27
16	3	0	0	0	0	0	0	19
14	3	0	0	0	0	0	0	17
20	3	1	0	1	0	0	0	25
74	11	1	0	2	0	0	0	88
16	3	0	0	1	0	0	0	20
11	1	0	0	0	0	0	0	12
16	3	0	0	1	0	0	0	20
15	1	0	0	0	0	0	0	16
58	8	0	0	2	0	0	0	68
24	5	2	0	1	0	0	0	32
18	1	0	0	0	0	0	0	19
25	2	0	0	1	0	0	0	28
15	1	0	0	0	1	0	0	17
82	9	2	0	2	1	0	0	96
13	0	0	0	1	0	0	0	14
15	1	0	0	1	0	0	0	17
15	3	0	0	0	0	0	0	18
8	2	0	0	0	0	0	0	10
51	6	0	0	2	0	0	0	59
316	43	3	0	10	1	0	0	373

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 4

LOCATION: PARK RD (E) / HIGHSTONE AV / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM A PARK RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	55	12	2	0	0	0	0	69
07:15	58	10	5	0	0	0	0	73
07:30	88	17	4	0	0	0	0	109
07:45	82	16	3	0	0	0	0	101
H/TOT	283	55	14	0	0	0	0	352
08:00	86	23	2	0	0	1	0	112
08:15	89	15	4	2	0	0	0	110
08:30	94	19	2	0	0	0	0	115
08:45	108	18	1	1	0	0	0	128
H/TOT	377	75	9	3	0	1	0	465
09:00	127	15	5	0	0	0	0	147
09:15	83	13	3	2	3	0	0	104
09:30	64	14	2	1	0	0	0	81
09:45	78	11	2	1	0	0	0	92
H/TOT	352	53	12	4	3	0	0	424
P/TOT	1012	183	35	7	3	1	0	1241

FROM ARM A PARK RD (E)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
59	21	5	2	0	0	1	88
81	30	3	0	0	0	0	114
79	20	3	0	0	0	0	102
77	29	2	1	2	0	0	111
296	100	13	3	2	0	1	415
91	19	6	1	2	1	0	120
96	18	8	1	0	0	0	123
100	23	6	1	2	1	0	133
82	15	8	0	5	0	0	110
369	75	28	3	9	2	0	486
68	27	4	0	0	0	1	100
64	15	5	1	0	0	0	85
51	25	4	3	0	0	0	83
65	13	2	0	0	0	0	80
248	80	15	4	0	0	1	348
913	255	56	10	11	2	2	1249

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 4

LOCATION: PARK RD (E) / HIGHSTONE AV / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM A PARK RD (E)								FROM ARM A PARK RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	85	12	2	0	0	1	0	100	78	12	1	2	0	0	0	93
14:15	89	16	2	1	1	1	0	110	84	9	3	0	0	0	0	96
14:30	107	7	1	1	1	0	0	117	91	13	3	1	1	2	0	111
14:45	91	17	3	2	1	0	0	114	94	20	3	0	2	0	0	119
H/TOT	372	52	8	4	3	2	0	441	347	54	10	3	3	2	0	419
15:00	83	18	0	1	3	1	0	106	110	16	4	1	0	1	0	132
15:15	99	9	2	0	0	1	0	111	108	14	5	4	3	1	1	136
15:30	125	11	1	0	2	0	0	139	105	16	4	0	0	0	1	126
15:45	105	21	3	1	4	0	0	134	99	12	3	2	0	0	0	116
H/TOT	412	59	6	2	9	2	0	490	422	58	16	7	3	2	2	510
16:00	129	16	6	0	0	0	0	151	87	12	3	1	1	0	1	105
16:15	89	17	1	0	0	0	0	107	113	12	2	0	1	0	0	128
16:30	102	16	2	0	0	0	0	120	97	18	3	1	0	0	0	119
16:45	101	12	2	0	0	1	0	116	117	15	4	0	1	1	0	138
H/TOT	421	61	11	0	0	1	0	494	414	57	12	2	3	1	1	490
17:00	101	12	2	1	0	0	0	116	126	19	0	0	0	0	0	145
17:15	122	8	2	0	0	1	0	133	102	9	1	0	0	2	0	114
17:30	88	3	1	0	0	1	1	94	92	17	2	0	0	0	0	111
17:45	89	8	2	0	0	1	0	100	101	8	1	1	0	0	0	111
H/TOT	400	31	7	1	0	3	1	443	421	53	4	1	0	2	0	481
18:00	76	13	0	0	0	2	0	91	98	15	1	0	0	0	0	114
18:15	85	12	0	0	0	0	0	97	81	3	4	0	0	0	0	88
18:30	66	6	0	0	0	0	0	72	59	7	2	0	0	0	0	68
18:45	69	4	0	0	0	0	0	73	62	3	0	0	0	0	0	65
H/TOT	296	35	0	0	0	2	0	333	300	28	7	0	0	0	0	335
P/TOT	1901	238	32	7	12	10	1	2201	1904	250	49	13	9	7	3	2235

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 4

LOCATION: PARK RD (E) / HIGHSTONE AV / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM B HIGHSTONE AV							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	6	0	1	0	0	0	0	7
07:15	9	0	0	0	0	0	0	9
07:30	7	2	1	0	1	0	0	11
07:45	10	2	0	0	0	0	0	12
H/TOT	32	4	2	0	1	0	0	39
08:00	19	3	0	0	1	0	1	24
08:15	32	1	0	0	0	0	0	33
08:30	27	4	2	0	0	0	0	33
08:45	9	3	2	0	1	0	0	15
H/TOT	87	11	4	0	2	0	1	105
09:00	15	1	0	0	1	0	0	17
09:15	17	1	0	0	1	0	0	19
09:30	15	6	0	0	0	0	0	21
09:45	20	5	0	0	1	0	0	26
H/TOT	67	13	0	0	3	0	0	83
P/TOT	186	28	6	0	6	0	1	227

FROM ARM B HIGHSTONE AV							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15	3	3	0	0	0	0	21
18	3	1	0	0	0	0	22
26	6	1	0	0	0	0	33
29	6	0	0	0	0	0	35
88	18	5	0	0	0	0	111
42	6	0	0	1	0	0	49
38	6	0	0	0	0	0	44
39	6	3	0	0	0	0	48
33	9	1	0	2	0	0	45
152	27	4	0	3	0	0	186
18	3	0	0	2	0	0	23
16	6	0	0	1	0	0	23
21	2	0	0	0	0	0	23
22	3	0	0	1	0	0	26
77	14	0	0	4	0	0	95
317	59	9	0	7	0	0	392

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 4

LOCATION: PARK RD (E) / HIGHSTONE AV / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM B HIGHSTONE AV								FROM ARM B HIGHSTONE AV							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	26	6	0	0	1	0	0	33	23	7	0	0	0	1	0	31
14:15	27	2	1	0	0	0	0	30	21	4	2	0	1	1	0	29
14:30	25	4	0	0	0	0	0	29	17	4	0	0	0	0	0	21
14:45	22	6	0	0	1	0	0	29	23	0	3	0	1	0	0	27
H/TOT	100	18	1	0	2	0	0	121	84	15	5	0	2	2	0	108
15:00	34	4	0	0	1	0	0	39	34	5	0	0	0	0	0	39
15:15	26	4	0	0	0	0	0	30	27	3	0	0	3	0	0	33
15:30	25	5	1	0	0	0	0	31	32	4	0	0	1	0	0	37
15:45	29	4	1	0	1	0	0	35	32	4	1	0	1	0	0	38
H/TOT	114	17	2	0	2	0	0	135	125	16	1	0	5	0	0	147
16:00	33	3	1	0	1	0	1	39	35	3	1	0	0	0	1	40
16:15	30	1	0	0	0	0	0	31	28	3	1	0	0	0	0	32
16:30	33	6	0	0	1	0	0	40	31	5	0	0	1	0	0	37
16:45	34	4	1	0	0	0	0	39	38	6	1	0	0	0	0	45
H/TOT	130	14	2	0	2	0	1	149	132	17	3	0	1	0	1	154
17:00	53	8	2	0	1	0	0	64	35	7	0	0	1	0	0	43
17:15	34	2	0	0	0	0	0	36	29	4	0	0	0	2	0	35
17:30	36	4	0	0	1	0	0	41	28	1	0	0	1	0	0	30
17:45	35	2	0	0	0	1	0	38	26	1	0	0	0	0	0	27
H/TOT	158	16	2	0	2	1	0	179	118	13	0	0	2	2	0	135
18:00	29	4	0	0	1	0	0	34	30	5	0	0	1	1	0	37
18:15	34	3	0	0	1	0	0	38	23	4	0	0	0	0	0	27
18:30	21	3	0	0	0	0	0	24	32	3	0	0	0	0	0	35
18:45	23	3	0	0	0	0	0	26	20	4	0	0	1	0	0	25
H/TOT	107	13	0	0	2	0	0	122	105	16	0	0	2	1	0	124
P/TOT	609	78	7	0	10	1	1	706	564	77	9	0	12	5	1	668

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 4

LOCATION: PARK RD (E) / HIGHSTONE AV / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM C PARK RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	64	22	7	2	0	0	1	96
07:15	85	31	4	0	0	0	0	120
07:30	89	22	3	0	0	0	0	114
07:45	92	29	2	1	2	0	0	126
H/TOT	330	104	16	3	2	0	1	456
08:00	119	19	6	1	3	1	0	149
08:15	117	18	8	1	0	0	0	144
08:30	116	23	6	1	2	1	0	149
08:45	97	19	9	0	7	0	0	132
H/TOT	449	79	29	3	12	2	0	574
09:00	78	29	4	0	2	0	1	114
09:15	64	19	5	1	1	0	0	90
09:30	54	23	4	3	0	0	0	84
09:45	64	13	2	0	1	0	0	80
H/TOT	260	84	15	4	4	0	1	368
P/TOT	1039	267	60	10	18	2	2	1398

FROM ARM C PARK RD (W)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
51	10	2	0	0	0	0	63
53	8	5	0	0	0	0	66
79	15	4	0	1	0	0	99
78	12	3	0	0	0	0	93
261	45	14	0	1	0	0	321
91	20	2	0	1	1	1	116
104	10	4	2	0	0	0	120
98	17	1	0	0	0	0	116
99	16	3	1	1	0	0	120
392	63	10	3	2	1	1	472
134	15	5	0	1	0	0	155
84	12	3	2	4	0	0	105
61	16	2	1	0	0	0	80
75	13	2	1	1	0	0	92
354	56	12	4	6	0	0	432
1007	164	36	7	9	1	1	1225

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 4

LOCATION: PARK RD (E) / HIGHSTONE AV / PARK RD (W)

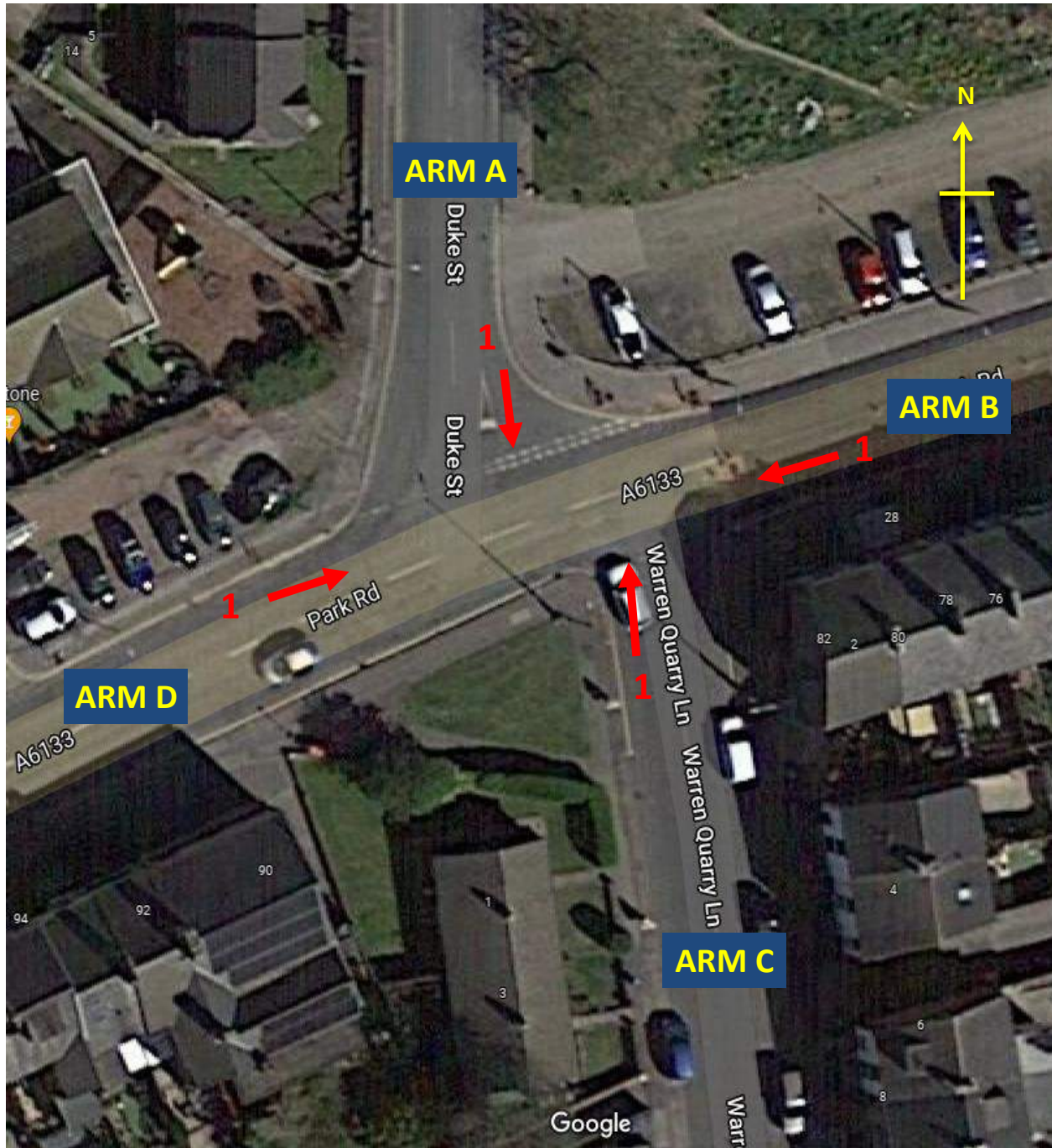


DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM C PARK RD (W)								FROM ARM C PARK RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	81	13	1	2	0	1	0	98	91	12	2	0	1	1	0	107
14:15	79	9	4	0	1	1	0	94	90	14	2	1	1	1	0	109
14:30	87	15	3	1	1	2	0	109	111	9	1	1	1	0	0	123
14:45	100	15	5	0	3	0	0	123	96	18	2	2	2	0	0	120
H/TOT	347	52	13	3	5	4	0	424	388	53	7	4	5	2	0	459
15:00	124	17	4	1	0	1	0	147	97	18	0	1	4	1	0	121
15:15	115	14	5	4	6	1	1	146	105	10	2	0	0	1	0	118
15:30	112	16	3	0	1	0	1	133	125	12	1	0	2	0	0	140
15:45	110	12	4	2	1	0	0	129	113	21	4	1	5	0	0	144
H/TOT	461	59	16	7	8	2	2	555	440	61	7	2	11	2	0	523
16:00	88	14	2	1	1	0	1	107	128	18	5	0	1	0	0	152
16:15	113	15	3	0	1	0	0	132	91	18	1	0	0	0	0	110
16:30	92	17	3	1	1	0	0	114	99	16	2	0	1	0	0	118
16:45	122	18	4	0	1	1	0	146	102	13	2	0	0	1	0	118
H/TOT	415	64	12	2	4	1	1	499	420	65	10	0	2	1	0	498
17:00	118	19	0	0	1	0	0	138	111	13	4	1	1	0	0	130
17:15	105	12	1	0	0	3	0	121	130	9	2	0	0	0	0	141
17:30	98	16	2	0	1	0	0	117	102	5	1	0	1	1	1	111
17:45	93	7	1	1	0	0	0	102	90	8	2	0	0	2	0	102
H/TOT	414	54	4	1	2	3	0	478	433	35	9	1	2	3	1	484
18:00	105	13	1	0	1	0	0	120	82	10	0	0	1	1	0	94
18:15	72	3	4	0	0	0	0	79	87	11	0	0	1	0	0	99
18:30	67	9	2	0	0	0	0	78	63	8	0	0	0	0	0	71
18:45	54	3	0	0	1	0	0	58	64	3	0	0	0	0	0	67
H/TOT	298	28	7	0	2	0	0	335	296	32	0	0	2	1	0	331
P/TOT	1935	257	52	13	21	10	3	2291	1977	246	33	7	22	9	1	2295

SITE: 5		DATE: 18TH NOVEMBER 2021
LOCATION: DUKE ST / PARK RD / WARREN QUARRY LN		DAY: THURSDAY



JOB TITLE: BARNSLEY	JOB NUMBER: 10917
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QUEUE LENGTHS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5



DATE: 18/11/2021

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)

DAY: THURSDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A DUKE ST	ARM B PARK RD (E)	ARM C WARREN QUARRY LN	ARM D PARK RD (W)	TIME	ARM A DUKE ST	ARM B PARK RD (E)	ARM C WARREN QUARRY LN	ARM D PARK RD (W)
	LANE 1	LANE 1	LANE 1	LANE 1		LANE 1	LANE 1	LANE 1	LANE 1
07:00	0	0	0	0	14:00	0	0	0	0
07:05	0	0	0	0	14:05	1	0	0	0
07:10	0	0	0	0	14:10	2	0	0	0
07:15	0	0	0	0	14:15	0	0	0	0
07:20	0	0	0	0	14:20	0	0	0	0
07:25	1	0	0	0	14:25	0	1	0	0
07:30	0	0	0	0	14:30	0	0	0	0
07:35	0	0	0	0	14:35	3	0	2	0
07:40	0	0	0	0	14:40	0	0	0	0
07:45	0	0	0	0	14:45	0	0	0	0
07:50	0	0	1	0	14:50	1	0	0	0
07:55	2	0	0	0	14:55	3	0	0	0
08:00	0	0	0	0	15:00	0	0	0	0
08:05	0	0	0	0	15:05	4	0	0	0
08:10	0	0	0	0	15:10	1	0	0	0
08:15	4	0	0	0	15:15	7	0	0	0
08:20	0	0	0	0	15:20	6	0	1	0
08:25	0	0	1	0	15:25	1	0	1	0
08:30	0	0	1	0	15:30	1	2	1	0
08:35	0	0	1	0	15:35	4	0	1	0
08:40	1	0	2	0	15:40	4	0	1	0
08:45	0	0	5	0	15:45	3	0	0	0
08:50	0	0	0	0	15:50	5	0	1	0
08:55	2	0	2	0	15:55	3	0	1	0
09:00	4	0	2	0	16:00	0	0	0	0

QUEUE LENGTHS

JOB REF: 10917

JOB NAME: BARNSELY

SITE: 5



DATE: 18/11/2021

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)

DAY: THURSDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A DUKE ST	ARM B PARK RD (E)	ARM C WARREN QUARRY LN	ARM D PARK RD (W)	TIME	ARM A DUKE ST	ARM B PARK RD (E)	ARM C WARREN QUARRY LN	ARM D PARK RD (W)
	LANE 1	LANE 1	LANE 1	LANE 1		LANE 1	LANE 1	LANE 1	LANE 1
09:05	0	0	2	0	16:05	1	0	1	0
09:10	0	0	1	0	16:10	5	0	1	0
09:15	0	0	0	0	16:15	1	0	0	0
09:20	1	0	1	0	16:20	10	0	0	0
09:25	0	0	0	0	16:25	0	0	1	0
09:30	0	0	0	0	16:30	3	0	0	0
09:35	0	0	0	0	16:35	0	0	0	0
09:40	1	0	0	0	16:40	3	1	1	0
09:45	0	0	0	0	16:45	7	0	0	0
09:50	0	0	0	0	16:50	1	0	0	0
09:55	2	0	3	0	16:55	2	0	0	4
					17:00	2	0	0	0
					17:05	1	0	0	0
					17:10	7	0	1	0
					17:15	3	0	0	0
					17:20	1	0	0	0
					17:25	2	0	1	0
					17:30	2	0	0	0
					17:35	3	0	0	2
					17:40	2	0	0	0
					17:45	2	0	0	0
					17:50	2	0	0	0
					17:55	0	0	0	0
					18:00	1	0	0	0
					18:05	3	0	0	2
					18:10	0	0	0	0
					18:15	0	0	0	0
					18:20	1	0	0	0
					18:25	1	0	0	0
					18:30	1	0	0	0
					18:35	0	0	0	0
					18:40	1	0	1	0
					18:45	0	0	0	0
					18:50	0	0	0	0
					18:55	0	0	0	0

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	A TO B FROM DUKE ST TO PARK RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0
07:15	1	0	0	0	0	0	0	1
07:30	5	1	0	0	0	0	0	6
07:45	6	2	1	0	0	0	0	9
H/TOT	12	3	1	0	0	0	0	16
08:00	3	1	0	0	0	0	0	4
08:15	9	0	0	0	0	0	0	9
08:30	8	1	0	0	0	0	0	9
08:45	12	2	0	0	0	0	0	14
H/TOT	32	4	0	0	0	0	0	36
09:00	8	3	0	0	0	0	0	11
09:15	18	1	2	0	0	0	0	21
09:30	15	0	0	0	0	0	0	15
09:45	17	1	0	0	0	0	0	18
H/TOT	58	5	2	0	0	0	0	65
P/TOT	102	12	3	0	0	0	0	117

A TO C FROM DUKE ST TO WARREN QUARRY LN							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
2	2	1	0	0	0	0	5
1	1	1	0	0	0	0	3
5	1	0	0	0	0	0	6
4	2	1	0	1	0	0	8
12	6	3	0	1	0	0	22
4	0	0	0	0	0	0	4
11	0	0	0	0	0	0	11
10	0	0	0	1	0	0	11
7	0	0	0	0	0	0	7
32	0	0	0	1	0	0	33
11	0	0	0	0	0	0	11
8	0	0	0	1	0	0	9
11	1	0	0	0	0	0	12
12	0	0	0	1	0	0	13
42	1	0	0	2	0	0	45
86	7	3	0	4	0	0	100

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	A TO B FROM DUKE ST TO PARK RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	15	2	0	0	0	0	0	17
14:15	23	0	0	0	0	0	0	23
14:30	15	1	0	0	0	0	0	16
14:45	15	2	0	0	0	0	0	17
H/TOT	68	5	0	0	0	0	0	73
15:00	15	2	0	0	0	0	0	17
15:15	24	3	0	0	0	0	0	27
15:30	16	3	0	0	0	1	0	20
15:45	25	1	0	0	0	0	0	26
H/TOT	80	9	0	0	0	1	0	90
16:00	18	2	0	0	0	0	0	20
16:15	34	0	0	0	0	0	0	34
16:30	25	1	0	0	0	0	0	26
16:45	14	3	0	0	0	0	1	18
H/TOT	91	6	0	0	0	0	1	98
17:00	20	1	0	0	0	0	0	21
17:15	12	1	0	0	0	0	0	13
17:30	15	1	0	0	0	0	0	16
17:45	14	1	0	0	0	0	0	15
H/TOT	61	4	0	0	0	0	0	65
18:00	13	1	0	0	0	0	0	14
18:15	15	0	1	0	0	1	0	17
18:30	14	1	0	0	0	0	0	15
18:45	8	0	0	0	0	0	0	8
H/TOT	50	2	1	0	0	1	0	54
P/TOT	350	26	1	0	0	2	1	380

	A TO C FROM DUKE ST TO WARREN QUARRY LN							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14	1	0	0	0	0	0	0	15
13	0	1	0	0	1	0	0	15
12	1	0	0	0	0	0	0	13
22	0	0	0	0	1	1	0	24
61	2	1	0	0	2	1	0	67
25	1	0	0	0	0	1	0	27
18	2	0	0	0	1	0	0	21
21	1	0	0	0	0	0	0	22
15	4	0	0	0	1	0	0	20
79	8	0	0	0	2	1	0	90
14	3	0	0	0	0	0	0	17
15	4	0	0	0	0	0	0	19
16	3	0	0	0	1	0	0	20
20	5	0	0	0	0	0	0	25
65	15	0	0	0	1	0	0	81
20	2	1	0	0	1	0	0	24
18	4	1	0	0	1	0	0	24
19	0	1	0	0	0	0	0	20
20	0	1	0	0	0	0	0	21
77	6	4	0	0	2	0	0	89
14	3	0	0	0	1	0	1	19
15	1	0	0	0	0	0	0	16
16	2	0	0	0	1	0	0	19
13	1	0	0	0	0	0	0	14
58	7	0	0	0	2	0	1	68
340	38	5	0	0	9	2	1	395

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

DATE: 18/11/2021

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)

DAY: THURSDAY

TIME	A TO D							
	FROM DUKE ST TO PARK RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	9	3	0	0	0	0	0	12
07:15	10	3	0	0	0	0	0	13
07:30	10	2	1	0	0	0	0	13
07:45	13	9	1	0	0	0	0	23
H/TOT	42	17	2	0	0	0	0	61
08:00	13	3	0	0	0	0	0	16
08:15	14	6	3	0	0	0	0	23
08:30	15	6	0	0	0	0	0	21
08:45	8	4	1	0	1	0	0	14
H/TOT	50	19	4	0	1	0	0	74
09:00	13	3	0	0	0	0	0	16
09:15	9	0	0	1	0	0	0	10
09:30	9	5	0	0	0	0	0	14
09:45	15	2	0	0	0	0	0	17
H/TOT	46	10	0	1	0	0	0	57
P/TOT	138	46	6	1	1	0	0	192

	B TO A							
	FROM PARK RD (E) TO DUKE ST							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
3	0	0	0	0	0	0	0	3
7	0	0	0	0	0	0	0	7
6	1	0	0	0	0	0	0	7
10	1	0	0	0	0	0	0	11
26	2	0	0	0	0	0	0	28
15	3	0	0	0	0	0	0	18
13	0	1	0	0	0	0	1	15
13	0	0	0	0	0	0	0	13
14	2	0	0	0	0	0	0	16
55	5	1	0	0	0	0	1	62
10	2	0	0	0	0	0	0	12
14	0	1	1	0	0	0	0	16
9	3	1	0	0	0	0	0	13
12	1	0	0	0	0	0	0	13
45	6	2	1	0	0	0	0	54
126	13	3	1	0	0	0	1	144

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)

DATE: 18/11/2021

DAY: THURSDAY

TIME	A TO D FROM DUKE ST TO PARK RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	19	3	2	0	0	0	0	24
14:15	16	1	0	0	0	0	0	17
14:30	22	1	1	0	0	0	0	24
14:45	15	5	1	0	0	0	0	21
H/TOT	72	10	4	0	0	0	0	86
15:00	25	3	2	0	0	0	0	30
15:15	25	1	0	0	1	0	0	27
15:30	21	2	1	0	0	0	0	24
15:45	20	3	0	0	0	0	0	23
H/TOT	91	9	3	0	1	0	0	104
16:00	21	0	0	0	0	0	0	21
16:15	24	2	0	0	0	0	0	26
16:30	30	4	0	0	0	0	0	34
16:45	26	4	0	0	1	0	0	31
H/TOT	101	10	0	0	1	0	0	112
17:00	30	7	0	0	0	0	0	37
17:15	16	4	0	0	0	0	0	20
17:30	25	5	0	0	0	0	0	30
17:45	20	2	0	0	0	0	0	22
H/TOT	91	18	0	0	0	0	0	109
18:00	24	3	0	0	0	0	0	27
18:15	16	0	0	0	0	0	0	16
18:30	8	2	0	0	0	0	0	10
18:45	6	1	0	0	0	0	0	7
H/TOT	54	6	0	0	0	0	0	60
P/TOT	409	53	7	0	2	0	0	471

	B TO A FROM PARK RD (E) TO DUKE ST							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
18	1	0	0	0	0	0	0	19
11	2	0	0	0	0	0	0	13
8	0	0	0	0	0	0	0	8
9	1	0	0	0	0	0	0	10
46	4	0	0	0	0	0	0	50
11	0	0	0	0	0	0	0	11
3	1	0	0	0	0	0	0	4
5	0	1	0	0	0	0	0	6
9	1	0	0	0	0	0	0	10
28	2	1	0	0	0	0	0	31
14	3	0	0	0	0	0	0	17
6	1	1	0	0	0	0	0	8
8	1	0	0	0	0	0	0	9
11	0	1	0	0	0	0	0	12
39	5	2	0	0	0	0	0	46
9	1	0	0	0	0	0	0	10
6	0	0	0	0	0	0	0	6
8	5	0	0	0	0	0	0	13
11	1	0	0	0	0	0	0	12
34	7	0	0	0	0	0	0	41
12	0	0	0	0	0	0	0	12
5	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	6
12	2	0	0	0	0	0	0	14
35	2	0	0	0	0	0	0	37
182	20	3	0	0	0	0	0	205

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	B TO C							
	FROM PARK RD (E) TO WARREN QUARRY LN							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	1	0	0	0	0	0	1
07:15	1	0	0	0	0	0	0	1
07:30	2	0	0	0	0	0	0	2
07:45	2	0	0	0	0	0	0	2
H/TOT	5	1	0	0	0	0	0	6
08:00	2	0	0	0	0	0	0	2
08:15	1	0	0	0	0	0	0	1
08:30	3	0	0	0	0	0	0	3
08:45	1	0	0	0	0	0	0	1
H/TOT	7	0	0	0	0	0	0	7
09:00	1	0	0	0	0	0	0	1
09:15	1	1	0	0	0	0	0	2
09:30	2	0	0	0	0	0	0	2
09:45	3	0	0	0	0	0	0	3
H/TOT	7	1	0	0	0	0	0	8
P/TOT	19	2	0	0	0	0	0	21

	B TO D							
	FROM PARK RD (E) TO PARK RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
40	16	5	2	0	0	0	1	64
58	26	2	0	0	0	1	0	87
55	18	3	0	0	0	0	0	76
52	17	0	0	0	1	0	0	70
205	77	10	2	1	1	1	1	297
65	15	6	1	1	1	1	0	89
54	11	5	1	0	0	0	0	71
64	12	7	1	2	0	0	0	86
53	13	5	0	2	0	0	0	73
236	51	23	3	5	1	0	0	319
42	27	4	0	0	0	0	1	74
38	15	5	0	0	0	0	0	58
34	18	5	2	0	0	0	0	59
41	14	2	0	0	0	0	0	57
155	74	16	2	0	0	0	1	248
596	202	49	7	6	2	2	2	864

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	B TO C							
	FROM PARK RD (E) TO WARREN QUARRY LN							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	3	0	1	0	0	0	0	4
14:15	1	0	0	0	0	0	0	1
14:30	0	0	0	0	0	0	0	0
14:45	2	0	0	0	0	0	0	2
H/TOT	6	0	1	0	0	0	0	7
15:00	6	0	0	0	0	0	0	6
15:15	1	0	0	0	0	0	0	1
15:30	3	1	0	0	0	0	0	4
15:45	5	0	0	0	0	0	0	5
H/TOT	15	1	0	0	0	0	0	16
16:00	4	2	0	0	0	0	0	6
16:15	3	2	0	0	0	0	0	5
16:30	2	0	0	0	0	0	0	2
16:45	2	0	0	0	0	0	0	2
H/TOT	11	4	0	0	0	0	0	15
17:00	2	0	0	0	0	0	0	2
17:15	2	0	0	0	0	0	0	2
17:30	1	0	0	0	0	0	0	1
17:45	1	1	0	0	0	0	0	2
H/TOT	6	1	0	0	0	0	0	7
18:00	5	0	0	0	0	0	0	5
18:15	1	0	0	0	0	0	0	1
18:30	2	0	0	0	0	0	0	2
18:45	2	1	0	0	0	0	0	3
H/TOT	10	1	0	0	0	0	0	11
P/TOT	48	7	1	0	0	0	0	56

	B TO D							
	FROM PARK RD (E) TO PARK RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
52	6	1	1	0	0	0	0	60
52	9	2	0	1	0	0	0	64
54	10	2	1	0	2	0	0	69
53	13	2	0	0	2	0	0	70
211	38	7	2	1	4	0	0	263
58	12	2	1	0	0	0	0	73
60	12	5	3	2	1	1	0	84
67	7	2	0	0	0	1	0	77
53	8	2	2	0	0	0	0	65
238	39	11	6	2	1	2	0	299
47	14	3	1	1	0	0	0	66
51	8	0	1	1	0	0	0	61
53	9	3	1	0	0	0	0	66
65	5	4	0	0	1	0	0	75
216	36	10	3	2	1	0	0	268
69	6	0	0	0	0	0	0	75
59	3	1	0	0	2	0	0	65
68	6	1	0	0	1	0	0	76
63	3	1	1	0	2	0	0	70
259	18	3	1	0	5	0	0	286
58	9	1	0	0	1	0	0	69
55	1	4	0	0	1	0	0	61
50	4	2	0	0	1	0	0	57
44	1	0	0	0	0	0	0	45
207	15	7	0	0	3	0	0	232
1131	146	38	12	5	14	2	0	1348

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	C TO A							
	FROM WARREN QUARRY LN TO DUKE ST							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	2	1	0	0	0	0	0	3
07:15	8	1	1	0	0	0	0	10
07:30	12	2	0	0	1	0	0	15
07:45	6	3	0	0	0	0	0	9
H/TOT	28	7	1	0	1	0	0	37
08:00	13	2	0	0	1	0	0	16
08:15	13	0	0	0	0	0	0	13
08:30	21	1	0	0	0	0	0	22
08:45	32	2	1	0	1	0	0	36
H/TOT	79	5	1	0	2	0	0	87
09:00	17	0	0	0	0	0	0	17
09:15	15	0	0	0	1	0	0	16
09:30	15	1	0	0	0	0	0	16
09:45	15	0	0	0	1	0	0	16
H/TOT	62	1	0	0	2	0	0	65
P/TOT	169	13	2	0	5	0	0	189

	C TO B							
	FROM WARREN QUARRY LN TO PARK RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0
07:15	3	0	0	0	0	0	0	3
07:30	0	0	0	0	0	0	0	0
07:45	4	0	0	0	0	0	0	4
H/TOT	7	0	0	0	0	0	0	7
08:00	1	0	0	0	0	0	0	1
08:15	2	0	0	0	0	0	0	2
08:30	5	0	0	0	0	0	0	5
08:45	1	0	0	0	0	0	0	1
H/TOT	9	0	0	0	0	0	0	9
09:00	3	0	0	0	0	0	0	3
09:15	2	1	0	0	0	0	0	3
09:30	2	0	0	0	0	0	0	2
09:45	1	0	0	0	0	0	0	1
H/TOT	8	1	0	0	0	0	0	9
P/TOT	24	1	0	0	0	0	0	25

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	C TO A							
	FROM WARREN QUARRY LN TO DUKE ST							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	11	0	0	0	0	0	0	11
14:15	9	2	0	0	1	0	0	12
14:30	14	1	0	0	0	0	0	15
14:45	9	1	0	0	1	1	0	12
H/TOT	43	4	0	0	2	1	0	50
15:00	9	0	0	0	0	1	0	10
15:15	19	1	0	0	0	0	0	20
15:30	17	1	0	0	1	0	0	19
15:45	12	2	0	0	0	0	0	14
H/TOT	57	4	0	0	1	1	0	63
16:00	16	2	0	0	1	0	0	19
16:15	13	2	0	0	0	0	0	15
16:30	10	3	1	0	1	0	0	15
16:45	8	2	0	0	0	1	1	12
H/TOT	47	9	1	0	2	1	1	61
17:00	11	1	1	0	1	2	0	16
17:15	12	0	1	0	0	0	0	13
17:30	12	0	0	0	1	0	0	13
17:45	10	1	1	0	0	0	0	12
H/TOT	45	2	3	0	2	2	0	54
18:00	10	0	0	0	1	0	0	11
18:15	12	0	0	0	1	0	1	14
18:30	11	1	0	0	0	0	0	12
18:45	6	0	0	0	0	0	0	6
H/TOT	39	1	0	0	2	0	1	43
P/TOT	231	20	4	0	9	5	2	271

	C TO B							
	FROM WARREN QUARRY LN TO PARK RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	3
	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	3
	1	0	0	0	0	0	0	1
	2	1	0	0	0	0	0	3
	4	0	0	0	0	0	0	4
	3	0	0	0	0	0	0	3
	10	1	0	0	0	0	0	11
	1	0	0	0	0	0	0	1
	2	2	0	0	0	0	0	4
	1	0	1	0	0	0	0	2
	1	2	0	0	0	0	0	3
	5	4	1	0	0	0	0	10
	3	0	0	0	0	0	0	3
	1	1	0	0	0	0	0	2
	2	0	0	0	0	0	0	2
	2	0	0	0	0	0	0	2
	8	1	0	0	0	0	0	9
	5	1	0	0	0	0	0	6
	2	1	0	0	0	0	0	3
	1	0	0	0	0	0	0	1
	1	0	0	0	0	0	0	1
	9	2	0	0	0	0	0	11
	35	8	1	0	0	0	0	44

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)

DATE: 18/11/2021

DAY: THURSDAY

TIME	C TO D							
	FROM WARREN QUARRY LN TO PARK RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	4	2	0	0	0	0	0	6
07:15	7	2	0	0	0	0	0	9
07:30	7	0	0	0	0	0	0	7
07:45	8	0	0	0	1	0	3	12
H/TOT	26	4	0	0	1	0	3	34
08:00	11	1	0	0	1	0	0	13
08:15	15	2	0	0	0	0	0	17
08:30	15	1	0	0	1	1	0	18
08:45	22	0	0	0	0	0	0	22
H/TOT	63	4	0	0	2	1	0	70
09:00	8	0	1	0	1	0	0	10
09:15	3	0	0	0	0	0	0	3
09:30	2	0	0	0	0	0	0	2
09:45	4	1	0	0	0	0	0	5
H/TOT	17	1	1	0	1	0	0	20
P/TOT	106	9	1	0	4	1	3	124

	D TO A							
	FROM PARK RD (W) TO DUKE ST							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
12	5	0	0	0	0	0	0	17
8	2	0	0	0	0	0	0	10
12	3	2	0	0	0	0	0	17
24	2	1	0	0	0	0	0	27
56	12	3	0	0	0	0	0	71
12	1	1	0	0	0	0	0	14
19	2	1	0	0	0	0	0	22
34	6	1	0	0	0	0	0	41
32	3	0	0	0	0	0	0	35
97	12	3	0	0	0	0	0	112
30	2	2	0	0	0	0	0	34
18	4	0	0	1	0	0	0	23
15	2	0	0	0	0	0	0	17
19	2	0	0	0	0	0	0	21
82	10	2	0	1	0	0	0	95
235	34	8	0	1	0	0	0	278

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)

DATE: 18/11/2021

DAY: THURSDAY

TIME	C TO D							
	FROM WARREN QUARRY LN TO PARK RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	5	1	1	0	0	0	0	7
14:15	8	1	0	0	0	0	0	9
14:30	9	1	0	0	0	0	0	10
14:45	11	0	0	0	0	0	0	11
H/TOT	33	3	1	0	0	0	0	37
15:00	11	0	1	0	0	0	0	12
15:15	12	1	0	0	0	0	0	13
15:30	9	4	1	0	0	0	0	14
15:45	14	0	0	0	0	0	0	14
H/TOT	46	5	2	0	0	0	0	53
16:00	7	0	0	0	0	0	0	7
16:15	16	3	0	0	0	0	0	19
16:30	8	1	0	0	0	0	0	9
16:45	12	4	0	0	0	0	0	16
H/TOT	43	8	0	0	0	0	0	51
17:00	10	3	0	0	0	0	0	13
17:15	10	1	0	0	0	0	0	11
17:30	7	0	0	0	0	0	0	7
17:45	3	3	0	0	0	0	0	6
H/TOT	30	7	0	0	0	0	0	37
18:00	7	2	0	0	0	0	0	9
18:15	3	0	0	0	0	0	0	3
18:30	2	2	0	0	0	0	0	4
18:45	3	1	0	0	0	0	0	4
H/TOT	15	5	0	0	0	0	0	20
P/TOT	167	28	3	0	0	0	0	198

	D TO A							
	FROM PARK RD (W) TO DUKE ST							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
17	4	0	0	0	0	0	0	21
20	4	1	0	0	0	0	0	25
31	1	0	0	0	0	0	0	32
25	3	0	0	0	0	0	0	28
93	12	1	0	0	0	0	0	106
16	0	0	0	0	0	0	0	16
30	3	1	0	0	0	1	0	35
25	4	0	0	0	0	0	0	29
23	5	0	0	2	0	0	0	30
94	12	1	0	2	1	0	0	110
20	3	2	0	0	0	0	0	25
18	6	0	0	0	0	0	0	24
13	1	1	0	0	0	0	0	15
26	1	0	0	0	0	0	0	27
77	11	3	0	0	0	0	0	91
25	4	1	0	0	0	0	0	30
23	1	0	0	0	0	0	0	24
13	1	0	0	0	0	0	0	14
21	2	1	0	0	0	0	0	24
82	8	2	0	0	0	0	0	92
13	4	0	0	0	0	1	0	18
18	2	0	0	0	0	0	0	20
20	1	0	0	0	0	0	0	21
13	4	0	0	0	0	0	0	17
64	11	0	0	0	1	0	0	76
410	54	7	0	2	2	0	0	475

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	D TO B							
	FROM PARK RD (W) TO PARK RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	36	8	2	0	0	0	0	46
07:15	47	9	4	0	0	0	0	60
07:30	60	12	3	0	0	0	0	75
07:45	60	13	3	1	0	0	0	77
H/TOT	203	42	12	1	0	0	0	258
08:00	66	18	0	0	0	1	0	85
08:15	57	14	3	2	0	0	0	76
08:30	60	14	2	0	0	0	0	76
08:45	62	13	1	1	0	0	0	77
H/TOT	245	59	6	3	0	1	0	314
09:00	80	13	3	0	1	0	0	97
09:15	54	10	3	2	1	0	0	70
09:30	40	15	3	0	0	0	0	58
09:45	46	10	2	1	0	0	0	59
H/TOT	220	48	11	3	2	0	0	284
P/TOT	668	149	29	7	2	1	0	856

	D TO C							
	FROM PARK RD (W) TO WARREN QUARRY LN							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
3	0	0	0	0	0	0	0	3
4	1	0	0	0	0	0	0	5
4	1	0	0	0	0	0	0	5
3	0	0	0	0	0	0	0	3
14	2	0	0	0	0	0	0	16
0	1	0	0	0	0	0	0	1
6	1	0	0	0	0	0	0	7
6	1	0	0	0	0	0	0	7
1	1	0	0	0	0	0	0	2
13	4	0	0	0	0	0	0	17
6	0	1	0	0	0	0	0	7
3	1	0	0	0	0	0	0	4
2	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	3
14	1	1	0	0	0	0	0	16
41	7	1	0	0	0	0	0	49

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)

DATE: 18/11/2021

DAY: THURSDAY

TIME	D TO B							
	FROM PARK RD (W) TO PARK RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	55	8	2	0	0	1	0	66
14:15	67	11	1	1	2	0	0	82
14:30	65	6	2	1	0	0	0	74
14:45	60	15	2	2	0	0	1	80
H/TOT	247	40	7	4	2	1	1	302
15:00	57	16	1	1	2	1	0	78
15:15	66	6	2	0	0	0	0	74
15:30	82	5	1	0	2	0	0	90
15:45	72	16	3	1	1	0	0	93
H/TOT	277	43	7	2	5	1	0	335
16:00	94	12	4	0	0	0	0	110
16:15	67	12	1	0	0	0	0	80
16:30	64	15	1	0	0	0	0	80
16:45	74	10	2	0	0	1	0	87
H/TOT	299	49	8	0	0	1	0	357
17:00	66	8	1	1	0	0	0	76
17:15	94	8	1	0	0	0	0	103
17:30	73	5	2	0	0	1	1	82
17:45	54	7	1	0	0	1	0	63
H/TOT	287	28	5	1	0	2	1	324
18:00	60	8	0	0	0	0	0	68
18:15	62	8	0	0	0	0	0	70
18:30	47	7	0	0	0	0	0	54
18:45	46	3	0	0	0	1	0	50
H/TOT	215	26	0	0	0	1	0	242
P/TOT	1325	186	27	7	7	6	2	1560

	D TO C							
	FROM PARK RD (W) TO WARREN QUARRY LN							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
4	3	0	0	0	0	0	0	7
3	0	0	0	0	0	0	0	3
7	1	0	0	0	1	0	0	9
7	1	1	0	0	1	0	0	10
21	5	1	0	2	0	0	0	29
7	2	1	0	0	0	0	0	10
4	0	0	0	0	0	0	0	4
8	1	0	0	0	1	0	0	10
8	0	0	0	0	1	0	0	9
27	3	1	0	2	0	0	0	33
5	1	0	0	0	0	0	0	6
6	3	0	0	0	0	0	0	9
4	0	0	0	0	0	0	0	4
4	2	0	0	0	0	0	0	6
19	6	0	0	0	0	0	0	25
5	2	0	0	0	0	0	0	7
6	1	0	0	0	0	0	0	7
1	0	0	0	0	0	0	0	1
3	1	0	0	0	0	0	0	4
15	4	0	0	0	0	0	0	19
3	1	0	0	0	0	0	0	4
4	1	0	0	0	0	0	0	5
5	0	0	0	0	0	0	0	5
2	0	0	0	0	0	0	0	2
14	2	0	0	0	0	0	0	16
96	20	2	0	4	0	0	0	122

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM A DUKE ST							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	17	6	0	0	0	0	0	23
07:15	23	3	1	0	0	0	0	27
07:30	30	6	2	0	1	0	0	39
07:45	40	6	1	0	0	0	0	47
H/TOT	110	21	4	0	1	0	0	136
08:00	40	6	1	0	1	0	0	48
08:15	45	2	2	0	0	0	1	50
08:30	68	7	1	0	0	0	0	76
08:45	78	7	1	0	1	0	0	87
H/TOT	231	22	5	0	2	0	1	261
09:00	57	4	2	0	0	0	0	63
09:15	47	4	1	1	2	0	0	55
09:30	39	6	1	0	0	0	0	46
09:45	46	3	0	0	1	0	0	50
H/TOT	189	17	4	1	3	0	0	214
P/TOT	530	60	13	1	6	0	1	611

FROM ARM A DUKE ST							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11	5	1	0	0	0	0	17
12	4	1	0	0	0	0	17
20	4	1	0	0	0	0	25
23	13	3	0	1	0	0	40
66	26	6	0	1	0	0	99
20	4	0	0	0	0	0	24
34	6	3	0	0	0	0	43
33	7	0	0	1	0	0	41
27	6	1	0	1	0	0	35
114	23	4	0	2	0	0	143
32	6	0	0	0	0	0	38
35	1	2	1	1	0	0	40
35	6	0	0	0	0	0	41
44	3	0	0	1	0	0	48
146	16	2	1	2	0	0	167
326	65	12	1	5	0	0	409

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)

DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM A DUKE ST								FROM ARM A DUKE ST							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	46	5	0	0	0	0	0	51	48	6	2	0	0	0	0	56
14:15	40	8	1	0	1	0	0	50	52	1	1	0	1	0	0	55
14:30	53	2	0	0	0	0	0	55	49	3	1	0	0	0	0	53
14:45	43	5	0	0	1	1	0	50	52	7	1	0	1	1	0	62
H/TOT	182	20	1	0	2	1	0	206	201	17	5	0	2	1	0	226
15:00	36	0	0	0	0	1	0	37	65	6	2	0	0	1	0	74
15:15	52	5	1	0	0	1	0	59	67	6	0	0	2	0	0	75
15:30	47	5	1	0	1	0	0	54	58	6	1	0	0	1	0	66
15:45	44	8	0	0	2	0	0	54	60	8	0	0	1	0	0	69
H/TOT	179	18	2	0	3	2	0	204	250	26	3	0	3	2	0	284
16:00	50	8	2	0	1	0	0	61	53	5	0	0	0	0	0	58
16:15	37	9	1	0	0	0	0	47	73	6	0	0	0	0	0	79
16:30	31	5	2	0	1	0	0	39	71	8	0	0	1	0	0	80
16:45	45	3	1	0	0	1	1	51	60	12	0	0	1	0	1	74
H/TOT	163	25	6	0	2	1	1	198	257	31	0	0	2	0	1	291
17:00	45	6	2	0	1	2	0	56	70	10	1	0	1	0	0	82
17:15	41	1	1	0	0	0	0	43	46	9	1	0	1	0	0	57
17:30	33	6	0	0	1	0	0	40	59	6	1	0	0	0	0	66
17:45	42	4	2	0	0	0	0	48	54	3	1	0	0	0	0	58
H/TOT	161	17	5	0	2	2	0	187	229	28	4	0	2	0	0	263
18:00	35	4	0	0	1	1	0	41	51	7	0	0	1	0	1	60
18:15	35	2	0	0	1	0	1	39	46	1	1	0	0	1	0	49
18:30	37	2	0	0	0	0	0	39	38	5	0	0	1	0	0	44
18:45	31	6	0	0	0	0	0	37	27	2	0	0	0	0	0	29
H/TOT	138	14	0	0	2	1	1	156	162	15	1	0	2	1	1	182
P/TOT	823	94	14	0	11	7	2	951	1099	117	13	0	11	4	2	1246

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)

DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM B PARK RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	36	8	2	0	0	0	0	46
07:15	51	9	4	0	0	0	0	64
07:30	65	13	3	0	0	0	0	81
07:45	70	15	4	1	0	0	0	90
H/TOT	222	45	13	1	0	0	0	281
08:00	70	19	0	0	0	1	0	90
08:15	68	14	3	2	0	0	0	87
08:30	73	15	2	0	0	0	0	90
08:45	75	15	1	1	0	0	0	92
H/TOT	286	63	6	3	0	1	0	359
09:00	91	16	3	0	1	0	0	111
09:15	74	12	5	2	1	0	0	94
09:30	57	15	3	0	0	0	0	75
09:45	64	11	2	1	0	0	0	78
H/TOT	286	54	13	3	2	0	0	358
P/TOT	794	162	32	7	2	1	0	998

FROM ARM B PARK RD (E)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
43	17	5	2	0	0	1	68
66	26	2	0	0	1	0	95
63	19	3	0	0	0	0	85
64	18	0	0	1	0	0	83
236	80	10	2	1	1	1	331
82	18	6	1	1	1	0	109
68	11	6	1	0	0	1	87
80	12	7	1	2	0	0	102
68	15	5	0	2	0	0	90
298	56	24	3	5	1	1	388
53	29	4	0	0	0	1	87
53	16	6	1	0	0	0	76
45	21	6	2	0	0	0	74
56	15	2	0	0	0	0	73
207	81	18	3	0	0	1	310
741	217	52	8	6	2	3	1029

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)

DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM B PARK RD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	70	10	2	0	0	1	0	83
14:15	90	11	1	1	2	0	0	105
14:30	83	7	2	1	0	0	0	93
14:45	75	17	2	2	0	0	1	97
H/TOT	318	45	7	4	2	1	1	378
15:00	73	18	1	1	2	1	0	96
15:15	92	10	2	0	0	0	0	104
15:30	102	8	1	0	2	1	0	114
15:45	100	17	3	1	1	0	0	122
H/TOT	367	53	7	2	5	2	0	436
16:00	113	14	4	0	0	0	0	131
16:15	103	14	1	0	0	0	0	118
16:30	90	16	2	0	0	0	0	108
16:45	89	15	2	0	0	1	1	108
H/TOT	395	59	9	0	0	1	1	465
17:00	89	9	1	1	0	0	0	100
17:15	107	10	1	0	0	0	0	118
17:30	90	6	2	0	0	1	1	100
17:45	70	8	1	0	0	1	0	80
H/TOT	356	33	5	1	0	2	1	398
18:00	78	10	0	0	0	0	0	88
18:15	79	9	1	0	0	1	0	90
18:30	62	8	0	0	0	0	0	70
18:45	55	3	0	0	0	1	0	59
H/TOT	274	30	1	0	0	2	0	307
P/TOT	1710	220	29	7	7	8	3	1984

FROM ARM B PARK RD (E)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
73	7	2	1	0	0	0	83
64	11	2	0	1	0	0	78
62	10	2	1	0	2	0	77
64	14	2	0	0	2	0	82
263	42	8	2	1	4	0	320
75	12	2	1	0	0	0	90
64	13	5	3	2	1	1	89
75	8	3	0	0	0	1	87
67	9	2	2	0	0	0	80
281	42	12	6	2	1	2	346
65	19	3	1	1	0	0	89
60	11	1	1	1	0	0	74
63	10	3	1	0	0	0	77
78	5	5	0	0	1	0	89
266	45	12	3	2	1	0	329
80	7	0	0	0	0	0	87
67	3	1	0	0	2	0	73
77	11	1	0	0	1	0	90
75	5	1	1	0	2	0	84
299	26	3	1	0	5	0	334
75	9	1	0	0	1	0	86
61	1	4	0	0	1	0	67
58	4	2	0	0	1	0	65
58	4	0	0	0	0	0	62
252	18	7	0	0	3	0	280
1361	173	42	12	5	14	2	1609

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM C WARREN QUARRY LN							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	5	3	1	0	0	0	0	9
07:15	6	2	1	0	0	0	0	9
07:30	11	2	0	0	0	0	0	13
07:45	9	2	1	0	1	0	0	13
H/TOT	31	9	3	0	1	0	0	44
08:00	6	1	0	0	0	0	0	7
08:15	18	1	0	0	0	0	0	19
08:30	19	1	0	0	1	0	0	21
08:45	9	1	0	0	0	0	0	10
H/TOT	52	4	0	0	1	0	0	57
09:00	18	0	1	0	0	0	0	19
09:15	12	2	0	0	1	0	0	15
09:30	15	1	0	0	0	0	0	16
09:45	18	0	0	0	1	0	0	19
H/TOT	63	3	1	0	2	0	0	69
P/TOT	146	16	4	0	4	0	0	170

FROM ARM C WARREN QUARRY LN							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
6	3	0	0	0	0	0	9
18	3	1	0	0	0	0	22
19	2	0	0	1	0	0	22
18	3	0	0	1	0	3	25
61	11	1	0	2	0	3	78
25	3	0	0	2	0	0	30
30	2	0	0	0	0	0	32
41	2	0	0	1	1	0	45
55	2	1	0	1	0	0	59
151	9	1	0	4	1	0	166
28	0	1	0	1	0	0	30
20	1	0	0	1	0	0	22
19	1	0	0	0	0	0	20
20	1	0	0	1	0	0	22
87	3	1	0	3	0	0	94
299	23	3	0	9	1	3	338

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)

DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM C WARREN QUARRY LN								FROM ARM C WARREN QUARRY LN							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	21	4	1	0	0	0	0	26	16	1	1	0	0	0	0	18
14:15	17	0	1	0	1	0	0	19	17	3	0	0	1	0	0	21
14:30	19	2	0	0	1	0	0	22	26	2	0	0	0	0	0	28
14:45	31	1	1	0	2	1	0	36	20	1	0	0	1	1	0	23
H/TOT	88	7	3	0	4	1	0	103	79	7	1	0	2	1	0	90
15:00	38	3	1	0	0	1	0	43	21	0	1	0	0	1	0	23
15:15	23	2	0	0	1	0	0	26	33	3	0	0	0	0	0	36
15:30	32	3	0	0	1	0	0	36	30	5	1	0	1	0	0	37
15:45	28	4	0	0	2	0	0	34	29	2	0	0	0	0	0	31
H/TOT	121	12	1	0	4	1	0	139	113	10	2	0	1	1	0	127
16:00	23	6	0	0	0	0	0	29	24	2	0	0	1	0	0	27
16:15	24	9	0	0	0	0	0	33	31	7	0	0	0	0	0	38
16:30	22	3	0	0	1	0	0	26	19	4	2	0	1	0	0	26
16:45	26	7	0	0	0	0	0	33	21	8	0	0	0	1	1	31
H/TOT	95	25	0	0	1	0	0	121	95	21	2	0	2	1	1	122
17:00	27	4	1	0	1	0	0	33	24	4	1	0	1	2	0	32
17:15	26	5	1	0	1	0	0	33	23	2	1	0	0	0	0	26
17:30	21	0	1	0	0	0	0	22	21	0	0	0	1	0	0	22
17:45	24	2	1	0	0	0	0	27	15	4	1	0	0	0	0	20
H/TOT	98	11	4	0	2	0	0	115	83	10	3	0	2	2	0	100
18:00	22	4	0	0	1	0	1	28	22	3	0	0	1	0	0	26
18:15	20	2	0	0	0	0	0	22	17	1	0	0	1	0	1	20
18:30	23	2	0	0	1	0	0	26	14	3	0	0	0	0	0	17
18:45	17	2	0	0	0	0	0	19	10	1	0	0	0	0	0	11
H/TOT	82	10	0	0	2	0	1	95	63	8	0	0	2	0	1	74
P/TOT	484	65	8	0	13	2	1	573	433	56	8	0	9	5	2	513

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)

DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM D PARK RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	53	21	5	2	0	0	1	82
07:15	75	31	2	0	0	1	0	109
07:30	72	20	4	0	0	0	0	96
07:45	73	26	1	0	2	0	3	105
H/TOT	273	98	12	2	2	1	4	392
08:00	89	19	6	1	2	1	0	118
08:15	83	19	8	1	0	0	0	111
08:30	94	19	7	1	3	1	0	125
08:45	83	17	6	0	3	0	0	109
H/TOT	349	74	27	3	8	2	0	463
09:00	63	30	5	0	1	0	1	100
09:15	50	15	5	1	0	0	0	71
09:30	45	23	5	2	0	0	0	75
09:45	60	17	2	0	0	0	0	79
H/TOT	218	85	17	3	1	0	1	325
P/TOT	840	257	56	8	11	3	5	1180

FROM ARM D PARK RD (W)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
51	13	2	0	0	0	0	66
59	12	4	0	0	0	0	75
76	16	5	0	0	0	0	97
87	15	4	1	0	0	0	107
273	56	15	1	0	0	0	345
78	20	1	0	0	1	0	100
82	17	4	2	0	0	0	105
100	21	3	0	0	0	0	124
95	17	1	1	0	0	0	114
355	75	9	3	0	1	0	443
116	15	6	0	1	0	0	138
75	15	3	2	2	0	0	97
57	17	3	0	0	0	0	77
68	12	2	1	0	0	0	83
316	59	14	3	3	0	0	395
944	190	38	7	3	1	0	1183

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 5

LOCATION: DUKE ST / PARK RD (E) / WARREN QUARRY LN / PARK RD (W)

DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM D PARK RD (W)								FROM ARM D PARK RD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	76	10	4	1	0	0	0	91	76	15	2	0	0	1	0	94
14:15	76	11	2	0	1	0	0	90	90	15	2	1	2	0	0	110
14:30	85	12	3	1	0	2	0	103	103	8	2	1	1	0	0	115
14:45	79	18	3	0	0	2	0	102	92	19	3	2	1	0	1	118
H/TOT	316	51	12	2	1	4	0	386	361	57	9	4	4	1	1	437
15:00	94	15	5	1	0	0	0	115	80	18	2	1	2	1	0	104
15:15	97	14	5	3	3	1	1	124	100	9	3	0	0	1	0	113
15:30	97	13	4	0	0	0	1	115	115	10	1	0	3	0	0	129
15:45	87	11	2	2	0	0	0	102	103	21	3	1	4	0	0	132
H/TOT	375	53	16	6	3	1	2	456	398	58	9	2	9	2	0	478
16:00	75	14	3	1	1	0	0	94	119	16	6	0	0	0	0	141
16:15	91	13	0	1	1	0	0	106	91	21	1	0	0	0	0	113
16:30	91	14	3	1	0	0	0	109	81	16	2	0	0	0	0	99
16:45	103	13	4	0	1	1	0	122	104	13	2	0	0	1	0	120
H/TOT	360	54	10	3	3	1	0	431	395	66	11	0	0	1	0	473
17:00	109	16	0	0	0	0	0	125	96	14	2	1	0	0	0	113
17:15	85	8	1	0	0	2	0	96	123	10	1	0	0	0	0	134
17:30	100	11	1	0	0	1	0	113	87	6	2	0	0	1	1	97
17:45	86	8	1	1	0	2	0	98	78	10	2	0	0	1	0	91
H/TOT	380	43	3	1	0	5	0	432	384	40	7	1	0	2	1	435
18:00	89	14	1	0	0	1	0	105	76	13	0	0	0	1	0	90
18:15	74	1	4	0	0	1	0	80	84	11	0	0	0	0	0	95
18:30	60	8	2	0	0	1	0	71	72	8	0	0	0	0	0	80
18:45	53	3	0	0	0	0	0	56	61	7	0	0	0	1	0	69
H/TOT	276	26	7	0	0	3	0	312	293	39	0	0	0	2	0	334
P/TOT	1707	227	48	12	7	14	2	2017	1831	260	36	7	13	8	2	2157

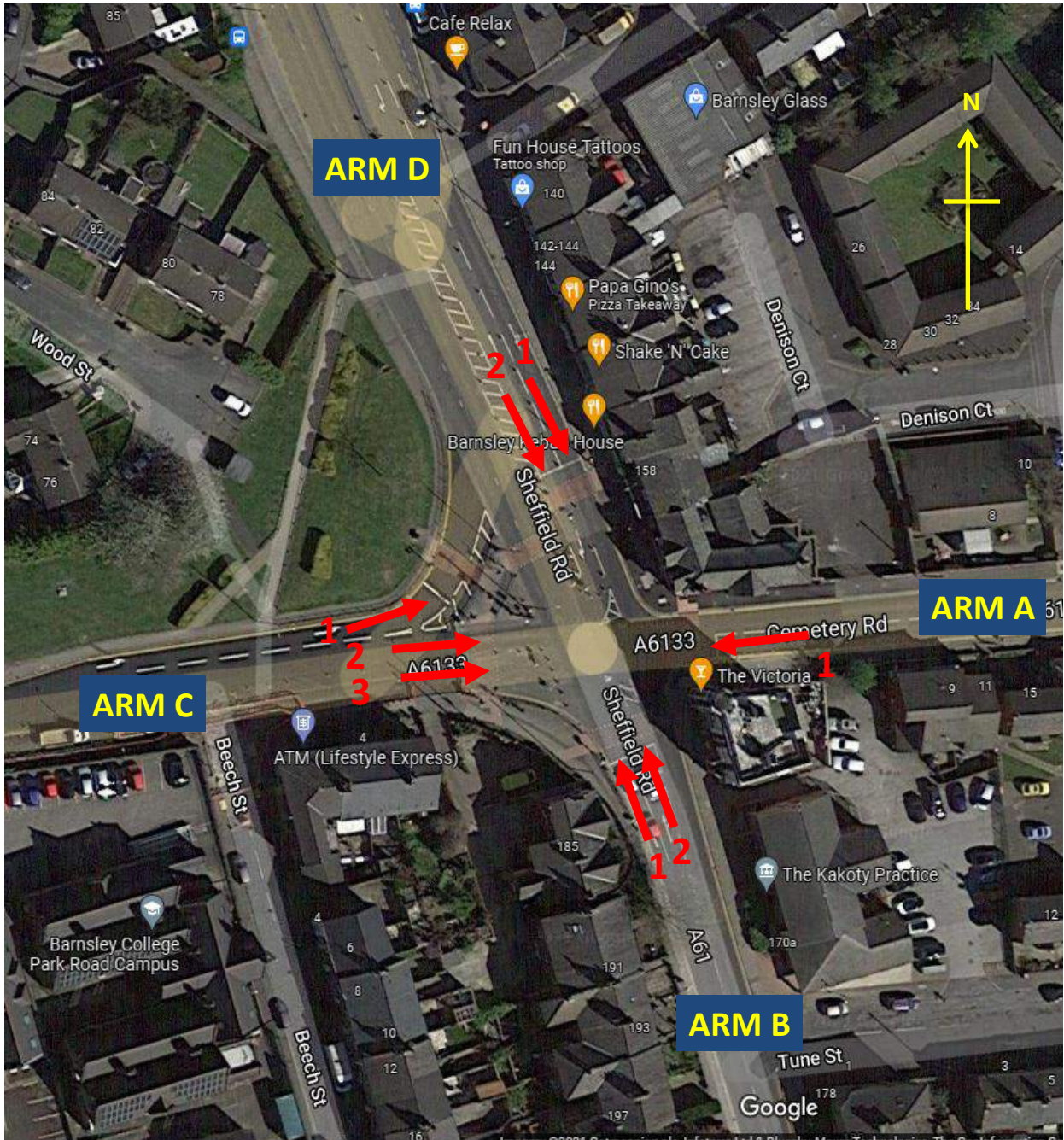
SITE: 6



DATE: 18TH NOVEMBER 2021

LOCATION: CEMETERY RD /
SHEFFIELD RD / PARK RD

DAY: THURSDAY



JOB TITLE: BARNSELY

JOB NUMBER: 10917

QUEUE LENGTHS

JOB REF: 10917



JOB NAME: BARNSELEY

SITE: 6

DATE: 18/11/2021

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)

DAY: THURSDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A CEMETERY RD	ARM B SHEFFIELD RD (S)		ARM C PARK RD			ARM D SHEFFIELD RD (N)		TIME	ARM A CEMETERY RD	ARM B SHEFFIELD RD (S)		ARM C PARK RD			ARM D SHEFFIELD RD (N)	
	LANE 1	LANE 1	LANE 2	LANE 1	LANE 2	LANE 3	LANE 1	LANE 2		LANE 1	LANE 1	LANE 2	LANE 1	LANE 2	LANE 3	LANE 1	LANE 2
07:00	4	1	5	0	3	0	10	1	14:00	6	10	0	4	5	4	5	1
07:05	6	3	1	0	3	3	3	1	14:05	6	17	2	3	4	2	4	3
07:10	3	15	1	0	5	0	6	0	14:10	5	4	3	1	2	1	2	2
07:15	6	1	3	1	4	0	5	2	14:15	4	3	4	1	4	1	2	0
07:20	3	15	1	1	1	0	3	0	14:20	9	19	3	0	9	2	4	4
07:25	6	6	3	1	4	3	9	1	14:25	5	19	1	3	8	5	3	2
07:30	7	7	2	1	5	2	6	2	14:30	7	2	23	1	4	3	11	3
07:35	6	6	1	1	10	2	3	1	14:35	7	22	1	2	5	2	3	2
07:40	10	18	2	1	4	1	5	1	14:40	13	2	12	1	4	2	2	3
07:45	11	1	12	0	1	1	11	2	14:45	18	4	4	2	3	3	12	1
07:50	9	1	9	1	11	2	14	6	14:50	20+	27	2	2	8	2	4	3
07:55	12	24	3	1	6	2	8	1	14:55	20	12	3	1	3	3	12	3
08:00	12	12	2	1	4	1	6	2	15:00	12	22	5	1	6	7	12	5
08:05	15	20	4	1	4	1	3	6	15:05	6	12	1	0	3	3	14	4
08:10	15	1	19	2	6	0	1	2	15:10	9	3	17	0	8	5	26	6
08:15	17	23	3	2	4	2	12	1	15:15	13	3	7	3	2	4	13	9
08:20	22+	32	2	1	9	1	5	1	15:20	20+	9	4	1	11	1	8	4
08:25	25+	33	5	4	8	6	1	8	15:25	13	20	2	0	14	3	24	3
08:30	20+	34	1	0	1	3	11	4	15:30	15	3	7	0	5	3	13	1
08:35	25+	37	0	1	5	3	2	5	15:35	16	18	2	2	3	3	14	8
08:40	16	20	3	1	8	5	4	4	15:40	6	2	12	1	5	3	14	2
08:45	12+	28	3	0	5	0	1	3	15:45	11	22	1	1	14	5	10	1
08:50	25+	26	3	1	9	2	6	7	15:50	5	25	4	1	7	2	24	3
08:55	18+	14	2	1	9	5	6	1	15:55	9	16	5	3	23	5	15	1
09:00	20	20	3	5	15	2	3	4	16:00	14	17	2	2	4	3	24	2

QUEUE LENGTHS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6



DATE: 18/11/2021

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)

DAY: THURSDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A CEMETERY RD	ARM B SHEFFIELD RD (S)		ARM C PARK RD			ARM D SHEFFIELD RD (N)		TIME	ARM A CEMETERY RD	ARM B SHEFFIELD RD (S)		ARM C PARK RD			ARM D SHEFFIELD RD (N)	
	LANE 1	LANE 1	LANE 2	LANE 1	LANE 2	LANE 3	LANE 1	LANE 2		LANE 1	LANE 1	LANE 2	LANE 1	LANE 2	LANE 3	LANE 1	LANE 2
09:05	20	15	3	2	9	1	5	3	16:05	13	0	18	1	12	3	29	4
09:10	18+	2	6	3	18	0	5	4	16:10	17	12	6	1	24	5	20	4
09:15	25+	1	14	2	18	4	2	0	16:15	15	30	0	0	11	3	16	3
09:20	17+	12	2	2	6	4	5	1	16:20	13	36	2	0	9	4	13	1
09:25	20+	1	8	1	4	3	2	3	16:25	15+	33+	1	4	7	4	5	6
09:30	15	16	1	4	5	4	6	3	16:30	17	30	1	2	7	8	2	2
09:35	11	6	2	0	5	1	3	1	16:35	20	14	4	1	4	2	12	3
09:40	10	4	1	0	11	2	11	3	16:40	19	1	14	2	10	3	6	4
09:45	5	17	2	1	3	1	14	2	16:45	20+	25	1	1	7	4	17	4
09:50	9	15	4	2	8	4	8	2	16:50	15	18	0	1	4	3	10	6
09:55	9	12	1	1	5	0	7	3	16:55	8	13	5	1	5	2	8	2
									17:00	9	13	2	0	6	2	8	4
									17:05	2	12	1	1	6	3	15	4
									17:10	5	8	4	0	5	0	8	5
									17:15	7	11	4	2	7	2	6	7
									17:20	6	3	12	0	8	4	4	4
									17:25	2	10	4	0	9	5	10	1
									17:30	5	7	6	1	7	4	11	0
									17:35	4	3	13	0	6	5	6	0
									17:40	5	11	1	0	4	5	15	3
									17:45	5	13	5	2	5	3	1	2
									17:50	13	9	4	0	5	0	5	2
									17:55	10	4	2	0	7	3	1	1
									18:00	12	3	9	1	3	3	5	4
									18:05	11	2	10	1	3	0	8	5
									18:10	11	13	2	1	5	1	19	3
									18:15	7	4	3	1	10	1	10	2
									18:20	9	11	0	0	4	2	20	2
									18:25	5	4	0	1	6	2	15	3
									18:30	7	6	2	2	5	3	3	2
									18:35	2	18	1	1	6	0	4	0
									18:40	4	7	1	1	1	4	9	1
									18:45	2	14	1	0	4	1	9	4
									18:50	3	2	1	1	3	3	7	2
									18:55	9	1	1	0	5	0	3	2

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)



DATE: 18/11/2021

DAY: THURSDAY

TIME	A TO B							
	FROM CEMETERY RD TO SHEFFIELD RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	1	0	0	0	0	0	0	1
07:15	1	0	0	0	0	0	0	1
07:30	3	1	0	0	0	0	0	4
07:45	0	1	0	0	0	0	0	1
H/TOT	5	2	0	0	0	0	0	7
08:00	1	2	1	0	0	0	0	4
08:15	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0
08:45	1	0	0	0	0	0	0	1
H/TOT	2	2	1	0	0	0	0	5
09:00	0	2	0	0	0	0	0	2
09:15	2	1	3	0	0	0	0	6
09:30	1	0	0	0	0	0	0	1
09:45	2	1	0	0	0	0	0	3
H/TOT	5	4	3	0	0	0	0	12
P/TOT	12	8	4	0	0	0	0	24

	A TO C							
	FROM CEMETERY RD TO PARK RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
27	15	4	0	0	0	0	0	46
46	18	2	0	0	0	0	0	66
41	9	3	0	0	0	0	0	53
32	9	0	0	0	0	0	0	41
146	51	9	0	0	0	0	0	206
18	9	4	1	0	0	0	0	32
24	6	2	1	0	0	0	0	33
25	3	2	1	0	0	0	0	31
25	6	3	0	1	0	0	0	35
92	24	11	3	1	0	0	0	131
18	11	1	0	0	0	0	0	30
26	7	5	1	0	0	0	0	39
24	13	4	2	0	0	0	0	43
25	8	1	0	0	0	0	0	34
93	39	11	3	0	0	0	0	146
331	114	31	6	1	0	0	0	483

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)



DATE: 18/11/2021

DAY: THURSDAY

TIME	A TO B								A TO C							
	FROM CEMETERY RD TO SHEFFIELD RD (S)								FROM CEMETERY RD TO PARK RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	0	0	0	0	0	0	0	0	32	4	2	0	0	0	0	38
14:15	2	0	0	0	0	0	0	2	28	2	2	0	0	1	0	33
14:30	1	1	1	0	0	0	0	3	23	5	1	1	0	0	0	30
14:45	1	3	0	0	0	0	0	4	30	9	1	0	0	0	0	40
H/TOT	4	4	1	0	0	0	0	9	113	20	6	1	0	1	0	141
15:00	1	2	1	0	0	0	0	4	28	5	1	0	0	0	0	34
15:15	2	0	0	0	0	0	0	2	28	4	3	2	0	1	0	38
15:30	2	0	0	0	0	0	0	2	33	1	3	0	0	0	0	37
15:45	0	1	0	0	0	0	0	1	29	4	1	1	0	1	0	36
H/TOT	5	3	1	0	0	0	0	9	118	14	8	3	0	2	0	145
16:00	2	0	0	0	0	0	0	2	25	10	0	1	0	0	0	36
16:15	0	1	0	0	0	0	0	1	23	2	0	1	1	0	0	27
16:30	2	0	0	0	0	0	0	2	26	5	1	1	0	0	0	33
16:45	1	0	0	0	0	0	0	1	39	3	2	0	0	0	0	44
H/TOT	5	1	0	0	0	0	0	6	113	20	3	3	1	0	0	140
17:00	0	0	0	0	0	0	0	0	32	5	0	0	0	0	0	37
17:15	3	0	0	0	0	0	0	3	33	2	0	0	0	0	0	35
17:30	2	0	0	0	0	0	0	2	27	5	1	0	0	0	0	33
17:45	4	0	0	0	0	0	0	4	33	2	1	1	0	0	0	37
H/TOT	9	0	0	0	0	0	0	9	125	14	2	1	0	0	0	142
18:00	3	1	0	0	0	0	0	4	38	4	1	0	0	0	0	43
18:15	6	0	0	0	0	0	0	6	31	0	3	0	0	1	0	35
18:30	3	0	0	0	0	0	0	3	17	4	1	0	0	0	0	22
18:45	3	0	0	0	0	0	0	3	27	2	0	0	0	0	0	29
H/TOT	15	1	0	0	0	0	0	16	113	10	5	0	0	1	0	129
P/TOT	38	9	2	0	0	0	0	49	582	78	24	8	1	4	0	697

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)



DATE: 18/11/2021

DAY: THURSDAY

TIME	A TO D							
	FROM CEMETERY RD TO SHEFFIELD RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	2	0	0	0	0	0	0	2
07:15	3	0	0	1	0	0	0	4
07:30	3	1	0	0	0	0	0	4
07:45	3	2	2	0	0	0	0	7
H/TOT	11	3	2	1	0	0	0	17
08:00	3	0	0	1	0	0	0	4
08:15	5	1	1	0	0	0	0	7
08:30	8	0	1	0	0	0	0	9
08:45	6	0	0	0	0	0	0	6
H/TOT	22	1	2	1	0	0	0	26
09:00	5	2	1	2	0	0	0	10
09:15	3	0	0	0	0	0	0	3
09:30	3	1	0	0	0	0	0	4
09:45	4	0	0	1	0	0	0	5
H/TOT	15	3	1	3	0	0	0	22
P/TOT	48	7	5	5	0	0	0	65

	B TO A							
	FROM SHEFFIELD RD (S) TO CEMETERY RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
4	0	0	1	0	0	0	0	5
1	0	0	1	0	0	0	0	2
1	0	1	0	0	0	0	0	2
1	2	0	0	0	0	0	0	3
7	2	1	2	0	0	0	0	12
1	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	3
1	0	0	0	0	0	0	0	1
1	1	1	0	0	0	0	0	3
6	1	1	0	0	0	0	0	8
3	0	0	0	0	0	0	0	3
2	1	0	0	0	0	0	0	3
0	3	0	0	0	0	0	0	3
2	2	1	0	0	0	0	0	5
7	6	1	0	0	0	0	0	14
20	9	3	2	0	0	0	0	34

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

DATE: 18/11/2021

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)

DAY: THURSDAY

TIME	A TO D							
	FROM CEMETERY RD TO SHEFFIELD RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	0	0	0	0	0	0	0	0
14:15	5	2	0	0	0	0	0	7
14:30	7	1	0	0	0	0	0	8
14:45	4	1	0	0	0	0	0	5
H/TOT	16	4	0	0	0	0	0	20
15:00	4	1	0	1	0	0	0	6
15:15	1	0	0	0	0	0	1	2
15:30	7	2	0	0	0	0	0	9
15:45	6	1	0	0	0	0	0	7
H/TOT	18	4	0	1	0	0	1	24
16:00	5	2	0	0	0	0	0	7
16:15	5	0	0	0	0	0	0	5
16:30	7	1	0	0	0	0	0	8
16:45	5	0	1	0	0	0	0	6
H/TOT	22	3	1	0	0	0	0	26
17:00	4	2	0	0	0	0	0	6
17:15	4	0	0	0	0	0	0	4
17:30	5	0	0	0	0	0	0	5
17:45	5	0	0	0	0	0	0	5
H/TOT	18	2	0	0	0	0	0	20
18:00	7	2	0	0	0	1	0	10
18:15	8	1	0	0	0	0	0	9
18:30	5	2	0	0	0	0	0	7
18:45	2	0	0	0	0	0	0	2
H/TOT	22	5	0	0	0	1	0	28
P/TOT	96	18	1	1	0	1	1	118

	B TO A							
	FROM SHEFFIELD RD (S) TO CEMETERY RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
2	0	1	0	0	0	0	0	3
1	1	1	0	0	0	0	0	3
4	1	0	1	0	0	0	0	6
1	1	0	0	0	0	0	0	2
8	3	2	1	0	0	0	0	14
3	1	0	0	0	0	0	0	4
3	1	0	0	0	0	0	0	4
7	1	0	0	0	0	0	0	8
1	0	0	0	0	0	0	0	1
14	3	0	0	0	0	0	0	17
1	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	2
1	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	4
8	0	0	0	0	0	0	0	8
3	1	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	5
7	1	0	0	0	0	0	0	8
2	1	0	0	0	0	0	0	3
17	3	0	0	0	0	0	0	20
4	1	0	0	0	0	0	0	5
1	1	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	6
3	1	0	0	0	0	0	0	4
14	3	0	0	0	0	0	0	17
61	12	2	1	0	0	0	0	76

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)



DATE: 18/11/2021

DAY: THURSDAY

TIME	B TO C							
	FROM SHEFFIELD RD (S) TO PARK RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	8	3	1	1	0	0	1	14
07:15	10	4	0	0	0	0	0	14
07:30	15	4	0	0	1	0	0	20
07:45	18	2	0	0	0	1	0	21
H/TOT	51	13	1	1	1	1	1	69
08:00	26	5	1	0	0	0	0	32
08:15	14	2	2	0	0	0	1	19
08:30	13	4	1	0	2	0	0	20
08:45	19	2	0	0	0	0	0	21
H/TOT	72	13	4	0	2	0	1	92
09:00	13	9	1	0	0	0	1	24
09:15	10	6	0	0	0	0	0	16
09:30	10	5	0	0	0	0	0	15
09:45	15	1	0	0	0	0	0	16
H/TOT	48	21	1	0	0	0	1	71
P/TOT	171	47	6	1	3	1	3	232

	B TO D							
	FROM SHEFFIELD RD (S) TO SHEFFIELD RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
53	6	3	1	1	2	0	0	66
68	17	5	0	3	1	0	0	94
88	21	1	0	2	0	0	0	112
103	18	3	0	4	2	0	0	130
312	62	12	1	10	5	0	0	402
121	16	0	0	1	1	0	0	139
119	9	1	2	2	0	0	0	133
137	15	4	2	1	1	0	0	160
116	21	6	1	3	1	0	0	148
493	61	11	5	7	3	0	0	580
113	14	3	2	0	1	0	0	133
76	11	2	0	3	0	0	0	92
80	12	3	1	5	0	0	0	101
101	7	0	0	2	0	0	0	110
370	44	8	3	10	1	0	0	436
1175	167	31	9	27	9	0	0	1418

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)



DATE: 18/11/2021

DAY: THURSDAY

TIME	B TO C							
	FROM SHEFFIELD RD (S) TO PARK RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	18	0	0	0	0	0	0	18
14:15	12	4	0	0	0	0	0	16
14:30	21	1	0	0	0	0	0	22
14:45	15	2	0	0	0	0	0	17
H/TOT	66	7	0	0	0	0	0	73
15:00	14	2	0	0	0	0	0	16
15:15	17	3	1	0	0	0	0	21
15:30	9	3	0	0	0	0	0	12
15:45	15	3	1	0	0	0	0	19
H/TOT	55	11	2	0	0	0	0	68
16:00	15	3	1	0	0	0	0	19
16:15	14	1	0	0	0	0	0	15
16:30	12	2	2	0	0	0	0	16
16:45	12	2	3	0	0	0	0	17
H/TOT	53	8	6	0	0	0	0	67
17:00	16	1	0	0	0	0	0	17
17:15	16	2	0	0	0	0	0	18
17:30	22	3	0	0	0	1	0	26
17:45	20	0	0	0	0	0	0	20
H/TOT	74	6	0	0	0	1	0	81
18:00	15	3	0	0	0	0	0	18
18:15	12	1	1	0	0	0	0	14
18:30	19	0	0	0	0	0	0	19
18:45	9	1	0	0	0	0	0	10
H/TOT	55	5	1	0	0	0	0	61
P/TOT	303	37	9	0	0	1	0	350

	B TO D							
	FROM SHEFFIELD RD (S) TO SHEFFIELD RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
79	12	6	1	2	0	0	0	100
107	12	1	0	1	0	0	0	121
108	15	2	2	2	1	0	0	130
95	11	2	0	4	0	0	0	112
389	50	11	3	9	1	0	0	463
93	14	3	0	0	1	0	0	111
95	15	2	1	2	0	0	0	115
91	16	2	1	3	0	0	0	113
115	19	0	0	2	1	0	0	137
394	64	7	2	7	2	0	0	476
107	16	3	0	3	1	0	0	130
100	14	0	0	2	3	0	0	119
111	13	3	1	3	2	0	0	133
111	13	2	0	0	2	0	0	128
429	56	8	1	8	8	0	0	510
85	9	3	0	1	0	0	0	98
102	9	2	1	3	1	0	0	118
86	12	1	1	1	0	0	0	101
108	9	1	0	2	1	0	0	121
381	39	7	2	7	2	0	0	438
98	8	0	0	3	0	0	0	109
87	10	1	0	1	1	0	0	100
93	3	0	0	3	0	0	0	99
65	3	0	0	3	0	0	0	71
343	24	1	0	10	1	0	0	379
1936	233	34	8	41	14	0	0	2266

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)



DATE: 18/11/2021

DAY: THURSDAY

TIME	C TO A							
	FROM PARK RD TO CEMETERY RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	25	9	1	0	0	0	0	35
07:15	34	5	2	0	0	0	0	41
07:30	51	10	3	0	0	0	0	64
07:45	46	10	2	1	0	0	0	59
H/TOT	156	34	8	1	0	0	0	199
08:00	45	11	0	0	0	1	0	57
08:15	49	8	2	2	0	0	0	61
08:30	43	5	2	0	0	0	0	50
08:45	39	11	1	1	0	0	0	52
H/TOT	176	35	5	3	0	1	0	220
09:00	51	9	2	0	0	0	0	62
09:15	43	12	2	1	1	0	0	59
09:30	36	10	0	1	0	0	0	47
09:45	50	5	2	1	0	0	0	58
H/TOT	180	36	6	3	1	0	0	226
P/TOT	512	105	19	7	1	1	0	645

	C TO B							
	FROM PARK RD TO SHEFFIELD RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
5	1	0	0	0	0	0	0	6
9	1	1	0	0	0	0	0	11
9	0	0	0	0	0	0	0	9
11	1	2	0	0	0	0	0	14
34	3	3	0	0	0	0	0	40
14	4	0	0	0	0	0	0	18
11	2	0	0	0	0	0	0	13
14	4	0	0	0	0	0	0	18
14	4	0	0	0	0	0	0	18
53	14	0	0	0	0	0	0	67
15	3	0	0	0	0	0	0	18
20	1	1	0	1	0	0	0	23
12	3	0	0	0	0	0	0	15
13	3	0	0	0	0	0	0	16
60	10	1	0	1	0	0	0	72
147	27	4	0	1	0	0	0	179

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)

DATE: 18/11/2021

DAY: THURSDAY

TIME	C TO A							
	FROM PARK RD TO CEMETERY RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	36	7	2	0	0	0	0	45
14:15	45	9	1	1	1	1	0	58
14:30	41	4	1	1	0	0	0	47
14:45	38	10	2	2	0	0	0	52
H/TOT	160	30	6	4	1	1	0	202
15:00	33	11	0	1	1	1	0	47
15:15	48	7	3	0	0	0	0	58
15:30	42	6	0	0	0	0	0	48
15:45	63	10	3	1	1	0	0	78
H/TOT	186	34	6	2	2	1	0	231
16:00	59	11	2	0	0	0	0	72
16:15	56	4	2	0	0	0	0	62
16:30	49	11	0	0	0	0	0	60
16:45	60	5	1	0	0	0	0	66
H/TOT	224	31	5	0	0	0	0	260
17:00	49	5	1	1	0	0	0	56
17:15	61	8	0	0	0	0	0	69
17:30	49	1	1	0	0	1	0	52
17:45	41	6	1	0	0	0	0	48
H/TOT	200	20	3	1	0	1	0	225
18:00	45	5	0	0	0	0	0	50
18:15	50	2	1	0	0	0	0	53
18:30	30	7	0	0	0	0	0	37
18:45	42	1	0	0	0	0	0	43
H/TOT	167	15	1	0	0	0	0	183
P/TOT	937	130	21	7	3	3	0	1101

	C TO B							
	FROM PARK RD TO SHEFFIELD RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
18	1	1	0	0	0	0	0	20
24	0	0	0	0	0	0	0	24
32	1	0	0	0	0	0	0	33
23	5	0	0	0	0	0	0	28
97	7	1	0	0	0	0	0	105
28	6	0	0	1	0	0	0	35
23	2	1	0	1	0	0	0	27
34	4	0	0	0	0	0	0	38
27	3	0	0	0	0	0	0	30
112	15	1	0	2	0	0	0	130
33	2	0	0	0	0	0	0	35
35	4	1	0	0	0	0	0	40
37	2	1	0	0	0	0	0	40
19	3	1	0	0	0	0	0	23
124	11	3	0	0	0	0	0	138
26	2	0	0	0	0	0	0	28
30	2	1	0	0	0	0	0	33
30	1	1	0	0	0	0	0	32
19	2	0	0	0	0	1	0	22
105	7	2	0	0	0	1	0	115
19	3	0	0	0	0	0	0	22
27	1	0	0	0	0	0	0	28
18	4	0	0	0	0	0	0	22
13	0	0	0	0	0	0	0	13
77	8	0	0	0	0	0	0	85
515	48	7	0	2	1	0	0	573

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)



DATE: 18/11/2021

DAY: THURSDAY

TIME	C TO D							
	FROM PARK RD TO SHEFFIELD RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	7	2	0	0	0	0	0	9
07:15	11	4	0	0	0	0	0	15
07:30	5	2	1	0	0	0	0	8
07:45	9	1	0	0	0	0	0	10
H/TOT	32	9	1	0	0	0	0	42
08:00	12	2	0	0	0	0	0	14
08:15	12	5	0	0	0	0	0	17
08:30	14	3	1	0	0	0	0	18
08:45	10	2	0	0	0	0	0	12
H/TOT	48	12	1	0	0	0	0	61
09:00	19	2	0	0	0	0	0	21
09:15	20	2	1	0	0	0	0	23
09:30	13	3	2	0	0	0	0	18
09:45	9	3	0	0	0	0	0	12
H/TOT	61	10	3	0	0	0	0	74
P/TOT	141	31	5	0	0	0	0	177

	D TO A							
	FROM SHEFFIELD RD (N) TO CEMETERY RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
2	0	0	0	0	0	0	0	2
1	0	0	2	0	0	0	0	3
1	2	0	0	0	0	0	0	3
2	2	0	0	0	0	0	0	4
6	4	0	2	0	0	0	0	12
1	2	0	0	0	0	0	0	3
4	0	1	0	0	0	0	0	5
4	1	0	0	0	0	0	0	5
2	1	1	0	0	0	0	0	4
11	4	2	0	0	0	0	0	17
8	0	0	0	0	0	0	0	8
2	0	0	0	0	0	0	0	2
6	2	0	0	0	0	0	0	8
6	0	0	0	0	0	0	0	6
22	2	0	0	0	0	0	0	24
39	10	2	2	0	0	0	0	53

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

DATE: 18/11/2021

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)

DAY: THURSDAY

TIME	C TO D							
	FROM PARK RD TO SHEFFIELD RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	16	3	1	0	0	1	0	21
14:15	14	3	0	0	0	0	0	17
14:30	14	0	1	0	0	0	0	15
14:45	13	5	0	0	0	0	0	18
H/TOT	57	11	2	0	0	1	0	71
15:00	13	2	0	0	1	0	0	16
15:15	16	2	0	0	0	0	0	18
15:30	18	2	0	0	1	0	0	21
15:45	15	4	1	0	0	0	0	20
H/TOT	62	10	1	0	2	0	0	75
16:00	17	2	0	0	0	0	0	19
16:15	8	3	0	0	0	0	0	11
16:30	17	4	1	0	0	0	0	22
16:45	14	1	0	0	0	0	0	15
H/TOT	56	10	1	0	0	0	0	67
17:00	9	3	0	0	0	0	0	12
17:15	15	1	0	0	0	0	0	16
17:30	17	0	0	0	0	0	0	17
17:45	8	1	0	0	0	0	0	9
H/TOT	49	5	0	0	0	0	0	54
18:00	13	1	0	0	0	0	0	14
18:15	13	0	0	0	0	0	0	13
18:30	17	1	0	0	0	0	0	18
18:45	8	1	0	0	0	1	0	10
H/TOT	51	3	0	0	0	1	0	55
P/TOT	275	39	4	0	2	2	0	322

	D TO A							
	FROM SHEFFIELD RD (N) TO CEMETERY RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
10	1	1	1	0	0	0	0	13
4	1	0	0	0	0	0	0	5
10	4	0	0	0	0	1	0	15
5	1	0	0	0	0	0	0	6
29	7	1	1	0	0	1	0	39
7	1	0	0	0	0	0	0	8
7	1	0	0	0	0	0	0	8
13	3	0	0	0	0	0	0	16
4	1	0	0	0	0	0	0	5
31	6	0	0	0	0	0	0	37
7	0	0	0	0	0	0	0	7
9	0	0	0	0	0	0	0	9
11	0	0	0	0	0	0	0	11
8	3	0	0	0	0	0	0	11
35	3	0	0	0	0	0	0	38
5	2	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	8
8	2	1	0	0	0	0	0	11
12	0	0	0	0	0	0	0	12
33	4	1	0	0	0	0	0	38
10	0	0	0	0	0	0	0	10
8	0	0	0	0	0	0	0	8
10	0	0	0	0	0	0	0	10
9	0	0	0	0	0	0	0	9
37	0	0	0	0	0	0	0	37
165	20	2	1	0	1	0	0	189

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)



DATE: 18/11/2021

DAY: THURSDAY

TIME	D TO B							
	FROM SHEFFIELD RD (N) TO SHEFFIELD RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	46	14	1	0	1	3	0	65
07:15	45	18	3	1	2	0	1	70
07:30	61	15	4	1	2	2	0	85
07:45	94	34	5	1	0	1	0	135
H/TOT	246	81	13	3	5	6	1	355
08:00	69	14	6	1	3	0	1	94
08:15	91	32	7	1	1	0	0	132
08:30	88	17	2	0	3	0	0	110
08:45	71	16	7	0	3	0	0	97
H/TOT	319	79	22	2	10	0	1	433
09:00	86	15	5	1	2	0	0	109
09:15	68	18	3	1	2	0	0	92
09:30	83	14	1	0	2	0	0	100
09:45	68	18	0	2	2	1	0	91
H/TOT	305	65	9	4	8	1	0	392
P/TOT	870	225	44	9	23	7	2	1180

	D TO C							
	FROM SHEFFIELD RD (N) TO PARK RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
6	2	0	0	0	0	0	0	8
6	1	0	0	0	0	0	0	7
13	6	0	0	0	0	0	0	19
8	4	0	0	1	0	0	0	13
33	13	0	0	1	0	0	0	47
20	3	1	0	1	0	0	0	25
15	4	1	0	0	0	0	0	20
26	1	2	0	0	0	0	0	29
16	6	2	0	1	0	0	0	25
77	14	6	0	2	0	0	0	99
15	4	1	1	0	0	0	0	21
13	2	2	1	0	0	0	0	18
9	4	0	0	0	0	0	0	13
12	7	0	0	0	0	0	0	19
49	17	3	2	0	0	0	0	71
159	44	9	2	3	0	0	0	217

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)

DATE: 18/11/2021

DAY: THURSDAY

TIME	D TO B							
	FROM SHEFFIELD RD (N) TO SHEFFIELD RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	103	14	5	0	3	0	0	125
14:15	80	13	2	0	1	1	0	97
14:30	101	12	0	3	1	2	0	119
14:45	123	16	0	0	1	0	0	140
H/TOT	407	55	7	3	6	3	0	481
15:00	135	13	4	0	3	2	0	157
15:15	131	20	1	0	2	2	0	156
15:30	117	17	1	0	0	1	0	136
15:45	121	26	2	0	2	3	0	154
H/TOT	504	76	8	0	7	8	0	603
16:00	122	22	2	0	3	2	0	151
16:15	133	10	1	1	3	3	0	151
16:30	118	17	1	0	0	0	0	136
16:45	114	14	1	1	3	1	0	134
H/TOT	487	63	5	2	9	6	0	572
17:00	133	20	1	0	4	0	0	158
17:15	135	9	1	0	2	0	0	147
17:30	112	14	0	1	2	0	0	129
17:45	110	17	0	0	1	0	0	128
H/TOT	490	60	2	1	9	0	0	562
18:00	99	9	1	0	1	2	0	112
18:15	100	12	2	0	0	4	0	118
18:30	104	7	0	0	2	0	0	113
18:45	80	12	0	0	0	1	0	93
H/TOT	383	40	3	0	3	7	0	436
P/TOT	2271	294	25	6	34	24	0	2654

	D TO C							
	FROM SHEFFIELD RD (N) TO PARK RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
12	1	0	1	0	0	0	0	14
13	4	0	0	1	0	0	0	18
13	3	0	0	0	2	0	0	18
20	3	0	0	2	0	0	0	25
58	11	0	1	3	2	0	0	75
21	3	1	1	0	0	0	0	26
22	6	1	1	2	0	0	0	32
23	1	0	0	0	0	0	0	24
19	4	0	1	0	0	0	0	24
85	14	2	3	2	0	0	0	106
21	3	2	0	1	0	0	0	27
21	7	0	0	0	0	0	0	28
20	1	1	0	0	0	0	0	22
25	0	0	0	0	0	0	0	25
87	11	3	0	1	0	0	0	102
29	3	0	0	0	0	0	0	32
15	2	1	0	0	0	0	0	18
19	3	0	0	0	0	0	0	22
18	1	0	0	0	0	0	0	19
81	9	1	0	0	0	0	0	91
21	2	0	0	0	0	0	0	23
22	0	0	0	0	0	0	0	22
15	0	0	0	0	0	0	0	15
26	0	0	0	0	0	0	0	26
84	2	0	0	0	0	0	0	86
395	47	6	4	6	2	0	0	460

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM A CEMETERY RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	31	9	1	1	0	0	0	42
07:15	36	5	2	3	0	0	0	46
07:30	53	12	4	0	0	0	0	69
07:45	49	14	2	1	0	0	0	66
H/TOT	169	40	9	5	0	0	0	223
08:00	47	13	0	0	0	1	0	61
08:15	56	8	3	2	0	0	0	69
08:30	48	6	2	0	0	0	0	56
08:45	42	13	3	1	0	0	0	59
H/TOT	193	40	8	3	0	1	0	245
09:00	62	9	2	0	0	0	0	73
09:15	47	13	2	1	1	0	0	64
09:30	42	15	0	1	0	0	0	58
09:45	58	7	3	1	0	0	0	69
H/TOT	209	44	7	3	1	0	0	264
P/TOT	571	124	24	11	1	1	0	732

FROM ARM A CEMETERY RD							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
30	15	4	0	0	0	0	49
50	18	2	1	0	0	0	71
47	11	3	0	0	0	0	61
35	12	2	0	0	0	0	49
162	56	11	1	0	0	0	230
22	11	5	2	0	0	0	40
29	7	3	1	0	0	0	40
33	3	3	1	0	0	0	40
32	6	3	0	1	0	0	42
116	27	14	4	1	0	0	162
23	15	2	2	0	0	0	42
31	8	8	1	0	0	0	48
28	14	4	2	0	0	0	48
31	9	1	1	0	0	0	42
113	46	15	6	0	0	0	180
391	129	40	11	1	0	0	572

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)

DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM A CEMETERY RD								FROM ARM A CEMETERY RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	48	8	4	1	0	0	0	61	32	4	2	0	0	0	0	38
14:15	50	11	2	1	1	1	0	66	35	4	2	0	0	1	0	42
14:30	55	9	1	2	0	1	0	68	31	7	2	1	0	0	0	41
14:45	44	12	2	2	0	0	0	60	35	13	1	0	0	0	0	49
H/TOT	197	40	9	6	1	2	0	255	133	28	7	1	0	1	0	170
15:00	43	13	0	1	1	1	0	59	33	8	2	1	0	0	0	44
15:15	58	9	3	0	0	0	0	70	31	4	3	2	0	1	1	42
15:30	62	10	0	0	0	0	0	72	42	3	3	0	0	0	0	48
15:45	68	11	3	1	1	0	0	84	35	6	1	1	0	1	0	44
H/TOT	231	43	6	2	2	1	0	285	141	21	9	4	0	2	1	178
16:00	67	11	2	0	0	0	0	80	32	12	0	1	0	0	0	45
16:15	67	4	2	0	0	0	0	73	28	3	0	1	1	0	0	33
16:30	61	11	0	0	0	0	0	72	35	6	1	1	0	0	0	43
16:45	72	8	1	0	0	0	0	81	45	3	3	0	0	0	0	51
H/TOT	267	34	5	0	0	0	0	306	140	24	4	3	1	0	0	172
17:00	57	8	1	1	0	0	0	67	36	7	0	0	0	0	0	43
17:15	74	8	0	0	0	0	0	82	40	2	0	0	0	0	0	42
17:30	64	4	2	0	0	1	0	71	34	5	1	0	0	0	0	40
17:45	55	7	1	0	0	0	0	63	42	2	1	1	0	0	0	46
H/TOT	250	27	4	1	0	1	0	283	152	16	2	1	0	0	0	171
18:00	59	6	0	0	0	0	0	65	48	7	1	0	0	1	0	57
18:15	59	3	1	0	0	0	0	63	45	1	3	0	0	1	0	50
18:30	46	7	0	0	0	0	0	53	25	6	1	0	0	0	0	32
18:45	54	2	0	0	0	0	0	56	32	2	0	0	0	0	0	34
H/TOT	218	18	1	0	0	0	0	237	150	16	5	0	0	2	0	173
P/TOT	1163	162	25	9	3	4	0	1366	716	105	27	9	1	5	1	864

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM B SHEFFIELD RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	52	15	1	0	1	3	0	72
07:15	55	19	4	1	2	0	1	82
07:30	73	16	4	1	2	2	0	98
07:45	105	36	7	1	0	1	0	150
H/TOT	285	86	16	3	5	6	1	402
08:00	84	20	7	1	3	0	1	116
08:15	102	34	7	1	1	0	0	145
08:30	102	21	2	0	3	0	0	128
08:45	86	20	7	0	3	0	0	116
H/TOT	374	95	23	2	10	0	1	505
09:00	101	20	5	1	2	0	0	129
09:15	90	20	7	1	3	0	0	121
09:30	96	17	1	0	2	0	0	116
09:45	83	22	0	2	2	1	0	110
H/TOT	370	79	13	4	9	1	0	476
P/TOT	1029	260	52	9	24	7	2	1383

FROM ARM B SHEFFIELD RD (S)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
65	9	4	3	1	2	1	85
79	21	5	1	3	1	0	110
104	25	2	0	3	0	0	134
122	22	3	0	4	3	0	154
370	77	14	4	11	6	1	483
148	21	1	0	1	1	0	172
136	11	3	2	2	0	1	155
151	19	5	2	3	1	0	181
136	24	7	1	3	1	0	172
571	75	16	5	9	3	1	680
129	23	4	2	0	1	1	160
88	18	2	0	3	0	0	111
90	20	3	1	5	0	0	119
118	10	1	0	2	0	0	131
425	71	10	3	10	1	1	521
1366	223	40	12	30	10	3	1684

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)

DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM B SHEFFIELD RD (S)								FROM ARM B SHEFFIELD RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	121	15	6	0	3	0	0	145	99	12	7	1	2	0	0	121
14:15	106	13	2	0	1	1	0	123	120	17	2	0	1	0	0	140
14:30	134	14	1	3	1	2	0	155	133	17	2	3	2	1	0	158
14:45	147	24	0	0	1	0	0	172	111	14	2	0	4	0	0	131
H/TOT	508	66	9	3	6	3	0	595	463	60	13	4	9	1	0	550
15:00	164	21	5	0	4	2	0	196	110	17	3	0	0	1	0	131
15:15	156	22	2	0	3	2	0	185	115	19	3	1	2	0	0	140
15:30	153	21	1	0	0	1	0	176	107	20	2	1	3	0	0	133
15:45	148	30	2	0	2	3	0	185	131	22	1	0	2	1	0	157
H/TOT	621	94	10	0	9	8	0	742	463	78	9	2	7	2	0	561
16:00	157	24	2	0	3	2	0	188	123	19	4	0	3	1	0	150
16:15	168	15	2	1	3	3	0	192	116	15	0	0	2	3	0	136
16:30	157	19	2	0	0	0	0	178	124	15	5	1	3	2	0	150
16:45	134	17	2	1	3	1	0	158	127	15	5	0	0	2	0	149
H/TOT	616	75	8	2	9	6	0	716	490	64	14	1	8	8	0	585
17:00	159	22	1	0	4	0	0	186	104	11	3	0	1	0	0	119
17:15	168	11	2	0	2	0	0	183	123	11	2	1	3	1	0	141
17:30	144	15	1	1	2	0	0	163	115	16	1	1	1	1	0	135
17:45	133	19	0	0	1	1	0	154	130	10	1	0	2	1	0	144
H/TOT	604	67	4	1	9	1	0	686	472	48	7	2	7	3	0	539
18:00	121	13	1	0	1	2	0	138	117	12	0	0	3	0	0	132
18:15	133	13	2	0	0	4	0	152	100	12	2	0	1	1	0	116
18:30	125	11	0	0	2	0	0	138	118	3	0	0	3	0	0	124
18:45	96	12	0	0	0	1	0	109	77	5	0	0	3	0	0	85
H/TOT	475	49	3	0	3	7	0	537	412	32	2	0	10	1	0	457
P/TOT	2824	351	34	6	36	25	0	3276	2300	282	45	9	41	15	0	2692

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM C PARK RD								FROM ARM C PARK RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	41	20	5	1	0	0	1	68	37	12	1	0	0	0	0	50
07:15	62	23	2	0	0	0	0	87	54	10	3	0	0	0	0	67
07:30	69	19	3	0	1	0	0	92	65	12	4	0	0	0	0	81
07:45	58	15	0	0	1	1	0	75	66	12	4	1	0	0	0	83
H/TOT	230	77	10	1	2	1	1	322	222	46	12	1	0	0	0	281
08:00	64	17	6	1	1	0	0	89	71	17	0	0	0	1	0	89
08:15	53	12	5	1	0	0	1	72	72	15	2	2	0	0	0	91
08:30	64	8	5	1	2	0	0	80	71	12	3	0	0	0	0	86
08:45	60	14	5	0	2	0	0	81	63	17	1	1	0	0	0	82
H/TOT	241	51	21	3	5	0	1	322	277	61	6	3	0	1	0	348
09:00	46	24	3	1	0	0	1	75	85	14	2	0	0	0	0	101
09:15	49	15	7	2	0	0	0	73	83	15	4	1	2	0	0	105
09:30	43	22	4	2	0	0	0	71	61	16	2	1	0	0	0	80
09:45	52	16	1	0	0	0	0	69	72	11	2	1	0	0	0	86
H/TOT	190	77	15	5	0	0	1	288	301	56	10	3	2	0	0	372
P/TOT	661	205	46	9	7	1	3	932	800	163	28	7	2	1	0	1001

MANUAL CLASSIFIED COUNTS

JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)



DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM C PARK RD								FROM ARM C PARK RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	62	5	2	1	0	0	0	70	70	11	4	0	0	1	0	86
14:15	53	10	2	0	1	1	0	67	83	12	1	1	1	1	0	99
14:30	57	9	1	1	0	2	0	70	87	5	2	1	0	0	0	95
14:45	65	14	1	0	2	0	0	82	74	20	2	2	0	0	0	98
H/TOT	237	38	6	2	3	3	0	289	314	48	9	4	1	2	0	378
15:00	63	10	2	1	0	0	0	76	74	19	0	1	3	1	0	98
15:15	67	13	5	3	2	1	0	91	87	11	4	0	1	0	0	103
15:30	65	5	3	0	0	0	0	73	94	12	0	0	1	0	0	107
15:45	63	11	2	2	0	1	0	79	105	17	4	1	1	0	0	128
H/TOT	258	39	12	6	2	2	0	319	360	59	8	2	6	1	0	436
16:00	61	16	3	1	1	0	0	82	109	15	2	0	0	0	0	126
16:15	58	10	0	1	1	0	0	70	99	11	3	0	0	0	0	113
16:30	58	8	4	1	0	0	0	71	103	17	2	0	0	0	0	122
16:45	76	5	5	0	0	0	0	86	93	9	2	0	0	0	0	104
H/TOT	253	39	12	3	2	0	0	309	404	52	9	0	0	0	0	465
17:00	77	9	0	0	0	0	0	86	84	10	1	1	0	0	0	96
17:15	64	6	1	0	0	0	0	71	106	11	1	0	0	0	0	118
17:30	68	11	1	0	0	1	0	81	96	2	2	0	0	1	0	101
17:45	71	3	1	1	0	0	0	76	68	9	1	0	0	1	0	79
H/TOT	280	29	3	1	0	1	0	314	354	32	5	1	0	2	0	394
18:00	74	9	1	0	0	0	0	84	77	9	0	0	0	0	0	86
18:15	65	1	4	0	0	1	0	71	90	3	1	0	0	0	0	94
18:30	51	4	1	0	0	0	0	56	65	12	0	0	0	0	0	77
18:45	62	3	0	0	0	0	0	65	63	2	0	0	0	1	0	66
H/TOT	252	17	6	0	0	1	0	276	295	26	1	0	0	1	0	323
P/TOT	1280	162	39	12	7	7	0	1507	1727	217	32	7	7	6	0	1996

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)

DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM D SHEFFIELD RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	62	8	3	1	1	2	0	77
07:15	82	21	5	1	3	1	0	113
07:30	96	24	2	0	2	0	0	124
07:45	115	21	5	0	4	2	0	147
H/TOT	355	74	15	2	10	5	0	461
08:00	136	18	0	1	1	1	0	157
08:15	136	15	2	2	2	0	0	157
08:30	159	18	6	2	1	1	0	187
08:45	132	23	6	1	3	1	0	166
H/TOT	563	74	14	6	7	3	0	667
09:00	137	18	4	4	0	1	0	164
09:15	99	13	3	0	3	0	0	118
09:30	96	16	5	1	5	0	0	123
09:45	114	10	0	1	2	0	0	127
H/TOT	446	57	12	6	10	1	0	532
P/TOT	1364	205	41	14	27	9	0	1660

FROM ARM D SHEFFIELD RD (N)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
54	16	1	0	1	3	0	75
52	19	3	3	2	0	1	80
75	23	4	1	2	2	0	107
104	40	5	1	1	1	0	152
285	98	13	5	6	6	1	414
90	19	7	1	4	0	1	122
110	36	9	1	1	0	0	157
118	19	4	0	3	0	0	144
89	23	10	0	4	0	0	126
407	97	30	2	12	0	1	549
109	19	6	2	2	0	0	138
83	20	5	2	2	0	0	112
98	20	1	0	2	0	0	121
86	25	0	2	2	1	0	116
376	84	12	6	8	1	0	487
1068	279	55	13	26	7	2	1450

MANUAL CLASSIFIED COUNTS



JOB REF: 10917

JOB NAME: BARNSELEY

SITE: 6

LOCATION: CEMETERY RD / SHEFFIELD RD (S) / PARK RD / SHEFFIELD RD (N)

DATE: 18/11/2021

DAY: THURSDAY

TIME	TO ARM D SHEFFIELD RD (N)								FROM ARM D SHEFFIELD RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	95	15	7	1	2	1	0	121	125	16	6	2	3	0	0	152
14:15	126	17	1	0	1	0	0	145	97	18	2	0	2	1	0	120
14:30	129	16	3	2	2	1	0	153	124	19	0	3	1	5	0	152
14:45	112	17	2	0	4	0	0	135	148	20	0	0	3	0	0	171
H/TOT	462	65	13	3	9	2	0	554	494	73	8	5	9	6	0	595
15:00	110	17	3	1	1	1	0	133	163	17	5	1	3	2	0	191
15:15	112	17	2	1	2	0	1	135	160	27	2	1	4	2	0	196
15:30	116	20	2	1	4	0	0	143	153	21	1	0	0	1	0	176
15:45	136	24	1	0	2	1	0	164	144	31	2	1	2	3	0	183
H/TOT	474	78	8	3	9	2	1	575	620	96	10	3	9	8	0	746
16:00	129	20	3	0	3	1	0	156	150	25	4	0	4	2	0	185
16:15	113	17	0	0	2	3	0	135	163	17	1	1	3	3	0	188
16:30	135	18	4	1	3	2	0	163	149	18	2	0	0	0	0	169
16:45	130	14	3	0	0	2	0	149	147	17	1	1	3	1	0	170
H/TOT	507	69	10	1	8	8	0	603	609	77	8	2	10	6	0	712
17:00	98	14	3	0	1	0	0	116	167	25	1	0	4	0	0	197
17:15	121	10	2	1	3	1	0	138	158	11	2	0	2	0	0	173
17:30	108	12	1	1	1	0	0	123	139	19	1	1	2	0	0	162
17:45	121	10	1	0	2	1	0	135	140	18	0	0	1	0	0	159
H/TOT	448	46	7	2	7	2	0	512	604	73	4	1	9	0	0	691
18:00	118	11	0	0	3	1	0	133	130	11	1	0	1	2	0	145
18:15	108	11	1	0	1	1	0	122	130	12	2	0	0	4	0	148
18:30	115	6	0	0	3	0	0	124	129	7	0	0	2	0	0	138
18:45	75	4	0	0	3	1	0	83	115	12	0	0	0	1	0	128
H/TOT	416	32	1	0	10	3	0	462	504	42	3	0	3	7	0	559
P/TOT	2307	290	39	9	43	17	1	2706	2831	361	33	11	40	27	0	3303

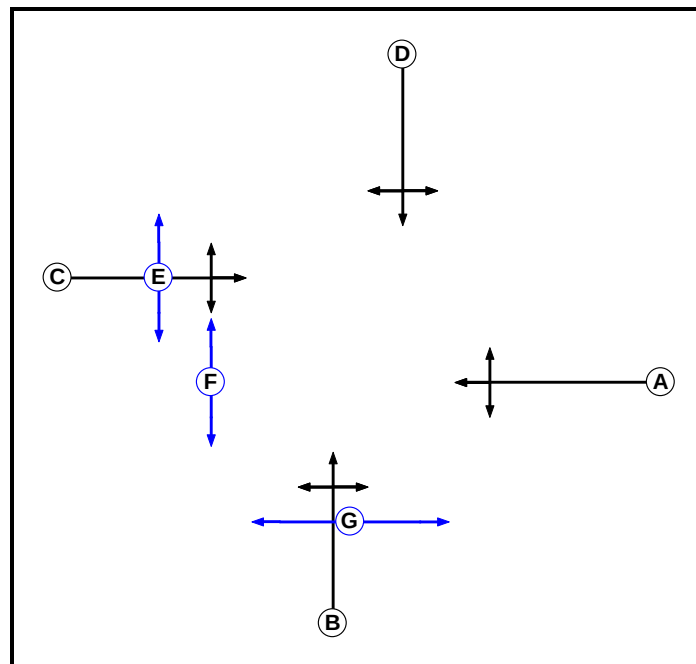
Appendix 10

MTP Results Summary
MTP Results Summary

User and Project Details

Project:	
Title:	
Location:	
File name:	2021-11 A6133-Keresforth Close 21-155.lsg3x
Author:	
Company:	
Address:	
Notes:	

Phase Diagram



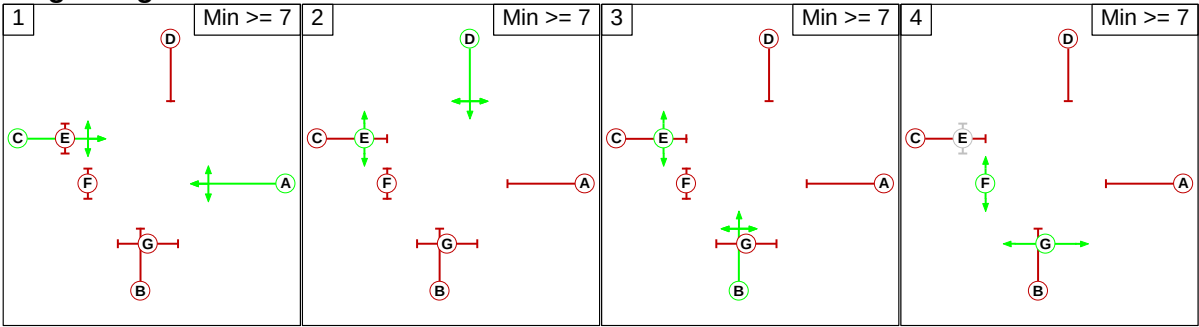
Phase Input Data

Phase Name	Phase Type	Assoc. Phase	Street Min	Cont Min
A	Traffic		7	7
B	Traffic		7	7
C	Traffic		7	7
D	Traffic		7	7
E	Pedestrian		7	7
F	Pedestrian		7	7
G	Pedestrian		7	7

Phase Intergreens Matrix

Terminating Phase	Starting Phase							
		A	B	C	D	E	F	G
	A		5	-	5	-	8	6
	B	5		5	5	-	7	5
	C	-	5		5	5	-	9
	D	5	5	5		-	9	9
	E	-	-	8	-		-	-
	F	8	8	-	8	-		-
	G	9	9	9	9	-	-	

Stage Diagram

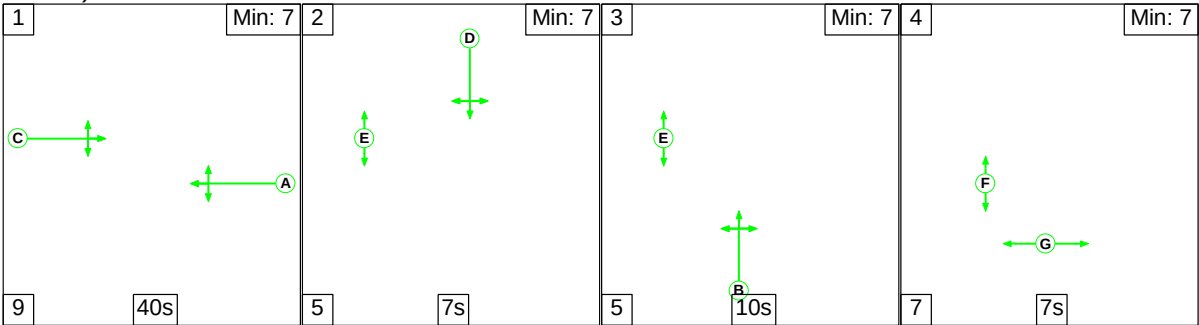


Phase Delays

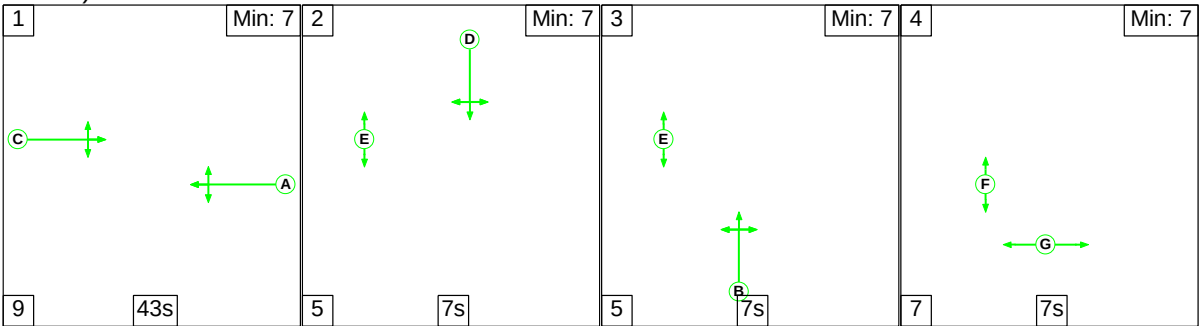
Term. Stage	Start Stage	Phase	Type	Value	Cont value
There are no Phase Delays defined					

Stage Sequence Diagram

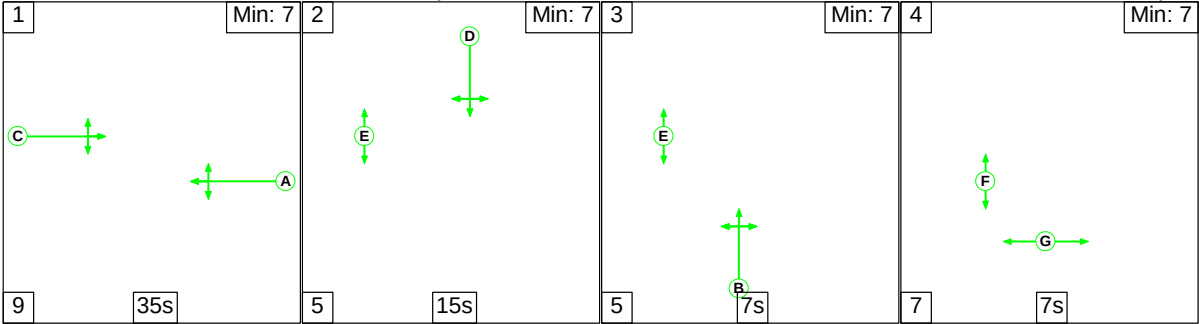
Scenario 1: '2028 Base + Committed Dev AM' (FG1: '2028 Base + Committed Dev AM', Plan 1: 'Network Control Plan 1')



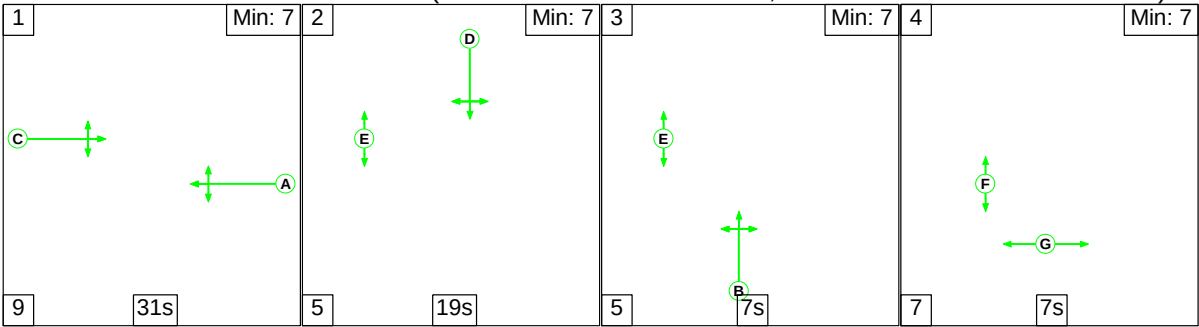
Scenario 2: '2028 Base + Committed Dev PM' (FG2: '2028 Base + Committed Dev PM', Plan 1: 'Network Control Plan 1')



Scenario 3: '2028 Base + Dev AM' (FG3: '2028 Base + Dev AM', Plan 1: 'Network Control Plan 1')

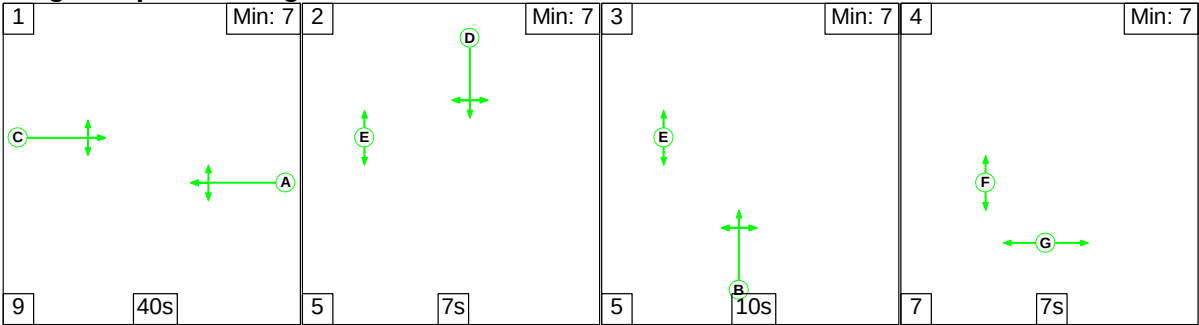


Scenario 4: '2028 Base + Dev PM' (FG4: '2028 Base + Dev PM', Plan 1: 'Network Control Plan 1')



Scenario 1: '2028 Base + Committed Dev AM' (FG1: '2028 Base + Committed Dev AM', Plan 1: 'Network Control Plan 1')

Stage Sequence Diagram



Lane Input Data

Junction: A6133 / Keresforth Close / Assembly Way												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.25	0.00	Y	Arm 6 Ahead	Inf
											Arm 8 Left	11.00
1/2 (A6133 (E))	O	A	2	3	60.0	Geom	-	3.25	0.00	N	Arm 4 Right	15.00
											Arm 6 Ahead	Inf
2/1	U		2	3	60.0	Inf	-	-	-	-	-	-
2/2	U		2	3	60.0	Inf	-	-	-	-	-	-
3/1 (Keresforth Close)	U	D	2	3	60.0	Geom	-	3.00	0.00	Y	Arm 2 Left	15.00
											Arm 6 Right	15.00
4/1	U		2	3	60.0	Inf	-	-	-	-	-	-
5/1 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.25	0.00	Y	Arm 2 Ahead	Inf
											Arm 4 Left	12.50
5/2 (A6133 (W))	O	C	2	3	60.0	Geom	-	3.25	0.00	N	Arm 2 Ahead	Inf
											Arm 8 Right	15.00
6/1	U		2	3	60.0	Inf	-	-	-	-	-	-
6/2	U		2	3	60.0	Inf	-	-	-	-	-	-
7/1 (Assembly Way)	U	B	2	3	60.0	Geom	-	3.50	0.00	Y	Arm 2 Right	30.00
											Arm 4 Ahead	Inf
											Arm 6 Left	18.00
8/1	U		2	3	60.0	Inf	-	-	-	-	-	-

Give-Way Lane Input Data

Junction: A6133 / Keresforth Close / Assembly Way											
Lane	Movement	Max Flow when Giving Way (PCU/Hr)	Min Flow when Giving Way (PCU/Hr)	Opposing Lane	Opp. Lane Coeff.	Opp. Mvmnts.	Right Turn Storage (PCU)	Non-Blocking Storage (PCU)	RTF	Right Turn Move up (s)	Max Turns in Intergreen (PCU)
1/2 (A6133 (E))	4/1 (Right)	1439	0	5/1	1.09	All	2.00	2.00	0.50	2	2.00
				5/2	1.09	All					
5/2 (A6133 (W))	8/1 (Right)	1439	0	1/1	1.09	All	2.00	2.00	0.50	2	2.00
				1/2	1.09	All					

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
1: '2028 Base + Committed Dev AM'	08:00	09:00	01:00	

Traffic Flows, Actual

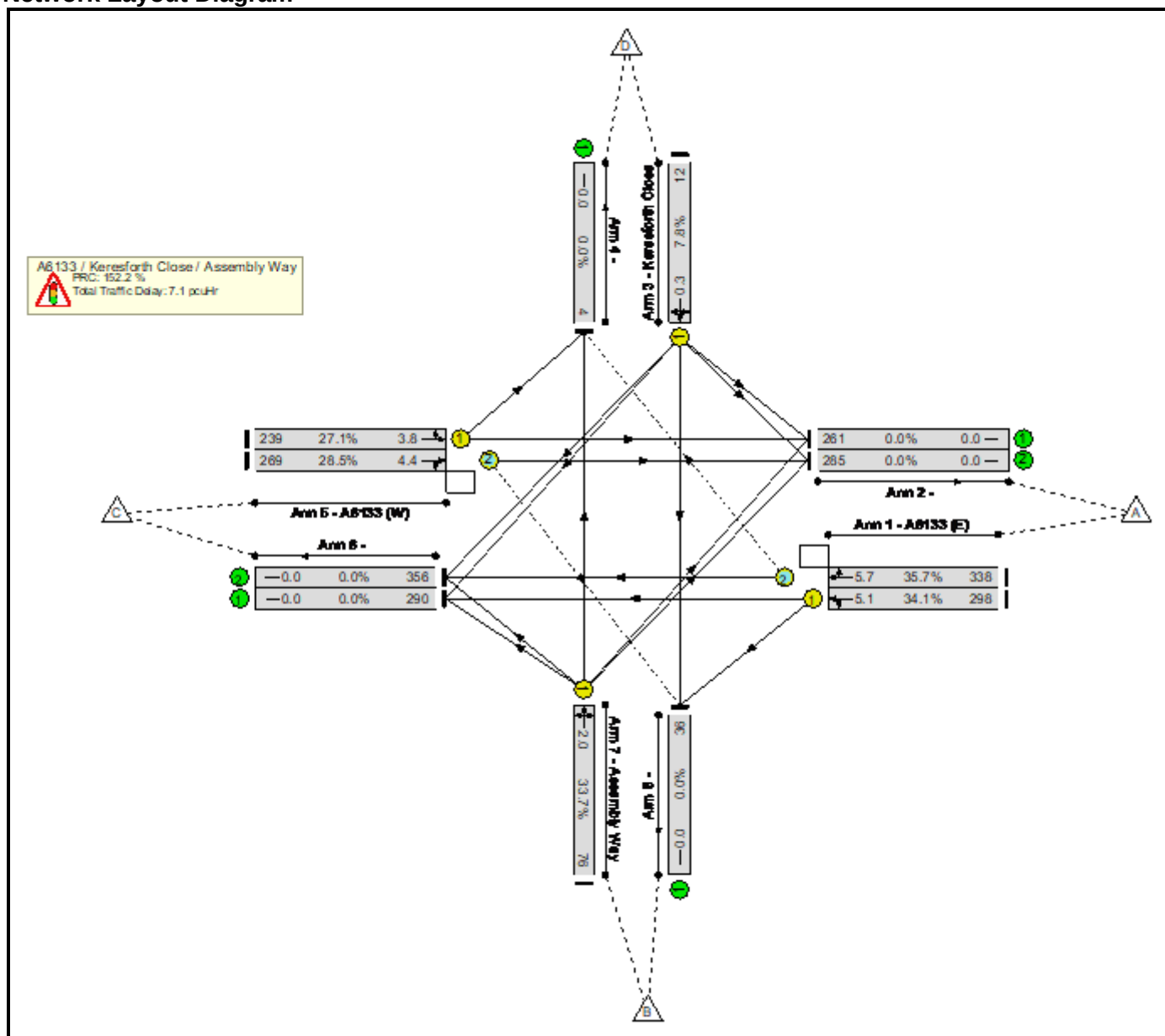
Actual Flow :

	Destination					
Origin		A	B	C	D	Tot.
	A	0	27	608	1	636
	B	44	0	32	0	76
	C	496	9	0	3	508
	D	6	0	6	0	12
	Tot.	546	36	646	4	1232

Network Results

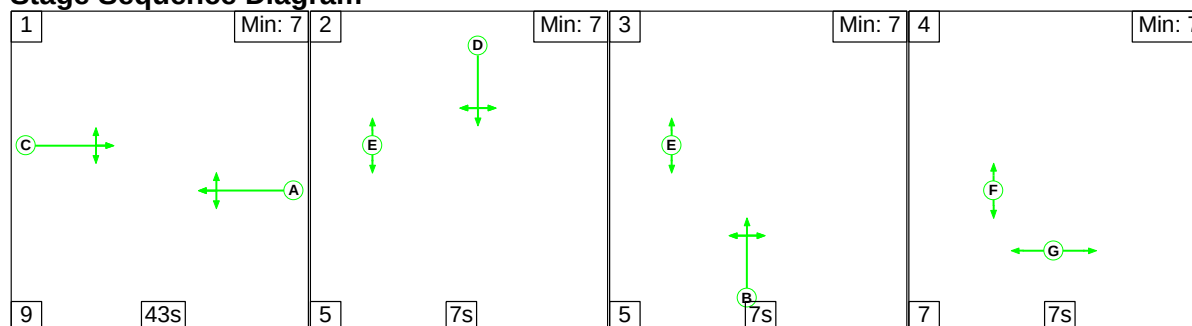
Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Mean Max Queue (pcu)
Network	-	-	-		-	-	-	-	-	-	35.7%	10	0	0	7.1	-
A6133 / Keresforth Close / Assembly Way	-	-	-		-	-	-	-	-	-	35.7%	10	0	0	7.1	-
1/1	A6133 (E) Ahead Left	U	A		1	40	-	298	1916	873	34.1%	-	-	-	1.6	5.1
1/2	A6133 (E) Right Ahead	O	A		1	40	-	338	2079	947	35.7%	1	0	0	1.8	5.7
3/1	Keresforth Close Left Right Ahead	U	D		1	7	-	12	1741	155	7.8%	-	-	-	0.2	0.3
5/1	A6133 (W) Ahead Left	U	C		1	40	-	239	1937	882	27.1%	-	-	-	1.2	3.8
5/2	A6133 (W) Ahead Right	O	C		1	40	-	269	2073	944	28.5%	9	0	0	1.4	4.4
7/1	Assembly Way Right Ahead Left	U	B		1	10	-	76	1847	226	33.7%	-	-	-	1.0	2.0
C1			PRC for Signalled Lanes (%):		152.2		Total Delay for Signalled Lanes (pcuHr):		7.08		Cycle Time (s):		90			
			PRC Over All Lanes (%):		152.2		Total Delay Over All Lanes(pcuHr):		7.08							

MTP Results Summary
Network Layout Diagram



Scenario 2: '2028 Base + Committed Dev PM' (FG2: '2028 Base + Committed Dev PM', Plan 1: 'Network Control Plan 1')

Stage Sequence Diagram



Lane Input Data

Junction: A6133 / Keresforth Close / Assembly Way												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.25	0.00	Y	Arm 6 Ahead	Inf
											Arm 8 Left	11.00
1/2 (A6133 (E))	O	A	2	3	60.0	Geom	-	3.25	0.00	N	Arm 4 Right	15.00
											Arm 6 Ahead	Inf
2/1	U		2	3	60.0	Inf	-	-	-	-	-	-
2/2	U		2	3	60.0	Inf	-	-	-	-	-	-
3/1 (Keresforth Close)	U	D	2	3	60.0	Geom	-	3.00	0.00	Y	Arm 2 Left	15.00
											Arm 6 Right	15.00
4/1	U		2	3	60.0	Inf	-	-	-	-	-	-
5/1 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.25	0.00	Y	Arm 2 Ahead	Inf
											Arm 4 Left	12.50
5/2 (A6133 (W))	O	C	2	3	60.0	Geom	-	3.25	0.00	N	Arm 2 Ahead	Inf
											Arm 8 Right	15.00
6/1	U		2	3	60.0	Inf	-	-	-	-	-	-
6/2	U		2	3	60.0	Inf	-	-	-	-	-	-
7/1 (Assembly Way)	U	B	2	3	60.0	Geom	-	3.50	0.00	Y	Arm 2 Right	30.00
											Arm 4 Ahead	Inf
											Arm 6 Left	18.00
8/1	U		2	3	60.0	Inf	-	-	-	-	-	-

Give-Way Lane Input Data

Junction: A6133 / Keresforth Close / Assembly Way											
Lane	Movement	Max Flow when Giving Way (PCU/Hr)	Min Flow when Giving Way (PCU/Hr)	Opposing Lane	Opp. Lane Coeff.	Opp. Mvmnts.	Right Turn Storage (PCU)	Non-Blocking Storage (PCU)	RTF	Right Turn Move up (s)	Max Turns in Intergreen (PCU)
1/2 (A6133 (E))	4/1 (Right)	1439	0	5/1	1.09	All	2.00	2.00	0.50	2	2.00
				5/2	1.09	All					
5/2 (A6133 (W))	8/1 (Right)	1439	0	1/1	1.09	All	2.00	2.00	0.50	2	2.00
				1/2	1.09	All					

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
2: '2028 Base + Committed Dev PM'	15:00	16:00	01:00	

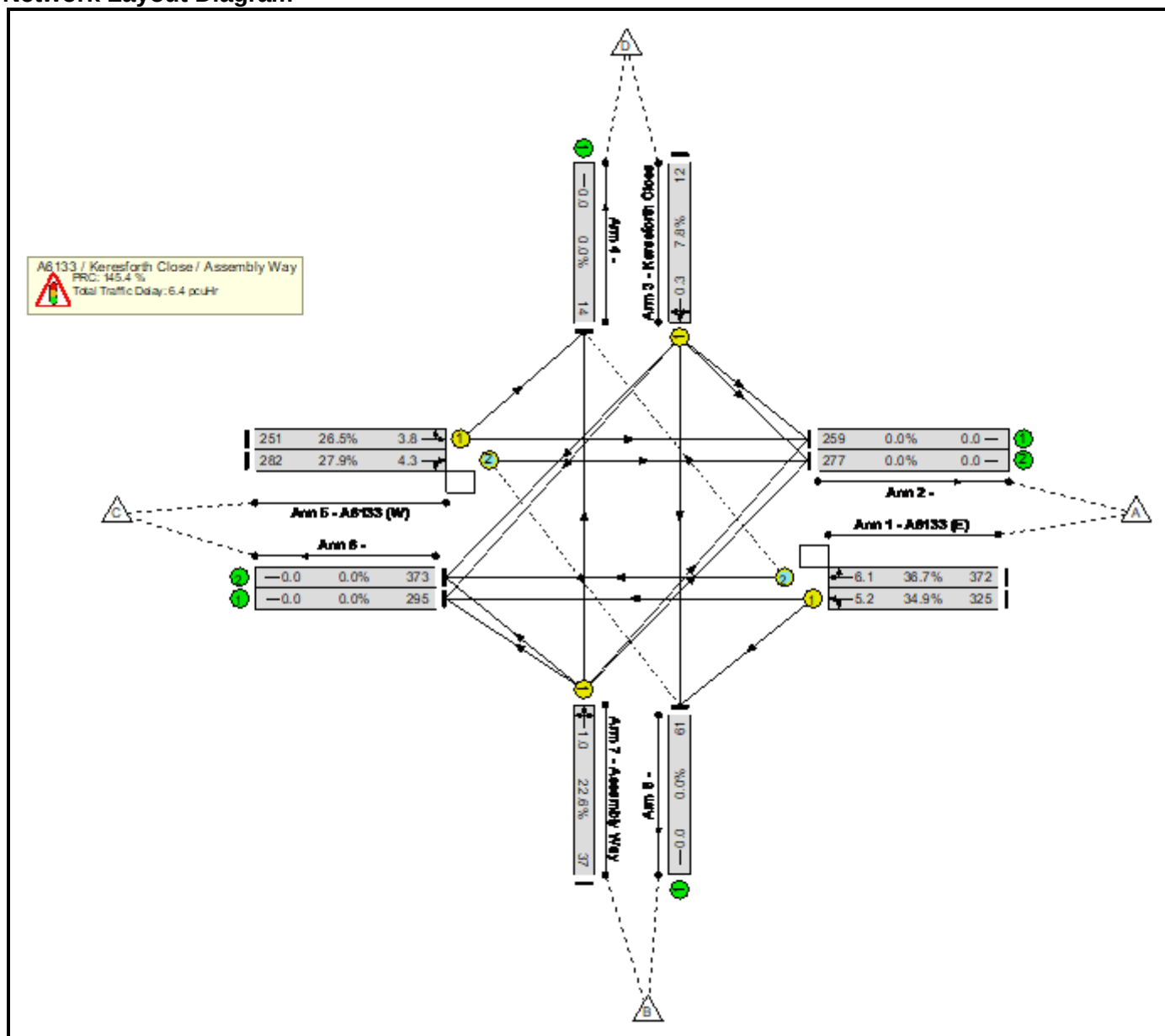
Traffic Flows, Actual**Actual Flow :**

	Destination					
		A	B	C	D	Tot.
Origin	A	0	41	647	9	697
	B	19	0	18	0	37
	C	508	20	0	5	533
	D	9	0	3	0	12
	Tot.	536	61	668	14	1279

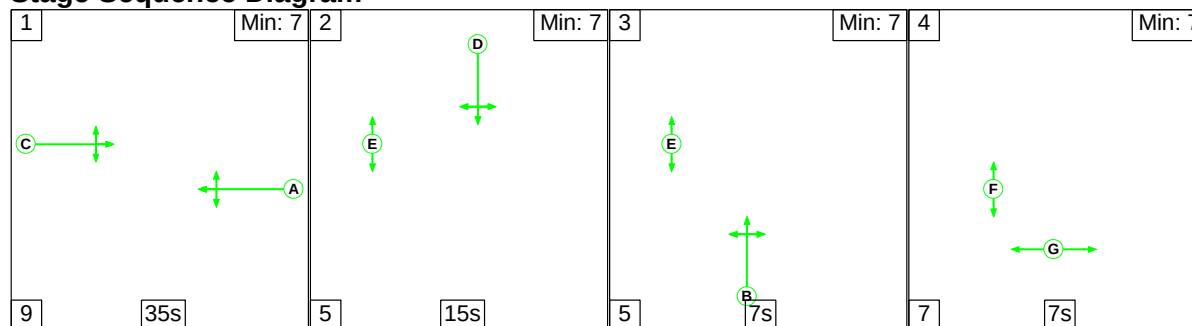
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Mean Max Queue (pcu)
Network	-	-	-		-	-	-	-	-	-	36.7%	29	0	0	6.4	-
A6133 / Keresforth Close / Assembly Way	-	-	-		-	-	-	-	-	-	36.7%	29	0	0	6.4	-
1/1	A6133 (E) Ahead Left	U	A		1	43	-	325	1907	932	34.9%	-	-	-	1.5	5.2
1/2	A6133 (E) Right Ahead	O	A		1	43	-	372	2075	1014	36.7%	9	0	0	1.8	6.1
3/1	Keresforth Close Left Right Ahead	U	D		1	7	-	12	1741	155	7.8%	-	-	-	0.2	0.3
5/1	A6133 (W) Ahead Left	U	C		1	43	-	251	1935	946	26.5%	-	-	-	1.1	3.8
5/2	A6133 (W) Ahead Right	O	C		1	43	-	282	2065	1010	27.9%	20	0	0	1.3	4.3
7/1	Assembly Way Right Ahead Left	U	B		1	7	-	37	1843	164	22.6%	-	-	-	0.5	1.0
C1						PRC for Signalled Lanes (%): 145.4		Total Delay for Signalled Lanes (pcuHr): 6.44				6.44	Cycle Time (s): 90			
						PRC Over All Lanes (%): 145.4		Total Delay Over All Lanes(pcuHr):				6.44				

MTP Results Summary
Network Layout Diagram



Scenario 3: '2028 Base + Dev AM' (FG3: '2028 Base + Dev AM', Plan 1: 'Network Control Plan 1')
Stage Sequence Diagram



Lane Input Data

Junction: A6133 / Keresforth Close / Assembly Way												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.25	0.00	Y	Arm 6 Ahead	Inf
											Arm 8 Left	11.00
1/2 (A6133 (E))	O	A	2	3	60.0	Geom	-	3.25	0.00	N	Arm 4 Right	15.00
											Arm 6 Ahead	Inf
2/1	U		2	3	60.0	Inf	-	-	-	-	-	-
2/2	U		2	3	60.0	Inf	-	-	-	-	-	-
3/1 (Keresforth Close)	U	D	2	3	60.0	Geom	-	3.00	0.00	Y	Arm 2 Left	15.00
											Arm 6 Right	15.00
4/1	U		2	3	60.0	Inf	-	-	-	-	-	-
5/1 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.25	0.00	Y	Arm 2 Ahead	Inf
											Arm 4 Left	12.50
5/2 (A6133 (W))	O	C	2	3	60.0	Geom	-	3.25	0.00	N	Arm 2 Ahead	Inf
											Arm 8 Right	15.00
6/1	U		2	3	60.0	Inf	-	-	-	-	-	-
6/2	U		2	3	60.0	Inf	-	-	-	-	-	-
7/1 (Assembly Way)	U	B	2	3	60.0	Geom	-	3.50	0.00	Y	Arm 2 Right	30.00
											Arm 4 Ahead	Inf
											Arm 6 Left	18.00
8/1	U		2	3	60.0	Inf	-	-	-	-	-	-

Give-Way Lane Input Data

Junction: A6133 / Keresforth Close / Assembly Way											
Lane	Movement	Max Flow when Giving Way (PCU/Hr)	Min Flow when Giving Way (PCU/Hr)	Opposing Lane	Opp. Lane Coeff.	Opp. Mvmnts.	Right Turn Storage (PCU)	Non-Blocking Storage (PCU)	RTF	Right Turn Move up (s)	Max Turns in Intergreen (PCU)
1/2 (A6133 (E))	4/1 (Right)	1439	0	5/1	1.09	All	2.00	2.00	0.50	2	2.00
				5/2	1.09	All					
5/2 (A6133 (W))	8/1 (Right)	1439	0	1/1	1.09	All	2.00	2.00	0.50	2	2.00
				1/2	1.09	All					

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
3: '2028 Base + Dev AM'	08:00	09:00	01:00	

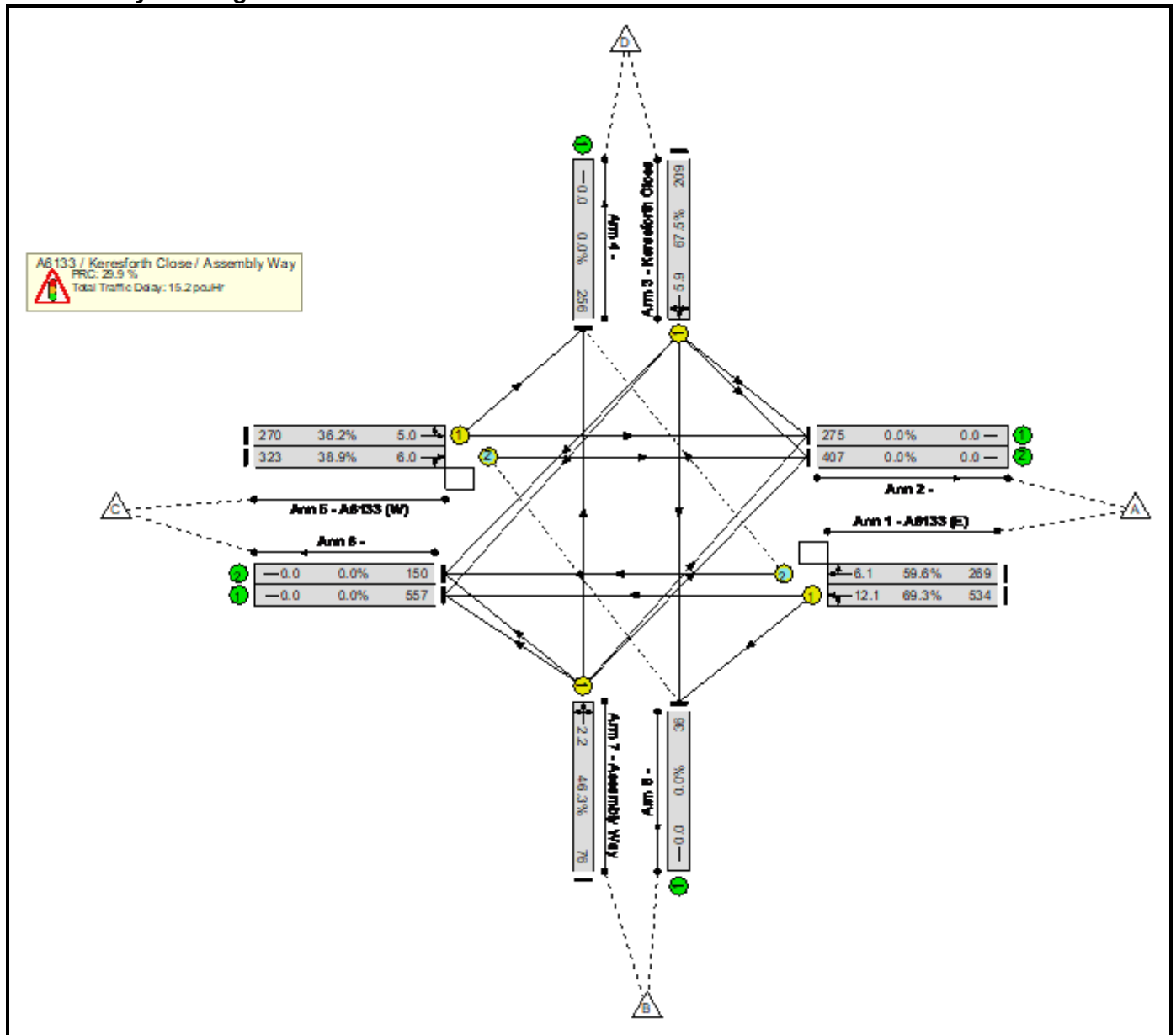
Traffic Flows, Actual
Actual Flow :

	Destination					
Origin		A	B	C	D	Tot.
	A	0	27	608	168	803
	B	44	0	32	0	76
	C	496	9	0	88	593
	D	142	0	67	0	209
	Tot.	682	36	707	256	1681

Network Results

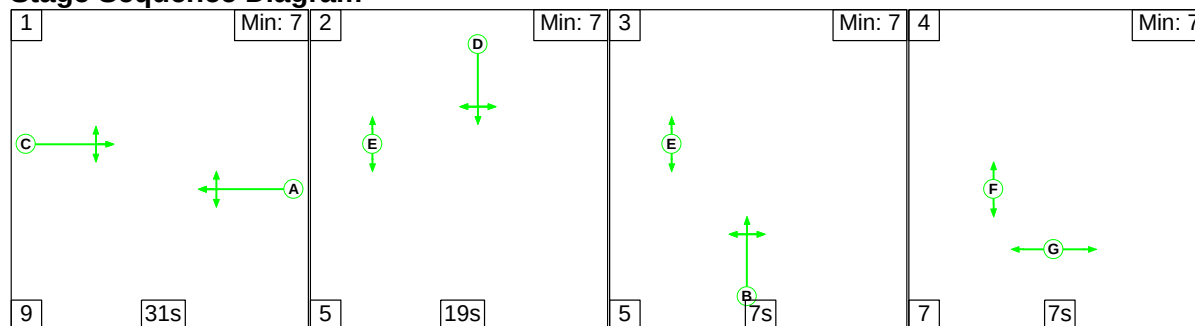
Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Mean Max Queue (pcu)
Network	-	-	-		-	-	-	-	-	-	69.3%	177	0	0	15.2	-
A6133 / Keresforth Close / Assembly Way	-	-	-		-	-	-	-	-	-	69.3%	177	0	0	15.2	-
1/1	A6133 (E) Ahead Left	U	A		1	35	-	534	1927	771	69.3%	-	-	-	4.4	12.1
1/2	A6133 (E) Right Ahead	O	A		1	35	-	269	1958	451	59.6%	168	0	0	2.7	6.1
3/1	Keresforth Close Left Right Ahead	U	D		1	15	-	209	1741	310	67.5%	-	-	-	3.0	5.9
5/1	A6133 (W) Ahead Left	U	C		1	35	-	270	1867	747	36.2%	-	-	-	1.7	5.0
5/2	A6133 (W) Ahead Right	O	C		1	35	-	323	2074	830	38.9%	9	0	0	2.1	6.0
7/1	Assembly Way Right Ahead Left	U	B		1	7	-	76	1847	164	46.3%	-	-	-	1.2	2.2
C1			PRC for Signalled Lanes (%):		29.9		Total Delay for Signalled Lanes (pcuHr):		15.18		Cycle Time (s):		90			
			PRC Over All Lanes (%):		29.9		Total Delay Over All Lanes(pcuHr):		15.18							

MTP Results Summary
Network Layout Diagram



Scenario 4: '2028 Base + Dev PM' (FG4: '2028 Base + Dev PM', Plan 1: 'Network Control Plan 1')

Stage Sequence Diagram



Lane Input Data

Junction: A6133 / Keresforth Close / Assembly Way												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.25	0.00	Y	Arm 6 Ahead	Inf
											Arm 8 Left	11.00
1/2 (A6133 (E))	O	A	2	3	60.0	Geom	-	3.25	0.00	N	Arm 4 Right	15.00
											Arm 6 Ahead	Inf
2/1	U		2	3	60.0	Inf	-	-	-	-	-	-
2/2	U		2	3	60.0	Inf	-	-	-	-	-	-
3/1 (Keresforth Close)	U	D	2	3	60.0	Geom	-	3.00	0.00	Y	Arm 2 Left	15.00
											Arm 6 Right	15.00
4/1	U		2	3	60.0	Inf	-	-	-	-	-	-
5/1 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.25	0.00	Y	Arm 2 Ahead	Inf
											Arm 4 Left	12.50
5/2 (A6133 (W))	O	C	2	3	60.0	Geom	-	3.25	0.00	N	Arm 2 Ahead	Inf
											Arm 8 Right	15.00
6/1	U		2	3	60.0	Inf	-	-	-	-	-	-
6/2	U		2	3	60.0	Inf	-	-	-	-	-	-
7/1 (Assembly Way)	U	B	2	3	60.0	Geom	-	3.50	0.00	Y	Arm 2 Right	30.00
											Arm 4 Ahead	Inf
											Arm 6 Left	18.00
8/1	U		2	3	60.0	Inf	-	-	-	-	-	-

Give-Way Lane Input Data

Junction: A6133 / Keresforth Close / Assembly Way											
Lane	Movement	Max Flow when Giving Way (PCU/Hr)	Min Flow when Giving Way (PCU/Hr)	Opposing Lane	Opp. Lane Coeff.	Opp. Mvmnts.	Right Turn Storage (PCU)	Non-Blocking Storage (PCU)	RTF	Right Turn Move up (s)	Max Turns in Intergreen (PCU)
1/2 (A6133 (E))	4/1 (Right)	1439	0	5/1	1.09	All	2.00	2.00	0.50	2	2.00
				5/2	1.09	All					
5/2 (A6133 (W))	8/1 (Right)	1439	0	1/1	1.09	All	2.00	2.00	0.50	2	2.00
				1/2	1.09	All					

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
4: '2028 Base + Dev PM'	15:00	16:00	01:00	

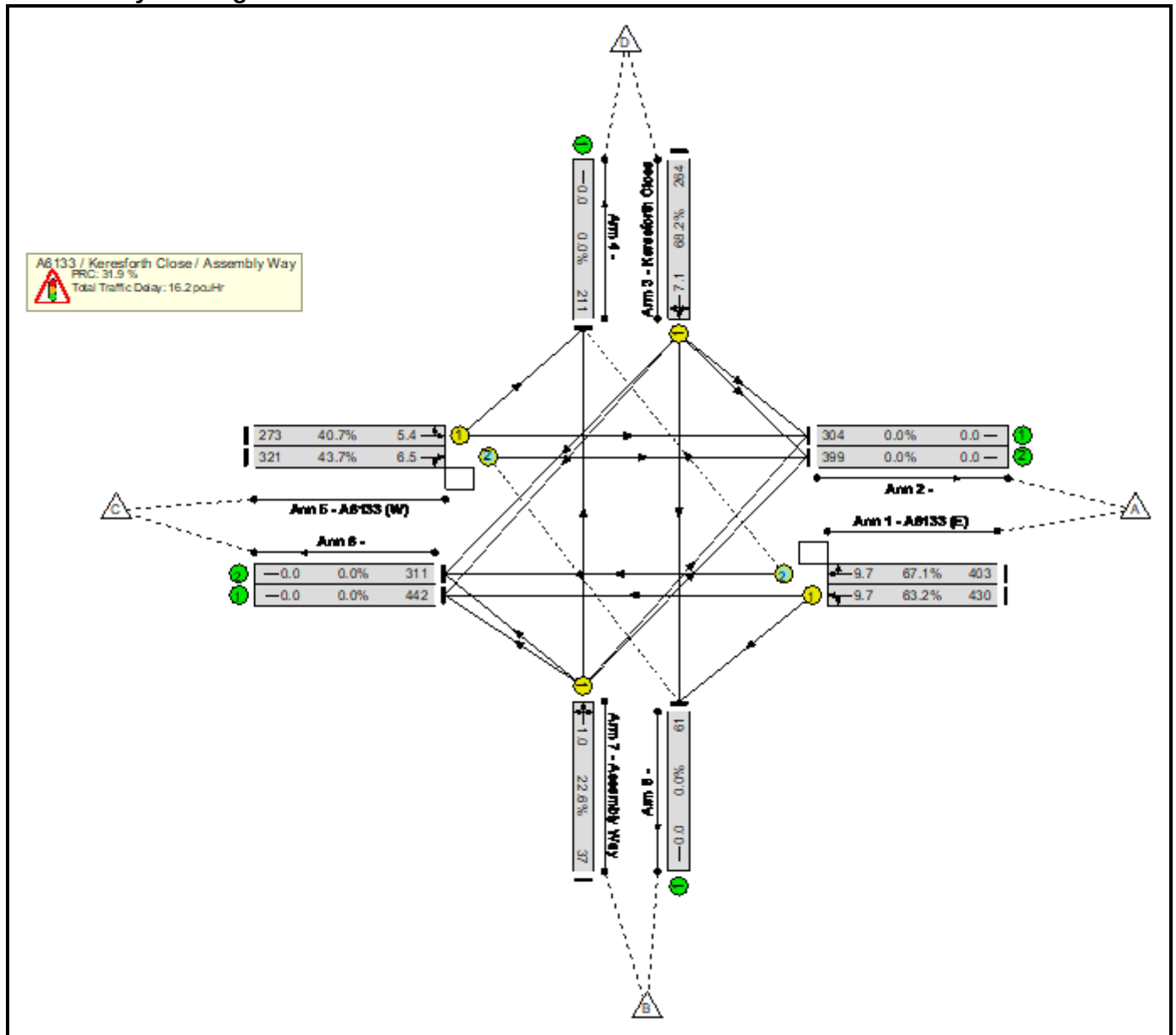
Traffic Flows, Actual
Actual Flow :

	Destination					
Origin		A	B	C	D	Tot.
	A	0	41	647	145	833
	B	19	0	18	0	37
	C	508	20	0	66	594
	D	176	0	88	0	264
	Tot.	703	61	753	211	1728

Network Results

[illegible]

MTP Results Summary
Network Layout Diagram



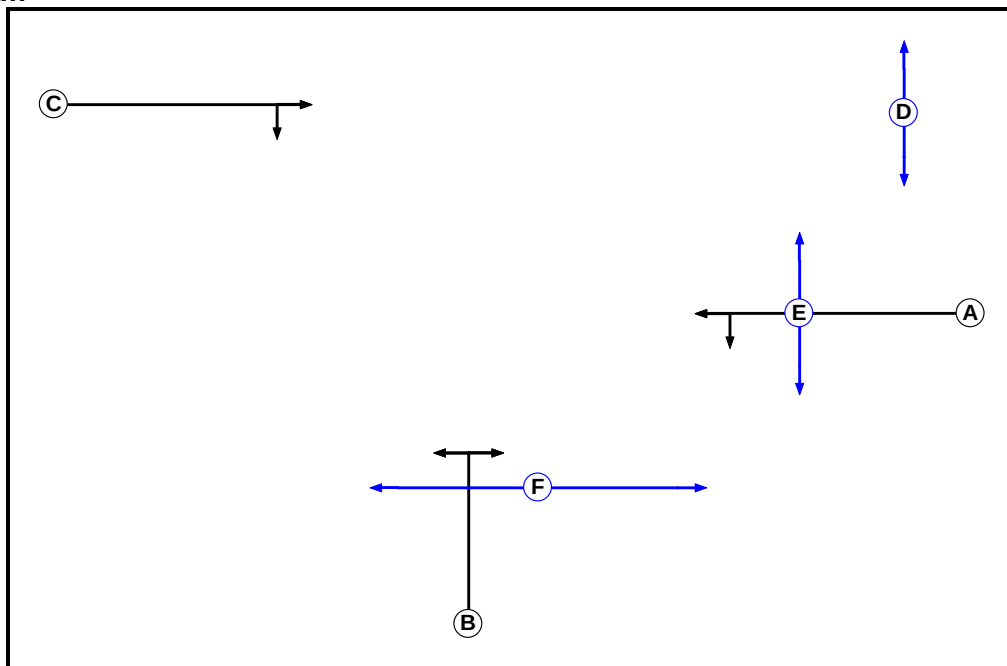
Appendix 11

MTP Results Summary
MTP Results Summary

User and Project Details

Project:	
Title:	
Location:	
File name:	2021-11 A6133-Keresforth Hill Road 21-155.lsg3x
Author:	
Company:	
Address:	
Notes:	

Phase Diagram



Phase Input Data

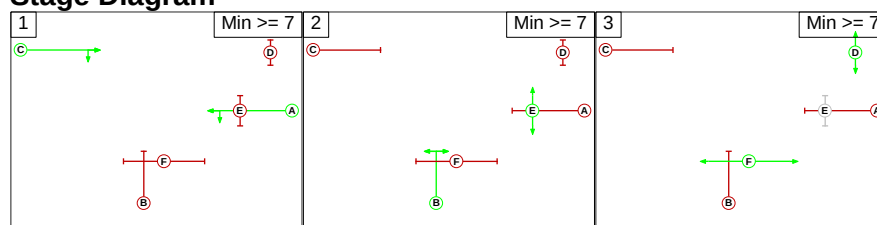
Phase Name	Phase Type	Assoc. Phase	Street Min	Cont Min
A	Traffic		7	7
B	Traffic		7	7
C	Traffic		7	7
D	Pedestrian		7	7
E	Pedestrian		7	7
F	Pedestrian		7	7

MTP Results Summary

Phase Intergreens Matrix

Terminating Phase	Starting Phase						
		A	B	C	D	E	F
	A		5	-	-	5	7
	B	5		6	9	-	5
	C	-	5		8	-	8
	D	-	8	8		-	-
	E	11	-	-	-		-
	F	10	10	10	-	-	

Stage Diagram

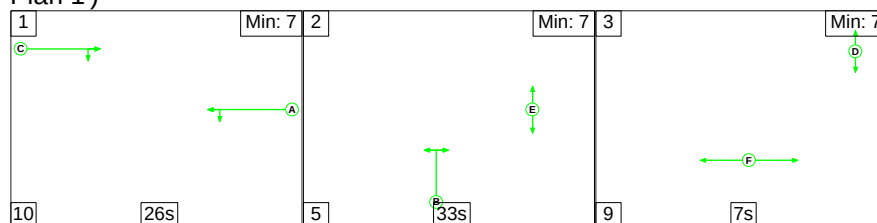


Phase Delays

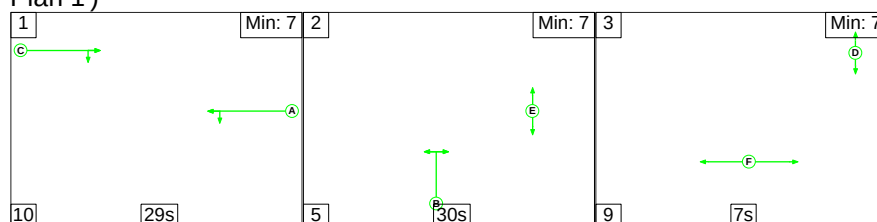
Term. Stage	Start Stage	Phase	Type	Value	Cont value
There are no Phase Delays defined					

Stage Sequence Diagram

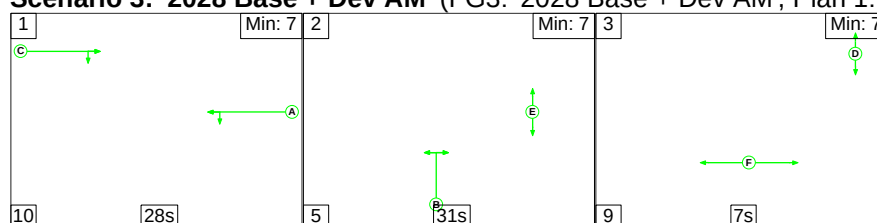
Scenario 1: '2028 Base + Committed Dev AM' (FG1: '2028 Base + Committed Dev AM', Plan 1: 'Network Control Plan 1')



Scenario 2: '2028 Base + Committed Dev PM' (FG2: '2028 Base + Committed Dev PM', Plan 1: 'Network Control Plan 1')

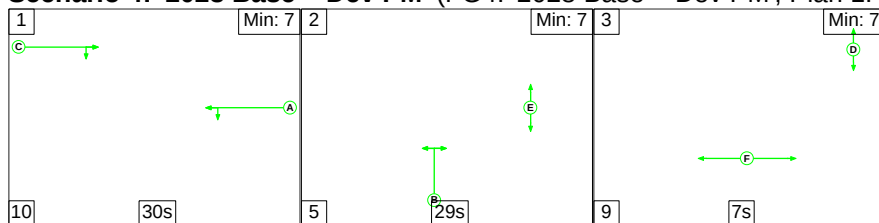


Scenario 3: '2028 Base + Dev AM' (FG3: '2028 Base + Dev AM', Plan 1: 'Network Control Plan 1')



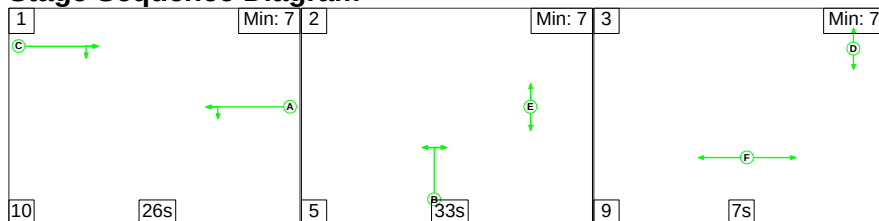
MTP Results Summary

Scenario 4: '2028 Base + Dev PM' (FG4: '2028 Base + Dev PM', Plan 1: 'Network Control Plan 1')



Scenario 1: '2028 Base + Committed Dev AM' (FG1: '2028 Base + Committed Dev AM', Plan 1: 'Network Control Plan 1')

Stage Sequence Diagram



Lane Input Data

Junction: Unnamed Junction												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (A6133 (E))	U	A	2	3	3.0	Geom	-	3.30	0.00	Y	Arm 4 Left	10.00
1/2 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.70	0.00	N	Arm 6 Ahead	Inf
1/3 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.70	0.00	N	Arm 6 Ahead	Inf
2/1	U		2	3	60.0	Inf	-	-	-	-	-	-
2/2	U		2	3	60.0	Inf	-	-	-	-	-	-
3/1 (Keresforth Hill Road)	U	B	2	3	60.0	Geom	-	3.50	0.00	Y	Arm 2 Right	14.00
											Arm 6 Left	10.00
4/1	U		2	3	60.0	Inf	-	-	-	-	-	-
5/1 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.60	0.00	N	Arm 2 Ahead	Inf
5/2 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.60	0.00	N	Arm 2 Ahead	Inf
5/3 (A6133 (W))	U	C	2	3	7.0	Geom	-	3.60	0.00	Y	Arm 4 Right	15.00
6/1	U		2	3	60.0	Inf	-	-	-	-	-	-
6/2	U		2	3	60.0	Inf	-	-	-	-	-	-

Give-Way Lane Input Data

Junction: Unnamed Junction
There are no Opposed Lanes in this Junction

MTP Results Summary

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
1: '2028 Base + Committed Dev AM'	08:00	09:00	01:00	

Traffic Flows, Actual

Actual Flow :

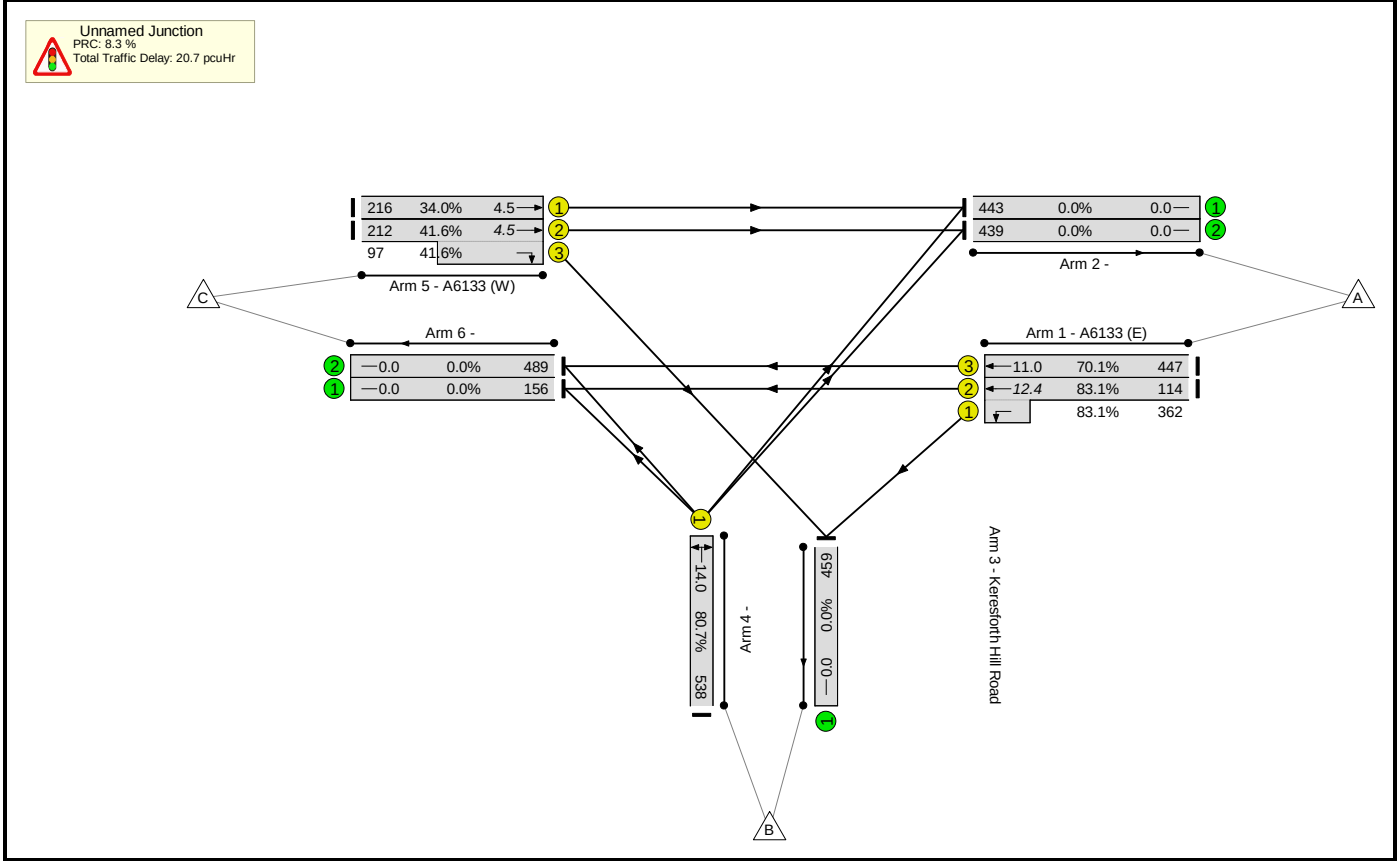
	Destination				
Origin		A	B	C	Tot.
	A	0	362	561	923
	B	454	0	84	538
	C	428	97	0	525
	Tot.	882	459	645	1986

Network Results

Network Results																
Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Mean Max Queue (pcu)
Network	-	-	-		-	-	-	-	-	-	83.1%	0	0	0	20.7	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	83.1%	0	0	0	20.7	-
1/2+1/1	A6133 (E) Left Ahead	U	A		1	26	-	476	2125:1691	137+436	83.1 : 83.1%	-	-	-	6.1	12.4
1/3	A6133 (E) Ahead	U	A		1	26	-	447	2125	637	70.1%	-	-	-	4.6	11.0
3/1	Keresforth Hill Road Right Left	U	B		1	33	-	538	1764	666	80.7%	-	-	-	5.8	14.0
5/1	A6133 (W) Ahead	U	C		1	26	-	216	2115	635	34.0%	-	-	-	1.7	4.5
5/2+5/3	A6133 (W) Ahead Right	U	C		1	26	-	309	2115:1795	509+233	41.6 : 41.6%	-	-	-	2.4	4.5
C1 PRC for Signalled Lanes (%): 8.3 Total Delay for Signalled Lanes (pcuHr): 20.66 Cycle Time (s): 90 PRC Over All Lanes (%): 8.3 Total Delay Over All Lanes(pcuHr): 20.66																

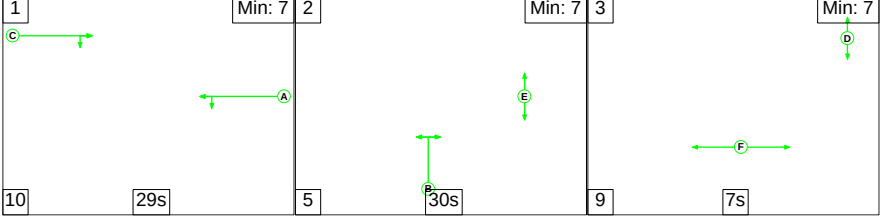
MTP Results Summary

Network Layout Diagram



Scenario 2: '2028 Base + Committed Dev PM' (FG2: '2028 Base + Committed Dev PM', Plan 1: 'Network Control Plan 1')

Stage Sequence Diagram



Lane Input Data

Junction: Unnamed Junction												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (A6133 (E))	U	A	2	3	3.0	Geom	-	3.30	0.00	Y	Arm 4 Left	10.00
1/2 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.70	0.00	N	Arm 6 Ahead	Inf
1/3 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.70	0.00	N	Arm 6 Ahead	Inf
2/1	U		2	3	60.0	Inf	-	-	-	-	-	-
2/2	U		2	3	60.0	Inf	-	-	-	-	-	-
3/1 (Keresforth Hill Road)	U	B	2	3	60.0	Geom	-	3.50	0.00	Y	Arm 2 Right	14.00
											Arm 6 Left	10.00
4/1	U		2	3	60.0	Inf	-	-	-	-	-	-
5/1 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.60	0.00	N	Arm 2 Ahead	Inf
5/2 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.60	0.00	N	Arm 2 Ahead	Inf
5/3 (A6133 (W))	U	C	2	3	7.0	Geom	-	3.60	0.00	Y	Arm 4 Right	15.00
6/1	U		2	3	60.0	Inf	-	-	-	-	-	-
6/2	U		2	3	60.0	Inf	-	-	-	-	-	-

Give-Way Lane Input Data

Junction: Unnamed Junction
There are no Opposed Lanes in this Junction

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
2: '2028 Base + Committed Dev PM'	15:00	16:00	01:00	

Traffic Flows, Actual

Actual Flow :

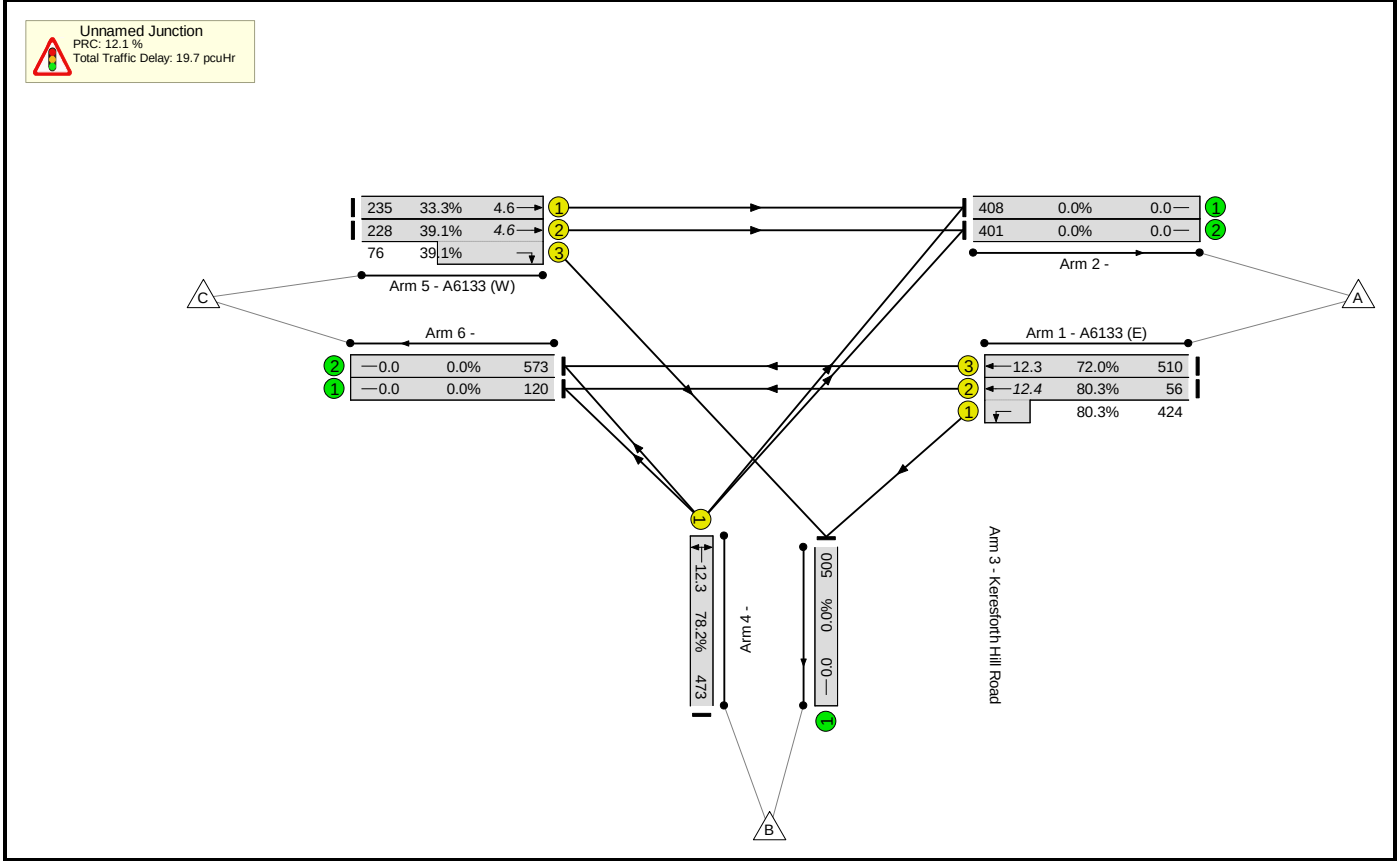
	Destination				
Origin		A	B	C	Tot.
	A	0	424	566	990
	B	346	0	127	473
	C	463	76	0	539
	Tot.	809	500	693	2002

Network Results

[illegible]

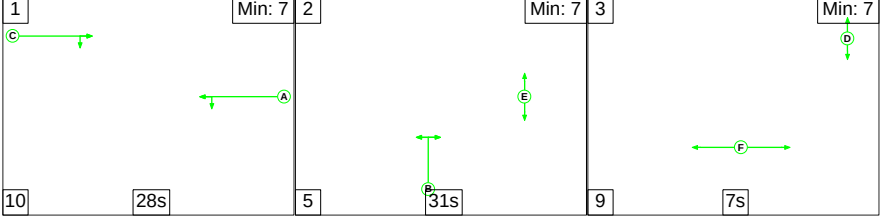
MTP Results Summary

Network Layout Diagram



Scenario 3: '2028 Base + Dev AM' (FG3: '2028 Base + Dev AM', Plan 1: 'Network Control Plan 1')

Stage Sequence Diagram



Lane Input Data

Junction: Unnamed Junction												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (A6133 (E))	U	A	2	3	3.0	Geom	-	3.30	0.00	Y	Arm 4 Left	10.00
1/2 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.70	0.00	N	Arm 6 Ahead	Inf
1/3 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.70	0.00	N	Arm 6 Ahead	Inf
2/1	U		2	3	60.0	Inf	-	-	-	-	-	-
2/2	U		2	3	60.0	Inf	-	-	-	-	-	-
3/1 (Keresforth Hill Road)	U	B	2	3	60.0	Geom	-	3.50	0.00	Y	Arm 2 Right	14.00
											Arm 6 Left	10.00
4/1	U		2	3	60.0	Inf	-	-	-	-	-	-
5/1 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.60	0.00	N	Arm 2 Ahead	Inf
5/2 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.60	0.00	N	Arm 2 Ahead	Inf
5/3 (A6133 (W))	U	C	2	3	7.0	Geom	-	3.60	0.00	Y	Arm 4 Right	15.00
6/1	U		2	3	60.0	Inf	-	-	-	-	-	-
6/2	U		2	3	60.0	Inf	-	-	-	-	-	-

Give-Way Lane Input Data

Junction: Unnamed Junction
There are no Opposed Lanes in this Junction

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
3: '2028 Base + Dev AM'	08:00	09:00	01:00	

Traffic Flows, Actual

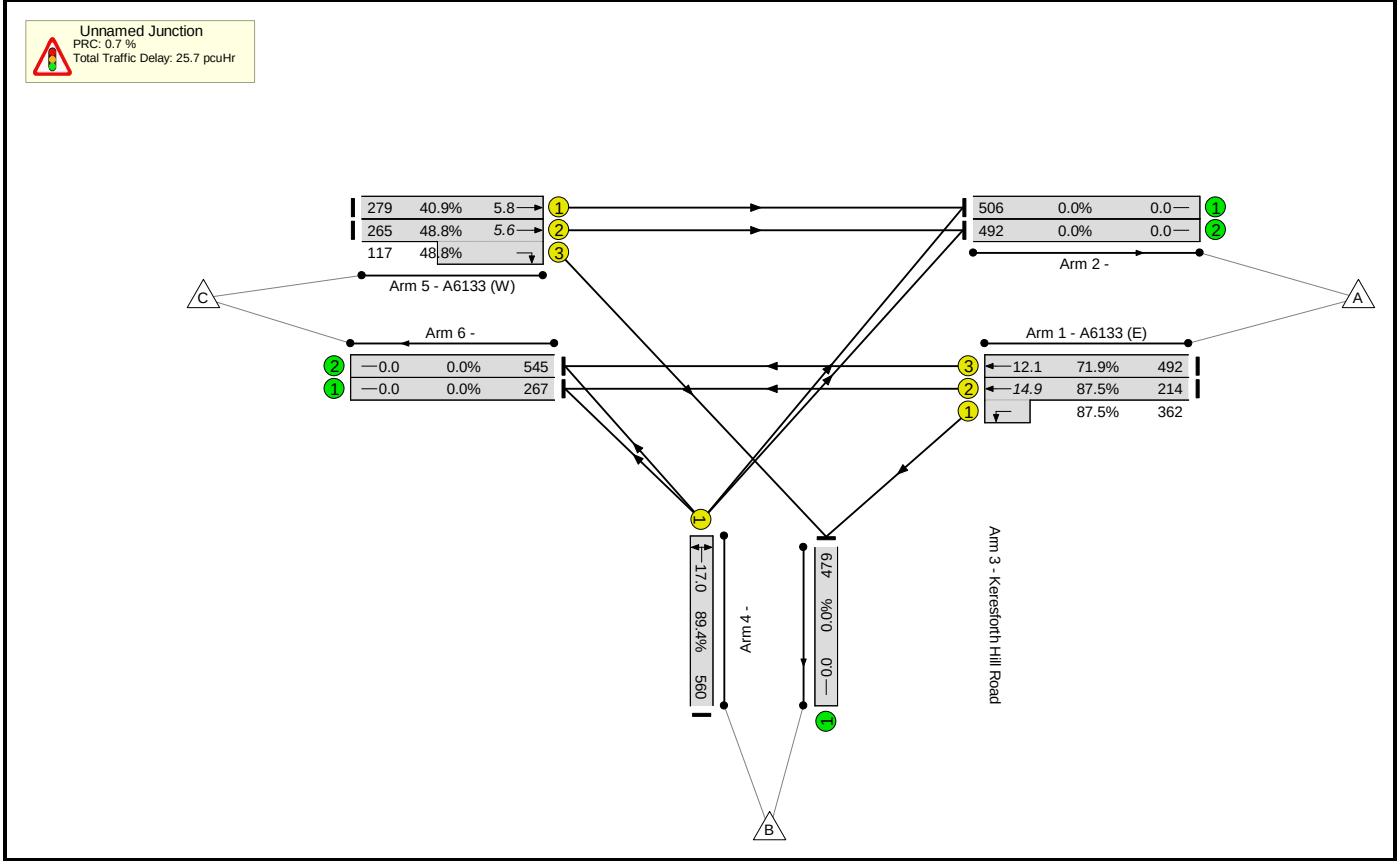
Actual Flow :

	Destination				
Origin		A	B	C	Tot.
	A	0	362	706	1068
	B	454	0	106	560
	C	544	117	0	661
	Tot.	998	479	812	2289

Network Results

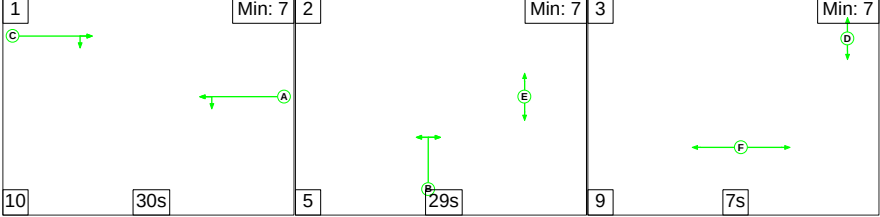
MTP Results Summary

Network Layout Diagram



Scenario 4: '2028 Base + Dev PM' (FG4: '2028 Base + Dev PM', Plan 1: 'Network Control Plan 1')

Stage Sequence Diagram



Lane Input Data

Junction: Unnamed Junction												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (A6133 (E))	U	A	2	3	3.0	Geom	-	3.30	0.00	Y	Arm 4 Left	10.00
1/2 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.70	0.00	N	Arm 6 Ahead	Inf
1/3 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.70	0.00	N	Arm 6 Ahead	Inf
2/1	U		2	3	60.0	Inf	-	-	-	-	-	-
2/2	U		2	3	60.0	Inf	-	-	-	-	-	-
3/1 (Keresforth Hill Road)	U	B	2	3	60.0	Geom	-	3.50	0.00	Y	Arm 2 Right	14.00
											Arm 6 Left	10.00
4/1	U		2	3	60.0	Inf	-	-	-	-	-	-
5/1 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.60	0.00	N	Arm 2 Ahead	Inf
5/2 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.60	0.00	N	Arm 2 Ahead	Inf
5/3 (A6133 (W))	U	C	2	3	7.0	Geom	-	3.60	0.00	Y	Arm 4 Right	15.00
6/1	U		2	3	60.0	Inf	-	-	-	-	-	-
6/2	U		2	3	60.0	Inf	-	-	-	-	-	-

Give-Way Lane Input Data

Junction: Unnamed Junction
There are no Opposed Lanes in this Junction

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
4: '2028 Base + Dev PM'	15:00	16:00	01:00	

Traffic Flows, Actual

Actual Flow :

	Destination				
Origin		A	B	C	Tot.
	A	0	424	682	1106
	B	346	0	147	493
	C	608	98	0	706
	Tot.	954	522	829	2305

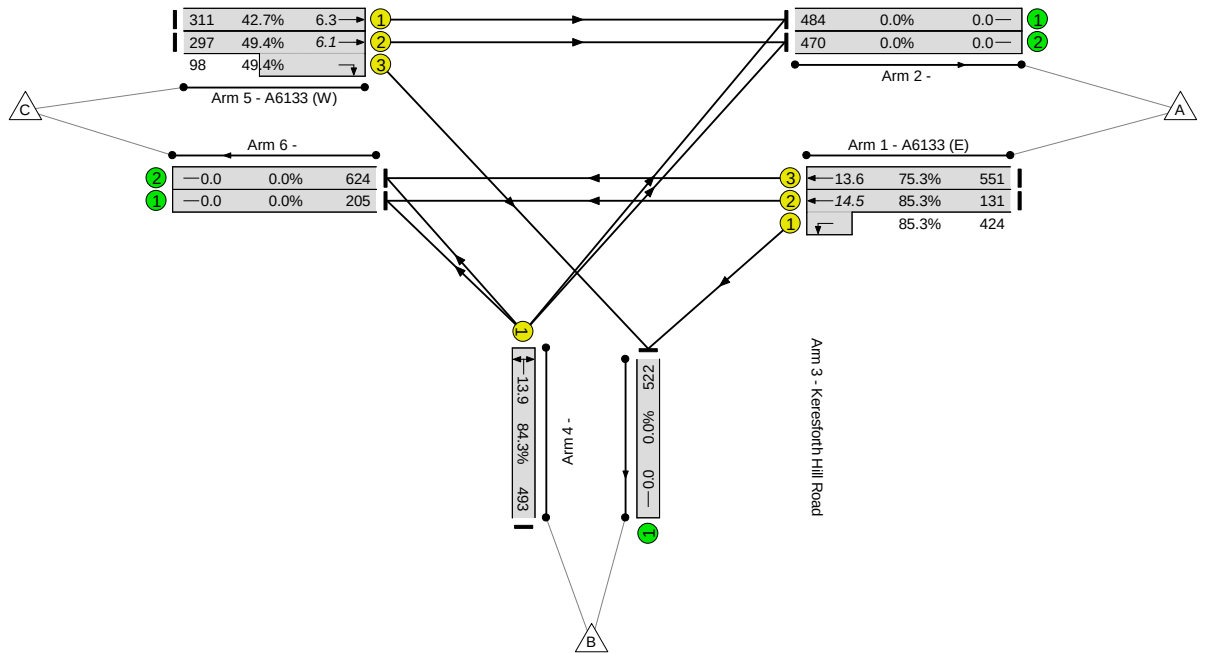
Network Results

Network Results																
Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Mean Max Queue (pcu)
Network	-	-	-		-	-	-	-	-	-	85.3%	0	0	0	23.9	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	85.3%	0	0	0	23.9	-
1/2+1/1	A6133 (E) Left Ahead	U	A		1	30	-	555	2125:1691	154+497	85.3 : 85.3%	-	-	-	6.8	14.5
1/3	A6133 (E) Ahead	U	A		1	30	-	551	2125	732	75.3%	-	-	-	5.5	13.6
3/1	Keresforth Hill Road Right Left	U	B		1	29	-	493	1755	585	84.3%	-	-	-	6.3	13.9
5/1	A6133 (W) Ahead	U	C		1	30	-	311	2115	728	42.7%	-	-	-	2.3	6.3
5/2+5/3	A6133 (W) Ahead Right	U	C		1	30	-	395	2115:1795	602+198	49.4 : 49.4%	-	-	-	2.9	6.1
C1				PRC for Signalled Lanes (%):			5.5	Total Delay for Signalled Lanes (pcuHr):			23.89	Cycle Time (s): 90				
				PRC Over All Lanes (%):			5.5	Total Delay Over All Lanes(pcuHr):			23.89					

MTP Results Summary

Network Layout Diagram

Unnamed Junction
PRC: 5.5 %
Total Traffic Delay: 23.9 pcuHr

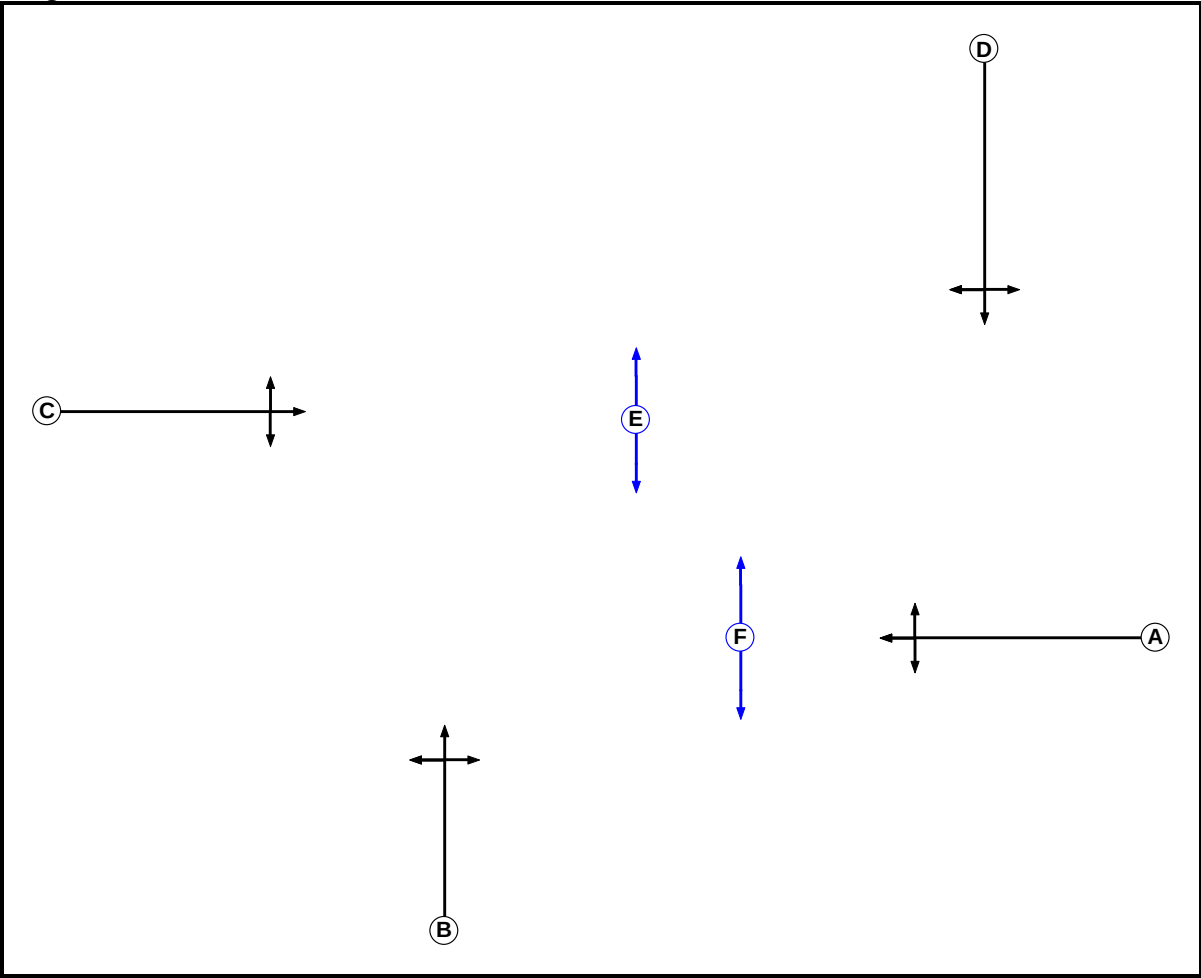


Appendix 12

User and Project Details

Project:	
Title:	
Location:	
File name:	2021-11 A6133-Keresforth Hall Road 21-155.lsg3x
Author:	
Company:	
Address:	
Notes:	

Phase Diagram



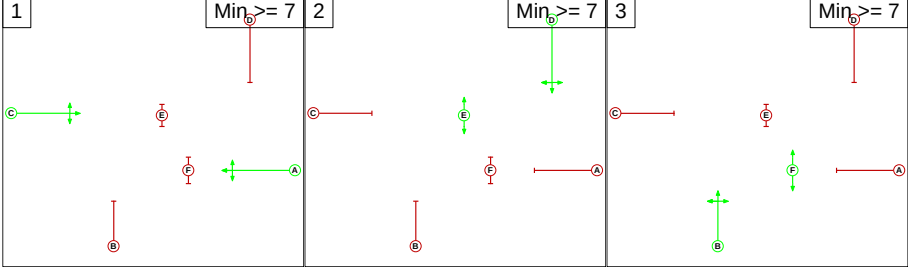
Phase Input Data

Phase Name	Phase Type	Assoc. Phase	Street Min	Cont Min
A	Traffic		7	7
B	Traffic		7	7
C	Traffic		7	7
D	Traffic		7	7
E	Pedestrian		7	7
F	Pedestrian		7	7

Phase Intergreens Matrix

Terminating Phase	Starting Phase						
		A	B	C	D	E	F
	A		8	-	5	-	7
	B	5		5	5	8	-
	C	-	5		8	6	-
	D	5	8	5		-	8
	E	-	6	6	-		-
	F	8	-	-	8	-	

Stage Diagram

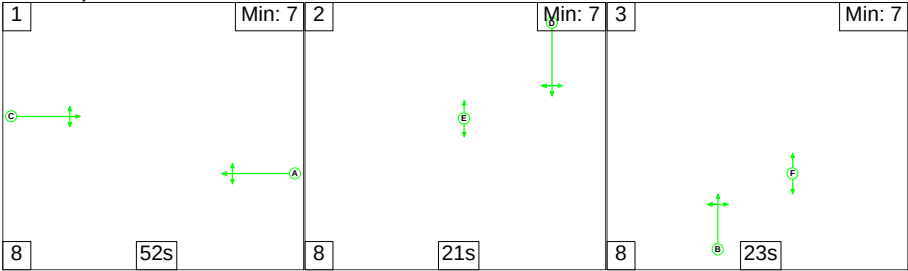


Phase Delays

Term. Stage	Start Stage	Phase	Type	Value	Cont value
There are no Phase Delays defined					

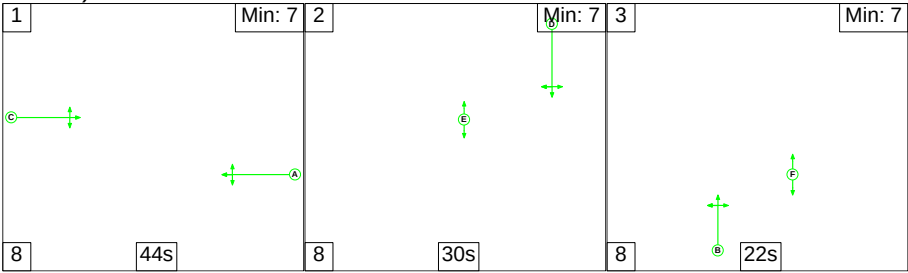
Stage Sequence Diagram

Scenario 1: '2028 Base + Committed Dev AM' (FG1: '2028 Base + Committed Dev AM', Plan 1: 'Network Control Plan 1')

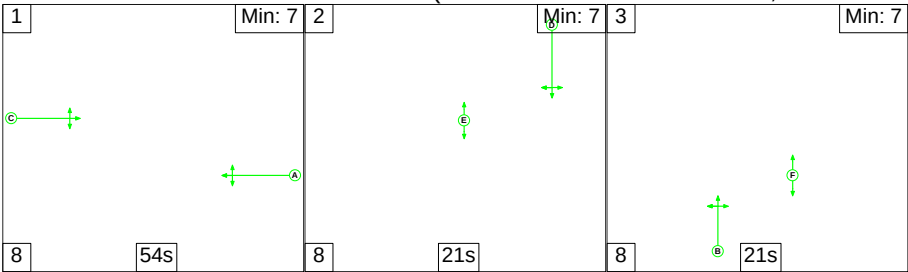


MTP Results Summary

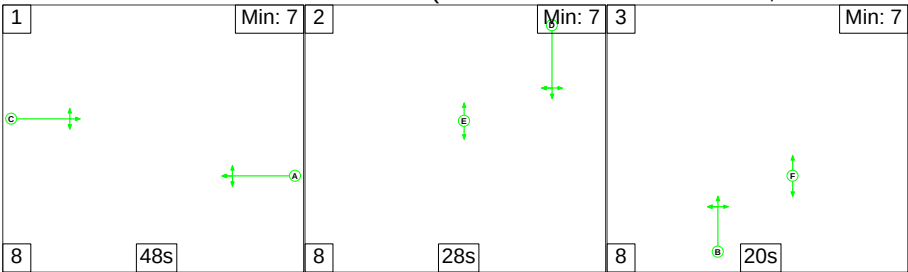
Scenario 2: '2028 Base + Committed Dev PM' (FG2: '2028 Base + Committed Dev PM', Plan 1: 'Network Control Plan 1')



Scenario 3: '2028 Base + Dev AM' (FG3: '2028 Base + Dev AM', Plan 1: 'Network Control Plan 1')

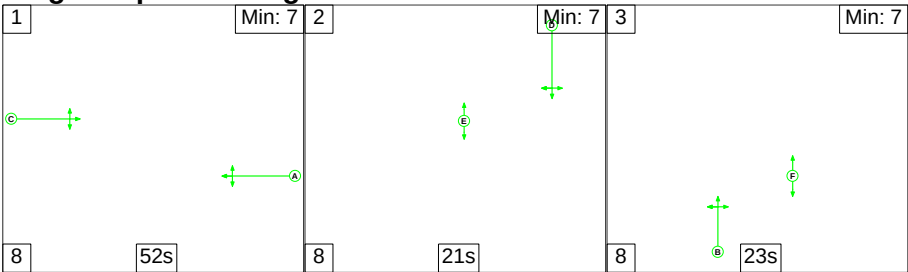


Scenario 4: '2028 Base + Dev PM' (FG4: '2028 Base + Dev PM', Plan 1: 'Network Control Plan 1')



Scenario 1: '2028 Base + Committed Dev AM' (FG1: '2028 Base + Committed Dev AM', Plan 1: 'Network Control Plan 1')

Stage Sequence Diagram



Lane Input Data

Junction: A6133 - Keresforth Hall Road												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (A6133 (E))	U	A	2	3	7.0	Geom	-	3.70	0.00	Y	Arm 4 Left	10.00
											Arm 6 Ahead	Inf
1/2 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.30	0.00	N	Arm 6 Ahead	Inf
1/3 (A6133 (E))	O	A	2	3	5.0	Geom	-	3.25	0.00	Y	Arm 8 Right	12.00
2/1	U		2	3	60.0	Inf	-	-	-	-	-	-
3/1 (Keresforth Hall Road)	U	B	2	3	60.0	Geom	-	2.80	0.00	Y	Arm 2 Right	12.00
											Arm 6 Left	8.00
											Arm 8 Ahead	Inf
4/1	U		2	3	60.0	Inf	-	-	-	-	-	-
5/1 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.20	0.00	Y	Arm 2 Ahead	Inf
											Arm 8 Left	13.00
5/2 (A6133 (W))	O	C	2	3	60.0	Geom	-	3.60	0.00	N	Arm 4 Right	15.00
6/1	U		2	3	60.0	Inf	-	-	-	-	-	-
6/2	U		2	3	60.0	Inf	-	-	-	-	-	-
7/1 (Racecommon Road)	U	D	2	3	60.0	Geom	-	3.60	0.00	Y	Arm 2 Left	12.00
											Arm 4 Ahead	Inf
											Arm 6 Right	22.00
8/1	U		2	3	60.0	Inf	-	-	-	-	-	-

Give-Way Lane Input Data

Junction: A6133 - Keresforth Hall Road											
Lane	Movement	Max Flow when Giving Way (PCU/Hr)	Min Flow when Giving Way (PCU/Hr)	Opposing Lane	Opp. Lane Coeff.	Opp. Mvmnts.	Right Turn Storage (PCU)	Non-Blocking Storage (PCU)	RTF	Right Turn Move up (s)	Max Turns in Intergreen (PCU)
1/3 (A6133 (E))	8/1 (Right)	1439	0	5/1	1.09	All	2.00	-	0.50	2	2.00
5/2 (A6133 (W))	4/1 (Right)	1439	0	1/1	1.09	All	2.00	-	0.50	2	2.00
				1/2	1.09	All					

MTP Results Summary

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
1: '2028 Base + Committed Dev AM'	08:00	09:00	01:00	

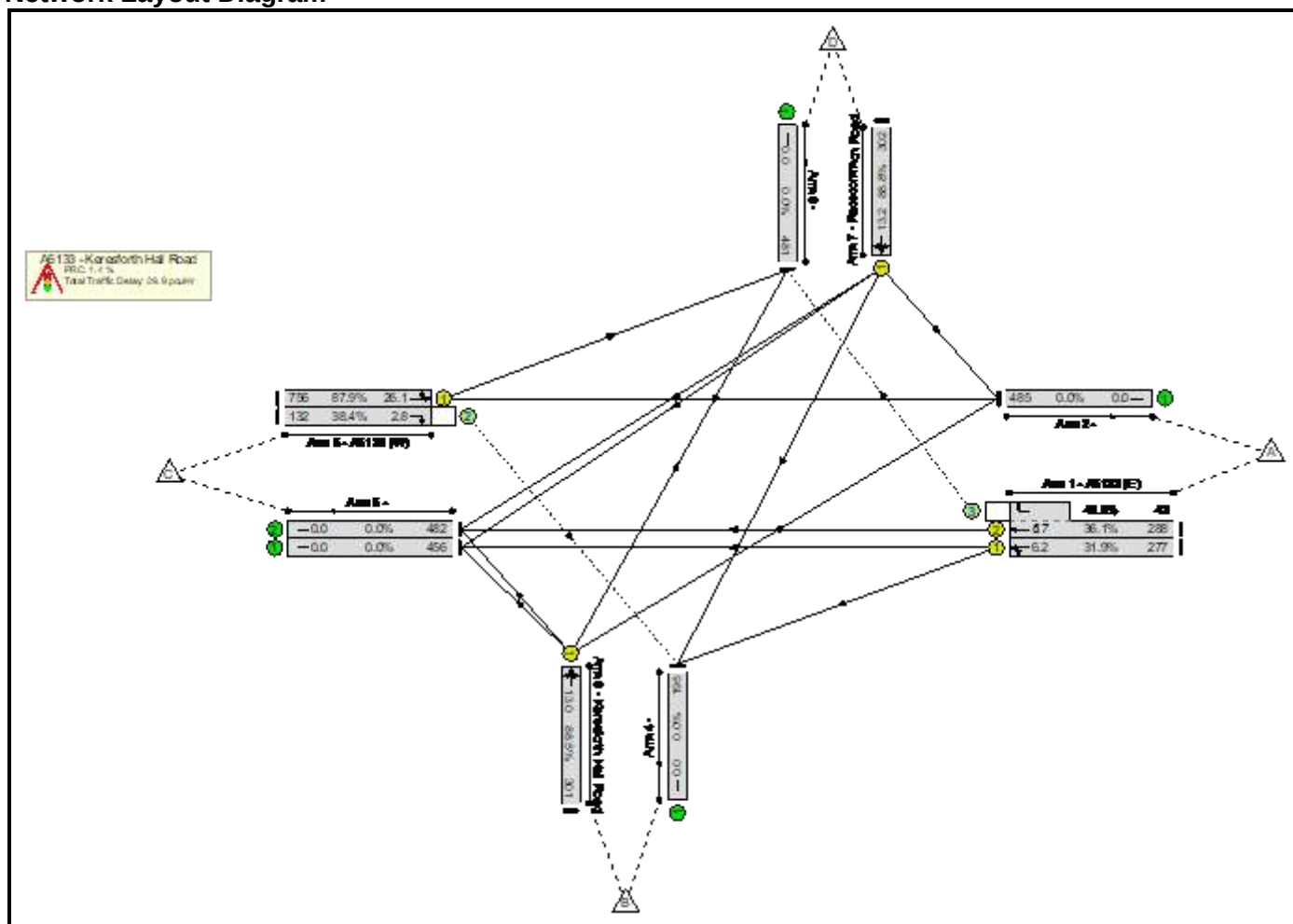
Traffic Flows, Actual

Actual Flow :

	Destination					
Origin		A	B	C	D	Tot.
	A	0	16	549	43	608
	B	19	0	170	112	301
	C	430	132	0	326	888
	D	36	47	219	0	302
	Tot.	485	195	938	481	2099

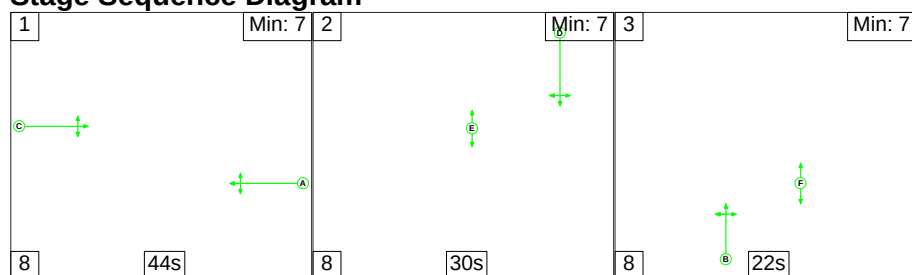
Network Results

MTP Results Summary
Network Layout Diagram



Scenario 2: '2028 Base + Committed Dev PM' (FG2: '2028 Base + Committed Dev PM', Plan 1: 'Network Control Plan 1')

Stage Sequence Diagram



Lane Input Data

Junction: A6133 - Keresforth Hall Road												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (A6133 (E))	U	A	2	3	7.0	Geom	-	3.70	0.00	Y	Arm 4 Left	10.00
											Arm 6 Ahead	Inf
1/2 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.30	0.00	N	Arm 6 Ahead	Inf
1/3 (A6133 (E))	O	A	2	3	5.0	Geom	-	3.25	0.00	Y	Arm 8 Right	12.00
2/1	U		2	3	60.0	Inf	-	-	-	-	-	-
3/1 (Keresforth Hall Road)	U	B	2	3	60.0	Geom	-	2.80	0.00	Y	Arm 2 Right	12.00
											Arm 6 Left	8.00
											Arm 8 Ahead	Inf
4/1	U		2	3	60.0	Inf	-	-	-	-	-	-
5/1 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.20	0.00	Y	Arm 2 Ahead	Inf
											Arm 8 Left	13.00
5/2 (A6133 (W))	O	C	2	3	60.0	Geom	-	3.60	0.00	N	Arm 4 Right	15.00
6/1	U		2	3	60.0	Inf	-	-	-	-	-	-
6/2	U		2	3	60.0	Inf	-	-	-	-	-	-
7/1 (Racecommon Road)	U	D	2	3	60.0	Geom	-	3.60	0.00	Y	Arm 2 Left	12.00
											Arm 4 Ahead	Inf
											Arm 6 Right	22.00
8/1	U		2	3	60.0	Inf	-	-	-	-	-	-

Give-Way Lane Input Data

Junction: A6133 - Keresforth Hall Road											
Lane	Movement	Max Flow when Giving Way (PCU/Hr)	Min Flow when Giving Way (PCU/Hr)	Opposing Lane	Opp. Lane Coeff.	Opp. Mvmnts.	Right Turn Storage (PCU)	Non-Blocking Storage (PCU)	RTF	Right Turn Move up (s)	Max Turns in Intergreen (PCU)
1/3 (A6133 (E))	8/1 (Right)	1439	0	5/1	1.09	All	2.00	-	0.50	2	2.00
5/2 (A6133 (W))	4/1 (Right)	1439	0	1/1	1.09	All	2.00	-	0.50	2	2.00
				1/2	1.09	All					

MTP Results Summary

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
2: '2028 Base + Committed Dev PM'	15:00	16:00	01:00	

Traffic Flows, Actual

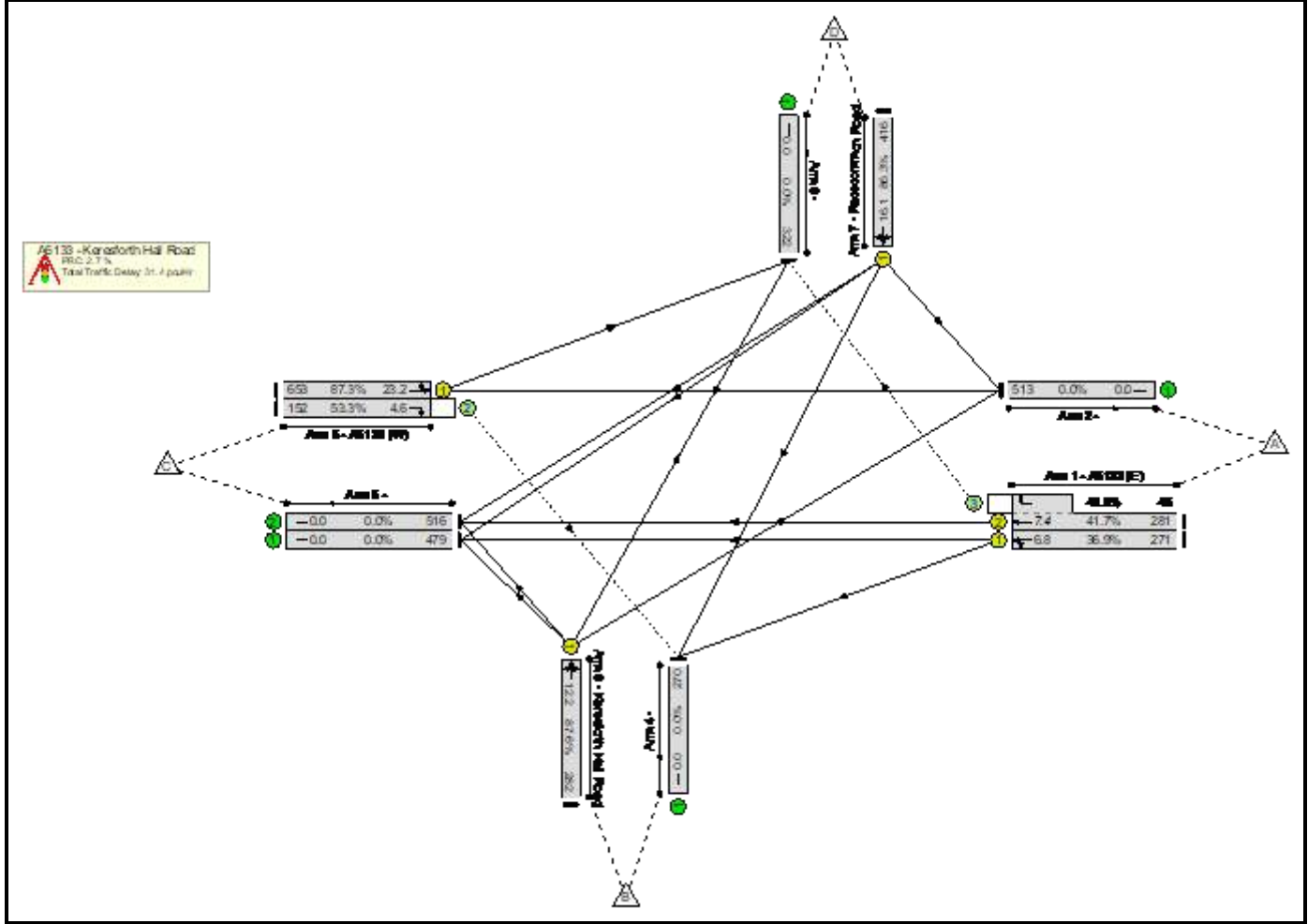
Actual Flow :

	Destination					
Origin		A	B	C	D	Tot.
	A	0	27	525	45	597
	B	20	0	180	82	282
	C	458	152	0	195	805
	D	35	91	290	0	416
	Tot.	513	270	995	322	2100

Network Results

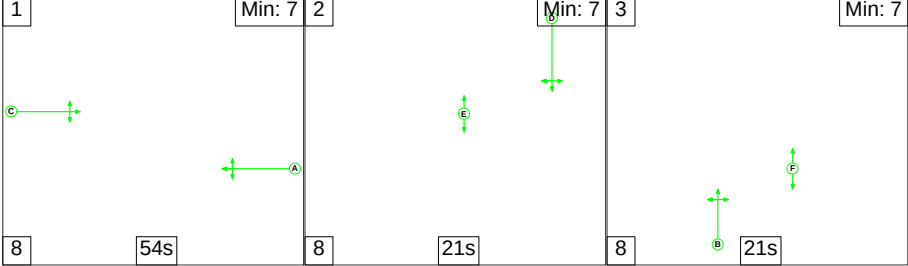
MTP Results Summary

Network Layout Diagram



Scenario 3: '2028 Base + Dev AM' (FG3: '2028 Base + Dev AM', Plan 1: 'Network Control Plan 1')

Stage Sequence Diagram



Lane Input Data

Junction: A6133 - Keresforth Hall Road												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (A6133 (E))	U	A	2	3	7.0	Geom	-	3.70	0.00	Y	Arm 4 Left	10.00
											Arm 6 Ahead	Inf
1/2 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.30	0.00	N	Arm 6 Ahead	Inf
1/3 (A6133 (E))	O	A	2	3	5.0	Geom	-	3.25	0.00	Y	Arm 8 Right	12.00
2/1	U		2	3	60.0	Inf	-	-	-	-	-	-
3/1 (Keresforth Hall Road)	U	B	2	3	60.0	Geom	-	2.80	0.00	Y	Arm 2 Right	12.00
											Arm 6 Left	8.00
											Arm 8 Ahead	Inf
4/1	U		2	3	60.0	Inf	-	-	-	-	-	-
5/1 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.20	0.00	Y	Arm 2 Ahead	Inf
											Arm 8 Left	13.00
5/2 (A6133 (W))	O	C	2	3	60.0	Geom	-	3.60	0.00	N	Arm 4 Right	15.00
6/1	U		2	3	60.0	Inf	-	-	-	-	-	-
6/2	U		2	3	60.0	Inf	-	-	-	-	-	-
7/1 (Racecommon Road)	U	D	2	3	60.0	Geom	-	3.60	0.00	Y	Arm 2 Left	12.00
											Arm 4 Ahead	Inf
											Arm 6 Right	22.00
8/1	U		2	3	60.0	Inf	-	-	-	-	-	-

Give-Way Lane Input Data

Junction: A6133 - Keresforth Hall Road											
Lane	Movement	Max Flow when Giving Way (PCU/Hr)	Min Flow when Giving Way (PCU/Hr)	Opposing Lane	Opp. Lane Coeff.	Opp. Mvmnts.	Right Turn Storage (PCU)	Non-Blocking Storage (PCU)	RTF	Right Turn Move up (s)	Max Turns in Intergreen (PCU)
1/3 (A6133 (E))	8/1 (Right)	1439	0	5/1	1.09	All	2.00	-	0.50	2	2.00
5/2 (A6133 (W))	4/1 (Right)	1439	0	1/1	1.09	All	2.00	-	0.50	2	2.00
				1/2	1.09	All					

MTP Results Summary

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
3: '2028 Base + Dev AM'	08:00	09:00	01:00	

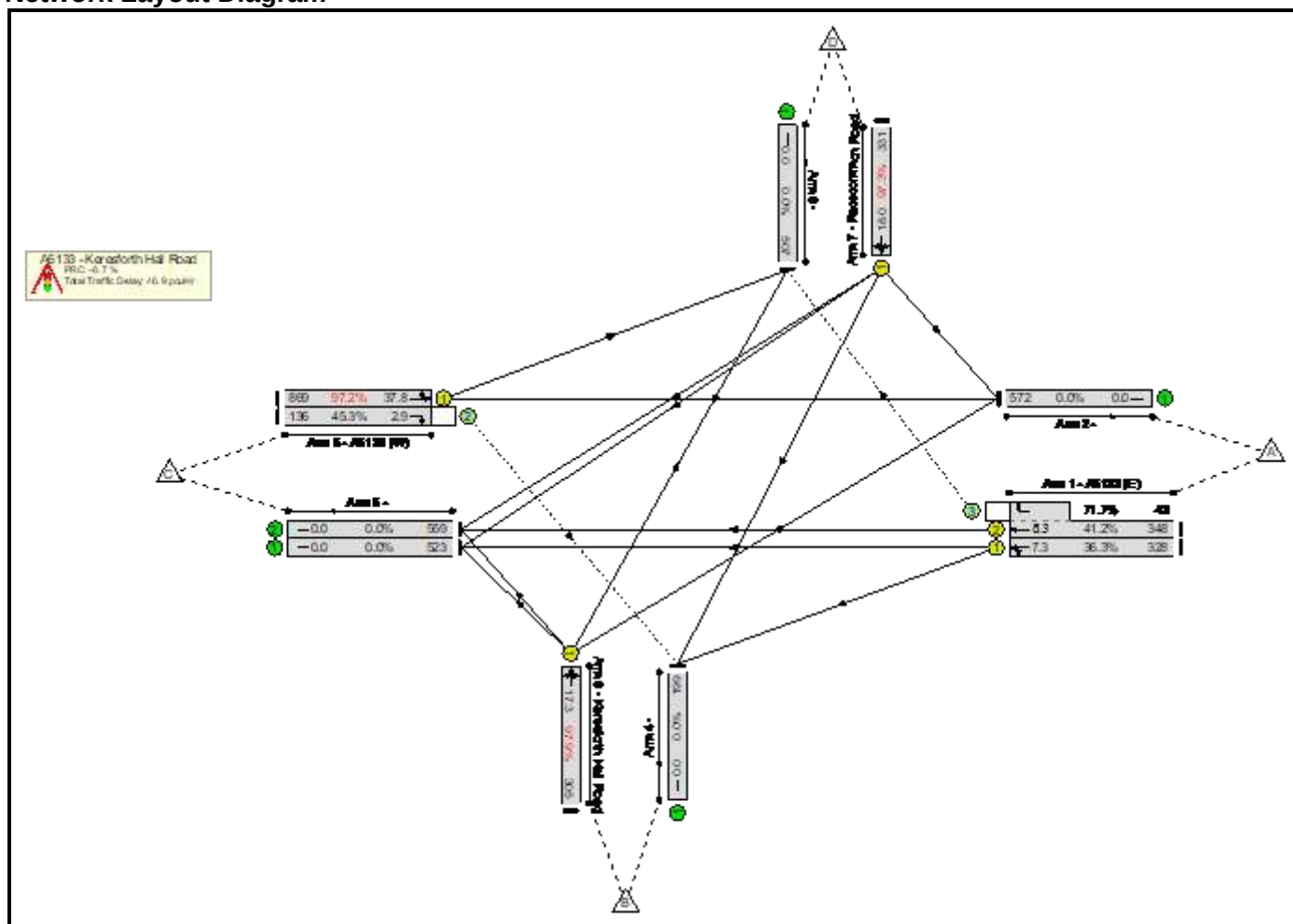
Traffic Flows, Actual

Actual Flow :

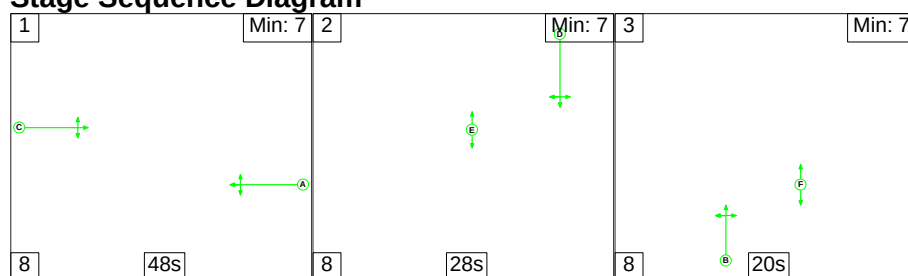
	Destination					
Origin		A	B	C	D	Tot.
	A	0	16	660	43	719
	B	19	0	174	112	305
	C	517	136	0	352	1005
	D	36	47	248	0	331
	Tot.	572	199	1082	507	2360

Network Results

MTP Results Summary
Network Layout Diagram



Scenario 4: '2028 Base + Dev PM' (FG4: '2028 Base + Dev PM', Plan 1: 'Network Control Plan 1')
Stage Sequence Diagram



Lane Input Data

Junction: A6133 - Keresforth Hall Road												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (A6133 (E))	U	A	2	3	7.0	Geom	-	3.70	0.00	Y	Arm 4 Left	10.00
											Arm 6 Ahead	Inf
1/2 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.30	0.00	N	Arm 6 Ahead	Inf
1/3 (A6133 (E))	O	A	2	3	5.0	Geom	-	3.25	0.00	Y	Arm 8 Right	12.00
2/1	U		2	3	60.0	Inf	-	-	-	-	-	-
3/1 (Keresforth Hall Road)	U	B	2	3	60.0	Geom	-	2.80	0.00	Y	Arm 2 Right	12.00
											Arm 6 Left	8.00
											Arm 8 Ahead	Inf
4/1	U		2	3	60.0	Inf	-	-	-	-	-	-
5/1 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.20	0.00	Y	Arm 2 Ahead	Inf
											Arm 8 Left	13.00
5/2 (A6133 (W))	O	C	2	3	60.0	Geom	-	3.60	0.00	N	Arm 4 Right	15.00
6/1	U		2	3	60.0	Inf	-	-	-	-	-	-
6/2	U		2	3	60.0	Inf	-	-	-	-	-	-
7/1 (Racecommon Road)	U	D	2	3	60.0	Geom	-	3.60	0.00	Y	Arm 2 Left	12.00
											Arm 4 Ahead	Inf
											Arm 6 Right	22.00
8/1	U		2	3	60.0	Inf	-	-	-	-	-	-

Give-Way Lane Input Data

Junction: A6133 - Keresforth Hall Road											
Lane	Movement	Max Flow when Giving Way (PCU/Hr)	Min Flow when Giving Way (PCU/Hr)	Opposing Lane	Opp. Lane Coeff.	Opp. Mvmnts.	Right Turn Storage (PCU)	Non-Blocking Storage (PCU)	RTF	Right Turn Move up (s)	Max Turns in Intergreen (PCU)
1/3 (A6133 (E))	8/1 (Right)	1439	0	5/1	1.09	All	2.00	-	0.50	2	2.00
5/2 (A6133 (W))	4/1 (Right)	1439	0	1/1	1.09	All	2.00	-	0.50	2	2.00
				1/2	1.09	All					

MTP Results Summary

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
4: '2028 Base + Dev PM'	15:00	16:00	01:00	

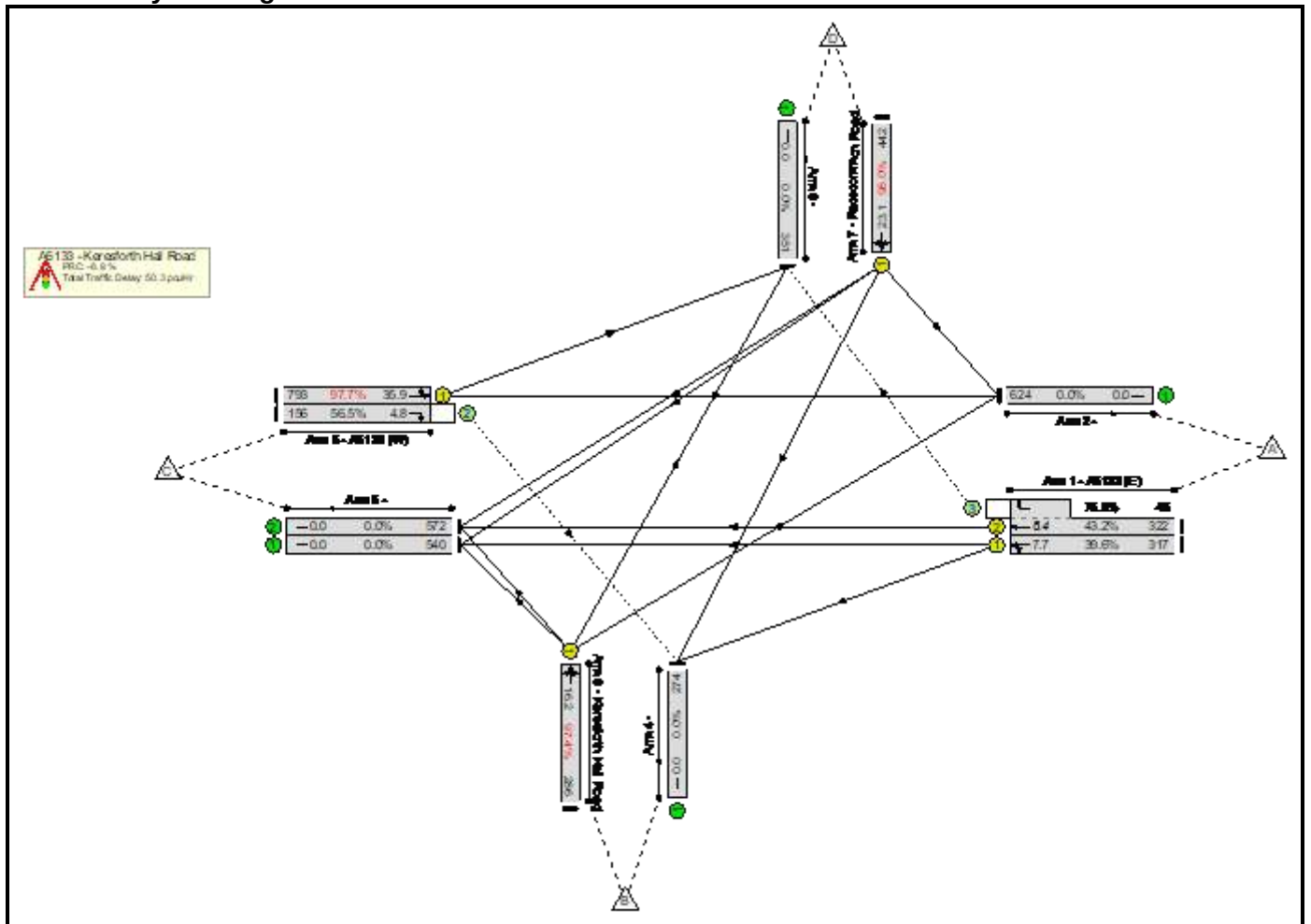
Traffic Flows, Actual

Actual Flow :

	Destination					
Origin		A	B	C	D	Tot.
	A	0	27	612	45	684
	B	20	0	184	82	286
	C	569	156	0	224	949
	D	35	91	316	0	442
	Tot.	624	274	1112	351	2361

Network Results

MTP Results Summary
Network Layout Diagram



Appendix 13

Junctions 9			
PICADY 9 - Priority Intersection Module			
Version: 9.5.1.7462 © Copyright TRL Limited, 2019			
For sales and distribution information, program advice and maintenance, contact TRL: +44 (0)1344 379777 software@trl.co.uk www.trlsoftware.co.uk			
The users of this computer program for the solution of an engineering problem are in no way relieved of their responsibility for the correctness of the solution			

Filename: A6133 - Highstone Avenue Junction.j9

Path: P:\21 Jobs\155 Trinity Academy, Barnsley\Technical Assessments\Modelling\PICADY

Report generation date: 25/11/2021 14:33:57

- »2021, AM
- »2021, PM
- »2028 Base, AM
- »2028 Base, PM
- »2028 Base + Committed Dev, AM
- »2028 Base + Committed Dev, PM
- »2028 Base + Committed Dev + Dev, AM
- »2028 Base + Committed Dev + Dev, PM

Summary of junction performance

	AM				PM			
	Queue (Veh)	Delay (s)	RFC	LOS	Queue (Veh)	Delay (s)	RFC	LOS
2021								
Stream B-C	0.3	9.03	0.25	A	0.2	8.43	0.19	A
Stream B-A	0.2	12.74	0.20	B	0.2	12.54	0.17	B
Stream C-AB	0.5	5.44	0.20	A	0.6	5.62	0.26	A
2028 Base								
Stream B-C	0.3	9.03	0.25	A	0.2	8.43	0.19	A
Stream B-A	0.2	12.74	0.20	B	0.2	12.54	0.17	B
Stream C-AB	0.5	5.44	0.20	A	0.6	5.62	0.26	A
2028 Base + Committed Dev								
Stream B-C	0.3	9.25	0.26	A	0.2	8.65	0.20	A
Stream B-A	0.3	13.44	0.21	B	0.2	13.29	0.18	B
Stream C-AB	0.5	5.36	0.21	A	0.7	5.61	0.27	A
2028 Base + Committed Dev + Dev								
Stream B-C	0.4	10.33	0.29	B	0.3	9.25	0.21	A
Stream B-A	0.3	16.41	0.24	C	0.3	15.97	0.21	C
Stream C-AB	0.7	5.33	0.25	A	1.0	5.62	0.32	A

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	
Location	
Site number	
Date	24/11/2021
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	mtp\WTPGeneral
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	Veh	perHour	s	-Min	perMin

Analysis Options

Vehicle length (m)	Calculate Queue Percentiles	Calculate detailed queueing delay	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
5.75				0.85	36.00	20.00

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	2021	AM	ONE HOUR	07:45	09:15	15	✓
D2	2021	PM	ONE HOUR	14:45	16:15	15	✓
D3	2028 Base	AM	ONE HOUR	07:45	09:15	15	✓
D4	2028 Base	PM	ONE HOUR	14:45	16:15	15	✓
D5	2028 Base + Committed Dev	AM	ONE HOUR	07:45	09:15	15	✓
D6	2028 Base + Committed Dev	PM	ONE HOUR	14:45	16:15	15	✓
D7	2028 Base + Committed Dev + Dev	AM	ONE HOUR	07:45	09:15	15	✓
D8	2028 Base + Committed Dev + Dev	PM	ONE HOUR	14:45	16:15	15	✓

Analysis Set Details

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

2021, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		2.27	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	A6133 Park Rd (WB)		Major
B	Highstone Ave		Minor
C	A6133 Park Rd (EB)		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C - A6133 Park Rd (EB)	7.60			200.0	✓	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	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate flare length	Flare length (PCU)	Visibility to left (m)	Visibility to right (m)
B - Highstone Ave	One lane plus flare	10.00	7.89	3.61	3.57	3.52	✓	1.00	160	70

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Stream	Intercept (Veh/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
B-A	619	0.105	0.265	0.167	0.379
B-C	744	0.106	0.268	-	-
C-B	690	0.249	0.249	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

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	2021	AM	ONE HOUR	07:45	09:15	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 - A6133 Park Rd (WB)		ONE HOUR	✓	486	100.000
B - Highstone Ave		ONE HOUR	✓	186	100.000
C - A6133 Park Rd (EB)		ONE HOUR	✓	471	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
		A - A6133 Park Rd (WB)	B - Highstone Ave	C - A6133 Park Rd (EB)
From	A - A6133 Park Rd (WB)	0	35	451
	B - Highstone Ave	63	0	123
	C - A6133 Park Rd (EB)	402	69	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A - A6133 Park Rd (WB)	B - Highstone Ave	C - A6133 Park Rd (EB)
From	A - A6133 Park Rd (WB)	0	6	8
	B - Highstone Ave	2	0	5
	C - A6133 Park Rd (EB)	3	6	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.25	9.03	0.3	A	113	169
B-A	0.20	12.74	0.2	B	58	87
C-AB	0.20	5.44	0.5	A	122	183
C-A					310	466
A-B					32	48
A-C					414	621

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	93	23	594	0.156	92	0.0	0.2	7.152	A
B-A	47	12	436	0.109	47	0.0	0.1	9.253	A
C-AB	86	22	764	0.113	85	0.0	0.2	5.301	A
C-A	269	67			269				
A-B	26	7			26				
A-C	340	85			340				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	111	28	570	0.194	110	0.2	0.2	7.825	A
B-A	57	14	401	0.141	56	0.1	0.2	10.446	B
C-AB	115	29	790	0.145	114	0.2	0.3	5.339	A
C-A	309	77			309				
A-B	31	8			31				
A-C	405	101			405				

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	135	34	534	0.254	135	0.2	0.3	9.010	A
B-A	69	17	352	0.197	69	0.2	0.2	12.701	B
C-AB	164	41	828	0.198	163	0.3	0.4	5.432	A
C-A	354	89			354				
A-B	39	10			39				
A-C	497	124			497				

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	135	34	534	0.254	135	0.3	0.3	9.033	A
B-A	69	17	352	0.197	69	0.2	0.2	12.738	B
C-AB	164	41	828	0.198	164	0.4	0.5	5.435	A
C-A	354	89			354				
A-B	39	10			39				
A-C	497	124			497				

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	111	28	570	0.194	111	0.3	0.2	7.852	A
B-A	57	14	401	0.141	57	0.2	0.2	10.486	B
C-AB	115	29	791	0.146	116	0.5	0.3	5.340	A
C-A	308	77			308				
A-B	31	8			31				
A-C	405	101			405				

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	93	23	594	0.156	93	0.2	0.2	7.185	A
B-A	47	12	435	0.109	48	0.2	0.1	9.295	A
C-AB	86	22	765	0.113	87	0.3	0.2	5.314	A
C-A	268	67			268				
A-B	26	7			26				
A-C	340	85			340				

2021, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		2.07	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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	2021	PM	ONE HOUR	14:45	16:15	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 - A6133 Park Rd (WB)		ONE HOUR	✓	508	100.000
B - Highstone Ave		ONE HOUR	✓	147	100.000
C - A6133 Park Rd (EB)		ONE HOUR	✓	523	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
		A - A6133 Park Rd (WB)	B - Highstone Ave	C - A6133 Park Rd (EB)
From	A - A6133 Park Rd (WB)	0	47	461
	B - Highstone Ave	55	0	92
	C - A6133 Park Rd (EB)	435	88	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A - A6133 Park Rd (WB)	B - Highstone Ave	C - A6133 Park Rd (EB)
From	A - A6133 Park Rd (WB)	0	2	5
	B - Highstone Ave	0	0	7
	C - A6133 Park Rd (EB)	4	3	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.19	8.43	0.2	A	84	127
B-A	0.17	12.54	0.2	B	50	76
C-AB	0.26	5.62	0.6	A	162	242
C-A					318	477
A-B					43	65
A-C					423	635

Main Results for each time segment

14:45 - 15:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	69	17	586	0.118	69	0.0	0.1	6.958	A
B-A	41	10	435	0.095	41	0.0	0.1	9.125	A
C-AB	113	28	792	0.143	112	0.0	0.3	5.292	A
C-A	281	70			281				
A-B	35	9			35				
A-C	347	87			347				

15:00 - 15:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	83	21	562	0.147	83	0.1	0.2	7.500	A
B-A	49	12	399	0.124	49	0.1	0.1	10.302	B
C-AB	152	38	820	0.185	151	0.3	0.4	5.387	A
C-A	318	80			318				
A-B	42	11			42				
A-C	414	104			414				

15:15 - 15:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	101	25	529	0.192	101	0.2	0.2	8.414	A
B-A	61	15	348	0.174	60	0.1	0.2	12.508	B
C-AB	219	55	862	0.255	218	0.4	0.6	5.608	A
C-A	356	89			356				
A-B	52	13			52				
A-C	508	127			508				

15:30 - 15:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	101	25	528	0.192	101	0.2	0.2	8.427	A
B-A	61	15	348	0.174	61	0.2	0.2	12.541	B
C-AB	220	55	862	0.255	220	0.6	0.6	5.624	A
C-A	356	89			356				
A-B	52	13			52				
A-C	508	127			508				

15:45 - 16:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	83	21	562	0.147	83	0.2	0.2	7.514	A
B-A	49	12	398	0.124	50	0.2	0.1	10.337	B
C-AB	152	38	821	0.186	153	0.6	0.4	5.413	A
C-A	318	79			318				
A-B	42	11			42				
A-C	414	104			414				

16:00 - 16:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	69	17	585	0.118	69	0.2	0.1	6.979	A
B-A	41	10	435	0.095	42	0.1	0.1	9.163	A
C-AB	114	28	793	0.143	114	0.4	0.3	5.320	A
C-A	280	70			280				
A-B	35	9			35				
A-C	347	87			347				

2028 Base, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		2.27	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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	2028 Base	AM	ONE HOUR	07:45	09:15	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 - A6133 Park Rd (WB)		ONE HOUR	✓	486	100.000
B - Highstone Ave		ONE HOUR	✓	186	100.000
C - A6133 Park Rd (EB)		ONE HOUR	✓	471	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
		A - A6133 Park Rd (WB)	B - Highstone Ave	C - A6133 Park Rd (EB)
From	A - A6133 Park Rd (WB)	0	35	451
	B - Highstone Ave	63	0	123
	C - A6133 Park Rd (EB)	402	69	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A - A6133 Park Rd (WB)	B - Highstone Ave	C - A6133 Park Rd (EB)
From	A - A6133 Park Rd (WB)	0	6	8
	B - Highstone Ave	2	0	5
	C - A6133 Park Rd (EB)	3	6	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.25	9.03	0.3	A	113	169
B-A	0.20	12.74	0.2	B	58	87
C-AB	0.20	5.44	0.5	A	122	183
C-A					310	466
A-B					32	48
A-C					414	621

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	93	23	594	0.156	92	0.0	0.2	7.152	A
B-A	47	12	436	0.109	47	0.0	0.1	9.253	A
C-AB	86	22	764	0.113	85	0.0	0.2	5.301	A
C-A	269	67			269				
A-B	26	7			26				
A-C	340	85			340				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	111	28	570	0.194	110	0.2	0.2	7.825	A
B-A	57	14	401	0.141	56	0.1	0.2	10.446	B
C-AB	115	29	790	0.145	114	0.2	0.3	5.339	A
C-A	309	77			309				
A-B	31	8			31				
A-C	405	101			405				

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	135	34	534	0.254	135	0.2	0.3	9.010	A
B-A	69	17	352	0.197	69	0.2	0.2	12.701	B
C-AB	164	41	828	0.198	163	0.3	0.4	5.432	A
C-A	354	89			354				
A-B	39	10			39				
A-C	497	124			497				

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	135	34	534	0.254	135	0.3	0.3	9.033	A
B-A	69	17	352	0.197	69	0.2	0.2	12.738	B
C-AB	164	41	828	0.198	164	0.4	0.5	5.435	A
C-A	354	89			354				
A-B	39	10			39				
A-C	497	124			497				

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	111	28	570	0.194	111	0.3	0.2	7.852	A
B-A	57	14	401	0.141	57	0.2	0.2	10.486	B
C-AB	115	29	791	0.146	116	0.5	0.3	5.340	A
C-A	308	77			308				
A-B	31	8			31				
A-C	405	101			405				

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	93	23	594	0.156	93	0.2	0.2	7.185	A
B-A	47	12	435	0.109	48	0.2	0.1	9.295	A
C-AB	86	22	765	0.113	87	0.3	0.2	5.314	A
C-A	268	67			268				
A-B	26	7			26				
A-C	340	85			340				

2028 Base, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		2.07	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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	2028 Base	PM	ONE HOUR	14:45	16:15	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 - A6133 Park Rd (WB)		ONE HOUR	✓	508	100.000
B - Highstone Ave		ONE HOUR	✓	147	100.000
C - A6133 Park Rd (EB)		ONE HOUR	✓	523	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
		A - A6133 Park Rd (WB)	B - Highstone Ave	C - A6133 Park Rd (EB)
From	A - A6133 Park Rd (WB)	0	47	461
	B - Highstone Ave	55	0	92
	C - A6133 Park Rd (EB)	435	88	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A - A6133 Park Rd (WB)	B - Highstone Ave	C - A6133 Park Rd (EB)
From	A - A6133 Park Rd (WB)	0	2	5
	B - Highstone Ave	0	0	7
	C - A6133 Park Rd (EB)	4	3	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.19	8.43	0.2	A	84	127
B-A	0.17	12.54	0.2	B	50	76
C-AB	0.26	5.62	0.6	A	162	242
C-A					318	477
A-B					43	65
A-C					423	635

Main Results for each time segment

14:45 - 15:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	69	17	586	0.118	69	0.0	0.1	6.958	A
B-A	41	10	435	0.095	41	0.0	0.1	9.125	A
C-AB	113	28	792	0.143	112	0.0	0.3	5.292	A
C-A	281	70			281				
A-B	35	9			35				
A-C	347	87			347				

15:00 - 15:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	83	21	562	0.147	83	0.1	0.2	7.500	A
B-A	49	12	399	0.124	49	0.1	0.1	10.302	B
C-AB	152	38	820	0.185	151	0.3	0.4	5.387	A
C-A	318	80			318				
A-B	42	11			42				
A-C	414	104			414				

15:15 - 15:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	101	25	529	0.192	101	0.2	0.2	8.414	A
B-A	61	15	348	0.174	60	0.1	0.2	12.508	B
C-AB	219	55	862	0.255	218	0.4	0.6	5.608	A
C-A	356	89			356				
A-B	52	13			52				
A-C	508	127			508				

15:30 - 15:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	101	25	528	0.192	101	0.2	0.2	8.427	A
B-A	61	15	348	0.174	61	0.2	0.2	12.541	B
C-AB	220	55	862	0.255	220	0.6	0.6	5.624	A
C-A	356	89			356				
A-B	52	13			52				
A-C	508	127			508				

15:45 - 16:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	83	21	562	0.147	83	0.2	0.2	7.514	A
B-A	49	12	398	0.124	50	0.2	0.1	10.337	B
C-AB	152	38	821	0.186	153	0.6	0.4	5.413	A
C-A	318	79			318				
A-B	42	11			42				
A-C	414	104			414				

16:00 - 16:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	69	17	585	0.118	69	0.2	0.1	6.979	A
B-A	41	10	435	0.095	42	0.1	0.1	9.163	A
C-AB	114	28	793	0.143	114	0.4	0.3	5.320	A
C-A	280	70			280				
A-B	35	9			35				
A-C	347	87			347				

2028 Base + Committed Dev, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		2.24	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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
D5	2028 Base + Committed Dev	AM	ONE HOUR	07:45	09:15	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 - A6133 Park Rd (WB)		ONE HOUR	✓	512	100.000
B - Highstone Ave		ONE HOUR	✓	186	100.000
C - A6133 Park Rd (EB)		ONE HOUR	✓	506	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
		A - A6133 Park Rd (WB)	B - Highstone Ave	C - A6133 Park Rd (EB)
From	A - A6133 Park Rd (WB)	0	35	477
	B - Highstone Ave	63	0	123
	C - A6133 Park Rd (EB)	437	69	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A - A6133 Park Rd (WB)	B - Highstone Ave	C - A6133 Park Rd (EB)
From	A - A6133 Park Rd (WB)	0	6	8
	B - Highstone Ave	2	0	5
	C - A6133 Park Rd (EB)	3	6	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.26	9.25	0.3	A	113	169
B-A	0.21	13.44	0.3	B	58	87
C-AB	0.21	5.36	0.5	A	129	194
C-A					335	502
A-B					32	48
A-C					438	657

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	93	23	589	0.157	92	0.0	0.2	7.234	A
B-A	47	12	426	0.111	47	0.0	0.1	9.495	A
C-AB	90	23	778	0.116	89	0.0	0.2	5.225	A
C-A	291	73			291				
A-B	26	7			26				
A-C	359	90			359				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	111	28	563	0.196	110	0.2	0.2	7.947	A
B-A	57	14	389	0.146	56	0.1	0.2	10.820	B
C-AB	121	30	807	0.150	121	0.2	0.3	5.255	A
C-A	334	83			334				
A-B	31	8			31				
A-C	429	107			429				

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	135	34	525	0.258	135	0.2	0.3	9.224	A
B-A	69	17	338	0.206	69	0.2	0.3	13.389	B
C-AB	176	44	850	0.207	175	0.3	0.5	5.352	A
C-A	381	95			381				
A-B	39	10			39				
A-C	525	131			525				

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	135	34	525	0.258	135	0.3	0.3	9.248	A
B-A	69	17	337	0.206	69	0.3	0.3	13.435	B
C-AB	176	44	850	0.208	176	0.5	0.5	5.357	A
C-A	381	95			381				
A-B	39	10			39				
A-C	525	131			525				

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	111	28	563	0.196	111	0.3	0.2	7.975	A
B-A	57	14	389	0.146	57	0.3	0.2	10.866	B
C-AB	122	30	808	0.151	122	0.5	0.3	5.259	A
C-A	333	83			333				
A-B	31	8			31				
A-C	429	107			429				

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	93	23	588	0.157	93	0.2	0.2	7.268	A
B-A	47	12	425	0.112	48	0.2	0.1	9.539	A
C-AB	91	23	779	0.116	91	0.3	0.2	5.239	A
C-A	290	73			290				
A-B	26	7			26				
A-C	359	90			359				

2028 Base + Committed Dev, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		2.06	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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
D6	2028 Base + Committed Dev	PM	ONE HOUR	14:45	16:15	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 - A6133 Park Rd (WB)		ONE HOUR	✓	542	100.000
B - Highstone Ave		ONE HOUR	✓	147	100.000
C - A6133 Park Rd (EB)		ONE HOUR	✓	553	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
		A - A6133 Park Rd (WB)	B - Highstone Ave	C - A6133 Park Rd (EB)
From	A - A6133 Park Rd (WB)	0	47	495
	B - Highstone Ave	55	0	92
	C - A6133 Park Rd (EB)	465	88	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A - A6133 Park Rd (WB)	B - Highstone Ave	C - A6133 Park Rd (EB)
From	A - A6133 Park Rd (WB)	0	2	5
	B - Highstone Ave	0	0	7
	C - A6133 Park Rd (EB)	4	3	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.20	8.65	0.2	A	84	127
B-A	0.18	13.29	0.2	B	50	76
C-AB	0.27	5.61	0.7	A	171	256
C-A					337	505
A-B					43	65
A-C					454	681

Main Results for each time segment

14:45 - 15:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	69	17	579	0.120	69	0.0	0.1	7.053	A
B-A	41	10	424	0.098	41	0.0	0.1	9.387	A
C-AB	118	29	802	0.147	116	0.0	0.3	5.249	A
C-A	299	75			299				
A-B	35	9			35				
A-C	373	93			373				

15:00 - 15:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	83	21	554	0.149	83	0.1	0.2	7.635	A
B-A	49	12	385	0.128	49	0.1	0.1	10.708	B
C-AB	160	40	833	0.192	159	0.3	0.4	5.347	A
C-A	338	84			338				
A-B	42	11			42				
A-C	445	111			445				

15:15 - 15:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	101	25	518	0.196	101	0.2	0.2	8.636	A
B-A	61	15	332	0.183	60	0.1	0.2	13.253	B
C-AB	234	58	878	0.266	233	0.4	0.7	5.591	A
C-A	375	94			375				
A-B	52	13			52				
A-C	545	136			545				

15:30 - 15:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	101	25	517	0.196	101	0.2	0.2	8.651	A
B-A	61	15	331	0.183	61	0.2	0.2	13.295	B
C-AB	234	59	878	0.267	234	0.7	0.7	5.611	A
C-A	374	94			374				
A-B	52	13			52				
A-C	545	136			545				

15:45 - 16:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	83	21	554	0.149	83	0.2	0.2	7.654	A
B-A	49	12	385	0.128	50	0.2	0.1	10.750	B
C-AB	160	40	834	0.192	161	0.7	0.4	5.378	A
C-A	337	84			337				
A-B	42	11			42				
A-C	445	111			445				

16:00 - 16:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	69	17	578	0.120	69	0.2	0.1	7.075	A
B-A	41	10	424	0.098	42	0.1	0.1	9.429	A
C-AB	118	30	803	0.147	119	0.4	0.3	5.278	A
C-A	298	75			298				
A-B	35	9			35				
A-C	373	93			373				

2028 Base + Committed Dev + Dev, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		2.31	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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
D7	2028 Base + Committed Dev + Dev	AM	ONE HOUR	07:45	09:15	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 - A6133 Park Rd (WB)		ONE HOUR	✓	619	100.000
B - Highstone Ave		ONE HOUR	✓	190	100.000
C - A6133 Park Rd (EB)		ONE HOUR	✓	593	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
		A - A6133 Park Rd (WB)	B - Highstone Ave	C - A6133 Park Rd (EB)
From	A - A6133 Park Rd (WB)	0	35	584
	B - Highstone Ave	63	0	127
	C - A6133 Park Rd (EB)	520	73	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A - A6133 Park Rd (WB)	B - Highstone Ave	C - A6133 Park Rd (EB)
From	A - A6133 Park Rd (WB)	0	6	7
	B - Highstone Ave	2	0	5
	C - A6133 Park Rd (EB)	2	5	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.29	10.33	0.4	B	117	175
B-A	0.24	16.41	0.3	C	58	87
C-AB	0.25	5.33	0.7	A	159	238
C-A					385	578
A-B					32	48
A-C					536	804

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	96	24	567	0.169	95	0.0	0.2	7.617	A
B-A	47	12	393	0.121	47	0.0	0.1	10.387	B
C-AB	106	27	811	0.131	105	0.0	0.3	5.100	A
C-A	340	85			340				
A-B	26	7			26				
A-C	440	110			440				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	114	29	536	0.213	114	0.2	0.3	8.527	A
B-A	57	14	350	0.162	56	0.1	0.2	12.261	B
C-AB	147	37	847	0.174	147	0.3	0.4	5.153	A
C-A	386	96			386				
A-B	31	8			31				
A-C	525	131			525				

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	140	35	489	0.286	139	0.3	0.4	10.288	B
B-A	69	17	289	0.240	69	0.2	0.3	16.317	C
C-AB	222	56	900	0.247	221	0.4	0.7	5.320	A
C-A	431	108			431				
A-B	39	10			39				
A-C	643	161			643				

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	140	35	488	0.286	140	0.4	0.4	10.331	B
B-A	69	17	289	0.240	69	0.3	0.3	16.410	C
C-AB	223	56	901	0.247	223	0.7	0.7	5.329	A
C-A	430	107			430				
A-B	39	10			39				
A-C	643	161			643				

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	114	29	535	0.213	115	0.4	0.3	8.566	A
B-A	57	14	349	0.162	57	0.3	0.2	12.336	B
C-AB	148	37	848	0.174	149	0.7	0.4	5.160	A
C-A	385	96			385				
A-B	31	8			31				
A-C	525	131			525				

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	96	24	566	0.169	96	0.3	0.2	7.656	A
B-A	47	12	392	0.121	48	0.2	0.1	10.447	B
C-AB	107	27	812	0.132	108	0.4	0.3	5.117	A
C-A	339	85			339				
A-B	26	7			26				
A-C	440	110			440				

2028 Base + Committed Dev + Dev, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		2.13	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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
D8	2028 Base + Committed Dev + Dev	PM	ONE HOUR	14:45	16:15	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 - A6133 Park Rd (WB)		ONE HOUR	✓	625	100.000
B - Highstone Ave		ONE HOUR	✓	151	100.000
C - A6133 Park Rd (EB)		ONE HOUR	✓	664	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
		A - A6133 Park Rd (WB)	B - Highstone Ave	C - A6133 Park Rd (EB)
From	A - A6133 Park Rd (WB)	0	47	578
	B - Highstone Ave	55	0	96
	C - A6133 Park Rd (EB)	572	92	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A - A6133 Park Rd (WB)	B - Highstone Ave	C - A6133 Park Rd (EB)
From	A - A6133 Park Rd (WB)	0	2	4
	B - Highstone Ave	0	0	6
	C - A6133 Park Rd (EB)	3	3	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.21	9.25	0.3	A	88	132
B-A	0.21	15.97	0.3	C	50	76
C-AB	0.32	5.62	1.0	A	215	322
C-A					395	592
A-B					43	65
A-C					530	796

Main Results for each time segment

14:45 - 15:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	72	18	568	0.127	72	0.0	0.1	7.251	A
B-A	41	10	393	0.105	41	0.0	0.1	10.203	B
C-AB	141	35	846	0.167	140	0.0	0.4	5.092	A
C-A	359	90			359				
A-B	35	9			35				
A-C	435	109			435				

15:00 - 15:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	86	22	539	0.160	86	0.1	0.2	7.945	A
B-A	49	12	348	0.142	49	0.1	0.2	12.023	B
C-AB	198	49	888	0.223	197	0.4	0.5	5.221	A
C-A	399	100			399				
A-B	42	11			42				
A-C	520	130			520				

15:15 - 15:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	106	26	495	0.213	105	0.2	0.3	9.223	A
B-A	61	15	286	0.212	60	0.2	0.3	15.894	C
C-AB	304	76	949	0.320	302	0.5	1.0	5.590	A
C-A	427	107			427				
A-B	52	13			52				
A-C	636	159			636				

15:30 - 15:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	106	26	495	0.214	106	0.3	0.3	9.245	A
B-A	61	15	286	0.212	61	0.3	0.3	15.975	C
C-AB	305	76	950	0.321	305	1.0	1.0	5.618	A
C-A	426	107			426				
A-B	52	13			52				
A-C	636	159			636				

15:45 - 16:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	86	22	539	0.160	87	0.3	0.2	7.972	A
B-A	49	12	348	0.142	50	0.3	0.2	12.095	B
C-AB	199	50	889	0.223	200	1.0	0.6	5.255	A
C-A	398	100			398				
A-B	42	11			42				
A-C	520	130			520				

16:00 - 16:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	72	18	567	0.127	72	0.2	0.1	7.276	A
B-A	41	10	393	0.105	42	0.2	0.1	10.261	B
C-AB	142	36	847	0.168	143	0.6	0.4	5.125	A
C-A	358	89			358				
A-B	35	9			35				
A-C	435	109			435				

Appendix 14

Junctions 9								
PICADY 9 - Priority Intersection Module								
Version: 9.5.1.7462 © Copyright TRL Limited, 2019								
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Filename: A6133 - Duke St - Warren Quarry Ln Junction.j9

Path: P:\21 Jobs\155 Trinity Academy, Barnsley\Technical Assessments\Modelling\PICADY

Report generation date: 25/11/2021 15:25:08

»2021, AM
 »2021, PM
 »2028 Base, AM
 »2028 Base, PM
 »2028 Base + Committed Dev, AM
 »2028 Base + Committed Dev, PM
 »2028 Base + Committed Dev + Dev, AM
 »2028 Base + Committed Dev + Dev, PM

Summary of junction performance

	AM				PM			
	Queue (Veh)	Delay (s)	RFC	LOS	Queue (Veh)	Delay (s)	RFC	LOS
2021								
Stream B-ACD	0.5	9.67	0.33	A	0.3	8.68	0.25	A
Stream AB-CD	1.0	6.82	0.38	A	0.5	5.73	0.24	A
Stream D-AB	0.2	7.28	0.13	A	0.6	10.23	0.36	B
Stream D-C	0.3	14.37	0.25	B	0.5	16.44	0.34	C
Stream CD-AB	0.3	5.03	0.12	A	0.8	6.04	0.32	A
2028 Base								
Stream B-ACD	0.5	9.67	0.33	A	0.3	8.68	0.25	A
Stream AB-CD	1.0	6.83	0.38	A	0.5	5.73	0.24	A
Stream D-AB	0.2	7.29	0.13	A	0.6	10.23	0.36	B
Stream D-C	0.3	14.39	0.25	B	0.5	16.44	0.34	C
Stream CD-AB	0.3	5.03	0.12	A	0.8	6.04	0.32	A
2028 Base + Committed Dev								
Stream B-ACD	0.5	9.87	0.33	A	0.3	8.91	0.26	A
Stream AB-CD	1.1	6.90	0.40	A	0.6	5.69	0.25	A
Stream D-AB	0.2	7.47	0.14	A	0.6	10.62	0.37	B
Stream D-C	0.3	15.20	0.26	C	0.6	17.59	0.36	C
Stream CD-AB	0.3	4.95	0.13	A	0.9	6.07	0.34	A
2028 Base + Committed Dev + Dev								
Stream B-ACD	0.6	11.06	0.38	B	0.4	9.76	0.30	A
Stream AB-CD	1.4	7.10	0.45	A	0.7	5.62	0.28	A
Stream D-AB	0.2	8.17	0.15	A	0.7	12.17	0.40	B
Stream D-C	0.5	18.58	0.32	C	0.7	21.98	0.41	C
Stream CD-AB	0.4	5.01	0.19	A	1.3	6.65	0.43	A

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	
Location	
Site number	
Date	24/11/2021
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	mtp\MTPGeneral
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	Veh	perHour	s	-Min	perMin

Analysis Options

Vehicle length (m)	Calculate Queue Percentiles	Calculate detailed queueing delay	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
5.75				0.85	36.00	20.00

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	2021	AM	ONE HOUR	07:45	09:15	15	✓
D2	2021	PM	ONE HOUR	14:45	16:15	15	✓
D3	2028 Base	AM	ONE HOUR	07:45	09:15	15	✓
D4	2028 Base	PM	ONE HOUR	14:45	16:15	15	✓
D5	2028 Base + Committed Dev	AM	ONE HOUR	07:45	09:15	15	✓
D6	2028 Base + Committed Dev	PM	ONE HOUR	14:45	16:15	15	✓
D7	2028 Base + Committed Dev + Dev	AM	ONE HOUR	07:45	09:15	15	✓
D8	2028 Base + Committed Dev + Dev	PM	ONE HOUR	14:45	16:15	15	✓

Analysis Set Details

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

2021, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		2.60	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	A6133 Park Rd (WB)		Major
B	Warren Quarry Ln		Minor
C	A6133 Park Rd (EB)		Major
D	Duke St		Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
A - A6133 Park Rd (WB)	8.06			250.0	✓	0.00
C - A6133 Park Rd (EB)	8.06			200.0	✓	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)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate flare length	Flare length (PCU)	Visibility to left (m)	Visibility to right (m)
B - Warren Quarry Ln	One lane	4.07								56	15
D - Duke St	One lane plus flare		10.00	4.43	3.50	3.50	3.50		1.00	70	118

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Stream	Intercept (Veh/hr)	Slope for A-B	Slope for A-C	Slope for A-D	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
AB-D	719	-	-	-	-	-	0.254	0.254	0.254	-	-
B-A	557	0.092	0.233	0.233	-	-	0.147	0.333	-	0.147	0.333
B-CD	701	0.098	0.247	0.247	-	-	-	-	-	-	-
CD-B	690	0.243	0.243	0.243	-	-	-	-	-	-	-
D-AB	736	-	-	-	-	-	0.260	0.260	0.103	-	-
D-C	597	-	0.157	0.358	0.157	0.358	0.250	0.250	0.099	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

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	2021	AM	ONE HOUR	07:45	09:15	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 - A6133 Park Rd (WB)		ONE HOUR	✓	387	100.000
B - Warren Quarry Ln		ONE HOUR	✓	166	100.000
C - A6133 Park Rd (EB)		ONE HOUR	✓	443	100.000
D - Duke St		ONE HOUR	✓	143	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
		A - A6133 Park Rd (WB)	B - Warren Quarry Ln	C - A6133 Park Rd (EB)	D - Duke St
From	A - A6133 Park Rd (WB)	0	7	319	61
	B - Warren Quarry Ln	9	0	70	87
	C - A6133 Park Rd (EB)	314	17	0	112
	D - Duke St	36	33	74	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
		A - A6133 Park Rd (WB)	B - Warren Quarry Ln	C - A6133 Park Rd (EB)	D - Duke St
From	A - A6133 Park Rd (WB)	0	0	10	2
	B - Warren Quarry Ln	0	0	3	3
	C - A6133 Park Rd (EB)	3	0	0	0
	D - Duke St	0	3	7	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-ACD	0.33	9.67	0.5	A	152	228
A-B					6	10
A-C					293	439
A-D					56	84
AB-CD	0.38	6.82	1.0	A	245	367
AB-C					248	372
D-AB	0.13	7.28	0.2	A	63	95
D-C	0.25	14.37	0.3	B	68	102
C-D					103	154
C-A					288	432
C-B					16	23
CD-AB	0.12	5.03	0.3	A	78	117
CD-A					289	433

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	125	31	593	0.211	124	0.0	0.3	7.664	A
A-B	5	1			5				
A-C	240	60			240				
A-D	46	11			46				
AB-CD	175	44	800	0.218	173	0.0	0.4	5.739	A
AB-C	229	57			229				
D-AB	52	13	627	0.083	52	0.0	0.1	6.247	A
D-C	56	14	405	0.138	55	0.0	0.2	10.270	B
C-D	84	21			84				
C-A	236	59			236				
C-B	13	3			13				
CD-AB	57	14	774	0.073	56	0.0	0.1	5.015	A
CD-A	244	61			244				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	149	37	577	0.259	149	0.3	0.3	8.406	A
A-B	6	2			6				
A-C	287	72			287				
A-D	55	14			55				
AB-CD	231	58	823	0.281	231	0.4	0.6	6.070	A
AB-C	251	63			251				
D-AB	62	16	605	0.103	62	0.1	0.1	6.629	A
D-C	67	17	374	0.178	66	0.2	0.2	11.677	B
C-D	101	25			101				
C-A	282	71			282				
C-B	15	4			15				
CD-AB	74	19	796	0.093	74	0.1	0.2	4.992	A
CD-A	285	71			285				

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	183	46	555	0.329	182	0.3	0.5	9.645	A
AB	8	2			8				
A-C	351	88			351				
A-D	67	17			67				
AB-CD	326	81	857	0.380	324	0.6	1.0	6.761	A
AB-C	265	66			265				
D-AB	76	19	571	0.133	76	0.1	0.2	7.272	A
D-C	81	20	332	0.245	81	0.2	0.3	14.296	B
C-D	123	31			123				
C-A	346	86			346				
C-B	19	5			19				
CD-AB	103	26	827	0.125	103	0.2	0.3	4.972	A
CD-A	337	84			337				

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	183	46	555	0.329	183	0.5	0.5	9.674	A
AB	8	2			8				
A-C	351	88			351				
A-D	67	17			67				
AB-CD	327	82	857	0.381	327	1.0	1.0	6.823	A
AB-C	264	66			264				
D-AB	76	19	570	0.133	76	0.2	0.2	7.282	A
D-C	81	20	332	0.245	81	0.3	0.3	14.366	B
C-D	123	31			123				
C-A	346	86			346				
C-B	19	5			19				
CD-AB	103	26	827	0.125	103	0.3	0.3	4.978	A
CD-A	337	84			337				

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	149	37	577	0.259	150	0.5	0.4	8.441	A
AB	6	2			6				
A-C	287	72			287				
A-D	55	14			55				
AB-CD	233	58	824	0.282	234	1.0	0.6	6.154	A
AB-C	251	63			251				
D-AB	62	16	604	0.103	62	0.2	0.1	6.640	A
D-C	67	17	374	0.178	67	0.3	0.2	11.751	B
C-D	101	25			101				
C-A	282	71			282				
C-B	15	4			15				
CD-AB	75	19	796	0.094	75	0.3	0.2	4.999	A
CD-A	285	71			285				

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	125	31	593	0.211	125	0.4	0.3	7.709	A
A-B	5	1			5				
A-C	240	60			240				
A-D	46	11			46				
AB-CD	176	44	801	0.220	177	0.6	0.4	5.805	A
AB-C	228	57			228				
D-AB	52	13	627	0.083	52	0.1	0.1	6.264	A
D-C	56	14	404	0.138	56	0.2	0.2	10.345	B
C-D	84	21			84				
C-A	236	59			236				
C-B	13	3			13				
CD-AB	57	14	774	0.074	57	0.2	0.1	5.026	A
CD-A	244	61			244				

2021, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		3.11	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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	2021	PM	ONE HOUR	14:45	16:15	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 - A6133 Park Rd (WB)		ONE HOUR	✓	344	100.000
B - Warren Quarry Ln		ONE HOUR	✓	127	100.000
C - A6133 Park Rd (EB)		ONE HOUR	✓	478	100.000
D - Duke St		ONE HOUR	✓	284	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
From		A - A6133 Park Rd (WB)	B - Warren Quarry Ln	C - A6133 Park Rd (EB)	D - Duke St
	A - A6133 Park Rd (WB)	0	16	297	31
	B - Warren Quarry Ln	11	0	53	63
	C - A6133 Park Rd (EB)	335	33	0	110
	D - Duke St	90	90	104	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
From		A - A6133 Park Rd (WB)	B - Warren Quarry Ln	C - A6133 Park Rd (EB)	D - Duke St
	A - A6133 Park Rd (WB)	0	0	6	3
	B - Warren Quarry Ln	0	0	4	2
	C - A6133 Park Rd (EB)	4	9	0	3
	D - Duke St	0	2	4	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-ACD	0.25	8.68	0.3	A	117	175
A-B					15	22
A-C					273	409
A-D					28	43
AB-CD	0.24	5.73	0.5	A	147	221
AB-C					260	390
D-AB	0.36	10.23	0.6	B	165	248
D-C	0.34	16.44	0.5	C	95	143
C-D					101	151
C-A					307	461
C-B					30	45
CD-AB	0.32	6.04	0.8	A	214	322
CD-A					288	432

Main Results for each time segment

14:45 - 15:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	96	24	592	0.161	95	0.0	0.2	7.226	A
A-B	12	3			12				
A-C	224	56			224				
A-D	23	6			23				
AB-CD	106	27	779	0.137	105	0.0	0.2	5.346	A
AB-C	227	57			227				
D-AB	136	34	630	0.215	134	0.0	0.3	7.242	A
D-C	78	20	411	0.191	77	0.0	0.2	10.765	B
C-D	83	21			83				
C-A	252	63			252				
C-B	25	6			25				
CD-AB	152	38	810	0.188	151	0.0	0.3	5.459	A
CD-A	259	65			259				

15:00 - 15:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	114	29	577	0.198	114	0.2	0.2	7.776	A
A-B	14	4			14				
A-C	267	67			267				
A-D	28	7			28				
AB-CD	140	35	797	0.175	139	0.2	0.3	5.473	A
AB-C	259	65			259				
D-AB	162	40	600	0.270	161	0.3	0.4	8.200	A
D-C	93	23	380	0.246	93	0.2	0.3	12.543	B
C-D	99	25			99				
C-A	301	75			301				
C-B	30	7			30				
CD-AB	202	51	841	0.241	202	0.3	0.5	5.639	A
CD-A	290	72			290				

15:15 - 15:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	140	35	555	0.252	139	0.2	0.3	8.663	A
A-B	18	4			18				
A-C	327	82			327				
A-D	34	9			34				
AB-CD	194	49	824	0.236	194	0.3	0.5	5.713	A
AB-C	294	74			294				
D-AB	198	50	551	0.360	197	0.4	0.6	10.162	B
D-C	115	29	334	0.343	114	0.3	0.5	16.306	C
C-D	121	30			121				
C-A	369	92			369				
C-B	36	9			36				
CD-AB	287	72	886	0.324	286	0.5	0.8	6.015	A
CD-A	316	79			316				

15:30 - 15:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	140	35	555	0.252	140	0.3	0.3	8.679	A
A-B	18	4			18				
A-C	327	82			327				
A-D	34	9			34				
AB-CD	195	49	824	0.236	195	0.5	0.5	5.734	A
AB-C	294	74			294				
D-AB	198	50	550	0.360	198	0.6	0.6	10.227	B
D-C	115	29	333	0.344	114	0.5	0.5	16.442	C
C-D	121	30			121				
C-A	369	92			369				
C-B	36	9			36				
CD-AB	288	72	886	0.325	288	0.8	0.8	6.038	A
CD-A	316	79			316				

15:45 - 16:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	114	29	577	0.198	115	0.3	0.2	7.797	A
A-B	14	4			14				
A-C	267	67			267				
A-D	28	7			28				
AB-CD	140	35	797	0.176	141	0.5	0.3	5.505	A
AB-C	259	65			259				
D-AB	162	40	599	0.270	163	0.6	0.4	8.260	A
D-C	93	23	379	0.247	94	0.5	0.3	12.662	B
C-D	99	25			99				
C-A	301	75			301				
C-B	30	7			30				
CD-AB	204	51	842	0.242	205	0.8	0.5	5.672	A
CD-A	290	72			290				

16:00 - 16:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	96	24	592	0.161	96	0.2	0.2	7.255	A
A-B	12	3			12				
A-C	224	56			224				
A-D	23	6			23				
AB-CD	107	27	779	0.138	108	0.3	0.2	5.376	A
AB-C	227	57			227				
D-AB	136	34	629	0.215	136	0.4	0.3	7.303	A
D-C	78	20	410	0.191	79	0.3	0.2	10.867	B
C-D	83	21			83				
C-A	252	63			252				
C-B	25	6			25				
CD-AB	154	38	811	0.190	154	0.5	0.4	5.498	A
CD-A	259	65			259				

2028 Base, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		2.60	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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	2028 Base	AM	ONE HOUR	07:45	09:15	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 - A6133 Park Rd (WB)		ONE HOUR	✓	387	100.000
B - Warren Quarry Ln		ONE HOUR	✓	166	100.000
C - A6133 Park Rd (EB)		ONE HOUR	✓	443	100.000
D - Duke St		ONE HOUR	✓	143	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
From		A - A6133 Park Rd (WB)	B - Warren Quarry Ln	C - A6133 Park Rd (EB)	D - Duke St
	A - A6133 Park Rd (WB)	0	7	319	61
	B - Warren Quarry Ln	9	0	70	87
	C - A6133 Park Rd (EB)	314	17	0	112
	D - Duke St	36	33	74	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
From		A - A6133 Park Rd (WB)	B - Warren Quarry Ln	C - A6133 Park Rd (EB)	D - Duke St
	A - A6133 Park Rd (WB)	0	0	10	2
	B - Warren Quarry Ln	0	0	3	3
	C - A6133 Park Rd (EB)	3	0	0	3
	D - Duke St	0	3	7	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-ACD	0.33	9.67	0.5	A	152	228
A-B					6	10
A-C					293	439
A-D					56	84
AB-CD	0.38	6.83	1.0	A	245	367
AB-C					248	372
D-AB	0.13	7.29	0.2	A	63	95
D-C	0.25	14.39	0.3	B	68	102
C-D					103	154
C-A					288	432
C-B					16	23
CD-AB	0.12	5.03	0.3	A	78	117
CD-A					289	433

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	125	31	593	0.211	124	0.0	0.3	7.664	A
A-B	5	1			5				
A-C	240	60			240				
A-D	46	11			46				
AB-CD	175	44	799	0.219	173	0.0	0.4	5.744	A
AB-C	228	57			228				
D-AB	52	13	627	0.083	52	0.0	0.1	6.250	A
D-C	56	14	405	0.138	55	0.0	0.2	10.277	B
C-D	84	21			84				
C-A	236	59			236				
C-B	13	3			13				
CD-AB	57	14	774	0.073	56	0.0	0.1	5.015	A
CD-A	244	61			244				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	149	37	577	0.259	149	0.3	0.3	8.406	A
A-B	6	2			6				
A-C	287	72			287				
A-D	55	14			55				
AB-CD	231	58	823	0.281	231	0.4	0.6	6.079	A
AB-C	251	63			251				
D-AB	62	16	605	0.103	62	0.1	0.1	6.632	A
D-C	67	17	374	0.178	66	0.2	0.2	11.687	B
C-D	101	25			101				
C-A	282	71			282				
C-B	15	4			15				
CD-AB	74	19	796	0.093	74	0.1	0.2	4.990	A
CD-A	285	71			285				

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	183	46	555	0.329	182	0.3	0.5	9.645	A
A-B	8	2			8				
A-C	351	88			351				
A-D	67	17			67				
AB-CD	326	82	856	0.381	325	0.6	1.0	6.773	A
AB-C	265	66			265				
D-AB	76	19	570	0.133	76	0.1	0.2	7.278	A
D-C	81	20	332	0.245	81	0.2	0.3	14.315	B
C-D	123	31			123				
C-A	346	86			346				
C-B	19	5			19				
CD-AB	103	26	827	0.125	103	0.2	0.3	4.974	A
CD-A	337	84			337				

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	183	46	555	0.329	183	0.5	0.5	9.674	A
A-B	8	2			8				
A-C	351	88			351				
A-D	67	17			67				
AB-CD	327	82	857	0.382	327	1.0	1.0	6.835	A
AB-C	264	66			264				
D-AB	76	19	570	0.133	76	0.2	0.2	7.288	A
D-C	81	20	332	0.246	81	0.3	0.3	14.386	B
C-D	123	31			123				
C-A	346	86			346				
C-B	19	5			19				
CD-AB	103	26	827	0.125	103	0.3	0.3	4.978	A
CD-A	337	84			337				

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	149	37	577	0.259	150	0.5	0.4	8.440	A
A-B	6	2			6				
A-C	287	72			287				
A-D	55	14			55				
AB-CD	233	58	824	0.283	234	1.0	0.6	6.164	A
AB-C	251	63			251				
D-AB	62	16	604	0.103	62	0.2	0.1	6.646	A
D-C	67	17	373	0.178	67	0.3	0.2	11.760	B
C-D	101	25			101				
C-A	282	71			282				
C-B	15	4			15				
CD-AB	75	19	796	0.094	75	0.3	0.2	4.999	A
CD-A	285	71			285				

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	125	31	593	0.211	125	0.4	0.3	7.709	A
A-B	5	1			5				
A-C	240	60			240				
A-D	46	11			46				
AB-CD	176	44	800	0.221	177	0.6	0.4	5.809	A
AB-C	228	57			228				
D-AB	52	13	626	0.083	52	0.1	0.1	6.270	A
D-C	56	14	404	0.138	56	0.2	0.2	10.352	B
C-D	84	21			84				
C-A	236	59			236				
C-B	13	3			13				
CD-AB	57	14	774	0.074	57	0.2	0.1	5.028	A
CD-A	244	61			244				

2028 Base, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		3.11	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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	2028 Base	PM	ONE HOUR	14:45	16:15	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 - A6133 Park Rd (WB)		ONE HOUR	✓	344	100.000
B - Warren Quarry Ln		ONE HOUR	✓	127	100.000
C - A6133 Park Rd (EB)		ONE HOUR	✓	478	100.000
D - Duke St		ONE HOUR	✓	284	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
From		A - A6133 Park Rd (WB)	B - Warren Quarry Ln	C - A6133 Park Rd (EB)	D - Duke St
	A - A6133 Park Rd (WB)	0	16	297	31
	B - Warren Quarry Ln	11	0	53	63
	C - A6133 Park Rd (EB)	335	33	0	110
	D - Duke St	90	90	104	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
From		A - A6133 Park Rd (WB)	B - Warren Quarry Ln	C - A6133 Park Rd (EB)	D - Duke St
	A - A6133 Park Rd (WB)	0	0	6	3
	B - Warren Quarry Ln	0	0	4	2
	C - A6133 Park Rd (EB)	4	9	0	3
	D - Duke St	0	2	4	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-ACD	0.25	8.68	0.3	A	117	175
A-B					15	22
A-C					273	409
A-D					28	43
AB-CD	0.24	5.73	0.5	A	147	221
AB-C					260	390
D-AB	0.36	10.23	0.6	B	165	248
D-C	0.34	16.44	0.5	C	95	143
C-D					101	151
C-A					307	461
C-B					30	45
CD-AB	0.32	6.04	0.8	A	214	322
CD-A					288	432

Main Results for each time segment

14:45 - 15:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	96	24	592	0.161	95	0.0	0.2	7.226	A
A-B	12	3			12				
A-C	224	56			224				
A-D	23	6			23				
AB-CD	106	27	779	0.137	105	0.0	0.2	5.346	A
AB-C	227	57			227				
D-AB	136	34	630	0.215	134	0.0	0.3	7.242	A
D-C	78	20	411	0.191	77	0.0	0.2	10.765	B
C-D	83	21			83				
C-A	252	63			252				
C-B	25	6			25				
CD-AB	152	38	810	0.188	151	0.0	0.3	5.459	A
CD-A	259	65			259				

15:00 - 15:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	114	29	577	0.198	114	0.2	0.2	7.776	A
A-B	14	4			14				
A-C	267	67			267				
A-D	28	7			28				
AB-CD	140	35	797	0.175	139	0.2	0.3	5.473	A
AB-C	259	65			259				
D-AB	162	40	600	0.270	161	0.3	0.4	8.200	A
D-C	93	23	380	0.246	93	0.2	0.3	12.543	B
C-D	99	25			99				
C-A	301	75			301				
C-B	30	7			30				
CD-AB	202	51	841	0.241	202	0.3	0.5	5.639	A
CD-A	290	72			290				

15:15 - 15:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	140	35	555	0.252	139	0.2	0.3	8.663	A
A-B	18	4			18				
A-C	327	82			327				
A-D	34	9			34				
AB-CD	194	49	824	0.236	194	0.3	0.5	5.713	A
AB-C	294	74			294				
D-AB	198	50	551	0.360	197	0.4	0.6	10.162	B
D-C	115	29	334	0.343	114	0.3	0.5	16.306	C
C-D	121	30			121				
C-A	369	92			369				
C-B	36	9			36				
CD-AB	287	72	886	0.324	286	0.5	0.8	6.015	A
CD-A	316	79			316				

15:30 - 15:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	140	35	555	0.252	140	0.3	0.3	8.679	A
A-B	18	4			18				
A-C	327	82			327				
A-D	34	9			34				
AB-CD	195	49	824	0.236	195	0.5	0.5	5.734	A
AB-C	294	74			294				
D-AB	198	50	550	0.360	198	0.6	0.6	10.227	B
D-C	115	29	333	0.344	114	0.5	0.5	16.442	C
C-D	121	30			121				
C-A	369	92			369				
C-B	36	9			36				
CD-AB	288	72	886	0.325	288	0.8	0.8	6.038	A
CD-A	316	79			316				

15:45 - 16:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	114	29	577	0.198	115	0.3	0.2	7.797	A
A-B	14	4			14				
A-C	267	67			267				
A-D	28	7			28				
AB-CD	140	35	797	0.176	141	0.5	0.3	5.505	A
AB-C	259	65			259				
D-AB	162	40	599	0.270	163	0.6	0.4	8.260	A
D-C	93	23	379	0.247	94	0.5	0.3	12.662	B
C-D	99	25			99				
C-A	301	75			301				
C-B	30	7			30				
CD-AB	204	51	842	0.242	205	0.8	0.5	5.672	A
CD-A	290	72			290				

16:00 - 16:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	96	24	592	0.161	96	0.2	0.2	7.255	A
A-B	12	3			12				
A-C	224	56			224				
A-D	23	6			23				
AB-CD	107	27	779	0.138	108	0.3	0.2	5.376	A
AB-C	227	57			227				
D-AB	136	34	629	0.215	136	0.4	0.3	7.303	A
D-C	78	20	410	0.191	79	0.3	0.2	10.867	B
C-D	83	21			83				
C-A	252	63			252				
C-B	25	6			25				
CD-AB	154	38	811	0.190	154	0.5	0.4	5.498	A
CD-A	259	65			259				

2028 Base + Committed Dev, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		2.56	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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
D5	2028 Base + Committed Dev	AM	ONE HOUR	07:45	09:15	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 - A6133 Park Rd (WB)		ONE HOUR	✓	413	100.000
B - Warren Quarry Ln		ONE HOUR	✓	166	100.000
C - A6133 Park Rd (EB)		ONE HOUR	✓	478	100.000
D - Duke St		ONE HOUR	✓	143	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
From		A - A6133 Park Rd (WB)	B - Warren Quarry Ln	C - A6133 Park Rd (EB)	D - Duke St
	A - A6133 Park Rd (WB)	0	7	345	61
	B - Warren Quarry Ln	9	0	70	87
	C - A6133 Park Rd (EB)	349	17	0	112
	D - Duke St	36	33	74	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
From		A - A6133 Park Rd (WB)	B - Warren Quarry Ln	C - A6133 Park Rd (EB)	D - Duke St
	A - A6133 Park Rd (WB)	0	0	9	2
	B - Warren Quarry Ln	0	0	3	3
	C - A6133 Park Rd (EB)	3	0	0	3
	D - Duke St	0	3	7	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-ACD	0.33	9.87	0.5	A	152	228
A-B					6	10
A-C					317	475
A-D					56	84
AB-CD	0.40	6.90	1.1	A	256	384
AB-C					260	391
D-AB	0.14	7.47	0.2	A	63	95
D-C	0.26	15.20	0.3	C	68	102
C-D					103	154
C-A					320	480
C-B					16	23
CD-AB	0.13	4.95	0.3	A	83	124
CD-A					316	475

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	125	31	588	0.213	124	0.0	0.3	7.745	A
A-B	5	1			5				
A-C	260	65			260				
A-D	46	11			46				
AB-CD	181	45	807	0.224	179	0.0	0.4	5.726	A
AB-C	242	61			242				
D-AB	52	13	620	0.084	52	0.0	0.1	6.330	A
D-C	56	14	396	0.141	55	0.0	0.2	10.551	B
C-D	84	21			84				
C-A	263	66			263				
C-B	13	3			13				
CD-AB	59	15	788	0.075	59	0.0	0.1	4.939	A
CD-A	268	67			268				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	149	37	571	0.261	149	0.3	0.3	8.524	A
A-B	6	2			6				
A-C	310	78			310				
A-D	55	14			55				
AB-CD	241	60	832	0.290	240	0.4	0.6	6.081	A
AB-C	265	66			265				
D-AB	62	16	596	0.104	62	0.1	0.1	6.745	A
D-C	67	17	363	0.183	66	0.2	0.2	12.116	B
C-D	101	25			101				
C-A	314	78			314				
C-B	15	4			15				
CD-AB	78	20	812	0.096	78	0.1	0.2	4.904	A
CD-A	313	78			313				

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	183	46	547	0.334	182	0.3	0.5	9.840	A
A-B	8	2			8				
A-C	380	95			380				
A-D	67	17			67				
AB-CD	344	86	869	0.396	342	0.6	1.1	6.836	A
AB-C	275	69			275				
D-AB	76	19	558	0.136	76	0.1	0.2	7.458	A
D-C	81	20	319	0.256	81	0.2	0.3	15.118	C
C-D	123	31			123				
C-A	384	96			384				
C-B	19	5			19				
CD-AB	110	28	848	0.130	110	0.2	0.3	4.879	A
CD-A	369	92			369				

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	183	46	547	0.334	183	0.5	0.5	9.871	A
A-B	8	2			8				
A-C	380	95			380				
A-D	67	17			67				
AB-CD	345	86	870	0.397	345	1.1	1.1	6.903	A
AB-C	275	69			275				
D-AB	76	19	558	0.136	76	0.2	0.2	7.470	A
D-C	81	20	318	0.256	81	0.3	0.3	15.205	C
C-D	123	31			123				
C-A	384	96			384				
C-B	19	5			19				
CD-AB	110	28	848	0.130	110	0.3	0.3	4.884	A
CD-A	369	92			369				

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	149	37	571	0.261	150	0.5	0.4	8.563	A
A-B	6	2			6				
A-C	310	78			310				
A-D	55	14			55				
AB-CD	243	61	833	0.291	244	1.1	0.7	6.169	A
AB-C	264	66			264				
D-AB	62	16	595	0.104	62	0.2	0.1	6.757	A
D-C	67	17	362	0.184	67	0.3	0.2	12.203	B
C-D	101	25			101				
C-A	314	78			314				
C-B	15	4			15				
CD-AB	79	20	813	0.097	79	0.3	0.2	4.916	A
CD-A	313	78			313				

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	125	31	588	0.213	125	0.4	0.3	7.792	A
A-B	5	1			5				
A-C	260	65			260				
A-D	46	11			46				
AB-CD	183	46	808	0.226	183	0.7	0.4	5.794	A
AB-C	242	60			242				
D-AB	52	13	619	0.084	52	0.1	0.1	6.351	A
D-C	56	14	395	0.141	56	0.2	0.2	10.634	B
C-D	84	21			84				
C-A	263	66			263				
C-B	13	3			13				
CD-AB	60	15	788	0.076	60	0.2	0.1	4.953	A
CD-A	268	67			268				

2028 Base + Committed Dev, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		3.08	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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
D6	2028 Base + Committed Dev	PM	ONE HOUR	14:45	16:15	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 - A6133 Park Rd (WB)		ONE HOUR	✓	378	100.000
B - Warren Quarry Ln		ONE HOUR	✓	127	100.000
C - A6133 Park Rd (EB)		ONE HOUR	✓	508	100.000
D - Duke St		ONE HOUR	✓	284	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A - A6133 Park Rd (WB)	B - Warren Quarry Ln	C - A6133 Park Rd (EB)	D - Duke St
From A - A6133 Park Rd (WB)	0	16	331	31
From B - Warren Quarry Ln	11	0	53	63
From C - A6133 Park Rd (EB)	365	33	0	110
From D - Duke St	90	90	104	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A - A6133 Park Rd (WB)	B - Warren Quarry Ln	C - A6133 Park Rd (EB)	D - Duke St
From A - A6133 Park Rd (WB)	0	0	6	3
From B - Warren Quarry Ln	0	0	4	2
From C - A6133 Park Rd (EB)	4	9	0	3
From D - Duke St	0	2	4	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-ACD	0.26	8.91	0.3	A	117	175
A-B					15	22
A-C					304	456
A-D					28	43
AB-CD	0.25	5.69	0.6	A	156	233
AB-C					283	424
D-AB	0.37	10.62	0.6	B	165	248
D-C	0.36	17.59	0.6	C	95	143
C-D					101	151
C-A					335	502
C-B					30	45
CD-AB	0.34	6.07	0.9	A	226	339
CD-A					305	457

Main Results for each time segment

14:45 - 15:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	96	24	585	0.163	95	0.0	0.2	7.343	A
A-B	12	3			12				
A-C	249	62			249				
A-D	23	6			23				
AB-CD	111	28	790	0.140	110	0.0	0.3	5.291	A
AB-C	248	62			248				
D-AB	136	34	623	0.217	134	0.0	0.3	7.345	A
D-C	78	20	402	0.195	77	0.0	0.2	11.074	B
C-D	83	21			83				
C-A	275	69			275				
C-B	25	6			25				
CD-AB	158	40	819	0.193	157	0.0	0.4	5.429	A
CD-A	276	69			276				

15:00 - 15:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	114	29	568	0.201	114	0.2	0.2	7.924	A
A-B	14	4			14				
A-C	298	74			298				
A-D	28	7			28				
AB-CD	147	37	811	0.181	147	0.3	0.4	5.414	A
AB-C	282	71			282				
D-AB	162	40	591	0.274	161	0.3	0.4	8.369	A
D-C	93	23	368	0.254	93	0.2	0.3	13.063	B
C-D	99	25			99				
C-A	328	82			328				
C-B	30	7			30				
CD-AB	212	53	853	0.249	212	0.4	0.5	5.619	A
CD-A	307	77			307				

15:15 - 15:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	140	35	544	0.257	139	0.2	0.3	8.896	A
A-B	18	4			18				
A-C	364	91			364				
A-D	34	9			34				
AB-CD	208	52	843	0.247	207	0.4	0.6	5.666	A
AB-C	318	80			318				
D-AB	198	50	538	0.368	197	0.4	0.6	10.539	B
D-C	115	29	320	0.358	114	0.3	0.5	17.420	C
C-D	121	30			121				
C-A	402	100			402				
C-B	36	9			36				
CD-AB	304	76	901	0.338	303	0.5	0.9	6.035	A
CD-A	331	83			331				

15:30 - 15:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	140	35	544	0.257	140	0.3	0.3	8.914	A
A-B	18	4			18				
A-C	364	91			364				
A-D	34	9			34				
AB-CD	208	52	843	0.247	208	0.6	0.6	5.687	A
AB-C	318	80			318				
D-AB	198	50	537	0.369	198	0.6	0.6	10.620	B
D-C	115	29	319	0.359	114	0.5	0.6	17.590	C
C-D	121	30			121				
C-A	402	100			402				
C-B	36	9			36				
CD-AB	306	76	902	0.339	306	0.9	0.9	6.067	A
CD-A	331	83			331				

15:45 - 16:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	114	29	568	0.201	115	0.3	0.3	7.949	A
A-B	14	4			14				
A-C	298	74			298				
A-D	28	7			28				
AB-CD	148	37	812	0.182	149	0.6	0.4	5.450	A
AB-C	282	71			282				
D-AB	162	40	590	0.274	163	0.6	0.4	8.439	A
D-C	93	23	368	0.254	94	0.6	0.3	13.203	B
C-D	99	25			99				
C-A	328	82			328				
C-B	30	7			30				
CD-AB	214	53	854	0.250	215	0.9	0.6	5.655	A
CD-A	307	77			307				

16:00 - 16:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	96	24	585	0.163	96	0.3	0.2	7.363	A
A-B	12	3			12				
A-C	249	62			249				
A-D	23	6			23				
AB-CD	112	28	791	0.142	112	0.4	0.3	5.324	A
AB-C	248	62			248				
D-AB	136	34	622	0.218	136	0.4	0.3	7.409	A
D-C	78	20	401	0.195	79	0.3	0.2	11.190	B
C-D	83	21			83				
C-A	275	69			275				
C-B	25	6			25				
CD-AB	160	40	820	0.195	160	0.6	0.4	5.467	A
CD-A	276	69			276				

2028 Base + Committed Dev + Dev, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		2.78	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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
D7	2028 Base + Committed Dev + Dev	AM	ONE HOUR	07:45	09:15	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 - A6133 Park Rd (WB)		ONE HOUR	✓	494	100.000
B - Warren Quarry Ln		ONE HOUR	✓	184	100.000
C - A6133 Park Rd (EB)		ONE HOUR	✓	561	100.000
D - Duke St		ONE HOUR	✓	152	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A - A6133 Park Rd (WB)	B - Warren Quarry Ln	C - A6133 Park Rd (EB)	D - Duke St
From A - A6133 Park Rd (WB)	0	7	426	61
From B - Warren Quarry Ln	9	0	88	87
From C - A6133 Park Rd (EB)	416	33	0	112
From D - Duke St	36	33	83	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A - A6133 Park Rd (WB)	B - Warren Quarry Ln	C - A6133 Park Rd (EB)	D - Duke St
From A - A6133 Park Rd (WB)	0	0	7	2
From B - Warren Quarry Ln	0	0	2	3
From C - A6133 Park Rd (EB)	2	0	0	3
From D - Duke St	0	3	6	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-ACD	0.38	11.06	0.6	B	169	253
A-B					6	10
A-C					391	586
A-D					56	84
AB-CD	0.45	7.10	1.4	A	302	453
AB-C					306	458
D-AB	0.15	8.17	0.2	A	63	95
D-C	0.32	18.58	0.5	C	76	114
C-D					103	154
C-A					382	573
C-B					30	45
CD-AB	0.19	5.01	0.4	A	122	183
CD-A					353	530

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	139	35	576	0.241	137	0.0	0.3	8.184	A
A-B	5	1			5				
A-C	321	80			321				
A-D	46	11			46				
AB-CD	204	51	845	0.242	202	0.0	0.5	5.597	A
AB-C	293	73			293				
D-AB	52	13	597	0.087	52	0.0	0.1	6.600	A
D-C	62	16	376	0.166	62	0.0	0.2	11.424	B
C-D	84	21			84				
C-A	313	78			313				
C-B	25	6			25				
CD-AB	85	21	812	0.105	84	0.0	0.2	4.943	A
CD-A	304	76			304				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	165	41	556	0.298	165	0.3	0.4	9.197	A
A-B	6	2			6				
A-C	383	96			383				
A-D	55	14			55				
AB-CD	281	70	880	0.319	279	0.5	0.8	6.003	A
AB-C	314	79			314				
D-AB	62	16	567	0.109	62	0.1	0.1	7.129	A
D-C	75	19	338	0.221	74	0.2	0.3	13.634	B
C-D	101	25			101				
C-A	374	93			374				
C-B	30	7			30				
CD-AB	115	29	843	0.136	114	0.2	0.3	4.946	A
CD-A	351	88			351				

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	203	51	528	0.384	202	0.4	0.6	11.009	B
A-B	8	2			8				
A-C	469	117			469				
A-D	67	17			67				
AB-CD	417	104	930	0.449	415	0.8	1.4	7.006	A
AB-C	311	78			311				
D-AB	76	19	518	0.147	76	0.1	0.2	8.146	A
D-C	91	23	286	0.320	91	0.3	0.5	18.384	C
C-D	123	31			123				
C-A	458	115			458				
C-B	36	9			36				
CD-AB	166	41	887	0.187	165	0.3	0.4	4.996	A
CD-A	404	101			404				

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	203	51	528	0.384	203	0.6	0.6	11.059	B
A-B	8	2			8				
A-C	469	117			469				
A-D	67	17			67				
AB-CD	419	105	931	0.450	419	1.4	1.4	7.096	A
AB-C	310	77			310				
D-AB	76	19	516	0.147	76	0.2	0.2	8.172	A
D-C	91	23	285	0.321	91	0.5	0.5	18.576	C
C-D	123	31			123				
C-A	458	115			458				
C-B	36	9			36				
CD-AB	166	42	887	0.187	166	0.4	0.4	5.008	A
CD-A	404	101			404				

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	165	41	556	0.298	166	0.6	0.4	9.255	A
A-B	6	2			6				
A-C	383	96			383				
A-D	55	14			55				
AB-CD	283	71	881	0.321	285	1.4	0.8	6.105	A
AB-C	313	78			313				
D-AB	62	16	566	0.110	62	0.2	0.1	7.156	A
D-C	75	19	337	0.221	75	0.5	0.3	13.792	B
C-D	101	25			101				
C-A	374	93			374				
C-B	30	7			30				
CD-AB	115	29	843	0.137	116	0.4	0.3	4.962	A
CD-A	351	88			351				

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	139	35	576	0.241	139	0.4	0.3	8.248	A
A-B	5	1			5				
A-C	321	80			321				
A-D	46	11			46				
AB-CD	207	52	847	0.244	208	0.8	0.5	5.671	A
AB-C	292	73			292				
D-AB	52	13	596	0.087	52	0.1	0.1	6.623	A
D-C	62	16	375	0.167	63	0.3	0.2	11.545	B
C-D	84	21			84				
C-A	313	78			313				
C-B	25	6			25				
CD-AB	86	21	813	0.106	86	0.3	0.2	4.963	A
CD-A	304	76			304				

2028 Base + Committed Dev + Dev, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		3.32	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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
D8	2028 Base + Committed Dev + Dev	PM	ONE HOUR	14:45	16:15	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 - A6133 Park Rd (WB)		ONE HOUR	✓	445	100.000
B - Warren Quarry Ln		ONE HOUR	✓	143	100.000
C - A6133 Park Rd (EB)		ONE HOUR	✓	616	100.000
D - Duke St		ONE HOUR	✓	284	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A - A6133 Park Rd (WB)	B - Warren Quarry Ln	C - A6133 Park Rd (EB)	D - Duke St
From A - A6133 Park Rd (WB)	0	16	398	31
From B - Warren Quarry Ln	11	0	69	63
From C - A6133 Park Rd (EB)	446	51	0	119
From D - Duke St	90	90	104	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A - A6133 Park Rd (WB)	B - Warren Quarry Ln	C - A6133 Park Rd (EB)	D - Duke St
From A - A6133 Park Rd (WB)	0	0	5	0
From B - Warren Quarry Ln	0	0	3	2
From C - A6133 Park Rd (EB)	3	6	0	3
From D - Duke St	0	2	4	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-ACD	0.30	9.76	0.4	A	131	197
A-B					15	22
A-C					365	548
A-D					28	43
AB-CD	0.28	5.62	0.7	A	179	269
AB-C					335	503
D-AB	0.40	12.17	0.7	B	165	248
D-C	0.41	21.98	0.7	C	95	143
C-D					109	164
C-A					409	614
C-B					47	70
CD-AB	0.43	6.65	1.3	A	295	443
CD-A					326	489

Main Results for each time segment

14:45 - 15:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	108	27	575	0.187	107	0.0	0.2	7.667	A
A-B	12	3			12				
A-C	300	75			300				
A-D	23	6			23				
AB-CD	123	31	820	0.150	122	0.0	0.3	5.153	A
AB-C	298	75			298				
D-AB	136	34	601	0.225	134	0.0	0.3	7.696	A
D-C	78	20	375	0.209	77	0.0	0.3	12.067	B
C-D	90	22			90				
C-A	336	84			336				
C-B	38	10			38				
CD-AB	200	50	853	0.234	198	0.0	0.5	5.491	A
CD-A	308	77			308				

15:00 - 15:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	129	32	555	0.231	128	0.2	0.3	8.424	A
A-B	14	4			14				
A-C	358	89			358				
A-D	28	7			28				
AB-CD	167	42	848	0.197	167	0.3	0.4	5.287	A
AB-C	337	84			337				
D-AB	162	40	562	0.288	161	0.3	0.4	8.969	A
D-C	93	23	336	0.278	93	0.3	0.4	14.799	B
C-D	107	27			107				
C-A	401	100			401				
C-B	46	11			46				
CD-AB	275	69	895	0.307	274	0.5	0.7	5.814	A
CD-A	333	83			333				

15:15 - 15:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	157	39	527	0.299	157	0.3	0.4	9.726	A
A-B	18	4			18				
A-C	438	110			438				
A-D	34	9			34				
AB-CD	246	61	889	0.276	244	0.4	0.7	5.592	A
AB-C	372	93			372				
D-AB	198	50	496	0.400	197	0.4	0.7	12.023	B
D-C	115	29	279	0.411	113	0.4	0.7	21.614	C
C-D	131	33			131				
C-A	491	123			491				
C-B	56	14			56				
CD-AB	407	102	953	0.427	405	0.7	1.3	6.592	A
CD-A	337	84			337				

15:30 - 15:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	157	39	526	0.299	157	0.4	0.4	9.755	A
A-B	18	4			18				
A-C	438	110			438				
A-D	34	9			34				
AB-CD	246	62	889	0.277	246	0.7	0.7	5.619	A
AB-C	371	93			371				
D-AB	198	50	494	0.401	198	0.7	0.7	12.175	B
D-C	115	29	278	0.412	114	0.7	0.7	21.984	C
C-D	131	33			131				
C-A	491	123			491				
C-B	56	14			56				
CD-AB	410	102	955	0.429	409	1.3	1.3	6.654	A
CD-A	336	84			336				

15:45 - 16:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	129	32	555	0.232	129	0.4	0.3	8.457	A
A-B	14	4			14				
A-C	358	89			358				
A-D	28	7			28				
AB-CD	168	42	849	0.198	169	0.7	0.4	5.331	A
AB-C	336	84			336				
D-AB	162	40	561	0.289	163	0.7	0.4	9.073	A
D-C	93	23	335	0.279	95	0.7	0.4	15.045	C
C-D	107	27			107				
C-A	401	100			401				
C-B	46	11			46				
CD-AB	277	69	897	0.309	280	1.3	0.8	5.877	A
CD-A	332	83			332				

16:00 - 16:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-ACD	108	27	575	0.187	108	0.3	0.2	7.708	A
A-B	12	3			12				
A-C	300	75			300				
A-D	23	6			23				
AB-CD	124	31	821	0.151	125	0.4	0.3	5.192	A
AB-C	298	75			298				
D-AB	136	34	600	0.226	136	0.4	0.3	7.770	A
D-C	78	20	374	0.209	79	0.4	0.3	12.223	B
C-D	90	22			90				
C-A	336	84			336				
C-B	38	10			38				
CD-AB	202	51	855	0.237	203	0.8	0.5	5.546	A
CD-A	308	77			308				

Appendix 15

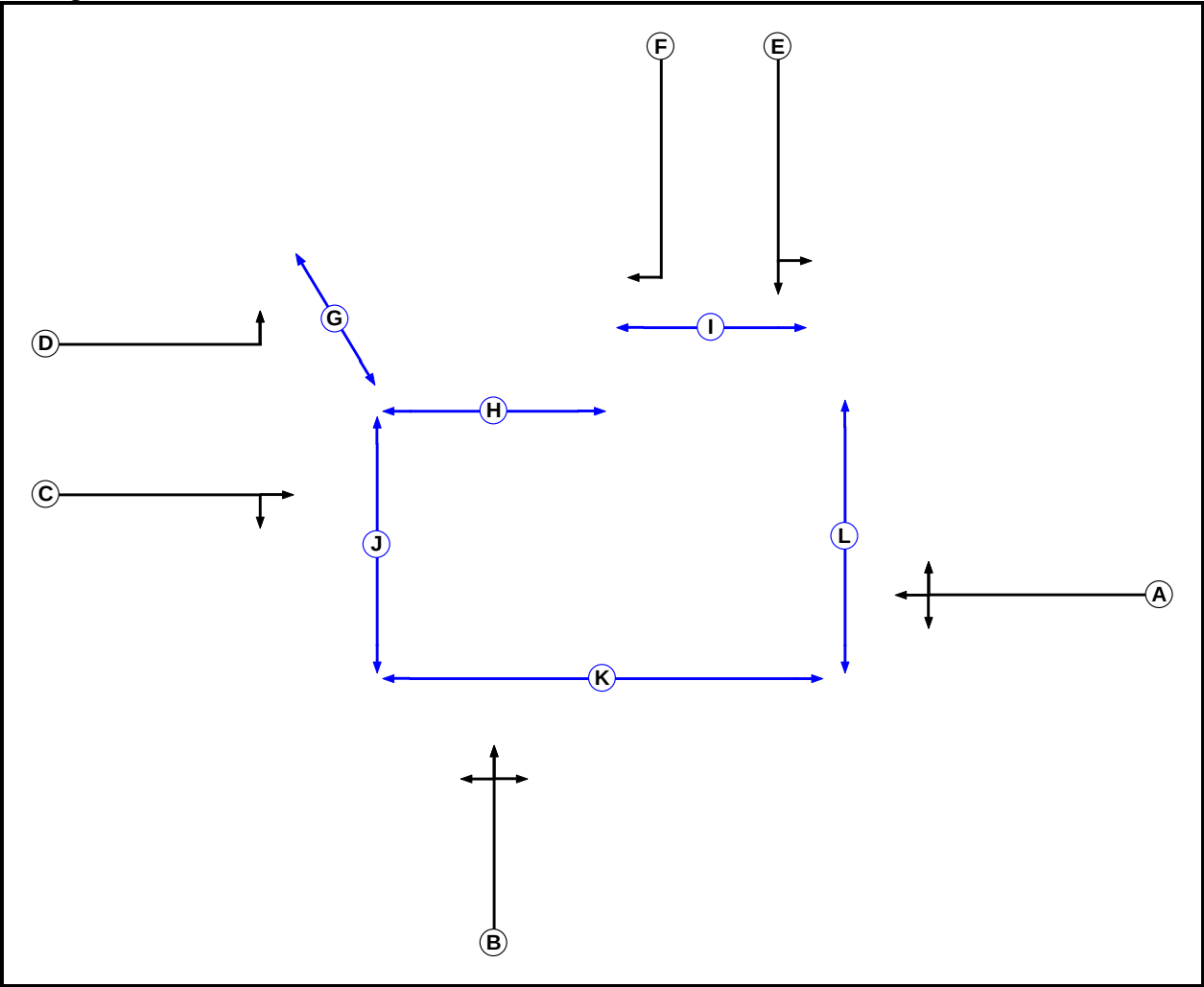
MTP Results Summary

MTP Results Summary

User and Project Details

Project:	
Title:	
Location:	
File name:	2021-11 A6133-A61 21-155.lsg3x
Author:	
Company:	
Address:	
Notes:	

Phase Diagram



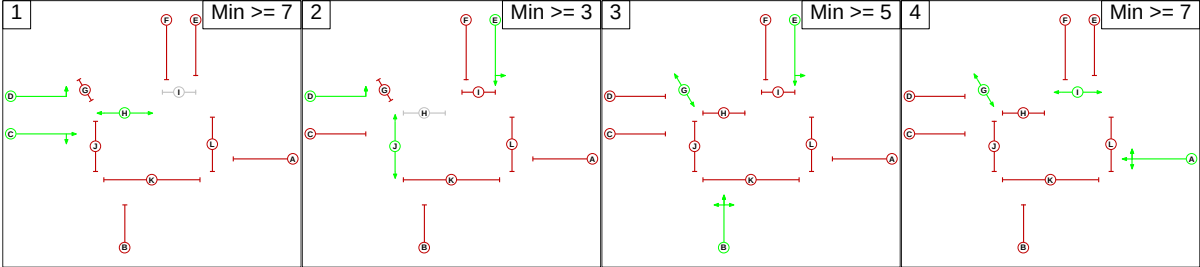
Phase Input Data

Phase Name	Phase Type	Assoc. Phase	Street Min	Cont Min
A	Traffic		7	7
B	Traffic		7	7
C	Traffic		7	7
D	Traffic		7	7
E	Traffic		7	7
F	Traffic		7	7
G	Pedestrian		7	7
H	Pedestrian		7	7
I	Pedestrian		7	7
J	Pedestrian		7	7
K	Pedestrian		7	7
L	Pedestrian		7	7

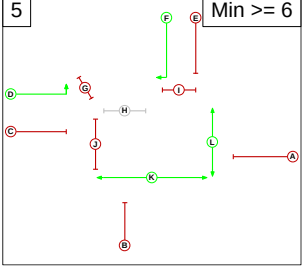
Phase Intergreens Matrix

Terminating Phase	Starting Phase												
		A	B	C	D	E	F	G	H	I	J	K	L
	A		5	5	8	5	5	-	8	-	8	6	5
	B	5		5	7	-	5	-	8	-	7	5	7
	C	5	5		-	5	5	-	-	-	5	8	8
	D	5	5	-		-	-	5	-	-	-	-	-
	E	6	-	5	-		-	-	-	5	-	8	8
	F	5	5	5	-	-		-	-	5	8	-	-
	G	-	-	-	8	-	-		-	-	-	-	-
	H	7	7	-	-	-	-	-		-	-	-	-
	I	-	-	-	-	7	7	-	-		-	-	-
	J	10	10	10	-	-	10	-	-	-		-	-
	K	12	12	12	-	12	-	-	-	-	-		-
	L	8	8	8	-	8	-	-	-	-	-	-	

Stage Diagram



MTP Results Summary

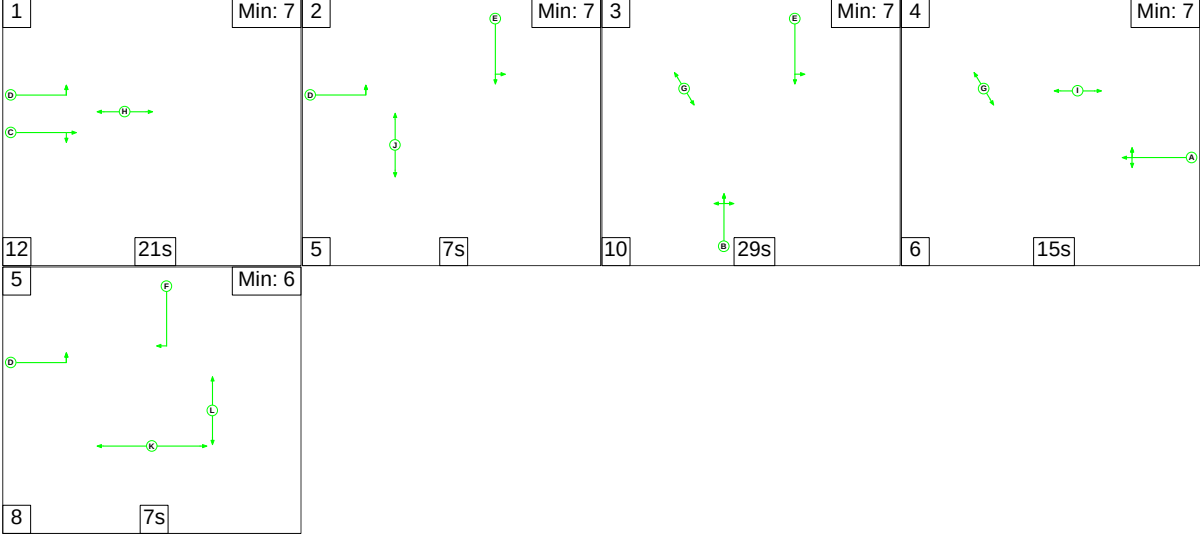


Phase Delays

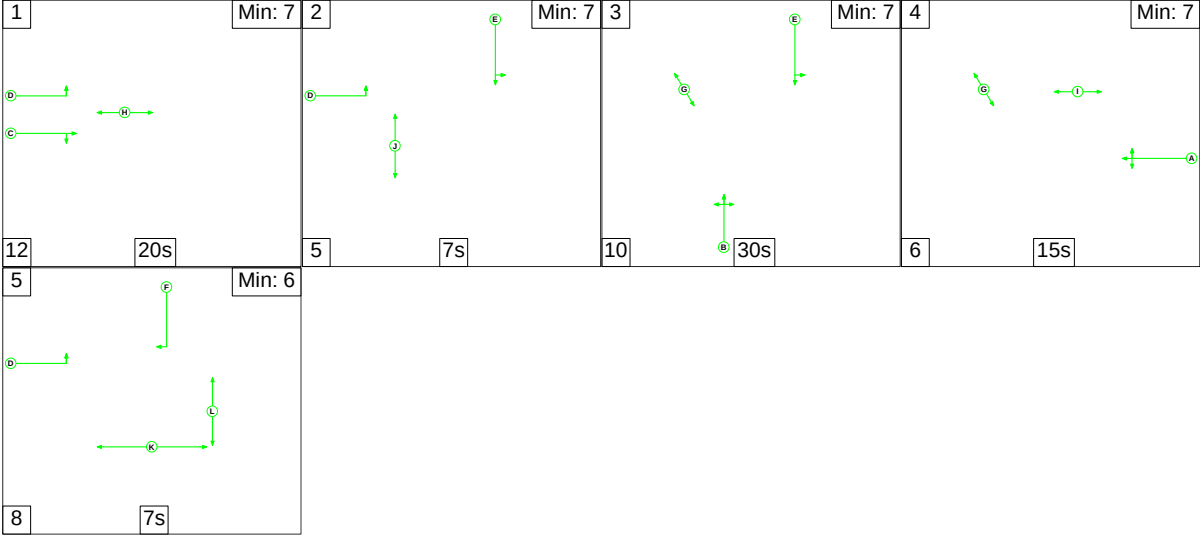
Term.	Stage	Start Stage	Phase	Type	Value	Cont value
There are no Phase Delays defined						

Stage Sequence Diagram

Scenario 1: '2028 Base + Committed Dev AM' (FG1: '2028 Base + Committed Dev AM', Plan 1: 'Network Control Plan 1')

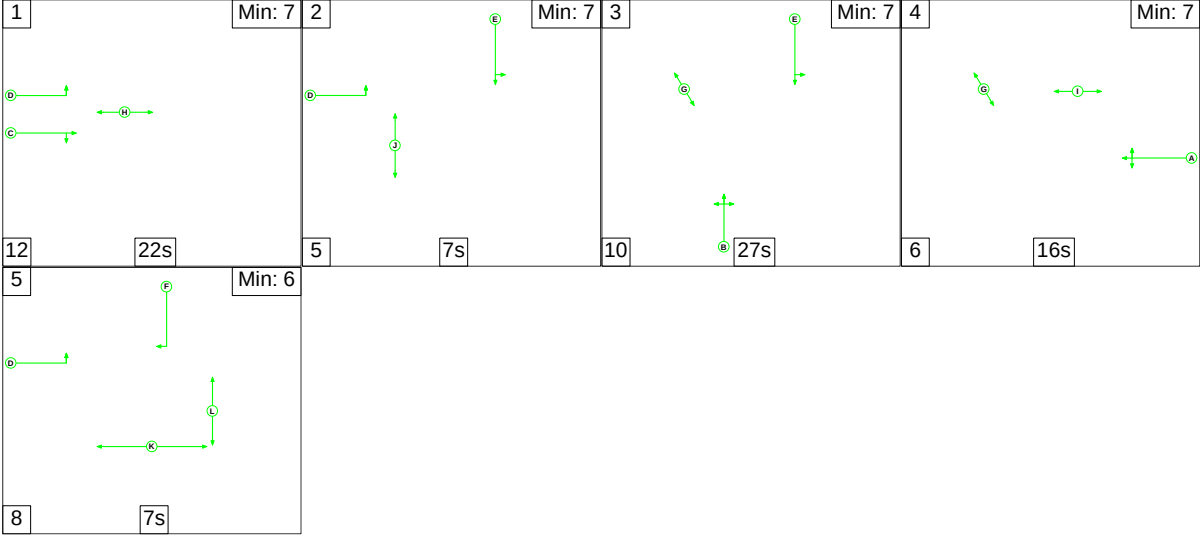


Scenario 2: '2028 Base + Committed Dev PM' (FG2: '2028 Base + Committed Dev PM', Plan 1: 'Network Control Plan 1')

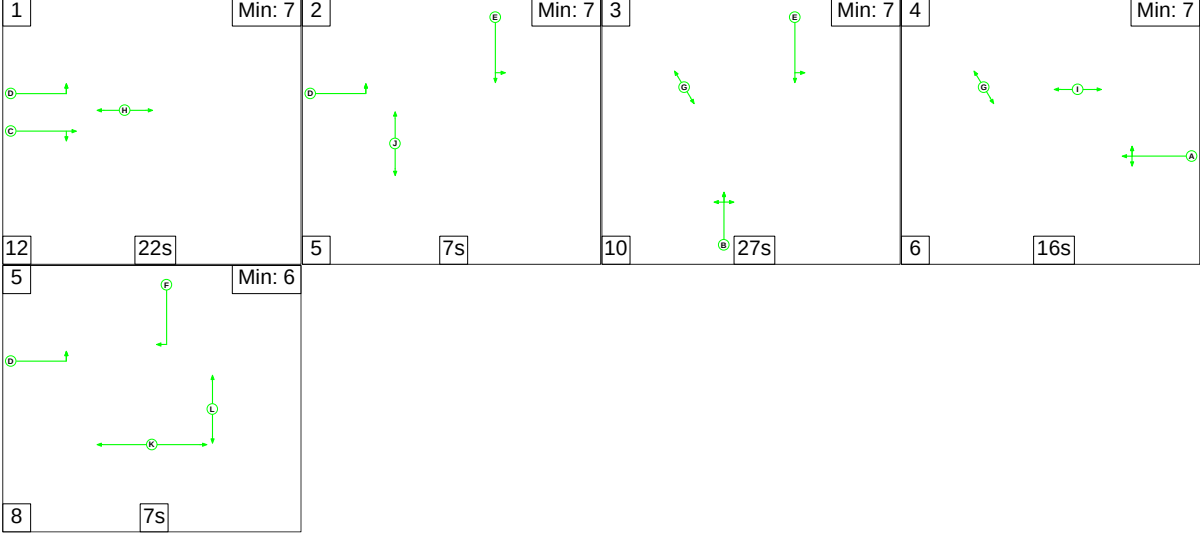


MTP Results Summary

Scenario 3: '2028 Base + Dev AM' (FG3: '2028 Base + Dev AM', Plan 1: 'Network Control Plan 1')

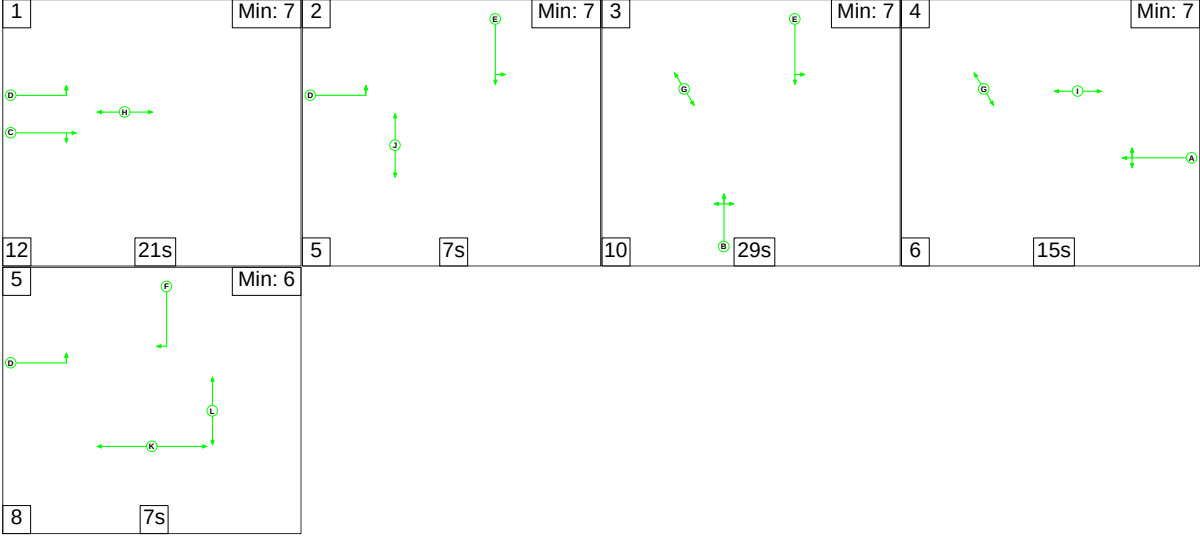


Scenario 4: '2028 Base + Dev PM' (FG4: '2028 Base + Dev PM', Plan 1: 'Network Control Plan 1')



Scenario 1: '2028 Base + Committed Dev AM' (FG1: '2028 Base + Committed Dev AM', Plan 1: 'Network Control Plan 1')

Stage Sequence Diagram



Lane Input Data

Junction: A6133 - A61												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.60	0.00	N	Arm 4 Left	5.00
											Arm 6 Ahead	Inf
											Arm 8 Right	17.00
2/1	U		2	3	60.0	Inf	-	-	-	-	-	-
3/1 (A61 (S))	U	B	2	3	60.0	Geom	-	2.80	0.00	Y	Arm 6 Left	20.00
											Arm 8 Ahead	Inf
3/2 (A61 (S))	O	B	2	3	60.0	Geom	-	2.70	0.00	N	Arm 2 Right	11.50
											Arm 8 Ahead	Inf
4/1	U		2	3	60.0	Inf	-	-	-	-	-	-
5/1 (A6133 (W))	U	D	2	3	8.0	Geom	-	3.00	0.00	Y	Arm 8 Left	18.00
5/2 (A6133 (W))	U	C	2	3	60.0	Geom	-	2.70	0.00	Y	Arm 2 Ahead	Inf
5/3 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.10	0.00	N	Arm 4 Right	22.00
6/1	U		2	3	60.0	Inf	-	-	-	-	-	-
7/1 (A61 (N))	U	E	2	3	60.0	Geom	-	3.30	0.00	Y	Arm 2 Left	7.00
											Arm 4 Ahead	Inf
7/2 (A61 (N))	U	F	2	3	60.0	Geom	-	3.30	0.00	N	Arm 6 Right	14.00
8/1	U		2	3	60.0	Inf	-	-	-	-	-	-
8/2	U		2	3	60.0	Inf	-	-	-	-	-	-

Give-Way Lane Input Data

Junction: A6133 - A61											
Lane	Movement	Max Flow when Giving Way (PCU/Hr)	Min Flow when Giving Way (PCU/Hr)	Opposing Lane	Opp. Lane Coeff.	Opp. Mvmnts.	Right Turn Storage (PCU)	Non-Blocking Storage (PCU)	RTF	Right Turn Move up (s)	Max Turns in Intergreen (PCU)
3/2 (A61 (S))	2/1 (Right)	1439	0	7/1	1.09	All	2.00	2.00	0.50	2	2.00

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
1: '2028 Base + Committed Dev AM'	08:00	09:00	01:00	

Traffic Flows, Actual

Actual Flow :

	Destination					
Origin		A	B	C	D	Tot.
	A	0	9	165	29	203
	B	19	0	104	605	728
	C	260	70	0	1	331
	D	19	465	107	0	591
	Tot.	298	544	376	635	1853

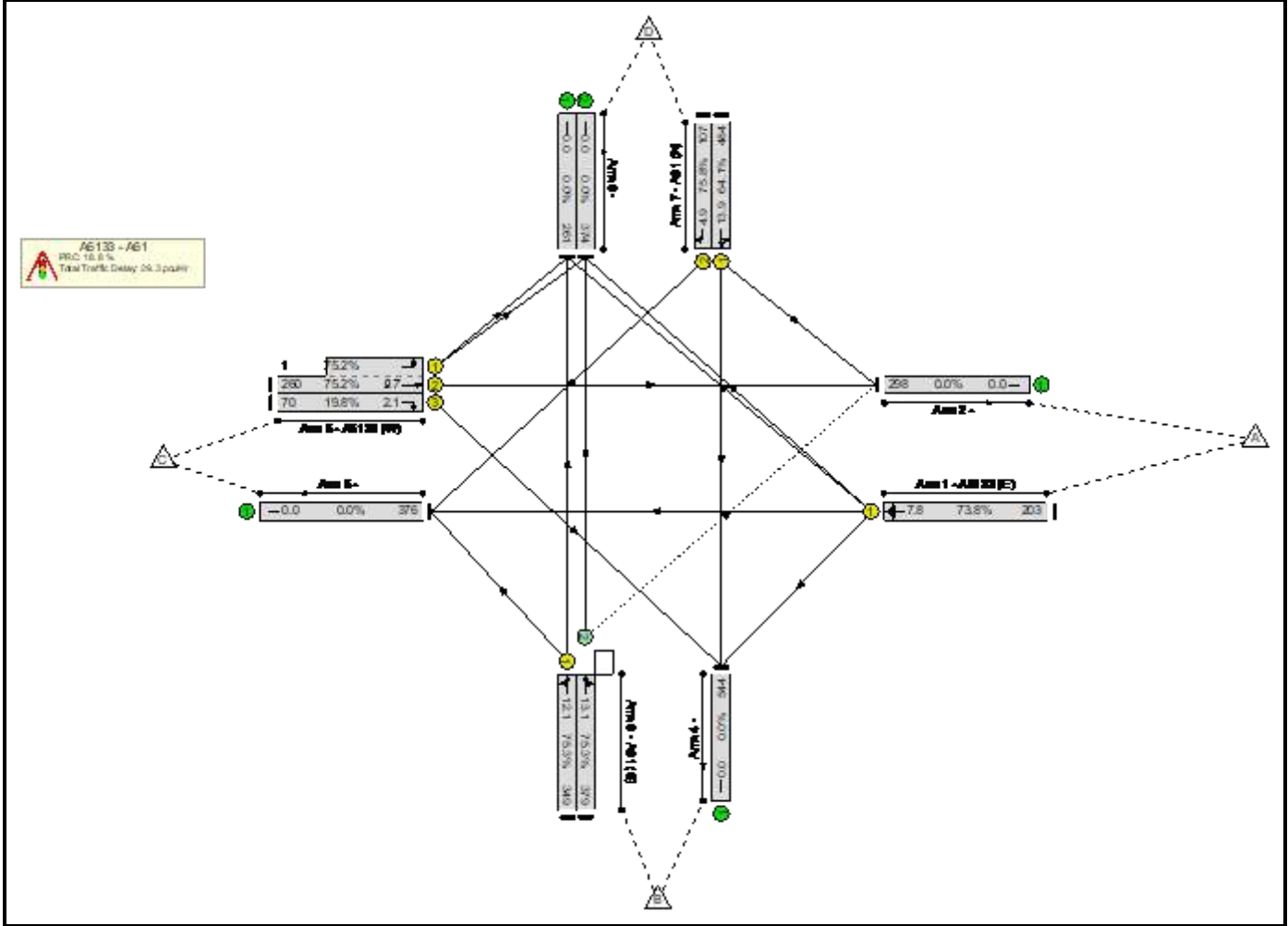
MTP Results Summary

Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Mean Max Queue (pcu)
Network	-	-	-		-	-	-	-	-	-	75.8%	19	0	0	29.3	-
A6133 - A61	-	-	-		-	-	-	-	-	-	75.8%	19	0	0	29.3	-
1/1	A6133 (E) Left Ahead Right	U	A		1	15	-	203	2062	275	73.8%	-	-	-	4.2	7.8
3/1	A61 (S) Left Ahead	U	B		1	29	-	349	1854	464	75.3%	-	-	-	5.5	12.1
3/2	A61 (S) Right Ahead	O	B		1	29	-	379	2012	503	75.3%	19	0	0	5.9	13.1
5/2+5/1	A6133 (W) Ahead Left	U	C D		1	21:52	-	261	1885:1768	346+1	75.2 : 75.2%	-	-	-	4.8	9.7
5/3	A6133 (W) Right	U	C		1	21	-	70	1933	354	19.8%	-	-	-	0.9	2.1
7/1	A61 (N) Left Ahead	U	E		1	46	-	484	1929	756	64.1%	-	-	-	4.9	13.9
7/2	A61 (N) Right	U	F		1	8	-	107	1883	141	75.8%	-	-	-	3.1	4.9
C1							PRC for Signalled Lanes (%): 18.8	Total Delay for Signalled Lanes (pcuHr): 29.26				Cycle Time (s): 120				
							PRC Over All Lanes (%): 18.8	Total Delay Over All Lanes(pcuHr): 29.26								

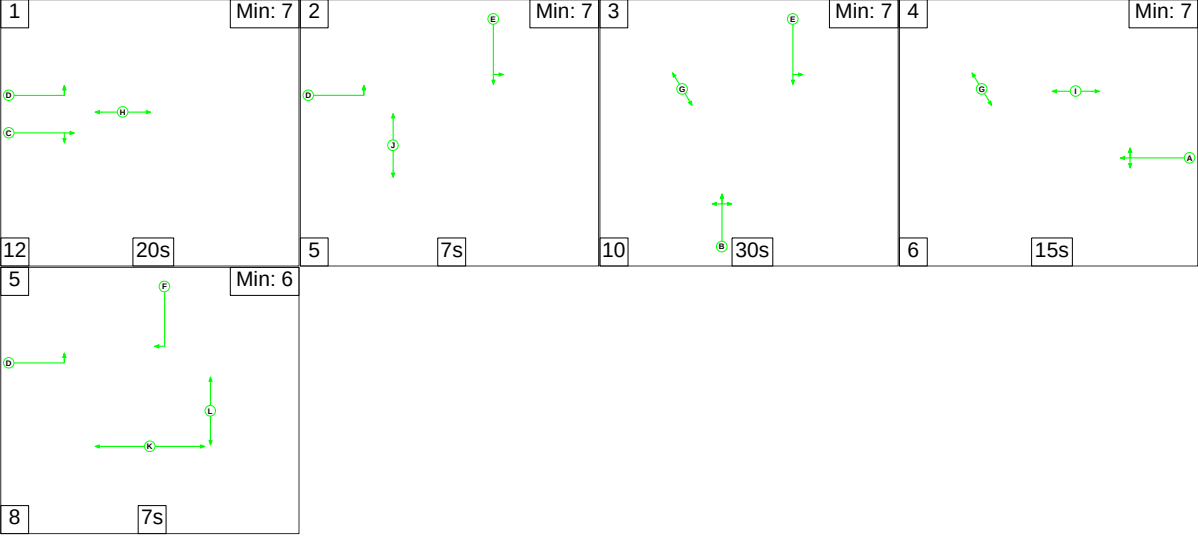
MTP Results Summary

Network Layout Diagram



Scenario 2: '2028 Base + Committed Dev PM' (FG2: '2028 Base + Committed Dev PM', Plan 1: 'Network Control Plan 1')

Stage Sequence Diagram



Lane Input Data

Junction: A6133 - A61												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.60	0.00	N	Arm 4 Left	5.00
											Arm 6 Ahead	Inf
											Arm 8 Right	17.00
2/1	U		2	3	60.0	Inf	-	-	-	-	-	-
3/1 (A61 (S))	U	B	2	3	60.0	Geom	-	2.80	0.00	Y	Arm 6 Left	20.00
											Arm 8 Ahead	Inf
3/2 (A61 (S))	O	B	2	3	60.0	Geom	-	2.70	0.00	N	Arm 2 Right	11.50
											Arm 8 Ahead	Inf
4/1	U		2	3	60.0	Inf	-	-	-	-	-	-
5/1 (A6133 (W))	U	D	2	3	8.0	Geom	-	3.00	0.00	Y	Arm 8 Left	18.00
5/2 (A6133 (W))	U	C	2	3	60.0	Geom	-	2.70	0.00	Y	Arm 2 Ahead	Inf
5/3 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.10	0.00	N	Arm 4 Right	22.00
6/1	U		2	3	60.0	Inf	-	-	-	-	-	-
7/1 (A61 (N))	U	E	2	3	60.0	Geom	-	3.30	0.00	Y	Arm 2 Left	7.00
											Arm 4 Ahead	Inf
7/2 (A61 (N))	U	F	2	3	60.0	Geom	-	3.30	0.00	N	Arm 6 Right	14.00
8/1	U		2	3	60.0	Inf	-	-	-	-	-	-
8/2	U		2	3	60.0	Inf	-	-	-	-	-	-

Give-Way Lane Input Data

Junction: A6133 - A61											
Lane	Movement	Max Flow when Giving Way (PCU/Hr)	Min Flow when Giving Way (PCU/Hr)	Opposing Lane	Opp. Lane Coeff.	Opp. Mvmnts.	Right Turn Storage (PCU)	Non-Blocking Storage (PCU)	RTF	Right Turn Move up (s)	Max Turns in Intergreen (PCU)
3/2 (A61 (S))	2/1 (Right)	1439	0	7/1	1.09	All	2.00	2.00	0.50	2	2.00

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
2: '2028 Base + Committed Dev PM'	15:00	16:00	01:00	

Traffic Flows, Actual

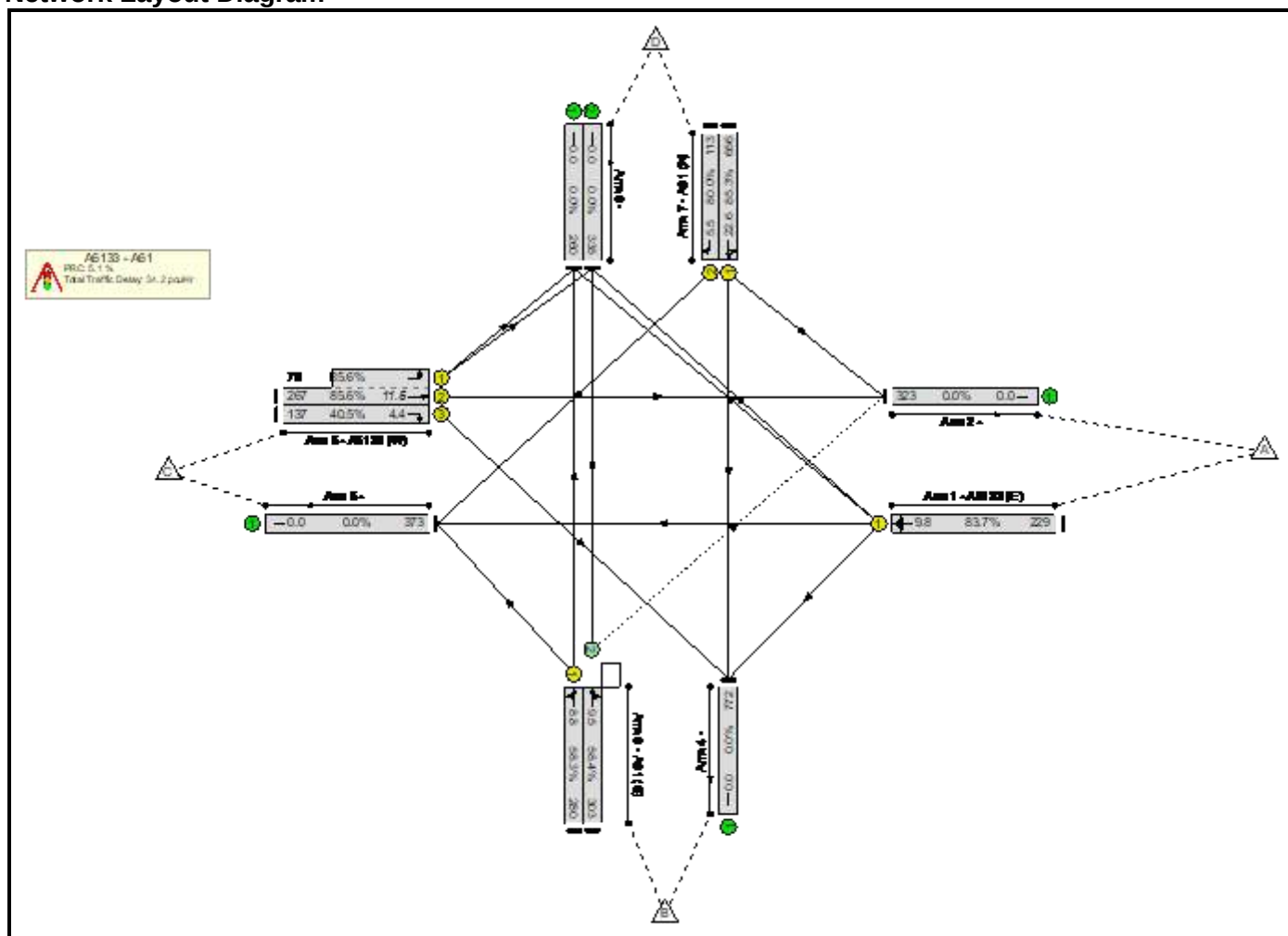
Actual Flow :

	Destination					
Origin		A	B	C	D	Tot.
	A	0	16	189	24	229
	B	19	0	71	493	583
	C	267	137	0	78	482
	D	37	619	113	0	769
	Tot.	323	772	373	595	2063

Network Results

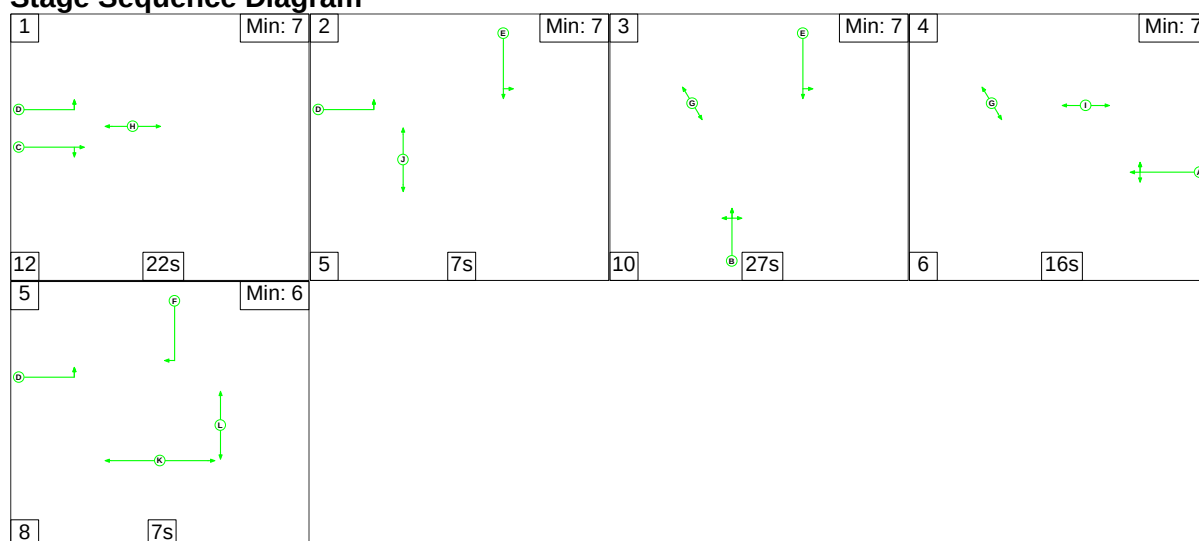
C1	PRC for Signalled Lanes (%):	5.1	Total Delay for Signalled Lanes (pcuHr):	34.24	Cycle Time (s): 120
	PRC Over All Lanes (%):	5.1	Total Delay Over All Lanes(pcuHr):	34.24	

MTP Results Summary
Network Layout Diagram



Scenario 3: '2028 Base + Dev AM' (FG3: '2028 Base + Dev AM', Plan 1: 'Network Control Plan 1')

Stage Sequence Diagram



Lane Input Data

Junction: A6133 - A61												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.60	0.00	N	Arm 4 Left	5.00
											Arm 6 Ahead	Inf
											Arm 8 Right	17.00
2/1	U		2	3	60.0	Inf	-	-	-	-	-	-
3/1 (A61 (S))	U	B	2	3	60.0	Geom	-	2.80	0.00	Y	Arm 6 Left	20.00
											Arm 8 Ahead	Inf
3/2 (A61 (S))	O	B	2	3	60.0	Geom	-	2.70	0.00	N	Arm 2 Right	11.50
											Arm 8 Ahead	Inf
4/1	U		2	3	60.0	Inf	-	-	-	-	-	-
5/1 (A6133 (W))	U	D	2	3	8.0	Geom	-	3.00	0.00	Y	Arm 8 Left	18.00
5/2 (A6133 (W))	U	C	2	3	60.0	Geom	-	2.70	0.00	Y	Arm 2 Ahead	Inf
5/3 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.10	0.00	N	Arm 4 Right	22.00
6/1	U		2	3	60.0	Inf	-	-	-	-	-	-
7/1 (A61 (N))	U	E	2	3	60.0	Geom	-	3.30	0.00	Y	Arm 2 Left	7.00
											Arm 4 Ahead	Inf
7/2 (A61 (N))	U	F	2	3	60.0	Geom	-	3.30	0.00	N	Arm 6 Right	14.00
8/1	U		2	3	60.0	Inf	-	-	-	-	-	-
8/2	U		2	3	60.0	Inf	-	-	-	-	-	-

Give-Way Lane Input Data

Junction: A6133 - A61											
Lane	Movement	Max Flow when Giving Way (PCU/Hr)	Min Flow when Giving Way (PCU/Hr)	Opposing Lane	Opp. Lane Coeff.	Opp. Mvmnts.	Right Turn Storage (PCU)	Non-Blocking Storage (PCU)	RTF	Right Turn Move up (s)	Max Turns in Intergreen (PCU)
3/2 (A61 (S))	2/1 (Right)	1439	0	7/1	1.09	All	2.00	2.00	0.50	2	2.00

MTP Results Summary

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
3: '2028 Base + Dev AM'	08:00	09:00	01:00	

Traffic Flows, Actual

Actual Flow :

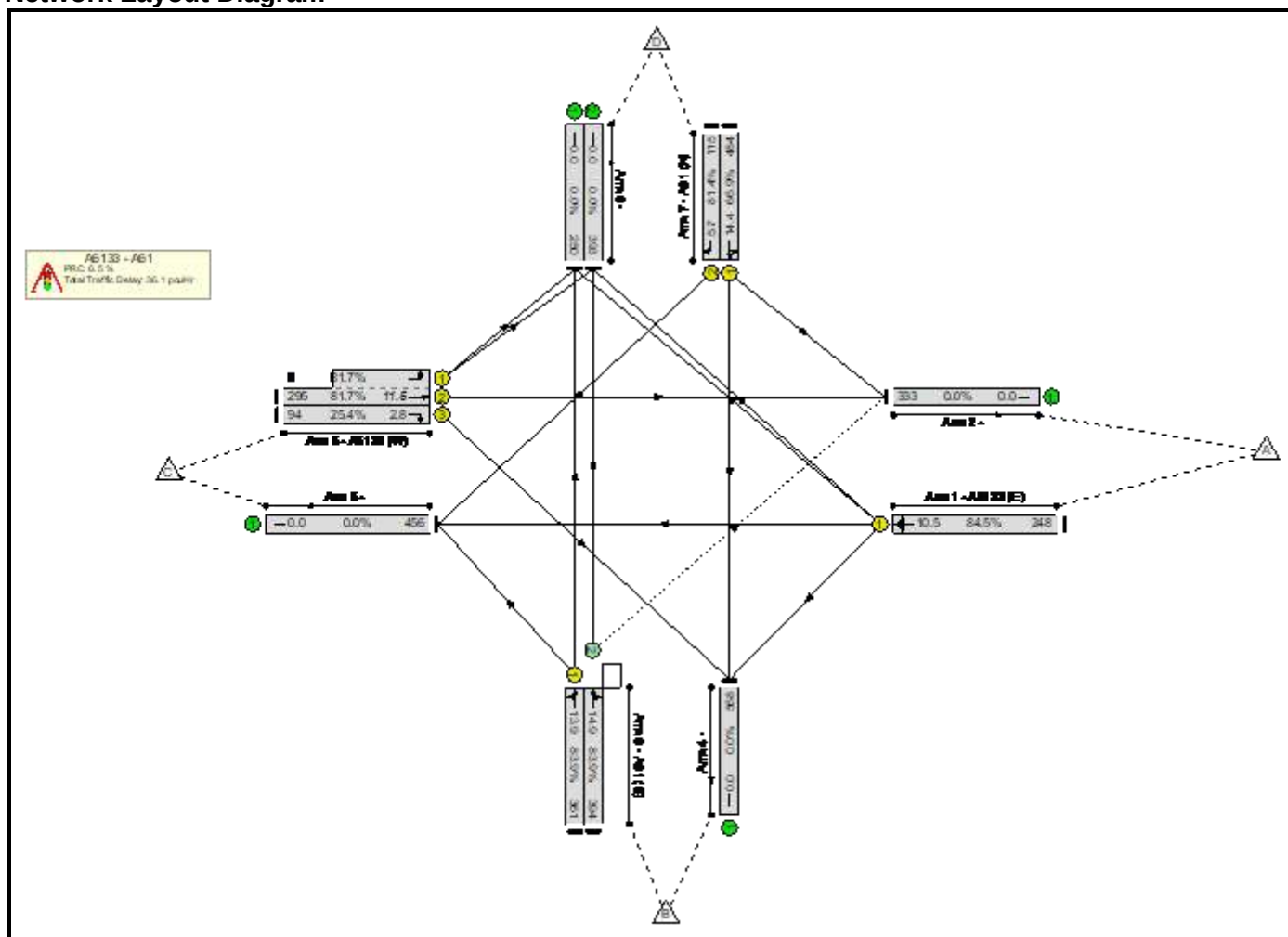
	Destination					
Origin		A	B	C	D	Tot.
	A	0	9	210	29	248
	B	19	0	131	605	755
	C	295	94	0	9	398
	D	19	465	115	0	599
	Tot.	333	568	456	643	2000

MTP Results Summary

Network Results

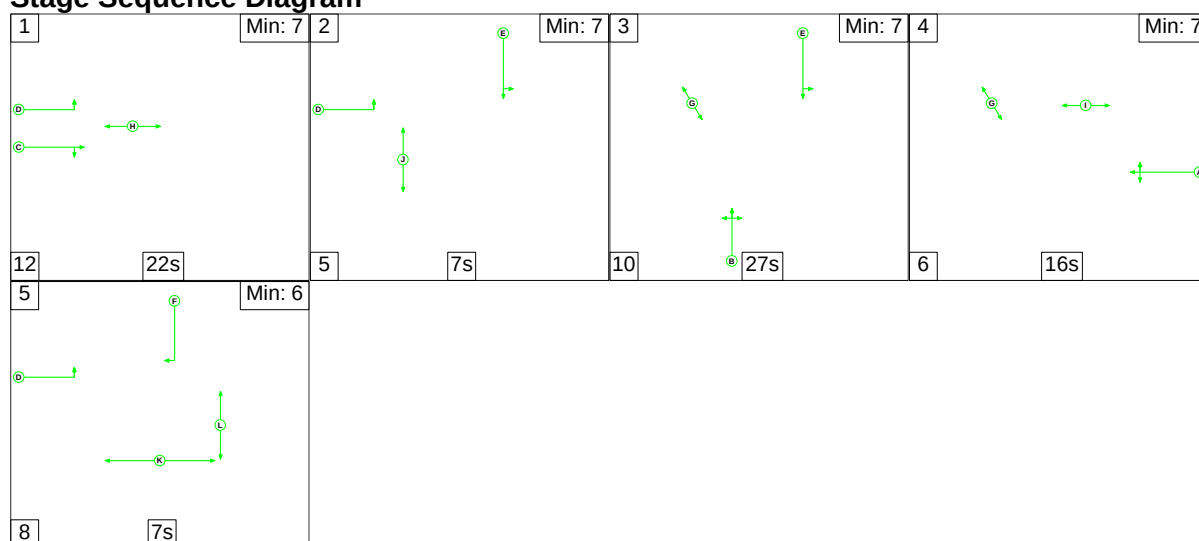
Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Mean Max Queue (pcu)
Network	-	-	-		-	-	-	-	-	-	84.5%	19	0	0	36.1	-
A6133 - A61	-	-	-		-	-	-	-	-	-	84.5%	19	0	0	36.1	-
1/1	A6133 (E) Left Ahead Right	U	A		1	16	-	248	2071	293	84.5%	-	-	-	5.9	10.5
3/1	A61 (S) Left Ahead	U	B		1	27	-	361	1845	430	83.9%	-	-	-	6.8	13.9
3/2	A61 (S) Right Ahead	O	B		1	27	-	394	2012	469	83.9%	19	0	0	7.3	14.9
5/2+5/1	A6133 (W) Ahead Left	U	C D		1	22:53	-	304	1885:1768	361+11	81.7 : 81.7%	-	-	-	6.0	11.5
5/3	A6133 (W) Right	U	C		1	22	-	94	1933	370	25.4%	-	-	-	1.2	2.8
7/1	A61 (N) Left Ahead	U	E		1	44	-	484	1929	723	66.9%	-	-	-	5.2	14.4
7/2	A61 (N) Right	U	F		1	8	-	115	1883	141	81.4%	-	-	-	3.7	5.7
C1							PRC for Signalled Lanes (%): 6.5	Total Delay for Signalled Lanes (pcuHr): 36.08				Cycle Time (s): 120				
							PRC Over All Lanes (%): 6.5	Total Delay Over All Lanes(pcuHr): 36.08								

MTP Results Summary
Network Layout Diagram



Scenario 4: '2028 Base + Dev PM' (FG4: '2028 Base + Dev PM', Plan 1: 'Network Control Plan 1')

Stage Sequence Diagram



Lane Input Data

Junction: A6133 - A61												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (A6133 (E))	U	A	2	3	60.0	Geom	-	3.60	0.00	N	Arm 4 Left	5.00
											Arm 6 Ahead	Inf
											Arm 8 Right	17.00
2/1	U		2	3	60.0	Inf	-	-	-	-	-	-
3/1 (A61 (S))	U	B	2	3	60.0	Geom	-	2.80	0.00	Y	Arm 6 Left	20.00
											Arm 8 Ahead	Inf
3/2 (A61 (S))	O	B	2	3	60.0	Geom	-	2.70	0.00	N	Arm 2 Right	11.50
											Arm 8 Ahead	Inf
4/1	U		2	3	60.0	Inf	-	-	-	-	-	-
5/1 (A6133 (W))	U	D	2	3	8.0	Geom	-	3.00	0.00	Y	Arm 8 Left	18.00
5/2 (A6133 (W))	U	C	2	3	60.0	Geom	-	2.70	0.00	Y	Arm 2 Ahead	Inf
5/3 (A6133 (W))	U	C	2	3	60.0	Geom	-	3.10	0.00	N	Arm 4 Right	22.00
6/1	U		2	3	60.0	Inf	-	-	-	-	-	-
7/1 (A61 (N))	U	E	2	3	60.0	Geom	-	3.30	0.00	Y	Arm 2 Left	7.00
											Arm 4 Ahead	Inf
7/2 (A61 (N))	U	F	2	3	60.0	Geom	-	3.30	0.00	N	Arm 6 Right	14.00
8/1	U		2	3	60.0	Inf	-	-	-	-	-	-
8/2	U		2	3	60.0	Inf	-	-	-	-	-	-

Give-Way Lane Input Data

Junction: A6133 - A61											
Lane	Movement	Max Flow when Giving Way (PCU/Hr)	Min Flow when Giving Way (PCU/Hr)	Opposing Lane	Opp. Lane Coeff.	Opp. Mvmnts.	Right Turn Storage (PCU)	Non-Blocking Storage (PCU)	RTF	Right Turn Move up (s)	Max Turns in Intergreen (PCU)
3/2 (A61 (S))	2/1 (Right)	1439	0	7/1	1.09	All	2.00	2.00	0.50	2	2.00

MTP Results Summary

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
4: '2028 Base + Dev PM'	15:00	16:00	01:00	

Traffic Flows, Actual

Actual Flow :

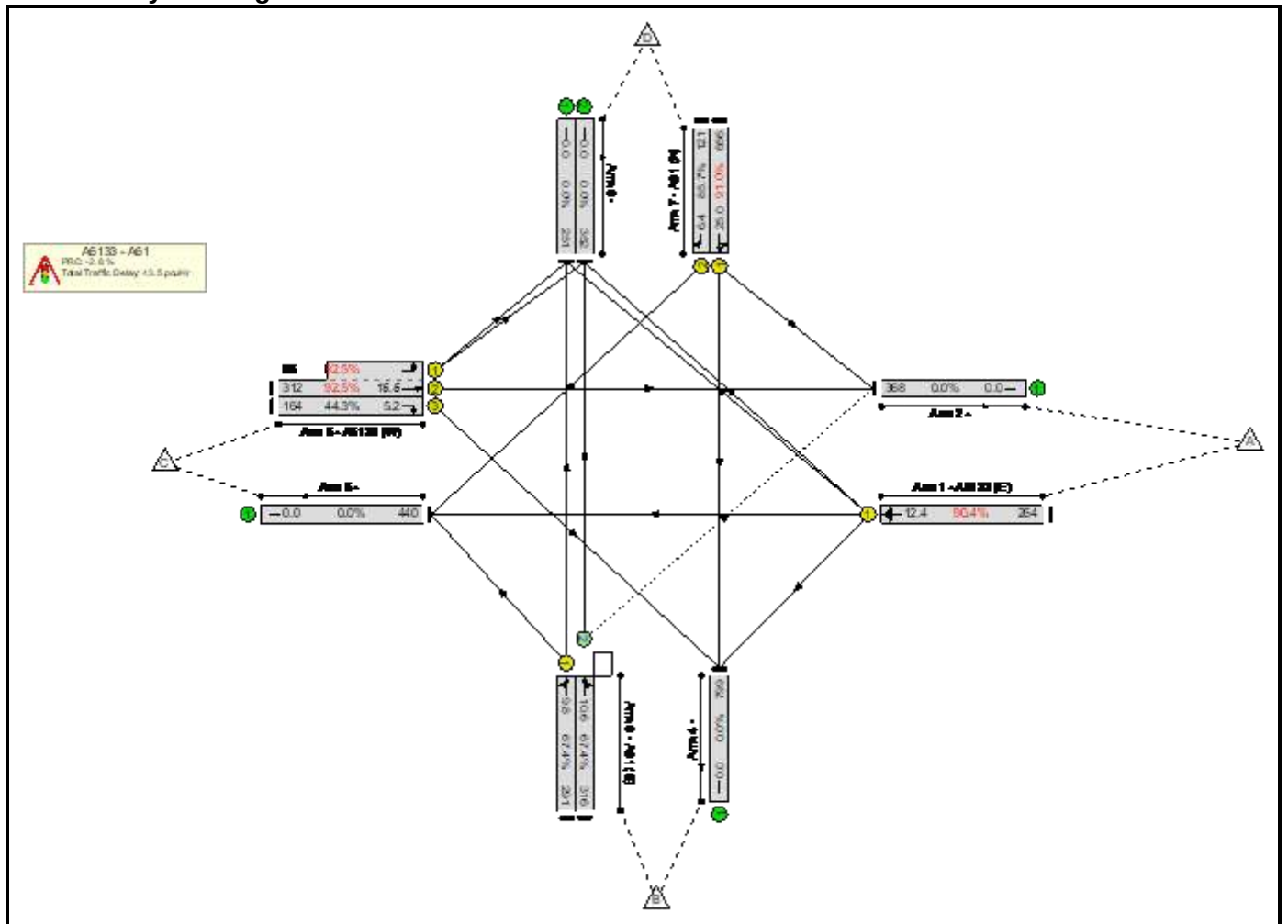
	Destination					
Origin		A	B	C	D	Tot.
	A	0	16	224	24	264
	B	19	0	95	493	607
	C	312	164	0	86	562
	D	37	619	121	0	777
	Tot.	368	799	440	603	2210

MTP Results Summary

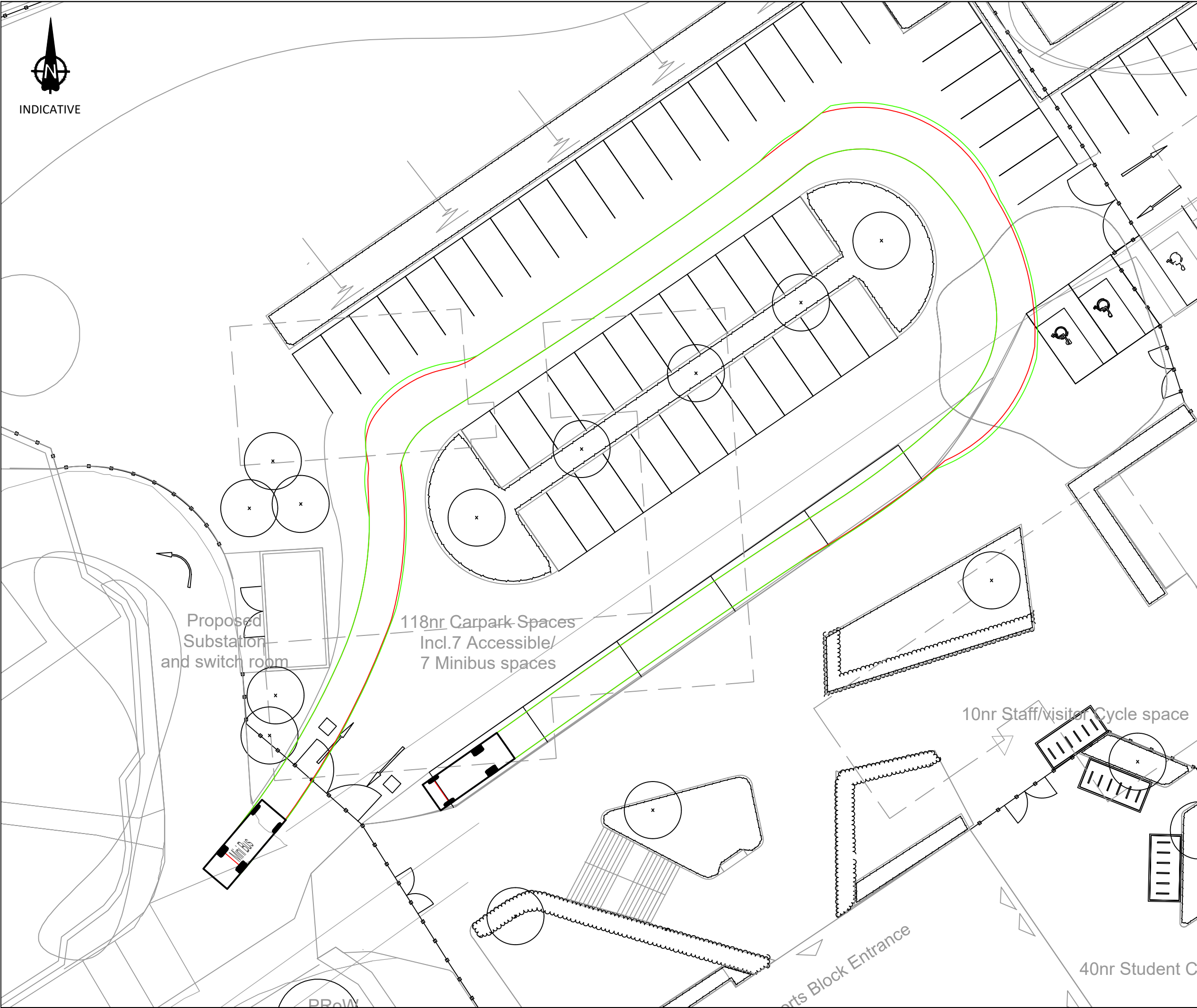
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Mean Max Queue (pcu)
Network	-	-	-		-	-	-	-	-	-	92.5%	19	0	0	43.5	-
A6133 - A61	-	-	-		-	-	-	-	-	-	92.5%	19	0	0	43.5	-
1/1	A6133 (E) Left Ahead Right	U	A		1	16	-	264	2061	292	90.4%	-	-	-	7.4	12.4
3/1	A61 (S) Left Ahead	U	B		1	27	-	291	1850	432	67.4%	-	-	-	4.4	9.8
3/2	A61 (S) Right Ahead	O	B		1	27	-	316	2009	469	67.4%	19	0	0	4.8	10.6
5/2+5/1	A6133 (W) Ahead Left	U	C D		1	22:53	-	398	1885:1768	337+93	92.5 : 92.5%	-	-	-	9.4	15.5
5/3	A6133 (W) Right	U	C		1	22	-	164	1933	370	44.3%	-	-	-	2.3	5.2
7/1	A61 (N) Left Ahead	U	E		1	44	-	656	1922	721	91.0%	-	-	-	10.9	25.0
7/2	A61 (N) Right	U	F		1	8	-	121	1883	141	85.7%	-	-	-	4.3	6.4
C1							PRC for Signalled Lanes (%): -2.8	Total Delay for Signalled Lanes (pcuHr): 43.52				Cycle Time (s): 120				
							PRC Over All Lanes (%): -2.8	Total Delay Over All Lanes(pcuHr): 43.52								

MTP Results Summary
Network Layout Diagram

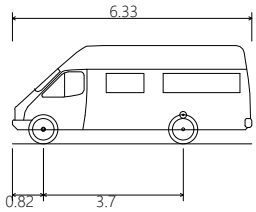


Drawings



INDICATIVE

- Notes
1. Do not scale from this drawing. All dimensions shown are in metres unless noted otherwise.
 2. This drawing has been based upon an architect's layout and Milestone Transport Planning cannot be held responsible for any discrepancies which may arise because of it.



Mini Bus
Overall Length 6.330m
Overall Width 2.192m
Overall Body Height 2.601m
Min Body Ground Clearance 0.374m
Track Width 2.192m
Lock to lock time 4.00s
Kerb to Kerb Turning Radius 6.450m

Ordnance Survey Licence number: 100057360

Drawing Revisions

Rev.	Drn.	Date:	Details	Chk:
-	JO	25/11/2021	First issue	TG

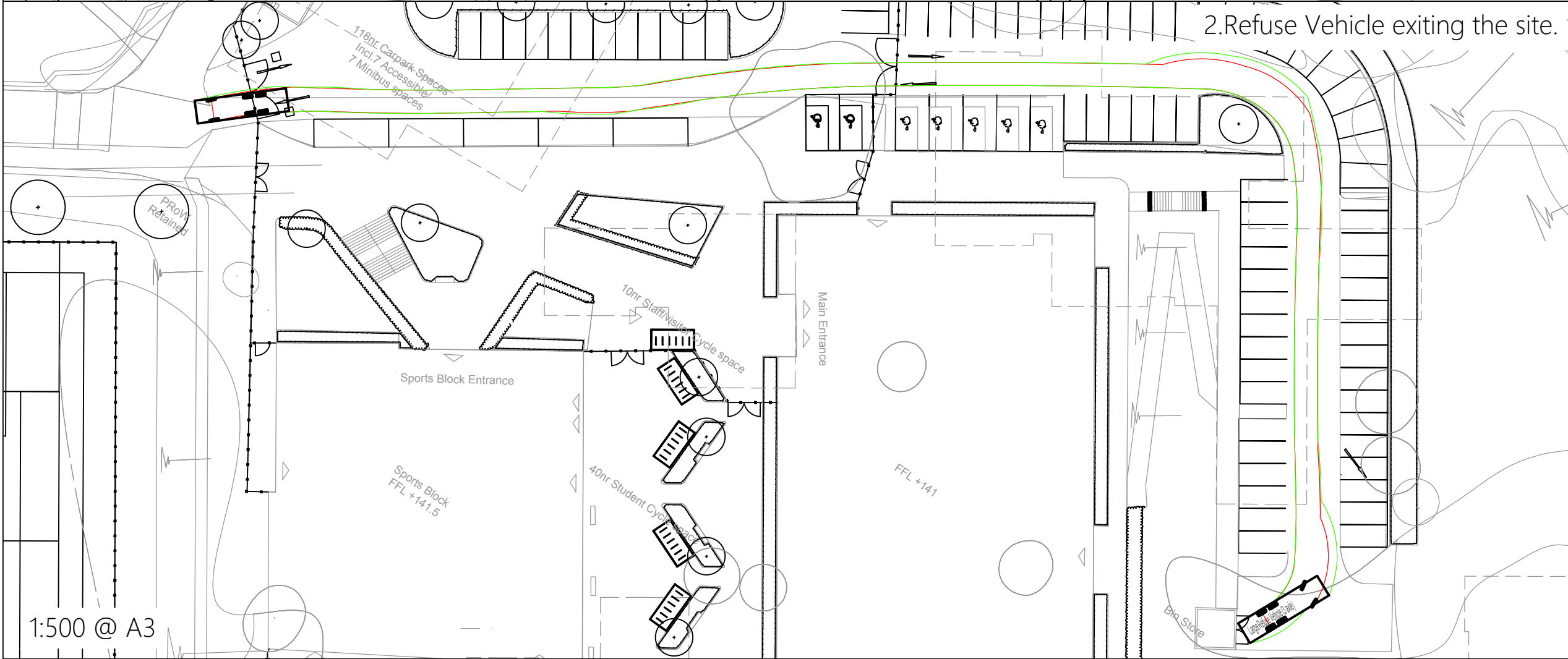
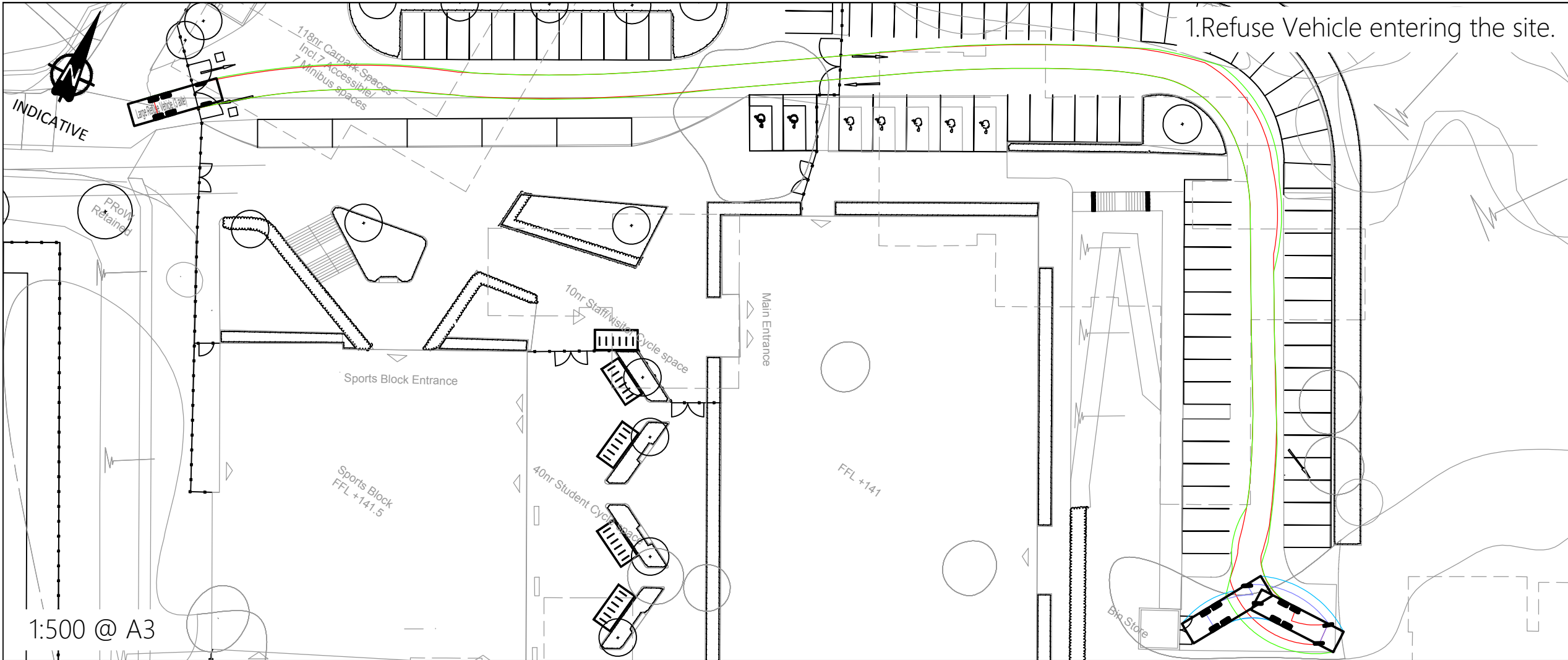
Client
Bowmer & Kirkland

Project
Trinity Academy, Barnsley

Title
Swept Path Analysis
- Mini Bus

MILESTONE
TRANSPORT PLANNING
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Gateshead IBC, Mulgrave Terrace, Gateshead, NE8 1AN
Tel: 0191 338 7220
web: www.milestonetp.co.uk

Drawing Number:	Scale:
21155/TA/TK01	1:250 @ A3
Revision:	-



Notes

- Do not scale from this drawing. All dimensions shown are in metres unless noted otherwise.
- This drawing has been based upon an architect's layout and Milestone Transport Planning cannot be held responsible for any discrepancies which may arise because of it.

Large Refuse Vehicle (3 axle)	
Overall Length	9.860m
Overall Width	2.450m
Overall Body Height	3.814m
Min Body Ground Clearance	0.366m
Track Width	2.450m
Lock to lock time	4.00s
Kerb to Kerb Turning Radius	9.500m

Ordnance Survey Licence number: 100057360

Drawing Revisions				
Rev.	Drm.	Date:	Details	Chk:
-	JO	25/11/2021	First issue	TG

Client

Bowmer & Kirkland

Project

Trinity Academy, Barnsley

Title

Swept Path Analysis
- Large Refuse Vehicle

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Drawing Number:	Scale:
21155/TA/TK02	1:500 @ A3
Revision:	-



Track

Proposed
Substation -
and switch room

~~118nr Carpark Spaces
Incl.7 Accessible/
7 Minibus spaces~~

10nr Staff/visitor Cycle space

Main Entrance

FFL +141

~~Bin Store~~

Sports Block Entrance

Sports Block
FFL +141.5

40nr Student Cycle space

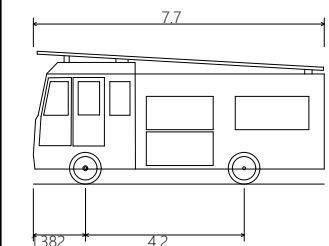
Hard Informal

Notes

1. Do not scale from this drawing. All dimensions shown are in metres unless noted otherwise.
2. This drawing has been based upon an architect's layout and Milestone Transport Planning cannot be held responsible for any discrepancies which may arise because of it.



Maximum 45-metre hose distance



Dennis Sabre Fire Tender (LWB)

Overall Length	7.700m
Overall Width	2.430m
Overall Body Height	3.512m
Min Body Ground Clearance	0.397m
Track Width	2.380m
Lock to lock time	5.00s
Kerb to Kerb Turning Radius	7.400m

Ordnance Survey Licence number: 100057360

Drawing Revisions

Rev:	Drn:	Date:	Details	Chk:
-	JO	25/11/2021	First issue	TG

Client

Bowmer & Kirkland

Project

Trinity Academy, Barnsley

Title

Swept Path Analysis - Fire Tender

MILESTONE

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Drawing Number:

21155/TA/TK03

Scale:
1:500 @ A3

Revision: