



Drive Time (mins)	Population East of Site	Population West of Site
25	319457	369800
60	2119534	3543814
120	6772424	17598249



Client
Equites Newlands
(Goldthorpe) Ltd

WEST OF GOLDTHORPE
Population Density

0 15 30 km
Esri UK, Esri, HERE, Garmin, FAO, NOAA, USGS, Esri UK, Esri, HERE, Garmin, Foursquare, FAO, METI/NASA, USGS
Data Source: HERE (2020)
Source: Office for National Statistics (2021), available under the Open Government Licence (OGL).

1:400,000 @ A3 Date: 06/11/2023
Drawn: TB Checked: JD
Figure: 001 Rev: A

Appendix H

Traffic Survey Data

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 2

LOCATION: SITE ACCESS / A635 / DUDLEY DRIVE / BARNSELY ROAD

DATE: 21/06/2022

DAY: TUESDAY

TIME	A - E FROM SITE ACCESS TO A635 (NE)								A - D FROM SITE ACCESS TO BARNSELY ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
H/TOT	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
P/TOT	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	1

TIME	A - E FROM SITE ACCESS TO A635 (NE)								A - D FROM SITE ACCESS TO BARNSELY ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P/TOT	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 2

LOCATION: SITE ACCESS / A635 / DUDLEY DRIVE / BARNSELY ROAD

DATE: 21/06/2022

DAY: TUESDAY

TIME	A - C FROM SITE ACCESS TO DUDLEY DRIVE								A - B FROM SITE ACCESS TO A635 (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TIME	A - C FROM SITE ACCESS TO DUDLEY DRIVE								A - B FROM SITE ACCESS TO A635 (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
16:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
16:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	3
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
P/TOT	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	5

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 2

LOCATION: SITE ACCESS / A635 / DUDLEY DRIVE / BARNSELY ROAD

DATE: 21/06/2022

DAY: TUESDAY

TIME	A - A FROM SITE ACCESS TO SITE ACCESS								B - A FROM A635 (W) TO SITE ACCESS							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1

TIME	A - A FROM SITE ACCESS TO SITE ACCESS								B - A FROM A635 (W) TO SITE ACCESS							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
17:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
P/TOT	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	4

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 2

LOCATION: SITE ACCESS / A635 / DUDLEY DRIVE / BARNSELY ROAD

DATE: 21/06/2022

DAY: TUESDAY

TIME	B - E FROM A635 (W) TO A635 (NE)								B - D FROM A635 (W) TO BARNSELY ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	133	55	4	11	1	1	0	205	23	7	2	0	0	0	0	32
07:15	161	48	10	7	1	1	0	228	31	6	3	1	3	0	0	44
07:30	117	51	8	10	2	4	0	192	32	12	2	0	1	0	0	47
07:45	141	34	13	6	0	2	0	196	47	13	2	0	1	0	0	63
H/TOT	552	188	35	34	4	8	0	821	133	38	9	1	5	0	0	186
08:00	122	23	19	8	0	0	0	172	46	7	3	1	2	0	0	59
08:15	102	22	5	9	0	0	0	138	47	9	4	0	0	0	0	60
08:30	71	27	8	14	0	1	0	121	42	9	3	0	2	0	0	56
08:45	75	32	6	13	0	1	0	127	47	2	2	1	1	0	0	53
H/TOT	370	104	38	44	0	2	0	558	182	27	12	2	5	0	0	228
P/TOT	922	292	73	78	4	10	0	1379	315	65	21	3	10	0	0	414

TIME	B - E FROM A635 (W) TO A635 (NE)								B - D FROM A635 (W) TO BARNSELY ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	87	25	10	11	0	2	0	135	53	10	0	0	1	0	0	64
15:15	84	32	4	6	0	0	0	126	62	7	2	0	1	1	0	73
15:30	74	27	5	12	0	1	0	119	67	7	4	2	1	0	0	81
15:45	79	17	4	5	0	1	0	106	75	6	1	0	0	1	0	83
H/TOT	324	101	23	34	0	4	0	486	257	30	7	2	3	2	0	301
16:00	74	13	8	9	0	0	0	104	60	10	3	0	3	0	0	76
16:15	99	21	6	4	0	4	0	134	77	10	1	0	2	1	0	91
16:30	98	32	7	7	0	2	0	146	65	16	1	0	1	0	0	83
16:45	89	28	7	6	0	5	0	135	60	14	0	0	1	0	0	75
H/TOT	360	94	28	26	0	11	0	519	262	50	5	0	7	1	0	325
17:00	106	12	5	7	0	1	1	132	57	9	0	0	0	1	0	67
17:15	101	16	3	1	0	0	0	121	60	7	1	0	2	0	0	70
17:30	101	15	2	0	0	0	0	118	83	10	1	0	0	1	0	95
17:45	92	14	1	5	0	3	0	115	60	7	1	0	1	4	0	73
H/TOT	400	57	11	13	0	4	1	486	260	33	3	0	3	6	0	305
P/TOT	1084	252	62	73	0	19	1	1491	779	113	15	2	13	9	0	931

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 2

LOCATION: SITE ACCESS / A635 / DUDLEY DRIVE / BARNSELY ROAD

DATE: 21/06/2022

DAY: TUESDAY

TIME	B - C FROM A635 (W) TO DUDLEY DRIVE								B - B FROM A635 (W) TO A635 (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	6	6	0	1	0	1	0	14	0	0	0	0	0	0	0	0
07:15	19	4	0	0	0	0	0	23	0	0	0	0	0	0	0	0
07:30	33	1	1	0	0	0	0	35	1	0	0	0	0	0	0	1
07:45	36	6	1	1	1	1	0	46	1	0	0	0	0	0	0	1
H/TOT	94	17	2	2	1	2	0	118	2	0	0	0	0	0	0	2
08:00	30	3	2	0	0	0	0	35	1	0	0	0	0	0	0	1
08:15	22	8	3	0	0	0	0	33	0	0	0	0	0	0	0	0
08:30	15	1	1	0	0	0	0	17	0	0	0	0	0	0	0	0
08:45	19	5	0	1	0	0	0	25	0	0	0	0	0	0	0	0
H/TOT	86	17	6	1	0	0	0	110	1	0	0	0	0	0	0	1
P/TOT	180	34	8	3	1	2	0	228	3	0	0	0	0	0	0	3

TIME	B - C FROM A635 (W) TO DUDLEY DRIVE								B - B FROM A635 (W) TO A635 (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	22	4	2	1	0	0	0	29	0	0	0	0	0	0	0	0
15:15	17	4	3	0	0	0	0	24	0	0	0	0	0	0	0	0
15:30	14	7	1	0	0	0	0	22	0	0	0	0	0	1	0	1
15:45	16	4	2	1	0	0	0	23	2	0	0	0	0	0	0	2
H/TOT	69	19	8	2	0	0	0	98	2	0	0	0	0	1	0	3
16:00	18	4	1	0	0	0	0	23	1	0	0	1	0	0	0	2
16:15	23	4	0	1	0	0	0	28	0	1	0	0	0	0	0	1
16:30	20	3	2	0	0	0	0	25	1	0	1	0	0	0	0	2
16:45	25	9	0	1	0	2	0	37	0	0	0	0	0	0	0	0
H/TOT	86	20	3	2	0	2	0	113	2	1	1	1	0	0	0	5
17:00	19	1	1	2	0	0	0	23	2	0	0	0	0	0	0	2
17:15	28	0	1	1	0	0	0	30	1	0	0	0	0	0	0	1
17:30	26	4	0	0	0	0	0	30	1	0	0	0	0	0	0	1
17:45	16	4	1	2	0	1	0	24	0	0	0	0	0	0	0	0
H/TOT	89	9	3	5	0	1	0	107	4	0	0	0	0	0	0	4
P/TOT	244	48	14	9	0	3	0	318	8	1	1	1	0	1	0	12

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 2

LOCATION: SITE ACCESS / A635 / DUDLEY DRIVE / BARNSELY ROAD

DATE: 21/06/2022

DAY: TUESDAY

TIME	C - E FROM DUDLEY DRIVE TO A635 (NE)								C - D FROM DUDLEY DRIVE TO BARNSELY ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	3	2	1	9	0	0	0	15	0	0	0	0	0	0	0	0
07:15	2	1	0	1	0	0	0	4	0	0	0	0	0	0	0	0
07:30	1	1	0	3	0	0	0	5	1	0	0	0	0	0	0	1
07:45	1	0	2	2	0	0	0	5	0	0	0	0	0	0	0	0
H/TOT	7	4	3	15	0	0	0	29	1	0	0	0	0	0	0	1
08:00	0	0	3	7	0	0	0	10	3	0	0	0	0	0	0	3
08:15	5	2	2	3	0	0	0	12	1	0	0	0	0	0	0	1
08:30	6	0	1	4	0	0	0	11	0	0	0	0	0	0	0	0
08:45	4	0	0	3	0	0	0	7	1	1	0	0	0	0	0	2
H/TOT	15	2	6	17	0	0	0	40	5	1	0	0	0	0	0	6
P/TOT	22	6	9	32	0	0	0	69	6	1	0	0	0	0	0	7

TIME	C - E FROM DUDLEY DRIVE TO A635 (NE)								C - D FROM DUDLEY DRIVE TO BARNSELY ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	7	4	1	5	0	0	0	17	5	0	0	0	0	0	0	5
15:15	9	0	0	1	0	0	0	10	2	0	1	0	0	1	0	4
15:30	3	0	2	6	0	0	0	11	2	0	0	0	0	0	0	2
15:45	1	1	0	3	0	0	0	5	3	0	0	0	0	0	0	3
H/TOT	20	5	3	15	0	0	0	43	12	0	1	0	0	1	0	14
16:00	11	1	0	2	0	0	0	14	1	0	0	1	0	0	0	2
16:15	5	2	1	5	0	1	0	14	2	0	0	0	0	0	0	2
16:30	11	1	0	4	0	2	0	18	1	1	1	0	0	1	0	4
16:45	5	2	1	3	0	0	0	11	1	0	0	0	0	0	0	1
H/TOT	32	6	2	14	0	3	0	57	5	1	1	1	0	1	0	9
17:00	12	1	0	5	0	0	0	18	2	0	0	0	0	0	0	2
17:15	8	0	0	2	0	0	0	10	2	0	0	0	0	0	0	2
17:30	6	1	0	4	0	0	0	11	0	0	0	0	0	0	0	0
17:45	6	1	0	1	0	1	0	9	2	0	0	0	0	0	0	2
H/TOT	32	3	0	12	0	1	0	48	6	0	0	0	0	0	0	6
P/TOT	84	14	5	41	0	4	0	148	23	1	2	1	0	2	0	29

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 2

LOCATION: SITE ACCESS / A635 / DUDLEY DRIVE / BARNSELY ROAD

DATE: 21/06/2022

DAY: TUESDAY

TIME	C - C FROM DUDLEY DRIVE TO DUDLEY DRIVE								D - C FROM BARNSELY ROAD TO DUDLEY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
07:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
08:30	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
08:45	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	7	1	0	0	0	0	0	8
P/TOT	0	0	0	0	0	0	0	0	8	2	0	1	0	0	0	11

TIME	C - C FROM DUDLEY DRIVE TO DUDLEY DRIVE								D - C FROM BARNSELY ROAD TO DUDLEY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
15:15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
15:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
15:45	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
H/TOT	0	0	0	0	0	0	0	0	9	1	0	0	0	0	0	10
16:00	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4
16:15	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
16:30	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	3
16:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
H/TOT	0	0	0	0	0	0	0	0	10	1	1	0	0	0	0	12
17:00	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	3
17:15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
17:30	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
17:45	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	11	0	0	0	0	1	0	12
P/TOT	0	0	0	0	0	0	0	0	30	2	1	0	0	1	0	34

MANUAL CLASSIFIED COUNTS

JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 2

LOCATION: SITE ACCESS / A635 / DUDLEY DRIVE / BARNSELY ROAD



DATE: 21/06/2022

DAY: TUESDAY

TIME	E - D FROM A635 (NE) TO BARNSELY ROAD								E - C FROM A635 (NE) TO DUDLEY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	1	0	0	0	0	0	0	1	4	0	1	6	0	0	0	11
07:15	1	0	0	0	0	0	0	1	5	0	1	6	0	1	0	13
07:30	1	0	0	0	0	0	0	1	0	1	1	1	0	0	0	3
07:45	2	0	0	0	0	0	0	2	8	2	0	6	0	0	0	16
H/TOT	5	0	0	0	0	0	0	5	17	3	3	19	0	1	0	43
08:00	0	0	0	0	0	0	0	0	3	1	0	3	0	0	0	7
08:15	3	1	0	0	0	0	0	4	4	1	1	7	0	0	0	13
08:30	4	0	0	0	0	0	0	4	6	1	1	10	0	0	0	18
08:45	7	0	0	0	0	0	0	7	9	2	2	4	0	0	0	17
H/TOT	14	1	0	0	0	0	0	15	22	5	4	24	0	0	0	55
P/TOT	19	1	0	0	0	0	0	20	39	8	7	43	0	1	0	98

TIME	E - D FROM A635 (NE) TO BARNSELY ROAD								E - C FROM A635 (NE) TO DUDLEY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	9	0	0	0	0	0	0	9	3	1	2	8	0	0	0	14
15:15	6	2	0	0	0	0	0	8	7	2	1	5	0	0	0	15
15:30	8	0	0	0	0	0	0	8	3	1	4	5	0	0	0	13
15:45	1	0	0	0	0	0	0	1	1	2	1	5	0	0	0	9
H/TOT	24	2	0	0	0	0	0	26	14	6	8	23	0	0	0	51
16:00	4	0	0	0	0	0	0	4	4	1	1	7	0	0	0	13
16:15	3	1	0	0	0	0	0	4	1	2	0	6	0	0	0	9
16:30	7	1	1	0	0	0	0	9	5	3	1	4	0	0	0	13
16:45	5	2	0	0	0	0	0	7	1	0	2	5	0	1	0	9
H/TOT	19	4	1	0	0	0	0	24	11	6	4	22	0	1	0	44
17:00	13	1	0	0	0	0	1	15	2	0	1	5	0	0	0	8
17:15	8	2	1	0	0	0	0	11	1	0	1	1	0	1	0	4
17:30	13	0	0	1	0	0	0	14	1	1	2	7	0	0	0	11
17:45	5	0	0	0	0	0	0	5	2	1	0	4	0	0	0	7
H/TOT	39	3	1	1	0	0	1	45	6	2	4	17	0	1	0	30
P/TOT	82	9	2	1	0	0	1	95	31	14	16	62	0	2	0	125

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 2

LOCATION: SITE ACCESS / A635 / DUDLEY DRIVE / BARNSELY ROAD

DATE: 21/06/2022

DAY: TUESDAY

TIME	E - B FROM A635 (NE) TO A635 (W)								E - A FROM A635 (NE) TO SITE ACCESS							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	60	21	10	10	0	0	0	101	0	0	0	0	0	0	0	0
07:15	84	27	6	12	0	2	0	131	0	1	0	0	0	0	0	1
07:30	93	24	8	15	0	3	0	143	1	0	0	0	0	0	0	1
07:45	81	29	13	12	0	1	0	136	0	0	0	0	0	0	0	0
H/TOT	318	101	37	49	0	6	0	511	1	1	0	0	0	0	0	2
08:00	77	26	14	11	0	0	0	128	0	0	0	0	0	0	0	0
08:15	90	25	9	20	0	1	0	145	0	0	0	0	0	0	0	0
08:30	78	33	6	14	0	0	0	131	0	0	0	0	0	0	0	0
08:45	68	27	8	12	1	1	0	117	0	0	0	0	0	0	0	0
H/TOT	313	111	37	57	1	2	0	521	0	0	0	0	0	0	0	0
P/TOT	631	212	74	106	1	8	0	1032	1	1	0	0	0	0	0	2

TIME	E - B FROM A635 (NE) TO A635 (W)								E - A FROM A635 (NE) TO SITE ACCESS							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	80	32	9	7	0	2	0	130	0	0	0	0	0	0	0	0
15:15	92	43	10	10	0	1	0	156	0	0	0	0	0	0	0	0
15:30	83	39	6	8	0	1	0	137	0	0	0	0	0	0	0	0
15:45	100	32	6	5	0	4	0	147	0	0	0	1	0	0	0	1
H/TOT	355	146	31	30	0	8	0	570	0	0	0	1	0	0	0	1
16:00	111	36	8	7	0	1	0	163	0	0	0	0	0	0	0	0
16:15	107	35	3	12	0	3	2	162	0	0	0	0	0	0	0	0
16:30	134	26	9	4	0	1	0	174	0	0	0	0	0	0	0	0
16:45	149	31	3	12	0	1	0	196	0	0	0	0	0	0	0	0
H/TOT	501	128	23	35	0	6	2	695	0	0	0	0	0	0	0	0
17:00	157	27	1	4	0	2	0	191	0	0	0	0	0	0	0	0
17:15	126	26	4	9	0	4	0	169	0	0	0	0	0	0	0	0
17:30	134	21	4	1	0	0	1	161	0	0	0	0	0	0	0	0
17:45	102	22	3	4	0	2	0	133	0	0	0	0	0	0	0	0
H/TOT	519	96	12	18	0	8	1	654	0	0	0	0	0	0	0	0
P/TOT	1375	370	66	83	0	22	3	1919	0	0	0	1	0	0	0	1

MANUAL CLASSIFIED COUNTS

JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 2

LOCATION: SITE ACCESS / A635 / DUDLEY DRIVE / BARNSELY ROAD



DATE: 21/06/2022

DAY: TUESDAY

TIME	E - E FROM A635 (NE) TO A635 (NE)							
	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	2	0	0	0	0	0	0	2
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	2	0	0	0	0	0	0	2
P/TOT	2	0	0	0	0	0	0	2

TIME	E - E FROM A635 (NE) TO A635 (NE)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	0	0	0	0	0	0	0	0
15:15	0	0	1	0	0	0	0	1
15:30	0	0	0	0	0	0	0	0
15:45	2	0	0	0	0	0	0	2
H/TOT	2	0	1	0	0	0	0	3
16:00	0	0	0	1	0	0	0	1
16:15	0	0	0	0	0	0	0	0
16:30	1	0	0	0	0	0	0	1
16:45	0	0	0	0	0	0	0	0
H/TOT	1	0	0	1	0	0	0	2
17:00	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0
P/TOT	3	0	1	1	0	0	0	5

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 3

DATE: 21/06/2022

LOCATION: HIGHGATE LANE / COMMERCIAL ROAD

DAY: TUESDAY

TIME	A - C FROM HIGHGATE LANE (N) TO HIGHGATE LANE (S)								A - B FROM HIGHGATE LANE (N) TO COMMERCIAL ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	36	6	2	1	0	1	0	46	2	0	0	0	0	0	0	2
07:15	50	4	5	0	0	0	1	60	2	0	0	0	0	0	0	2
07:30	53	4	2	0	0	0	0	59	12	0	0	0	0	0	1	13
07:45	56	8	4	1	0	0	1	70	6	0	0	0	0	0	1	7
H/TOT	195	22	13	2	0	1	2	235	22	0	0	0	0	0	2	24
08:00	82	7	2	0	0	0	0	91	2	1	0	0	0	0	1	4
08:15	75	19	3	0	0	0	1	98	1	0	0	0	0	0	0	1
08:30	90	9	1	1	0	0	2	103	2	4	1	0	0	0	0	7
08:45	79	12	1	0	1	0	0	93	2	2	1	0	0	0	0	5
H/TOT	326	47	7	1	1	0	3	385	7	7	2	0	0	0	1	17
P/TOT	521	69	20	3	1	1	5	620	29	7	2	0	0	0	3	41

TIME	A - C FROM HIGHGATE LANE (N) TO HIGHGATE LANE (S)								A - B FROM HIGHGATE LANE (N) TO COMMERCIAL ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	75	15	2	0	0	0	0	92	1	0	0	0	0	0	0	1
15:15	73	21	5	0	0	0	0	99	1	0	0	0	0	0	0	1
15:30	61	11	1	0	0	1	1	75	1	0	0	0	0	0	0	1
15:45	76	15	1	3	0	1	2	98	3	1	0	0	0	0	0	4
H/TOT	285	62	9	3	0	2	3	364	6	1	0	0	0	0	0	7
16:00	91	11	4	1	1	0	0	108	2	0	0	0	0	0	0	2
16:15	92	17	1	0	0	1	0	111	0	0	0	1	0	0	0	1
16:30	75	15	3	2	0	1	2	98	5	1	0	0	0	0	0	6
16:45	80	22	1	0	0	2	1	106	4	0	0	0	0	0	0	4
H/TOT	338	65	9	3	1	4	3	423	11	1	0	1	0	0	0	13
17:00	90	10	1	0	0	1	3	105	2	0	0	0	0	0	0	2
17:15	89	10	1	0	0	1	0	101	2	0	0	0	0	0	0	2
17:30	87	12	1	0	0	0	3	103	3	0	0	0	0	0	0	3
17:45	69	9	2	0	0	2	0	82	1	0	0	0	0	0	0	1
H/TOT	335	41	5	0	0	4	6	391	8	0	0	0	0	0	0	8
P/TOT	958	168	23	6	1	10	12	1178	25	2	0	1	0	0	0	28

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 3

DATE: 21/06/2022

LOCATION: HIGHGATE LANE / COMMERCIAL ROAD

DAY: TUESDAY

TIME	B - A FROM COMMERCIAL ROAD TO HIGHGATE LANE (N)								B - C FROM COMMERCIAL ROAD TO HIGHGATE LANE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0	2	4	0	0	0	1	0	7
07:15	1	1	0	0	0	0	0	2	8	4	1	0	0	0	0	13
07:30	0	0	0	0	0	0	0	0	13	2	1	0	0	0	0	16
07:45	1	0	0	0	0	0	0	1	21	4	0	0	1	0	0	26
H/TOT	2	1	0	0	0	0	0	3	44	14	2	0	1	1	0	62
08:00	3	0	0	0	0	0	0	3	13	2	0	0	0	0	0	15
08:15	0	0	0	0	0	0	0	0	10	5	2	0	0	0	0	17
08:30	3	2	1	0	0	0	0	6	13	4	0	0	0	0	0	17
08:45	1	0	0	0	0	0	0	1	15	4	0	0	0	0	0	19
H/TOT	7	2	1	0	0	0	0	10	51	15	2	0	0	0	0	68
P/TOT	9	3	1	0	0	0	0	13	95	29	4	0	1	1	0	130

TIME	B - A FROM COMMERCIAL ROAD TO HIGHGATE LANE (N)								B - C FROM COMMERCIAL ROAD TO HIGHGATE LANE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	8	0	0	0	0	0	1	9	34	2	0	0	0	0	0	36
15:15	5	3	1	0	0	0	0	9	27	2	4	0	0	2	0	35
15:30	2	1	1	1	0	0	0	5	19	7	0	0	0	1	1	28
15:45	2	1	0	0	0	0	0	3	17	7	1	1	0	0	0	26
H/TOT	17	5	2	1	0	0	1	26	97	18	5	1	0	3	1	125
16:00	3	0	0	1	0	0	0	4	28	6	0	0	0	0	0	34
16:15	1	0	0	0	0	0	0	1	25	2	0	0	1	2	0	30
16:30	10	0	1	1	0	0	0	12	26	4	3	0	1	1	0	35
16:45	4	0	0	0	0	0	0	4	18	9	0	0	0	1	1	29
H/TOT	18	0	1	2	0	0	0	21	97	21	3	0	2	4	1	128
17:00	8	2	0	0	0	0	0	10	31	1	1	0	0	2	0	35
17:15	3	1	0	0	0	0	0	4	29	1	0	0	0	0	1	31
17:30	3	0	0	0	0	0	0	3	25	3	0	0	0	1	0	29
17:45	3	0	1	0	0	0	0	4	22	6	2	0	0	1	0	31
H/TOT	17	3	1	0	0	0	0	21	107	11	3	0	0	4	1	126
P/TOT	52	8	4	3	0	0	1	68	301	50	11	1	2	11	3	379

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 3

DATE: 21/06/2022

LOCATION: HIGHGATE LANE / COMMERCIAL ROAD

DAY: TUESDAY

TIME	C - B FROM HIGHGATE LANE (S) TO COMMERCIAL ROAD								C - A FROM HIGHGATE LANE (S) TO HIGHGATE LANE (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	21	14	0	0	0	0	0	35	29	4	1	0	1	1	0	36
07:15	30	5	2	0	0	0	0	37	35	14	1	0	0	0	0	50
07:30	29	7	1	1	0	2	0	40	41	10	0	0	0	0	1	52
07:45	32	4	1	0	0	0	1	38	49	12	3	0	0	0	0	64
H/TOT	112	30	4	1	0	2	1	150	154	40	5	0	1	1	1	202
08:00	37	7	2	0	1	0	1	48	69	10	2	0	0	0	1	82
08:15	28	4	1	1	0	1	0	35	73	4	2	1	0	1	0	81
08:30	32	2	0	0	0	0	0	34	86	16	0	0	0	1	0	103
08:45	29	2	2	0	0	0	0	33	79	7	1	1	0	0	0	88
H/TOT	126	15	5	1	1	1	1	150	307	37	5	2	0	2	1	354
P/TOT	238	45	9	2	1	3	2	300	461	77	10	2	1	3	2	556

TIME	C - B FROM HIGHGATE LANE (S) TO COMMERCIAL ROAD								C - A FROM HIGHGATE LANE (S) TO HIGHGATE LANE (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	14	4	1	0	0	0	0	19	56	1	1	0	0	0	1	59
15:15	23	2	2	0	0	0	0	27	64	5	1	0	0	1	0	71
15:30	21	2	2	0	0	1	0	26	72	8	0	0	0	2	0	82
15:45	12	2	0	0	0	0	0	14	71	16	2	0	0	1	0	90
H/TOT	70	10	5	0	0	1	0	86	263	30	4	0	0	4	1	302
16:00	23	4	1	0	0	0	0	28	60	18	3	0	1	0	0	82
16:15	25	1	2	0	1	0	1	30	61	7	1	0	0	0	0	69
16:30	18	5	0	0	0	1	0	24	66	6	3	2	0	0	1	78
16:45	21	1	0	0	0	0	1	23	85	9	0	0	0	1	0	95
H/TOT	87	11	3	0	1	1	2	105	272	40	7	2	1	1	1	324
17:00	22	7	0	0	0	0	0	29	79	10	3	0	0	1	1	94
17:15	24	1	1	0	0	0	0	26	75	5	1	0	0	1	0	82
17:30	22	2	0	0	0	0	0	24	83	13	0	1	0	0	1	98
17:45	19	4	1	0	0	1	0	25	56	8	0	2	0	0	1	67
H/TOT	87	14	2	0	0	1	0	104	293	36	4	3	0	2	3	341
P/TOT	244	35	10	0	1	3	2	295	828	106	15	5	1	7	5	967

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 3

DATE: 21/06/2022

LOCATION: HIGHGATE LANE / COMMERCIAL ROAD

DAY: TUESDAY

TIME	TO ARM A HIGHGATE LANE (N)								FROM ARM A HIGHGATE LANE (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	29	4	1	0	1	1	0	36	38	6	2	1	0	1	0	48
07:15	36	15	1	0	0	0	0	52	52	4	5	0	0	0	1	62
07:30	41	10	0	0	0	0	1	52	65	4	2	0	0	0	1	72
07:45	50	12	3	0	0	0	0	65	62	8	4	1	0	0	2	77
H/TOT	156	41	5	0	1	1	1	205	217	22	13	2	0	1	4	259
08:00	72	10	2	0	0	0	1	85	84	8	2	0	0	0	1	95
08:15	73	4	2	1	0	1	0	81	76	19	3	0	0	0	1	99
08:30	89	18	1	0	0	1	0	109	92	13	2	1	0	0	2	110
08:45	80	7	1	1	0	0	0	89	81	14	2	0	1	0	0	98
H/TOT	314	39	6	2	0	2	1	364	333	54	9	1	1	0	4	402
P/TOT	470	80	11	2	1	3	2	569	550	76	22	3	1	1	8	661

TIME	TO ARM A HIGHGATE LANE (N)								FROM ARM A HIGHGATE LANE (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	64	1	1	0	0	0	2	68	76	15	2	0	0	0	0	93
15:15	69	8	2	0	0	1	0	80	74	21	5	0	0	0	0	100
15:30	74	9	1	1	0	2	0	87	62	11	1	0	0	1	1	76
15:45	73	17	2	0	0	1	0	93	79	16	1	3	0	1	2	102
H/TOT	280	35	6	1	0	4	2	328	291	63	9	3	0	2	3	371
16:00	63	18	3	1	1	0	0	86	93	11	4	1	1	0	0	110
16:15	62	7	1	0	0	0	0	70	92	17	1	1	0	1	0	112
16:30	76	6	4	3	0	0	1	90	80	16	3	2	0	1	2	104
16:45	89	9	0	0	0	1	0	99	84	22	1	0	0	2	1	110
H/TOT	290	40	8	4	1	1	1	345	349	66	9	4	1	4	3	436
17:00	87	12	3	0	0	1	1	104	92	10	1	0	0	1	3	107
17:15	78	6	1	0	0	1	0	86	91	10	1	0	0	1	0	103
17:30	86	13	0	1	0	0	1	101	90	12	1	0	0	0	3	106
17:45	59	8	1	2	0	0	1	71	70	9	2	0	0	2	0	83
H/TOT	310	39	5	3	0	2	3	362	343	41	5	0	0	4	6	399
P/TOT	880	114	19	8	1	7	6	1035	983	170	23	7	1	10	12	1206

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 3

DATE: 21/06/2022

LOCATION: HIGHGATE LANE / COMMERCIAL ROAD

DAY: TUESDAY

TIME	TO ARM B COMMERCIAL ROAD								FROM ARM B COMMERCIAL ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	23	14	0	0	0	0	0	37	2	4	0	0	0	1	0	7
07:15	32	5	2	0	0	0	0	39	9	5	1	0	0	0	0	15
07:30	41	7	1	1	0	2	1	53	13	2	1	0	0	0	0	16
07:45	38	4	1	0	0	0	2	45	22	4	0	0	1	0	0	27
H/TOT	134	30	4	1	0	2	3	174	46	15	2	0	1	1	0	65
08:00	39	8	2	0	1	0	2	52	16	2	0	0	0	0	0	18
08:15	29	4	1	1	0	1	0	36	10	5	2	0	0	0	0	17
08:30	34	6	1	0	0	0	0	41	16	6	1	0	0	0	0	23
08:45	31	4	3	0	0	0	0	38	16	4	0	0	0	0	0	20
H/TOT	133	22	7	1	1	1	2	167	58	17	3	0	0	0	0	78
P/TOT	267	52	11	2	1	3	5	341	104	32	5	0	1	1	0	143

TIME	TO ARM B COMMERCIAL ROAD								FROM ARM B COMMERCIAL ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	15	4	1	0	0	0	0	20	42	2	0	0	0	0	1	45
15:15	24	2	2	0	0	0	0	28	32	5	5	0	0	2	0	44
15:30	22	2	2	0	0	1	0	27	21	8	1	1	0	1	1	33
15:45	15	3	0	0	0	0	0	18	19	8	1	1	0	0	0	29
H/TOT	76	11	5	0	0	1	0	93	114	23	7	2	0	3	2	151
16:00	25	4	1	0	0	0	0	30	31	6	0	1	0	0	0	38
16:15	25	1	2	1	1	0	1	31	26	2	0	0	1	2	0	31
16:30	23	6	0	0	0	1	0	30	36	4	4	1	1	1	0	47
16:45	25	1	0	0	0	0	1	27	22	9	0	0	0	1	1	33
H/TOT	98	12	3	1	1	1	2	118	115	21	4	2	2	4	1	149
17:00	24	7	0	0	0	0	0	31	39	3	1	0	0	2	0	45
17:15	26	1	1	0	0	0	0	28	32	2	0	0	0	0	1	35
17:30	25	2	0	0	0	0	0	27	28	3	0	0	0	1	0	32
17:45	20	4	1	0	0	1	0	26	25	6	3	0	0	1	0	35
H/TOT	95	14	2	0	0	1	0	112	124	14	4	0	0	4	1	147
P/TOT	269	37	10	1	1	3	2	323	353	58	15	4	2	11	4	447

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 3

DATE: 21/06/2022

LOCATION: HIGHGATE LANE / COMMERCIAL ROAD

DAY: TUESDAY

TIME	TO ARM C HIGHGATE LANE (S)								FROM ARM C HIGHGATE LANE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	38	10	2	1	0	2	0	53	50	18	1	0	1	1	0	71
07:15	58	8	6	0	0	0	1	73	65	19	3	0	0	0	0	87
07:30	66	6	3	0	0	0	0	75	70	17	1	1	0	2	1	92
07:45	77	12	4	1	1	0	1	96	81	16	4	0	0	0	1	102
H/TOT	239	36	15	2	1	2	2	297	266	70	9	1	1	3	2	352
08:00	95	9	2	0	0	0	0	106	106	17	4	0	1	0	2	130
08:15	85	24	5	0	0	0	1	115	101	8	3	2	0	2	0	116
08:30	103	13	1	1	0	0	2	120	118	18	0	0	0	1	0	137
08:45	94	16	1	0	1	0	0	112	108	9	3	1	0	0	0	121
H/TOT	377	62	9	1	1	0	3	453	433	52	10	3	1	3	2	504
P/TOT	616	98	24	3	2	2	5	750	699	122	19	4	2	6	4	856

TIME	TO ARM C HIGHGATE LANE (S)								FROM ARM C HIGHGATE LANE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	109	17	2	0	0	0	0	128	70	5	2	0	0	0	1	78
15:15	100	23	9	0	0	2	0	134	87	7	3	0	0	1	0	98
15:30	80	18	1	0	0	2	2	103	93	10	2	0	0	3	0	108
15:45	93	22	2	4	0	1	2	124	83	18	2	0	0	1	0	104
H/TOT	382	80	14	4	0	5	4	489	333	40	9	0	0	5	1	388
16:00	119	17	4	1	1	0	0	142	83	22	4	0	1	0	0	110
16:15	117	19	1	0	1	3	0	141	86	8	3	0	1	0	1	99
16:30	101	19	6	2	1	2	2	133	84	11	3	2	0	1	1	102
16:45	98	31	1	0	0	3	2	135	106	10	0	0	0	1	1	118
H/TOT	435	86	12	3	3	8	4	551	359	51	10	2	2	2	3	429
17:00	121	11	2	0	0	3	3	140	101	17	3	0	0	1	1	123
17:15	118	11	1	0	0	1	1	132	99	6	2	0	0	1	0	108
17:30	112	15	1	0	0	1	3	132	105	15	0	1	0	0	1	122
17:45	91	15	4	0	0	3	0	113	75	12	1	2	0	1	1	92
H/TOT	442	52	8	0	0	8	7	517	380	50	6	3	0	3	3	445
P/TOT	1259	218	34	7	3	21	15	1557	1072	141	25	5	2	10	7	1262

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 4

DATE: 21/06/2022

LOCATION: BARROWFIELD ROAD / A635 / B6098

DAY: TUESDAY

TIME	A - D FROM BARROWFIELD ROAD TO A635 (E)								A - C FROM BARROWFIELD ROAD TO B6098							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	1	0	1	2	0	0	0	4	4	2	0	0	1	0	0	7
07:15	1	0	1	1	0	0	0	3	4	0	2	0	0	0	0	6
07:30	2	1	0	5	0	0	0	8	12	4	0	0	2	0	0	18
07:45	2	0	2	3	0	0	0	7	8	3	2	0	0	1	0	14
H/TOT	6	1	4	11	0	0	0	22	28	9	4	0	3	1	0	45
08:00	5	1	2	2	0	0	0	10	32	5	2	0	0	0	0	39
08:15	11	2	1	2	0	0	0	16	22	3	0	0	0	0	1	26
08:30	6	4	0	1	0	0	0	11	21	1	0	0	0	0	0	22
08:45	2	1	0	1	0	0	0	4	11	5	1	0	0	0	1	18
H/TOT	24	8	3	6	0	0	0	41	86	14	3	0	0	0	2	105
P/TOT	30	9	7	17	0	0	0	63	114	23	7	0	3	1	2	150

TIME	A - D FROM BARROWFIELD ROAD TO A635 (E)								A - C FROM BARROWFIELD ROAD TO B6098							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	14	1	0	1	0	0	0	16	27	1	0	0	0	0	0	28
15:15	7	0	0	1	0	0	0	8	19	4	2	1	0	0	0	26
15:30	2	2	0	0	0	0	0	4	10	2	2	0	0	1	0	15
15:45	5	1	1	2	0	0	0	9	14	4	0	0	1	1	1	21
H/TOT	28	4	1	4	0	0	0	37	70	11	4	1	1	2	1	90
16:00	10	3	1	3	0	1	0	18	27	0	1	0	0	0	0	28
16:15	12	1	0	3	0	0	0	16	26	7	1	0	0	0	0	34
16:30	7	3	0	1	0	0	0	11	19	6	1	0	0	0	2	28
16:45	9	2	0	0	0	1	0	12	19	7	1	0	1	0	0	28
H/TOT	38	9	1	7	0	2	0	57	91	20	4	0	1	0	2	118
17:00	19	2	0	0	0	0	0	21	29	3	0	0	0	1	0	33
17:15	10	1	0	2	0	0	0	13	22	1	1	0	0	0	0	24
17:30	4	1	0	0	0	1	0	6	11	2	0	0	0	0	0	13
17:45	3	0	0	1	0	0	0	4	21	1	0	0	1	1	0	24
H/TOT	36	4	0	3	0	1	0	44	83	7	1	0	1	2	0	94
P/TOT	102	17	2	14	0	3	0	138	244	38	9	1	3	4	3	302

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 4

DATE: 21/06/2022

LOCATION: BARROWFIELD ROAD / A635 / B6098

DAY: TUESDAY

TIME	B - A FROM A635 (W) TO BARROWFIELD ROAD								B - D FROM A635 (W) TO A635 (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	10	3	1	2	0	0	0	16	115	50	5	15	1	3	0	189
07:15	20	3	0	1	0	0	0	24	127	45	10	10	2	0	0	194
07:30	23	5	0	0	0	0	0	28	93	42	7	12	0	2	0	156
07:45	37	9	0	2	0	1	0	49	92	37	12	10	1	1	0	153
H/TOT	90	20	1	5	0	1	0	117	427	174	34	47	4	6	0	692
08:00	26	1	0	0	0	0	0	27	97	21	8	14	0	2	0	142
08:15	23	6	1	0	0	0	0	30	68	33	7	18	0	1	0	127
08:30	18	5	0	0	0	0	0	23	82	18	6	28	1	0	0	135
08:45	24	2	1	0	0	0	0	27	52	20	18	20	1	1	0	112
H/TOT	91	14	2	0	0	0	0	107	299	92	39	80	2	4	0	516
P/TOT	181	34	3	5	0	1	0	224	726	266	73	127	6	10	0	1208

TIME	B - A FROM A635 (W) TO BARROWFIELD ROAD								B - D FROM A635 (W) TO A635 (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	13	2	1	1	0	0	0	17	72	27	2	12	0	2	0	115
15:15	17	4	4	0	0	1	0	26	62	23	8	8	0	0	0	101
15:30	18	5	1	2	0	0	0	26	71	19	4	9	0	3	0	106
15:45	15	4	3	1	0	1	0	24	66	29	4	9	0	1	0	109
H/TOT	63	15	9	4	0	2	0	93	271	98	18	38	0	6	0	431
16:00	11	6	1	1	0	0	0	19	58	27	8	9	0	2	0	104
16:15	17	4	0	1	0	0	0	22	76	18	5	7	0	2	0	108
16:30	20	3	0	2	0	0	0	25	89	25	2	10	0	3	0	129
16:45	15	3	0	0	0	0	0	18	75	21	3	9	0	1	0	109
H/TOT	63	16	1	4	0	0	0	84	298	91	18	35	0	8	0	450
17:00	13	5	0	0	0	0	0	18	118	22	1	6	0	3	0	150
17:15	14	3	0	0	0	0	0	17	122	22	2	5	0	2	0	153
17:30	10	4	0	0	0	0	0	14	86	14	3	8	0	1	0	112
17:45	20	4	0	0	0	1	0	25	72	8	4	6	0	1	0	91
H/TOT	57	16	0	0	0	1	0	74	398	66	10	25	0	7	0	506
P/TOT	183	47	10	8	0	3	0	251	967	255	46	98	0	21	0	1387

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 4

DATE: 21/06/2022

LOCATION: BARROWFIELD ROAD / A635 / B6098

DAY: TUESDAY

TIME	C - B FROM B6098 TO A635 (W)								C - A FROM B6098 TO BARROWFIELD ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	3	0	0	1	0	0	0	4	3	0	0	0	0	0	0	3
07:15	6	1	0	0	0	0	0	7	9	2	1	1	0	0	1	14
07:30	3	0	0	0	0	0	0	3	14	4	1	0	0	0	1	20
07:45	6	1	0	0	0	0	0	7	17	4	0	0	0	0	0	21
H/TOT	18	2	0	1	0	0	0	21	43	10	2	1	0	0	2	58
08:00	1	2	0	0	0	0	0	3	28	1	0	0	0	0	0	29
08:15	3	0	0	0	0	0	0	3	24	8	1	0	1	0	0	34
08:30	7	1	0	0	0	0	0	8	33	2	0	0	0	0	0	35
08:45	2	2	0	0	1	0	0	5	36	2	1	0	0	0	1	40
H/TOT	13	5	0	0	1	0	0	19	121	13	2	0	1	0	1	138
P/TOT	31	7	0	1	1	0	0	40	164	23	4	1	1	0	3	196

TIME	C - B FROM B6098 TO A635 (W)								C - A FROM B6098 TO BARROWFIELD ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	0	1	0	0	0	0	0	1	36	0	1	0	1	0	0	38
15:15	8	2	0	0	0	0	0	10	21	1	1	0	1	0	1	25
15:30	5	0	0	0	0	0	0	5	19	3	1	0	0	0	1	24
15:45	7	0	0	0	0	0	0	7	20	5	1	1	0	0	0	27
H/TOT	20	3	0	0	0	0	0	23	96	9	4	1	2	0	2	114
16:00	6	2	1	0	0	0	0	9	16	6	0	0	1	0	1	24
16:15	8	0	0	0	1	0	0	9	10	3	1	0	2	0	0	16
16:30	4	2	0	0	0	0	0	6	16	1	2	0	1	0	0	20
16:45	5	0	0	1	0	0	0	6	16	3	0	0	0	1	0	20
H/TOT	23	4	1	1	1	0	0	30	58	13	3	0	4	1	1	80
17:00	13	0	0	0	0	1	0	14	19	2	1	0	1	1	0	24
17:15	8	0	0	0	0	0	0	8	16	1	1	0	0	0	0	18
17:30	3	0	0	0	0	0	0	3	20	3	0	0	0	0	1	24
17:45	5	0	0	0	0	0	0	5	8	3	1	0	0	0	0	12
H/TOT	29	0	0	0	0	1	0	30	63	9	3	0	1	1	1	78
P/TOT	72	7	1	1	1	1	0	83	217	31	10	1	7	2	4	272

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 4

DATE: 21/06/2022

LOCATION: BARROWFIELD ROAD / A635 / B6098

DAY: TUESDAY

TIME	D - C FROM A635 (E) TO B6098								D - B FROM A635 (E) TO A635 (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	3	0	0	0	0	0	0	3	73	15	6	14	0	1	0	109
07:15	1	2	0	0	0	0	0	3	71	33	10	10	1	4	0	129
07:30	2	0	2	1	0	0	0	5	87	15	7	17	0	1	0	127
07:45	6	0	2	1	0	0	0	9	84	24	10	14	0	0	0	132
H/TOT	12	2	4	2	0	0	0	20	315	87	33	55	1	6	0	497
08:00	5	1	1	0	0	0	0	7	86	17	5	19	0	0	2	129
08:15	4	3	0	0	0	0	0	7	96	27	8	21	0	0	0	152
08:30	6	2	0	0	0	0	0	8	72	16	7	20	0	0	0	115
08:45	7	0	1	0	0	0	0	8	80	16	11	31	0	0	0	138
H/TOT	22	6	2	0	0	0	0	30	334	76	31	91	0	0	2	534
P/TOT	34	8	6	2	0	0	0	50	649	163	64	146	1	6	2	1031

TIME	D - C FROM A635 (E) TO B6098								D - B FROM A635 (E) TO A635 (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	8	1	1	0	0	0	0	10	55	31	6	16	1	0	0	109
15:15	12	3	3	1	0	0	0	19	82	24	12	13	1	2	0	134
15:30	12	4	0	0	0	0	0	16	82	24	7	14	2	1	0	130
15:45	7	6	0	0	0	0	0	13	87	30	10	11	0	0	0	138
H/TOT	39	14	4	1	0	0	0	58	306	109	35	54	4	3	0	511
16:00	5	5	0	0	0	1	0	11	86	33	3	16	0	0	0	138
16:15	14	4	2	0	0	0	0	20	107	36	7	11	1	0	0	162
16:30	11	2	1	0	0	0	0	14	96	37	5	7	0	3	0	148
16:45	8	6	1	0	0	0	0	15	106	29	4	8	0	1	0	148
H/TOT	38	17	4	0	0	1	0	60	395	135	19	42	1	4	0	596
17:00	9	2	0	0	0	0	0	11	94	22	2	15	0	1	0	134
17:15	6	3	0	0	0	0	0	9	117	28	7	6	0	0	0	158
17:30	17	3	0	0	0	0	0	20	99	18	5	11	0	4	0	137
17:45	12	3	1	0	0	0	0	16	92	20	2	4	0	1	0	119
H/TOT	44	11	1	0	0	0	0	56	402	88	16	36	0	6	0	548
P/TOT	121	42	9	1	0	1	0	174	1103	332	70	132	5	13	0	1655

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 4

DATE: 21/06/2022

LOCATION: BARROWFIELD ROAD / A635 / B6098

DAY: TUESDAY

TIME	TO ARM A BARROWFIELD ROAD								FROM ARM A BARROWFIELD ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	14	3	1	2	0	0	0	20	6	6	3	2	1	0	0	18
07:15	33	8	1	2	0	1	1	46	9	1	3	1	0	0	0	14
07:30	41	10	1	1	0	0	1	54	20	9	2	10	2	0	0	43
07:45	67	14	1	2	0	1	0	85	18	6	5	3	0	1	0	33
H/TOT	155	35	4	7	0	2	2	205	53	22	13	16	3	1	0	108
08:00	60	6	0	2	0	0	0	68	46	8	8	3	0	0	0	65
08:15	64	16	2	2	1	0	0	85	43	13	2	2	0	1	1	62
08:30	65	9	0	1	0	0	0	75	35	11	1	2	0	0	0	49
08:45	78	4	3	1	0	0	1	87	24	11	2	2	0	0	1	40
H/TOT	267	35	5	6	1	0	1	315	148	43	13	9	0	1	2	216
P/TOT	422	70	9	13	1	2	3	520	201	65	26	25	3	2	2	324

TIME	TO ARM A BARROWFIELD ROAD								FROM ARM A BARROWFIELD ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	54	4	5	3	1	0	0	67	67	7	0	1	0	1	0	76
15:15	51	6	6	3	1	1	1	69	41	6	3	2	0	1	0	53
15:30	41	9	4	4	0	0	1	59	25	4	4	1	0	1	0	35
15:45	37	11	4	5	0	1	0	58	34	9	1	2	1	1	1	49
H/TOT	183	30	19	15	2	2	2	253	167	26	8	6	1	4	1	213
16:00	29	13	2	3	1	0	1	49	67	9	2	3	0	2	0	83
16:15	30	8	3	1	2	0	0	44	60	15	2	3	0	1	1	82
16:30	41	5	3	3	1	0	0	53	56	14	1	1	0	0	2	74
16:45	34	6	1	1	0	1	0	43	51	14	3	1	1	1	1	72
H/TOT	134	32	9	8	4	1	1	189	234	52	8	8	1	4	4	311
17:00	36	8	1	2	1	1	0	49	95	7	0	0	0	1	0	103
17:15	34	4	1	0	0	0	0	39	57	4	1	2	0	1	0	65
17:30	33	7	1	0	0	0	1	42	33	5	1	0	0	1	0	40
17:45	33	8	1	1	0	1	0	44	34	3	2	1	1	1	0	42
H/TOT	136	27	4	3	1	2	1	174	219	19	4	3	1	4	0	250
P/TOT	453	89	32	26	7	5	4	616	620	97	20	17	3	12	5	774

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 4

DATE: 21/06/2022

LOCATION: BARROWFIELD ROAD / A635 / B6098

DAY: TUESDAY

TIME	TO ARM B A635 (W)								FROM ARM B A635 (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	77	19	8	15	0	1	0	120	127	53	6	17	1	3	0	207
07:15	81	35	10	10	1	4	0	141	149	48	10	11	3	0	0	221
07:30	96	19	9	22	0	1	0	147	118	47	7	12	0	2	0	186
07:45	98	28	11	14	0	0	0	151	140	47	12	12	1	2	0	214
H/TOT	352	101	38	61	1	6	0	559	534	195	35	52	5	7	0	828
08:00	96	21	9	20	0	0	2	148	134	24	9	14	0	2	0	183
08:15	109	35	9	21	0	1	0	175	99	39	8	18	0	2	0	166
08:30	87	23	8	21	0	0	0	139	103	23	6	28	1	0	0	161
08:45	93	23	12	32	1	0	0	161	85	22	19	20	1	1	0	148
H/TOT	385	102	38	94	1	1	2	623	421	108	42	80	2	5	0	658
P/TOT	737	203	76	155	2	7	2	1182	955	303	77	132	7	12	0	1486

TIME	TO ARM B A635 (W)								FROM ARM B A635 (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	81	37	6	16	1	1	0	142	88	29	3	13	0	2	0	135
15:15	105	28	13	13	1	3	0	163	84	27	12	8	0	1	0	132
15:30	100	24	9	15	2	1	0	151	98	24	5	11	0	3	0	141
15:45	109	34	10	11	0	0	0	164	88	34	7	10	0	2	0	141
H/TOT	395	123	38	55	4	5	0	620	358	114	27	42	0	8	0	549
16:00	122	41	4	16	0	1	0	184	71	33	9	10	0	2	0	125
16:15	137	43	8	11	2	1	1	203	95	22	5	8	0	2	0	132
16:30	130	44	5	7	0	3	0	189	114	28	2	12	0	3	0	159
16:45	134	34	6	10	0	1	1	186	99	26	3	9	0	1	0	138
H/TOT	523	162	23	44	2	6	2	762	379	109	19	39	0	8	0	554
17:00	154	24	2	15	0	2	0	197	134	27	1	6	0	3	0	171
17:15	150	30	7	6	0	1	0	194	144	26	2	5	1	2	0	180
17:30	120	20	6	11	0	4	0	161	102	18	3	8	0	1	0	132
17:45	107	22	4	4	0	1	0	138	95	12	4	6	0	2	0	119
H/TOT	531	96	19	36	0	8	0	690	475	83	10	25	1	8	0	602
P/TOT	1449	381	80	135	6	19	2	2072	1212	306	56	106	1	24	0	1705

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 4

DATE: 21/06/2022

LOCATION: BARROWFIELD ROAD / A635 / B6098

DAY: TUESDAY

TIME	TO ARM C B6098								FROM ARM C B6098							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	9	2	0	0	1	0	0	12	26	14	1	1	0	0	0	42
07:15	7	2	2	0	1	0	0	12	31	9	2	2	0	0	1	45
07:30	16	4	2	1	2	0	0	25	32	8	4	0	0	1	1	46
07:45	25	4	4	1	0	1	0	35	46	8	0	0	0	0	0	54
H/TOT	57	12	8	2	4	1	0	84	135	39	7	3	0	1	2	187
08:00	48	8	4	0	0	0	0	60	50	10	2	0	0	1	0	63
08:15	34	6	0	0	0	1	1	42	48	14	2	0	1	1	0	66
08:30	30	3	0	0	0	0	0	33	66	11	2	2	0	1	0	82
08:45	27	5	2	0	0	0	1	35	47	8	1	0	1	0	1	58
H/TOT	139	22	6	0	0	1	2	170	211	43	7	2	2	3	1	269
P/TOT	196	34	14	2	4	2	2	254	346	82	14	5	2	4	3	456

TIME	TO ARM C B6098								FROM ARM C B6098							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	38	2	1	0	0	0	0	41	47	3	2	0	1	0	0	53
15:15	36	7	5	2	0	0	0	50	42	6	1	1	1	0	1	52
15:30	31	6	2	0	0	1	0	40	39	3	2	0	0	0	1	45
15:45	28	11	0	0	1	1	1	42	35	10	1	1	0	0	0	47
H/TOT	133	26	8	2	1	2	1	173	163	22	6	2	2	0	2	197
16:00	34	5	1	0	0	1	0	41	34	12	2	0	1	0	1	50
16:15	42	11	3	0	0	0	0	56	28	3	2	0	3	2	0	38
16:30	35	8	2	0	0	0	2	47	42	7	2	0	1	0	0	52
16:45	36	15	2	0	1	0	0	54	35	6	2	2	0	1	0	46
H/TOT	147	39	8	0	1	1	2	198	139	28	8	2	5	3	1	186
17:00	41	5	0	0	0	1	0	47	53	4	1	0	1	2	0	61
17:15	36	5	1	0	1	0	0	43	34	4	1	0	0	0	0	39
17:30	34	5	0	0	0	0	0	39	32	6	0	0	0	0	1	39
17:45	36	4	1	0	1	1	0	43	27	6	1	0	0	0	0	34
H/TOT	147	19	2	0	2	2	0	172	146	20	3	0	1	2	1	173
P/TOT	427	84	18	2	4	5	3	543	448	70	17	4	8	5	4	556

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 4

DATE: 21/06/2022

LOCATION: BARROWFIELD ROAD / A635 / B6098

DAY: TUESDAY

TIME	TO ARM D A635 (E)								FROM ARM D A635 (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	136	64	7	17	1	3	0	228	77	15	6	14	0	1	0	113
07:15	144	51	12	12	2	0	0	221	76	38	10	10	1	5	0	140
07:30	110	47	10	17	0	3	0	187	93	16	9	19	0	1	0	138
07:45	117	40	14	13	1	1	0	186	103	25	13	15	0	0	0	156
H/TOT	507	202	43	59	4	7	0	822	349	94	38	58	1	7	0	547
08:00	123	29	12	16	0	3	0	183	97	22	6	21	0	0	2	148
08:15	100	41	9	20	0	2	0	172	117	32	8	23	0	0	0	180
08:30	114	30	8	31	1	1	0	185	92	20	7	21	0	0	0	140
08:45	63	25	18	21	1	1	0	129	105	16	13	32	0	0	0	166
H/TOT	400	125	47	88	2	7	0	669	411	90	34	97	0	0	2	634
P/TOT	907	327	90	147	6	14	0	1491	760	184	72	155	1	7	2	1181

TIME	TO ARM D A635 (E)								FROM ARM D A635 (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	97	30	3	13	0	2	0	145	68	34	10	18	1	0	0	131
15:15	82	26	8	10	0	0	0	126	107	28	16	17	1	2	0	171
15:30	88	21	5	9	0	3	0	126	98	29	9	16	2	1	0	155
15:45	79	35	5	11	0	1	0	131	96	38	10	14	0	0	0	158
H/TOT	346	112	21	43	0	6	0	528	369	129	45	65	4	3	0	615
16:00	80	34	10	12	0	3	0	139	93	39	4	18	0	1	0	155
16:15	98	19	6	10	0	4	0	137	124	41	11	11	1	0	0	188
16:30	118	32	2	11	0	3	0	166	112	40	7	8	0	3	0	170
16:45	98	26	5	10	0	2	0	141	117	35	6	9	0	1	0	168
H/TOT	394	111	23	43	0	12	0	583	446	155	28	46	1	5	0	681
17:00	158	26	1	6	0	3	0	194	107	25	2	17	0	1	0	152
17:15	142	26	2	7	0	2	0	179	127	31	7	6	0	0	0	171
17:30	99	18	3	8	0	2	0	130	119	21	6	11	0	4	0	161
17:45	89	11	4	7	0	1	0	112	109	24	3	5	0	1	0	142
H/TOT	488	81	10	28	0	8	0	615	462	101	18	39	0	6	0	626
P/TOT	1228	304	54	114	0	26	0	1726	1277	385	91	150	5	14	0	1922

MANUAL CLASSIFIED COUNTS

JOB REF: 27267
 JOB NAME: GOLDTHORPE
 SITE: 5
 LOCATION: RED HILL LANE / A635 / HICKLESTONE ROAD



MANUAL CLASSIFIED COUNTS

JOB REF: 27267
 JOB NAME: GOLDTHORPE
 DATE: 21/06/2022
 DAY: TUESDAY
 SITE: 5
 LOCATION: RED HILL LANE / A635 / HICKLESTONE ROAD

TIME	A - D FROM RED HILL LANE TO A635 (E)							
	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	0	1	0	0	0	0	0	1
07:45	1	1	0	0	0	0	0	2
H/TOT	3	2	0	0	0	0	0	5
08:00	2	0	1	0	0	0	0	3
08:15	0	0	0	1	0	0	0	1
08:30	1	0	0	0	0	0	0	1
08:45	0	0	1	0	0	0	0	1
H/TOT	3	0	2	1	0	0	0	6
P/TOT	6	2	2	1	0	0	0	11

TIME	A - C FROM RED HILL LANE TO HICKLESTONE ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	1	0	1	0	0	1	0	3
07:15	2	2	0	0	0	0	0	4
07:30	4	2	0	0	0	0	0	6
07:45	3	0	0	0	0	0	0	3
H/TOT	10	4	1	0	0	1	0	16
08:00	4	1	0	0	0	0	0	5
08:15	5	0	1	0	0	0	0	6
08:30	1	1	1	0	0	0	0	3
08:45	4	0	0	0	0	0	0	4
H/TOT	14	2	2	0	0	0	0	18
P/TOT	24	6	3	0	0	1	0	34

TIME	A - B FROM RED HILL LANE TO A635				
	CAR	LGV	OGV1	OGV2	PSV
07:00	7	0	0	0	0
07:15	8	6	1	0	0
07:30	7	1	0	0	0
07:45	18	2	3	2	0
H/TOT	40	9	4	2	0
08:00	26	4	1	1	0
08:15	21	4	2	1	0
08:30	18	6	1	0	0
08:45	5	1	3	1	0
H/TOT	70	15	7	3	0
P/TOT	110	24	11	5	0

TIME	A - D FROM RED HILL LANE TO A635 (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	1	0	0	0	0	0	0	1
15:15	1	0	1	0	0	0	0	2
15:30	3	0	0	0	0	0	0	3
15:45	0	0	0	0	0	0	0	0
H/TOT	5	0	1	0	0	0	0	6
16:00	0	0	1	0	0	0	0	1
16:15	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0
16:45	1	1	0	0	0	0	0	2
H/TOT	1	1	1	0	0	0	0	3
17:00	2	0	0	0	0	0	0	2
17:15	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0
17:45	1	0	0	0	0	0	0	1
H/TOT	3	0	0	0	0	0	0	3
P/TOT	9	1	2	0	0	0	0	12

TIME	A - C FROM RED HILL LANE TO HICKLESTONE ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	4	2	0	0	0	0	0	6
15:15	4	1	0	0	0	0	0	5
15:30	3	0	0	0	0	0	1	4
15:45	4	1	0	0	0	0	0	5
H/TOT	15	4	0	0	0	0	1	20
16:00	2	1	0	0	0	0	0	3
16:15	1	1	0	0	0	0	0	2
16:30	7	2	0	0	0	0	0	9
16:45	9	4	0	0	0	1	1	15
H/TOT	19	8	0	0	0	1	1	29
17:00	6	2	0	0	0	0	2	10
17:15	5	2	1	0	0	0	0	8
17:30	2	0	0	0	0	1	1	4
17:45	6	1	0	0	0	0	0	7
H/TOT	19	5	1	0	0	1	3	29
P/TOT	53	17	1	0	0	2	5	78

TIME	A - B FROM RED HILL LANE TO A635				
	CAR	LGV	OGV1	OGV2	PSV
15:00	6	2	1	0	0
15:15	11	4	2	0	1
15:30	9	5	1	0	0
15:45	17	12	1	1	0
H/TOT	43	23	5	1	1
16:00	21	2	1	0	0
16:15	13	7	0	0	0
16:30	15	6	0	0	0
16:45	12	6	0	0	0
H/TOT	61	21	1	0	0
17:00	18	1	0	0	0
17:15	20	6	0	0	0
17:30	8	4	0	0	0
17:45	18	4	1	0	0
H/TOT	64	15	1	0	0
P/TOT	168	59	7	1	1



MANUAL CLASSIFIED COUNTS

JOB REF: 27267

JOB NAME: GOLDTHORPE

DATE: 21/06/2022

SITE: 5

DAY: TUESDAY

LOCATION: RED HILL LANE / A635 / HICKLESTONE ROAD

			B - A FROM A635 (W) TO RED HILL LANE							TIME	B - D FROM A635 (W) TO A635 (E)							B - C FROM A635 (W) TO A635 (E)					
MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL		TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2
0	0	7	29	9	1	1	0	0	0	40	07:00	166	69	11	18	0	2	1	267	5	1	1	0
0	0	15	34	15	3	1	1	0	1	55	07:15	158	49	10	11	1	1	0	230	7	1	0	0
0	0	8	40	11	2	0	0	0	0	53	07:30	119	59	10	19	1	3	0	211	8	3	1	0
0	0	25	40	9	2	0	0	0	0	51	07:45	130	38	13	19	2	1	0	203	2	4	0	0
0	0	55	143	44	8	2	1	0	1	199	H/TOT	573	215	44	67	4	7	1	911	22	9	2	0
0	0	32	28	10	2	1	0	0	0	41	08:00	111	34	11	15	0	1	0	172	6	2	1	0
0	0	28	22	10	1	0	0	0	0	33	08:15	119	35	9	19	1	3	0	186	16	3	0	0
0	0	25	30	11	0	1	0	0	0	42	08:30	97	34	14	30	1	2	0	178	7	0	0	0
0	0	10	20	7	1	0	0	1	0	29	08:45	71	21	12	23	1	0	0	128	5	4	0	0
0	0	95	100	38	4	2	0	1	0	145	H/TOT	398	124	46	87	3	6	0	664	34	9	1	0
0	0	150	243	82	12	4	1	1	1	344	P/TOT	971	339	90	154	7	13	1	1575	56	18	3	0

			B - A FROM A635 (W) TO RED HILL LANE							TIME	B - D FROM A635 (W) TO A635 (E)							B - C FROM A635 (W) TO A635 (E)					
MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL		TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2
0	0	9	15	6	1	1	0	0	0	23	15:00	98	29	7	13	1	2	0	150	18	2	0	0
0	0	18	19	4	2	0	0	1	0	26	15:15	85	21	5	12	1	0	0	124	10	4	0	0
0	0	15	18	9	0	0	0	1	0	28	15:30	86	24	8	5	1	3	0	127	6	7	0	0
0	0	31	17	5	1	0	0	1	0	24	15:45	92	25	5	16	0	0	0	138	8	4	0	0
0	0	73	69	24	4	1	0	3	0	101	H/TOT	361	99	25	46	3	5	0	539	42	17	0	0
0	0	24	22	9	1	0	0	0	0	32	16:00	72	29	8	10	1	0	0	120	7	3	0	0
0	0	20	20	10	1	0	0	3	0	34	16:15	112	26	2	14	0	2	0	156	10	4	2	0
0	0	21	29	3	1	0	0	0	0	33	16:30	107	26	5	9	1	3	0	151	11	5	1	0
0	0	18	30	4	1	0	0	0	0	35	16:45	101	23	2	11	0	1	0	138	10	4	1	0
0	0	83	101	26	4	0	0	3	0	134	H/TOT	392	104	17	44	2	6	0	565	38	16	4	0
0	0	19	35	5	1	0	0	0	0	41	17:00	139	25	3	4	1	0	0	172	18	1	0	0
0	0	26	33	5	1	0	0	0	0	39	17:15	133	27	3	9	0	4	0	176	15	7	0	0
1	0	13	33	2	1	0	0	0	0	36	17:30	107	27	2	8	1	1	0	146	11	1	0	0
0	0	23	19	3	0	0	0	0	0	22	17:45	84	9	4	6	0	1	0	104	5	0	0	0
1	0	81	120	15	3	0	0	0	0	138	H/TOT	463	88	12	27	2	6	0	598	49	9	0	0
1	0	237	290	65	11	1	0	6	0	373	P/TOT	1216	291	54	117	7	17	0	1702	129	42	4	0



MANUAL CLASSIFIED COUNTS

JOB REF: 27267

JOB NAME: GOLDTHORPE

DATE: 21/06/2022

SITE: 5

DAY: TUESDAY

LOCATION: RED HILL LANE / A635 / HICKLESTONE ROAD



DATE: 21/06/2022

DAY: TUESDAY

C HICKLESTONE ROAD				TIME	C - B FROM HICKLESTONE ROAD TO A635 (W)							
PSV	MCL	PCL	TOT		CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
0	0	0	7	07:00	7	2	0	0	0	0	0	9
0	0	0	8	07:15	5	1	0	0	0	0	0	6
0	0	0	12	07:30	7	5	0	0	0	0	0	12
0	0	0	6	07:45	12	2	0	0	0	0	0	14
0	0	0	33	H/TOT	31	10	0	0	0	0	0	41
0	0	0	9	08:00	11	1	0	0	0	0	1	13
0	0	0	19	08:15	11	0	0	0	0	0	0	11
0	0	0	7	08:30	9	1	0	0	0	0	0	10
0	0	0	9	08:45	13	0	0	0	0	0	0	13
0	0	0	44	H/TOT	44	2	0	0	0	0	1	47
0	0	0	77	P/TOT	75	12	0	0	0	0	1	88

C - A FROM HICKLESTONE ROAD TO RED HILL LANE							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
5	2	0	1	0	0	0	8
3	2	1	0	0	2	0	8
7	2	1	0	0	0	0	10
5	0	0	0	0	1	0	6
20	6	2	1	0	3	0	32
3	1	0	0	0	0	1	5
8	1	0	0	0	0	0	9
5	0	0	0	0	0	0	5
10	1	0	0	0	0	0	11
26	3	0	0	0	0	1	30
46	9	2	1	0	3	1	62

C HICKLESTONE ROAD				TIME	C - B FROM HICKLESTONE ROAD TO A635 (W)							
PSV	MCL	PCL	TOT		CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
0	0	0	20	15:00	9	3	0	0	0	0	0	12
0	0	0	14	15:15	17	5	1	0	0	1	0	24
0	0	0	13	15:30	12	2	0	0	0	0	0	14
0	0	0	12	15:45	10	2	1	0	0	0	0	13
0	0	0	59	H/TOT	48	12	2	0	0	1	0	63
0	0	0	10	16:00	10	5	0	0	0	0	0	15
0	0	0	16	16:15	10	6	0	0	0	0	0	16
0	0	1	18	16:30	7	4	1	0	0	0	0	12
0	0	0	15	16:45	11	2	0	0	0	0	0	13
0	0	1	59	H/TOT	38	17	1	0	0	0	0	56
0	2	0	21	17:00	9	0	0	0	0	0	0	9
0	0	0	22	17:15	9	4	0	0	0	0	0	13
0	0	0	12	17:30	11	2	0	0	0	0	0	13
0	0	0	5	17:45	7	1	0	0	0	0	2	10
0	2	0	60	H/TOT	36	7	0	0	0	0	2	45
0	2	1	178	P/TOT	122	36	3	0	0	1	2	164

C - A FROM HICKLESTONE ROAD TO RED HILL LANE							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
4	1	0	0	0	0	0	5
2	2	0	0	0	1	0	5
9	2	1	0	0	0	0	12
4	0	1	0	0	0	0	5
19	5	2	0	0	1	0	27
4	0	0	0	0	1	0	5
2	1	0	0	0	0	1	4
3	1	2	0	0	0	1	7
6	2	0	0	0	0	0	8
15	4	2	0	0	1	2	24
5	3	0	0	0	0	0	8
4	1	0	0	0	0	0	5
10	0	0	0	0	0	0	10
4	3	0	0	0	1	1	9
23	7	0	0	0	1	1	32
57	16	4	0	0	3	3	83

MANUAL CLASSIFIED COUNTS

JOB REF: 27267
 JOB NAME: GOLDTHORPE
 SITE: 5
 LOCATION: RED HILL LANE / A635 / HICKLESTONE ROAD



MANUAL CLASSIFIED COUNTS

JOB REF: 27267
 JOB NAME: GOLDTHORPE
 DATE: 21/06/2022
 DAY: TUESDAY
 SITE: 5
 LOCATION: RED HILL LANE / A635 / HICKLESTONE ROAD

TIME	C - D FROM HICKLESTONE ROAD TO A635 (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	0	1	0	0	0	0	1
07:15	0	0	0	0	0	0	0	0
07:30	2	0	0	0	0	0	0	2
07:45	1	0	0	0	0	0	0	1
H/TOT	3	0	1	0	0	0	0	4
08:00	1	1	0	0	0	0	0	2
08:15	1	0	0	0	0	0	0	1
08:30	0	0	1	0	0	0	0	1
08:45	0	1	0	0	0	0	0	1
H/TOT	2	2	1	0	0	0	0	5
P/TOT	5	2	2	0	0	0	0	9

TIME	D - C FROM A635 (E) TO HICKLESTONE ROAD							
	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	1	0	0	0	0	0	0	1
07:45	3	1	0	0	0	0	0	4
H/TOT	6	1	0	0	0	0	0	7
08:00	1	2	0	0	0	0	0	3
08:15	1	2	0	0	0	0	0	3
08:30	2	1	0	0	0	0	0	3
08:45	2	0	0	0	0	0	0	2
H/TOT	6	5	0	0	0	0	0	11
P/TOT	12	6	0	0	0	0	0	18

TIME	D - B FROM A635 (E) TO A635 (W)				
	CAR	LGV	OGV1	OGV2	PSV
07:00	67	17	6	20	0
07:15	81	42	10	12	1
07:30	107	22	12	20	2
07:45	108	38	13	18	0
H/TOT	363	119	41	70	3
08:00	103	25	7	20	0
08:15	127	30	8	21	1
08:30	91	26	5	23	0
08:45	96	29	10	28	1
H/TOT	417	110	30	92	2
P/TOT	780	229	71	162	5

TIME	C - D FROM HICKLESTONE ROAD TO A635 (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	4	2	0	0	0	0	0	6
15:15	0	1	0	0	0	0	0	1
15:30	0	1	0	0	0	1	0	2
15:45	0	0	0	0	0	0	0	0
H/TOT	4	4	0	0	0	1	0	9
16:00	5	1	0	0	0	0	0	6
16:15	2	0	0	0	0	0	0	2
16:30	2	1	1	0	0	0	0	4
16:45	0	1	0	0	0	0	0	1
H/TOT	9	3	1	0	0	0	0	13
17:00	4	0	0	0	0	0	0	4
17:15	2	0	0	0	0	0	0	2
17:30	2	0	0	0	0	0	0	2
17:45	2	3	0	0	0	0	0	5
H/TOT	10	3	0	0	0	0	0	13
P/TOT	23	10	1	0	0	1	0	35

TIME	D - C FROM A635 (E) TO HICKLESTONE ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	2	1	0	0	0	0	0	3
15:15	3	1	0	0	0	0	0	4
15:30	4	0	0	0	0	0	0	4
15:45	3	1	1	0	0	0	0	5
H/TOT	12	3	1	0	0	0	0	16
16:00	0	1	0	0	0	0	0	1
16:15	1	0	0	1	0	0	0	2
16:30	2	0	0	0	0	0	0	2
16:45	5	1	0	0	0	0	0	6
H/TOT	8	2	0	1	0	0	0	11
17:00	1	2	0	0	0	0	0	3
17:15	5	1	0	0	0	0	0	6
17:30	2	1	0	0	0	0	0	3
17:45	0	1	0	0	0	0	0	1
H/TOT	8	5	0	0	0	0	0	13
P/TOT	28	10	1	1	0	0	0	40

TIME	D - B FROM A635 (E) TO A635 (W)				
	CAR	LGV	OGV1	OGV2	PSV
15:00	99	45	13	18	1
15:15	115	45	11	16	0
15:30	118	41	13	19	2
15:45	119	37	9	13	1
H/TOT	451	168	46	66	4
16:00	134	58	7	17	0
16:15	142	49	14	11	1
16:30	165	52	8	9	0
16:45	147	43	4	8	1
H/TOT	588	202	33	45	2
17:00	144	36	6	17	0
17:15	161	40	8	8	1
17:30	154	29	4	8	1
17:45	138	37	4	9	0
H/TOT	597	142	22	42	2
P/TOT	1636	512	101	153	8



DATE: 21/06/2022

DAY: TUESDAY

j)			D - A FROM A635 (E) TO RED HILL LANE								
MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	
1	0	111	0	0	0	0	0	0	0	0	
5	0	151	0	0	0	0	0	0	0	0	
1	0	164	2	0	0	1	0	0	0	3	
0	1	178	0	0	0	0	0	0	0	0	
7	1	604	2	0	0	1	0	0	0	3	
0	0	155	0	0	0	0	0	0	0	0	
0	0	187	0	0	0	0	0	0	0	0	
0	0	145	1	0	0	0	0	0	0	1	
0	0	164	1	0	0	0	0	0	0	1	
0	0	651	2	0	0	0	0	0	0	2	
7	1	1255	4	0	0	1	0	0	0	5	

j)			D - A FROM A635 (E) TO RED HILL LANE								
MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	
0	0	176	1	0	0	0	0	0	0	1	
1	0	188	1	0	0	0	0	0	0	1	
1	0	194	0	1	0	0	0	0	0	1	
0	0	179	0	0	0	0	0	0	0	0	
2	0	737	2	1	0	0	0	0	0	3	
0	0	216	0	0	0	0	0	0	0	0	
0	0	217	0	0	0	0	0	0	0	0	
4	0	238	0	0	1	0	0	0	0	1	
0	0	203	1	0	0	0	0	0	0	1	
4	0	874	1	0	1	0	0	0	0	2	
1	0	204	0	0	0	0	0	0	0	0	
0	0	218	1	0	0	0	0	0	0	1	
3	0	199	0	0	0	0	0	0	0	0	
1	0	189	0	0	0	0	0	0	0	0	
5	0	810	1	0	0	0	0	0	0	1	
11	0	2421	4	1	1	0	0	0	0	6	

MANUAL CLASSIFIED COUNTS

JOB REF: 27267
 JOB NAME: GOLDTHORPE
 SITE: 5
 LOCATION: RED HILL LANE / A635 / HICKLESTONE ROAD



MANUAL CLASSIFIED COUNTS

JOB REF: 27267
 JOB NAME: GOLDTHORPE
 DATE: 21/06/2022
 DAY: TUESDAY
 SITE: 5
 LOCATION: RED HILL LANE / A635 / HICKLESTONE ROAD

TIME	TO ARM A RED HILL LANE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	34	11	1	2	0	0	0	48
07:15	37	17	4	1	1	2	1	63
07:30	49	13	3	1	0	0	0	66
07:45	45	9	2	0	0	1	0	57
H/TOT	165	50	10	4	1	3	1	234
08:00	31	11	2	1	0	0	1	46
08:15	30	11	1	0	0	0	0	42
08:30	36	11	0	1	0	0	0	48
08:45	31	8	1	0	0	1	0	41
H/TOT	128	41	4	2	0	1	1	177
P/TOT	293	91	14	6	1	4	2	411

TIME	FROM ARM A RED HILL LANE								TIME	TO ARM B A635 (W)				
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT		CAR	LGV	OGV1	OGV2	PSV
07:00	9	0	1	0	0	1	0	11	07:00	81	19	6	20	0
07:15	11	8	1	0	0	0	0	20	07:15	94	49	11	12	1
07:30	11	4	0	0	0	0	0	15	07:30	121	28	12	20	2
07:45	22	3	3	2	0	0	0	30	07:45	138	42	16	20	0
H/TOT	53	15	5	2	0	1	0	76	H/TOT	434	138	45	72	3
08:00	32	5	2	1	0	0	0	40	08:00	140	30	8	21	0
08:15	26	4	3	2	0	0	0	35	08:15	159	34	10	22	1
08:30	20	7	2	0	0	0	0	29	08:30	118	33	6	23	0
08:45	9	1	4	1	0	0	0	15	08:45	114	30	13	29	1
H/TOT	87	17	11	4	0	0	0	119	H/TOT	531	127	37	95	2
P/TOT	140	32	16	6	0	1	0	195	P/TOT	965	265	82	167	5

TIME	TO ARM A RED HILL LANE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	20	7	1	1	0	0	0	29
15:15	22	6	2	0	0	2	0	32
15:30	27	12	1	0	0	1	0	41
15:45	21	5	2	0	0	1	0	29
H/TOT	90	30	6	1	0	4	0	131
16:00	26	9	1	0	0	1	0	37
16:15	22	11	1	0	0	3	1	38
16:30	32	4	4	0	0	0	1	41
16:45	37	6	1	0	0	0	0	44
H/TOT	117	30	7	0	0	4	2	160
17:00	40	8	1	0	0	0	0	49
17:15	38	6	1	0	0	0	0	45
17:30	43	2	1	0	0	0	0	46
17:45	23	6	0	0	0	1	1	31
H/TOT	144	22	3	0	0	1	1	171
P/TOT	351	82	16	1	0	9	3	462

TIME	FROM ARM A RED HILL LANE								TIME	TO ARM B A635 (W)				
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT		CAR	LGV	OGV1	OGV2	PSV
15:00	11	4	1	0	0	0	0	16	15:00	114	50	14	18	1
15:15	16	5	3	0	1	0	0	25	15:15	143	54	14	16	1
15:30	15	5	1	0	0	0	1	22	15:30	139	48	14	19	2
15:45	21	13	1	1	0	0	0	36	15:45	146	51	11	14	1
H/TOT	63	27	6	1	1	0	1	99	H/TOT	542	203	53	67	5
16:00	23	3	2	0	0	0	0	28	16:00	165	65	8	17	0
16:15	14	8	0	0	0	0	0	22	16:15	165	62	14	11	1
16:30	22	8	0	0	0	0	0	30	16:30	187	62	9	9	0
16:45	22	11	0	0	0	1	1	35	16:45	170	51	4	8	1
H/TOT	81	30	2	0	0	1	1	115	H/TOT	687	240	35	45	2
17:00	26	3	0	0	0	0	2	31	17:00	171	37	6	17	0
17:15	25	8	1	0	0	0	0	34	17:15	190	50	8	8	1
17:30	10	4	0	0	0	2	1	17	17:30	173	35	4	8	1
17:45	25	5	1	0	0	0	0	31	17:45	163	42	5	9	0
H/TOT	86	20	2	0	0	2	3	113	H/TOT	697	164	23	42	2
P/TOT	230	77	10	1	1	3	5	327	P/TOT	1926	607	111	154	9



MANUAL CLASSIFIED COUNTS

JOB REF: 27267

JOB NAME: GOLDTHORPE

DATE: 21/06/2022

SITE: 5

DAY: TUESDAY

LOCATION: RED HILL LANE / A635 / HICKLESTONE ROAD

			FROM ARM B A635 (W)							TIME	TO ARM C HICKLESTONE ROAD							FROM HICKLETO					
MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL		TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2
1	0	127	200	79	13	19	0	2	1	314	07:00	7	1	2	0	0	1	0	11	12	4	1	1
5	0	172	199	65	13	12	2	1	1	293	07:15	10	3	0	0	0	0	0	13	8	3	1	0
1	0	184	167	73	13	19	1	3	0	276	07:30	13	5	1	0	0	0	0	19	16	7	1	0
0	1	217	172	51	15	19	2	1	0	260	07:45	8	5	0	0	0	0	0	13	18	2	0	0
7	1	700	738	268	54	69	5	7	2	1143	H/TOT	38	14	3	0	0	1	0	56	54	16	3	1
0	1	200	145	46	14	16	0	1	0	222	08:00	11	5	1	0	0	0	0	17	15	3	0	0
0	0	226	157	48	10	19	1	3	0	238	08:15	22	5	1	0	0	0	0	28	20	1	0	0
0	0	180	134	45	14	31	1	2	0	227	08:30	10	2	1	0	0	0	0	13	14	1	1	0
0	0	187	96	32	13	23	1	1	0	166	08:45	11	4	0	0	0	0	0	15	23	2	0	0
0	1	793	532	171	51	89	3	7	0	853	H/TOT	54	16	3	0	0	0	0	73	72	7	1	0
7	2	1493	1270	439	105	158	8	14	2	1996	P/TOT	92	30	6	0	0	1	0	129	126	23	4	1
			FROM ARM B A635 (W)							TIME	TO ARM C HICKLESTONE ROAD							FROM HICKLETO					
MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL		TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2
0	0	197	131	37	8	14	1	2	0	193	15:00	24	5	0	0	0	0	0	29	17	6	0	0
2	0	230	114	29	7	12	1	1	0	164	15:15	17	6	0	0	0	0	0	23	19	8	1	0
1	0	223	110	40	8	5	1	4	0	168	15:30	13	7	0	0	0	0	1	21	21	5	1	0
0	0	223	117	34	6	16	0	1	0	174	15:45	15	6	1	0	0	0	0	22	14	2	2	0
3	0	873	472	140	29	47	3	8	0	699	H/TOT	69	24	1	0	0	0	1	95	71	21	4	0
0	0	255	101	41	9	10	1	0	0	162	16:00	9	5	0	0	0	0	0	14	19	6	0	0
0	0	253	142	40	5	14	0	5	0	206	16:15	12	5	2	1	0	0	0	20	14	7	0	0
4	0	271	147	34	7	9	1	3	1	202	16:30	20	7	1	0	0	0	1	29	12	6	4	0
0	0	234	141	31	4	11	0	1	0	188	16:45	24	9	1	0	0	1	1	36	17	5	0	0
4	0	1013	531	146	25	44	2	9	1	758	H/TOT	65	26	4	1	0	1	2	99	62	24	4	0
1	0	232	192	31	4	4	1	2	0	234	17:00	25	5	0	0	0	2	2	34	18	3	0	0
0	0	257	181	39	4	9	0	4	0	237	17:15	25	10	1	0	0	0	0	36	15	5	0	0
4	0	225	151	30	3	8	1	1	0	194	17:30	15	2	0	0	0	1	1	19	23	2	0	0
1	2	222	108	12	4	6	0	1	0	131	17:45	11	2	0	0	0	0	0	13	13	7	0	0
6	2	936	632	112	15	27	2	8	0	796	H/TOT	76	19	1	0	0	3	3	102	69	17	0	0
13	2	2822	1635	398	69	118	7	25	1	2253	P/TOT	210	69	6	1	0	4	6	296	202	62	8	0



MANUAL CLASSIFIED COUNTS

JOB REF: 27267

JOB NAME: GOLDTHORPE

DATE: 21/06/2022

SITE: 5

DAY: TUESDAY

LOCATION: RED HILL LANE / A635 / HICKLESTONE ROAD



DATE: 21/06/2022

DAY: TUESDAY

ARM C NE ROAD					TIME	TO ARM D A635 (E)								FROM ARM D A635 (E)							
PSV	MCL	PCL	TOT	CAR		LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	
0	0	0	18	07:00	167	69	12	18	0	2	1	269	68	17	6	20	0	1	0	112	
0	2	0	14	07:15	159	49	10	11	1	1	0	231	82	42	10	12	1	5	0	152	
0	0	0	24	07:30	121	60	10	19	1	3	0	214	110	22	12	21	2	1	0	168	
0	1	0	21	07:45	132	39	13	19	2	1	0	206	111	39	13	18	0	0	1	182	
0	3	0	77	H/TOT	579	217	45	67	4	7	1	920	371	120	41	71	3	7	1	614	
0	0	2	20	08:00	114	35	12	15	0	1	0	177	104	27	7	20	0	0	0	158	
0	0	0	21	08:15	120	35	9	20	1	3	0	188	128	32	8	21	1	0	0	190	
0	0	0	16	08:30	98	34	15	30	1	2	0	180	94	27	5	23	0	0	0	149	
0	0	0	25	08:45	71	22	13	23	1	0	0	130	99	29	10	28	1	0	0	167	
0	0	2	82	H/TOT	403	126	49	88	3	6	0	675	425	115	30	92	2	0	0	664	
0	3	2	159	P/TOT	982	343	94	155	7	13	1	1595	796	235	71	163	5	7	1	1278	
ARM C NE ROAD					TIME	TO ARM D A635 (E)								FROM ARM D A635 (E)							
PSV	MCL	PCL	TOT	CAR		LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	
0	0	0	23	15:00	103	31	7	13	1	2	0	157	102	46	13	18	1	0	0	180	
0	2	0	30	15:15	86	22	6	12	1	0	0	127	119	46	11	16	0	1	0	193	
0	1	0	28	15:30	89	25	8	5	1	4	0	132	122	42	13	19	2	1	0	199	
0	0	0	18	15:45	92	25	5	16	0	0	0	138	122	38	10	13	1	0	0	184	
0	3	0	99	H/TOT	370	103	26	46	3	6	0	554	465	172	47	66	4	2	0	756	
0	1	0	26	16:00	77	30	9	10	1	0	0	127	134	59	7	17	0	0	0	217	
0	0	1	22	16:15	114	26	2	14	0	2	0	158	143	49	14	12	1	0	0	219	
0	0	1	23	16:30	109	27	6	9	1	3	0	155	167	52	9	9	0	4	0	241	
0	0	0	22	16:45	102	25	2	11	0	1	0	141	153	44	4	8	1	0	0	210	
0	1	2	93	H/TOT	402	108	19	44	2	6	0	581	597	204	34	46	2	4	0	887	
0	0	0	21	17:00	145	25	3	4	1	0	0	178	145	38	6	17	0	1	0	207	
0	0	0	20	17:15	135	27	3	9	0	4	0	178	167	41	8	8	1	0	0	225	
0	0	0	25	17:30	109	27	2	8	1	1	0	148	156	30	4	8	1	3	0	202	
0	1	3	24	17:45	87	12	4	6	0	1	0	110	138	38	4	9	0	1	0	190	
0	1	3	90	H/TOT	476	91	12	27	2	6	0	614	606	147	22	42	2	5	0	824	
0	5	5	282	P/TOT	1248	302	57	117	7	18	0	1749	1668	523	103	154	8	11	0	2467	

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 6

DATE: 21/06/2022

LOCATION: BARNSELY ROAD / BLACKSMITHS LANE

DAY: TUESDAY

TIME	A - C FROM BARNSELY ROAD (W) TO BARNSELY ROAD (E)								A - B FROM BARNSELY ROAD (W) TO BLACKSMITHS LANE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	165	63	10	20	0	2	0	260	0	0	0	0	0	0	0	0
07:15	173	45	9	10	1	2	0	240	1	0	0	0	0	0	0	1
07:30	128	52	11	14	1	3	0	209	1	1	0	1	0	0	0	3
07:45	130	36	8	22	2	0	0	198	0	0	0	0	0	0	0	0
H/TOT	596	196	38	66	4	7	0	907	2	1	0	1	0	0	0	4
08:00	126	36	13	17	0	2	0	194	1	0	0	0	0	0	0	1
08:15	118	29	13	20	1	3	0	184	1	0	0	0	0	1	0	2
08:30	100	28	13	25	1	2	0	169	1	1	0	0	0	0	0	2
08:45	82	27	8	27	1	0	0	145	1	0	1	0	0	0	0	2
H/TOT	426	120	47	89	3	7	0	692	4	1	1	0	0	1	0	7
P/TOT	1022	316	85	155	7	14	0	1599	6	2	1	1	0	1	0	11

TIME	A - C FROM BARNSELY ROAD (W) TO BARNSELY ROAD (E)								A - B FROM BARNSELY ROAD (W) TO BLACKSMITHS LANE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	87	31	5	16	1	2	0	142	1	1	0	0	0	0	0	2
15:15	96	23	6	14	1	0	0	140	1	0	0	0	0	0	0	1
15:30	85	26	10	15	2	3	0	141	3	2	0	0	0	0	0	5
15:45	97	20	4	13	0	1	0	135	1	0	0	0	0	0	0	1
H/TOT	365	100	25	58	4	6	0	558	6	3	0	0	0	0	0	9
16:00	87	31	10	14	1	0	0	143	1	0	0	0	0	0	0	1
16:15	106	17	1	14	0	1	0	139	0	0	0	0	0	0	0	0
16:30	101	27	5	8	1	4	0	146	1	0	1	0	0	0	0	2
16:45	112	27	2	11	0	1	0	153	1	1	0	0	0	0	0	2
H/TOT	406	102	18	47	2	6	0	581	3	1	1	0	0	0	0	5
17:00	123	22	2	4	1	0	0	152	0	0	0	0	0	0	0	0
17:15	158	20	4	8	0	4	0	194	1	1	0	0	0	0	0	2
17:30	111	20	0	8	1	1	0	141	1	0	0	0	0	0	0	1
17:45	89	15	4	6	0	1	0	115	1	0	0	0	0	0	0	1
H/TOT	481	77	10	26	2	6	0	602	3	1	0	0	0	0	0	4
P/TOT	1252	279	53	131	8	18	0	1741	12	5	1	0	0	0	0	18

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 6

DATE: 21/06/2022

LOCATION: BARNSELY ROAD / BLACKSMITHS LANE

DAY: TUESDAY

TIME	B - A FROM BLACKSMITHS LANE TO BARNSELY ROAD (W)								B - C FROM BLACKSMITHS LANE TO BARNSELY ROAD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0	19	9	0	0	0	1	0	29
07:15	0	0	0	0	0	0	0	0	17	14	1	0	0	1	0	33
07:30	1	0	0	0	0	0	0	1	20	9	2	0	0	1	0	32
07:45	0	0	0	0	0	0	0	0	28	8	2	2	0	1	0	41
H/TOT	1	0	0	0	0	0	0	1	84	40	5	2	0	4	0	135
08:00	0	1	0	0	0	0	0	1	30	5	2	1	0	3	0	41
08:15	0	0	0	0	0	0	0	0	28	8	0	1	1	0	0	38
08:30	0	0	0	0	0	0	0	0	26	5	3	2	0	0	2	38
08:45	1	0	0	0	0	0	0	1	13	6	1	0	0	0	0	20
H/TOT	1	1	0	0	0	0	0	2	97	24	6	4	1	3	2	137
P/TOT	2	1	0	0	0	0	0	3	181	64	11	6	1	7	2	272

TIME	B - A FROM BLACKSMITHS LANE TO BARNSELY ROAD (W)								B - C FROM BLACKSMITHS LANE TO BARNSELY ROAD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	1	1	0	0	0	0	0	2	20	2	1	1	0	0	0	24
15:15	0	0	0	0	0	0	0	0	33	0	1	0	0	0	0	34
15:30	1	1	0	0	0	0	0	2	22	6	1	1	0	0	0	30
15:45	0	0	0	0	0	0	0	0	26	12	1	1	0	0	0	40
H/TOT	2	2	0	0	0	0	0	4	101	20	4	3	0	0	0	128
16:00	0	0	0	0	0	0	0	0	19	5	0	2	0	1	0	27
16:15	0	1	0	0	0	0	0	1	18	2	3	0	0	0	1	24
16:30	1	0	1	0	0	0	0	2	23	1	2	0	0	0	0	26
16:45	0	0	0	0	0	0	0	0	22	7	2	0	0	0	0	31
H/TOT	1	1	1	0	0	0	0	3	82	15	7	2	0	1	1	108
17:00	0	0	0	0	0	0	0	0	30	4	1	0	0	0	0	35
17:15	0	0	0	0	0	0	0	0	29	6	1	1	0	0	0	37
17:30	1	1	0	0	0	0	0	2	28	7	1	0	0	1	0	37
17:45	1	0	0	0	0	0	0	1	21	1	0	2	0	0	0	24
H/TOT	2	1	0	0	0	0	0	3	108	18	3	3	0	1	0	133
P/TOT	5	4	1	0	0	0	0	10	291	53	14	8	0	2	1	369

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 6

DATE: 21/06/2022

LOCATION: BARNSELY ROAD / BLACKSMITHS LANE

DAY: TUESDAY

TIME	C - B FROM BARNSELY ROAD (E) TO BLACKSMITHS LANE								C - A FROM BARNSELY ROAD (E) TO BARNSELY ROAD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	17	9	0	0	0	0	0	26	64	22	8	17	0	1	0	112
07:15	37	6	0	0	0	0	0	43	98	34	14	12	2	4	0	164
07:30	35	7	2	0	0	0	0	44	105	28	14	22	1	1	0	171
07:45	39	8	0	0	0	0	0	47	119	31	10	19	0	0	0	179
H/TOT	128	30	2	0	0	0	0	160	386	115	46	70	3	6	0	626
08:00	47	15	1	1	0	0	0	64	116	26	8	21	0	0	0	171
08:15	44	16	0	0	0	0	0	60	106	27	6	17	1	0	0	157
08:30	48	13	0	0	0	0	0	61	105	24	8	25	0	0	0	162
08:45	28	11	1	1	0	0	0	41	105	38	7	32	1	0	0	183
H/TOT	167	55	2	2	0	0	0	226	432	115	29	95	2	0	0	673
P/TOT	295	85	4	2	0	0	0	386	818	230	75	165	5	6	0	1299

TIME	C - B FROM BARNSELY ROAD (E) TO BLACKSMITHS LANE								C - A FROM BARNSELY ROAD (E) TO BARNSELY ROAD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	27	14	3	0	0	2	0	46	104	35	14	18	1	0	0	172
15:15	32	13	0	1	0	0	0	46	118	39	10	17	0	1	0	185
15:30	33	19	3	1	1	0	0	57	124	48	15	19	2	1	0	209
15:45	21	14	2	0	0	0	0	37	131	28	6	18	1	0	0	184
H/TOT	113	60	8	2	1	2	0	186	477	150	45	72	4	2	0	750
16:00	34	13	2	0	0	0	0	49	126	65	8	14	0	2	0	215
16:15	48	15	0	1	0	2	2	68	153	48	14	11	1	2	0	229
16:30	58	19	1	0	0	0	0	78	162	45	8	9	0	2	0	226
16:45	49	9	2	1	0	3	0	64	148	41	5	11	1	0	0	206
H/TOT	189	56	5	2	0	5	2	259	589	199	35	45	2	6	0	876
17:00	46	12	2	0	0	1	0	61	162	33	6	13	0	1	0	215
17:15	43	10	3	1	0	1	0	58	163	34	8	8	1	0	0	214
17:30	45	8	2	0	0	2	2	59	158	29	4	10	1	3	0	205
17:45	34	7	1	1	0	0	2	45	148	31	4	12	0	1	0	196
H/TOT	168	37	8	2	0	4	4	223	631	127	22	43	2	5	0	830
P/TOT	470	153	21	6	1	11	6	668	1697	476	102	160	8	13	0	2456

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 6

DATE: 21/06/2022

LOCATION: BARNSELEY ROAD / BLACKSMITHS LANE

DAY: TUESDAY

TIME	TO ARM A BARNSELEY ROAD (W)								FROM ARM A BARNSELEY ROAD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	64	22	8	17	0	1	0	112	165	63	10	20	0	2	0	260
07:15	98	34	14	12	2	4	0	164	174	45	9	10	1	2	0	241
07:30	106	28	14	22	1	1	0	172	129	53	11	15	1	3	0	212
07:45	119	31	10	19	0	0	0	179	130	36	8	22	2	0	0	198
H/TOT	387	115	46	70	3	6	0	627	598	197	38	67	4	7	0	911
08:00	116	27	8	21	0	0	0	172	127	36	13	17	0	2	0	195
08:15	106	27	6	17	1	0	0	157	119	29	13	20	1	4	0	186
08:30	105	24	8	25	0	0	0	162	101	29	13	25	1	2	0	171
08:45	106	38	7	32	1	0	0	184	83	27	9	27	1	0	0	147
H/TOT	433	116	29	95	2	0	0	675	430	121	48	89	3	8	0	699
P/TOT	820	231	75	165	5	6	0	1302	1028	318	86	156	7	15	0	1610

TIME	TO ARM A BARNSELEY ROAD (W)								FROM ARM A BARNSELEY ROAD (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	105	36	14	18	1	0	0	174	88	32	5	16	1	2	0	144
15:15	118	39	10	17	0	1	0	185	97	23	6	14	1	0	0	141
15:30	125	49	15	19	2	1	0	211	88	28	10	15	2	3	0	146
15:45	131	28	6	18	1	0	0	184	98	20	4	13	0	1	0	136
H/TOT	479	152	45	72	4	2	0	754	371	103	25	58	4	6	0	567
16:00	126	65	8	14	0	2	0	215	88	31	10	14	1	0	0	144
16:15	153	49	14	11	1	2	0	230	106	17	1	14	0	1	0	139
16:30	163	45	9	9	0	2	0	228	102	27	6	8	1	4	0	148
16:45	148	41	5	11	1	0	0	206	113	28	2	11	0	1	0	155
H/TOT	590	200	36	45	2	6	0	879	409	103	19	47	2	6	0	586
17:00	162	33	6	13	0	1	0	215	123	22	2	4	1	0	0	152
17:15	163	34	8	8	1	0	0	214	159	21	4	8	0	4	0	196
17:30	159	30	4	10	1	3	0	207	112	20	0	8	1	1	0	142
17:45	149	31	4	12	0	1	0	197	90	15	4	6	0	1	0	116
H/TOT	633	128	22	43	2	5	0	833	484	78	10	26	2	6	0	606
P/TOT	1702	480	103	160	8	13	0	2466	1264	284	54	131	8	18	0	1759

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 6

DATE: 21/06/2022

LOCATION: BARNSELEY ROAD / BLACKSMITHS LANE

DAY: TUESDAY

TIME	TO ARM B BLACKSMITHS LANE								FROM ARM B BLACKSMITHS LANE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	17	9	0	0	0	0	0	26	19	9	0	0	0	1	0	29
07:15	38	6	0	0	0	0	0	44	17	14	1	0	0	1	0	33
07:30	36	8	2	1	0	0	0	47	21	9	2	0	0	1	0	33
07:45	39	8	0	0	0	0	0	47	28	8	2	2	0	1	0	41
H/TOT	130	31	2	1	0	0	0	164	85	40	5	2	0	4	0	136
08:00	48	15	1	1	0	0	0	65	30	6	2	1	0	3	0	42
08:15	45	16	0	0	0	1	0	62	28	8	0	1	1	0	0	38
08:30	49	14	0	0	0	0	0	63	26	5	3	2	0	0	2	38
08:45	29	11	2	1	0	0	0	43	14	6	1	0	0	0	0	21
H/TOT	171	56	3	2	0	1	0	233	98	25	6	4	1	3	2	139
P/TOT	301	87	5	3	0	1	0	397	183	65	11	6	1	7	2	275

TIME	TO ARM B BLACKSMITHS LANE								FROM ARM B BLACKSMITHS LANE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	28	15	3	0	0	2	0	48	21	3	1	1	0	0	0	26
15:15	33	13	0	1	0	0	0	47	33	0	1	0	0	0	0	34
15:30	36	21	3	1	1	0	0	62	23	7	1	1	0	0	0	32
15:45	22	14	2	0	0	0	0	38	26	12	1	1	0	0	0	40
H/TOT	119	63	8	2	1	2	0	195	103	22	4	3	0	0	0	132
16:00	35	13	2	0	0	0	0	50	19	5	0	2	0	1	0	27
16:15	48	15	0	1	0	2	2	68	18	3	3	0	0	0	1	25
16:30	59	19	2	0	0	0	0	80	24	1	3	0	0	0	0	28
16:45	50	10	2	1	0	3	0	66	22	7	2	0	0	0	0	31
H/TOT	192	57	6	2	0	5	2	264	83	16	8	2	0	1	1	111
17:00	46	12	2	0	0	1	0	61	30	4	1	0	0	0	0	35
17:15	44	11	3	1	0	1	0	60	29	6	1	1	0	0	0	37
17:30	46	8	2	0	0	2	2	60	29	8	1	0	0	1	0	39
17:45	35	7	1	1	0	0	2	46	22	1	0	2	0	0	0	25
H/TOT	171	38	8	2	0	4	4	227	110	19	3	3	0	1	0	136
P/TOT	482	158	22	6	1	11	6	686	296	57	15	8	0	2	1	379

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 6

DATE: 21/06/2022

LOCATION: BARNSELEY ROAD / BLACKSMITHS LANE

DAY: TUESDAY

TIME	TO ARM C BARNSELEY ROAD (E)								FROM ARM C BARNSELEY ROAD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	184	72	10	20	0	3	0	289	81	31	8	17	0	1	0	138
07:15	190	59	10	10	1	3	0	273	135	40	14	12	2	4	0	207
07:30	148	61	13	14	1	4	0	241	140	35	16	22	1	1	0	215
07:45	158	44	10	24	2	1	0	239	158	39	10	19	0	0	0	226
H/TOT	680	236	43	68	4	11	0	1042	514	145	48	70	3	6	0	786
08:00	156	41	15	18	0	5	0	235	163	41	9	22	0	0	0	235
08:15	146	37	13	21	2	3	0	222	150	43	6	17	1	0	0	217
08:30	126	33	16	27	1	2	2	207	153	37	8	25	0	0	0	223
08:45	95	33	9	27	1	0	0	165	133	49	8	33	1	0	0	224
H/TOT	523	144	53	93	4	10	2	829	599	170	31	97	2	0	0	899
P/TOT	1203	380	96	161	8	21	2	1871	1113	315	79	167	5	6	0	1685

TIME	TO ARM C BARNSELEY ROAD (E)								FROM ARM C BARNSELEY ROAD (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	107	33	6	17	1	2	0	166	131	49	17	18	1	2	0	218
15:15	129	23	7	14	1	0	0	174	150	52	10	18	0	1	0	231
15:30	107	32	11	16	2	3	0	171	157	67	18	20	3	1	0	266
15:45	123	32	5	14	0	1	0	175	152	42	8	18	1	0	0	221
H/TOT	466	120	29	61	4	6	0	686	590	210	53	74	5	4	0	936
16:00	106	36	10	16	1	1	0	170	160	78	10	14	0	2	0	264
16:15	124	19	4	14	0	1	1	163	201	63	14	12	1	4	2	297
16:30	124	28	7	8	1	4	0	172	220	64	9	9	0	2	0	304
16:45	134	34	4	11	0	1	0	184	197	50	7	12	1	3	0	270
H/TOT	488	117	25	49	2	7	1	689	778	255	40	47	2	11	2	1135
17:00	153	26	3	4	1	0	0	187	208	45	8	13	0	2	0	276
17:15	187	26	5	9	0	4	0	231	206	44	11	9	1	1	0	272
17:30	139	27	1	8	1	2	0	178	203	37	6	10	1	5	2	264
17:45	110	16	4	8	0	1	0	139	182	38	5	13	0	1	2	241
H/TOT	589	95	13	29	2	7	0	735	799	164	30	45	2	9	4	1053
P/TOT	1543	332	67	139	8	20	1	2110	2167	629	123	166	9	24	6	3124

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 7

DATE: 21/06/2022

LOCATION: CHURCH LANE / A635 / BARNSELY ROAD

DAY: TUESDAY

TIME	A - C FROM CHURCH LANE TO BARNSELY ROAD								A - B FROM CHURCH LANE TO A635							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	2	1	0	0	0	0	0	3	5	2	0	0	0	0	0	7
07:15	3	1	0	0	0	0	0	4	11	0	0	0	0	1	0	12
07:30	3	3	0	0	0	0	0	6	6	3	4	0	0	0	0	13
07:45	12	2	0	0	0	0	0	14	11	4	0	0	0	0	0	15
H/TOT	20	7	0	0	0	0	0	27	33	9	4	0	0	1	0	47
08:00	2	3	0	1	0	0	0	6	10	2	0	0	0	0	0	12
08:15	5	0	0	0	0	0	0	5	7	7	1	0	0	0	0	15
08:30	4	3	0	1	0	0	0	8	6	1	0	0	0	0	0	7
08:45	1	0	0	1	0	0	0	2	2	2	0	0	0	0	0	4
H/TOT	12	6	0	3	0	0	0	21	25	12	1	0	0	0	0	38
P/TOT	32	13	0	3	0	0	0	48	58	21	5	0	0	1	0	85

TIME	A - C FROM CHURCH LANE TO BARNSELY ROAD								A - B FROM CHURCH LANE TO A635							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	6	2	1	0	0	0	0	9	16	2	0	0	0	0	0	18
15:15	17	5	2	0	0	0	0	24	12	0	0	0	0	0	0	12
15:30	8	1	0	0	0	1	0	10	8	5	0	0	0	0	0	13
15:45	3	0	0	0	0	0	0	3	3	0	0	0	0	0	0	3
H/TOT	34	8	3	0	0	1	0	46	39	7	0	0	0	0	0	46
16:00	9	1	0	0	0	0	0	10	12	4	0	0	0	0	0	16
16:15	3	7	0	0	0	0	0	10	12	6	0	0	0	0	0	18
16:30	9	1	0	0	0	0	0	10	14	1	0	0	0	0	0	15
16:45	6	1	0	0	0	0	0	7	7	2	0	0	0	0	0	9
H/TOT	27	10	0	0	0	0	0	37	45	13	0	0	0	0	0	58
17:00	3	2	0	0	0	0	0	5	13	5	0	0	0	0	0	18
17:15	3	1	0	0	0	0	0	4	9	2	1	1	0	0	0	13
17:30	6	2	0	0	0	1	0	9	8	2	0	0	0	1	0	11
17:45	3	2	0	0	0	0	0	5	6	2	0	0	0	0	2	10
H/TOT	15	7	0	0	0	1	0	23	36	11	1	1	0	1	2	52
P/TOT	76	25	3	0	0	2	0	106	120	31	1	1	0	1	2	156

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 7

DATE: 21/06/2022

LOCATION: CHURCH LANE / A635 / BARNSELY ROAD

DAY: TUESDAY

TIME	B - A FROM A635 TO CHURCH LANE								B - C FROM A635 TO BARNSELY ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	5	3	0	0	0	0	0	8	177	74	13	18	0	3	0	285
07:15	12	4	0	0	0	1	0	17	174	57	9	10	1	2	0	253
07:30	9	3	0	0	0	0	0	12	135	64	14	15	1	4	0	233
07:45	16	3	1	0	0	0	0	20	139	45	8	24	2	1	0	219
H/TOT	42	13	1	0	0	1	0	57	625	240	44	67	4	10	0	990
08:00	9	4	2	1	0	0	0	16	148	45	17	14	0	4	0	228
08:15	13	4	0	0	0	0	0	17	124	37	17	15	2	3	0	198
08:30	9	2	0	1	0	0	0	12	121	33	17	26	1	2	0	200
08:45	7	3	0	0	0	0	0	10	86	34	10	24	1	0	0	155
H/TOT	38	13	2	2	0	0	0	55	479	149	61	79	4	9	0	781
P/TOT	80	26	3	2	0	1	0	112	1104	389	105	146	8	19	0	1771

TIME	B - A FROM A635 TO CHURCH LANE								B - C FROM A635 TO BARNSELY ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	9	1	1	0	0	0	0	11	94	35	5	18	1	2	0	155
15:15	14	0	1	0	0	0	0	15	116	24	8	11	1	0	0	160
15:30	11	2	1	0	0	0	0	14	89	38	9	7	1	3	0	147
15:45	7	7	1	0	0	0	0	15	112	28	4	14	0	1	0	159
H/TOT	41	10	4	0	0	0	0	55	411	125	26	50	3	6	0	621
16:00	6	2	1	0	0	1	0	10	91	42	9	16	1	0	0	159
16:15	8	1	0	0	0	0	1	10	109	25	2	15	0	1	0	152
16:30	8	1	1	0	0	0	0	10	115	28	6	8	1	4	0	162
16:45	7	2	0	0	0	0	0	9	131	31	4	11	0	1	0	178
H/TOT	29	6	2	0	0	1	1	39	446	126	21	50	2	6	0	651
17:00	10	2	0	0	0	0	0	12	138	27	3	4	1	0	0	173
17:15	5	1	0	0	0	0	0	6	178	29	5	9	0	4	0	225
17:30	2	2	1	0	0	0	0	5	126	32	1	8	1	2	0	170
17:45	6	1	0	0	0	0	0	7	103	16	5	8	0	1	0	133
H/TOT	23	6	1	0	0	0	0	30	545	104	14	29	2	7	0	701
P/TOT	93	22	7	0	0	1	1	124	1402	355	61	129	7	19	0	1973

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 7

DATE: 21/06/2022

LOCATION: CHURCH LANE / A635 / BARNSELY ROAD

DAY: TUESDAY

TIME	C - B FROM BARNSELY ROAD TO A635								C - A FROM BARNSELY ROAD TO CHURCH LANE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	74	33	8	16	0	1	0	132	0	4	1	0	0	0	0	5
07:15	125	41	15	12	2	3	0	198	3	6	1	0	0	0	0	10
07:30	136	33	13	20	1	1	0	204	3	2	0	0	0	0	0	5
07:45	138	39	10	19	0	0	1	207	8	2	0	0	0	0	0	10
H/TOT	473	146	46	67	3	5	1	741	14	14	2	0	0	0	0	30
08:00	143	49	9	21	0	0	0	222	4	3	1	0	0	0	0	8
08:15	143	38	5	19	1	0	0	206	1	1	2	0	0	0	0	4
08:30	138	38	10	24	0	0	0	210	4	2	1	0	0	0	0	7
08:45	130	47	6	34	1	0	0	218	4	0	0	0	0	0	0	4
H/TOT	554	172	30	98	2	0	0	856	13	6	4	0	0	0	0	23
P/TOT	1027	318	76	165	5	5	1	1597	27	20	6	0	0	0	0	53

TIME	C - B FROM BARNSELY ROAD TO A635								C - A FROM BARNSELY ROAD TO CHURCH LANE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	107	52	17	18	0	1	0	195	6	0	0	1	0	0	0	7
15:15	136	58	10	18	0	1	0	223	2	3	0	0	0	0	0	5
15:30	146	66	17	21	3	1	0	254	3	3	1	0	0	0	0	7
15:45	151	41	8	18	1	0	0	219	1	1	0	0	0	0	0	2
H/TOT	540	217	52	75	4	3	0	891	12	7	1	1	0	0	0	21
16:00	149	76	11	12	1	4	0	253	5	0	0	0	0	0	0	5
16:15	196	53	15	11	1	4	0	280	3	5	0	0	0	0	0	8
16:30	201	61	9	9	0	5	0	285	1	0	0	0	0	0	0	1
16:45	190	58	8	11	1	0	0	268	4	3	0	0	0	0	0	7
H/TOT	736	248	43	43	3	13	0	1086	13	8	0	0	0	0	0	21
17:00	190	43	7	14	0	2	0	256	2	1	0	0	0	0	0	3
17:15	202	41	9	9	1	2	0	264	1	1	0	0	0	0	0	2
17:30	203	33	7	10	1	3	2	259	1	0	0	0	0	0	0	1
17:45	169	41	6	11	0	2	0	229	2	1	0	0	0	0	0	3
H/TOT	764	158	29	44	2	9	2	1008	6	3	0	0	0	0	0	9
P/TOT	2040	623	124	162	9	25	2	2985	31	18	1	1	0	0	0	51

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 7

DATE: 21/06/2022

LOCATION: CHURCH LANE / A635 / BARNSELY ROAD

DAY: TUESDAY

TIME	TO ARM A CHURCH LANE								FROM ARM A CHURCH LANE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	5	7	1	0	0	0	0	13	7	3	0	0	0	0	0	10
07:15	15	10	1	0	0	1	0	27	14	1	0	0	0	1	0	16
07:30	12	5	0	0	0	0	0	17	9	6	4	0	0	0	0	19
07:45	24	5	1	0	0	0	0	30	23	6	0	0	0	0	0	29
H/TOT	56	27	3	0	0	1	0	87	53	16	4	0	0	1	0	74
08:00	13	7	3	1	0	0	0	24	12	5	0	1	0	0	0	18
08:15	14	5	2	0	0	0	0	21	12	7	1	0	0	0	0	20
08:30	13	4	1	1	0	0	0	19	10	4	0	1	0	0	0	15
08:45	11	3	0	0	0	0	0	14	3	2	0	1	0	0	0	6
H/TOT	51	19	6	2	0	0	0	78	37	18	1	3	0	0	0	59
P/TOT	107	46	9	2	0	1	0	165	90	34	5	3	0	1	0	133
TIME	TO ARM A CHURCH LANE								FROM ARM A CHURCH LANE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	15	1	1	1	0	0	0	18	22	4	1	0	0	0	0	27
15:15	16	3	1	0	0	0	0	20	29	5	2	0	0	0	0	36
15:30	14	5	2	0	0	0	0	21	16	6	0	0	0	1	0	23
15:45	8	8	1	0	0	0	0	17	6	0	0	0	0	0	0	6
H/TOT	53	17	5	1	0	0	0	76	73	15	3	0	0	1	0	92
16:00	11	2	1	0	0	1	0	15	21	5	0	0	0	0	0	26
16:15	11	6	0	0	0	0	1	18	15	13	0	0	0	0	0	28
16:30	9	1	1	0	0	0	0	11	23	2	0	0	0	0	0	25
16:45	11	5	0	0	0	0	0	16	13	3	0	0	0	0	0	16
H/TOT	42	14	2	0	0	1	1	60	72	23	0	0	0	0	0	95
17:00	12	3	0	0	0	0	0	15	16	7	0	0	0	0	0	23
17:15	6	2	0	0	0	0	0	8	12	3	1	1	0	0	0	17
17:30	3	2	1	0	0	0	0	6	14	4	0	0	0	2	0	20
17:45	8	2	0	0	0	0	0	10	9	4	0	0	0	0	2	15
H/TOT	29	9	1	0	0	0	0	39	51	18	1	1	0	2	2	75
P/TOT	124	40	8	1	0	1	1	175	196	56	4	1	0	3	2	262

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 7

DATE: 21/06/2022

LOCATION: CHURCH LANE / A635 / BARNSELY ROAD

DAY: TUESDAY

TIME	TO ARM B A635								FROM ARM B A635							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	79	35	8	16	0	1	0	139	182	77	13	18	0	3	0	293
07:15	136	41	15	12	2	4	0	210	186	61	9	10	1	3	0	270
07:30	142	36	17	20	1	1	0	217	144	67	14	15	1	4	0	245
07:45	149	43	10	19	0	0	1	222	155	48	9	24	2	1	0	239
H/TOT	506	155	50	67	3	6	1	788	667	253	45	67	4	11	0	1047
08:00	153	51	9	21	0	0	0	234	157	49	19	15	0	4	0	244
08:15	150	45	6	19	1	0	0	221	137	41	17	15	2	3	0	215
08:30	144	39	10	24	0	0	0	217	130	35	17	27	1	2	0	212
08:45	132	49	6	34	1	0	0	222	93	37	10	24	1	0	0	165
H/TOT	579	184	31	98	2	0	0	894	517	162	63	81	4	9	0	836
P/TOT	1085	339	81	165	5	6	1	1682	1184	415	108	148	8	20	0	1883

TIME	TO ARM B A635								FROM ARM B A635							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	123	54	17	18	0	1	0	213	103	36	6	18	1	2	0	166
15:15	148	58	10	18	0	1	0	235	130	24	9	11	1	0	0	175
15:30	154	71	17	21	3	1	0	267	100	40	10	7	1	3	0	161
15:45	154	41	8	18	1	0	0	222	119	35	5	14	0	1	0	174
H/TOT	579	224	52	75	4	3	0	937	452	135	30	50	3	6	0	676
16:00	161	80	11	12	1	4	0	269	97	44	10	16	1	1	0	169
16:15	208	59	15	11	1	4	0	298	117	26	2	15	0	1	1	162
16:30	215	62	9	9	0	5	0	300	123	29	7	8	1	4	0	172
16:45	197	60	8	11	1	0	0	277	138	33	4	11	0	1	0	187
H/TOT	781	261	43	43	3	13	0	1144	475	132	23	50	2	7	1	690
17:00	203	48	7	14	0	2	0	274	148	29	3	4	1	0	0	185
17:15	211	43	10	10	1	2	0	277	183	30	5	9	0	4	0	231
17:30	211	35	7	10	1	4	2	270	128	34	2	8	1	2	0	175
17:45	175	43	6	11	0	2	2	239	109	17	5	8	0	1	0	140
H/TOT	800	169	30	45	2	10	4	1060	568	110	15	29	2	7	0	731
P/TOT	2160	654	125	163	9	26	4	3141	1495	377	68	129	7	20	1	2097

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 7

DATE: 21/06/2022

LOCATION: CHURCH LANE / A635 / BARNLEY ROAD

DAY: TUESDAY

TIME	TO ARM C BARNLEY ROAD								FROM ARM C BARNLEY ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	179	75	13	18	0	3	0	288	74	37	9	16	0	1	0	137
07:15	177	58	9	10	1	2	0	257	128	47	16	12	2	3	0	208
07:30	138	67	14	15	1	4	0	239	139	35	13	20	1	1	0	209
07:45	151	47	8	24	2	1	0	233	146	41	10	19	0	0	1	217
H/TOT	645	247	44	67	4	10	0	1017	487	160	48	67	3	5	1	771
08:00	150	48	17	15	0	4	0	234	147	52	10	21	0	0	0	230
08:15	129	37	17	15	2	3	0	203	144	39	7	19	1	0	0	210
08:30	125	36	17	27	1	2	0	208	142	40	11	24	0	0	0	217
08:45	87	34	10	25	1	0	0	157	134	47	6	34	1	0	0	222
H/TOT	491	155	61	82	4	9	0	802	567	178	34	98	2	0	0	879
P/TOT	1136	402	105	149	8	19	0	1819	1054	338	82	165	5	5	1	1650

TIME	TO ARM C BARNLEY ROAD								FROM ARM C BARNLEY ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	100	37	6	18	1	2	0	164	113	52	17	19	0	1	0	202
15:15	133	29	10	11	1	0	0	184	138	61	10	18	0	1	0	228
15:30	97	39	9	7	1	4	0	157	149	69	18	21	3	1	0	261
15:45	115	28	4	14	0	1	0	162	152	42	8	18	1	0	0	221
H/TOT	445	133	29	50	3	7	0	667	552	224	53	76	4	3	0	912
16:00	100	43	9	16	1	0	0	169	154	76	11	12	1	4	0	258
16:15	112	32	2	15	0	1	0	162	199	58	15	11	1	4	0	288
16:30	124	29	6	8	1	4	0	172	202	61	9	9	0	5	0	286
16:45	137	32	4	11	0	1	0	185	194	61	8	11	1	0	0	275
H/TOT	473	136	21	50	2	6	0	688	749	256	43	43	3	13	0	1107
17:00	141	29	3	4	1	0	0	178	192	44	7	14	0	2	0	259
17:15	181	30	5	9	0	4	0	229	203	42	9	9	1	2	0	266
17:30	132	34	1	8	1	3	0	179	204	33	7	10	1	3	2	260
17:45	106	18	5	8	0	1	0	138	171	42	6	11	0	2	0	232
H/TOT	560	111	14	29	2	8	0	724	770	161	29	44	2	9	2	1017
P/TOT	1478	380	64	129	7	21	0	2079	2071	641	125	163	9	25	2	3036

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 9

DATE: 21/06/2022

LOCATION: A6195 / A635 DONCASTER ROAD / A635

DAY: TUESDAY

TIME	A - D FROM A6195 (N) TO A635								A - C FROM A6195 (N) TO A6195 (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	30	2	1	2	0	0	0	35	118	26	3	2	0	1	0	150
07:15	31	6	2	1	1	0	0	41	125	38	4	7	1	4	0	179
07:30	20	6	3	3	0	1	0	33	108	27	4	0	0	2	0	141
07:45	31	7	2	2	0	0	0	42	121	27	0	3	1	0	0	152
H/TOT	112	21	8	8	1	1	0	151	472	118	11	12	2	7	0	622
08:00	17	1	5	1	0	0	0	24	108	21	4	2	1	0	0	136
08:15	21	6	3	3	0	0	0	33	92	17	3	2	0	1	0	115
08:30	26	8	1	4	0	0	0	39	99	24	5	4	0	0	0	132
08:45	22	5	1	2	0	0	0	30	101	19	5	10	1	1	0	137
H/TOT	86	20	10	10	0	0	0	126	400	81	17	18	2	2	0	520
P/TOT	198	41	18	18	1	1	0	277	872	199	28	30	4	9	0	1142

TIME	A - D FROM A6195 (N) TO A635								A - C FROM A6195 (N) TO A6195 (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	36	7	2	3	0	0	0	48	108	17	2	1	0	1	0	129
15:15	47	7	2	2	1	1	0	60	119	17	7	2	1	0	0	146
15:30	28	7	2	3	0	0	0	40	96	22	4	1	1	0	0	124
15:45	28	8	1	1	0	0	0	38	89	14	5	6	0	0	2	116
H/TOT	139	29	7	9	1	1	0	186	412	70	18	10	2	1	2	515
16:00	15	8	1	3	0	1	0	28	127	29	5	1	0	3	0	165
16:15	22	8	0	2	0	0	0	32	81	33	6	2	0	2	0	124
16:30	28	8	1	2	0	1	0	40	124	29	3	0	1	0	0	157
16:45	29	8	2	2	0	0	1	42	112	18	2	0	0	1	0	133
H/TOT	94	32	4	9	0	2	1	142	444	109	16	3	1	6	0	579
17:00	27	4	1	3	0	0	0	35	121	15	3	2	0	2	0	143
17:15	31	1	2	1	0	0	0	35	141	16	2	1	0	1	1	162
17:30	21	3	1	1	0	0	0	26	85	12	2	1	0	3	0	103
17:45	21	8	0	1	0	2	0	32	92	14	3	2	0	4	0	115
H/TOT	100	16	4	6	0	2	0	128	439	57	10	6	0	10	1	523
P/TOT	333	77	15	24	1	5	1	456	1295	236	44	19	3	17	3	1617

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 9

DATE: 21/06/2022

LOCATION: A6195 / A635 DONCASTER ROAD / A635

DAY: TUESDAY

TIME	B - A FROM A635 DONCASTER ROAD TO A6195 (N)								B - D FROM A635 DONCASTER ROAD TO A635							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	7	3	1	0	2	0	0	13	63	33	1	1	2	1	0	101
07:15	7	1	2	0	0	0	0	10	95	29	6	2	1	0	0	133
07:30	17	3	1	0	0	0	0	21	87	28	3	3	2	1	0	124
07:45	11	1	0	0	0	0	0	12	79	26	6	3	1	2	0	117
H/TOT	42	8	4	0	2	0	0	56	324	116	16	9	6	4	0	475
08:00	10	1	2	0	0	0	0	13	83	18	10	2	2	0	0	115
08:15	7	4	3	0	1	0	0	15	44	12	2	0	0	0	0	58
08:30	15	2	0	1	2	0	0	20	44	15	3	1	2	1	0	66
08:45	13	4	2	1	0	1	0	21	53	12	2	2	1	0	0	70
H/TOT	45	11	7	2	3	1	0	69	224	57	17	5	5	1	0	309
P/TOT	87	19	11	2	5	1	0	125	548	173	33	14	11	5	0	784

TIME	B - A FROM A635 DONCASTER ROAD TO A6195 (N)								B - D FROM A635 DONCASTER ROAD TO A635							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	11	4	1	0	1	0	0	17	63	16	3	4	1	1	0	88
15:15	14	2	0	0	1	0	0	17	50	14	1	2	1	0	0	68
15:30	22	5	1	0	0	0	0	28	60	20	3	3	1	0	0	87
15:45	13	5	4	0	1	0	0	23	70	12	3	3	0	1	0	89
H/TOT	60	16	6	0	3	0	0	85	243	62	10	12	3	2	0	332
16:00	15	4	1	0	1	0	0	21	69	5	5	0	3	0	0	82
16:15	17	1	0	0	1	1	0	20	87	14	3	0	1	2	0	107
16:30	11	1	0	0	0	2	0	14	66	19	5	0	1	1	0	92
16:45	9	0	1	1	1	0	0	12	66	14	1	1	1	2	0	85
H/TOT	52	6	2	1	3	3	0	67	288	52	14	1	6	5	0	366
17:00	17	0	1	0	0	1	0	19	59	8	0	1	0	1	1	70
17:15	15	1	1	0	2	0	0	19	67	7	1	1	2	0	0	78
17:30	15	5	1	0	0	0	0	21	83	11	0	0	1	4	0	99
17:45	22	4	1	0	1	0	0	28	78	15	3	0	0	1	0	97
H/TOT	69	10	4	0	3	1	0	87	287	41	4	2	3	6	1	344
P/TOT	181	32	12	1	9	4	0	239	818	155	28	15	12	13	1	1042

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 9

DATE: 21/06/2022

LOCATION: A6195 / A635 DONCASTER ROAD / A635

DAY: TUESDAY

TIME	C - B FROM A6195 (S) TO A635 DONCASTER ROAD								C - A FROM A6195 (S) TO A6195 (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	7	5	0	1	0	0	0	13	57	28	3	0	0	0	0	88
07:15	20	3	0	0	0	0	0	23	72	15	3	7	0	0	0	97
07:30	16	5	1	0	0	0	0	22	91	22	6	2	0	1	0	122
07:45	23	5	3	0	0	0	0	31	95	24	4	3	0	1	1	128
H/TOT	66	18	4	1	0	0	0	89	315	89	16	12	0	2	1	435
08:00	26	6	2	0	0	0	0	34	81	24	3	2	0	0	1	111
08:15	24	3	2	1	0	1	0	31	93	25	3	4	1	0	1	127
08:30	35	2	1	0	0	0	0	38	93	22	7	10	1	0	0	133
08:45	16	3	1	0	0	0	0	20	83	14	1	5	0	0	0	103
H/TOT	101	14	6	1	0	1	0	123	350	85	14	21	2	0	2	474
P/TOT	167	32	10	2	0	1	0	212	665	174	30	33	2	2	3	909

TIME	C - B FROM A6195 (S) TO A635 DONCASTER ROAD								C - A FROM A6195 (S) TO A6195 (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	24	3	0	1	0	0	0	28	95	16	6	3	2	1	0	123
15:15	30	4	1	0	0	2	0	37	79	26	5	2	0	0	0	112
15:30	28	7	2	0	2	0	0	39	105	27	8	0	0	1	0	141
15:45	44	8	1	1	0	0	0	54	99	16	7	1	0	8	0	131
H/TOT	126	22	4	2	2	2	0	158	378	85	26	6	2	10	0	507
16:00	35	5	0	0	0	1	0	41	89	21	3	3	0	1	0	117
16:15	38	10	3	0	0	2	0	53	132	28	1	4	0	4	1	170
16:30	29	5	0	0	0	1	0	35	98	30	2	0	0	1	0	131
16:45	31	2	0	0	0	1	0	34	126	36	6	1	0	2	2	173
H/TOT	133	22	3	0	0	5	0	163	445	115	12	8	0	8	3	591
17:00	31	4	0	0	0	0	0	35	102	20	2	2	0	3	0	129
17:15	40	7	1	0	0	0	0	48	145	23	2	0	0	3	0	173
17:30	24	3	1	0	0	0	0	28	132	16	3	0	0	6	0	157
17:45	31	3	0	0	0	1	0	35	96	21	1	0	0	1	0	119
H/TOT	126	17	2	0	0	1	0	146	475	80	8	2	0	13	0	578
P/TOT	385	61	9	2	2	8	0	467	1298	280	46	16	2	31	3	1676

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 9

DATE: 21/06/2022

LOCATION: A6195 / A635 DONCASTER ROAD / A635

DAY: TUESDAY

TIME	D - C FROM A635 TO A6195 (S)								D - B FROM A635 TO A635 DONCASTER ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	46	21	9	6	0	0	0	82	49	20	5	4	1	0	0	79
07:15	61	24	5	6	0	0	0	96	41	11	6	7	0	2	0	67
07:30	89	25	8	9	0	1	0	132	84	15	2	4	0	0	0	105
07:45	76	17	8	9	0	1	0	111	73	21	5	2	1	0	0	102
H/TOT	272	87	30	30	0	2	0	421	247	67	18	17	2	2	0	353
08:00	68	19	12	8	1	0	0	108	83	14	3	3	1	0	0	104
08:15	75	22	7	14	0	1	0	119	75	10	4	1	0	1	0	91
08:30	53	18	2	5	0	0	0	78	65	20	1	6	3	1	0	96
08:45	60	17	5	7	1	0	0	90	48	18	4	3	0	1	0	74
H/TOT	256	76	26	34	2	1	0	395	271	62	12	13	4	3	0	365
P/TOT	528	163	56	64	2	3	0	816	518	129	30	30	6	5	0	718

TIME	D - C FROM A635 TO A6195 (S)								D - B FROM A635 TO A635 DONCASTER ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	66	19	5	3	0	0	0	93	63	11	4	3	2	2	1	86
15:15	65	25	9	7	0	0	0	106	64	20	4	2	0	1	0	91
15:30	79	20	6	4	0	1	0	110	56	20	5	2	1	1	0	85
15:45	79	23	4	5	0	0	0	111	54	25	3	1	0	1	0	84
H/TOT	289	87	24	19	0	1	0	420	237	76	16	8	3	5	1	346
16:00	85	12	3	5	0	1	0	106	75	28	2	0	1	2	0	108
16:15	87	21	2	8	0	0	0	118	69	24	2	0	1	1	1	98
16:30	108	18	3	1	0	0	0	130	83	20	4	0	1	0	0	108
16:45	102	22	2	8	0	0	0	134	86	19	1	2	0	2	1	111
H/TOT	382	73	10	22	0	1	0	488	313	91	9	2	3	5	2	425
17:00	116	19	1	2	0	1	0	139	99	17	1	3	2	3	0	125
17:15	94	22	1	4	0	1	0	122	78	11	2	2	0	1	0	94
17:30	103	13	4	2	0	0	0	122	89	11	3	2	2	0	0	107
17:45	78	13	2	5	0	1	0	99	70	11	2	0	1	1	0	85
H/TOT	391	67	8	13	0	3	0	482	336	50	8	7	5	5	0	411
P/TOT	1062	227	42	54	0	5	0	1390	886	217	33	17	11	15	3	1182

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 9

DATE: 21/06/2022

LOCATION: A6195 / A635 DONCASTER ROAD / A635

DAY: TUESDAY

TIME	TO ARM A A6195 (N)								FROM ARM A A6195 (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	82	42	6	2	2	0	0	134	174	35	5	4	0	1	0	219
07:15	92	23	5	7	0	0	0	127	178	49	8	8	4	4	0	251
07:30	133	34	7	4	1	2	0	181	162	39	7	3	2	3	0	216
07:45	131	31	7	9	0	1	1	180	173	39	4	5	1	0	0	222
H/TOT	438	130	25	22	3	3	1	622	687	162	24	20	7	8	0	908
08:00	104	32	7	3	0	0	1	147	156	26	12	3	2	0	0	199
08:15	121	33	8	13	2	0	1	178	146	25	8	7	0	1	0	187
08:30	125	29	8	15	3	0	0	180	150	36	6	9	0	0	0	201
08:45	115	26	5	11	0	1	0	158	143	29	7	12	3	1	0	195
H/TOT	465	120	28	42	5	1	2	663	595	116	33	31	5	2	0	782
P/TOT	903	250	53	64	8	4	3	1285	1282	278	57	51	12	10	0	1690

TIME	TO ARM A A6195 (N)								FROM ARM A A6195 (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	129	31	8	3	3	2	0	176	196	27	6	4	0	2	0	235
15:15	130	41	5	6	1	0	0	183	210	30	10	4	3	1	0	258
15:30	155	43	11	7	0	1	0	217	154	37	9	5	2	0	0	207
15:45	143	32	13	3	1	10	0	202	145	26	6	7	1	0	2	187
H/TOT	557	147	37	19	5	13	0	778	705	120	31	20	6	3	2	887
16:00	135	33	8	5	1	1	0	183	167	42	7	4	0	4	0	224
16:15	173	35	4	8	1	8	1	230	134	45	7	4	1	2	0	193
16:30	131	37	6	6	0	4	0	184	185	42	4	2	3	1	0	237
16:45	168	41	7	4	1	2	2	225	164	33	7	3	1	2	1	211
H/TOT	607	146	25	23	3	15	3	822	650	162	25	13	5	9	1	865
17:00	155	25	3	3	0	4	0	190	176	24	5	5	0	2	0	212
17:15	186	28	5	2	2	4	0	227	198	20	5	2	1	2	1	229
17:30	179	28	4	1	0	6	0	218	136	17	3	2	1	5	0	164
17:45	145	33	2	2	1	1	1	185	134	23	3	3	0	6	0	169
H/TOT	665	114	14	8	3	15	1	820	644	84	16	12	2	15	1	774
P/TOT	1829	407	76	50	11	43	4	2420	1999	366	72	45	13	27	4	2526

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 9

DATE: 21/06/2022

LOCATION: A6195 / A635 DONCASTER ROAD / A635

DAY: TUESDAY

TIME	TO ARM B A635 DONCASTER ROAD								FROM ARM B A635 DONCASTER ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	82	32	6	5	1	0	0	126	86	42	3	1	5	1	0	138
07:15	83	19	8	7	2	2	0	121	130	38	9	2	1	0	0	180
07:30	134	26	3	4	2	0	0	169	144	41	7	4	2	3	0	201
07:45	117	31	10	2	1	0	0	161	122	31	6	4	1	2	0	166
H/TOT	416	108	27	18	6	2	0	577	482	152	25	11	9	6	0	685
08:00	140	24	8	3	2	0	0	177	128	26	14	2	2	0	0	172
08:15	132	15	8	4	0	2	0	161	90	19	7	0	1	1	0	118
08:30	125	26	2	7	3	1	0	164	93	18	3	2	4	1	0	121
08:45	84	26	6	3	2	1	0	122	98	20	7	4	1	1	0	131
H/TOT	481	91	24	17	7	4	0	624	409	83	31	8	8	3	0	542
P/TOT	897	199	51	35	13	6	0	1201	891	235	56	19	17	9	0	1227

TIME	TO ARM B A635 DONCASTER ROAD								FROM ARM B A635 DONCASTER ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	139	17	6	4	2	3	1	172	95	23	4	4	2	1	0	129
15:15	138	30	6	2	1	3	0	180	93	23	1	2	3	0	0	122
15:30	114	35	10	3	4	1	0	167	119	29	4	3	2	1	0	158
15:45	126	37	4	2	1	1	0	171	109	22	9	3	1	1	0	145
H/TOT	517	119	26	11	8	8	1	690	416	97	18	12	8	3	0	554
16:00	135	38	3	0	1	3	0	180	107	13	6	1	4	0	0	131
16:15	138	38	6	0	2	3	1	188	127	21	3	1	2	5	0	159
16:30	145	30	4	0	3	1	0	183	104	23	6	0	1	6	0	140
16:45	140	28	4	3	1	4	1	181	101	23	2	2	2	3	0	133
H/TOT	558	134	17	3	7	11	2	732	439	80	17	4	9	14	0	563
17:00	158	26	2	3	2	3	0	194	119	12	1	1	0	2	1	136
17:15	144	21	4	2	1	2	0	174	112	11	3	1	4	1	0	132
17:30	143	16	4	2	3	2	0	170	127	21	1	0	1	4	0	154
17:45	122	15	2	0	1	2	0	142	136	20	5	0	1	4	0	166
H/TOT	567	78	12	7	7	9	0	680	494	64	10	2	6	11	1	588
P/TOT	1642	331	55	21	22	28	3	2102	1349	241	45	18	23	28	1	1705

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 9

DATE: 21/06/2022

LOCATION: A6195 / A635 DONCASTER ROAD / A635

DAY: TUESDAY

TIME	TO ARM C A6195 (S)								FROM ARM C A6195 (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	180	53	13	8	1	1	0	256	139	57	5	9	0	0	0	210
07:15	214	70	10	13	1	4	0	312	177	41	7	12	0	1	0	238
07:30	237	62	15	10	0	5	0	329	189	58	15	6	1	3	0	272
07:45	229	48	8	13	1	1	0	300	214	46	13	6	1	2	1	283
H/TOT	860	233	46	44	3	11	0	1197	719	202	40	33	2	6	1	1003
08:00	211	47	18	10	2	0	0	288	195	42	12	11	0	0	1	261
08:15	206	42	12	16	0	3	0	279	195	46	11	11	1	1	1	266
08:30	186	43	7	9	0	0	0	245	198	35	16	17	1	0	0	267
08:45	193	40	13	18	2	1	0	267	154	38	7	16	0	1	0	216
H/TOT	796	172	50	53	4	4	0	1079	742	161	46	55	2	2	2	1010
P/TOT	1656	405	96	97	7	15	0	2276	1461	363	86	88	4	8	3	2013

TIME	TO ARM C A6195 (S)								FROM ARM C A6195 (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	195	39	7	4	0	1	0	246	183	35	13	7	2	1	0	241
15:15	213	49	16	9	2	0	0	289	169	49	12	5	0	2	0	237
15:30	212	46	10	5	2	2	0	277	191	52	12	11	2	3	0	271
15:45	194	42	11	11	0	0	2	260	213	35	13	4	0	8	0	273
H/TOT	814	176	44	29	4	3	2	1072	756	171	50	27	4	14	0	1022
16:00	235	45	8	7	0	4	0	299	206	41	8	7	0	2	0	264
16:15	191	60	8	11	0	4	0	274	251	52	9	8	1	7	1	329
16:30	259	50	7	1	1	3	0	321	215	60	5	5	0	4	0	289
16:45	240	49	4	8	0	2	0	303	227	59	8	6	0	6	2	308
H/TOT	925	204	27	27	1	13	0	1197	899	212	30	26	1	19	3	1190
17:00	280	38	4	4	0	3	0	329	217	37	7	8	0	3	0	272
17:15	265	41	4	5	0	3	1	319	284	45	4	0	0	3	0	336
17:30	217	30	6	3	0	3	0	259	253	34	7	2	0	6	0	302
17:45	206	28	6	7	0	8	0	255	207	33	3	4	0	2	1	250
H/TOT	968	137	20	19	0	17	1	1162	961	149	21	14	0	14	1	1160
P/TOT	2707	517	91	75	5	33	3	3431	2616	532	101	67	5	47	4	3372

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 9

DATE: 21/06/2022

LOCATION: A6195 / A635 DONCASTER ROAD / A635

DAY: TUESDAY

TIME	TO ARM D A635								FROM ARM D A635							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	168	59	4	11	2	1	0	245	113	52	16	12	1	0	0	194
07:15	211	58	12	8	2	1	0	292	115	42	11	13	0	2	0	183
07:30	189	65	14	10	3	4	0	285	198	49	10	15	1	2	0	275
07:45	206	50	14	8	2	3	0	283	174	44	16	17	1	1	0	253
H/TOT	774	232	44	37	9	9	0	1105	600	187	53	57	3	5	0	905
08:00	188	31	22	12	2	0	0	255	164	40	17	12	2	0	0	235
08:15	143	36	11	9	0	0	0	199	171	36	13	24	0	2	0	246
08:30	140	34	12	12	2	1	0	201	135	43	4	15	3	1	0	201
08:45	130	38	8	15	1	1	0	193	127	43	11	15	1	1	0	198
H/TOT	601	139	53	48	5	2	0	848	597	162	45	66	6	4	0	880
P/TOT	1375	371	97	85	14	11	0	1953	1197	349	98	123	9	9	0	1785

TIME	TO ARM D A635								FROM ARM D A635							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	163	39	12	10	1	1	0	226	152	41	10	6	2	3	1	215
15:15	157	40	9	7	2	1	0	216	166	58	13	13	0	1	0	251
15:30	146	45	7	17	1	2	0	218	163	51	13	13	1	2	0	243
15:45	168	31	9	6	0	1	0	215	164	59	9	8	0	3	0	243
H/TOT	634	155	37	40	4	5	0	875	645	209	45	40	3	9	1	952
16:00	166	28	11	7	3	1	0	216	191	48	9	7	1	3	0	259
16:15	190	36	8	6	2	3	0	245	180	51	7	12	1	4	1	256
16:30	182	52	9	7	1	4	0	255	213	44	11	7	1	1	0	277
16:45	165	43	5	8	1	5	1	228	221	46	3	12	0	2	1	285
H/TOT	703	159	33	28	7	13	1	944	805	189	30	38	3	10	2	1077
17:00	170	25	6	10	0	1	1	213	251	41	2	6	2	4	0	306
17:15	197	23	4	2	2	0	0	228	198	37	5	8	0	3	0	251
17:30	201	29	4	3	1	4	0	242	224	31	7	5	2	0	0	269
17:45	179	32	5	5	0	3	1	225	175	32	4	7	1	2	1	222
H/TOT	747	109	19	20	3	8	2	908	848	141	18	26	5	9	1	1048
P/TOT	2084	423	89	88	14	26	3	2727	2298	539	93	104	11	28	4	3077

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 10

DATE: 21/06/2022

LOCATION: PONTEFRACT ROAD / A6195 / MANVERS WAY

DAY: TUESDAY

TIME	A - D FROM PONTEFRACT ROAD TO A6195 (E)								A - C FROM PONTEFRACT ROAD TO MANVERS WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
07:15	1	0	0	0	0	0	0	1	4	0	0	0	0	0	0	4
07:30	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
07:45	1	1	0	0	1	0	0	3	3	0	0	0	0	0	0	3
H/TOT	5	1	0	0	1	0	0	7	9	0	0	0	0	0	0	9
08:00	3	0	0	0	0	0	0	3	3	0	0	0	0	0	0	3
08:15	2	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
08:30	3	0	0	0	0	0	0	3	3	1	0	0	0	0	0	4
08:45	1	1	0	0	0	0	0	2	4	1	0	0	0	0	0	5
H/TOT	9	1	0	0	0	0	0	10	12	2	0	0	0	0	0	14
P/TOT	14	2	0	0	1	0	0	17	21	2	0	0	0	0	0	23

TIME	A - D FROM PONTEFRACT ROAD TO A6195 (E)								A - C FROM PONTEFRACT ROAD TO MANVERS WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	0	2	0	0	0	0	0	2	2	0	1	0	0	0	0	3
15:15	3	0	0	0	0	0	0	3	0	0	0	0	0	1	0	1
15:30	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	2
15:45	2	1	0	0	0	0	0	3	1	1	0	0	0	0	0	2
H/TOT	6	3	0	0	0	0	0	9	4	2	1	0	0	1	0	8
16:00	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	7
16:15	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	1
16:30	2	0	0	0	0	0	0	2	3	0	0	0	0	0	0	3
16:45	6	1	0	0	0	0	0	7	1	0	0	0	0	0	0	1
H/TOT	8	1	0	0	0	1	0	10	10	2	0	0	0	0	0	12
17:00	3	0	0	0	0	0	0	3	5	0	0	0	0	0	0	5
17:15	3	0	0	0	0	0	0	3	2	0	0	0	0	0	0	2
17:30	0	1	1	0	0	0	0	2	3	2	0	0	0	0	0	5
17:45	3	0	0	0	0	0	0	3	2	0	0	0	0	0	0	2
H/TOT	9	1	1	0	0	0	0	11	12	2	0	0	0	0	0	14
P/TOT	23	5	1	0	0	1	0	30	26	6	1	0	0	1	0	34

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 10

DATE: 21/06/2022

LOCATION: PONTEFRACT ROAD / A6195 / MANVERS WAY

DAY: TUESDAY

TIME	B - A FROM A6195 (W) TO PONTEFRACT ROAD								B - D FROM A6195 (W) TO A6195 (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0	82	25	1	5	0	0	0	113
07:15	0	0	0	0	0	0	0	0	95	18	3	3	0	1	0	120
07:30	0	0	0	0	0	0	0	0	113	21	10	3	0	3	1	151
07:45	1	0	0	0	0	0	0	1	108	25	4	1	0	0	0	138
H/TOT	1	0	0	0	0	0	0	1	398	89	18	12	0	4	1	522
08:00	1	0	0	0	0	0	0	1	97	20	3	10	1	0	0	131
08:15	1	0	1	0	0	0	0	2	110	17	10	11	0	0	0	148
08:30	1	1	0	0	0	0	0	2	101	16	4	11	0	0	0	132
08:45	0	0	0	0	0	0	0	0	70	28	2	11	0	1	0	112
H/TOT	3	1	1	0	0	0	0	5	378	81	19	43	1	1	0	523
P/TOT	4	1	1	0	0	0	0	6	776	170	37	55	1	5	1	1045

TIME	B - A FROM A6195 (W) TO PONTEFRACT ROAD								B - D FROM A6195 (W) TO A6195 (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	2	1	0	0	0	0	0	3	109	23	10	3	0	0	0	145
15:15	1	0	0	0	0	0	0	1	89	17	2	4	0	0	0	112
15:30	1	1	0	0	0	0	0	2	123	28	7	7	1	1	0	167
15:45	3	0	0	0	0	0	0	3	104	19	6	2	0	1	0	132
H/TOT	7	2	0	0	0	0	0	9	425	87	25	16	1	2	0	556
16:00	2	0	0	0	0	0	0	2	125	23	7	5	1	0	0	161
16:15	1	0	0	0	0	0	0	1	150	20	3	2	0	4	0	179
16:30	1	1	0	0	0	0	0	2	131	42	2	1	0	3	0	179
16:45	1	0	0	0	0	0	0	1	114	28	5	5	0	1	0	153
H/TOT	5	1	0	0	0	0	0	6	520	113	17	13	1	8	0	672
17:00	5	1	0	0	0	0	0	6	119	15	0	4	1	0	0	139
17:15	2	0	0	0	0	0	0	2	137	22	1	1	0	4	0	165
17:30	2	1	0	0	0	0	0	3	119	15	3	1	0	2	0	140
17:45	6	1	0	0	0	0	0	7	105	15	1	2	0	0	0	123
H/TOT	15	3	0	0	0	0	0	18	480	67	5	8	1	6	0	567
P/TOT	27	6	0	0	0	0	0	33	1425	267	47	37	3	16	0	1795

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 10

DATE: 21/06/2022

LOCATION: PONTEFRACT ROAD / A6195 / MANVERS WAY

DAY: TUESDAY

TIME	C - B FROM MANVERS WAY TO A6195 (W)								C - A FROM MANVERS WAY TO PONTEFRACT ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	57	24	1	0	0	0	0	82	0	0	0	0	0	0	0	0
07:15	62	30	4	4	0	1	0	101	0	0	0	0	0	0	0	0
07:30	72	29	5	3	1	0	0	110	2	2	0	0	0	0	0	4
07:45	103	24	4	2	1	0	0	134	2	0	0	0	0	0	0	2
H/TOT	294	107	14	9	2	1	0	427	4	2	0	0	0	0	0	6
08:00	97	21	7	2	0	0	0	127	0	0	0	0	0	0	0	0
08:15	102	10	4	2	0	1	0	119	3	1	0	0	0	0	0	4
08:30	100	14	8	1	0	0	0	123	3	0	0	0	0	0	0	3
08:45	65	9	6	2	0	0	0	82	4	2	1	0	0	0	0	7
H/TOT	364	54	25	7	0	1	0	451	10	3	1	0	0	0	0	14
P/TOT	658	161	39	16	2	2	0	878	14	5	1	0	0	0	0	20

TIME	C - B FROM MANVERS WAY TO A6195 (W)								C - A FROM MANVERS WAY TO PONTEFRACT ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	81	14	2	1	0	2	0	100	3	0	0	0	0	0	0	3
15:15	84	14	1	2	0	0	0	101	3	0	1	0	0	0	0	4
15:30	93	18	6	2	0	1	0	120	7	4	0	0	0	0	0	11
15:45	70	25	0	4	0	0	0	99	2	2	0	0	0	3	0	7
H/TOT	328	71	9	9	0	3	0	420	15	6	1	0	0	3	0	25
16:00	98	19	1	2	0	1	0	121	2	2	0	0	0	0	0	4
16:15	74	10	1	0	1	0	0	86	2	2	0	0	0	0	0	4
16:30	93	14	1	3	0	1	0	112	5	1	0	0	0	0	0	6
16:45	90	18	1	2	0	0	0	111	5	1	0	0	0	0	1	7
H/TOT	355	61	4	7	1	2	0	430	14	6	0	0	0	0	1	21
17:00	120	14	1	2	0	0	0	137	7	2	0	0	0	0	0	9
17:15	99	7	1	2	1	2	0	112	8	1	0	0	0	0	0	9
17:30	82	11	2	3	0	0	0	98	3	1	0	0	0	0	0	4
17:45	74	10	1	1	0	0	0	86	5	0	0	0	0	0	0	5
H/TOT	375	42	5	8	1	2	0	433	23	4	0	0	0	0	0	27
P/TOT	1058	174	18	24	2	7	0	1283	52	16	1	0	0	3	1	73

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 10

DATE: 21/06/2022

LOCATION: PONTEFRACT ROAD / A6195 / MANVERS WAY

DAY: TUESDAY

TIME	D - C FROM A6195 (E) TO MANVERS WAY								D - B FROM A6195 (E) TO A6195 (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	78	15	5	2	2	2	0	104	88	34	10	5	0	0	0	137
07:15	112	19	6	5	0	3	0	145	99	39	7	9	1	0	0	155
07:30	126	27	8	4	0	3	0	168	111	31	6	5	0	2	0	155
07:45	90	19	5	8	0	1	0	123	144	29	4	3	0	0	0	180
H/TOT	406	80	24	19	2	9	0	540	442	133	27	22	1	2	0	627
08:00	101	16	5	3	0	0	0	125	117	20	13	3	2	0	0	155
08:15	95	15	6	9	0	2	0	127	126	24	7	5	0	0	0	162
08:30	85	14	5	6	0	0	0	110	104	22	4	4	0	1	0	135
08:45	98	18	7	7	0	0	0	130	95	22	7	7	1	1	0	133
H/TOT	379	63	23	25	0	2	0	492	442	88	31	19	3	2	0	585
P/TOT	785	143	47	44	2	11	0	1032	884	221	58	41	4	4	0	1212

TIME	D - C FROM A6195 (E) TO MANVERS WAY								D - B FROM A6195 (E) TO A6195 (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	94	12	5	1	0	0	2	114	98	16	6	1	0	1	0	122
15:15	86	18	6	6	1	0	0	117	114	26	7	2	1	0	0	150
15:30	73	16	4	4	1	2	0	100	143	33	4	2	0	2	0	184
15:45	77	17	8	5	0	0	0	107	127	18	3	3	0	2	0	153
H/TOT	330	63	23	16	2	2	2	438	482	93	20	8	1	5	0	609
16:00	85	19	3	6	0	1	0	114	136	23	5	3	0	3	0	170
16:15	78	24	8	3	0	3	1	117	132	29	3	6	0	1	0	171
16:30	96	23	3	3	0	3	1	129	158	22	2	0	2	0	0	184
16:45	106	24	0	3	0	1	0	134	141	25	5	2	0	1	1	175
H/TOT	365	90	14	15	0	8	2	494	567	99	15	11	2	5	1	700
17:00	112	12	0	5	0	0	0	129	150	21	4	2	0	1	0	178
17:15	110	12	1	1	0	0	1	125	172	20	2	4	0	4	0	202
17:30	100	8	4	1	0	2	0	115	137	16	2	0	0	0	0	155
17:45	81	10	3	4	0	4	0	102	124	20	2	5	0	4	0	155
H/TOT	403	42	8	11	0	6	1	471	583	77	10	11	0	9	0	690
P/TOT	1098	195	45	42	2	16	5	1403	1632	269	45	30	3	19	1	1999

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 10

DATE: 21/06/2022

LOCATION: PONTEFRACT ROAD / A6195 / MANVERS WAY

DAY: TUESDAY

TIME	TO ARM A PONTEFRACT ROAD								FROM ARM A PONTEFRACT ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	1	0	0	0	0	0	1	3	0	0	0	0	0	0	3
07:15	1	0	0	0	0	0	0	1	6	1	0	0	0	0	0	7
07:30	2	2	0	0	0	0	0	4	5	0	0	0	0	0	0	5
07:45	3	0	0	0	0	0	0	3	6	1	0	0	1	0	0	8
H/TOT	6	3	0	0	0	0	0	9	20	2	0	0	1	0	0	23
08:00	4	0	0	0	0	0	0	4	6	1	0	0	0	0	0	7
08:15	5	1	1	0	0	0	0	7	5	3	1	0	0	0	0	9
08:30	4	1	0	0	0	0	0	5	8	2	0	0	0	0	0	10
08:45	5	2	1	0	0	0	0	8	7	2	1	0	0	0	0	10
H/TOT	18	4	2	0	0	0	0	24	26	8	2	0	0	0	0	36
P/TOT	24	7	2	0	0	0	0	33	46	10	2	0	1	0	0	59

TIME	TO ARM A PONTEFRACT ROAD								FROM ARM A PONTEFRACT ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	7	4	0	0	0	0	0	11	3	2	1	0	0	0	0	6
15:15	5	0	1	0	0	0	0	6	5	1	0	0	0	1	0	7
15:30	10	6	1	0	0	0	0	17	3	1	0	0	0	0	0	4
15:45	5	4	0	0	0	3	0	12	7	2	0	0	0	0	0	9
H/TOT	27	14	2	0	0	3	0	46	18	6	1	0	0	1	0	26
16:00	5	2	0	0	0	0	0	7	7	4	0	0	0	0	0	11
16:15	4	2	0	0	0	0	0	6	3	0	0	0	0	1	0	4
16:30	8	2	0	0	0	0	0	10	7	0	0	0	0	0	0	7
16:45	9	1	0	0	0	0	1	11	9	1	1	0	0	0	0	11
H/TOT	26	7	0	0	0	0	1	34	26	5	1	0	0	1	0	33
17:00	12	3	0	0	0	0	0	15	8	0	0	0	0	0	0	8
17:15	12	1	0	0	0	1	0	14	8	0	0	0	0	0	0	8
17:30	8	3	0	0	0	0	0	11	8	4	1	0	0	0	0	13
17:45	11	2	0	0	0	0	0	13	9	0	0	0	0	0	0	9
H/TOT	43	9	0	0	0	1	0	53	33	4	1	0	0	0	0	38
P/TOT	96	30	2	0	0	4	1	133	77	15	3	0	0	2	0	97

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 10

DATE: 21/06/2022

LOCATION: PONTEFRACT ROAD / A6195 / MANVERS WAY

DAY: TUESDAY

TIME	TO ARM B A6195 (W)								FROM ARM B A6195 (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	146	58	11	5	0	0	0	220	116	35	8	5	0	0	0	164
07:15	162	70	11	13	1	1	0	258	169	42	7	4	1	1	0	224
07:30	185	60	11	8	1	2	0	267	198	36	16	3	0	3	1	257
07:45	249	53	8	5	1	0	0	316	220	38	6	1	0	1	0	266
H/TOT	742	241	41	31	3	3	0	1061	703	151	37	13	1	5	1	911
08:00	214	42	20	5	2	0	0	283	204	40	5	11	1	0	0	261
08:15	229	37	12	7	0	1	0	286	199	36	21	14	0	0	0	270
08:30	206	37	12	5	0	1	0	261	210	34	14	14	1	1	0	274
08:45	162	31	14	9	1	1	0	218	175	46	10	12	0	1	0	244
H/TOT	811	147	58	26	3	3	0	1048	788	156	50	51	2	2	0	1049
P/TOT	1553	388	99	57	6	6	0	2109	1491	307	87	64	3	7	1	1960

TIME	TO ARM B A6195 (W)								FROM ARM B A6195 (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	180	30	8	2	0	3	0	223	200	41	13	6	0	0	0	260
15:15	200	41	8	4	1	0	0	254	187	37	7	9	1	1	0	242
15:30	237	51	10	4	0	3	0	305	216	46	10	10	2	3	0	287
15:45	201	43	3	7	0	2	0	256	198	38	9	7	0	2	0	254
H/TOT	818	165	29	17	1	8	0	1038	801	162	39	32	3	6	0	1043
16:00	236	44	6	5	0	4	0	295	226	49	10	6	1	1	0	293
16:15	208	39	4	6	1	1	0	259	241	50	6	3	0	4	0	304
16:30	253	36	3	3	2	1	0	298	245	57	4	5	0	3	0	314
16:45	233	43	7	4	0	1	1	289	228	51	7	5	0	2	0	293
H/TOT	930	162	20	18	3	7	1	1141	940	207	27	19	1	10	0	1204
17:00	270	35	5	4	0	1	0	315	262	27	5	7	1	3	0	305
17:15	274	27	3	6	1	6	0	317	294	43	4	2	1	4	0	348
17:30	224	28	4	3	0	0	0	259	256	29	3	1	0	3	0	292
17:45	202	30	3	6	0	4	0	245	235	26	1	4	0	1	0	267
H/TOT	970	120	15	19	1	11	0	1136	1047	125	13	14	2	11	0	1212
P/TOT	2718	447	64	54	5	26	1	3315	2788	494	79	65	6	27	0	3459

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 10

DATE: 21/06/2022

LOCATION: PONTEFRACT ROAD / A6195 / MANVERS WAY

DAY: TUESDAY

TIME	TO ARM C MANVERS WAY								FROM ARM C MANVERS WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	114	25	12	2	2	2	0	157	128	48	5	7	0	0	0	188
07:15	190	43	10	6	1	3	0	253	137	54	6	10	1	1	0	209
07:30	211	42	14	4	0	3	0	274	166	57	14	9	1	1	0	248
07:45	204	32	7	8	0	2	0	253	213	50	10	5	1	1	0	280
H/TOT	719	142	43	20	3	10	0	937	644	209	35	31	3	3	0	925
08:00	210	36	7	4	0	0	0	257	197	42	15	5	0	2	1	262
08:15	185	34	16	12	0	2	0	249	191	33	11	5	1	1	1	243
08:30	196	32	15	9	1	1	0	254	198	28	17	7	0	0	0	250
08:45	207	37	15	8	0	0	0	267	149	22	11	6	0	0	0	188
H/TOT	798	139	53	33	1	3	0	1027	735	125	54	23	1	3	2	943
P/TOT	1517	281	96	53	4	13	0	1964	1379	334	89	54	4	6	2	1868

TIME	TO ARM C MANVERS WAY								FROM ARM C MANVERS WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	185	29	9	4	0	0	2	229	172	27	7	5	2	4	0	217
15:15	183	38	11	11	2	2	0	247	172	33	10	4	1	3	0	223
15:30	166	34	7	7	2	4	0	220	176	45	12	7	0	2	0	242
15:45	169	37	11	10	0	1	0	228	187	42	7	6	0	9	0	251
H/TOT	703	138	38	32	4	7	2	924	707	147	36	22	3	18	0	933
16:00	189	47	6	7	0	2	0	251	196	42	4	4	0	3	0	249
16:15	169	54	11	4	0	3	1	242	175	34	2	3	1	2	0	217
16:30	212	37	5	7	0	3	1	265	204	33	6	6	0	3	0	252
16:45	220	47	2	3	0	2	0	274	199	42	3	7	0	3	1	255
H/TOT	790	185	24	21	0	10	2	1032	774	151	15	20	1	11	1	973
17:00	255	23	5	8	0	3	0	294	266	43	5	2	0	3	0	319
17:15	267	33	4	2	1	0	1	308	241	20	5	2	1	3	0	272
17:30	238	23	4	1	0	3	0	269	209	26	4	4	0	4	0	247
17:45	207	20	3	6	0	5	0	241	165	28	3	2	0	5	0	203
H/TOT	967	99	16	17	1	11	1	1112	881	117	17	10	1	15	0	1041
P/TOT	2460	422	78	70	5	28	5	3068	2362	415	68	52	5	44	1	2947

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 10

DATE: 21/06/2022

LOCATION: PONTEFRACT ROAD / A6195 / MANVERS WAY

DAY: TUESDAY

TIME	TO ARM D A6195 (E)								FROM ARM D A6195 (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	153	49	5	12	0	0	0	219	166	50	15	7	2	2	0	242
07:15	173	42	5	9	1	1	0	231	214	58	13	14	1	3	0	303
07:30	209	48	19	9	0	4	1	290	238	59	14	9	0	5	0	325
07:45	217	52	10	4	1	1	0	285	234	48	9	11	0	1	0	303
H/TOT	752	191	39	34	2	6	1	1025	852	215	51	41	3	11	0	1173
08:00	200	42	11	13	1	2	1	270	221	37	18	6	2	0	0	284
08:15	198	39	17	14	1	0	1	270	222	39	13	14	0	2	0	290
08:30	199	30	13	17	0	0	0	259	189	36	9	10	0	1	0	245
08:45	151	40	6	15	0	1	0	213	194	40	14	14	1	1	0	264
H/TOT	748	151	47	59	2	3	2	1012	826	152	54	44	3	4	0	1083
P/TOT	1500	342	86	93	4	9	3	2037	1678	367	105	85	6	15	0	2256

TIME	TO ARM D A6195 (E)								FROM ARM D A6195 (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	197	38	15	7	2	2	0	261	194	31	11	2	0	1	2	241
15:15	177	36	10	6	1	3	0	233	201	44	13	8	2	0	0	268
15:30	200	51	13	12	1	2	0	279	218	50	9	6	1	4	0	288
15:45	221	35	13	4	0	7	0	280	204	37	11	8	0	2	0	262
H/TOT	795	160	51	29	4	14	0	1053	817	162	44	24	3	7	2	1059
16:00	221	44	10	7	1	2	0	285	222	42	8	9	0	4	0	285
16:15	249	42	4	5	0	7	0	307	211	53	11	9	0	4	1	289
16:30	239	60	7	4	0	5	0	315	256	45	5	3	2	3	1	315
16:45	224	52	7	10	0	4	0	297	250	49	5	5	0	2	1	312
H/TOT	933	198	28	26	1	18	0	1204	939	189	29	26	2	13	3	1201
17:00	261	42	4	4	1	3	0	315	262	33	4	7	0	1	0	307
17:15	274	34	5	1	0	5	0	319	284	32	3	5	0	5	1	330
17:30	243	30	6	2	0	6	0	287	240	25	6	1	0	2	0	274
17:45	195	33	3	3	0	5	0	239	206	31	5	9	0	8	0	259
H/TOT	973	139	18	10	1	19	0	1160	992	121	18	22	0	16	1	1170
P/TOT	2701	497	97	65	6	51	0	3417	2748	472	91	72	5	36	6	3430

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 11

DATE: 21/06/2022

LOCATION: NEWLANDS WAY / WATH ROAD / DEARNE VALLEY PKWY / A6195

DAY: TUESDAY

TIME	A - E FROM NEWLANDS WAY TO A6195								A - D FROM NEWLANDS WAY TO WATH ROAD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
07:15	1	0	1	1	0	0	0	3	0	0	0	0	0	0	0	0
07:30	4	0	2	0	0	0	1	7	0	0	0	0	0	0	0	0
07:45	3	0	0	0	0	0	0	3	0	1	0	0	0	0	0	1
H/TOT	10	0	3	1	0	0	1	15	0	1	0	0	0	0	0	1
08:00	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	1
08:15	1	0	2	0	0	0	0	3	0	0	0	0	0	0	0	0
08:30	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	2
08:45	2	0	0	2	0	0	0	4	1	0	0	0	0	0	0	1
H/TOT	4	0	2	3	0	0	0	9	3	1	0	0	0	0	0	4
P/TOT	14	0	5	4	0	0	1	24	3	2	0	0	0	0	0	5

TIME	A - E FROM NEWLANDS WAY TO A6195								A - D FROM NEWLANDS WAY TO WATH ROAD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	5	0	0	0	0	0	0	5	5	1	0	0	0	0	0	6
15:15	3	1	0	0	0	0	0	4	2	0	0	0	0	0	0	2
15:30	5	3	0	0	0	0	0	8	0	0	0	0	0	0	0	0
15:45	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
H/TOT	14	5	0	0	0	0	0	19	7	1	0	0	0	0	0	8
16:00	9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0
16:15	2	0	0	0	0	0	0	2	3	0	0	0	0	0	0	3
16:30	6	0	0	0	0	0	0	6	6	0	0	1	0	0	0	7
16:45	3	0	0	1	0	0	0	4	2	0	0	0	0	0	0	2
H/TOT	20	0	0	1	0	0	0	21	11	0	0	1	0	0	0	12
17:00	24	0	0	0	0	0	0	24	7	0	0	0	0	0	0	7
17:15	7	1	0	0	0	0	0	8	3	0	0	0	0	0	0	3
17:30	9	0	0	0	0	0	0	9	1	0	0	0	0	0	0	1
17:45	5	1	0	0	0	0	0	6	0	0	0	0	0	0	0	0
H/TOT	45	2	0	0	0	0	0	47	11	0	0	0	0	0	0	11
P/TOT	79	7	0	1	0	0	0	87	29	1	0	1	0	0	0	31

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 11

DATE: 21/06/2022

LOCATION: NEWLANDS WAY / WATH ROAD / DEARNE VALLEY PKWY / A6195

DAY: TUESDAY

TIME	A - C FROM NEWLANDS WAY TO DEARNE VALLEY PKWY								A - B FROM NEWLANDS WAY TO WATH ROAD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2
07:15	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
07:30	4	1	0	0	0	0	0	5	2	0	0	0	0	0	0	2
07:45	3	0	1	0	0	0	0	4	1	1	0	0	0	0	0	2
H/TOT	9	1	1	0	0	0	0	11	5	1	0	0	0	0	0	6
08:00	1	2	0	1	0	0	0	4	0	1	0	0	0	0	0	1
08:15	3	0	0	0	0	0	0	3	1	1	0	0	0	0	0	2
08:30	1	1	3	2	0	0	0	7	2	0	0	0	0	0	0	2
08:45	4	2	2	0	0	0	0	8	2	0	0	0	0	0	0	2
H/TOT	9	5	5	3	0	0	0	22	5	2	0	0	0	0	0	7
P/TOT	18	6	6	3	0	0	0	33	10	3	0	0	0	0	0	13

TIME	A - C FROM NEWLANDS WAY TO DEARNE VALLEY PKWY								A - B FROM NEWLANDS WAY TO WATH ROAD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	5	2	0	0	0	0	0	7	3	1	0	0	0	0	0	4
15:15	1	1	0	0	0	0	0	2	5	0	0	0	0	0	0	5
15:30	4	1	0	0	0	0	0	5	1	2	0	0	0	0	0	3
15:45	3	0	0	0	0	0	0	3	2	0	1	0	0	0	0	3
H/TOT	13	4	0	0	0	0	0	17	11	3	1	0	0	0	0	15
16:00	7	0	1	0	0	0	0	8	6	2	0	0	0	0	0	8
16:15	2	0	2	0	0	0	0	4	1	0	0	0	0	0	0	1
16:30	4	0	0	0	0	0	0	4	1	0	0	0	0	0	0	1
16:45	5	0	1	0	0	1	0	7	3	1	0	0	0	0	0	4
H/TOT	18	0	4	0	0	1	0	23	11	3	0	0	0	0	0	14
17:00	16	0	0	1	0	1	0	18	11	1	0	0	0	0	0	12
17:15	6	1	0	0	0	0	0	7	6	0	0	0	0	0	0	6
17:30	10	0	0	0	0	0	0	10	9	0	0	0	0	0	0	9
17:45	4	0	0	0	0	0	0	4	10	0	0	0	0	0	0	10
H/TOT	36	1	0	1	0	1	0	39	36	1	0	0	0	0	0	37
P/TOT	67	5	4	1	0	2	0	79	58	7	1	0	0	0	0	66

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 11

DATE: 21/06/2022

LOCATION: NEWLANDS WAY / WATH ROAD / DEARNE VALLEY PKWY / A6195

DAY: TUESDAY

TIME	A - A FROM NEWLANDS WAY TO NEWLANDS WAY								B - A FROM WATH ROAD (N) TO NEWLANDS WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	1	0	0	0	0	0	0	1	5	0	0	0	0	0	0	5
07:15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
07:30	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	5
07:45	0	0	0	0	0	0	0	0	7	1	0	0	0	0	0	8
H/TOT	1	0	0	0	0	0	0	1	17	3	0	0	0	0	0	20
08:00	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
08:15	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	4
08:30	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	5
08:45	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	15	2	1	0	0	1	0	19
P/TOT	1	0	0	0	0	0	0	1	32	5	1	0	0	1	0	39

TIME	A - A FROM NEWLANDS WAY TO NEWLANDS WAY								B - A FROM WATH ROAD (N) TO NEWLANDS WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	6
15:30	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
15:45	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	4
H/TOT	0	0	0	0	0	0	0	0	7	4	2	0	0	0	0	13
16:00	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3
16:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
16:30	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
16:45	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	14	2	1	0	0	0	0	17
17:00	0	0	0	0	0	0	0	0	10	0	0	0	0	1	0	11
17:15	0	0	0	0	0	0	0	0	9	1	0	0	0	2	0	12
17:30	0	0	0	0	0	0	0	0	21	0	0	0	0	1	0	22
17:45	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	11
H/TOT	0	0	0	0	0	0	0	0	51	1	0	0	0	4	0	56
P/TOT	0	0	0	0	0	0	0	0	72	7	3	0	0	4	0	86

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 11

DATE: 21/06/2022

LOCATION: NEWLANDS WAY / WATH ROAD / DEARNE VALLEY PKWY / A6195

DAY: TUESDAY

TIME	B - E FROM WATH ROAD (N) TO A6195								B - D FROM WATH ROAD (N) TO WATH ROAD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	40	19	2	2	0	0	0	63	10	1	0	0	0	1	0	12
07:15	71	21	2	0	1	2	0	97	11	9	0	1	0	0	0	21
07:30	63	12	7	0	0	1	0	83	20	5	0	0	0	0	0	25
07:45	80	17	1	0	0	1	0	99	16	7	1	0	0	0	0	24
H/TOT	254	69	12	2	1	4	0	342	57	22	1	1	0	1	0	82
08:00	68	10	3	1	0	0	0	82	16	0	1	1	1	0	0	19
08:15	68	16	6	1	0	0	0	91	13	2	1	1	0	0	0	17
08:30	52	12	4	0	1	1	0	70	19	0	1	1	0	0	0	21
08:45	60	14	6	1	0	0	0	81	9	2	0	1	1	0	0	13
H/TOT	248	52	19	3	1	1	0	324	57	4	3	4	2	0	0	70
P/TOT	502	121	31	5	2	5	0	666	114	26	4	5	2	1	0	152

TIME	B - E FROM WATH ROAD (N) TO A6195								B - D FROM WATH ROAD (N) TO WATH ROAD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	54	12	1	1	0	0	0	68	7	1	3	0	0	0	1	12
15:15	60	12	1	1	1	0	0	75	20	5	1	0	0	1	0	27
15:30	55	10	2	0	2	1	0	70	23	4	2	0	0	1	0	30
15:45	56	14	3	0	0	1	0	74	23	2	1	0	0	1	0	27
H/TOT	225	48	7	2	3	2	0	287	73	12	7	0	0	3	1	96
16:00	51	13	2	2	0	1	0	69	17	4	0	0	0	0	0	21
16:15	46	14	1	0	0	1	0	62	17	5	0	0	0	0	0	22
16:30	60	20	2	0	0	0	0	82	29	5	1	0	0	1	0	36
16:45	60	10	1	0	0	0	0	71	17	6	2	0	0	0	0	25
H/TOT	217	57	6	2	0	2	0	284	80	20	3	0	0	1	0	104
17:00	56	5	3	0	0	2	0	66	18	1	0	0	0	2	0	21
17:15	70	9	2	0	1	2	0	84	31	3	0	0	0	1	0	35
17:30	59	8	1	0	0	0	0	68	27	1	0	0	0	1	0	29
17:45	52	3	0	1	0	1	0	57	15	2	0	0	0	1	0	18
H/TOT	237	25	6	1	1	5	0	275	91	7	0	0	0	5	0	103
P/TOT	679	130	19	5	4	9	0	846	244	39	10	0	0	9	1	303

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 11

DATE: 21/06/2022

LOCATION: NEWLANDS WAY / WATH ROAD / DEARNE VALLEY PKWY / A6195

DAY: TUESDAY

TIME	C - B FROM DEARNE VALLEY PKWY TO WATH ROAD (N)								C - A FROM DEARNE VALLEY PKWY TO NEWLANDS WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	6	1	1	1	1	0	0	10	4	1	1	0	0	0	0	6
07:15	15	1	1	0	0	0	0	17	3	0	1	1	0	0	0	5
07:30	17	2	2	3	0	0	0	24	4	0	2	0	0	0	0	6
07:45	11	3	1	1	1	0	0	17	8	0	0	1	0	0	0	9
H/TOT	49	7	5	5	2	0	0	68	19	1	4	2	0	0	0	26
08:00	18	3	1	1	0	0	0	23	9	0	0	2	0	0	0	11
08:15	17	4	2	1	0	0	0	24	13	1	0	0	0	0	0	14
08:30	29	9	0	1	1	0	0	40	6	0	0	0	0	0	0	6
08:45	22	7	0	1	0	0	0	30	5	1	0	0	0	1	0	7
H/TOT	86	23	3	4	1	0	0	117	33	2	0	2	0	1	0	38
P/TOT	135	30	8	9	3	0	0	185	52	3	4	4	0	1	0	64

TIME	C - B FROM DEARNE VALLEY PKWY TO WATH ROAD (N)								C - A FROM DEARNE VALLEY PKWY TO NEWLANDS WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	33	10	2	1	1	0	0	47	1	0	0	0	0	0	0	1
15:15	37	9	2	1	0	0	0	49	0	1	1	0	0	0	0	2
15:30	33	9	1	1	0	1	0	45	1	0	0	0	0	0	0	1
15:45	31	3	0	1	0	0	0	35	0	0	2	0	0	0	0	2
H/TOT	134	31	5	4	1	1	0	176	2	1	3	0	0	0	0	6
16:00	42	4	1	0	1	0	0	48	0	0	1	0	0	0	0	1
16:15	50	6	0	2	0	0	0	58	0	1	1	0	0	0	0	2
16:30	41	3	0	0	0	0	0	44	4	0	0	0	0	0	0	4
16:45	48	10	0	0	0	0	0	58	3	0	1	0	0	0	0	4
H/TOT	181	23	1	2	1	0	0	208	7	1	3	0	0	0	0	11
17:00	51	7	1	0	1	0	0	60	2	1	0	0	0	0	0	3
17:15	58	6	1	2	0	0	0	67	4	1	0	0	0	0	0	5
17:30	47	5	2	1	0	0	0	55	6	0	0	0	0	0	0	6
17:45	41	3	1	0	0	1	0	46	6	0	0	0	0	0	0	6
H/TOT	197	21	5	3	1	1	0	228	18	2	0	0	0	0	0	20
P/TOT	512	75	11	9	3	2	0	612	27	4	6	0	0	0	0	37

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 11

DATE: 21/06/2022

LOCATION: NEWLANDS WAY / WATH ROAD / DEARNE VALLEY PKWY / A6195

DAY: TUESDAY

TIME	C - E FROM DEARNE VALLEY PKWY TO A6195								C - D FROM DEARNE VALLEY PKWY TO WATH ROAD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	67	22	6	4	0	0	0	99	15	2	1	0	0	0	0	18
07:15	96	25	4	1	0	0	0	126	22	2	2	1	2	0	0	29
07:30	124	31	7	4	0	2	0	168	28	3	1	1	0	0	0	33
07:45	122	27	4	1	0	0	0	154	20	7	0	0	0	0	0	27
H/TOT	409	105	21	10	0	2	0	547	85	14	4	2	2	0	0	107
08:00	115	31	4	7	0	0	0	157	24	10	2	0	0	0	0	36
08:15	125	22	12	15	0	0	0	174	30	2	2	0	2	0	0	36
08:30	139	23	8	13	0	0	0	183	25	4	2	0	0	0	0	31
08:45	106	34	4	10	0	1	0	155	26	4	0	0	0	0	0	30
H/TOT	485	110	28	45	0	1	0	669	105	20	6	0	2	0	0	133
P/TOT	894	215	49	55	0	3	0	1216	190	34	10	2	4	0	0	240

TIME	C - E FROM DEARNE VALLEY PKWY TO A6195								C - D FROM DEARNE VALLEY PKWY TO WATH ROAD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	133	36	11	3	0	0	0	183	38	6	0	3	0	1	0	48
15:15	122	31	7	8	0	0	0	168	43	12	3	1	1	0	0	60
15:30	137	34	9	7	0	2	0	189	46	16	1	0	0	0	0	63
15:45	134	28	6	7	0	1	0	176	49	9	2	0	0	0	0	60
H/TOT	526	129	33	25	0	3	0	716	176	43	6	4	1	1	0	231
16:00	155	40	10	2	0	0	0	207	65	16	0	0	2	0	0	83
16:15	163	36	5	3	0	3	0	210	57	13	2	0	1	0	0	73
16:30	183	44	1	7	0	3	0	238	63	13	4	1	0	0	0	81
16:45	146	44	6	3	0	2	0	201	66	10	4	0	0	0	0	80
H/TOT	647	164	22	15	0	8	0	856	251	52	10	1	3	0	0	317
17:00	179	21	4	8	0	0	0	212	54	14	0	0	1	0	0	69
17:15	191	42	2	0	0	2	0	237	56	10	2	1	1	0	0	70
17:30	177	25	2	1	0	3	0	208	52	11	1	0	0	0	0	64
17:45	165	24	1	3	0	1	0	194	61	4	0	0	0	0	0	65
H/TOT	712	112	9	12	0	6	0	851	223	39	3	1	2	0	0	268
P/TOT	1885	405	64	52	0	17	0	2423	650	134	19	6	6	1	0	816

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 11

DATE: 21/06/2022

LOCATION: NEWLANDS WAY / WATH ROAD / DEARNE VALLEY PKWY / A6195

DAY: TUESDAY

TIME	C - C FROM DEARNE VALLEY PKWY TO DEARNE VALLEY PKWY								D - C FROM WATH ROAD (S) TO DEARNE VALLEY PKWY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0	22	16	0	1	0	0	0	39
07:15	0	0	0	0	0	0	0	0	31	11	1	0	0	0	0	43
07:30	0	0	0	0	0	0	0	0	28	11	7	0	0	0	0	46
07:45	0	0	0	0	0	0	0	0	31	9	3	0	1	0	0	44
H/TOT	0	0	0	0	0	0	0	0	112	47	11	1	1	0	0	172
08:00	0	0	0	0	0	0	0	0	38	8	2	1	0	0	0	49
08:15	0	0	0	0	0	0	0	0	57	13	1	0	0	0	0	71
08:30	0	0	0	0	0	0	0	0	36	4	1	1	0	0	0	42
08:45	0	0	0	0	0	0	0	0	58	6	3	1	1	0	0	69
H/TOT	0	0	0	0	0	0	0	0	189	31	7	3	1	0	0	231
P/TOT	0	0	0	0	0	0	0	0	301	78	18	4	2	0	0	403

TIME	C - C FROM DEARNE VALLEY PKWY TO DEARNE VALLEY PKWY								D - C FROM WATH ROAD (S) TO DEARNE VALLEY PKWY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	0	0	0	0	0	0	0	0	46	5	2	0	0	0	0	53
15:15	0	0	0	0	0	0	0	0	47	4	2	0	1	0	0	54
15:30	0	0	0	0	0	0	0	0	49	7	1	0	0	0	0	57
15:45	0	0	0	0	0	0	0	0	48	6	2	1	1	0	0	58
H/TOT	0	0	0	0	0	0	0	0	190	22	7	1	2	0	0	222
16:00	0	0	0	0	0	0	0	0	49	3	1	0	0	0	0	53
16:15	0	0	0	0	0	0	0	0	42	4	0	1	1	0	0	48
16:30	0	0	0	0	0	0	0	0	58	6	1	0	0	1	0	66
16:45	0	0	0	0	0	0	0	0	63	11	0	0	0	0	0	74
H/TOT	0	0	0	0	0	0	0	0	212	24	2	1	1	1	0	241
17:00	0	0	0	0	0	0	0	0	59	3	0	0	0	0	0	62
17:15	0	0	0	0	0	0	0	0	57	8	0	0	0	1	0	66
17:30	0	0	0	0	0	0	0	0	46	3	0	0	1	0	0	50
17:45	0	0	0	0	0	0	0	0	49	5	0	0	1	1	0	56
H/TOT	0	0	0	0	0	0	0	0	211	19	0	0	2	2	0	234
P/TOT	0	0	0	0	0	0	0	0	613	65	9	2	5	3	0	697

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 11

DATE: 21/06/2022

LOCATION: NEWLANDS WAY / WATH ROAD / DEARNE VALLEY PKWY / A6195

DAY: TUESDAY

TIME	D - B FROM WATH ROAD (S) TO WATH ROAD (N)								D - A FROM WATH ROAD (S) TO NEWLANDS WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	10	2	0	0	0	0	0	12	1	0	0	0	0	0	0	1
07:15	22	4	0	0	0	1	0	27	0	0	0	0	0	0	0	0
07:30	23	6	1	0	1	1	0	32	1	0	0	0	0	0	0	1
07:45	19	4	1	0	0	0	0	24	5	0	0	0	0	0	0	5
H/TOT	74	16	2	0	1	2	0	95	7	0	0	0	0	0	0	7
08:00	33	5	0	0	1	0	0	39	3	0	0	0	0	0	0	3
08:15	23	3	0	0	0	0	0	26	5	0	0	0	0	0	0	5
08:30	11	3	1	0	0	1	0	16	1	0	0	0	0	0	0	1
08:45	37	5	1	0	1	0	0	44	2	0	0	0	0	0	0	2
H/TOT	104	16	2	0	2	1	0	125	11	0	0	0	0	0	0	11
P/TOT	178	32	4	0	3	3	0	220	18	0	0	0	0	0	0	18

TIME	D - B FROM WATH ROAD (S) TO WATH ROAD (N)								D - A FROM WATH ROAD (S) TO NEWLANDS WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	32	5	0	0	0	1	0	38	1	0	0	0	0	0	0	1
15:15	26	7	0	0	0	1	0	34	0	0	0	0	0	0	0	0
15:30	12	5	1	0	0	0	0	18	0	1	0	0	0	0	0	1
15:45	19	4	1	0	1	0	0	25	1	0	0	0	0	0	0	1
H/TOT	89	21	2	0	1	2	0	115	2	1	0	0	0	0	0	3
16:00	30	3	0	0	0	0	0	33	2	0	0	0	0	0	0	2
16:15	38	6	1	0	0	1	1	47	1	0	1	0	0	0	0	2
16:30	29	5	0	0	0	0	0	34	0	1	0	0	0	0	0	1
16:45	36	5	1	0	1	0	0	43	1	0	0	0	0	0	0	1
H/TOT	133	19	2	0	1	1	1	157	4	1	1	0	0	0	0	6
17:00	29	3	1	0	0	0	0	33	1	0	0	0	0	0	0	1
17:15	27	4	1	0	0	1	0	33	1	1	0	0	0	0	0	2
17:30	27	4	1	0	0	1	0	33	1	0	0	0	0	0	0	1
17:45	20	1	0	0	0	1	0	22	1	0	0	0	0	0	0	1
H/TOT	103	12	3	0	0	3	0	121	4	1	0	0	0	0	0	5
P/TOT	325	52	7	0	2	6	1	393	10	3	1	0	0	0	0	14

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 11

DATE: 21/06/2022

LOCATION: NEWLANDS WAY / WATH ROAD / DEARNE VALLEY PKWY / A6195

DAY: TUESDAY

TIME	E - D FROM A6195 TO WATH ROAD (S)								E - C FROM A6195 TO DEARNE VALLEY PKWY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	1	0	0	0	0	0	0	1	112	59	8	4	0	0	0	183
07:15	2	2	1	0	0	0	0	5	112	55	8	12	1	1	0	189
07:30	2	0	0	0	0	0	0	2	127	43	8	7	0	2	0	187
07:45	6	1	0	0	0	0	0	7	161	36	4	2	1	0	0	204
H/TOT	11	3	1	0	0	0	0	15	512	193	28	25	2	3	0	763
08:00	5	1	0	0	0	0	0	6	140	39	14	4	1	0	0	198
08:15	4	1	0	0	0	0	0	5	153	25	12	4	0	1	0	195
08:30	3	1	0	0	0	0	0	4	144	29	10	3	0	1	0	187
08:45	5	0	0	0	0	0	0	5	104	28	9	8	1	0	0	150
H/TOT	17	3	0	0	0	0	0	20	541	121	45	19	2	2	0	730
P/TOT	28	6	1	0	0	0	0	35	1053	314	73	44	4	5	0	1493

TIME	E - D FROM A6195 TO WATH ROAD (S)								E - C FROM A6195 TO DEARNE VALLEY PKWY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	3	1	0	0	0	0	0	4	120	20	7	3	0	3	0	153
15:15	7	0	0	0	0	0	0	7	140	30	5	4	1	0	0	180
15:30	6	0	0	0	0	0	0	6	163	35	8	4	0	1	0	211
15:45	4	0	0	0	0	0	0	4	148	34	3	6	0	2	0	193
H/TOT	20	1	0	0	0	0	0	21	571	119	23	17	1	6	0	737
16:00	5	3	0	0	0	0	0	8	175	30	6	4	0	1	0	216
16:15	4	0	0	0	0	0	0	4	143	23	2	4	0	0	0	172
16:30	4	0	1	0	1	0	0	6	174	33	2	2	0	1	0	212
16:45	7	1	0	1	0	0	0	9	159	38	3	3	0	1	0	204
H/TOT	20	4	1	1	1	0	0	27	651	124	13	13	0	3	0	804
17:00	6	0	0	0	0	0	0	6	163	29	4	4	0	1	0	201
17:15	3	1	0	0	0	1	0	5	203	21	2	3	0	2	0	231
17:30	4	1	0	0	0	0	0	5	159	25	2	5	0	0	0	191
17:45	3	1	1	0	0	0	0	5	137	17	2	6	0	4	0	166
H/TOT	16	3	1	0	0	1	0	21	662	92	10	18	0	7	0	789
P/TOT	56	8	2	1	1	1	0	69	1884	335	46	48	1	16	0	2330

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 11

DATE: 21/06/2022

LOCATION: NEWLANDS WAY / WATH ROAD / DEARNE VALLEY PKWY / A6195

DAY: TUESDAY

TIME	E - B FROM A6195 TO WATH ROAD (N)								E - A FROM A6195 TO NEWLANDS WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	34	3	3	0	0	0	0	40	2	1	0	1	0	0	0	4
07:15	37	10	1	1	0	0	0	49	3	2	0	0	0	0	0	5
07:30	47	13	4	1	1	0	0	66	8	1	0	0	0	0	0	9
07:45	89	22	2	3	0	0	0	116	7	0	1	0	0	0	0	8
H/TOT	207	48	10	5	1	0	0	271	20	4	1	1	0	0	0	26
08:00	47	8	5	0	1	0	0	61	4	1	0	1	0	0	0	6
08:15	72	10	4	2	0	0	0	88	3	0	0	1	0	0	0	4
08:30	56	13	2	1	0	0	0	72	3	0	0	1	0	0	0	4
08:45	42	5	3	1	0	1	0	52	3	0	0	0	0	0	0	3
H/TOT	217	36	14	4	1	1	0	273	13	1	0	3	0	0	0	17
P/TOT	424	84	24	9	2	1	0	544	33	5	1	4	0	0	0	43

TIME	E - B FROM A6195 TO WATH ROAD (N)								E - A FROM A6195 TO NEWLANDS WAY							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	55	11	1	0	0	0	0	67	2	0	0	0	0	0	0	2
15:15	50	11	3	1	0	0	0	65	0	0	0	0	0	0	0	0
15:30	54	12	1	0	0	2	0	69	1	1	0	0	0	0	0	2
15:45	53	17	1	0	0	0	0	71	1	0	0	0	0	0	0	1
H/TOT	212	51	6	1	0	2	0	272	4	1	0	0	0	0	0	5
16:00	47	6	0	1	0	2	0	56	0	0	0	1	0	0	0	1
16:15	61	14	2	0	1	1	0	79	3	2	0	2	0	0	0	7
16:30	66	10	0	0	1	0	0	77	1	0	0	0	0	0	0	1
16:45	57	7	2	1	0	0	1	68	3	0	0	0	0	0	0	3
H/TOT	231	37	4	2	2	3	1	280	7	2	0	3	0	0	0	12
17:00	88	13	3	0	0	0	0	104	4	0	0	0	0	0	0	4
17:15	58	9	1	1	1	2	0	72	6	0	0	0	0	0	0	6
17:30	65	4	1	0	0	0	0	70	9	0	0	0	0	0	0	9
17:45	53	7	2	0	0	0	0	62	12	0	0	0	0	0	0	12
H/TOT	264	33	7	1	1	2	0	308	31	0	0	0	0	0	0	31
P/TOT	707	121	17	4	3	7	1	860	42	3	0	3	0	0	0	48

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 12

LOCATION: DEARNE VALLEY PKWY / COROTN WOOD

DATE: 21/06/2022

DAY: TUESDAY

TIME	A - C FROM DEARNE VALLEY PKWY (W) TO DEARNE VALLEY PKWY (NE)								A - B FROM DEARNE VALLEY PKWY (W) TO COROTN WOOD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	82	23	9	4	0	0	0	118	17	5	1	0	0	0	0	23
07:15	114	19	6	3	0	0	0	142	32	2	1	0	1	0	0	36
07:30	141	29	9	7	0	2	0	188	29	3	0	0	2	0	0	34
07:45	153	29	4	4	0	0	0	190	32	9	0	0	0	0	0	41
H/TOT	490	100	28	18	0	2	0	638	110	19	2	0	3	0	0	134
08:00	150	30	8	12	0	0	0	200	39	7	2	1	0	0	0	49
08:15	146	24	13	13	0	0	0	196	41	10	1	0	2	0	0	54
08:30	156	20	9	15	1	0	0	201	47	4	0	0	0	0	0	51
08:45	114	28	5	11	0	2	0	160	67	9	0	3	0	0	0	79
H/TOT	566	102	35	51	1	2	0	757	194	30	3	4	2	0	0	233
P/TOT	1056	202	63	69	1	4	0	1395	304	49	5	4	5	0	0	367

TIME	A - C FROM DEARNE VALLEY PKWY (W) TO DEARNE VALLEY PKWY (NE)								A - B FROM DEARNE VALLEY PKWY (W) TO COROTN WOOD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	89	36	12	6	0	0	0	143	49	8	1	0	1	0	1	60
15:15	88	35	11	10	0	0	0	144	55	9	3	0	1	0	0	68
15:30	111	36	9	11	0	1	0	168	70	3	0	0	0	0	0	73
15:45	99	30	11	7	0	1	0	148	60	4	1	0	0	0	0	65
H/TOT	387	137	43	34	0	2	0	603	234	24	5	0	2	0	1	266
16:00	124	50	12	3	2	0	0	191	68	9	1	0	3	0	0	81
16:15	146	39	7	4	1	3	0	200	74	7	2	0	0	0	0	83
16:30	154	37	4	7	0	2	0	204	70	9	0	1	2	0	0	82
16:45	142	43	11	3	0	2	0	201	60	15	1	2	1	1	0	80
H/TOT	566	169	34	17	3	7	0	796	272	40	4	3	6	1	0	326
17:00	176	28	5	7	0	0	0	216	88	4	1	1	2	0	0	96
17:15	167	28	3	2	0	1	0	201	67	4	0	0	0	1	0	72
17:30	160	27	3	4	0	3	0	197	74	10	0	0	2	0	0	86
17:45	148	14	3	2	0	1	0	168	64	4	1	0	0	1	0	70
H/TOT	651	97	14	15	0	5	0	782	293	22	2	1	4	2	0	324
P/TOT	1604	403	91	66	3	14	0	2181	799	86	11	4	12	3	1	916

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 12

LOCATION: DEARNE VALLEY PKWY / COROTN WOOD

DATE: 21/06/2022

DAY: TUESDAY

TIME	A - A FROM DEARNE VALLEY PKWY (W) TO DEARNE VALLEY PKWY (W)								B - A FROM COROTN WOOD TO DEARNE VALLEY PKWY (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0	18	8	4	0	0	0	0	30
07:15	0	0	0	0	0	0	0	0	21	18	3	0	0	0	0	42
07:30	1	0	0	0	0	0	0	1	12	8	3	0	1	0	0	24
07:45	1	0	0	0	0	0	0	1	27	8	1	0	2	0	0	38
H/TOT	2	0	0	0	0	0	0	2	78	42	11	0	3	0	0	134
08:00	1	0	0	0	0	0	0	1	23	2	0	2	0	0	0	27
08:15	0	0	0	0	0	0	0	0	25	13	1	1	0	0	0	40
08:30	0	0	0	0	0	0	0	0	25	5	0	0	1	0	0	31
08:45	0	0	0	0	0	0	0	0	14	5	1	0	0	0	0	20
H/TOT	1	0	0	0	0	0	0	1	87	25	2	3	1	0	0	118
P/TOT	3	0	0	0	0	0	0	3	165	67	13	3	4	0	0	252

TIME	A - A FROM DEARNE VALLEY PKWY (W) TO DEARNE VALLEY PKWY (W)								B - A FROM COROTN WOOD TO DEARNE VALLEY PKWY (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	1	0	0	0	0	0	0	1	72	5	0	0	1	0	1	79
15:15	0	0	0	0	0	0	0	0	67	3	1	0	2	0	0	73
15:30	1	0	0	0	0	0	0	1	73	6	0	0	0	0	0	79
15:45	0	0	0	0	0	0	0	0	67	5	2	1	0	0	0	75
H/TOT	2	0	0	0	0	0	0	2	279	19	3	1	3	0	1	306
16:00	0	0	0	0	0	0	0	0	85	3	0	0	2	0	0	90
16:15	0	0	0	0	0	0	0	0	65	3	1	0	0	0	0	69
16:30	1	0	0	0	0	0	0	1	70	9	1	1	3	0	0	84
16:45	0	0	0	0	0	1	0	1	85	7	1	0	0	1	0	94
H/TOT	1	0	0	0	0	1	0	2	305	22	3	1	5	1	0	337
17:00	0	0	0	0	0	0	0	0	96	5	0	1	2	1	0	105
17:15	0	0	0	0	0	0	0	0	82	8	1	0	0	1	0	92
17:30	1	0	0	0	0	0	0	1	84	7	1	1	3	0	0	96
17:45	0	0	0	0	0	0	0	0	82	9	0	0	0	0	0	91
H/TOT	1	0	0	0	0	0	0	1	344	29	2	2	5	2	0	384
P/TOT	4	0	0	0	0	1	0	5	928	70	8	4	13	3	1	1027

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 12

LOCATION: DEARNE VALLEY PKWY / COROTN WOOD

DATE: 21/06/2022

DAY: TUESDAY

TIME	C - B FROM DEARNE VALLEY PKWY (NE) TO COROTN WOOD								C - A FROM DEARNE VALLEY PKWY (NE) TO DEARNE VALLEY PKWY (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	28	17	1	0	1	0	0	47	127	59	8	5	0	0	0	199
07:15	32	18	2	0	0	0	0	52	134	49	10	15	1	1	0	210
07:30	36	11	2	0	0	0	0	49	148	56	15	5	0	3	0	227
07:45	66	5	0	1	2	0	0	74	145	38	7	6	1	0	0	197
H/TOT	162	51	5	1	3	0	0	222	554	202	40	31	2	4	0	833
08:00	49	12	2	1	0	0	0	64	156	37	12	4	1	0	0	210
08:15	81	13	0	0	1	0	0	95	168	33	18	4	0	1	0	224
08:30	78	7	0	0	0	0	0	85	126	30	16	9	0	1	0	182
08:45	112	10	2	0	1	0	0	125	108	28	13	10	1	0	0	160
H/TOT	320	42	4	1	2	0	0	369	558	128	59	27	2	2	0	776
P/TOT	482	93	9	2	5	0	0	591	1112	330	99	58	4	6	0	1609

TIME	C - B FROM DEARNE VALLEY PKWY (NE) TO COROTN WOOD								C - A FROM DEARNE VALLEY PKWY (NE) TO DEARNE VALLEY PKWY (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	108	7	2	1	0	2	0	120	102	28	9	2	0	2	0	143
15:15	112	8	1	0	2	0	0	123	119	36	7	8	1	0	0	171
15:30	143	10	1	0	0	0	0	154	139	28	8	4	0	1	0	180
15:45	102	9	1	0	1	0	0	113	128	34	4	9	0	1	0	176
H/TOT	465	34	5	1	3	2	0	510	488	126	28	23	1	4	0	670
16:00	117	5	2	0	1	0	0	125	165	29	9	5	0	3	0	211
16:15	115	9	0	0	0	0	0	124	113	27	6	5	0	1	0	152
16:30	124	16	0	0	1	1	0	142	174	23	3	2	0	1	0	203
16:45	112	11	0	0	0	1	0	124	156	34	4	3	0	2	0	199
H/TOT	468	41	2	0	2	2	0	515	608	113	22	15	0	7	0	765
17:00	117	10	1	0	1	0	0	129	170	25	3	5	0	2	0	205
17:15	131	10	0	0	1	0	0	142	170	21	1	2	0	3	0	197
17:30	123	9	1	0	1	0	0	134	131	23	2	6	0	0	0	162
17:45	120	7	1	1	1	0	0	130	121	18	2	7	0	5	0	153
H/TOT	491	36	3	1	4	0	0	535	592	87	8	20	0	10	0	717
P/TOT	1424	111	10	2	9	4	0	1560	1688	326	58	58	1	21	0	2152

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 12

LOCATION: DEARNE VALLEY PKWY / COROTN WOOD

DATE: 21/06/2022

DAY: TUESDAY

TIME	TO ARM A DEARNE VALLEY PKWY (W)								FROM ARM A DEARNE VALLEY PKWY (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	145	67	12	5	0	0	0	229	99	28	10	4	0	0	0	141
07:15	155	67	13	15	1	1	0	252	146	21	7	3	1	0	0	178
07:30	161	64	18	5	1	3	0	252	171	32	9	7	2	2	0	223
07:45	173	46	8	6	3	0	0	236	186	38	4	4	0	0	0	232
H/TOT	634	244	51	31	5	4	0	969	602	119	30	18	3	2	0	774
08:00	180	39	12	6	1	0	0	238	190	37	10	13	0	0	0	250
08:15	193	46	19	5	0	1	0	264	187	34	14	13	2	0	0	250
08:30	151	35	16	9	1	1	0	213	203	24	9	15	1	0	0	252
08:45	122	33	14	10	1	0	0	180	181	37	5	14	0	2	0	239
H/TOT	646	153	61	30	3	2	0	895	761	132	38	55	3	2	0	991
P/TOT	1280	397	112	61	8	6	0	1864	1363	251	68	73	6	4	0	1765

TIME	TO ARM A DEARNE VALLEY PKWY (W)								FROM ARM A DEARNE VALLEY PKWY (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	175	33	9	2	1	2	1	223	139	44	13	6	1	0	1	204
15:15	186	39	8	8	3	0	0	244	143	44	14	10	1	0	0	212
15:30	213	34	8	4	0	1	0	260	182	39	9	11	0	1	0	242
15:45	195	39	6	10	0	1	0	251	159	34	12	7	0	1	0	213
H/TOT	769	145	31	24	4	4	1	978	623	161	48	34	2	2	1	871
16:00	250	32	9	5	2	3	0	301	192	59	13	3	5	0	0	272
16:15	178	30	7	5	0	1	0	221	220	46	9	4	1	3	0	283
16:30	245	32	4	3	3	1	0	288	225	46	4	8	2	2	0	287
16:45	241	41	5	3	0	4	0	294	202	58	12	5	1	4	0	282
H/TOT	914	135	25	16	5	9	0	1104	839	209	38	20	9	9	0	1124
17:00	266	30	3	6	2	3	0	310	264	32	6	8	2	0	0	312
17:15	252	29	2	2	0	4	0	289	234	32	3	2	0	2	0	273
17:30	216	30	3	7	3	0	0	259	235	37	3	4	2	3	0	284
17:45	203	27	2	7	0	5	0	244	212	18	4	2	0	2	0	238
H/TOT	937	116	10	22	5	12	0	1102	945	119	16	16	4	7	0	1107
P/TOT	2620	396	66	62	14	25	1	3184	2407	489	102	70	15	18	1	3102

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 12

LOCATION: DEARNE VALLEY PKWY / COROTN WOOD

DATE: 21/06/2022

DAY: TUESDAY

TIME	TO ARM B COROTN WOOD								FROM ARM B COROTN WOOD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	45	22	2	0	1	0	0	70	32	10	5	1	1	0	0	49
07:15	64	20	3	0	1	0	0	88	45	25	4	0	2	0	0	76
07:30	66	14	2	0	2	0	0	84	43	10	4	1	1	0	0	59
07:45	99	14	0	1	2	0	0	116	43	15	2	0	3	0	0	63
H/TOT	274	70	7	1	6	0	0	358	163	60	15	2	7	0	0	247
08:00	88	19	4	2	0	0	0	113	47	13	0	2	0	0	0	62
08:15	122	23	1	0	3	0	0	149	63	21	3	1	2	0	0	90
08:30	126	11	0	0	0	0	0	137	72	16	1	1	1	0	0	91
08:45	179	19	2	3	1	0	0	204	56	17	2	0	0	0	0	75
H/TOT	515	72	7	5	4	0	0	603	238	67	6	4	3	0	0	318
P/TOT	789	142	14	6	10	0	0	961	401	127	21	6	10	0	0	565

TIME	TO ARM B COROTN WOOD								FROM ARM B COROTN WOOD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	158	16	3	1	1	2	1	182	184	19	2	1	2	1	1	210
15:15	167	17	4	0	3	0	0	191	189	19	2	0	3	1	0	214
15:30	214	14	1	0	0	0	0	229	185	21	0	0	0	1	0	207
15:45	162	13	2	0	1	0	0	178	191	9	2	1	0	0	0	203
H/TOT	701	60	10	1	5	2	1	780	749	68	6	2	5	3	1	834
16:00	186	14	3	0	4	0	0	207	222	15	1	0	4	0	0	242
16:15	191	16	2	0	0	0	0	209	201	12	1	0	1	0	0	215
16:30	196	25	0	1	3	1	0	226	209	20	2	1	3	0	0	235
16:45	172	26	1	2	1	2	0	204	205	20	1	0	0	1	0	227
H/TOT	745	81	6	3	8	3	0	846	837	67	5	1	8	1	0	919
17:00	206	14	2	1	3	0	0	226	231	20	1	2	4	1	0	259
17:15	198	14	0	0	1	1	0	214	228	21	2	1	1	3	0	256
17:30	199	19	1	0	3	0	0	222	214	20	2	1	3	0	0	240
17:45	184	11	2	1	1	1	0	200	207	21	0	0	0	1	0	229
H/TOT	787	58	5	2	8	2	0	862	880	82	5	4	8	5	0	984
P/TOT	2233	199	21	6	21	7	1	2488	2466	217	16	7	21	9	1	2737

MANUAL CLASSIFIED COUNTS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 12

LOCATION: DEARNE VALLEY PKWY / COROTN WOOD

DATE: 21/06/2022

DAY: TUESDAY

TIME	TO ARM C DEARNE VALLEY PKWY (NE)								FROM ARM C DEARNE VALLEY PKWY (NE)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	96	25	10	5	1	0	0	137	155	76	9	5	1	0	0	246
07:15	138	26	7	3	2	0	0	176	166	67	12	15	1	1	0	262
07:30	173	31	11	8	0	2	0	225	186	67	18	5	0	3	0	279
07:45	169	36	5	4	1	0	0	215	212	43	7	7	3	0	0	272
H/TOT	576	118	33	20	4	2	0	753	719	253	46	32	5	4	0	1059
08:00	175	42	8	12	0	0	0	237	206	50	14	5	1	0	0	276
08:15	184	32	15	13	2	0	0	246	249	46	18	4	1	1	0	319
08:30	203	31	10	16	1	0	0	261	205	37	16	9	0	1	0	268
08:45	158	40	6	11	0	2	0	217	222	38	15	10	2	0	0	287
H/TOT	720	145	39	52	3	2	0	961	882	171	63	28	4	2	0	1150
P/TOT	1296	263	72	72	7	4	0	1714	1601	424	109	60	9	6	0	2209

TIME	TO ARM C DEARNE VALLEY PKWY (NE)								FROM ARM C DEARNE VALLEY PKWY (NE)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15:00	203	49	14	7	1	1	0	275	213	35	11	3	0	4	0	266
15:15	211	51	12	10	1	1	0	286	232	44	8	8	3	0	0	295
15:30	223	50	9	11	0	2	0	295	283	38	9	4	0	1	0	335
15:45	223	34	11	7	0	1	0	276	230	43	5	9	1	1	0	289
H/TOT	860	184	46	35	2	5	0	1132	958	160	33	24	4	6	0	1185
16:00	260	62	13	3	4	0	0	342	282	34	11	5	1	3	0	336
16:15	280	49	7	4	2	3	0	345	228	37	6	5	0	1	0	277
16:30	294	48	5	7	0	2	0	356	301	39	3	2	1	2	0	348
16:45	264	56	11	3	0	2	0	336	270	45	4	3	0	3	0	325
H/TOT	1098	215	36	17	6	7	0	1379	1081	155	24	15	2	9	0	1286
17:00	311	43	6	8	2	0	0	370	288	35	4	5	1	2	0	335
17:15	313	41	4	3	1	3	0	365	301	31	1	2	1	3	0	339
17:30	292	40	4	4	0	3	0	343	258	32	3	6	1	0	0	300
17:45	274	26	3	2	0	2	0	307	242	25	3	8	1	5	0	284
H/TOT	1190	150	17	17	3	8	0	1385	1089	123	11	21	4	10	0	1258
P/TOT	3148	549	99	69	11	20	0	3896	3128	438	68	60	10	25	0	3729

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 2

DATE: 21/06/2022

LOCATION: SITE ACCESS / A635 / DUDLEY DRIVE / BARNSELY ROAD

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A	ARM B		ARM C		ARM D		ARM E	TIME	ARM A	ARM B		ARM C		ARM D		ARM E
	SITE ACCESS	A635 (W)		DUDLEY DR		BARNSEY RD		A635 (W)		DUDLEY DR	BARNSEY RD		BARNSEY RD		(NF)		
	LANE 1	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1		LANE 1	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1
17:33	0	0	0	1	0	0	0	0	17:33	0	0	0	1	0	0	0	0
17:34	0	0	0	0	0	2	0	0	17:34	0	0	0	0	0	2	0	0
17:35	0	0	0	1	0	0	0	0	17:35	0	0	0	1	0	0	0	0
17:36	0	0	0	0	0	0	0	0	17:36	0	0	0	0	0	0	0	0
17:37	0	0	0	0	0	0	0	5	17:37	0	0	0	0	0	0	0	5
17:38	0	0	0	0	0	1	0	0	17:38	0	0	0	0	0	1	0	0
17:39	0	0	0	0	0	0	0	0	17:39	0	0	0	0	0	0	0	0
17:40	0	0	0	0	0	4	0	0	17:40	0	0	0	0	0	4	0	0
17:41	0	0	0	0	0	2	0	0	17:41	0	0	0	0	0	2	0	0
17:42	0	0	0	2	0	0	0	0	17:42	0	0	0	2	0	0	0	0
17:43	0	0	0	1	0	0	0	0	17:43	0	0	0	1	0	0	0	0
17:44	0	0	0	0	0	0	0	0	17:44	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	17:45	0	0	0	0	0	0	0	0
17:46	0	0	0	0	0	0	0	0	17:46	0	0	0	0	0	0	0	0
17:47	0	0	0	0	0	0	0	0	17:47	0	0	0	0	0	0	0	0
17:48	0	0	0	0	0	0	0	0	17:48	0	0	0	0	0	0	0	0
17:49	0	0	0	0	0	0	0	0	17:49	0	0	0	0	0	0	0	0
17:50	0	0	0	0	0	0	0	3	17:50	0	0	0	0	0	0	0	3
17:51	0	0	0	0	0	0	0	0	17:51	0	0	0	0	0	0	0	0
17:52	0	0	0	0	1	0	0	0	17:52	0	0	0	0	1	0	0	0
17:53	0	0	0	0	0	0	0	0	17:53	0	0	0	0	0	0	0	0
17:54	0	0	0	0	1	0	0	0	17:54	0	0	0	0	1	0	0	0
17:55	0	0	0	0	0	0	0	0	17:55	0	0	0	0	0	0	0	0
17:56	0	0	0	0	0	2	1	0	17:56	0	0	0	0	0	2	1	0
17:57	0	0	0	0	0	0	1	0	17:57	0	0	0	0	0	0	1	0
17:58	0	0	0	0	0	0	0	0	17:58	0	0	0	0	0	0	0	0
17:59	0	0	0	0	0	0	0	0	17:59	0	0	0	0	0	0	0	0
18:00	0	0	0	1	0	0	0	0	18:00	0	0	0	1	0	0	0	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 3

DATE: 21/06/2022

LOCATION: HIGHGATE LANE / COMMERCIAL ROAD

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A		ARM B		ARM C	TIME	ARM A		ARM B		ARM C
	HIGHGATE LN (N)		COMMERCIAL RD		HIGHGATE LN (S)		HIGHGATE LN (N)		COMMERCIAL RD		HIGHGATE LN (S)
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1		LANE 1	LANE 2	LANE 1	LANE 2	LANE 1
07:00	0		0	0	0	15:00	0		0	1	0
07:01	0		0	0	0	15:01	0		0	0	0
07:02	0		0	0	0	15:02	0		0	0	0
07:03	0		0	0	0	15:03	0		0	0	0
07:04	0		0	0	0	15:04	0		0	0	0
07:05	0		0	0	0	15:05	0		0	0	0
07:06	0		0	0	0	15:06	0		0	4	0
07:07	0		0	0	0	15:07	0		0	0	0
07:08	0		0	0	0	15:08	0		0	0	0
07:09	0		0	0	0	15:09	0		0	0	0
07:10	0		0	0	0	15:10	0		0	0	0
07:11	0		0	0	0	15:11	0		0	0	0
07:12	0		0	0	0	15:12	0		0	2	0
07:13	0		0	1	0	15:13	0		0	1	0
07:14	0		0	0	0	15:14	0		0	0	0
07:15	0		0	0	0	15:15	0		0	0	0
07:16	0		0	0	0	15:16	0		0	1	0
07:17	0		0	0	0	15:17	0		0	1	0
07:18	0		0	0	0	15:18	0		0	0	0
07:19	0		0	1	0	15:19	0		0	0	0
07:20	0		0	0	0	15:20	0		0	3	0
07:21	0		0	1	0	15:21	0		0	0	0
07:22	0		0	0	0	15:22	0		0	1	0
07:23	0		0	0	0	15:23	0		0	1	0
07:24	0		0	0	0	15:24	0		0	0	0
07:25	0		0	0	0	15:25	0		0	0	0
07:26	0		0	0	0	15:26	0		0	0	0
07:27	0		0	1	0	15:27	0		0	1	0
07:28	0		0	0	0	15:28	0		0	1	0
07:29	0		0	0	0	15:29	0		0	0	0
07:30	0		0	0	0	15:30	0		0	0	0
07:31	0		0	0	0	15:31	0		0	0	0
07:32	0		0	0	0	15:32	0		0	0	0
07:33	0		0	0	0	15:33	0		0	0	0
07:34	0		0	0	0	15:34	0		0	2	0
07:35	0		0	0	0	15:35	0		0	0	0
07:36	0		0	0	0	15:36	0		0	1	0
07:37	0		0	0	0	15:37	0		0	0	0
07:38	0		0	0	0	15:38	0		0	1	0
07:39	0		0	0	0	15:39	0		0	0	0
07:40	0		0	0	0	15:40	0		0	0	0
07:41	0		0	0	0	15:41	0		0	0	0
07:42	0		0	0	0	15:42	0		0	0	0
07:43	0		0	0	0	15:43	0		0	0	0
07:44	0		0	1	0	15:44	0		0	0	0
07:45	0		0	0	0	15:45	0		0	0	0
07:46	0		0	0	0	15:46	0		0	0	0
07:47	0		0	0	0	15:47	0		0	0	0
07:48	0		0	0	0	15:48	0		0	0	0
07:49	0		0	1	0	15:49	0		0	1	0
07:50	0		0	0	0	15:50	0		0	0	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 3

DATE: 21/06/2022

LOCATION: HIGHGATE LANE / COMMERCIAL ROAD

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A		ARM B		ARM C	TIME	ARM A		ARM B		ARM C
	HIGHGATE LN (N)		COMMERCIAL RD		HIGHGATE LN (S)		HIGHGATE LN (N)		COMMERCIAL RD		HIGHGATE LN (S)
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1		LANE 1	LANE 2	LANE 1	LANE 2	LANE 1
07:51	0		0	1	0	15:51	0		0	0	0
07:52	3		0	0	0	15:52	0		0	1	0
07:53	0		0	0	0	15:53	0		0	1	0
07:54	0		0	0	0	15:54	0		0	0	0
07:55	0		0	0	0	15:55	0		0	0	0
07:56	0		0	0	0	15:56	0		0	0	0
07:57	0		0	0	0	15:57	0		0	2	0
07:58	0		0	0	0	15:58	0		0	1	0
07:59	0		0	0	0	15:59	0		0	0	0
08:00	0		0	0	0	16:00	0		0	1	0
08:01	0		0	0	0	16:01	0		0	0	0
08:02	0		0	0	0	16:02	0		0	0	0
08:03	0		0	0	0	16:03	0		0	0	0
08:04	0		0	0	0	16:04	0		0	0	0
08:05	0		0	0	0	16:05	0		0	4	0
08:06	0		0	0	0	16:06	0		0	2	0
08:07	0		0	1	0	16:07	0		0	0	0
08:08	0		0	0	0	16:08	0		0	1	0
08:09	0		0	0	0	16:09	0		0	1	0
08:10	0		0	0	0	16:10	0		0	0	0
08:11	0		0	2	0	16:11	0		0	0	0
08:12	0		0	0	0	16:12	0		0	0	0
08:13	0		0	0	0	16:13	0		0	1	0
08:14	0		0	0	0	16:14	0		0	0	0
08:15	0		0	0	0	16:15	0		0	0	0
08:16	0		0	0	0	16:16	0		0	1	0
08:17	0		0	0	0	16:17	0		0	3	0
08:18	0		0	0	0	16:18	0		0	0	0
08:19	0		0	0	0	16:19	0		0	0	0
08:20	0		0	0	0	16:20	0		0	0	0
08:21	0		0	0	0	16:21	0		0	1	0
08:22	0		0	0	0	16:22	0		0	1	0
08:23	0		0	1	0	16:23	0		0	1	0
08:24	0		0	1	0	16:24	0		0	2	0
08:25	0		0	0	0	16:25	4		0	1	0
08:26	0		0	0	0	16:26	0		0	0	0
08:27	0		0	0	0	16:27	0		0	0	0
08:28	0		0	0	0	16:28	0		0	0	0
08:29	0		0	0	0	16:29	0		0	0	0
08:30	0		0	0	0	16:30	0		0	2	0
08:31	0		0	1	0	16:31	0		0	0	0
08:32	0		0	0	0	16:32	0		0	0	0
08:33	0		0	0	0	16:33	0		0	1	0
08:34	0		0	0	0	16:34	0		0	0	0
08:35	0		0	0	0	16:35	0		0	2	0
08:36	0		0	0	0	16:36	0		0	0	0
08:37	0		0	0	0	16:37	0		0	2	0
08:38	0		0	0	0	16:38	0		0	0	0
08:39	0		0	0	0	16:39	0		0	2	0
08:40	0		0	0	0	16:40	0		0	0	0
08:41	0		0	0	0	16:41	0		0	1	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 3

DATE: 21/06/2022

LOCATION: HIGHGATE LANE / COMMERCIAL ROAD

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A		ARM B		ARM C	TIME	ARM A		ARM B		ARM C
	HIGHGATE LN (N)		COMMERCIAL RD		HIGHGATE LN (S)		HIGHGATE LN (N)		COMMERCIAL RD		HIGHGATE LN (S)
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1		LANE 1	LANE 2	LANE 1	LANE 2	LANE 1
08:42	0		0	1	0	16:42	0		0	0	0
08:43	0		0	0	0	16:43	0		0	0	0
08:44	0		0	0	0	16:44	0		0	0	0
08:45	0		0	0	0	16:45	0		0	0	0
08:46	0		0	0	0	16:46	0		0	1	0
08:47	0		0	0	0	16:47	0		0	1	0
08:48	0		0	1	0	16:48	0		1	0	0
08:49	0		0	0	0	16:49	0		0	0	0
08:50	0		0	0	0	16:50	0		0	0	0
08:51	3		0	0	0	16:51	0		0	0	0
08:52	0		0	2	0	16:52	0		0	0	0
08:53	0		0	0	0	16:53	0		0	1	0
08:54	0		0	0	0	16:54	0		0	0	0
08:55	0		0	0	0	16:55	0		0	0	0
08:56	0		0	0	0	16:56	0		0	0	0
08:57	0		0	0	0	16:57	0		0	2	0
08:58	0		0	0	0	16:58	0		0	1	0
08:59	0		0	0	0	16:59	0		0	1	0
09:00	0		0	0	0	17:00	0		0	0	0
						17:01	0		0	1	0
						17:02	0		0	3	0
						17:03	0		0	1	0
						17:04	0		0	0	0
						17:05	0		0	0	0
						17:06	0		0	0	0
						17:07	0		0	2	0
						17:08	0		0	1	0
						17:09	0		0	5	0
						17:10	0		1	0	0
						17:11	0		0	1	0
						17:12	0		0	1	0
						17:13	0		0	0	0
						17:14	0		0	0	0
						17:15	0		0	0	0
						17:16	0		0	0	0
						17:17	0		0	2	0
						17:18	0		0	0	0
						17:19	0		0	0	0
						17:20	0		0	2	0
						17:21	0		0	1	0
						17:22	0		0	0	0
						17:23	0		0	0	0
						17:24	0		0	0	0
						17:25	0		0	0	0
						17:26	0		0	0	0
						17:27	0		0	0	0
						17:28	0		0	2	0
						17:29	0		0	0	0
						17:30	0		1	0	0
						17:31	0		0	2	0
						17:32	0		0	0	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 3

DATE: 21/06/2022

LOCATION: HIGHGATE LANE / COMMERCIAL ROAD

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A		ARM B		ARM C
	HIGHGATE LN (N)	COMMERCIAL RD		HIGHGATE LN (S)	
	LANE 1	LANE 1	LANE 2	LANE 1	
17:33	0	0	0	0	
17:34	0	0	0	0	
17:35	0	0	2	0	
17:36	0	0	1	0	
17:37	0	0	0	0	
17:38	0	0	0	0	
17:39	0	0	0	0	
17:40	0	0	0	0	
17:41	0	0	0	0	
17:42	0	0	2	0	
17:43	0	0	0	0	
17:44	0	0	0	0	
17:45	0	0	1	0	
17:46	0	0	0	0	
17:47	0	0	0	0	
17:48	0	0	0	0	
17:49	0	1	1	0	
17:50	0	0	1	0	
17:51	0	0	1	0	
17:52	0	0	0	0	
17:53	0	0	3	0	
17:54	0	0	1	0	
17:55	0	0	0	0	
17:56	0	0	0	0	
17:57	0	0	0	0	
17:58	0	0	0	0	
17:59	0	0	0	0	
18:00	0	0	0	0	

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 5

DATE: 21/06/2022

LOCATION: RED HILL LANE / A635 / HICKLETON ROAD

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A	ARM B	ARM C	ARM D	TIME	ARM A	ARM B	ARM C	ARM D
	RED HILL LN	A635 (W)	HICKLETON RD	A635 (E)		RED HILL LN	A635 (W)	HICKLETON RD	A635 (E)
	LANE 1	LANE 1	LANE 1	LANE 1		LANE 1	LANE 1	LANE 1	LANE 1
07:00	0	0	0	0	15:00	0	0	0	0
07:01	0	0	0	0	15:01	0	0	0	0
07:02	0	0	0	0	15:02	2	0	1	0
07:03	0	0	0	0	15:03	0	0	0	0
07:04	0	0	0	0	15:04	0	1	0	0
07:05	1	0	0	0	15:05	0	0	0	0
07:06	0	0	2	4	15:06	0	0	0	0
07:07	0	0	3	0	15:07	0	0	0	0
07:08	1	0	0	0	15:08	3	0	2	0
07:09	0	0	1	0	15:09	0	0	0	0
07:10	2	0	0	0	15:10	0	0	1	0
07:11	1	0	0	0	15:11	1	1	1	0
07:12	0	0	1	0	15:12	0	0	0	0
07:13	0	0	2	0	15:13	0	0	1	0
07:14	0	0	0	0	15:14	3	0	5	0
07:15	0	0	0	0	15:15	5	1	0	0
07:16	0	0	1	0	15:16	2	0	0	0
07:17	0	0	0	0	15:17	4	0	2	0
07:18	2	1	0	0	15:18	2	0	0	0
07:19	1	0	0	0	15:19	0	0	0	0
07:20	0	0	0	0	15:20	1	0	6	0
07:21	1	0	0	0	15:21	1	0	2	0
07:22	3	0	0	0	15:22	0	0	0	0
07:23	3	2	0	0	15:23	0	0	0	0
07:24	0	0	0	0	15:24	0	0	0	0
07:25	1	0	0	0	15:25	1	0	0	0
07:26	0	0	0	0	15:26	1	0	0	0
07:27	1	0	0	0	15:27	1	0	0	0
07:28	0	0	0	0	15:28	0	0	0	0
07:29	0	0	0	0	15:29	2	0	0	0
07:30	0	0	0	0	15:30	1	0	0	0
07:31	2	0	0	0	15:31	0	0	0	0
07:32	1	0	0	0	15:32	0	0	0	0
07:33	0	0	3	0	15:33	0	0	2	0
07:34	0	3	3	0	15:34	0	0	2	0
07:35	0	0	1	0	15:35	1	0	3	0
07:36	0	0	1	0	15:36	0	0	0	0
07:37	1	3	0	0	15:37	0	0	0	0
07:38	0	0	0	0	15:38	0	0	2	0
07:39	2	0	1	0	15:39	0	0	1	0
07:40	0	0	0	0	15:40	0	1	0	0
07:41	1	0	1	0	15:41	0	0	1	0
07:42	0	0	0	0	15:42	0	0	0	0
07:43	0	0	1	0	15:43	0	0	0	0
07:44	0	0	0	0	15:44	1	3	1	0
07:45	1	0	1	0	15:45	1	4	1	0
07:46	0	0	0	0	15:46	2	0	0	0
07:47	0	0	0	0	15:47	2	0	2	0
07:48	3	0	0	0	15:48	1	0	0	0
07:49	2	0	2	0	15:49	4	0	0	0
07:50	1	0	1	0	15:50	2	0	1	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 5

DATE: 21/06/2022

LOCATION: RED HILL LANE / A635 / HICKLETON ROAD

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A	ARM B	ARM C	ARM D	TIME	ARM A	ARM B	ARM C	ARM D
	RED HILL LN	A635 (W)	HICKLETON RD	A635 (E)		RED HILL LN	A635 (W)	HICKLETON RD	A635 (E)
	LANE 1	LANE 1	LANE 1	LANE 1		LANE 1	LANE 1	LANE 1	LANE 1
07:51	4	0	1	0	15:51	4	0	1	0
07:52	1	0	0	0	15:52	5	0	0	0
07:53	1	0	1	0	15:53	5	0	0	0
07:54	4	0	1	0	15:54	3	1	0	0
07:55	2	0	0	0	15:55	2	0	1	0
07:56	1	0	0	0	15:56	0	0	0	0
07:57	2	0	2	0	15:57	1	0	0	0
07:58	5	0	2	0	15:58	1	0	0	0
07:59	2	6	0	0	15:59	1	4	1	0
08:00	5	0	0	0	16:00	0	0	1	0
08:01	4	0	3	0	16:01	0	0	2	0
08:02	3	0	0	0	16:02	1	0	0	0
08:03	4	8	0	0	16:03	1	0	0	0
08:04	5	0	1	0	16:04	4	0	2	0
08:05	0	0	0	0	16:05	0	0	1	1
08:06	0	0	0	0	16:06	0	0	0	0
08:07	1	0	0	0	16:07	0	0	3	0
08:08	0	0	0	0	16:08	3	0	3	0
08:09	0	0	0	0	16:09	2	0	0	0
08:10	3	0	0	0	16:10	4	0	1	0
08:11	2	0	0	0	16:11	0	0	0	0
08:12	3	0	0	0	16:12	0	0	0	0
08:13	3	0	2	0	16:13	5	0	1	0
08:14	3	0	0	0	16:14	5	2	0	0
08:15	3	0	0	0	16:15	2	1	2	0
08:16	4	0	0	0	16:16	1	0	0	0
08:17	5	0	0	0	16:17	1	0	0	0
08:18	6	0	0	0	16:18	0	0	1	0
08:19	2	0	0	0	16:19	2	0	0	0
08:20	5	2	2	0	16:20	2	0	1	0
08:21	6	4	1	0	16:21	2	0	1	0
08:22	7	0	2	0	16:22	1	0	0	0
08:23	5	0	2	0	16:23	4	0	0	0
08:24	6	0	3	0	16:24	3	0	0	0
08:25	5	0	1	0	16:25	0	0	0	0
08:26	4	0	0	0	16:26	2	0	0	0
08:27	6	0	0	0	16:27	1	2	0	0
08:28	5	0	0	0	16:28	0	0	0	0
08:29	4	0	0	0	16:29	0	0	1	0
08:30	2	0	0	0	16:30	1	0	0	0
08:31	1	0	1	0	16:31	2	5	3	0
08:32	1	0	0	0	16:32	4	0	1	0
08:33	1	0	1	0	16:33	5	0	3	0
08:34	1	0	2	0	16:34	3	0	0	0
08:35	0	0	0	0	16:35	2	0	0	0
08:36	0	2	0	0	16:36	4	0	1	0
08:37	1	0	0	0	16:37	3	0	0	0
08:38	1	0	3	0	16:38	2	5	0	0
08:39	2	0	3	0	16:39	1	2	1	0
08:40	1	0	0	0	16:40	0	0	0	0
08:41	2	0	0	0	16:41	0	0	0	2

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 5

DATE: 21/06/2022

LOCATION: RED HILL LANE / A635 / HICKLETON ROAD

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A	ARM B	ARM C	ARM D	TIME	ARM A	ARM B	ARM C	ARM D
	RED HILL LN	A635 (W)	HICKLETON RD	A635 (E)		RED HILL LN	A635 (W)	HICKLETON RD	A635 (E)
	LANE 1	LANE 1	LANE 1	LANE 1		LANE 1	LANE 1	LANE 1	LANE 1
08:42	3	0	0	0	16:42	3	0	0	0
08:43	2	0	0	0	16:43	4	0	0	0
08:44	0	0	3	0	16:44	3	2	0	0
08:45	0	0	0	0	16:45	5	0	1	0
08:46	0	0	0	0	16:46	5	0	0	0
08:47	2	0	2	0	16:47	3	0	2	0
08:48	0	0	0	0	16:48	0	0	0	0
08:49	0	0	0	0	16:49	3	0	0	0
08:50	0	0	0	0	16:50	4	0	0	0
08:51	1	2	2	0	16:51	2	0	0	0
08:52	0	1	0	0	16:52	2	12	0	0
08:53	0	0	0	0	16:53	1	7	2	0
08:54	0	0	0	0	16:54	0	0	1	0
08:55	0	0	1	0	16:55	1	1	3	0
08:56	2	0	0	0	16:56	1	0	0	0
08:57	0	0	0	0	16:57	1	3	1	0
08:58	0	0	0	0	16:58	1	0	0	0
08:59	0	0	0	0	16:59	0	0	2	0
09:00	0	0	0	0	17:00	0	0	1	0
					17:01	2	0	0	0
					17:02	3	0	3	0
					17:03	2	0	2	0
					17:04	2	0	0	0
					17:05	3	2	0	0
					17:06	3	0	1	0
					17:07	3	0	0	0
					17:08	0	0	0	0
					17:09	1	0	0	0
					17:10	0	3	1	0
					17:11	0	0	0	0
					17:12	1	2	0	0
					17:13	1	0	0	0
					17:14	5	0	1	0
					17:15	1	0	0	0
					17:16	2	1	0	0
					17:17	4	0	1	0
					17:18	5	5	1	0
					17:19	5	0	3	0
					17:20	5	11	2	0
					17:21	4	0	0	0
					17:22	3	10	1	0
					17:23	3	0	4	0
					17:24	3	0	0	0
					17:25	4	0	0	0
					17:26	2	0	0	0
					17:27	1	0	0	0
					17:28	2	0	0	0
					17:29	1	0	2	0
					17:30	1	0	3	0
					17:31	2	0	3	1
					17:32	0	0	0	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 5

DATE: 21/06/2022

LOCATION: RED HILL LANE / A635 / HICKLETON ROAD

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A RED HILL LN	ARM B A635 (W)	ARM C HICKLETON RD	ARM D A635 (E)
	LANE 1	LANE 1	LANE 1	LANE 1

TIME	ARM A RED HILL LN	ARM B A635 (W)	ARM C HICKLETON RD	ARM D A635 (E)
	LANE 1	LANE 1	LANE 1	LANE 1
17:33	1	0	0	0
17:34	1	0	1	0
17:35	1	0	0	0
17:36	0	0	0	0
17:37	0	0	2	0
17:38	0	0	0	0
17:39	0	0	0	0
17:40	0	1	2	0
17:41	0	0	0	0
17:42	0	0	0	0
17:43	0	0	0	0
17:44	2	0	3	0
17:45	3	0	0	0
17:46	4	0	1	0
17:47	4	0	1	0
17:48	2	0	1	0
17:49	0	0	0	0
17:50	0	0	1	0
17:51	0	0	0	0
17:52	0	0	0	0
17:53	4	0	0	0
17:54	1	0	0	0
17:55	3	0	2	0
17:56	0	0	0	0
17:57	0	0	0	0
17:58	0	0	1	0
17:59	0	0	0	0
18:00	0	0	0	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 6

DATE: 21/06/2022

LOCATION: BARNSELY ROAD / BLACKSMITHS LANE

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane
'+' represents where queue stretched out of sight

TIME	ARM A	ARM B	ARM C	TIME	ARM A	ARM B	ARM C
	BARNSELY RD (W)	BLACKSMITHS LN	BARNSELY RD (E)		BARNSELY RD (W)	BLACKSMITHS LN	BARNSELY RD (E)
	LANE 1	LANE 1	LANE 1		LANE 1	LANE 1	LANE 1
07:00	0	0	0	15:00	0	0	0
07:01	0	0	0	15:01	0	0	0
07:02	0	0	0	15:02	0	4	0
07:03	0	2	0	15:03	0	2	0
07:04	0	1	0	15:04	0	4	0
07:05	0	2	0	15:05	0	0	0
07:06	0	0	0	15:06	0	2	0
07:07	0	3	0	15:07	0	0	0
07:08	0	6	0	15:08	0	0	0
07:09	0	6	0	15:09	0	2	0
07:10	0	8	0	15:10	0	1	0
07:11	0	3	0	15:11	0	1	0
07:12	0	0	0	15:12	0	3	0
07:13	0	0	0	15:13	0	2	0
07:14	0	1	0	15:14	0	3	0
07:15	0	0	0	15:15	0	4	0
07:16	0	0	0	15:16	0	8	0
07:17	0	0	0	15:17	0	8	0
07:18	0	4	0	15:18	0	7	0
07:19	0	0	0	15:19	0	6	0
07:20	0	1	0	15:20	0	5	0
07:21	0	1	0	15:21	0	0	0
07:22	0	6	0	15:22	0	1	0
07:23	0	5	0	15:23	0	0	0
07:24	0	4	0	15:24	0	2	0
07:25	0	4	0	15:25	0	0	0
07:26	0	1	0	15:26	0	0	0
07:27	0	0	0	15:27	0	4	0
07:28	0	1	0	15:28	0	4	0
07:29	0	1	0	15:29	0	0	0
07:30	0	6	0	15:30	0	0	0
07:31	0	0	0	15:31	0	0	0
07:32	0	1	0	15:32	0	0	0
07:33	0	0	0	15:33	0	6	0
07:34	0	1	0	15:34	0	6	0
07:35	0	0	0	15:35	0	3	0
07:36	0	2	0	15:36	0	4	0
07:37	0	0	0	15:37	0	6	0
07:38	0	4	0	15:38	4	6	0
07:39	0	2	0	15:39	0	1	0
07:40	0	0	0	15:40	0	2	0
07:41	0	5	0	15:41	0	1	0
07:42	0	8	0	15:42	0	4	0
07:43	0	8	0	15:43	0	5	0
07:44	0	5	0	15:44	0	5	0
07:45	0	5	0	15:45	0	5	0
07:46	0	2	0	15:46	0	2	0
07:47	0	3	0	15:47	0	2	0
07:48	0	3	0	15:48	0	1	0
07:49	0	8	0	15:49	0	0	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 6

DATE: 21/06/2022

LOCATION: BARNSELY ROAD / BLACKSMITHS LANE

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane
'+' represents where queue stretched out of sight

TIME	ARM A	ARM B	ARM C	TIME	ARM A	ARM B	ARM C
	BARNSELY RD (W)	BLACKSMITHS LN	BARNSELY RD (E)		BARNSELY RD (W)	BLACKSMITHS LN	BARNSELY RD (E)
	LANE 1	LANE 1	LANE 1		LANE 1	LANE 1	LANE 1
07:50	0	9	0	15:50	0	0	0
07:51	0	10	0	15:51	0	0	0
07:52	0	10	0	15:52	0	0	0
07:53	0	5	0	15:53	0	0	0
07:54	0	2	0	15:54	0	5	0
07:55	0	3	0	15:55	0	3	0
07:56	0	4	0	15:56	0	3	0
07:57	0	0	0	15:57	0	2	0
07:58	0	4	0	15:58	0	3	0
07:59	0	4	0	15:59	0	4	0
08:00	0	2	0	16:00	0	0	0
08:01	0	1	0	16:01	0	0	0
08:02	0	8	0	16:02	0	1	0
08:03	0	5	0	16:03	0	0	0
08:04	3	8	0	16:04	0	0	0
08:05	3	5	0	16:05	0	1	0
08:06	15+	3	0	16:06	0	2	0
08:07	0	0	0	16:07	0	3	0
08:08	0	3	0	16:08	0	2	0
08:09	0	0	0	16:09	0	1	0
08:10	0	5	0	16:10	0	1	0
08:11	0	1	0	16:11	0	3	0
08:12	0	4	0	16:12	0	2	0
08:13	0	5	0	16:13	0	0	0
08:14	0	6	0	16:14	0	0	0
08:15	0	3	0	16:15	0	2	0
08:16	0	0	0	16:16	0	0	0
08:17	0	3	0	16:17	0	2	0
08:18	0	5	0	16:18	0	1	0
08:19	0	4	0	16:19	0	1	0
08:20	0	4	0	16:20	0	4	0
08:21	0	3	0	16:21	0	3	0
08:22	0	2	0	16:22	0	1	0
08:23	0	3	0	16:23	0	0	0
08:24	0	1	0	16:24	0	0	0
08:25	0	0	0	16:25	0	0	0
08:26	0	0	0	16:26	0	0	0
08:27	0	0	0	16:27	0	1	0
08:28	0	7	0	16:28	0	2	0
08:29	0	4	0	16:29	0	0	0
08:30	0	4	0	16:30	0	1	0
08:31	0	4	0	16:31	0	2	0
08:32	0	3	0	16:32	0	0	0
08:33	4	2	0	16:33	0	2	0
08:34	0	0	0	16:34	0	1	0
08:35	0	3	0	16:35	0	0	0
08:36	0	3	0	16:36	0	2	0
08:37	0	8	0	16:37	0	2	0
08:38	0	0	0	16:38	0	0	0
08:39	0	0	0	16:39	0	1	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 6

DATE: 21/06/2022

LOCATION: BARNSELY ROAD / BLACKSMITHS LANE

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane
'+' represents where queue stretched out of sight

TIME	ARM A	ARM B	ARM C	TIME	ARM A	ARM B	ARM C
	BARNSELY RD (W)	BLACKSMITHS LN	BARNSELY RD (E)		BARNSELY RD (W)	BLACKSMITHS LN	BARNSELY RD (E)
	LANE 1	LANE 1	LANE 1		LANE 1	LANE 1	LANE 1
08:40	0	2	0	16:40	0	1	0
08:41	0	3	0	16:41	0	0	0
08:42	0	3	0	16:42	0	2	0
08:43	0	2	0	16:43	0	3	0
08:44	0	3	0	16:44	0	2	0
08:45	0	3	0	16:45	0	1	0
08:46	0	1	0	16:46	0	0	0
08:47	0	1	0	16:47	0	3	0
08:48	0	3	0	16:48	0	1	0
08:49	0	0	0	16:49	0	0	0
08:50	0	0	0	16:50	0	1	0
08:51	0	1	0	16:51	0	1	0
08:52	0	0	0	16:52	0	3	0
08:53	0	6	0	16:53	0	2	0
08:54	0	5	0	16:54	0	1	0
08:55	0	0	0	16:55	0	1	0
08:56	0	0	0	16:56	0	1	0
08:57	0	0	0	16:57	0	7	0
08:58	0	0	0	16:58	0	9	0
08:59	0	1	0	16:59	0	7	0
09:00	0	0	0	17:00	0	5	0
				17:01	0	3	0
				17:02	0	1	0
				17:03	0	0	0
				17:04	0	1	0
				17:05	0	1	0
				17:06	0	1	0
				17:07	0	1	0
				17:08	0	1	0
				17:09	0	3	0
				17:10	0	3	0
				17:11	0	1	0
				17:12	0	0	0
				17:13	0	1	0
				17:14	0	7	0
				17:15	0	3	0
				17:16	0	5	0
				17:17	0	7	0
				17:18	0	7	0
				17:19	0	8	0
				17:20	0	6	0
				17:21	0	0	0
				17:22	0	2	0
				17:23	0	0	0
				17:24	0	5	0
				17:25	0	2	0
				17:26	0	8	0
				17:27	0	4	0
				17:28	0	3	0
				17:29	5	5	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 6

DATE: 21/06/2022

LOCATION: BARNSELY ROAD / BLACKSMITHS LANE

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane
'+' represents where queue stretched out of sight

TIME	ARM A	ARM B	ARM C	TIME	ARM A	ARM B	ARM C
	BARNSELY RD (W)	BLACKSMITHS LN	BARNSELY RD (E)		BARNSELY RD (W)	BLACKSMITHS LN	BARNSELY RD (E)
	LANE 1	LANE 1	LANE 1		LANE 1	LANE 1	LANE 1
				17:30	0	2	0
				17:31	0	7	0
				17:32	0	0	0
				17:33	0	6	0
				17:34	0	0	0
				17:35	0	3	0
				17:36	0	0	0
				17:37	0	2	0
				17:38	0	3	0
				17:39	0	0	0
				17:40	0	0	0
				17:41	0	1	0
				17:42	0	3	0
				17:43	0	0	0
				17:44	0	2	0
				17:45	0	1	0
				17:46	0	0	0
				17:47	0	1	0
				17:48	0	0	0
				17:49	0	0	0
				17:50	0	0	0
				17:51	0	0	0
				17:52	0	1	0
				17:53	0	0	0
				17:54	0	0	0
				17:55	0	0	0
				17:56	0	0	0
				17:57	0	1	0
				17:58	0	0	0
				17:59	0	0	0
				18:00	0	0	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 7

DATE: 21/06/2022

LOCATION: CHURCH LANE / A635 / BARNSELY ROAD

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A		ARM B	ARM C	TIME	ARM A		ARM B	ARM C
	CHURCH LN		A635	BARNSELY RD		CHURCH LN		A635	BARNSELY RD
	LANE 1	LANE 2	LANE 1	LANE 1		LANE 1	LANE 2	LANE 1	LANE 1
07:00	0	1	0	0	15:00	0	0	0	0
07:01	0	0	0	0	15:01	0	0	0	0
07:02	0	0	0	0	15:02	0	0	0	0
07:03	0	3	0	0	15:03	1	0	0	0
07:04	1	1	0	0	15:04	0	0	0	0
07:05	0	1	0	0	15:05	0	0	0	0
07:06	1	0	0	0	15:06	0	3	0	0
07:07	0	0	0	0	15:07	0	3	0	0
07:08	0	0	0	0	15:08	0	0	0	0
07:09	0	0	0	0	15:09	0	0	0	0
07:10	0	0	0	0	15:10	0	1	0	0
07:11	0	0	0	0	15:11	0	0	0	0
07:12	0	0	0	0	15:12	0	1	0	0
07:13	0	1	0	0	15:13	0	0	0	1
07:14	0	0	0	0	15:14	0	0	0	0
07:15	0	2	0	0	15:15	1	0	0	0
07:16	0	4	0	0	15:16	1	1	0	0
07:17	0	6	0	0	15:17	0	0	0	0
07:18	0	4	0	0	15:18	1	2	0	0
07:19	0	0	0	0	15:19	0	5	0	0
07:20	0	0	0	0	15:20	0	4	0	0
07:21	1	1	0	3	15:21	6	0	0	0
07:22	0	0	0	0	15:22	2	0	0	0
07:23	0	0	0	0	15:23	0	0	0	0
07:24	0	0	0	0	15:24	0	0	0	0
07:25	0	1	0	0	15:25	0	0	0	0
07:26	0	0	0	0	15:26	0	0	0	0
07:27	0	0	0	0	15:27	0	0	0	0
07:28	0	0	0	0	15:28	3	0	0	0
07:29	0	0	0	0	15:29	0	1	0	0
07:30	0	0	0	0	15:30	0	1	0	0
07:31	0	0	0	0	15:31	0	1	0	0
07:32	0	0	0	0	15:32	0	0	0	0
07:33	0	3	0	0	15:33	0	2	0	0
07:34	0	1	0	0	15:34	0	2	0	0
07:35	0	1	0	0	15:35	2	1	0	0
07:36	0	0	0	0	15:36	0	0	0	0
07:37	0	4	0	0	15:37	1	0	0	0
07:38	0	0	0	0	15:38	0	2	0	0
07:39	0	0	0	0	15:39	0	0	0	0
07:40	0	0	0	0	15:40	0	0	0	0
07:41	0	1	0	0	15:41	0	0	0	0
07:42	0	4	0	0	15:42	0	1	0	0
07:43	0	0	0	0	15:43	0	0	0	0
07:44	0	1	0	0	15:44	0	0	0	0
07:45	0	0	2	0	15:45	0	0	0	0
07:46	0	0	0	0	15:46	0	0	0	0
07:47	0	0	0	0	15:47	0	1	0	0
07:48	0	0	0	0	15:48	0	0	0	0
07:49	0	0	0	0	15:49	0	0	0	0
07:50	0	2	0	0	15:50	0	0	0	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 7

DATE: 21/06/2022

LOCATION: CHURCH LANE / A635 / BARNSELY ROAD

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A		ARM B	ARM C	TIME	ARM A		ARM B	ARM C
	CHURCH LN		A635	BARNSELY RD		CHURCH LN		A635	BARNSELY RD
	LANE 1	LANE 2	LANE 1	LANE 1		LANE 1	LANE 2	LANE 1	LANE 1
07:51	0	0	0	0	15:51	0	0	0	0
07:52	0	0	0	0	15:52	0	0	0	0
07:53	0	0	0	0	15:53	0	0	0	0
07:54	0	0	0	0	15:54	0	0	0	0
07:55	0	1	0	0	15:55	0	0	0	0
07:56	0	3	0	0	15:56	0	0	0	0
07:57	0	1	0	0	15:57	0	0	0	0
07:58	0	1	0	0	15:58	0	0	0	0
07:59	0	1	0	0	15:59	0	0	0	0
08:00	0	0	0	0	16:00	0	0	0	0
08:01	0	0	0	0	16:01	1	0	0	0
08:02	0	0	0	0	16:02	0	1	0	0
08:03	0	2	3	0	16:03	0	2	0	0
08:04	0	0	3	0	16:04	0	2	0	0
08:05	0	0	0	0	16:05	0	1	0	0
08:06	0	0	0	0	16:06	0	2	0	0
08:07	0	0	0	0	16:07	0	0	0	0
08:08	0	1	0	0	16:08	0	1	0	0
08:09	0	1	0	0	16:09	0	3	0	0
08:10	0	2	0	4	16:10	0	0	0	0
08:11	0	0	0	0	16:11	0	0	0	0
08:12	0	2	0	0	16:12	0	2	0	0
08:13	0	1	0	0	16:13	0	5	0	0
08:14	1	1	0	0	16:14	0	1	0	0
08:15	0	1	0	0	16:15	0	1	0	0
08:16	0	0	0	0	16:16	0	2	0	0
08:17	0	0	0	0	16:17	0	0	0	0
08:18	0	3	0	0	16:18	0	0	0	0
08:19	0	6	0	0	16:19	0	0	0	0
08:20	0	3	0	0	16:20	1	0	0	0
08:21	0	4	0	0	16:21	0	1	0	0
08:22	0	4	0	0	16:22	0	0	0	0
08:23	1	2	0	0	16:23	0	1	0	0
08:24	0	1	0	0	16:24	0	0	0	0
08:25	0	3	0	0	16:25	0	3	0	2
08:26	1	2	0	0	16:26	0	2	0	0
08:27	0	0	0	0	16:27	0	0	0	0
08:28	0	2	0	0	16:28	0	3	0	0
08:29	0	1	0	4	16:29	0	1	0	0
08:30	0	0	3	0	16:30	0	0	0	0
08:31	0	0	0	0	16:31	0	0	0	0
08:32	0	0	0	0	16:32	0	1	0	0
08:33	0	0	0	0	16:33	0	0	0	0
08:34	0	0	0	0	16:34	0	0	0	0
08:35	1	0	0	0	16:35	0	0	0	0
08:36	0	0	0	0	16:36	0	0	0	0
08:37	0	0	0	0	16:37	0	0	0	0
08:38	0	0	0	0	16:38	0	0	0	0
08:39	0	0	0	0	16:39	0	0	0	0
08:40	0	1	0	0	16:40	0	5	0	0
08:41	0	0	0	0	16:41	0	2	0	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 7

DATE: 21/06/2022

LOCATION: CHURCH LANE / A635 / BARNSELY ROAD

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A CHURCH LN		ARM B A635	ARM C BARNSELY RD	TIME	ARM A CHURCH LN		ARM B A635	ARM C BARNSELY RD
	LANE 1	LANE 2	LANE 1	LANE 1		LANE 1	LANE 2	LANE 1	LANE 1
08:42	0	0	0	0	16:42	0	1	0	0
08:43	0	0	0	0	16:43	0	3	0	0
08:44	0	0	0	0	16:44	0	2	0	0
08:45	0	1	0	0	16:45	4	0	0	0
08:46	0	1	0	0	16:46	0	3	0	0
08:47	0	1	0	0	16:47	0	0	0	0
08:48	0	0	0	0	16:48	0	0	0	0
08:49	0	0	0	0	16:49	0	0	0	0
08:50	0	0	0	0	16:50	0	0	0	0
08:51	0	0	0	0	16:51	0	0	0	0
08:52	0	0	0	0	16:52	0	0	0	0
08:53	0	0	0	0	16:53	0	1	0	0
08:54	0	0	0	0	16:54	0	0	0	0
08:55	0	0	0	0	16:55	0	0	0	0
08:56	0	0	0	0	16:56	0	0	0	0
08:57	0	0	0	0	16:57	0	0	0	0
08:58	0	0	0	0	16:58	0	1	0	0
08:59	0	0	0	0	16:59	0	0	0	0
09:00	0	2	0	0	17:00	0	1	0	0
					17:01	0	1	0	0
					17:02	2	0	0	0
					17:03	0	0	0	0
					17:04	0	0	0	0
					17:05	0	0	0	0
					17:06	0	1	0	0
					17:07	0	1	0	0
					17:08	0	0	0	0
					17:09	0	0	0	0
					17:10	0	0	0	0
					17:11	0	4	0	0
					17:12	0	2	0	4
					17:13	0	5	0	0
					17:14	0	6	0	0
					17:15	0	2	0	0
					17:16	0	2	0	0
					17:17	0	2	0	0
					17:18	0	1	0	0
					17:19	0	0	0	0
					17:20	0	1	0	0
					17:21	0	1	0	0
					17:22	0	0	0	0
					17:23	0	0	0	0
					17:24	0	0	0	0
					17:25	0	0	0	0
					17:26	0	0	0	0
					17:27	0	1	0	4
					17:28	0	1	0	0
					17:29	0	1	0	0
					17:30	0	0	0	0
					17:31	0	0	0	0
					17:32	0	1	0	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 7

DATE: 21/06/2022

LOCATION: CHURCH LANE / A635 / BARNSELY ROAD

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A		ARM B	ARM C	TIME	ARM A		ARM B	ARM C
	CHURCH LN		A635	BARNSELY RD		CHURCH LN		A635	BARNSELY RD
	LANE 1	LANE 2	LANE 1	LANE 1		LANE 1	LANE 2	LANE 1	LANE 1
17:33	0	0	0	0	17:33	0	0	0	0
17:34	0	1	0	0	17:34	0	1	0	0
17:35	0	4	0	0	17:35	0	4	0	0
17:36	1	0	0	0	17:36	1	0	0	0
17:37	0	0	0	0	17:37	0	0	0	0
17:38	0	0	0	0	17:38	0	0	0	0
17:39	0	2	0	0	17:39	0	2	0	0
17:40	0	4	0	0	17:40	0	4	0	0
17:41	0	1	0	0	17:41	0	1	0	0
17:42	0	0	0	0	17:42	0	0	0	0
17:43	0	0	0	0	17:43	0	0	0	0
17:44	1	0	0	0	17:44	1	0	0	0
17:45	0	0	0	0	17:45	0	0	0	0
17:46	0	0	0	0	17:46	0	0	0	0
17:47	0	0	0	0	17:47	0	0	0	0
17:48	0	0	0	0	17:48	0	0	0	0
17:49	0	0	0	0	17:49	0	0	0	0
17:50	0	0	0	0	17:50	0	0	0	0
17:51	1	0	0	0	17:51	1	0	0	0
17:52	0	0	0	0	17:52	0	0	0	0
17:53	0	2	0	0	17:53	0	2	0	0
17:54	0	0	0	0	17:54	0	0	0	0
17:55	0	0	0	0	17:55	0	0	0	0
17:56	1	0	0	0	17:56	1	0	0	0
17:57	0	0	0	0	17:57	0	0	0	0
17:58	0	0	0	0	17:58	0	0	0	0
17:59	0	1	0	0	17:59	0	1	0	0
18:00	0	1	0	0	18:00	0	1	0	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 9

DATE: 21/06/2022

LOCATION: A6195 / A635 DONCASTER ROAD / A635

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A		ARM B A635 DONCASTER RD		ARM C		ARM D		TIME	ARM A		ARM B A635 DONCASTER RD		ARM C		ARM D	
	A6195 (N)		A6195 (S)		A635		A6195 (N)			A6195 (S)		A635		A6195 (S)		A635	
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2		LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2
07:00	0	0	0	0	0	0	0	0	15:00	4	0	0	0	0	0	0	0
07:01	0	0	0	0	0	0	0	0	15:01	0	0	3	0	0	0	0	0
07:02	0	0	0	0	0	0	0	0	15:02	0	0	1	0	0	1	0	0
07:03	3	1	2	0	0	1	0	0	15:03	2	0	0	1	0	0	1	0
07:04	1	0	0	0	0	0	0	0	15:04	0	0	0	0	0	0	0	0
07:05	0	0	1	0	1	0	0	0	15:05	0	1	0	0	0	0	0	0
07:06	0	0	0	0	0	0	0	0	15:06	0	0	0	0	6	4	0	0
07:07	0	2	0	0	0	0	0	0	15:07	0	0	1	0	0	0	0	0
07:08	0	0	0	0	1	2	0	0	15:08	0	3	1	0	1	0	0	0
07:09	3	1	1	0	2	2	0	3	15:09	0	0	5	2	0	0	3	2
07:10	0	0	0	0	0	0	3	2	15:10	0	0	0	0	2	2	3	2
07:11	0	1	0	1	0	1	0	0	15:11	2	2	2	0	0	0	0	0
07:12	0	0	0	0	0	0	0	0	15:12	2	0	0	0	0	0	0	0
07:13	2	3	0	1	0	0	0	3	15:13	4	0	4	0	3	0	0	0
07:14	1	0	0	0	3	1	0	0	15:14	2	0	0	0	3	1	1	1
07:15	0	0	0	0	0	0	0	0	15:15	0	0	1	0	2	1	0	0
07:16	0	0	0	0	6	1	2	1	15:16	0	0	0	0	0	1	0	3
07:17	4	3	0	0	0	0	0	0	15:17	0	0	0	0	0	0	0	0
07:18	0	0	1	0	0	0	0	0	15:18	3	0	0	0	3	0	2	0
07:19	4	3	0	0	0	0	0	0	15:19	3	0	0	0	1	1	0	0
07:20	8	3	0	0	0	1	0	0	15:20	3	2	0	0	0	0	0	1
07:21	2	1	0	0	0	1	0	1	15:21	1	1	0	0	0	0	0	0
07:22	2	0	0	0	0	0	0	1	15:22	0	0	0	0	0	0	0	0
07:23	0	0	0	0	0	0	0	0	15:23	0	0	0	0	1	1	1	5
07:24	0	0	0	1	0	0	0	0	15:24	3	1	0	0	0	0	4	5
07:25	0	1	0	0	0	0	0	0	15:25	0	0	2	1	0	0	0	0
07:26	0	0	0	0	1	0	1	2	15:26	2	1	0	0	0	1	1	0
07:27	2	6	1	0	1	3	2	1	15:27	0	0	2	0	0	2	0	0
07:28	5	3	0	0	0	1	2	4	15:28	0	1	1	0	5	4	0	0
07:29	0	0	0	0	0	0	0	0	15:29	0	0	0	0	0	0	1	3
07:30	0	0	3	1	2	3	0	0	15:30	0	0	3	2	0	0	0	0
07:31	2	6	1	1	0	0	0	0	15:31	1	1	3	0	1	0	0	0
07:32	0	1	0	0	0	1	0	0	15:32	0	1	2	2	1	0	0	0
07:33	1	2	0	0	2	0	0	0	15:33	0	0	1	0	0	0	0	0
07:34	6	3	0	0	0	2	0	4	15:34	0	0	0	0	0	1	2	1
07:35	1	1	4	0	0	0	2	2	15:35	0	0	6	0	2	0	2	7
07:36	1	1	4	1	0	0	0	0	15:36	1	1	1	0	0	0	3	0
07:37	5	5	6	0	0	0	0	0	15:37	0	0	3	0	0	1	0	0
07:38	3	5	0	0	1	1	0	0	15:38	0	0	0	0	0	0	0	0
07:39	1	3	0	0	0	0	0	0	15:39	0	0	0	0	1	1	0	0
07:40	0	0	1	1	0	0	0	0	15:40	3	1	2	0	0	0	0	0
07:41	2	1	6	5	0	0	0	0	15:41	2	1	3	0	0	0	0	0
07:42	1	0	7	6	0	0	1	1	15:42	0	0	0	0	0	1	0	0
07:43	3	2	0	0	3	0	2	0	15:43	1	5	0	1	0	0	3	4
07:44	2	3	5	2	2	2	2	2	15:44	0	0	2	1	0	0	0	0
07:45	5	1	0	1	0	1	0	1	15:45	3	0	2	0	0	0	1	5
07:46	0	0	0	0	0	0	0	0	15:46	0	0	0	0	1	0	0	2
07:47	3	2	2	0	0	3	0	0	15:47	2	0	1	1	0	4	0	3
07:48	1	1	3	0	0	1	0	0	15:48	7	0	0	1	0	0	1	0
07:49	0	0	2	1	1	1	1	4	15:49	0	0	1	0	0	0	2	3
07:50	1	0	6	0	0	0	5	7	15:50	2	0	1	2	0	0	0	1

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 9

DATE: 21/06/2022

LOCATION: A6195 / A635 DONCASTER ROAD / A635

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A		ARM B A635 DONCASTER RD		ARM C		ARM D		TIME	ARM A		ARM B A635 DONCASTER RD		ARM C		ARM D	
	A6195 (N)		A6195 (S)		A635		A6195 (N)			A6195 (S)		A635		A6195 (S)		A635	
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2		LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2
07:51	0	0	5	0	0	0	0	1	15:51	0	0	3	0	0	0	0	0
07:52	2	1	1	0	3	1	0	0	15:52	0	0	5	0	0	0	0	0
07:53	3	1	2	0	4	5	0	2	15:53	1	0	0	1	0	0	0	0
07:54	0	0	3	3	0	0	1	1	15:54	1	0	0	0	0	0	0	0
07:55	2	0	0	0	1	0	0	0	15:55	0	0	0	0	0	0	0	0
07:56	1	0	4	1	0	0	0	0	15:56	1	0	1	0	0	0	0	4
07:57	2	0	6	0	1	0	0	0	15:57	3	0	0	0	0	1	0	0
07:58	2	0	0	0	0	0	0	0	15:58	0	0	0	0	0	0	2	1
07:59	1	0	0	0	0	0	1	1	15:59	0	0	2	0	0	0	1	2
08:00	1	0	1	1	0	0	0	1	16:00	0	0	0	0	0	0	0	0
08:01	1	0	1	0	0	0	0	0	16:01	0	0	4	0	1	0	0	0
08:02	3	3	0	0	1	1	2	0	16:02	3	0	0	0	0	0	0	0
08:03	1	0	2	1	0	0	0	0	16:03	0	0	0	0	1	0	1	4
08:04	1	0	0	1	0	2	0	0	16:04	1	0	0	0	4	0	0	1
08:05	1	0	0	0	0	0	0	0	16:05	0	0	0	0	0	0	0	0
08:06	1	0	0	0	0	0	0	0	16:06	1	0	1	0	2	0	0	0
08:07	4	4	0	0	0	0	0	0	16:07	0	0	0	0	1	0	3	6
08:08	0	0	0	0	0	0	3	4	16:08	0	0	0	0	1	0	6	9
08:09	2	2	3	0	3	1	0	0	16:09	0	0	0	0	4	2	0	0
08:10	4	4	0	0	0	0	0	0	16:10	0	0	0	0	7	7	0	0
08:11	0	0	0	0	0	0	0	0	16:11	0	0	0	0	0	1	0	0
08:12	0	1	0	0	2	2	0	0	16:12	3	6	0	3	1	4	0	1
08:13	2	3	0	0	1	0	1	1	16:13	4	6	0	0	0	1	1	1
08:14	6	4	0	0	1	0	0	0	16:14	3	1	0	0	0	0	0	0
08:15	5	0	0	0	1	0	0	0	16:15	1	0	0	0	0	0	0	0
08:16	1	1	1	0	0	0	0	1	16:16	0	0	0	1	0	1	0	2
08:17	0	0	0	1	0	0	0	0	16:17	0	0	0	0	0	0	0	0
08:18	0	1	0	0	0	0	4	0	16:18	0	0	1	0	0	1	0	0
08:19	0	0	0	0	0	1	3	2	16:19	0	0	1	0	0	0	0	0
08:20	2	0	0	4	0	0	0	0	16:20	0	0	0	0	0	0	0	0
08:21	0	0	2	4	0	0	0	0	16:21	0	0	2	1	0	0	0	0
08:22	0	0	0	0	0	0	0	0	16:22	3	0	0	0	0	0	0	0
08:23	0	0	0	0	0	3	0	0	16:23	0	0	3	0	4	0	0	2
08:24	0	0	0	0	0	0	0	0	16:24	0	0	0	0	0	0	0	0
08:25	0	0	0	0	0	0	0	1	16:25	1	0	2	0	0	0	0	0
08:26	0	0	0	0	0	1	0	0	16:26	1	0	2	1	0	0	0	3
08:27	1	0	0	0	2	0	0	1	16:27	2	0	2	0	0	0	3	1
08:28	0	0	0	0	0	0	0	0	16:28	1	0	3	1	2	0	1	0
08:29	0	0	0	0	0	1	0	0	16:29	1	1	0	0	0	0	3	8
08:30	3	1	1	0	0	0	0	1	16:30	0	0	0	0	0	0	0	0
08:31	0	0	0	1	0	0	0	0	16:31	0	0	5	1	4	0	1	1
08:32	0	0	0	0	0	0	1	0	16:32	1	1	0	0	0	0	0	0
08:33	0	0	0	0	0	0	0	0	16:33	0	0	0	0	1	1	0	0
08:34	0	0	0	0	0	0	0	1	16:34	1	1	0	0	1	0	0	0
08:35	0	0	0	1	0	0	0	0	16:35	4	2	0	0	1	1	1	1
08:36	0	1	0	0	1	1	1	0	16:36	2	1	1	1	0	0	0	0
08:37	4	2	0	0	0	0	0	0	16:37	3	2	3	1	0	0	2	1
08:38	0	0	0	0	0	0	0	6	16:38	6	3	1	1	2	1	1	1
08:39	0	1	0	0	0	0	0	6	16:39	0	0	0	0	0	0	0	0
08:40	0	0	0	0	1	1	0	0	16:40	2	0	2	4	1	1	1	1
08:41	1	0	2	0	0	0	1	6	16:41	7	8	1	0	0	0	4	5

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 9

DATE: 21/06/2022

LOCATION: A6195 / A635 DONCASTER ROAD / A635

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A		ARM B A635 DONCASTER RD		ARM C		ARM D		TIME	ARM A		ARM B A635 DONCASTER RD		ARM C		ARM D	
	A6195 (N)		A6195 (S)		A635		A6195 (N)			A6195 (S)		A635		A6195 (S)		A635	
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2		LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2
08:42	0	0	0	0	0	0	0	0	16:42	4	7	1	0	3	1	0	0
08:43	4	0	0	1	0	0	0	0	16:43	4	4	0	0	0	1	1	1
08:44	0	0	0	0	1	1	0	0	16:44	5	0	0	2	3	2	0	0
08:45	1	0	0	2	0	0	2	0	16:45	0	1	0	0	0	0	3	0
08:46	1	0	0	0	1	1	2	2	16:46	3	0	2	2	2	3	0	1
08:47	0	0	0	0	1	0	0	0	16:47	0	0	0	0	2	2	0	0
08:48	0	0	0	0	0	0	0	0	16:48	0	0	0	0	0	0	2	4
08:49	1	1	0	0	0	0	4	2	16:49	0	0	1	1	0	0	0	0
08:50	2	0	1	2	0	0	0	2	16:50	2	0	3	0	0	0	0	0
08:51	0	0	0	0	0	0	0	0	16:51	1	0	0	0	0	0	0	0
08:52	0	0	0	0	0	0	0	2	16:52	0	0	0	0	0	0	0	0
08:53	3	1	0	0	0	0	0	0	16:53	2	0	0	1	1	0	0	0
08:54	0	0	0	0	0	0	2	2	16:54	1	0	2	0	1	1	0	0
08:55	3	0	2	1	0	0	0	0	16:55	0	0	4	0	1	0	1	1
08:56	0	0	0	1	2	1	0	0	16:56	2	0	0	1	1	2	0	0
08:57	5	0	1	0	0	0	0	0	16:57	3	0	0	0	0	0	4	1
08:58	5	1	0	0	0	0	0	0	16:58	1	0	1	2	4	3	1	3
08:59	3	0	0	0	0	0	0	0	16:59	0	0	0	0	1	0	1	4
09:00	3	1	0	0	6	4	0	0	17:00	4	2	0	0	0	0	3	0
									17:01	0	0	1	1	1	1	0	0
									17:02	0	0	0	0	0	0	1	3
									17:03	0	0	0	1	2	2	3	6
									17:04	0	0	0	0	0	0	0	0
									17:05	0	0	1	2	0	0	0	0
									17:06	1	0	0	0	0	0	0	0
									17:07	0	0	0	0	0	0	0	0
									17:08	0	0	0	0	3	1	0	0
									17:09	1	0	0	0	0	3	0	0
									17:10	4	0	0	0	4	4	0	0
									17:11	1	0	0	0	1	1	0	0
									17:12	6	6	1	3	0	0	0	0
									17:13	0	0	0	0	1	0	3	6
									17:14	0	0	0	0	4	2	1	2
									17:15	0	0	3	2	0	0	3	5
									17:16	0	0	1	0	0	0	0	0
									17:17	1	0	0	0	0	0	0	0
									17:18	0	0	1	0	0	0	0	0
									17:19	1	0	1	0	0	0	2	0
									17:20	0	0	0	2	0	0	0	1
									17:21	2	1	0	0	2	2	0	1
									17:22	3	1	1	0	0	0	1	2
									17:23	0	0	0	0	0	0	0	0
									17:24	2	3	1	2	0	0	0	1
									17:25	0	0	0	0	0	0	1	0
									17:26	0	0	4	2	0	0	0	0
									17:27	2	0	0	0	0	0	0	0
									17:28	2	0	0	0	0	0	0	0
									17:29	0	0	1	1	0	0	1	0
									17:30	0	0	6	1	3	3	0	0
									17:31	1	0	0	0	0	0	0	0
									17:32	2	2	0	0	1	0	0	2

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 10

DATE: 21/06/2022

LOCATION: PONTEFRACT ROAD / A6195 / MANVERS WAY

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A PONTEFRACT RD		ARM B A6195 (W)		ARM C MANVERS WAY		ARM D A6195 (E)			TIME	ARM A PONTEFRACT RD		ARM B A6195 (W)		ARM C MANVERS WAY		ARM D A6195 (E)		
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 3		LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 3
07:00	0	0	0	0	0	0	0	0	0	15:00	0	0	0	0	0	0	0	0	0
07:01	0	0	4	0	0	0	0	0	0	15:01	0	0	0	0	0	0	0	0	0
07:02	0	0	0	0	0	0	0	0	0	15:02	0	0	1	0	0	0	0	0	0
07:03	0	0	0	1	1	0	0	0	0	15:03	0	0	0	0	0	0	0	0	0
07:04	0	0	0	1	0	0	0	0	0	15:04	0	0	0	0	0	0	0	0	0
07:05	0	0	0	0	0	1	0	0	0	15:05	0	0	2	0	0	0	0	0	0
07:06	0	0	0	0	0	0	0	0	0	15:06	0	0	0	0	0	0	0	0	0
07:07	0	0	0	0	0	0	0	0	0	15:07	0	0	1	1	2	0	0	0	0
07:08	1	0	0	0	0	0	0	0	0	15:08	0	0	0	0	0	0	0	0	0
07:09	0	0	0	0	0	0	0	0	0	15:09	0	0	0	0	2	0	1	0	0
07:10	0	0	0	0	0	0	0	0	0	15:10	0	0	0	0	0	0	0	0	0
07:11	0	0	0	0	0	0	0	0	0	15:11	0	0	0	2	0	0	0	0	0
07:12	0	0	0	0	0	0	0	0	0	15:12	0	0	0	0	0	0	0	0	0
07:13	0	0	0	0	4	4	0	0	0	15:13	0	0	0	0	0	1	1	0	0
07:14	0	0	0	0	0	0	0	0	0	15:14	0	0	0	0	1	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	15:15	0	0	0	0	0	0	0	0	0
07:16	0	0	0	0	0	3	0	0	0	15:16	0	0	0	0	1	1	0	0	0
07:17	0	0	0	0	0	0	0	0	0	15:17	0	0	0	0	0	1	0	0	0
07:18	0	0	0	0	1	1	0	0	0	15:18	0	0	0	0	0	0	0	0	0
07:19	0	0	0	0	0	0	0	0	0	15:19	0	0	0	0	3	0	0	0	0
07:20	0	0	0	0	0	0	0	0	0	15:20	0	0	0	0	0	0	0	0	0
07:21	0	0	0	0	0	0	0	0	0	15:21	0	0	0	0	0	0	0	0	0
07:22	0	0	0	0	0	0	0	0	0	15:22	0	0	0	0	0	0	0	0	0
07:23	0	0	0	0	0	0	0	0	0	15:23	0	0	0	0	1	0	0	0	0
07:24	0	0	0	0	2	2	0	0	0	15:24	2	0	0	1	0	0	0	0	0
07:25	0	0	0	0	0	1	0	0	0	15:25	0	0	0	0	3	1	0	0	0
07:26	0	0	0	0	0	1	0	0	0	15:26	0	0	0	0	0	0	0	0	0
07:27	0	1	1	1	0	0	0	0	0	15:27	0	0	0	0	0	0	1	1	0
07:28	0	0	0	0	0	2	0	0	0	15:28	0	0	0	0	0	0	0	0	0
07:29	0	0	0	0	0	0	2	0	0	15:29	0	0	0	1	0	1	3	2	0
07:30	0	0	0	0	0	2	0	1	0	15:30	0	0	0	0	0	0	0	0	0
07:31	0	0	0	0	0	3	0	0	0	15:31	0	0	0	1	0	1	0	0	0
07:32	0	0	0	0	0	0	0	0	0	15:32	0	0	0	0	0	0	0	0	0
07:33	0	0	0	0	0	0	0	0	0	15:33	0	0	0	0	0	0	0	0	0
07:34	0	0	1	0	5	0	0	0	0	15:34	0	0	0	0	0	0	0	2	0
07:35	0	0	0	0	1	2	0	0	0	15:35	0	0	0	0	0	0	0	0	0
07:36	1	0	0	0	1	1	0	0	0	15:36	0	0	0	0	0	0	0	1	0
07:37	0	0	0	0	0	0	0	0	0	15:37	0	0	1	0	6	1	0	0	0
07:38	0	0	2	0	0	0	0	0	0	15:38	0	0	0	5	1	4	0	0	0
07:39	0	0	0	0	0	0	0	0	0	15:39	0	0	5	2	0	2	0	4	0
07:40	0	0	0	0	0	0	0	0	0	15:40	0	0	0	0	0	0	0	0	0
07:41	1	0	0	0	0	2	1	1	1	15:41	0	0	0	0	0	0	0	0	0
07:42	0	0	1	1	0	2	0	0	0	15:42	0	0	0	0	0	0	0	0	0
07:43	0	0	2	0	0	0	0	0	0	15:43	0	0	1	1	0	1	0	0	0
07:44	0	0	0	0	0	0	0	0	0	15:44	0	0	0	0	1	0	1	1	0
07:45	0	0	0	0	0	0	0	0	0	15:45	0	0	0	0	3	2	0	0	0
07:46	0	0	0	0	2	1	0	0	0	15:46	0	0	0	3	1	1	0	0	0
07:47	0	0	0	0	0	1	0	0	0	15:47	0	0	0	0	0	1	0	0	0
07:48	0	0	0	2	0	0	0	0	0	15:48	0	0	0	0	3	2	0	0	0
07:49	0	0	0	2	0	2	0	0	0	15:49	0	0	0	0	0	0	0	0	0
07:50	0	0	2	0	1	0	0	2	0	15:50	0	0	0	0	0	1	0	0	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 10

DATE: 21/06/2022

LOCATION: PONTEFRACT ROAD / A6195 / MANVERS WAY

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A PONTEFRACT RD		ARM B A6195 (W)		ARM C MANVERS WAY		ARM D A6195 (E)			TIME	ARM A PONTEFRACT RD		ARM B A6195 (W)		ARM C MANVERS WAY		ARM D A6195 (E)		
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 3		LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 3
07:51	0	0	0	0	1	3	0	0	0	15:51	0	0	1	1	0	3	0	2	0
07:52	0	0	0	0	0	3	0	0	0	15:52	0	0	2	2	0	1	0	0	0
07:53	0	0	1	1	0	2	0	1	0	15:53	0	0	0	1	0	0	0	0	0
07:54	0	0	0	0	0	0	3	0	0	15:54	0	1	3	0	0	0	0	2	0
07:55	0	0	1	0	2	2	0	0	0	15:55	0	0	0	0	0	1	0	0	0
07:56	0	0	0	0	0	2	0	0	0	15:56	0	0	1	1	1	0	0	0	0
07:57	0	0	0	0	2	2	0	0	0	15:57	0	0	0	0	1	1	0	1	0
07:58	0	0	0	0	0	0	0	0	0	15:58	0	0	1	0	0	0	0	0	0
07:59	0	0	0	0	0	0	0	0	0	15:59	0	0	0	0	0	0	0	0	0
08:00	0	0	3	0	0	0	0	0	0	16:00	0	0	0	0	0	0	0	0	0
08:01	0	0	0	0	0	0	0	0	0	16:01	0	0	0	0	1	0	0	0	0
08:02	0	0	0	0	0	0	0	0	0	16:02	0	0	0	1	0	0	0	0	0
08:03	0	0	0	0	0	0	0	0	0	16:03	0	0	0	0	0	5	0	0	0
08:04	1	0	0	0	2	1	0	0	0	16:04	0	0	0	0	0	0	0	0	0
08:05	0	0	2	0	1	1	0	0	0	16:05	0	0	0	0	0	0	0	0	0
08:06	0	0	0	0	0	1	0	0	0	16:06	0	0	0	0	0	0	0	0	0
08:07	0	0	0	0	0	0	0	0	0	16:07	0	0	0	0	0	0	0	0	0
08:08	0	0	0	0	0	0	0	0	0	16:08	0	0	0	0	1	2	0	0	0
08:09	0	0	0	0	0	0	0	0	0	16:09	0	0	0	0	1	3	0	0	0
08:10	0	0	0	0	0	1	0	0	0	16:10	1	0	0	0	0	1	2	5	0
08:11	0	0	1	1	0	0	0	0	0	16:11	0	1	0	0	0	0	0	0	0
08:12	0	0	0	4	0	0	0	0	0	16:12	0	0	0	0	0	0	0	0	0
08:13	0	0	0	0	0	0	0	0	0	16:13	0	0	0	0	0	0	0	0	0
08:14	0	0	2	0	4	3	0	0	0	16:14	0	0	0	0	0	0	0	0	0
08:15	0	0	3	2	0	0	0	0	0	16:15	0	0	0	0	0	0	0	0	0
08:16	0	0	0	0	3	3	0	0	0	16:16	0	0	0	0	1	0	0	0	0
08:17	0	0	0	0	0	1	0	0	0	16:17	0	0	0	0	0	3	0	0	0
08:18	0	0	0	0	0	0	0	0	0	16:18	0	0	0	0	0	0	0	0	0
08:19	0	0	0	0	0	0	2	0	0	16:19	1	0	0	0	0	1	1	0	0
08:20	0	0	0	0	0	0	0	0	0	16:20	0	0	0	0	0	0	1	1	0
08:21	0	0	0	0	0	2	0	0	0	16:21	0	0	2	3	0	0	0	0	0
08:22	0	0	0	0	0	0	0	0	0	16:22	0	0	0	0	0	0	0	0	0
08:23	0	1	2	0	0	0	0	0	0	16:23	0	0	0	0	0	0	0	1	0
08:24	0	0	0	0	2	1	0	0	0	16:24	0	0	0	0	2	2	0	0	0
08:25	0	0	0	1	0	0	0	0	0	16:25	0	0	0	0	0	0	0	0	0
08:26	0	0	0	0	0	0	0	0	0	16:26	0	1	0	0	0	0	1	3	0
08:27	0	0	1	1	0	0	0	0	0	16:27	0	0	0	0	1	0	0	0	0
08:28	0	0	0	0	0	3	0	0	0	16:28	0	0	0	0	1	0	0	0	0
08:29	0	1	0	0	0	0	1	0	0	16:29	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	1	6	0	0	0	16:30	0	0	0	0	0	1	0	0	0
08:31	0	0	0	0	1	0	0	0	0	16:31	0	0	3	1	0	0	0	0	0
08:32	0	0	0	0	0	0	0	0	0	16:32	0	0	0	0	1	1	0	0	0
08:33	0	0	0	0	0	0	0	0	0	16:33	0	0	0	0	1	3	0	0	0
08:34	0	0	0	0	0	2	1	1	0	16:34	0	0	0	1	0	2	0	0	0
08:35	0	0	1	1	0	0	0	0	0	16:35	1	0	0	0	1	0	0	2	0
08:36	0	0	0	0	0	0	0	0	0	16:36	0	0	0	0	0	0	0	0	0
08:37	0	0	0	0	0	0	0	0	0	16:37	0	0	0	0	0	0	0	0	0
08:38	0	0	0	0	1	1	0	1	0	16:38	0	0	0	0	0	0	0	0	0
08:39	0	0	0	0	4	4	0	0	0	16:39	0	0	0	0	0	0	0	0	0
08:40	0	0	0	3	0	0	0	0	0	16:40	0	0	0	0	0	0	0	0	0
08:41	0	0	1	0	0	0	0	0	0	16:41	0	0	0	0	2	1	0	0	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 10

DATE: 21/06/2022

LOCATION: PONTEFRAC T ROAD / A6195 / MANVERS WAY

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A PONTEFRAC T RD		ARM B A6195 (W)		ARM C MANVERS WAY		ARM D A6195 (E)		
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 3
	08:42	0	0	0	0	0	0	0	0
08:43	0	0	0	0	0	0	0	0	0
08:44	0	0	0	5	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0
08:46	1	0	0	0	0	0	0	0	0
08:47	0	0	0	0	0	0	0	0	0
08:48	0	0	0	1	0	0	0	2	0
08:49	0	0	0	0	0	0	0	0	0
08:50	0	0	0	0	0	0	0	0	0
08:51	0	0	0	0	0	0	2	0	0
08:52	0	0	0	0	0	0	0	0	0
08:53	0	0	1	0	0	0	0	0	0
08:54	1	0	0	0	0	0	0	0	0
08:55	1	0	0	0	0	0	0	0	0
08:56	0	0	0	0	0	0	1	1	0
08:57	0	0	0	0	0	1	0	0	0
08:58	0	0	0	0	0	0	0	0	0
08:59	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	1	0	0	0

TIME	ARM A PONTEFRAC T RD		ARM B A6195 (W)		ARM C MANVERS WAY		ARM D A6195 (E)		
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 3
	16:42	1	0	2	1	0	0	0	0
16:43	0	0	0	0	1	6	0	0	0
16:44	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0
16:46	0	0	0	1	2	0	1	1	0
16:47	0	0	0	0	0	0	2	0	0
16:48	0	0	1	2	1	1	0	0	0
16:49	0	0	0	1	0	0	0	0	0
16:50	0	0	0	0	3	0	0	0	0
16:51	0	0	1	1	0	0	0	0	0
16:52	0	0	0	0	0	0	1	1	0
16:53	0	0	0	0	0	4	0	0	0
16:54	0	0	3	3	0	0	0	0	0
16:55	0	0	0	0	0	0	0	0	0
16:56	0	0	0	0	1	2	0	0	0
16:57	0	0	0	1	0	2	0	0	0
16:58	0	0	0	0	0	0	0	0	0
16:59	0	0	3	0	1	0	0	0	0
17:00	0	0	0	0	0	0	0	1	0
17:01	0	0	0	0	2	1	0	0	0
17:02	0	0	0	0	0	1	0	0	0
17:03	0	0	0	0	0	7	0	0	0
17:04	0	0	0	1	0	0	0	0	0
17:05	0	0	0	0	0	4	0	0	0
17:06	1	0	3	0	0	2	0	0	0
17:07	0	0	0	0	0	0	0	0	0
17:08	0	0	0	0	0	0	0	0	0
17:09	0	0	0	1	0	2	2	0	0
17:10	0	0	0	2	0	0	0	0	0
17:11	0	0	1	0	0	0	0	1	0
17:12	0	0	0	0	6	4	0	0	0
17:13	1	0	1	1	2	2	0	0	0
17:14	0	0	0	0	0	1	0	1	0
17:15	0	0	0	0	2	4	0	0	0
17:16	0	0	0	0	2	2	0	0	0
17:17	0	0	0	1	1	5	0	1	0
17:18	0	0	0	0	2	0	0	0	0
17:19	0	0	0	2	0	0	0	2	0
17:20	0	0	0	0	0	0	0	0	0
17:21	0	0	0	0	2	0	0	0	0
17:22	0	0	1	4	0	2	0	0	0
17:23	0	0	2	1	1	3	0	0	0
17:24	0	0	0	0	1	2	0	0	0
17:25	0	0	1	1	0	0	1	1	0
17:26	0	0	0	2	0	0	1	0	0
17:27	0	0	0	0	0	0	0	0	0
17:28	0	0	0	0	0	0	0	0	0
17:29	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	1	4	3	2	0
17:31	0	0	0	0	0	0	0	0	0
17:32	0	0	1	2	0	0	0	0	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 12

DATE: 21/06/2022

LOCATION: DEARNE VALLEY PKWY / CORTON WOOD

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A DEARNE VALLEY PKWY (W)		ARM B CORTON WOOD		ARM C DEARNE VALLEY PKWY (NE)		TIME	ARM A DEARNE VALLEY PKWY (W)		ARM B CORTON WOOD		ARM C DEARNE VALLEY PKWY (NE)	
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2		LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2
	07:00	0	0	0	0	0		0	15:00	0	0	0	0
07:01	0	0	0	0	0	0	15:01	0	2	0	1	0	0
07:02	0	0	0	0	0	0	15:02	0	0	0	0	0	0
07:03	0	0	0	0	0	0	15:03	0	0	0	0	0	0
07:04	0	0	0	0	0	0	15:04	0	0	0	1	0	0
07:05	0	0	0	0	0	1	15:05	0	0	0	0	0	0
07:06	0	0	0	0	0	0	15:06	0	0	0	0	0	0
07:07	0	0	0	0	0	0	15:07	0	0	0	0	0	0
07:08	0	0	0	0	0	0	15:08	0	0	1	0	0	0
07:09	0	0	0	0	0	0	15:09	0	0	1	4	0	0
07:10	0	0	0	0	0	0	15:10	0	0	0	0	0	0
07:11	0	0	0	0	0	0	15:11	0	0	1	0	0	0
07:12	0	0	0	0	0	0	15:12	0	0	0	0	0	0
07:13	0	0	0	0	0	0	15:13	0	0	2	1	0	0
07:14	0	0	1	0	0	0	15:14	0	0	1	0	0	1
07:15	0	0	0	1	0	0	15:15	0	0	0	0	0	0
07:16	0	0	0	0	0	0	15:16	0	0	0	2	0	0
07:17	0	0	0	0	0	0	15:17	1	0	1	1	0	0
07:18	0	0	0	0	0	0	15:18	0	0	0	2	0	0
07:19	0	0	0	0	0	0	15:19	0	0	0	2	0	0
07:20	0	0	0	1	0	0	15:20	0	0	0	0	1	1
07:21	0	0	0	0	0	0	15:21	0	0	0	2	0	0
07:22	0	0	0	0	0	0	15:22	0	0	0	0	0	1
07:23	0	0	0	0	0	0	15:23	1	0	0	0	0	0
07:24	0	0	0	0	0	0	15:24	0	0	0	4	0	0
07:25	0	0	0	0	0	0	15:25	0	0	1	3	0	0
07:26	0	0	0	1	0	0	15:26	0	0	1	2	0	0
07:27	0	0	0	0	0	0	15:27	0	0	0	0	0	0
07:28	0	0	0	0	0	0	15:28	0	0	0	0	0	0
07:29	0	0	0	0	0	0	15:29	0	0	1	1	0	0
07:30	0	0	0	0	0	0	15:30	0	0	0	0	0	0
07:31	0	0	0	0	0	0	15:31	2	0	0	0	0	0
07:32	0	0	0	0	0	0	15:32	0	0	0	2	0	0
07:33	0	0	0	0	0	0	15:33	0	0	0	3	0	0
07:34	0	0	0	0	0	0	15:34	0	0	0	0	1	0
07:35	0	0	0	0	0	0	15:35	1	0	0	2	0	0
07:36	0	0	0	1	0	0	15:36	0	0	0	1	0	0
07:37	0	0	0	0	0	3	15:37	0	0	0	0	0	0
07:38	0	0	0	0	0	5	15:38	0	0	1	1	0	0
07:39	0	0	0	0	0	0	15:39	0	0	0	0	0	0
07:40	0	0	0	0	0	0	15:40	0	0	0	0	0	0
07:41	0	0	0	0	0	0	15:41	2	0	0	2	0	0
07:42	0	0	0	0	0	0	15:42	0	0	0	1	0	0
07:43	0	0	1	0	0	0	15:43	0	0	0	0	0	0
07:44	0	0	0	0	0	0	15:44	0	0	0	0	0	0
07:45	0	0	0	0	0	0	15:45	1	0	0	0	0	0
07:46	1	1	0	0	0	0	15:46	0	0	0	0	0	0
07:47	0	0	0	0	0	0	15:47	0	0	0	2	0	0
07:48	0	0	0	1	0	0	15:48	0	0	0	0	0	0
07:49	0	0	0	0	0	0	15:49	0	0	0	0	0	0
07:50	0	0	0	0	0	0	15:50	0	0	2	6	0	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 12

DATE: 21/06/2022

LOCATION: DEARNE VALLEY PKWY / CORTON WOOD

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A DEARNE VALLEY PKWY (W)		ARM B CORTON WOOD		ARM C DEARNE VALLEY PKWY (NE)		TIME	ARM A DEARNE VALLEY PKWY (W)		ARM B CORTON WOOD		ARM C DEARNE VALLEY PKWY (NE)	
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2		LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2
07:51	0	0	0	0	0	0	15:51	0	0	1	2	0	0
07:52	0	0	0	0	0	0	15:52	0	0	0	0	0	0
07:53	0	0	0	0	0	0	15:53	0	0	0	0	0	0
07:54	0	0	0	0	0	0	15:54	0	0	0	1	0	0
07:55	0	0	0	0	0	0	15:55	0	0	0	0	1	0
07:56	0	0	1	2	0	0	15:56	0	0	2	1	0	0
07:57	0	0	0	1	0	0	15:57	0	0	0	0	0	0
07:58	0	0	1	0	0	0	15:58	0	0	0	0	0	0
07:59	0	0	0	0	0	0	15:59	0	0	0	0	0	0
08:00	0	0	0	0	0	1	16:00	0	1	0	0	0	0
08:01	0	0	0	0	0	0	16:01	0	0	0	0	1	2
08:02	0	0	0	0	0	0	16:02	1	0	0	0	0	0
08:03	0	0	0	0	0	0	16:03	1	0	0	1	0	0
08:04	0	0	0	0	0	0	16:04	0	0	1	1	0	0
08:05	0	0	0	0	0	0	16:05	0	0	0	0	0	0
08:06	0	0	0	0	0	0	16:06	0	0	0	0	0	0
08:07	0	0	0	0	0	0	16:07	0	0	0	0	0	0
08:08	0	0	0	0	0	0	16:08	0	0	0	0	0	0
08:09	0	0	0	0	0	1	16:09	0	0	0	0	0	0
08:10	2	0	0	0	0	0	16:10	0	0	2	3	0	0
08:11	0	0	0	0	0	0	16:11	2	1	0	0	0	0
08:12	0	0	0	0	0	0	16:12	0	0	0	0	0	6
08:13	0	0	0	0	0	0	16:13	0	0	0	3	0	0
08:14	0	0	0	0	0	0	16:14	0	0	1	4	0	0
08:15	0	0	1	0	0	0	16:15	0	0	1	2	0	0
08:16	0	0	0	0	0	4	16:16	0	0	0	1	0	0
08:17	0	0	0	0	0	0	16:17	0	0	0	0	0	0
08:18	0	0	0	0	0	0	16:18	1	0	0	1	0	0
08:19	0	0	1	0	0	0	16:19	0	0	0	0	0	0
08:20	0	0	0	0	0	0	16:20	0	0	1	1	0	0
08:21	0	0	0	0	0	0	16:21	1	1	1	3	2	2
08:22	0	0	0	0	0	0	16:22	0	0	1	1	0	0
08:23	0	0	0	0	0	0	16:23	0	0	0	0	0	0
08:24	0	0	0	0	0	0	16:24	0	0	0	2	0	0
08:25	0	0	0	0	0	0	16:25	0	0	1	4	0	0
08:26	0	0	0	0	0	0	16:26	0	0	0	0	0	0
08:27	0	0	1	1	0	0	16:27	0	0	0	2	0	0
08:28	0	0	0	1	0	0	16:28	0	3	0	0	0	0
08:29	0	0	0	0	0	0	16:29	0	0	1	1	0	0
08:30	0	0	0	0	0	0	16:30	0	0	0	0	0	0
08:31	0	0	0	0	0	0	16:31	0	0	2	2	0	0
08:32	0	0	0	0	0	0	16:32	2	0	0	0	0	0
08:33	0	0	0	0	0	0	16:33	0	0	0	0	0	0
08:34	0	0	0	0	0	0	16:34	0	0	1	2	0	0
08:35	0	0	0	0	0	0	16:35	0	0	0	0	0	0
08:36	0	0	0	0	0	0	16:36	0	1	0	1	0	0
08:37	0	0	0	2	0	0	16:37	0	0	2	3	0	0
08:38	0	0	0	0	0	0	16:38	5	0	0	2	0	0
08:39	0	0	0	0	0	0	16:39	0	0	0	2	0	0
08:40	0	0	0	0	0	0	16:40	0	0	3	6	0	0
08:41	0	0	0	2	0	0	16:41	2	2	0	3	0	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 12

DATE: 21/06/2022

LOCATION: DEARNE VALLEY PKWY / CORTON WOOD

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A DEARNE VALLEY PKWY (W)		ARM B CORTON WOOD		ARM C DEARNE VALLEY PKWY (NE)		TIME	ARM A DEARNE VALLEY PKWY (W)		ARM B CORTON WOOD		ARM C DEARNE VALLEY PKWY (NE)	
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2		LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2
	08:42	0	0	1	1	0		0	16:42	0	0	0	0
08:43	0	0	0	0	0	0	16:43	0	0	0	0	0	0
08:44	0	0	0	0	0	0	16:44	1	1	0	0	0	0
08:45	0	0	0	0	1	3	16:45	0	0	1	1	0	0
08:46	0	0	0	0	0	0	16:46	0	0	4	2	0	0
08:47	0	0	0	0	0	0	16:47	0	0	1	2	0	0
08:48	2	0	1	2	0	0	16:48	0	0	0	2	0	0
08:49	0	0	0	0	0	2	16:49	0	0	0	0	0	0
08:50	0	0	0	0	0	0	16:50	0	0	0	4	0	0
08:51	0	0	0	0	0	0	16:51	0	0	0	0	0	0
08:52	0	0	0	0	0	0	16:52	2	0	0	1	0	0
08:53	0	0	0	0	1	0	16:53	2	0	0	1	0	0
08:54	0	0	0	0	0	0	16:54	0	0	0	0	0	0
08:55	0	0	0	2	0	0	16:55	0	0	0	0	0	0
08:56	0	0	0	0	0	0	16:56	0	0	1	1	0	0
08:57	0	0	0	0	0	0	16:57	0	0	0	4	0	0
08:58	0	0	0	0	0	1	16:58	0	0	1	2	0	0
08:59	0	0	0	1	1	2	16:59	0	0	1	0	0	0
09:00	0	0	0	0	0	0	17:00	0	0	5	1	0	0
							17:01	0	0	0	6	0	0
							17:02	0	2	0	0	0	0
							17:03	1	0	0	0	1	1
							17:04	0	0	0	3	0	0
							17:05	0	0	0	0	0	0
							17:06	0	0	0	1	0	0
							17:07	0	0	0	2	0	0
							17:08	0	0	2	2	0	0
							17:09	0	0	3	3	0	0
							17:10	0	0	0	2	0	0
							17:11	4	1	0	4	0	0
							17:12	0	0	0	0	0	0
							17:13	0	0	5	6	0	0
							17:14	0	0	0	4	0	0
							17:15	0	0	2	4	0	0
							17:16	7	2	0	0	0	0
							17:17	0	0	0	0	0	0
							17:18	0	0	0	5	0	0
							17:19	2	1	0	3	0	0
							17:20	2	1	1	2	0	0
							17:21	0	0	1	5	0	0
							17:22	0	0	0	0	0	0
							17:23	0	0	0	1	0	1
							17:24	0	0	2	3	0	0
							17:25	0	0	3	5	0	0
							17:26	0	0	0	0	0	0
							17:27	1	0	0	0	0	0
							17:28	0	0	1	4	0	0
							17:29	0	0	2	2	0	0
							17:30	0	0	0	0	0	0
							17:31	5	2	0	2	0	0
							17:32	1	0	0	0	0	0

QUEUE LENGTHS



JOB REF: 27267

JOB NAME: GOLDTHORPE

SITE: 12

DATE: 21/06/2022

LOCATION: DEARNE VALLEY PKWY / CORTON WOOD

DAY: TUESDAY

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 1-minute interval, by lane

TIME	ARM A DEARNE VALLEY PKWY (W)		ARM B CORTON WOOD		ARM C DEARNE VALLEY PKWY (NE)		TIME	ARM A DEARNE VALLEY PKWY (W)		ARM B CORTON WOOD		ARM C DEARNE VALLEY PKWY (NE)	
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2		LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2
	17:33	0	0	0	0	0		0	17:33	0	0	0	0
17:34	0	0	0	2	0	0	17:34	0	0	0	2	0	0
17:35	0	2	0	0	0	0	17:35	0	2	0	0	0	0
17:36	0	0	0	0	0	0	17:36	0	0	0	0	0	1
17:37	0	0	0	0	0	0	17:37	0	0	0	0	0	0
17:38	1	1	1	4	0	0	17:38	1	1	1	4	0	0
17:39	1	1	0	1	0	0	17:39	1	1	0	1	0	0
17:40	0	0	0	0	0	0	17:40	0	0	0	0	0	0
17:41	0	0	0	0	0	0	17:41	0	0	0	0	0	1
17:42	4	1	0	0	0	0	17:42	4	1	0	0	0	0
17:43	0	0	0	0	1	1	17:43	0	0	0	0	1	1
17:44	0	0	0	0	0	0	17:44	0	0	0	0	0	0
17:45	0	0	4	0	0	0	17:45	0	0	4	0	0	0
17:46	0	0	0	0	0	0	17:46	0	0	0	0	0	0
17:47	0	0	0	1	0	0	17:47	0	0	0	1	0	0
17:48	1	1	0	0	0	0	17:48	1	1	0	0	0	0
17:49	0	0	0	0	2	0	17:49	0	0	0	0	2	0
17:50	0	0	0	0	0	0	17:50	0	0	0	0	0	0
17:51	0	0	0	0	0	0	17:51	0	0	0	0	0	0
17:52	0	0	1	0	0	0	17:52	0	0	1	0	0	0
17:53	0	0	3	0	0	0	17:53	0	0	3	0	0	0
17:54	0	0	0	0	0	0	17:54	0	0	0	0	0	0
17:55	2	0	0	2	0	0	17:55	2	0	0	2	0	0
17:56	0	0	0	2	0	0	17:56	0	0	0	2	0	0
17:57	0	1	0	3	0	0	17:57	0	1	0	3	0	0
17:58	0	0	0	2	0	0	17:58	0	0	0	2	0	0
17:59	0	0	0	1	0	0	17:59	0	0	0	1	0	0
18:00	0	0	0	0	0	0	18:00	0	0	0	0	0	0

Appendix I

NTM/TEMPro Traffic Growth

Traffic Growth Factors

TEMPro v8.1

Barnsley District

A Roads

Time Period	No Alternative Assumptions	With Alternative Assumptions
	2022-2028	2022-2028
Weekday AM Peak	1.0462	1.0235
Weekday PM Peak	1.0464	1.0241

Alternative Assumptions applied to account for proposed development and cumulative sites

Growth Period	TEMPro Projections						Alternative Assumptions					
	Base Jobs	Future Jobs	Increase	Base HH	Future HH	Increase	Base Jobs	Future Jobs	Increase	Base HH	Future HH	Increase
2022-2028	92,140	94,548	2,408	108,548	112,509	3,961	92,140	92,140	0	108,548	110,493	1,945

Predicted Jobs Associated with the Proposed Development

Employees per sqm as per Employment Density Guide 3rd Edition

Floor Area (sqm)	204,000
------------------	---------

Use	Split	Floor Area (sqm)	sqm/Employee	Employees
B8	70%	142,800	77	1,855
B2	30%	61,200	36	1,700
Total				3,555

Predicted Jobs Associated with Cumulative Developments

Use	Quantum	sqm/Employee	Employees
B1 Floor Area (sqm)	19,147	12	1,596
B2 Floor Area (sqm)	42,898	36	1,192
B8 Floor Area (sqm)	0	77	0
Total			2,787

Total Jobs (Proposed and Cumulative Developments)

Total Jobs	6,342
------------	-------

Number of jobs (6,342) considered for proposed and cumulative developments outstrips the TEMPro job increases for the Barnsley district for 2028. Future job projections therefore reduced to base level.

Predicted Households Associated with Cumulative Developments

Households	2,016
------------	-------

Number of households (2,016) considered for the cumulative developments has been subtracted from the projected household increase in TEMPro

Appendix J

Junctions10 Output - Approved Site Access Roundabout

Junctions 10
ARCADY 10 - Roundabout Module
Version: 10.0.2.1574 © Copyright TRL Software Limited, 2021
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Filename: 2023-11-15_ Approved Site Access.j10
Path: G:\Shared drives\Jobs3000\3465 Employment Site at Goldthorpe\Junction Models\Proposed Site Access
Report generation date: 30/11/2023 15:19:38

«Approved Layout - 2028 With Development, AM

- »Junction Network
- »Arms
- »Traffic Demand
- »Origin-Destination Data
- »Vehicle Mix
- »Results

Summary of junction performance

	AM			PM		
	Queue (PCU)	Delay (s)	RFC	Queue (PCU)	Delay (s)	RFC
Approved Layout - 2028 With Development						
1 - A635 (East)	2.4	5.35	0.69	2.1	4.62	0.66
2 - Proposed Site Access	0.2	4.91	0.14	0.6	5.26	0.36
3 - A635 (West)	2.7	5.64	0.71	1.9	4.64	0.64

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

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

File summary

File Description

Title	Approved Site Access Roundabout
Location	
Site number	
Date	29/03/2023
Version	
Status	Approved
Identifier	
Client	Equites Newlands (Goldthorpe) Ltd
Jobnumber	
Enumerator	Fore Consulting Limited
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	PCU	PCU	perHour	s	-Min	perMin

Analysis Options

Vehicle length (m)	Calculate Queue Percentiles	Calculate detailed queueing delay	Show lane queues in feet / metres	Show all PICADY stream intercepts	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)	Use iterations with HCM roundabouts	Max number of iterations for roundabouts
5.75						0.85	36.00	20.00		500

Analysis Set Details

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

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	2028 With Development	AM	ONE HOUR	06:45	08:15	15	✓

Approved Layout - 2028 With Development, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Geometry	1 - A635 (East) - Roundabout Geometry	Effective flare length is over 30m, which is outside the normal range. Treat capacities with increasing caution.
Warning	Geometry	3 - A635 (West) - Roundabout Geometry	Effective flare length is over 30m, which is outside the normal range. Treat capacities with increasing caution.

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	untitled	Standard Roundabout		1, 2, 3	5.47	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	5.47	A

Arms

Arms

Arm	Name	Description	No give-way line
1	A635 (East)		
2	Proposed Site Access		
3	A635 (West)		

Roundabout Geometry

Arm	V - Approach road half-width (m)	E - Entry width (m)	I' - Effective flare length (m)	R - Entry radius (m)	D - Inscribed circle diameter (m)	PHI - Conflict (entry) angle (deg)	Entry only	Exit only
1 - A635 (East)	4.68	8.75	79.6	21.1	48.0	20.7		
2 - Proposed Site Access	7.42	8.29	8.5	22.3	48.0	39.6		
3 - A635 (West)	3.36	8.69	87.9	20.1	48.0	14.8		

Slope / Intercept / Capacity

Roundabout Slope and Intercept used in model

Arm	Final slope	Final intercept (PCU/hr)
1 - A635 (East)	0.793	2564
2 - Proposed Site Access	0.739	2378
3 - A635 (West)	0.785	2496

The slope and intercept shown above include any corrections and adjustments.

Traffic Demand

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 (PCU/hr)	Scaling Factor (%)
1 - A635 (East)		ONE HOUR	✓	1488	100.000
2 - Proposed Site Access		ONE HOUR	✓	163	100.000
3 - A635 (West)		ONE HOUR	✓	1579	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		1 - A635 (East)	2 - Proposed Site Access	3 - A635 (West)
From	1 - A635 (East)	0	172	1316
	2 - Proposed Site Access	62	0	101
	3 - A635 (West)	1361	218	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		1 - A635 (East)	2 - Proposed Site Access	3 - A635 (West)
From	1 - A635 (East)	0	12	9
	2 - Proposed Site Access	45	0	60
	3 - A635 (West)	9	20	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1 - A635 (East)	0.69	5.35	2.4	A	1365	2048
2 - Proposed Site Access	0.14	4.91	0.2	A	150	224
3 - A635 (West)	0.71	5.64	2.7	A	1449	2173

Main Results for each time segment

06:45 - 07:00

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - A635 (East)	1120	280	164	2434	0.460	1117	1068	0.0	0.9	2.978	A
2 - Proposed Site Access	123	31	987	1648	0.074	122	293	0.0	0.1	3.631	A
3 - A635 (West)	1189	297	46	2460	0.483	1185	1063	0.0	1.0	3.106	A

07:00 - 07:15

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - A635 (East)	1338	334	196	2409	0.555	1336	1278	0.9	1.4	3.661	A
2 - Proposed Site Access	147	37	1182	1505	0.097	146	350	0.1	0.2	4.079	A
3 - A635 (West)	1419	355	56	2453	0.579	1418	1272	1.0	1.5	3.833	A

07:15 - 07:30

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - A635 (East)	1638	410	239	2374	0.690	1634	1563	1.4	2.4	5.288	A
2 - Proposed Site Access	179	45	1445	1310	0.137	179	428	0.2	0.2	4.899	A
3 - A635 (West)	1739	435	68	2443	0.712	1734	1556	1.5	2.7	5.570	A

07:30 - 07:45

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - A635 (East)	1638	410	240	2374	0.690	1638	1567	2.4	2.4	5.348	A
2 - Proposed Site Access	179	45	1449	1307	0.137	179	429	0.2	0.2	4.912	A
3 - A635 (West)	1739	435	68	2443	0.712	1738	1560	2.7	2.7	5.641	A

07:45 - 08:00

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - A635 (East)	1338	334	197	2408	0.555	1342	1283	2.4	1.4	3.707	A
2 - Proposed Site Access	147	37	1187	1501	0.098	147	352	0.2	0.2	4.093	A
3 - A635 (West)	1419	355	56	2452	0.579	1424	1278	2.7	1.5	3.883	A

08:00 - 08:15

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - A635 (East)	1120	280	164	2434	0.460	1122	1073	1.4	0.9	3.004	A
2 - Proposed Site Access	123	31	992	1645	0.075	123	294	0.2	0.1	3.641	A
3 - A635 (West)	1189	297	47	2460	0.483	1191	1068	1.5	1.0	3.138	A

Appendix K

Junctions10 Output - Hollygrove Roundabout

Junctions 10
ARCADY 10 - Roundabout Module
Version: 10.0.2.1574 © Copyright TRL Software Limited, 2021
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Filename: 2023-11-15_Hollygrove Roundabout.j10
Path: G:\Shared drives\Jobs3000\3465 Employment Site at Goldthorpe\Junction Models\Hollygrove Roundabout
Report generation date: 30/11/2023 15:24:00

- »2022 Base, AM
- »2022 Base, PM
- »2028 Do Minimum, AM
- »2028 Do Minimum, PM
- »2028 With Development, AM
- »2028 With Development, PM

Summary of junction performance

	AM			PM		
	Queue (PCU)	Delay (s)	RFC	Queue (PCU)	Delay (s)	RFC
2022 Base						
1 - Barnsley Road	0.3	3.66	0.25	0.6	6.04	0.26
2 - Dudley Drive	0.3	4.86	0.20	0.8	7.19	0.34
3 - A635 (W)	2.8	8.05	0.73	2.9	10.00	0.62
4 - Unnamed Access Road	0.1	51.24	0.05	0.0	19.52	0.05
5 - A635 (E)	1.9	8.70	0.62	4.9	19.14	0.74
2028 Do Minimum						
1 - Barnsley Road	0.6	4.40	0.37	0.9	7.61	0.33
2 - Dudley Drive	0.5	5.46	0.28	1.0	8.42	0.39
3 - A635 (W)	4.1	10.80	0.80	5.6	15.93	0.75
4 - Unnamed Access Road	0.2	74.07	0.08	0.1	32.50	0.06
5 - A635 (E)	2.5	10.61	0.68	8.5	31.71	0.85
2028 With Development						
1 - Barnsley Road	0.7	4.80	0.40	0.6	4.64	0.35
2 - Dudley Drive	0.6	6.10	0.34	0.7	6.21	0.42
3 - A635 (W)	5.2	13.16	0.84	6.0	15.27	0.86
4 - Unnamed Access Road	0.2	92.01	0.09	0.2	89.07	0.09
5 - A635 (E)	3.6	13.62	0.76	9.2	31.76	0.92

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	Hollygrove Roundabout
Location	
Site number	
Date	15/11/2023
Version	
Status	Existing
Identifier	
Client	Equites Newlands (Goldthorpe) Ltd
Jobnumber	3465
Enumerator	Fore Consulting Limited
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	PCU	PCU	perTimeSegment	s	-Min	perMin

Analysis Options

Calculate Queue Percentiles	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
		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 period length (min)	Time segment length (min)
D1	2022 Base	AM	DIRECT	07:00	08:30	90	15
D2	2022 Base	PM	DIRECT	16:00	17:30	90	15
D3	2028 Do Minimum	AM	DIRECT	07:00	08:30	90	15
D4	2028 Do Minimum	PM	DIRECT	16:00	17:30	90	15
D5	2028 With Development	AM	DIRECT	07:00	08:30	90	15
D6	2028 With Development	PM	DIRECT	16:00	17:30	90	15

Analysis Set Details

ID	Network flow scaling factor (%)
A1	100.000

2022 Base, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	Hollygrove Roundabout	Standard Roundabout		1, 2, 3, 4, 5	7.39	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	7.39	A

Arms

Arms

Arm	Name	Description	No give-way line
1	Barnsley Road		
2	Dudley Drive		
3	A635 (W)		
4	Unnamed Access Road		
5	A635 (E)		

Roundabout Geometry

Arm	V - Approach road half-width (m)	E - Entry width (m)	I' - Effective flare length (m)	R - Entry radius (m)	D - Inscribed circle diameter (m)	PHI - Conflict (entry) angle (deg)	Entry only	Exit only
1 - Barnsley Road	5.13	7.29	3.6	33.8	81.8	29.2		
2 - Dudley Drive	3.57	6.81	12.9	29.1	79.6	26.4		
3 - A635 (W)	4.21	7.79	9.2	44.0	95.7	32.2		
4 - Unnamed Access Road	2.09	4.05	0.6	5.3	61.0	45.6		
5 - A635 (E)	4.08	5.26	3.8	39.3	78.3	21.4		

Slope / Intercept / Capacity

Roundabout Slope and Intercept used in model

Arm	Final slope	Final intercept (PCU/TS)
1 - Barnsley Road	0.491	454.720
2 - Dudley Drive	0.475	417.705
3 - A635 (W)	0.469	448.126
4 - Unnamed Access Road	0.307	139.480
5 - A635 (E)	0.458	372.945

The slope and intercept shown above include any corrections and adjustments.

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)
D1	2022 Base	AM	DIRECT	07:00	08:30	90	15

Vehicle mix varies over time	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Scaling Factor (%)
1 - Barnsley Road		✓	100.000
2 - Dudley Drive		✓	100.000
3 - A635 (W)		✓	100.000
4 - Unnamed Access Road		✓	100.000
5 - A635 (E)		✓	100.000

Origin-Destination Data

Demand (PCU/TS)

		To					
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)	
07:00 - 07:15	From						
		1 - Barnsley Road	0.00	0.00	67.00	0.00	2.00
		2 - Dudley Drive	0.00	0.00	36.00	0.00	27.00
		3 - A635 (W)	33.00	15.00	0.00	0.00	222.00
		4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	1.00	19.00	119.00	0.00	0.00	

Demand (PCU/TS)

		To					
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)	
07:15 - 07:30	From						
		1 - Barnsley Road	0.00	3.00	82.00	0.00	1.00
		2 - Dudley Drive	0.00	0.00	31.00	0.00	5.00
		3 - A635 (W)	50.00	23.00	0.00	0.00	243.00
		4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	1.00	21.00	148.00	1.00	0.00	

Demand (PCU/TS)

		To					
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)	
07:30 - 07:45	From						
		1 - Barnsley Road	0.00	1.00	82.00	0.00	4.00
		2 - Dudley Drive	1.00	0.00	30.00	1.00	9.00
		3 - A635 (W)	49.00	36.00	0.00	0.00	209.00
		4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	1.00	5.00	165.00	1.00	0.00	

Demand (PCU/TS)

		To					
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)	
07:45 - 08:00	From						
		1 - Barnsley Road	0.00	0.00	77.00	0.00	4.00
		2 - Dudley Drive	0.00	0.00	37.00	0.00	9.00
		3 - A635 (W)	65.00	48.00	0.00	0.00	209.00
		4 - Unnamed Access Road	0.00	0.00	0.00	0.00	2.00
	5 - A635 (E)	2.00	24.00	158.00	0.00	0.00	

Demand (PCU/TS)

 08:00 -
08:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	0.00	80.00	0.00	11.00
	2 - Dudley Drive	3.00	0.00	37.00	0.00	21.00
	3 - A635 (W)	64.00	36.00	0.00	0.00	192.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	0.00	11.00	149.00	0.00	0.00

Demand (PCU/TS)

 08:15 -
08:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	5.00	61.00	0.00	4.00
	2 - Dudley Drive	1.00	0.00	35.00	0.00	17.00
	3 - A635 (W)	62.00	35.00	0.00	0.00	152.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	4.00	23.00	175.00	0.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

 07:00 -
07:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	10	0	0
	2 - Dudley Drive	0	0	12	0	67
	3 - A635 (W)	6	7	0	0	8
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	0	64	20	0	0

Heavy Vehicle Percentages

 07:15 -
07:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	50	1	0	0
	2 - Dudley Drive	0	0	7	0	25
	3 - A635 (W)	16	0	0	0	8
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	0	54	14	0	0

Heavy Vehicle Percentages

 07:30 -
07:45

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	3	0	67
	2 - Dudley Drive	0	0	15	0	60
	3 - A635 (W)	6	3	0	0	10
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	0	67	16	0	0

Heavy Vehicle Percentages

 07:45 -
08:00

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	5	0	33
	2 - Dudley Drive	0	0	6	0	80
	3 - A635 (W)	5	7	0	0	10
	4 - Unnamed Access Road	0	0	0	0	100
	5 - A635 (E)	0	38	18	0	0

Heavy Vehicle Percentages

 08:00 -
08:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	1	0	0
	2 - Dudley Drive	0	0	12	0	100
	3 - A635 (W)	10	6	0	0	16
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	0	43	20	0	0

Heavy Vehicle Percentages

 08:15 -
08:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	7	0	0
	2 - Dudley Drive	0	0	13	0	42
	3 - A635 (W)	7	9	0	0	10
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	0	62	20	0	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
1 - Barnsley Road	0.25	3.66	0.3	A
2 - Dudley Drive	0.20	4.86	0.3	A
3 - A635 (W)	0.73	8.05	2.8	A
4 - Unnamed Access Road	0.05	51.24	0.1	F
5 - A635 (E)	0.62	8.70	1.9	A

Main Results for each time segment

07:00 - 07:15

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	69.00	152.10	380.08	0.182	68.76	0.2	3.171	A
2 - Dudley Drive	63.00	187.07	328.81	0.192	62.69	0.3	4.406	A
3 - A635 (W)	270.00	28.86	434.60	0.621	268.26	1.7	5.768	A
4 - Unnamed Access Road	0.00	297.12	48.35	0.000	0.00	0.0	0.000	A
5 - A635 (E)	139.00	47.69	351.12	0.396	138.19	0.8	5.237	A

07:15 - 07:30

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	86.00	192.54	360.24	0.239	85.92	0.3	3.352	A
2 - Dudley Drive	36.00	231.60	307.65	0.117	36.16	0.1	3.623	A
3 - A635 (W)	316.00	7.11	444.79	0.710	315.14	2.6	7.485	A
4 - Unnamed Access Road	0.00	321.26	40.95	0.000	0.00	0.0	0.000	A
5 - A635 (E)	171.00	72.71	339.67	0.503	170.63	1.2	6.246	A

07:30 - 07:45

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	87.00	206.87	353.21	0.246	86.98	0.3	3.541	A
2 - Dudley Drive	41.00	251.81	298.05	0.138	40.95	0.2	4.255	A
3 - A635 (W)	294.00	15.96	440.65	0.667	294.38	2.2	6.689	A
4 - Unnamed Access Road	0.00	308.34	44.92	0.000	0.00	0.0	0.000	A
5 - A635 (E)	172.00	85.95	333.61	0.516	171.95	1.2	6.500	A

07:45 - 08:00

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	81.00	229.51	342.09	0.237	81.01	0.3	3.656	A
2 - Dudley Drive	46.00	238.84	304.21	0.151	45.99	0.2	4.018	A
3 - A635 (W)	322.00	13.02	442.02	0.728	321.39	2.8	8.049	A
4 - Unnamed Access Road	2.00	334.40	36.92	0.054	1.89	0.1	51.241	F
5 - A635 (E)	184.00	112.65	321.39	0.573	183.65	1.6	7.825	A

08:00 - 08:15

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	91.00	196.50	358.29	0.254	90.99	0.3	3.397	A
2 - Dudley Drive	61.00	240.24	303.55	0.201	60.88	0.3	4.856	A
3 - A635 (W)	292.00	34.89	431.77	0.676	292.41	2.4	7.345	A
4 - Unnamed Access Road	0.00	327.29	39.10	0.000	0.11	0.0	0.000	A
5 - A635 (E)	160.00	103.15	325.74	0.491	160.39	1.2	6.620	A

08:15 - 08:30

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	70.00	232.39	340.68	0.205	70.07	0.3	3.526	A
2 - Dudley Drive	53.00	239.52	303.89	0.174	53.07	0.3	4.331	A
3 - A635 (W)	249.00	22.07	437.78	0.569	249.96	1.5	5.255	A
4 - Unnamed Access Road	0.00	272.03	56.05	0.000	0.00	0.0	0.000	A
5 - A635 (E)	202.00	98.27	327.97	0.616	201.26	1.9	8.696	A

2022 Base, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	Hollygrove Roundabout	Standard Roundabout		1, 2, 3, 4, 5	12.36	B

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	12.36	B

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)
D2	2022 Base	PM	DIRECT	16:00	17:30	90	15

Vehicle mix varies over time	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Scaling Factor (%)
1 - Barnsley Road		✓	100.000
2 - Dudley Drive		✓	100.000
3 - A635 (W)		✓	100.000
4 - Unnamed Access Road		✓	100.000
5 - A635 (E)		✓	100.000

Origin-Destination Data

Demand (PCU/TS)

16:00 -
16:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	4.00	75.00	0.00	4.00
	2 - Dudley Drive	3.00	0.00	49.00	0.00	17.00
	3 - A635 (W)	81.00	24.00	0.00	0.00	120.00
	4 - Unnamed Access Road	0.00	0.00	2.00	0.00	1.00
	5 - A635 (E)	4.00	23.00	176.00	0.00	0.00

Demand (PCU/TS)

16:15 -
16:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	3.00	80.00	0.00	6.00
	2 - Dudley Drive	2.00	0.00	44.00	0.00	20.00
	3 - A635 (W)	93.00	29.00	0.00	3.00	140.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	4.00	17.00	176.00	0.00	0.00

Demand (PCU/TS)

 16:30 -
16:45

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	4.00	63.00	0.00	6.00
	2 - Dudley Drive	4.00	0.00	44.00	0.00	22.00
	3 - A635 (W)	85.00	26.00	0.00	0.00	157.00
	4 - Unnamed Access Road	0.00	0.00	1.00	0.00	0.00
	5 - A635 (E)	10.00	19.00	183.00	0.00	0.00

Demand (PCU/TS)

 16:45 -
17:00

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	2.00	74.00	0.00	6.00
	2 - Dudley Drive	1.00	0.00	29.00	0.00	15.00
	3 - A635 (W)	76.00	37.00	0.00	0.00	143.00
	4 - Unnamed Access Road	0.00	0.00	2.00	0.00	0.00
	5 - A635 (E)	7.00	16.00	213.00	0.00	0.00

Demand (PCU/TS)

 17:00 -
17:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	2.00	79.00	0.00	8.00
	2 - Dudley Drive	2.00	0.00	69.00	0.00	25.00
	3 - A635 (W)	66.00	26.00	0.00	2.00	142.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	14.00	15.00	196.00	0.00	0.00

Demand (PCU/TS)

 17:15 -
17:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	2.00	62.00	0.00	9.00
	2 - Dudley Drive	2.00	0.00	39.00	0.00	13.00
	3 - A635 (W)	73.00	32.00	0.00	0.00	124.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	12.00	5.00	180.00	0.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

 16:00 -
16:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	4	73	0	3
	2 - Dudley Drive	2	0	48	0	14
	3 - A635 (W)	76	23	0	0	100
	4 - Unnamed Access Road	0	0	1	0	1
	5 - A635 (E)	4	13	100	0	0

Heavy Vehicle Percentages

 16:15 -
16:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	3	79	0	6
	2 - Dudley Drive	2	0	41	0	14
	3 - A635 (W)	91	28	0	2	100
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	4	9	100	0	0

Heavy Vehicle Percentages

 16:30 -
16:45

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	3	60	0	4
	2 - Dudley Drive	4	0	43	0	18
	3 - A635 (W)	83	25	0	0	100
	4 - Unnamed Access Road	0	0	1	0	0
	5 - A635 (E)	9	13	100	0	0

Heavy Vehicle Percentages

 16:45 -
17:00

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	2	73	0	6
	2 - Dudley Drive	1	0	30	0	11
	3 - A635 (W)	75	37	0	0	100
	4 - Unnamed Access Road	0	0	1	0	0
	5 - A635 (E)	7	9	100	0	0

Heavy Vehicle Percentages

 17:00 -
17:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	3	77	0	8
	2 - Dudley Drive	2	0	69	0	18
	3 - A635 (W)	67	23	0	1	100
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	15	8	100	0	0

Heavy Vehicle Percentages

 17:15 -
17:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	2	62	0	9
	2 - Dudley Drive	2	0	37	0	10
	3 - A635 (W)	70	30	0	0	100
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	11	4	100	0	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
1 - Barnsley Road	0.26	6.04	0.6	A
2 - Dudley Drive	0.34	7.19	0.8	A
3 - A635 (W)	0.62	10.00	2.9	A
4 - Unnamed Access Road	0.05	19.52	0.0	C
5 - A635 (E)	0.74	19.14	4.9	C

Main Results for each time segment

16:00 - 16:15

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	83.00	221.88	345.84	0.240	82.49	0.5	5.543	A
2 - Dudley Drive	69.00	253.93	297.04	0.232	68.59	0.4	5.324	A
3 - A635 (W)	225.00	23.86	436.94	0.515	223.13	1.9	7.482	A
4 - Unnamed Access Road	3.00	246.99	63.73	0.047	2.95	0.0	14.943	B
5 - A635 (E)	203.00	109.08	323.02	0.628	200.06	2.9	12.953	B

16:15 - 16:30

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	89.00	221.88	345.84	0.257	88.93	0.6	5.850	A
2 - Dudley Drive	66.00	261.84	293.28	0.225	66.03	0.4	5.157	A
3 - A635 (W)	265.00	27.98	435.01	0.609	264.08	2.8	9.617	A
4 - Unnamed Access Road	0.00	289.09	50.82	0.000	0.05	0.0	0.000	A
5 - A635 (E)	197.00	123.63	316.36	0.623	196.95	3.0	13.807	B

16:30 - 16:45

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	73.00	228.68	342.50	0.213	73.17	0.4	4.983	A
2 - Dudley Drive	70.00	252.88	297.54	0.235	69.98	0.4	5.197	A
3 - A635 (W)	268.00	31.98	433.13	0.619	267.86	2.9	9.998	A
4 - Unnamed Access Road	1.00	299.82	47.53	0.021	0.98	0.0	19.518	C
5 - A635 (E)	212.00	116.04	319.84	0.663	211.58	3.4	14.917	B

16:45 - 17:00

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	82.00	266.44	323.97	0.253	81.86	0.5	6.042	A
2 - Dudley Drive	45.00	293.40	278.29	0.162	45.16	0.2	4.726	A
3 - A635 (W)	256.00	22.06	437.79	0.585	256.33	2.6	8.965	A
4 - Unnamed Access Road	2.00	278.39	54.10	0.037	1.98	0.0	17.436	C
5 - A635 (E)	236.00	116.07	319.82	0.738	234.56	4.9	19.145	C

17:00 - 17:15

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	89.00	238.07	337.89	0.263	88.96	0.6	5.960	A
2 - Dudley Drive	96.00	283.83	282.83	0.339	95.48	0.8	7.188	A
3 - A635 (W)	236.00	34.86	431.79	0.547	236.42	2.2	8.153	A
4 - Unnamed Access Road	0.00	269.30	56.89	0.000	0.04	0.0	0.000	A
5 - A635 (E)	225.00	94.33	329.77	0.682	225.78	4.1	15.829	C

17:15 - 17:30

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	73.00	217.97	347.75	0.210	73.18	0.4	4.940	A
2 - Dudley Drive	54.00	251.99	297.96	0.181	54.48	0.3	4.745	A
3 - A635 (W)	229.00	24.14	436.81	0.524	229.19	2.0	7.669	A
4 - Unnamed Access Road	0.00	253.31	61.79	0.000	0.00	0.0	0.000	A
5 - A635 (E)	197.00	106.94	324.00	0.608	198.08	3.0	13.453	B

2028 Do Minimum, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	Hollygrove Roundabout	Standard Roundabout		1, 2, 3, 4, 5	9.17	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	9.17	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)
D3	2028 Do Minimum	AM	DIRECT	07:00	08:30	90	15

Vehicle mix varies over time	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Scaling Factor (%)
1 - Barnsley Road		✓	100.000
2 - Dudley Drive		✓	100.000
3 - A635 (W)		✓	100.000
4 - Unnamed Access Road		✓	100.000
5 - A635 (E)		✓	100.000

Origin-Destination Data

Demand (PCU/TS)

07:00 - 07:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	1.00	102.00	0.00	2.00
	2 - Dudley Drive	1.00	0.00	47.00	0.00	33.00
	3 - A635 (W)	46.00	19.00	0.00	0.00	233.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	1.00	22.00	131.00	0.00	0.00

Demand (PCU/TS)

07:15 - 07:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	4.00	118.00	0.00	1.00
	2 - Dudley Drive	1.00	0.00	42.00	0.00	10.00
	3 - A635 (W)	63.00	27.00	0.00	0.00	254.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	1.00	23.00	161.00	1.00	0.00

Demand (PCU/TS)

 07:30 -
07:45

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	2.00	118.00	0.00	4.00
	2 - Dudley Drive	2.00	0.00	41.00	1.00	14.00
	3 - A635 (W)	62.00	40.00	0.00	0.00	219.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	1.00	7.00	178.00	1.00	0.00

Demand (PCU/TS)

 07:45 -
08:00

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	1.00	113.00	0.00	4.00
	2 - Dudley Drive	1.00	0.00	48.00	0.00	14.00
	3 - A635 (W)	79.00	53.00	0.00	0.00	220.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	2.00
	5 - A635 (E)	2.00	26.00	171.00	0.00	0.00

Demand (PCU/TS)

 08:00 -
08:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	1.00	116.00	0.00	11.00
	2 - Dudley Drive	4.00	0.00	48.00	0.00	26.00
	3 - A635 (W)	77.00	41.00	0.00	0.00	202.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	0.00	13.00	162.00	0.00	0.00

Demand (PCU/TS)

 08:15 -
08:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	6.00	97.00	0.00	4.00
	2 - Dudley Drive	2.00	0.00	46.00	0.00	22.00
	3 - A635 (W)	76.00	39.00	0.00	0.00	161.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	4.00	25.00	189.00	0.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

 07:00 -
07:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	6	0	0
	2 - Dudley Drive	0	0	9	0	51
	3 - A635 (W)	5	6	0	0	8
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	0	55	18	0	0

Heavy Vehicle Percentages

 07:15 -
07:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	40	1	0	0
	2 - Dudley Drive	0	0	5	0	11
	3 - A635 (W)	13	0	0	0	8
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	0	47	13	0	0

Heavy Vehicle Percentages

 07:30 -
07:45

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	2	0	67
	2 - Dudley Drive	0	0	11	0	31
	3 - A635 (W)	5	3	0	0	10
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	0	42	15	0	0

Heavy Vehicle Percentages

 07:45 -
08:00

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	4	0	33
	2 - Dudley Drive	0	0	4	0	41
	3 - A635 (W)	4	6	0	0	9
	4 - Unnamed Access Road	0	0	0	0	100
	5 - A635 (E)	0	34	17	0	0

Heavy Vehicle Percentages

 08:00 -
08:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	1	0	0
	2 - Dudley Drive	0	0	9	0	68
	3 - A635 (W)	8	5	0	0	15
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	0	34	18	0	0

Heavy Vehicle Percentages

 08:15 -
08:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	4	0	0
	2 - Dudley Drive	0	0	10	0	30
	3 - A635 (W)	6	8	0	0	10
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	0	54	19	0	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
1 - Barnsley Road	0.37	4.40	0.6	A
2 - Dudley Drive	0.28	5.46	0.5	A
3 - A635 (W)	0.80	10.80	4.1	B
4 - Unnamed Access Road	0.08	74.07	0.2	F
5 - A635 (E)	0.68	10.61	2.5	B

Main Results for each time segment

07:00 - 07:15

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	105.00	170.87	370.87	0.283	104.58	0.4	3.572	A
2 - Dudley Drive	81.00	233.75	306.63	0.264	80.56	0.4	4.879	A
3 - A635 (W)	298.00	35.81	431.34	0.691	295.66	2.3	7.010	A
4 - Unnamed Access Road	0.00	331.47	37.82	0.000	0.00	0.0	0.000	A
5 - A635 (E)	154.00	65.48	342.97	0.449	153.02	1.0	5.751	A

07:15 - 07:30

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	123.00	211.39	350.99	0.350	122.87	0.5	4.018	A
2 - Dudley Drive	53.00	280.45	284.44	0.186	53.19	0.2	4.130	A
3 - A635 (W)	344.00	13.13	441.97	0.778	342.71	3.6	9.678	A
4 - Unnamed Access Road	0.00	354.84	30.65	0.000	0.00	0.0	0.000	A
5 - A635 (E)	186.00	90.56	331.50	0.561	185.52	1.5	7.138	A

07:30 - 07:45

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	124.00	225.83	343.90	0.361	123.97	0.6	4.225	A
2 - Dudley Drive	58.00	300.76	274.79	0.211	57.94	0.3	4.753	A
3 - A635 (W)	321.00	21.95	437.84	0.733	321.57	3.1	8.417	A
4 - Unnamed Access Road	0.00	341.53	34.74	0.000	0.00	0.0	0.000	A
5 - A635 (E)	187.00	103.97	325.36	0.575	186.92	1.5	7.512	A

07:45 - 08:00

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	118.00	249.28	332.39	0.355	118.00	0.6	4.396	A
2 - Dudley Drive	63.00	287.72	280.99	0.224	62.99	0.3	4.557	A
3 - A635 (W)	352.00	19.02	439.21	0.801	350.94	4.1	10.798	B
4 - Unnamed Access Road	2.00	369.95	26.02	0.077	1.85	0.2	74.065	F
5 - A635 (E)	199.00	132.43	312.33	0.637	198.51	2.0	9.349	A

08:00 - 08:15

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	128.00	216.70	348.38	0.367	128.00	0.6	4.122	A
2 - Dudley Drive	78.00	289.36	280.21	0.278	77.85	0.5	5.457	A
3 - A635 (W)	320.00	40.86	428.97	0.746	320.72	3.4	9.383	A
4 - Unnamed Access Road	0.00	361.58	28.59	0.000	0.15	0.0	0.000	A
5 - A635 (E)	175.00	122.27	316.98	0.552	175.54	1.5	7.606	A

08:15 - 08:30

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	107.00	252.17	330.97	0.323	107.08	0.5	4.167	A
2 - Dudley Drive	70.00	289.30	280.24	0.250	70.08	0.4	4.938	A
3 - A635 (W)	276.00	28.08	434.96	0.635	277.47	1.9	6.262	A
4 - Unnamed Access Road	0.00	305.55	45.77	0.000	0.00	0.0	0.000	A
5 - A635 (E)	218.00	117.46	319.18	0.683	216.96	2.5	10.609	B

2028 Do Minimum, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	Hollygrove Roundabout	Standard Roundabout		1, 2, 3, 4, 5	19.06	C

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	19.06	C

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)
D4	2028 Do Minimum	PM	DIRECT	16:00	17:30	90	15

Vehicle mix varies over time	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Scaling Factor (%)
1 - Barnsley Road		✓	100.000
2 - Dudley Drive		✓	100.000
3 - A635 (W)		✓	100.000
4 - Unnamed Access Road		✓	100.000
5 - A635 (E)		✓	100.000

Origin-Destination Data

Demand (PCU/TS)

16:00 - 16:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	5.00	93.00	0.00	4.00
	2 - Dudley Drive	4.00	0.00	54.00	0.00	19.00
	3 - A635 (W)	114.00	34.00	0.00	0.00	132.00
	4 - Unnamed Access Road	0.00	0.00	2.00	0.00	1.00
	5 - A635 (E)	4.00	28.00	187.00	0.00	0.00

Demand (PCU/TS)

16:15 - 16:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	4.00	98.00	0.00	6.00
	2 - Dudley Drive	3.00	0.00	49.00	0.00	23.00
	3 - A635 (W)	127.00	40.00	0.00	3.00	153.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	4.00	22.00	187.00	0.00	0.00

Demand (PCU/TS)

 16:30 -
16:45

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	5.00	80.00	0.00	6.00
	2 - Dudley Drive	5.00	0.00	50.00	0.00	25.00
	3 - A635 (W)	118.00	36.00	0.00	0.00	171.00
	4 - Unnamed Access Road	0.00	0.00	1.00	0.00	0.00
	5 - A635 (E)	10.00	24.00	195.00	0.00	0.00

Demand (PCU/TS)

 16:45 -
17:00

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	3.00	92.00	0.00	6.00
	2 - Dudley Drive	2.00	0.00	35.00	0.00	18.00
	3 - A635 (W)	110.00	48.00	0.00	0.00	156.00
	4 - Unnamed Access Road	0.00	0.00	2.00	0.00	0.00
	5 - A635 (E)	7.00	21.00	225.00	0.00	0.00

Demand (PCU/TS)

 17:00 -
17:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	4.00	96.00	0.00	8.00
	2 - Dudley Drive	3.00	0.00	75.00	0.00	27.00
	3 - A635 (W)	100.00	36.00	0.00	2.00	155.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	15.00	20.00	207.00	0.00	0.00

Demand (PCU/TS)

 17:15 -
17:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	3.00	79.00	0.00	9.00
	2 - Dudley Drive	3.00	0.00	44.00	0.00	15.00
	3 - A635 (W)	106.00	42.00	0.00	0.00	137.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	12.00	10.00	192.00	0.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

 16:00 -
16:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	5	91	0	3
	2 - Dudley Drive	3	0	54	0	17
	3 - A635 (W)	100	33	0	0	100
	4 - Unnamed Access Road	0	0	1	0	1
	5 - A635 (E)	4	18	100	0	0

Heavy Vehicle Percentages

 16:15 -
16:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	4	97	0	6
	2 - Dudley Drive	3	0	47	0	17
	3 - A635 (W)	100	38	0	2	100
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	4	14	100	0	0

Heavy Vehicle Percentages

 16:30 -
16:45

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	4	77	0	4
	2 - Dudley Drive	5	0	49	0	21
	3 - A635 (W)	100	35	0	0	100
	4 - Unnamed Access Road	0	0	1	0	0
	5 - A635 (E)	9	18	100	0	0

Heavy Vehicle Percentages

 16:45 -
17:00

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	3	91	0	6
	2 - Dudley Drive	2	0	35	0	14
	3 - A635 (W)	100	48	0	0	100
	4 - Unnamed Access Road	0	0	1	0	0
	5 - A635 (E)	7	14	100	0	0

Heavy Vehicle Percentages

 17:00 -
17:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	4	95	0	8
	2 - Dudley Drive	3	0	76	0	21
	3 - A635 (W)	100	33	0	1	100
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	15	13	100	0	0

Heavy Vehicle Percentages

 17:15 -
17:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	3	79	0	9
	2 - Dudley Drive	3	0	43	0	12
	3 - A635 (W)	100	40	0	0	100
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	11	9	100	0	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
1 - Barnsley Road	0.33	7.61	0.9	A
2 - Dudley Drive	0.39	8.42	1.0	A
3 - A635 (W)	0.75	15.93	5.6	C
4 - Unnamed Access Road	0.06	32.50	0.1	D
5 - A635 (E)	0.85	31.71	8.5	D

Main Results for each time segment

16:00 - 16:15

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	102.00	246.26	333.87	0.306	101.23	0.8	6.860	A
2 - Dudley Drive	77.00	281.48	283.95	0.271	76.49	0.5	6.038	A
3 - A635 (W)	280.00	26.82	435.56	0.643	276.72	3.3	10.475	B
4 - Unnamed Access Road	3.00	303.53	46.39	0.065	2.93	0.1	20.885	C
5 - A635 (E)	219.00	152.19	303.29	0.722	214.62	4.4	17.594	C

16:15 - 16:30

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	108.00	248.64	332.71	0.325	107.91	0.9	7.294	A
2 - Dudley Drive	75.00	290.69	279.57	0.268	75.02	0.5	5.906	A
3 - A635 (W)	323.00	31.96	433.14	0.746	321.09	5.2	14.821	B
4 - Unnamed Access Road	0.00	350.10	32.11	0.000	0.07	0.0	0.000	A
5 - A635 (E)	213.00	169.10	295.55	0.721	212.83	4.5	19.773	C

16:30 - 16:45

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	91.00	255.27	329.45	0.276	91.24	0.6	6.174	A
2 - Dudley Drive	80.00	281.58	283.90	0.282	79.97	0.5	5.985	A
3 - A635 (W)	325.00	35.98	431.26	0.754	324.63	5.6	15.926	C
4 - Unnamed Access Road	1.00	360.56	28.90	0.035	0.97	0.0	32.504	D
5 - A635 (E)	229.00	160.00	299.72	0.764	228.13	5.4	22.262	C

16:45 - 17:00

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	101.00	292.70	311.08	0.325	100.78	0.8	7.614	A
2 - Dudley Drive	55.00	321.78	264.80	0.208	55.19	0.3	5.416	A
3 - A635 (W)	314.00	26.07	435.91	0.720	314.48	5.1	14.152	B
4 - Unnamed Access Road	2.00	340.55	35.04	0.057	1.98	0.1	27.474	D
5 - A635 (E)	253.00	162.08	298.77	0.847	249.89	8.5	31.712	D

17:00 - 17:15

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	108.00	264.97	324.69	0.333	107.96	0.9	7.415	A
2 - Dudley Drive	105.00	312.56	269.19	0.390	104.36	1.0	8.418	A
3 - A635 (W)	293.00	37.83	430.39	0.681	293.94	4.1	12.436	B
4 - Unnamed Access Road	0.00	329.80	38.33	0.000	0.06	0.0	0.000	A
5 - A635 (E)	242.00	139.68	309.02	0.783	243.44	7.1	25.377	D

17:15 - 17:30

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	91.00	246.22	333.89	0.273	91.26	0.6	6.115	A
2 - Dudley Drive	62.00	282.13	283.64	0.219	62.60	0.4	5.390	A
3 - A635 (W)	285.00	27.17	435.39	0.655	285.47	3.7	11.338	B
4 - Unnamed Access Road	0.00	312.61	43.60	0.000	0.00	0.0	0.000	A
5 - A635 (E)	214.00	151.03	303.82	0.704	216.43	4.7	19.517	C

2028 With Development, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	Hollygrove Roundabout	Standard Roundabout		1, 2, 3, 4, 5	11.18	B

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	11.18	B

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)
D5	2028 With Development	AM	DIRECT	07:00	08:30	90	15

Vehicle mix varies over time	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Scaling Factor (%)
1 - Barnsley Road		✓	100.000
2 - Dudley Drive		✓	100.000
3 - A635 (W)		✓	100.000
4 - Unnamed Access Road		✓	100.000
5 - A635 (E)		✓	100.000

Origin-Destination Data

Demand (PCU/TS)

07:00 -
07:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	1.00	107.00	0.00	2.00
	2 - Dudley Drive	1.00	0.00	62.00	0.00	33.00
	3 - A635 (W)	47.00	22.00	0.00	0.00	244.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	1.00	22.00	154.00	0.00	0.00

Demand (PCU/TS)

 07:15 -
07:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	4.00	123.00	0.00	1.00
	2 - Dudley Drive	1.00	0.00	57.00	0.00	10.00
	3 - A635 (W)	64.00	30.00	0.00	0.00	266.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	1.00	23.00	184.00	1.00	0.00

Demand (PCU/TS)

 07:30 -
07:45

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	2.00	124.00	0.00	4.00
	2 - Dudley Drive	2.00	0.00	56.00	1.00	14.00
	3 - A635 (W)	63.00	43.00	0.00	0.00	231.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	1.00	7.00	201.00	1.00	0.00

Demand (PCU/TS)

 07:45 -
08:00

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	1.00	119.00	0.00	4.00
	2 - Dudley Drive	1.00	0.00	63.00	0.00	14.00
	3 - A635 (W)	80.00	56.00	0.00	0.00	232.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	2.00
	5 - A635 (E)	2.00	26.00	193.00	0.00	0.00

Demand (PCU/TS)

 08:00 -
08:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	1.00	121.00	0.00	11.00
	2 - Dudley Drive	4.00	0.00	62.00	0.00	26.00
	3 - A635 (W)	78.00	43.00	0.00	0.00	214.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	0.00	13.00	185.00	0.00	0.00

Demand (PCU/TS)

 08:15 -
08:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	6.00	102.00	0.00	4.00
	2 - Dudley Drive	2.00	0.00	61.00	0.00	22.00
	3 - A635 (W)	77.00	42.00	0.00	0.00	173.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	4.00	25.00	211.00	0.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

 07:00 -
07:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	6	0	0
	2 - Dudley Drive	0	0	7	0	51
	3 - A635 (W)	4	5	0	0	9
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	0	55	19	0	0

Heavy Vehicle Percentages

 07:15 -
07:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	40	1	0	0
	2 - Dudley Drive	0	0	4	0	11
	3 - A635 (W)	12	0	0	0	9
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	0	47	14	0	0

Heavy Vehicle Percentages

 07:30 -
07:45

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	2	0	67
	2 - Dudley Drive	0	0	8	0	31
	3 - A635 (W)	5	2	0	0	12
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	0	42	16	0	0

Heavy Vehicle Percentages

 07:45 -
08:00

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	4	0	33
	2 - Dudley Drive	0	0	3	0	41
	3 - A635 (W)	4	6	0	0	11
	4 - Unnamed Access Road	0	0	0	0	100
	5 - A635 (E)	0	34	18	0	0

Heavy Vehicle Percentages

 08:00 -
08:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	1	0	0
	2 - Dudley Drive	0	0	7	0	68
	3 - A635 (W)	8	5	0	0	18
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	0	34	19	0	0

Heavy Vehicle Percentages

 08:15 -
08:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	4	0	0
	2 - Dudley Drive	0	0	7	0	30
	3 - A635 (W)	5	8	0	0	12
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	0	54	19	0	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
1 - Barnsley Road	0.40	4.80	0.7	A
2 - Dudley Drive	0.34	6.10	0.6	A
3 - A635 (W)	0.84	13.16	5.2	B
4 - Unnamed Access Road	0.09	92.01	0.2	F
5 - A635 (E)	0.76	13.62	3.6	B

Main Results for each time segment

07:00 - 07:15

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	110.00	196.51	358.29	0.307	109.53	0.5	3.823	A
2 - Dudley Drive	96.00	261.41	293.49	0.327	95.43	0.6	5.384	A
3 - A635 (W)	313.00	35.79	431.35	0.726	310.24	2.8	7.851	A
4 - Unnamed Access Road	0.00	346.02	33.36	0.000	0.00	0.0	0.000	A
5 - A635 (E)	177.00	69.38	341.19	0.519	175.70	1.3	6.606	A

07:15 - 07:30

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	128.00	237.15	338.34	0.378	127.85	0.6	4.352	A
2 - Dudley Drive	68.00	308.25	271.23	0.251	68.22	0.4	4.658	A
3 - A635 (W)	360.00	13.14	441.97	0.815	358.28	4.5	11.444	B
4 - Unnamed Access Road	0.00	370.43	25.87	0.000	0.00	0.0	0.000	A
5 - A635 (E)	209.00	94.44	329.72	0.634	208.33	2.0	8.603	A

07:30 - 07:45

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	130.00	251.75	331.18	0.393	129.95	0.7	4.614	A
2 - Dudley Drive	73.00	329.66	261.06	0.280	72.92	0.4	5.325	A
3 - A635 (W)	337.00	21.94	437.84	0.770	337.69	3.8	9.906	A
4 - Unnamed Access Road	0.00	357.64	29.79	0.000	0.00	0.0	0.000	A
5 - A635 (E)	210.00	107.97	323.53	0.649	209.86	2.1	9.210	A

07:45 - 08:00

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	124.00	273.98	320.27	0.387	124.00	0.7	4.802	A
2 - Dudley Drive	78.00	315.55	267.76	0.291	77.99	0.4	5.132	A
3 - A635 (W)	368.00	19.02	439.21	0.838	366.58	5.2	13.156	B
4 - Unnamed Access Road	2.00	385.59	21.22	0.094	1.81	0.2	92.013	F
5 - A635 (E)	221.00	136.27	310.58	0.712	220.28	2.8	11.809	B

08:00 - 08:15

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	133.00	241.98	335.97	0.396	133.01	0.7	4.476	A
2 - Dudley Drive	92.00	317.55	266.81	0.345	91.82	0.6	6.099	A
3 - A635 (W)	335.00	40.85	428.98	0.781	335.98	4.2	11.157	B
4 - Unnamed Access Road	0.00	376.83	23.91	0.000	0.19	0.0	0.000	A
5 - A635 (E)	198.00	125.38	315.56	0.627	198.76	2.1	9.300	A

08:15 - 08:30

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	112.00	276.78	318.90	0.351	112.09	0.6	4.511	A
2 - Dudley Drive	85.00	315.92	267.59	0.318	85.09	0.5	5.527	A
3 - A635 (W)	292.00	28.09	434.96	0.671	293.94	2.3	7.079	A
4 - Unnamed Access Road	0.00	322.03	40.72	0.000	0.00	0.0	0.000	A
5 - A635 (E)	240.00	121.61	317.29	0.756	238.51	3.6	13.616	B

2028 With Development, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	Hollygrove Roundabout	Standard Roundabout		1, 2, 3, 4, 5	18.19	C

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	18.19	C

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)
D6	2028 With Development	PM	DIRECT	16:00	17:30	90	15

Vehicle mix varies over time	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Scaling Factor (%)
1 - Barnsley Road		✓	100.000
2 - Dudley Drive		✓	100.000
3 - A635 (W)		✓	100.000
4 - Unnamed Access Road		✓	100.000
5 - A635 (E)		✓	100.000

Origin-Destination Data

Demand (PCU/TS)

16:00 -
16:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	5.00	94.00	0.00	4.00
	2 - Dudley Drive	4.00	0.00	58.00	0.00	19.00
	3 - A635 (W)	120.00	49.00	0.00	0.00	155.00
	4 - Unnamed Access Road	0.00	0.00	2.00	0.00	1.00
	5 - A635 (E)	4.00	28.00	200.00	0.00	0.00

Demand (PCU/TS)

 16:15 -
16:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	4.00	99.00	0.00	6.00
	2 - Dudley Drive	3.00	0.00	53.00	0.00	23.00
	3 - A635 (W)	133.00	55.00	0.00	3.00	176.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	4.00	22.00	200.00	0.00	0.00

Demand (PCU/TS)

 16:30 -
16:45

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	5.00	82.00	0.00	6.00
	2 - Dudley Drive	5.00	0.00	53.00	0.00	25.00
	3 - A635 (W)	124.00	52.00	0.00	0.00	194.00
	4 - Unnamed Access Road	0.00	0.00	1.00	0.00	0.00
	5 - A635 (E)	10.00	24.00	208.00	0.00	0.00

Demand (PCU/TS)

 16:45 -
17:00

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	3.00	93.00	0.00	6.00
	2 - Dudley Drive	2.00	0.00	38.00	0.00	18.00
	3 - A635 (W)	115.00	63.00	0.00	0.00	179.00
	4 - Unnamed Access Road	0.00	0.00	2.00	0.00	0.00
	5 - A635 (E)	7.00	21.00	238.00	0.00	0.00

Demand (PCU/TS)

 17:00 -
17:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	4.00	98.00	0.00	8.00
	2 - Dudley Drive	3.00	0.00	79.00	0.00	27.00
	3 - A635 (W)	106.00	52.00	0.00	2.00	178.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	15.00	20.00	220.00	0.00	0.00

Demand (PCU/TS)

 17:15 -
17:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0.00	3.00	81.00	0.00	9.00
	2 - Dudley Drive	3.00	0.00	48.00	0.00	15.00
	3 - A635 (W)	112.00	58.00	0.00	0.00	159.00
	4 - Unnamed Access Road	0.00	0.00	0.00	0.00	0.00
	5 - A635 (E)	12.00	10.00	205.00	0.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

 16:00 -
16:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	4	0	33
	2 - Dudley Drive	38	0	2	0	12
	3 - A635 (W)	5	2	0	0	16
	4 - Unnamed Access Road	0	0	100	0	0
	5 - A635 (E)	0	46	11	0	0

Heavy Vehicle Percentages

 16:15 -
16:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	3	0	0
	2 - Dudley Drive	0	0	8	0	37
	3 - A635 (W)	2	2	0	50	9
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	0	44	11	0	0

Heavy Vehicle Percentages

 16:30 -
16:45

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	23	7	0	50
	2 - Dudley Drive	22	0	2	0	20
	3 - A635 (W)	2	4	0	0	11
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	11	29	9	0	0

Heavy Vehicle Percentages

 16:45 -
17:00

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	1	0	0
	2 - Dudley Drive	0	0	0	0	30
	3 - A635 (W)	1	2	0	0	11
	4 - Unnamed Access Road	0	0	100	0	0
	5 - A635 (E)	0	52	9	0	0

Heavy Vehicle Percentages

 17:00 -
17:15

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	3	0	0
	2 - Dudley Drive	0	0	1	0	25
	3 - A635 (W)	0	6	0	100	10
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	0	48	5	0	0

Heavy Vehicle Percentages

 17:15 -
17:30

		To				
		1 - Barnsley Road	2 - Dudley Drive	3 - A635 (W)	4 - Unnamed Access Road	5 - A635 (E)
From	1 - Barnsley Road	0	0	3	0	0
	2 - Dudley Drive	0	0	4	0	16
	3 - A635 (W)	3	4	0	0	6
	4 - Unnamed Access Road	0	0	0	0	0
	5 - A635 (E)	9	24	10	0	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
1 - Barnsley Road	0.35	4.64	0.6	A
2 - Dudley Drive	0.42	6.21	0.7	A
3 - A635 (W)	0.86	15.27	6.0	C
4 - Unnamed Access Road	0.09	89.07	0.2	F
5 - A635 (E)	0.92	31.76	9.2	D

Main Results for each time segment

16:00 - 16:15

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	103.00	274.54	319.99	0.322	102.51	0.5	4.322	A
2 - Dudley Drive	81.00	296.02	277.04	0.292	80.57	0.4	4.825	A
3 - A635 (W)	324.00	26.86	435.54	0.744	320.93	3.1	8.388	A
4 - Unnamed Access Road	3.00	347.79	32.82	0.091	2.86	0.1	44.869	E
5 - A635 (E)	232.00	173.28	293.64	0.790	228.03	4.0	14.868	B

16:15 - 16:30

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	109.00	276.63	318.97	0.342	108.96	0.5	4.401	A
2 - Dudley Drive	79.00	304.85	272.85	0.290	78.96	0.5	5.324	A
3 - A635 (W)	367.00	31.96	433.15	0.847	364.69	5.4	13.399	B
4 - Unnamed Access Road	0.00	393.69	18.74	0.000	0.14	0.0	0.000	A
5 - A635 (E)	226.00	189.95	286.01	0.790	225.87	4.1	16.845	C

16:30 - 16:45

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	93.00	284.02	315.34	0.295	93.07	0.5	4.446	A
2 - Dudley Drive	83.00	296.24	276.94	0.300	83.01	0.5	5.011	A
3 - A635 (W)	370.00	35.99	431.26	0.858	369.37	6.0	15.268	C
4 - Unnamed Access Road	1.00	405.31	15.17	0.066	0.93	0.1	62.976	F
5 - A635 (E)	242.00	181.82	289.73	0.835	240.99	5.1	19.866	C

16:45 - 17:00

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	102.00	319.79	297.79	0.343	101.94	0.5	4.637	A
2 - Dudley Drive	58.00	334.99	258.52	0.224	58.15	0.3	4.842	A
3 - A635 (W)	357.00	26.06	435.91	0.819	357.94	5.1	12.411	B
4 - Unnamed Access Road	2.00	383.99	21.71	0.092	1.88	0.2	89.068	F
5 - A635 (E)	266.00	182.23	289.54	0.919	261.93	9.2	31.762	D

17:00 - 17:15

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	110.00	294.79	310.06	0.355	109.96	0.6	4.617	A
2 - Dudley Drive	109.00	328.31	261.70	0.417	108.57	0.7	6.213	A
3 - A635 (W)	338.00	37.89	430.36	0.785	339.00	4.1	10.605	B
4 - Unnamed Access Road	0.00	374.92	24.50	0.000	0.18	0.0	0.000	A
5 - A635 (E)	255.00	161.80	298.89	0.853	257.17	7.0	24.243	C

17:15 - 17:30

Arm	Total Demand (PCU/TS)	Circulating flow (PCU/TS)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barnsley Road	93.00	275.86	319.35	0.291	93.14	0.4	4.085	A
2 - Dudley Drive	66.00	297.58	276.30	0.239	66.41	0.3	4.568	A
3 - A635 (W)	329.00	27.11	435.42	0.756	329.72	3.3	8.973	A
4 - Unnamed Access Road	0.00	356.81	30.05	0.000	0.00	0.0	0.000	A
5 - A635 (E)	227.00	173.18	293.69	0.773	230.02	4.0	16.309	C

Appendix L

Junctions10 Output - Highgate Lane / Commercial Road

Junctions 10
PICADY 10 - Priority Intersection Module
Version: 10.0.2.1574 © Copyright TRL Software Limited, 2021
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Filename: 2023-11-15_Highgate Lane_Commercial Road Junction.j10
Path: G:\Shared drives\Jobs3000\3465 Employment Site at Goldthorpe\Junction Models\Hgh Ln_Comcl Rd
Report generation date: 30/11/2023 15:27:47

- »Existing Layout - 2022 Base, AM
- »Existing Layout - 2022 Base, PM
- »Existing Layout - 2028 Do Minimum, AM
- »Existing Layout - 2028 Do Minimum, PM
- »Existing Layout - 2028 With Development, AM
- »Existing Layout - 2028 With Development, PM

Summary of junction performance

	AM			PM		
	Queue (PCU)	Delay (s)	RFC	Queue (PCU)	Delay (s)	RFC
Existing Layout - 2022 Base						
Stream B-AC	0.3	10.91	0.20	0.7	13.95	0.40
Stream C-AB	0.1	4.93	0.04	0.0	4.47	0.04
Existing Layout - 2028 Do Minimum						
Stream B-AC	0.4	12.87	0.27	0.9	17.32	0.48
Stream C-AB	0.1	4.81	0.05	0.1	4.37	0.04
Existing Layout - 2028 With Development						
Stream B-AC	0.5	13.81	0.31	1.9	27.22	0.66
Stream C-AB	0.1	4.86	0.05	0.1	4.38	0.04

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	Highgate Lane_Commercial Road
Location	
Site number	
Date	15/11/2023
Version	
Status	Existing
Identifier	
Client	Equites Newlands (Goldthorpe) Ltd
Jobnumber	
Enumerator	Fore Consulting Limited
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	PCU	PCU	perHour	s	-Min	perMin

Analysis Options

Calculate Queue Percentiles	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
		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)
D1	2022 Base	AM	ONE HOUR	07:45	09:15	15
D2	2022 Base	PM	ONE HOUR	16:15	17:45	15
D3	2028 Do Minimum	AM	ONE HOUR	07:45	09:15	15
D4	2028 Do Minimum	PM	ONE HOUR	16:15	17:45	15
D5	2028 With Development	AM	ONE HOUR	07:45	09:15	15
D6	2028 With Development	PM	ONE HOUR	16:15	17:45	15

Analysis Set Details

ID	Name	Network flow scaling factor (%)
A1	Existing Layout	100.000

Existing Layout - 2022 Base, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Highgate Lane / Commercial Road Junction	T-Junction	Two-way	Two-way	Two-way		1.03	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.03	A

Arms

Arms

Arm	Name	Description	Arm type
A	Highgate Lane (S)		Major
B	Commercial Road		Minor
C	Highgate Lane (N)		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right-turn storage	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C - Highgate Lane (N)	7.20			250.0	✓	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)	Visibility to left (m)	Visibility to right (m)
B - Commercial Road	One lane	5.00	35	40

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
B-A	610	0.105	0.266	0.168	0.381
B-C	779	0.113	0.286	-	-
C-B	719	0.264	0.264	-	-

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

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

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

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2022 Base	AM	ONE HOUR	07:45	09:15	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Highgate Lane (S)		✓	510	100.000
B - Commercial Road		✓	80	100.000
C - Highgate Lane (N)		✓	405	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - Highgate Lane (S)	B - Commercial Road	C - Highgate Lane (N)
From	A - Highgate Lane (S)	0	153	357
	B - Commercial Road	69	0	11
	C - Highgate Lane (N)	388	17	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - Highgate Lane (S)	B - Commercial Road	C - Highgate Lane (N)
From	A - Highgate Lane (S)	0	5	2
	B - Commercial Road	3	0	10
	C - Highgate Lane (N)	2	12	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.20	10.91	0.3	B
C-AB	0.04	4.93	0.1	A
C-A				
A-B				
A-C				

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	60	494	0.122	60	0.1	8.596	A
C-AB	20	809	0.025	20	0.0	4.933	A
C-A	285			285			
A-B	115			115			
A-C	269			269			

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	72	468	0.154	72	0.2	9.442	A
C-AB	26	831	0.032	26	0.0	4.825	A
C-A	338			338			
A-B	138			138			
A-C	321			321			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	88	431	0.204	88	0.3	10.887	B
C-AB	37	862	0.043	37	0.1	4.673	A
C-A	409			409			
A-B	168			168			
A-C	393			393			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	88	431	0.204	88	0.3	10.906	B
C-AB	37	862	0.043	37	0.1	4.661	A
C-A	409			409			
A-B	168			168			
A-C	393			393			

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	72	468	0.154	72	0.2	9.464	A
C-AB	26	831	0.032	27	0.0	4.794	A
C-A	338			338			
A-B	138			138			
A-C	321			321			

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	60	494	0.122	60	0.1	8.628	A
C-AB	20	809	0.025	20	0.0	4.919	A
C-A	285			285			
A-B	115			115			
A-C	269			269			

Existing Layout - 2022 Base, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Highgate Lane / Commercial Road Junction	T-Junction	Two-way	Two-way	Two-way		2.28	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	2.28	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D2	2022 Base	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Highgate Lane (S)		✓	453	100.000
B - Commercial Road		✓	161	100.000
C - Highgate Lane (N)		✓	422	100.000

Origin-Destination Data

Demand (PCU/hr)

From	To		
	A - Highgate Lane (S)	B - Commercial Road	C - Highgate Lane (N)
A - Highgate Lane (S)	0	101	352
B - Commercial Road	129	0	32
C - Highgate Lane (N)	408	14	0

Vehicle Mix

Heavy Vehicle Percentages

From	To		
	A - Highgate Lane (S)	B - Commercial Road	C - Highgate Lane (N)
A - Highgate Lane (S)	0	1	3
B - Commercial Road	4	0	7
C - Highgate Lane (N)	2	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.40	13.95	0.7	B
C-AB	0.04	4.47	0.0	A
C-A				
A-B				
A-C				

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	121	508	0.239	120	0.3	9.668	A
C-AB	17	829	0.020	17	0.0	4.466	A
C-A	301			301			
A-B	76			76			
A-C	265			265			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	145	483	0.300	144	0.4	11.114	B
C-AB	22	854	0.026	22	0.0	4.364	A
C-A	357			357			
A-B	91			91			
A-C	316			316			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	177	447	0.397	176	0.7	13.860	B
C-AB	31	890	0.035	31	0.0	4.231	A
C-A	433			433			
A-B	111			111			
A-C	388			388			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	177	447	0.397	177	0.7	13.951	B
C-AB	31	890	0.035	31	0.0	4.236	A
C-A	433			433			
A-B	111			111			
A-C	388			388			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	145	483	0.300	146	0.5	11.204	B
C-AB	22	854	0.026	22	0.0	4.373	A
C-A	357			357			
A-B	91			91			
A-C	316			316			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	121	508	0.239	122	0.3	9.758	A
C-AB	17	829	0.020	17	0.0	4.471	A
C-A	301			301			
A-B	76			76			
A-C	265			265			

Existing Layout - 2028 Do Minimum, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Highgate Lane / Commercial Road Junction	T-Junction	Two-way	Two-way	Two-way		1.24	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.24	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D3	2028 Do Minimum	AM	ONE HOUR	07:45	09:15	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Highgate Lane (S)		✓	585	100.000
B - Commercial Road		✓	98	100.000
C - Highgate Lane (N)		✓	471	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - Highgate Lane (S)	B - Commercial Road	C - Highgate Lane (N)
From	A - Highgate Lane (S)	0	170	415
	B - Commercial Road	87	0	11
	C - Highgate Lane (N)	453	18	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - Highgate Lane (S)	B - Commercial Road	C - Highgate Lane (N)
From	A - Highgate Lane (S)	0	4	2
	B - Commercial Road	2	0	10
	C - Highgate Lane (N)	2	12	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.27	12.87	0.4	B
C-AB	0.05	4.81	0.1	A
C-A				
A-B				
A-C				

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	74	469	0.157	73	0.2	9.335	A
C-AB	23	829	0.028	23	0.0	4.805	A
C-A	332			332			
A-B	128			128			
A-C	312			312			

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	88	438	0.201	88	0.3	10.561	B
C-AB	31	856	0.036	31	0.1	4.680	A
C-A	392			392			
A-B	153			153			
A-C	373			373			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	108	395	0.273	107	0.4	12.829	B
C-AB	45	896	0.050	45	0.1	4.508	A
C-A	474			474			
A-B	187			187			
A-C	457			457			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	108	395	0.273	108	0.4	12.873	B
C-AB	45	896	0.050	45	0.1	4.496	A
C-A	474			474			
A-B	187			187			
A-C	457			457			

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	88	438	0.201	89	0.3	10.606	B
C-AB	31	856	0.036	31	0.1	4.647	A
C-A	392			392			
A-B	153			153			
A-C	373			373			

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	74	469	0.157	74	0.2	9.384	A
C-AB	23	829	0.028	23	0.0	4.790	A
C-A	331			331			
A-B	128			128			
A-C	312			312			

Existing Layout - 2028 Do Minimum, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Highgate Lane / Commercial Road Junction	T-Junction	Two-way	Two-way	Two-way		2.66	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	2.66	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D4	2028 Do Minimum	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Highgate Lane (S)		✓	533	100.000
B - Commercial Road		✓	178	100.000
C - Highgate Lane (N)		✓	493	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - Highgate Lane (S)	B - Commercial Road	C - Highgate Lane (N)
From	A - Highgate Lane (S)	0	119	414
	B - Commercial Road	145	0	33
	C - Highgate Lane (N)	479	14	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - Highgate Lane (S)	B - Commercial Road	C - Highgate Lane (N)
From	A - Highgate Lane (S)	0	1	2
	B - Commercial Road	3	0	7
	C - Highgate Lane (N)	2	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.48	17.32	0.9	C
C-AB	0.04	4.37	0.1	A
C-A				
A-B				
A-C				

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	134	483	0.277	132	0.4	10.595	B
C-AB	18	851	0.022	18	0.0	4.360	A
C-A	353			353			
A-B	90			90			
A-C	312			312			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	160	453	0.353	159	0.6	12.674	B
C-AB	25	881	0.028	25	0.0	4.240	A
C-A	419			419			
A-B	107			107			
A-C	372			372			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	196	411	0.476	195	0.9	17.104	C
C-AB	36	926	0.039	36	0.1	4.086	A
C-A	507			507			
A-B	131			131			
A-C	456			456			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	196	411	0.476	196	0.9	17.317	C
C-AB	36	926	0.039	36	0.1	4.090	A
C-A	507			507			
A-B	131			131			
A-C	456			456			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	160	453	0.353	161	0.6	12.854	B
C-AB	25	881	0.028	25	0.0	4.250	A
C-A	418			418			
A-B	107			107			
A-C	372			372			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	134	483	0.277	135	0.4	10.731	B
C-AB	18	851	0.022	18	0.0	4.366	A
C-A	353			353			
A-B	90			90			
A-C	312			312			

Existing Layout - 2028 With Development, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Highgate Lane / Commercial Road Junction	T-Junction	Two-way	Two-way	Two-way		1.36	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.36	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D5	2028 With Development	AM	ONE HOUR	07:45	09:15	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Highgate Lane (S)		✓	644	100.000
B - Commercial Road		✓	108	100.000
C - Highgate Lane (N)		✓	471	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - Highgate Lane (S)	B - Commercial Road	C - Highgate Lane (N)
From	A - Highgate Lane (S)	0	229	415
	B - Commercial Road	97	0	11
	C - Highgate Lane (N)	453	18	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - Highgate Lane (S)	B - Commercial Road	C - Highgate Lane (N)
From	A - Highgate Lane (S)	0	3	2
	B - Commercial Road	2	0	10
	C - Highgate Lane (N)	2	12	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.31	13.81	0.5	B
C-AB	0.05	4.86	0.1	A
C-A				
A-B				
A-C				

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	81	462	0.176	80	0.2	9.663	A
C-AB	23	820	0.028	23	0.0	4.862	A
C-A	331			331			
A-B	172			172			
A-C	312			312			

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	97	431	0.225	97	0.3	11.066	B
C-AB	31	845	0.037	31	0.1	4.742	A
C-A	392			392			
A-B	206			206			
A-C	373			373			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	119	387	0.307	118	0.4	13.745	B
C-AB	46	883	0.052	46	0.1	4.576	A
C-A	473			473			
A-B	252			252			
A-C	457			457			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	119	387	0.307	119	0.5	13.806	B
C-AB	46	883	0.052	46	0.1	4.563	A
C-A	473			473			
A-B	252			252			
A-C	457			457			

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	97	431	0.225	98	0.3	11.129	B
C-AB	31	845	0.037	31	0.1	4.710	A
C-A	392			392			
A-B	206			206			
A-C	373			373			

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	81	462	0.176	82	0.2	9.725	A
C-AB	23	820	0.028	23	0.0	4.846	A
C-A	331			331			
A-B	172			172			
A-C	312			312			

Existing Layout - 2028 With Development, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Highgate Lane / Commercial Road Junction	T-Junction	Two-way	Two-way	Two-way		5.24	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	5.24	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D6	2028 With Development	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Highgate Lane (S)		✓	547	100.000
B - Commercial Road		✓	242	100.000
C - Highgate Lane (N)		✓	493	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - Highgate Lane (S)	B - Commercial Road	C - Highgate Lane (N)
From	A - Highgate Lane (S)	0	133	414
	B - Commercial Road	209	0	33
	C - Highgate Lane (N)	479	14	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - Highgate Lane (S)	B - Commercial Road	C - Highgate Lane (N)
From	A - Highgate Lane (S)	0	1	2
	B - Commercial Road	2	0	7
	C - Highgate Lane (N)	2	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.66	27.22	1.9	D
C-AB	0.04	4.38	0.1	A
C-A				
A-B				
A-C				

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	182	474	0.384	180	0.6	12.456	B
C-AB	18	848	0.022	18	0.0	4.372	A
C-A	353			353			
A-B	100			100			
A-C	312			312			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	218	444	0.491	216	1.0	16.160	C
C-AB	25	879	0.028	25	0.0	4.253	A
C-A	418			418			
A-B	120			120			
A-C	372			372			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	266	401	0.664	263	1.9	25.988	D
C-AB	36	923	0.039	36	0.1	4.100	A
C-A	507			507			
A-B	146			146			
A-C	456			456			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	266	401	0.664	266	1.9	27.217	D
C-AB	36	923	0.039	36	0.1	4.105	A
C-A	507			507			
A-B	146			146			
A-C	456			456			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	218	443	0.491	221	1.0	16.891	C
C-AB	25	879	0.028	25	0.0	4.261	A
C-A	418			418			
A-B	120			120			
A-C	372			372			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	182	474	0.384	184	0.7	12.796	B
C-AB	18	848	0.022	18	0.0	4.378	A
C-A	353			353			
A-B	100			100			
A-C	312			312			

Appendix M

Junctions10 Output - Fields End Roundabout

Junctions 10
ARCADY 10 - Roundabout Module
Version: 10.0.2.1574 © Copyright TRL Software Limited, 2021
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Filename: 2023-11-15_Fields End Roundabout.j10
Path: G:\Shared drives\Jobs3000\3465 Employment Site at Goldthorpe\Junction Models\Fields End Roundabout
Report generation date: 30/11/2023 15:29:47

- »Existing Layout - 2022 Base, AM
- »Existing Layout - 2022 Base, PM
- »Existing Layout - 2028 Do Minimum, AM
- »Existing Layout - 2028 Do Minimum, PM
- »Existing Layout - 2028 With Development, AM
- »Existing Layout - 2028 With Development, PM

Summary of junction performance

	AM			PM		
	Queue (PCU)	Delay (s)	RFC	Queue (PCU)	Delay (s)	RFC
Existing Layout - 2022 Base						
1 - Barrowfield Road	0.3	4.34	0.21	0.4	4.05	0.29
2 - A635 (E)	0.6	2.48	0.32	0.5	2.40	0.33
3 - B6098	0.3	4.23	0.25	0.3	4.19	0.20
4 - A635 (W)	1.8	7.16	0.61	0.9	4.51	0.45
Existing Layout - 2028 Do Minimum						
1 - Barrowfield Road	0.4	4.64	0.24	0.5	4.45	0.33
2 - A635 (E)	0.6	2.57	0.35	0.6	2.56	0.37
3 - B6098	0.5	4.69	0.31	0.3	4.52	0.24
4 - A635 (W)	2.3	8.55	0.67	1.1	4.98	0.50
Existing Layout - 2028 With Development						
1 - Barrowfield Road	0.4	4.84	0.26	0.5	4.71	0.35
2 - A635 (E)	0.7	2.76	0.38	0.7	2.70	0.39
3 - B6098	0.5	5.07	0.33	0.3	4.70	0.24
4 - A635 (W)	2.8	9.79	0.71	1.4	5.81	0.57

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	Fields End Roundabout
Location	
Site number	4
Date	15/11/2023
Version	
Status	Existing
Identifier	
Client	Equites Newlands (Goldthorpe) Ltd
Jobnumber	
Enumerator	Fore Consulting Limited
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	PCU	PCU	perHour	s	-Min	perMin

Analysis Options

Calculate Queue Percentiles	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
		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)
D1	2022 Base	AM	ONE HOUR	07:30	09:00	15
D2	2022 Base	PM	ONE HOUR	16:00	17:30	15
D3	2028 Do Minimum	AM	ONE HOUR	07:30	09:00	15
D4	2028 Do Minimum	PM	ONE HOUR	16:00	17:30	15
D5	2028 With Development	AM	ONE HOUR	07:30	09:00	15
D6	2028 With Development	PM	ONE HOUR	16:00	17:30	15

Analysis Set Details

ID	Name	Network flow scaling factor (%)
A1	Existing Layout	100.000

Existing Layout - 2022 Base, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	Fields End Roundabout	Standard Roundabout		1, 2, 3, 4	4.79	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	4.79	A

Arms

Arms

Arm	Name	Description	No give-way line
1	Barrowfield Road		
2	A635 (E)		
3	B6098		
4	A635 (W)		

Roundabout Geometry

Arm	V - Approach road half-width (m)	E - Entry width (m)	I' - Effective flare length (m)	R - Entry radius (m)	D - Inscribed circle diameter (m)	PHI - Conflict (entry) angle (deg)	Entry only	Exit only
1 - Barrowfield Road	4.32	8.07	6.0	58.8	65.7	44.8		
2 - A635 (E)	6.83	10.28	17.6	55.5	68.7	40.9		
3 - B6098	2.98	6.25	23.7	33.4	61.1	23.9		
4 - A635 (W)	4.34	7.58	4.2	44.4	58.0	19.2		

Slope / Intercept / Capacity

Roundabout Slope and Intercept used in model

Arm	Final slope	Final intercept (PCU/hr)
1 - Barrowfield Road	0.514	1657
2 - A635 (E)	0.668	2694
3 - B6098	0.554	1656
4 - A635 (W)	0.586	1704

The slope and intercept shown above include any corrections and adjustments.

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)
D1	2022 Base	AM	ONE HOUR	07:30	09:00	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1 - Barrowfield Road		✓	229	100.000
2 - A635 (E)		✓	744	100.000
3 - B6098		✓	270	100.000
4 - A635 (W)		✓	834	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		1 - Barrowfield Road	2 - A635 (E)	3 - B6098	4 - A635 (W)
From	1 - Barrowfield Road	0	57	102	70
	2 - A635 (E)	72	0	34	638
	3 - B6098	121	128	0	21
	4 - A635 (W)	132	664	38	0

Vehicle Mix

Heavy Vehicle Percentages

		To			
		1 - Barrowfield Road	2 - A635 (E)	3 - B6098	4 - A635 (W)
From	1 - Barrowfield Road	0	30	4	14
	2 - A635 (E)	9	0	13	20
	3 - B6098	2	6	0	0
	4 - A635 (W)	2	19	3	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
1 - Barrowfield Road	0.21	4.34	0.3	A
2 - A635 (E)	0.32	2.48	0.6	A
3 - B6098	0.25	4.23	0.3	A
4 - A635 (W)	0.61	7.16	1.8	A

Main Results for each time segment

07:30 - 07:45

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	172	622	1337	0.129	172	0.2	3.479	A
2 - A635 (E)	560	157	2589	0.216	559	0.3	2.101	A
3 - B6098	203	586	1331	0.153	203	0.2	3.305	A
4 - A635 (W)	628	241	1563	0.402	625	0.8	4.406	A

07:45 - 08:00

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	206	745	1273	0.162	206	0.2	3.797	A
2 - A635 (E)	669	189	2568	0.260	668	0.4	2.246	A
3 - B6098	243	701	1268	0.191	242	0.2	3.641	A
4 - A635 (W)	750	288	1535	0.489	748	1.1	5.263	A

08:00 - 08:15

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	252	911	1188	0.212	252	0.3	4.331	A
2 - A635 (E)	819	231	2540	0.323	819	0.6	2.479	A
3 - B6098	297	858	1181	0.252	297	0.3	4.222	A
4 - A635 (W)	918	353	1497	0.613	915	1.8	7.096	A

08:15 - 08:30

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	252	914	1186	0.213	252	0.3	4.339	A
2 - A635 (E)	819	231	2539	0.323	819	0.6	2.479	A
3 - B6098	297	859	1180	0.252	297	0.3	4.227	A
4 - A635 (W)	918	353	1497	0.614	918	1.8	7.163	A

08:30 - 08:45

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	206	749	1271	0.162	206	0.2	3.806	A
2 - A635 (E)	669	189	2567	0.261	669	0.4	2.248	A
3 - B6098	243	702	1267	0.192	243	0.2	3.649	A
4 - A635 (W)	750	289	1534	0.489	753	1.1	5.320	A

08:45 - 09:00

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	172	626	1334	0.129	173	0.2	3.489	A
2 - A635 (E)	560	158	2588	0.216	560	0.3	2.104	A
3 - B6098	203	588	1330	0.153	204	0.2	3.315	A
4 - A635 (W)	628	242	1562	0.402	629	0.8	4.450	A

Existing Layout - 2022 Base, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	Fields End Roundabout	Standard Roundabout		1, 2, 3, 4	3.58	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	3.58	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D2	2022 Base	PM	ONE HOUR	16:00	17:30	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1 - Barrowfield Road		✓	337	100.000
2 - A635 (E)		✓	747	100.000
3 - B6098		✓	206	100.000
4 - A635 (W)		✓	646	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		1 - Barrowfield Road	2 - A635 (E)	3 - B6098	4 - A635 (W)
From	1 - Barrowfield Road	0	65	123	149
	2 - A635 (E)	33	0	62	652
	3 - B6098	85	84	0	37
	4 - A635 (W)	87	538	21	0

Vehicle Mix

Heavy Vehicle Percentages

		To			
		1 - Barrowfield Road	2 - A635 (E)	3 - B6098	4 - A635 (W)
From	1 - Barrowfield Road	0	7	3	3
	2 - A635 (E)	31	0	7	10
	3 - B6098	10	5	0	6
	4 - A635 (W)	4	9	0	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
1 - Barrowfield Road	0.29	4.05	0.4	A
2 - A635 (E)	0.33	2.40	0.5	A
3 - B6098	0.20	4.19	0.3	A
4 - A635 (W)	0.45	4.51	0.9	A

Main Results for each time segment

16:00 - 16:15

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	254	482	1408	0.180	253	0.2	3.227	A
2 - A635 (E)	562	220	2547	0.221	561	0.3	2.003	A
3 - B6098	155	626	1309	0.118	155	0.1	3.341	A
4 - A635 (W)	486	152	1615	0.301	484	0.5	3.432	A

16:15 - 16:30

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	303	577	1359	0.223	303	0.3	3.534	A
2 - A635 (E)	672	263	2518	0.267	671	0.4	2.154	A
3 - B6098	185	749	1241	0.149	185	0.2	3.654	A
4 - A635 (W)	581	181	1597	0.364	580	0.6	3.819	A

16:30 - 16:45

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	371	707	1293	0.287	371	0.4	4.048	A
2 - A635 (E)	822	322	2479	0.332	822	0.5	2.402	A
3 - B6098	227	918	1148	0.198	227	0.3	4.188	A
4 - A635 (W)	711	222	1574	0.452	710	0.9	4.497	A

16:45 - 17:00

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	371	708	1292	0.287	371	0.4	4.053	A
2 - A635 (E)	822	323	2478	0.332	822	0.5	2.402	A
3 - B6098	227	918	1147	0.198	227	0.3	4.192	A
4 - A635 (W)	711	222	1573	0.452	711	0.9	4.508	A

17:00 - 17:15

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	303	579	1359	0.223	303	0.3	3.542	A
2 - A635 (E)	672	264	2518	0.267	672	0.4	2.158	A
3 - B6098	185	750	1240	0.149	185	0.2	3.659	A
4 - A635 (W)	581	182	1597	0.364	582	0.6	3.831	A

17:15 - 17:30

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	254	485	1407	0.180	254	0.2	3.241	A
2 - A635 (E)	562	221	2546	0.221	563	0.3	2.006	A
3 - B6098	155	628	1308	0.119	155	0.1	3.347	A
4 - A635 (W)	486	152	1615	0.301	487	0.5	3.451	A

Existing Layout - 2028 Do Minimum, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	Fields End Roundabout	Standard Roundabout		1, 2, 3, 4	5.45	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	5.45	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D3	2028 Do Minimum	AM	ONE HOUR	07:30	09:00	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1 - Barrowfield Road		✓	255	100.000
2 - A635 (E)		✓	807	100.000
3 - B6098		✓	317	100.000
4 - A635 (W)		✓	895	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		1 - Barrowfield Road	2 - A635 (E)	3 - B6098	4 - A635 (W)
From	1 - Barrowfield Road	0	59	117	79
	2 - A635 (E)	74	0	44	689
	3 - B6098	138	157	0	22
	4 - A635 (W)	153	701	41	0

Vehicle Mix

Heavy Vehicle Percentages

		To			
		1 - Barrowfield Road	2 - A635 (E)	3 - B6098	4 - A635 (W)
From	1 - Barrowfield Road	0	29	4	13
	2 - A635 (E)	9	0	10	18
	3 - B6098	2	5	0	0
	4 - A635 (W)	2	18	2	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
1 - Barrowfield Road	0.24	4.64	0.4	A
2 - A635 (E)	0.35	2.57	0.6	A
3 - B6098	0.31	4.69	0.5	A
4 - A635 (W)	0.67	8.55	2.3	A

Main Results for each time segment

07:30 - 07:45

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	192	673	1310	0.147	191	0.2	3.594	A
2 - A635 (E)	608	178	2575	0.236	606	0.4	2.132	A
3 - B6098	239	632	1306	0.183	238	0.2	3.479	A
4 - A635 (W)	674	277	1542	0.437	670	0.9	4.697	A

07:45 - 08:00

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	229	807	1242	0.185	229	0.3	3.973	A
2 - A635 (E)	725	213	2552	0.284	725	0.5	2.299	A
3 - B6098	285	756	1237	0.230	285	0.3	3.905	A
4 - A635 (W)	805	331	1510	0.533	803	1.3	5.802	A

08:00 - 08:15

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	281	986	1149	0.244	280	0.4	4.629	A
2 - A635 (E)	889	260	2520	0.353	888	0.6	2.571	A
3 - B6098	349	926	1143	0.305	348	0.5	4.679	A
4 - A635 (W)	985	406	1466	0.672	981	2.3	8.410	A

08:15 - 08:30

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	281	990	1147	0.245	281	0.4	4.642	A
2 - A635 (E)	889	261	2519	0.353	889	0.6	2.574	A
3 - B6098	349	927	1142	0.306	349	0.5	4.688	A
4 - A635 (W)	985	406	1466	0.672	985	2.3	8.546	A

08:30 - 08:45

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	229	812	1239	0.185	230	0.3	3.988	A
2 - A635 (E)	725	214	2551	0.284	726	0.5	2.301	A
3 - B6098	285	758	1236	0.231	286	0.3	3.916	A
4 - A635 (W)	805	332	1509	0.533	809	1.3	5.899	A

08:45 - 09:00

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	192	678	1308	0.147	192	0.2	3.607	A
2 - A635 (E)	608	179	2574	0.236	608	0.4	2.135	A
3 - B6098	239	634	1304	0.183	239	0.2	3.493	A
4 - A635 (W)	674	278	1541	0.437	676	0.9	4.758	A

Existing Layout - 2028 Do Minimum, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	Fields End Roundabout	Standard Roundabout		1, 2, 3, 4	3.91	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	3.91	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D4	2028 Do Minimum	PM	ONE HOUR	16:00	17:30	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1 - Barrowfield Road		✓	380	100.000
2 - A635 (E)		✓	816	100.000
3 - B6098		✓	237	100.000
4 - A635 (W)		✓	710	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		1 - Barrowfield Road	2 - A635 (E)	3 - B6098	4 - A635 (W)
From	1 - Barrowfield Road	0	67	142	171
	2 - A635 (E)	34	0	88	694
	3 - B6098	99	98	0	40
	4 - A635 (W)	97	590	23	0

Vehicle Mix

Heavy Vehicle Percentages

		To			
		1 - Barrowfield Road	2 - A635 (E)	3 - B6098	4 - A635 (W)
From	1 - Barrowfield Road	0	7	3	2
	2 - A635 (E)	30	0	5	10
	3 - B6098	9	4	0	5
	4 - A635 (W)	3	8	0	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
1 - Barrowfield Road	0.33	4.45	0.5	A
2 - A635 (E)	0.37	2.56	0.6	A
3 - B6098	0.24	4.52	0.3	A
4 - A635 (W)	0.50	4.98	1.1	A

Main Results for each time segment

16:00 - 16:15

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	286	533	1382	0.207	285	0.3	3.383	A
2 - A635 (E)	614	252	2525	0.243	613	0.4	2.072	A
3 - B6098	178	675	1282	0.139	178	0.2	3.461	A
4 - A635 (W)	535	173	1602	0.334	532	0.5	3.593	A

16:15 - 16:30

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	342	638	1328	0.257	341	0.4	3.766	A
2 - A635 (E)	734	302	2492	0.294	733	0.5	2.254	A
3 - B6098	213	808	1208	0.176	213	0.2	3.839	A
4 - A635 (W)	638	207	1582	0.403	638	0.7	4.074	A

16:30 - 16:45

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	418	781	1255	0.334	418	0.5	4.438	A
2 - A635 (E)	898	369	2447	0.367	898	0.6	2.557	A
3 - B6098	261	989	1108	0.235	261	0.3	4.509	A
4 - A635 (W)	782	254	1555	0.503	780	1.1	4.964	A

16:45 - 17:00

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	418	783	1254	0.334	418	0.5	4.447	A
2 - A635 (E)	898	370	2447	0.367	898	0.6	2.560	A
3 - B6098	261	990	1108	0.236	261	0.3	4.515	A
4 - A635 (W)	782	254	1555	0.503	782	1.1	4.983	A

17:00 - 17:15

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	342	641	1327	0.257	342	0.4	3.777	A
2 - A635 (E)	734	303	2492	0.294	734	0.5	2.258	A
3 - B6098	213	809	1208	0.176	213	0.2	3.848	A
4 - A635 (W)	638	208	1582	0.404	640	0.7	4.094	A

17:15 - 17:30

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	286	536	1381	0.207	286	0.3	3.398	A
2 - A635 (E)	614	253	2525	0.243	615	0.4	2.076	A
3 - B6098	178	677	1281	0.139	179	0.2	3.472	A
4 - A635 (W)	535	174	1602	0.334	535	0.5	3.614	A

Existing Layout - 2028 With Development, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	Fields End Roundabout	Standard Roundabout		1, 2, 3, 4	6.05	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	6.05	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D5	2028 With Development	AM	ONE HOUR	07:30	09:00	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1 - Barrowfield Road		✓	268	100.000
2 - A635 (E)		✓	877	100.000
3 - B6098		✓	326	100.000
4 - A635 (W)		✓	943	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		1 - Barrowfield Road	2 - A635 (E)	3 - B6098	4 - A635 (W)
From	1 - Barrowfield Road	0	59	117	92
	2 - A635 (E)	74	0	44	759
	3 - B6098	138	157	0	31
	4 - A635 (W)	155	745	43	0

Vehicle Mix

Heavy Vehicle Percentages

		To			
		1 - Barrowfield Road	2 - A635 (E)	3 - B6098	4 - A635 (W)
From	1 - Barrowfield Road	0	29	4	11
	2 - A635 (E)	9	0	10	20
	3 - B6098	2	5	0	0
	4 - A635 (W)	2	21	2	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
1 - Barrowfield Road	0.26	4.84	0.4	A
2 - A635 (E)	0.38	2.76	0.7	A
3 - B6098	0.33	5.07	0.5	A
4 - A635 (W)	0.71	9.79	2.8	A

Main Results for each time segment

07:30 - 07:45

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	202	708	1292	0.156	201	0.2	3.664	A
2 - A635 (E)	660	189	2568	0.257	659	0.4	2.231	A
3 - B6098	245	695	1271	0.193	244	0.2	3.616	A
4 - A635 (W)	710	277	1542	0.461	706	1.0	4.995	A

07:45 - 08:00

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	241	848	1220	0.197	241	0.3	4.083	A
2 - A635 (E)	788	226	2543	0.310	788	0.5	2.430	A
3 - B6098	293	831	1196	0.245	293	0.3	4.113	A
4 - A635 (W)	848	331	1510	0.562	846	1.5	6.296	A

08:00 - 08:15

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	295	1036	1124	0.263	295	0.4	4.823	A
2 - A635 (E)	966	277	2509	0.385	965	0.7	2.760	A
3 - B6098	359	1017	1092	0.329	358	0.5	5.059	A
4 - A635 (W)	1038	406	1466	0.708	1033	2.7	9.573	A

08:15 - 08:30

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	295	1040	1121	0.263	295	0.4	4.842	A
2 - A635 (E)	966	277	2508	0.385	966	0.7	2.763	A
3 - B6098	359	1018	1092	0.329	359	0.5	5.070	A
4 - A635 (W)	1038	406	1466	0.708	1038	2.8	9.793	A

08:30 - 08:45

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	241	854	1217	0.198	241	0.3	4.102	A
2 - A635 (E)	788	227	2542	0.310	789	0.5	2.433	A
3 - B6098	293	832	1195	0.245	294	0.3	4.128	A
4 - A635 (W)	848	332	1509	0.562	853	1.5	6.438	A

08:45 - 09:00

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	202	713	1290	0.156	202	0.2	3.679	A
2 - A635 (E)	660	190	2567	0.257	661	0.4	2.239	A
3 - B6098	245	697	1270	0.193	246	0.2	3.632	A
4 - A635 (W)	710	278	1541	0.461	712	1.0	5.070	A

Existing Layout - 2028 With Development, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	Fields End Roundabout	Standard Roundabout		1, 2, 3, 4	4.34	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	4.34	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D6	2028 With Development	PM	ONE HOUR	16:00	17:30	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1 - Barrowfield Road		✓	383	100.000
2 - A635 (E)		✓	863	100.000
3 - B6098		✓	239	100.000
4 - A635 (W)		✓	801	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		1 - Barrowfield Road	2 - A635 (E)	3 - B6098	4 - A635 (W)
From	1 - Barrowfield Road	0	67	142	174
	2 - A635 (E)	34	0	88	741
	3 - B6098	99	98	0	42
	4 - A635 (W)	111	659	31	0

Vehicle Mix

Heavy Vehicle Percentages

		To			
		1 - Barrowfield Road	2 - A635 (E)	3 - B6098	4 - A635 (W)
From	1 - Barrowfield Road	0	7	3	2
	2 - A635 (E)	30	0	5	12
	3 - B6098	9	4	0	5
	4 - A635 (W)	3	10	0	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
1 - Barrowfield Road	0.35	4.71	0.5	A
2 - A635 (E)	0.39	2.70	0.7	A
3 - B6098	0.24	4.70	0.3	A
4 - A635 (W)	0.57	5.81	1.4	A

Main Results for each time segment

16:00 - 16:15

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	288	591	1353	0.213	287	0.3	3.484	A
2 - A635 (E)	650	260	2520	0.258	648	0.4	2.149	A
3 - B6098	180	713	1261	0.143	179	0.2	3.532	A
4 - A635 (W)	603	173	1602	0.376	600	0.7	3.891	A

16:15 - 16:30

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	344	707	1293	0.266	344	0.4	3.915	A
2 - A635 (E)	776	312	2486	0.312	775	0.5	2.354	A
3 - B6098	215	853	1184	0.182	215	0.2	3.944	A
4 - A635 (W)	720	207	1582	0.455	719	0.9	4.523	A

16:30 - 16:45

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	422	866	1211	0.348	421	0.5	4.698	A
2 - A635 (E)	950	381	2439	0.390	949	0.7	2.701	A
3 - B6098	263	1044	1078	0.244	263	0.3	4.689	A
4 - A635 (W)	882	254	1555	0.567	880	1.4	5.772	A

16:45 - 17:00

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	422	868	1210	0.348	422	0.5	4.711	A
2 - A635 (E)	950	382	2439	0.390	950	0.7	2.704	A
3 - B6098	263	1045	1077	0.244	263	0.3	4.696	A
4 - A635 (W)	882	254	1555	0.567	882	1.4	5.808	A

17:00 - 17:15

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	344	710	1291	0.267	345	0.4	3.931	A
2 - A635 (E)	776	313	2485	0.312	777	0.5	2.357	A
3 - B6098	215	854	1183	0.182	215	0.2	3.953	A
4 - A635 (W)	720	208	1582	0.455	722	0.9	4.555	A

17:15 - 17:30

Arm	Total Demand (PCU/hr)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Barrowfield Road	288	594	1351	0.213	289	0.3	3.501	A
2 - A635 (E)	650	262	2519	0.258	650	0.4	2.154	A
3 - B6098	180	715	1260	0.143	180	0.2	3.541	A
4 - A635 (W)	603	174	1602	0.376	604	0.7	3.920	A

Appendix N

Junctions10 Output - A635 / Red Hill Lane / Hickleton Road

Junctions 10
PICADY 10 - Priority Intersection Module
Version: 10.0.2.1574 © Copyright TRL Software Limited, 2021
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Filename: 2023-11-15_A635_Red Hill.j10
 Path: G:\Shared drives\Jobs3000\3465 Employment Site at Goldthorpe\Junction Models\A635_Red Hill
 Report generation date: 30/11/2023 15:55:42

- »Existing Layout - 2022 Base, AM
- »Existing Layout - 2022 Base, PM
- »Existing Layout - 2028 Do Minimum, AM
- »Existing Layout - 2028 Do Minimum, PM
- »Existing Layout - 2028 With Development, AM
- »Existing Layout - 2028 With Development, PM
- »Existing Layout - 2022 Base + Dev, AM
- »Existing Layout - 2022 Base + Dev, PM

Summary of junction performance

	AM				PM			
	Queue (PCU)	Delay (s)	RFC	Junction Delay (s)	Queue (PCU)	Delay (s)	RFC	Junction Delay (s)
Existing Layout - 2022 Base								
Stream B-ACD	0.7	25.49	0.41	8.76	0.7	25.06	0.41	5.87
Stream A-BCD	0.2	4.95	0.09		0.1	3.73	0.04	
Stream D-ABC	4.9	123.77	0.91		2.7	72.18	0.78	
Stream C-ABD	1.7	5.18	0.36		1.7	5.44	0.39	
Existing Layout - 2028 Do Minimum								
Stream B-ACD	1.2	42.63	0.57	37.73	1.2	41.40	0.56	15.76
Stream A-BCD	0.3	4.74	0.10		0.1	3.40	0.06	
Stream D-ABC	26.5	643.54	1.37		10.4	238.50	1.15	
Stream C-ABD	3.0	6.09	0.49		2.7	6.26	0.50	
Existing Layout - 2028 With Development								
Stream B-ACD	2.0	66.83	0.70	78.45	1.7	60.51	0.67	30.28
Stream A-BCD	0.3	4.60	0.12		0.1	3.36	0.06	
Stream D-ABC	47.8	1417.36	1.77		21.8	514.60	1.43	
Stream C-ABD	3.9	6.85	0.56		3.7	7.04	0.56	
Existing Layout - 2022 Base + Dev								
Stream B-ACD	0.9	32.35	0.47	14.51	0.8	30.27	0.46	8.23
Stream A-BCD	0.2	4.78	0.10		0.1	3.68	0.05	
Stream D-ABC	9.7	226.97	1.08		4.4	116.81	0.92	
Stream C-ABD	2.0	5.44	0.39		2.2	5.75	0.44	

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle. Junction LOS and Junction Delay are demand-weighted averages.

File summary

File Description

Title	A635/Red Hill Lane Junction
Location	
Site number	
Date	15/11/2023
Version	
Status	Existing
Identifier	
Client	Equites Newlands (Goldthorpe) Ltd
Jobnumber	
Enumerator	Fore Consulting Ltd
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	PCU	PCU	perTimeSegment	s	-Min	perMin

Analysis Options

Vehicle length (m)	Calculate Queue Percentiles	Calculate detailed queueing delay	Show lane queues in feet / metres	Show all PICADY stream intercepts	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)	Use iterations with HCM roundabouts	Max number of iterations for roundabouts
5.75						0.85	36.00	20.00		500

Demand Set Summary

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically	Relationship type	Relationship
D1	2022 Base	AM	DIRECT	07:15	08:45	90	15	✓		
D2	2022 Base	PM	DIRECT	16:15	17:45	90	15	✓		
D3	2028 Do Minimum	AM	DIRECT	07:15	08:45	90	15	✓		
D4	2028 Do Minimum	PM	DIRECT	16:15	17:45	90	15	✓		
D5	2028 With Development	AM	DIRECT	07:15	08:45	90	15	✓		
D6	2028 With Development	PM	DIRECT	16:15	17:45	90	15	✓		
D7	2022 Base + Dev	AM	DIRECT	07:15	08:45	90	15	✓	Simple	D1 + D5 - D3
D8	2022 Base + Dev	PM	DIRECT	16:15	17:45	90	15	✓	Simple	D2 + D6 - D4

Analysis Set Details

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

Existing Layout - 2022 Base, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Arm D Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Red Hill Lane / A635 / Hickleton Road Crossroads	Crossroads	Two-way	Two-way	Two-way	Two-way		8.76	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	8.76	A

Arms

Arms

Arm	Name	Description	Arm type
A	A635 (E)		Major
B	Hickleton Road		Minor
C	A635 (W)		Major
D	Red Hill Lane		Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right-turn storage	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
A - A635 (E)	6.70			95.0	✓	0.00
C - A635 (W)	6.70			250.0	✓	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)	Visibility to left (m)	Visibility to right (m)
B - Hickleton Road	One lane	4.20	20	75
D - Red Hill Lane	One lane	4.40	80	25

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Stream	Intercept (PCU/TS)	Slope for A-B	Slope for A-C	Slope for A-D	Slope for B-A	Slope for B-C	Slope for B-D	Slope for C-A	Slope for C-B	Slope for C-D	Slope for D-A	Slope for D-B	Slope for D-C
A-D	157.245	-	-	-	-	-	-	0.236	0.338	0.236	-	-	-
B-A	145.840	0.103	0.260	0.260	-	-	-	0.164	0.372	-	0.260	0.260	0.130
B-C	187.946	0.112	0.282	-	-	-	-	-	-	-	-	-	-
B-D, nearside lane	145.840	0.103	0.260	0.260	-	-	-	0.164	0.372	0.164	-	-	-
B-D, offside lane	145.840	0.103	0.260	0.260	-	-	-	0.164	0.372	0.164	-	-	-
C-B	179.685	0.270	0.270	0.386	-	-	-	-	-	-	-	-	-
D-A	182.334	-	-	-	-	-	-	0.274	-	0.108	-	-	-
D-B, nearside lane	147.009	0.165	0.165	0.375	-	-	-	0.262	0.262	0.104	-	-	-
D-B, offside lane	147.009	0.165	0.165	0.375	-	-	-	0.262	0.262	0.104	-	-	-
D-C	147.009	-	0.165	0.375	0.131	0.262	0.262	0.262	0.262	0.104	-	-	-

The slopes and intercepts shown above include custom intercept adjustments only.
 Streams may be combined, in which case capacity will be adjusted.
 Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically
D1	2022 Base	AM	DIRECT	07:15	08:45	90	15	✓

Vehicle mix varies over time	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	✓	✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Scaling Factor (%)
A - A635 (E)		DIRECT	✓	100.000
B - Hickleton Road		DIRECT	✓	100.000
C - A635 (W)		DIRECT	✓	100.000
D - Red Hill Lane		DIRECT	✓	100.000

Origin-Destination Data

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:15 - 07:30	From	A - A635 (E)	0.00	1.00	170.00	0.00
		B - Hickleton Road	0.00	0.00	6.00	7.00
		C - A635 (W)	250.00	8.00	0.00	58.00
		D - Red Hill Lane	1.00	4.00	16.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:30 - 07:45	From	A - A635 (E)	0.00	1.00	197.00	4.00
		B - Hickleton Road	2.00	0.00	12.00	11.00
		C - A635 (W)	240.00	13.00	0.00	54.00
		D - Red Hill Lane	1.00	6.00	8.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:45 - 08:00	From	A - A635 (E)	0.00	4.00	207.00	0.00
		B - Hickleton Road	1.00	0.00	14.00	5.00
		C - A635 (W)	236.00	6.00	0.00	52.00
		D - Red Hill Lane	2.00	3.00	29.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:00 - 08:15	From	A - A635 (E)	0.00	3.00	185.00	0.00
		B - Hickleton Road	2.00	0.00	12.00	4.00
		C - A635 (W)	196.00	10.00	0.00	43.00
		D - Red Hill Lane	4.00	5.00	34.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:15 - 08:30	From	A - A635 (E)	0.00	3.00	219.00	0.00
		B - Hickleton Road	1.00	0.00	11.00	9.00
		C - A635 (W)	214.00	19.00	0.00	34.00
		D - Red Hill Lane	2.00	7.00	30.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:30 - 08:45	From	A - A635 (E)	0.00	3.00	177.00	1.00
		B - Hickleton Road	2.00	0.00	10.00	5.00
		C - A635 (W)	224.00	7.00	0.00	43.00
		D - Red Hill Lane	1.00	4.00	26.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:15 - 07:30	From	A - A635 (E)	0	0	15	0
		B - Hickleton Road	0	0	0	13
		C - A635 (W)	10	0	0	9
		D - Red Hill Lane	0	0	7	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:30 - 07:45	From	A - A635 (E)	0	0	21	33
		B - Hickleton Road	0	0	0	10
		C - A635 (W)	14	8	0	4
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:45 - 08:00	From	A - A635 (E)	0	0	17	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	17	0	0	4
		D - Red Hill Lane	0	0	20	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:00 - 08:15	From	A - A635 (E)	0	0	17	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	15	11	0	7
		D - Red Hill Lane	33	0	6	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:15 - 08:30	From	A - A635 (E)	0	0	16	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	16	0	0	3
		D - Red Hill Lane	100	17	11	0

Heavy Vehicle Percentages

08:30 - 08:45

		To			
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane
From	A - A635 (E)	0	0	19	0
	B - Hickleton Road	100	0	0	0
	C - A635 (W)	25	0	0	2
	D - Red Hill Lane	0	33	4	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/TS)	Total Junction Arrivals (PCU)
B-ACD	0.41	25.49	0.7	D	19.00	114.00
A-BCD	0.09	4.95	0.2	A	4.24	25.45
A-B					2.48	14.86
A-C					189.12	1134.69
D-ABC	0.91	123.77	4.9	F	30.50	183.00
C-ABD	0.36	5.18	1.7	A	69.43	416.56
C-D					37.34	224.02
C-A					177.74	1066.42

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	13.00	13.00	68.92	0.189	12.76	0.0	0.2	17.014	C
A-BCD	0.00	0.00	81.77	0.000	0.00	0.0	0.0	0.000	A
A-B	1.00	1.00			1.00				
A-C	170.00	170.00			170.00				
D-ABC	21.00	21.00	43.66	0.481	20.10	0.0	0.9	38.934	E
C-ABD	66.48	66.48	350.13	0.190	65.81	0.0	0.7	3.437	A
C-D	46.99	46.99			46.99				
C-A	202.53	202.53			202.53				

07:30 - 07:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	25.00	25.00	61.37	0.407	24.55	0.2	0.7	25.489	D
A-BCD	20.99	20.99	244.60	0.086	20.79	0.0	0.2	4.946	A
A-B	0.91	0.91			0.91				
A-C	180.09	180.09			180.09				
D-ABC	15.00	15.00	38.46	0.390	15.19	0.9	0.7	40.865	E
C-ABD	102.32	102.32	337.65	0.303	101.53	0.7	1.5	4.207	A
C-D	37.59	37.59			37.59				
C-A	167.09	167.09			167.09				

07:45 - 08:00

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	20.00	20.00	79.15	0.253	20.34	0.7	0.4	15.848	C
A-BCD	0.18	0.18	257.24	0.001	0.38	0.2	0.0	4.312	A
A-B	4.00	4.00			4.00				
A-C	206.83	206.83			206.83				
D-ABC	34.00	34.00	40.20	0.846	31.51	0.7	3.2	85.465	F
C-ABD	46.66	46.66	333.08	0.140	47.71	1.5	0.4	3.541	A
C-D	44.66	44.66			44.66				
C-A	202.68	202.68			202.68				

08:00 - 08:15

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	18.00	18.00	90.49	0.199	18.10	0.4	0.3	12.451	B
A-BCD	0.00	0.00	97.30	0.000	0.00	0.0	0.0	0.000	A
A-B	3.00	3.00			3.00				
A-C	185.00	185.00			185.00				
D-ABC	43.00	43.00	56.66	0.759	42.87	3.2	3.3	75.434	F
C-ABD	49.82	49.82	299.71	0.166	49.68	0.4	0.5	4.061	A
C-D	35.84	35.84			35.84				
C-A	163.35	163.35			163.35				

08:15 - 08:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	21.00	21.00	63.00	0.333	20.77	0.3	0.5	21.194	C
A-BCD	0.00	0.00	92.09	0.000	0.00	0.0	0.0	0.000	A
A-B	3.00	3.00			3.00				
A-C	219.00	219.00			219.00				
D-ABC	39.00	39.00	42.95	0.908	37.43	3.3	4.9	123.774	F
C-ABD	107.36	107.36	302.07	0.355	106.24	0.5	1.7	5.175	A
C-D	21.89	21.89			21.89				
C-A	137.75	137.75			137.75				

08:30 - 08:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	17.00	17.00	82.84	0.205	17.22	0.5	0.3	14.020	B
A-BCD	4.28	4.28	234.82	0.018	4.26	0.0	0.0	4.442	A
A-B	2.95	2.95			2.95				
A-C	173.77	173.77			173.77				
D-ABC	31.00	31.00	49.09	0.632	33.54	4.9	2.4	74.973	F
C-ABD	43.92	43.92	321.12	0.137	45.19	1.7	0.4	3.684	A
C-D	37.05	37.05			37.05				
C-A	193.02	193.02			193.02				

Existing Layout - 2022 Base, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Arm D Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Red Hill Lane / A635 / Hickleton Road Crossroads	Crossroads	Two-way	Two-way	Two-way	Two-way		5.87	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	5.87	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically
D2	2022 Base	PM	DIRECT	16:15	17:45	90	15	✓

Vehicle mix varies over time	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	✓	✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Scaling Factor (%)
A - A635 (E)		DIRECT	✓	100.000
B - Hickleton Road		DIRECT	✓	100.000
C - A635 (W)		DIRECT	✓	100.000
D - Red Hill Lane		DIRECT	✓	100.000

Origin-Destination Data

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:15 - 16:30	From	A - A635 (E)	0.00	3.00	239.00	0.00
	From	B - Hickleton Road	2.00	0.00	16.00	3.00
	From	C - A635 (W)	174.00	17.00	0.00	33.00
	From	D - Red Hill Lane	0.00	2.00	20.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:30 - 16:45	From	A - A635 (E)	0.00	2.00	251.00	2.00
	From	B - Hickleton Road	5.00	0.00	13.00	7.00
	From	C - A635 (W)	164.00	18.00	0.00	34.00
	From	D - Red Hill Lane	0.00	9.00	21.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:45 - 17:00	From	A - A635 (E)	0.00	6.00	216.00	1.00
		B - Hickleton Road	1.00	0.00	13.00	8.00
		C - A635 (W)	153.00	16.00	0.00	36.00
		D - Red Hill Lane	2.00	14.00	18.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:00 - 17:15	From	A - A635 (E)	0.00	3.00	229.00	0.00
		B - Hickleton Road	4.00	0.00	9.00	8.00
		C - A635 (W)	180.00	20.00	0.00	42.00
		D - Red Hill Lane	2.00	8.00	19.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:15 - 17:30	From	A - A635 (E)	0.00	6.00	233.00	1.00
		B - Hickleton Road	2.00	0.00	13.00	5.00
		C - A635 (W)	187.00	22.00	0.00	40.00
		D - Red Hill Lane	0.00	9.00	26.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:30 - 17:45	From	A - A635 (E)	0.00	3.00	211.00	0.00
		B - Hickleton Road	2.00	0.00	13.00	10.00
		C - A635 (W)	158.00	12.00	0.00	37.00
		D - Red Hill Lane	0.00	3.00	12.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:15 - 16:30	From	A - A635 (E)	0	50	12	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	10	13	0	3
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:30 - 16:45	From	A - A635 (E)	0	0	7	100
		B - Hickleton Road	25	0	8	29
		C - A635 (W)	10	6	0	3
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:45 - 17:00	From	A - A635 (E)	0	0	6	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	9	7	0	3
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:00 - 17:15	From	A - A635 (E)	0	0	11	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	5	0	0	2
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:15 - 17:30	From	A - A635 (E)	0	0	8	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	7	0	0	3
		D - Red Hill Lane	0	13	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:30 - 17:45	From	A - A635 (E)	0	0	7	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	8	0	0	3
		D - Red Hill Lane	0	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/TS)	Total Junction Arrivals (PCU)
B-ACD	0.41	25.06	0.7	D	22.33	134.00
A-BCD	0.04	3.73	0.1	A	4.09	24.57
A-B					3.78	22.67
A-C					226.46	1358.76
D-ABC	0.78	72.18	2.7	F	27.50	165.00
C-ABD	0.39	5.44	1.7	A	77.59	465.54
C-D					26.27	157.59
C-A					119.98	719.86

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	21.00	21.00	85.03	0.247	20.68	0.0	0.3	13.920	B
A-BCD	0.00	0.00	102.60	0.000	0.00	0.0	0.0	0.000	A
A-B	3.00	3.00			3.00				
A-C	239.00	239.00			239.00				
D-ABC	22.00	22.00	49.13	0.448	21.24	0.0	0.8	31.499	D
C-ABD	73.99	73.99	268.75	0.275	72.89	0.0	1.1	5.051	A
C-D	23.91	23.91			23.91				
C-A	126.09	126.09			126.09				

16:30 - 16:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	25.00	25.00	61.60	0.406	24.64	0.3	0.7	25.055	D
A-BCD	13.10	13.10	298.57	0.044	13.03	0.0	0.1	3.628	A
A-B	1.91	1.91			1.91				
A-C	239.98	239.98			239.98				
D-ABC	30.00	30.00	48.80	0.615	29.33	0.8	1.4	44.724	E
C-ABD	76.55	76.55	260.58	0.294	76.47	1.1	1.2	5.378	A
C-D	23.95	23.95			23.95				
C-A	115.51	115.51			115.51				

16:45 - 17:00

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	22.00	22.00	79.00	0.278	22.24	0.7	0.4	17.728	C
A-BCD	5.15	5.15	276.20	0.019	5.19	0.1	0.0	3.725	A
A-B	5.89	5.89			5.89				
A-C	211.97	211.97			211.97				
D-ABC	34.00	34.00	60.70	0.560	34.09	1.4	1.3	34.041	D
C-ABD	60.60	60.60	258.88	0.234	60.91	1.2	0.9	4.942	A
C-D	27.50	27.50			27.50				
C-A	116.89	116.89			116.89				

17:00 - 17:15

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	21.00	21.00	59.14	0.355	20.91	0.4	0.5	23.477	C
A-BCD	0.00	0.00	97.81	0.000	0.03	0.0	0.0	0.000	A
A-B	3.00	3.00			3.00				
A-C	229.00	229.00			229.00				
D-ABC	29.00	29.00	50.49	0.574	29.00	1.3	1.3	41.847	E
C-ABD	95.95	95.95	281.78	0.341	95.41	0.9	1.4	5.144	A
C-D	27.63	27.63			27.63				
C-A	118.42	118.42			118.42				

17:15 - 17:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	20.00	20.00	69.11	0.289	20.11	0.5	0.4	18.417	C
A-BCD	6.32	6.32	283.93	0.022	6.29	0.0	0.0	3.423	A
A-B	5.87	5.87			5.87				
A-C	227.81	227.81			227.81				
D-ABC	35.00	35.00	44.77	0.782	33.68	1.3	2.7	72.183	F
C-ABD	111.44	111.44	284.71	0.391	111.16	1.4	1.7	5.441	A
C-D	24.24	24.24			24.24				
C-A	113.32	113.32			113.32				

17:30 - 17:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	25.00	25.00	77.70	0.322	24.95	0.4	0.5	17.043	C
A-BCD	0.00	0.00	106.68	0.000	0.03	0.0	0.0	0.000	A
A-B	3.00	3.00			3.00				
A-C	211.00	211.00			211.00				
D-ABC	15.00	15.00	58.03	0.259	17.28	2.7	0.4	23.881	C
C-ABD	47.01	47.01	265.07	0.177	48.11	1.7	0.6	4.391	A
C-D	30.36	30.36			30.36				
C-A	129.63	129.63			129.63				

Existing Layout - 2028 Do Minimum, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Arm D Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Red Hill Lane / A635 / Hickleton Road Crossroads	Crossroads	Two-way	Two-way	Two-way	Two-way		37.73	E

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	37.73	E

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically
D3	2028 Do Minimum	AM	DIRECT	07:15	08:45	90	15	✓

Vehicle mix varies over time	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	✓	✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Scaling Factor (%)
A - A635 (E)		DIRECT	✓	100.000
B - Hickleton Road		DIRECT	✓	100.000
C - A635 (W)		DIRECT	✓	100.000
D - Red Hill Lane		DIRECT	✓	100.000

Origin-Destination Data

Demand (PCU/TS)

		To			
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane
07:15 - 07:30	From				
	A - A635 (E)	0.00	1.00	187.00	0.00
	B - Hickleton Road	1.00	0.00	7.00	8.00
	C - A635 (W)	282.00	9.00	0.00	62.00
	D - Red Hill Lane	1.00	4.00	17.00	0.00

Demand (PCU/TS)

		To			
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane
07:30 - 07:45	From				
	A - A635 (E)	0.00	1.00	216.00	4.00
	B - Hickleton Road	3.00	0.00	13.00	11.00
	C - A635 (W)	272.00	14.00	0.00	57.00
	D - Red Hill Lane	1.00	6.00	9.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:45 - 08:00	From	A - A635 (E)	0.00	4.00	226.00	0.00
		B - Hickleton Road	2.00	0.00	15.00	6.00
		C - A635 (W)	268.00	7.00	0.00	55.00
		D - Red Hill Lane	2.00	3.00	31.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:00 - 08:15	From	A - A635 (E)	0.00	3.00	203.00	0.00
		B - Hickleton Road	3.00	0.00	13.00	4.00
		C - A635 (W)	228.00	11.00	0.00	46.00
		D - Red Hill Lane	4.00	5.00	36.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:15 - 08:30	From	A - A635 (E)	0.00	3.00	238.00	0.00
		B - Hickleton Road	2.00	0.00	12.00	9.00
		C - A635 (W)	246.00	21.00	0.00	36.00
		D - Red Hill Lane	2.00	7.00	32.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:30 - 08:45	From	A - A635 (E)	0.00	3.00	195.00	1.00
		B - Hickleton Road	3.00	0.00	11.00	5.00
		C - A635 (W)	256.00	8.00	0.00	46.00
		D - Red Hill Lane	1.00	4.00	27.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:15 - 07:30	From	A - A635 (E)	0	0	14	0
		B - Hickleton Road	0	0	0	12
		C - A635 (W)	9	0	0	9
		D - Red Hill Lane	0	0	6	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:30 - 07:45	From	A - A635 (E)	0	0	19	33
		B - Hickleton Road	0	0	0	10
		C - A635 (W)	13	8	0	4
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:45 - 08:00	From	A - A635 (E)	0	0	16	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	15	0	0	4
		D - Red Hill Lane	0	0	19	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:00 - 08:15	From	A - A635 (E)	0	0	16	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	13	10	0	7
		D - Red Hill Lane	33	0	6	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:15 - 08:30	From	A - A635 (E)	0	0	15	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	14	0	0	3
		D - Red Hill Lane	100	17	10	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:30 - 08:45	From	A - A635 (E)	0	0	18	0
		B - Hickleton Road	51	0	0	0
		C - A635 (W)	22	0	0	2
		D - Red Hill Lane	0	33	4	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/TS)	Total Junction Arrivals (PCU)
B-ACD	0.57	42.63	1.2	E	21.33	128.00
A-BCD	0.10	4.74	0.3	A	5.34	32.06
A-B					2.47	14.83
A-C					206.35	1238.11
D-ABC	1.37	643.54	26.5	F	32.00	192.00
C-ABD	0.49	6.09	3.0	A	109.22	655.31
C-D					34.69	208.12
C-A					176.76	1060.56

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	16.00	16.00	55.40	0.289	15.59	0.0	0.4	23.654	C
A-BCD	0.00	0.00	72.93	0.000	0.00	0.0	0.0	0.000	A
A-B	1.00	1.00			1.00				
A-C	187.00	187.00			187.00				
D-ABC	22.00	22.00	30.89	0.712	20.06	0.0	1.9	77.591	F
C-ABD	110.95	110.95	374.37	0.296	109.40	0.0	1.5	3.684	A
C-D	43.63	43.63			43.63				
C-A	198.43	198.43			198.43				

07:30 - 07:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	27.00	27.00	47.63	0.567	26.17	0.4	1.2	42.632	E
A-BCD	26.53	26.53	255.53	0.104	26.26	0.0	0.3	4.742	A
A-B	0.90	0.90			0.90				
A-C	193.57	193.57			193.57				
D-ABC	16.00	16.00	24.95	0.641	16.08	1.9	1.9	107.090	F
C-ABD	160.28	160.28	362.19	0.443	159.19	1.5	2.6	4.889	A
C-D	31.66	31.66			31.66				
C-A	151.06	151.06			151.06				

07:45 - 08:00

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	23.00	23.00	60.24	0.382	23.58	1.2	0.7	25.706	D
A-BCD	0.24	0.24	268.28	0.001	0.51	0.3	0.0	4.064	A
A-B	4.00	4.00			4.00				
A-C	225.76	225.76			225.76				
D-ABC	36.00	36.00	26.63	1.352	26.02	1.9	11.8	263.929	F
C-ABD	78.79	78.79	357.95	0.220	80.48	2.6	1.0	3.644	A
C-D	42.78	42.78			42.78				
C-A	208.44	208.44			208.44				

08:00 - 08:15

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	20.00	20.00	76.17	0.263	20.30	0.7	0.4	16.192	C
A-BCD	0.00	0.00	88.56	0.000	0.00	0.0	0.0	0.000	A
A-B	3.00	3.00			3.00				
A-C	203.00	203.00			203.00				
D-ABC	45.00	45.00	43.49	1.035	41.72	11.8	15.1	350.062	F
C-ABD	73.90	73.90	323.15	0.229	73.86	1.0	1.0	4.051	A
C-D	35.44	35.44			35.44				
C-A	175.66	175.66			175.66				

08:15 - 08:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	23.00	23.00	47.83	0.481	22.50	0.4	0.9	34.877	D
A-BCD	0.00	0.00	83.28	0.000	0.00	0.0	0.0	0.000	A
A-B	3.00	3.00			3.00				
A-C	238.00	238.00			238.00				
D-ABC	41.00	41.00	29.87	1.373	29.65	15.1	26.5	623.460	F
C-ABD	161.08	161.08	325.42	0.495	159.08	1.0	3.0	6.086	A
C-D	18.12	18.12			18.12				
C-A	123.80	123.80			123.80				

08:30 - 08:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	19.00	19.00	68.06	0.279	19.46	0.9	0.4	18.948	C
A-BCD	5.29	5.29	244.17	0.022	5.26	0.0	0.0	4.292	A
A-B	2.94	2.94			2.94				
A-C	190.78	190.78			190.78				
D-ABC	32.00	32.00	36.37	0.880	35.29	26.5	23.2	643.543	F
C-ABD	70.32	70.32	345.26	0.204	72.50	3.0	0.8	3.716	A
C-D	36.51	36.51			36.51				
C-A	203.17	203.17			203.17				

Existing Layout - 2028 Do Minimum, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Arm D Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Red Hill Lane / A635 / Hickleton Road Crossroads	Crossroads	Two-way	Two-way	Two-way	Two-way		15.76	C

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	15.76	C

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically
D4	2028 Do Minimum	PM	DIRECT	16:15	17:45	90	15	✓

Vehicle mix varies over time	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	✓	✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Scaling Factor (%)
A - A635 (E)		DIRECT	✓	100.000
B - Hickleton Road		DIRECT	✓	100.000
C - A635 (W)		DIRECT	✓	100.000
D - Red Hill Lane		DIRECT	✓	100.000

Origin-Destination Data

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:15 - 16:30	From	A - A635 (E)	0.00	4.00	270.00	0.00
	From	B - Hickleton Road	2.00	0.00	17.00	3.00
	From	C - A635 (W)	195.00	18.00	0.00	35.00
	From	D - Red Hill Lane	0.00	2.00	23.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:30 - 16:45	From	A - A635 (E)	0.00	3.00	283.00	2.00
	From	B - Hickleton Road	5.00	0.00	14.00	7.00
	From	C - A635 (W)	185.00	19.00	0.00	36.00
	From	D - Red Hill Lane	0.00	9.00	24.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:45 - 17:00	From	A - A635 (E)	0.00	7.00	247.00	1.00
		B - Hickleton Road	1.00	0.00	14.00	8.00
		C - A635 (W)	173.00	17.00	0.00	38.00
		D - Red Hill Lane	2.00	14.00	21.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:00 - 17:15	From	A - A635 (E)	0.00	4.00	259.00	0.00
		B - Hickleton Road	5.00	0.00	10.00	8.00
		C - A635 (W)	201.00	21.00	0.00	44.00
		D - Red Hill Lane	2.00	9.00	22.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:15 - 17:30	From	A - A635 (E)	0.00	7.00	264.00	1.00
		B - Hickleton Road	2.00	0.00	14.00	5.00
		C - A635 (W)	208.00	23.00	0.00	42.00
		D - Red Hill Lane	0.00	9.00	29.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:30 - 17:45	From	A - A635 (E)	0.00	4.00	241.00	0.00
		B - Hickleton Road	2.00	0.00	14.00	10.00
		C - A635 (W)	178.00	13.00	0.00	39.00
		D - Red Hill Lane	0.00	3.00	15.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:15 - 16:30	From	A - A635 (E)	0	34	11	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	9	12	0	3
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:30 - 16:45	From	A - A635 (E)	0	0	6	100
		B - Hickleton Road	23	0	8	28
		C - A635 (W)	9	5	0	3
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:45 - 17:00	From	A - A635 (E)	0	0	6	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	8	6	0	3
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:00 - 17:15	From	A - A635 (E)	0	0	10	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	4	0	0	2
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:15 - 17:30	From	A - A635 (E)	0	0	7	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	6	0	0	2
		D - Red Hill Lane	0	12	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:30 - 17:45	From	A - A635 (E)	0	0	6	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	7	0	0	3
		D - Red Hill Lane	0	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/TS)	Total Junction Arrivals (PCU)
B-ACD	0.56	41.40	1.2	E	23.50	141.00
A-BCD	0.06	3.40	0.1	A	5.57	33.39
A-B					4.75	28.48
A-C					255.86	1535.13
D-ABC	1.15	238.50	10.4	F	30.67	184.00
C-ABD	0.50	6.26	2.7	A	102.90	617.38
C-D					24.67	148.05
C-A					119.93	719.57

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	22.00	22.00	70.73	0.311	21.56	0.0	0.4	18.136	C
A-BCD	0.00	0.00	96.83	0.000	0.00	0.0	0.0	0.000	A
A-B	4.00	4.00			4.00				
A-C	270.00	270.00			270.00				
D-ABC	25.00	25.00	37.72	0.663	23.37	0.0	1.6	57.819	F
C-ABD	98.11	98.11	281.68	0.348	96.48	0.0	1.6	5.299	A
C-D	22.81	22.81			22.81				
C-A	127.08	127.08			127.08				

16:30 - 16:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	26.00	26.00	46.54	0.559	25.29	0.4	1.2	41.403	E
A-BCD	17.98	17.98	321.79	0.056	17.88	0.0	0.1	3.310	A
A-B	2.83	2.83			2.83				
A-C	267.18	267.18			267.18				
D-ABC	33.00	33.00	36.93	0.894	30.63	1.6	4.0	113.093	F
C-ABD	101.90	101.90	273.78	0.372	101.75	1.6	1.8	5.744	A
C-D	22.50	22.50			22.50				
C-A	115.60	115.60			115.60				

16:45 - 17:00

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	23.00	23.00	65.57	0.351	23.52	1.2	0.6	24.220	C
A-BCD	6.83	6.83	298.14	0.023	6.90	0.1	0.0	3.399	A
A-B	6.84	6.84			6.84				
A-C	241.33	241.33			241.33				
D-ABC	37.00	37.00	48.74	0.759	37.38	4.0	3.6	83.506	F
C-ABD	79.59	79.59	270.89	0.294	80.11	1.8	1.3	5.119	A
C-D	26.73	26.73			26.73				
C-A	121.68	121.68			121.68				

17:00 - 17:15

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	23.00	23.00	44.49	0.517	22.64	0.6	1.0	40.492	E
A-BCD	0.00	0.00	91.94	0.000	0.03	0.0	0.0	0.000	A
A-B	4.00	4.00			4.00				
A-C	259.00	259.00			259.00				
D-ABC	33.00	33.00	38.50	0.857	32.39	3.6	4.2	126.802	F
C-ABD	126.80	126.80	295.26	0.429	125.90	1.3	2.2	5.670	A
C-D	25.00	25.00			25.00				
C-A	114.20	114.20			114.20				

17:15 - 17:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	21.00	21.00	52.78	0.398	21.30	1.0	0.7	28.860	D
A-BCD	8.58	8.58	306.75	0.028	8.54	0.0	0.0	3.183	A
A-B	6.80	6.80			6.80				
A-C	256.61	256.61			256.61				
D-ABC	38.00	38.00	33.15	1.146	31.80	4.2	10.4	238.495	F
C-ABD	147.94	147.94	298.55	0.496	147.40	2.2	2.7	6.259	A
C-D	21.01	21.01			21.01				
C-A	104.05	104.05			104.05				

17:30 - 17:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	26.00	26.00	64.83	0.401	26.01	0.7	0.7	23.204	C
A-BCD	0.00	0.00	100.90	0.000	0.04	0.0	0.0	0.000	A
A-B	4.00	4.00			4.00				
A-C	241.00	241.00			241.00				
D-ABC	18.00	18.00	46.70	0.385	27.74	10.4	0.7	70.609	F
C-ABD	63.04	63.04	277.49	0.227	64.81	2.7	0.9	4.483	A
C-D	30.01	30.01			30.01				
C-A	136.96	136.96			136.96				

Existing Layout - 2028 With Development, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Arm D Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Red Hill Lane / A635 / Hickleton Road Crossroads	Crossroads	Two-way	Two-way	Two-way	Two-way		78.45	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	78.45	F

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically
D5	2028 With Development	AM	DIRECT	07:15	08:45	90	15	✓

Vehicle mix varies over time	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	✓	✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Scaling Factor (%)
A - A635 (E)		DIRECT	✓	100.000
B - Hickleton Road		DIRECT	✓	100.000
C - A635 (W)		DIRECT	✓	100.000
D - Red Hill Lane		DIRECT	✓	100.000

Origin-Destination Data

Demand (PCU/TS)

		To			
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane
07:15 - 07:30	From				
	A - A635 (E)	0.00	1.00	204.00	0.00
	B - Hickleton Road	1.00	0.00	7.00	8.00
	C - A635 (W)	293.00	9.00	0.00	62.00
	D - Red Hill Lane	1.00	4.00	17.00	0.00

Demand (PCU/TS)

		To			
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane
07:30 - 07:45	From				
	A - A635 (E)	0.00	1.00	233.00	4.00
	B - Hickleton Road	3.00	0.00	13.00	11.00
	C - A635 (W)	283.00	14.00	0.00	58.00
	D - Red Hill Lane	1.00	6.00	10.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:45 - 08:00	From	A - A635 (E)	0.00	4.00	243.00	0.00
		B - Hickleton Road	2.00	0.00	15.00	6.00
		C - A635 (W)	279.00	7.00	0.00	55.00
		D - Red Hill Lane	2.00	3.00	31.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:00 - 08:15	From	A - A635 (E)	0.00	3.00	219.00	0.00
		B - Hickleton Road	3.00	0.00	13.00	4.00
		C - A635 (W)	238.00	11.00	0.00	47.00
		D - Red Hill Lane	4.00	5.00	36.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:15 - 08:30	From	A - A635 (E)	0.00	3.00	255.00	0.00
		B - Hickleton Road	2.00	0.00	12.00	9.00
		C - A635 (W)	257.00	21.00	0.00	37.00
		D - Red Hill Lane	2.00	7.00	33.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:30 - 08:45	From	A - A635 (E)	0.00	3.00	212.00	1.00
		B - Hickleton Road	3.00	0.00	11.00	5.00
		C - A635 (W)	266.00	8.00	0.00	47.00
		D - Red Hill Lane	1.00	4.00	28.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:15 - 07:30	From	A - A635 (E)	0	0	16	0
		B - Hickleton Road	0	0	0	12
		C - A635 (W)	10	0	0	9
		D - Red Hill Lane	0	0	6	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:30 - 07:45	From	A - A635 (E)	0	0	20	33
		B - Hickleton Road	0	0	0	10
		C - A635 (W)	14	8	0	4
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:45 - 08:00	From	A - A635 (E)	0	0	17	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	16	0	0	4
		D - Red Hill Lane	0	0	19	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:00 - 08:15	From	A - A635 (E)	0	0	17	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	15	10	0	7
		D - Red Hill Lane	33	0	6	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:15 - 08:30	From	A - A635 (E)	0	0	16	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	15	0	0	3
		D - Red Hill Lane	100	17	10	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:30 - 08:45	From	A - A635 (E)	0	0	19	0
		B - Hickleton Road	51	0	0	0
		C - A635 (W)	24	0	0	2
		D - Red Hill Lane	0	33	4	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/TS)	Total Junction Arrivals (PCU)
B-ACD	0.70	66.83	2.0	F	21.33	128.00
A-BCD	0.12	4.60	0.3	A	6.29	37.75
A-B					2.47	14.81
A-C					222.24	1333.44
D-ABC	1.77	1417.36	47.8	F	32.50	195.00
C-ABD	0.56	6.85	3.9	A	127.31	763.85
C-D					32.83	197.00
C-A					171.86	1031.14

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	16.00	16.00	47.43	0.337	15.49	0.0	0.5	29.340	D
A-BCD	0.00	0.00	70.33	0.000	0.00	0.0	0.0	0.000	A
A-B	1.00	1.00			1.00				
A-C	204.00	204.00			204.00				
D-ABC	22.00	22.00	25.06	0.878	18.83	0.0	3.2	121.630	F
C-ABD	130.72	130.72	381.25	0.343	128.77	0.0	1.9	3.901	A
C-D	40.74	40.74			40.74				
C-A	192.54	192.54			192.54				

07:30 - 07:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	27.00	27.00	38.62	0.699	25.55	0.5	2.0	66.826	F
A-BCD	31.28	31.28	268.31	0.117	30.96	0.0	0.3	4.604	A
A-B	0.88	0.88			0.88				
A-C	205.83	205.83			205.83				
D-ABC	17.00	17.00	18.44	0.922	15.59	3.2	4.6	271.457	F
C-ABD	190.00	190.00	370.20	0.513	188.40	1.9	3.5	5.521	A
C-D	28.06	28.06			28.06				
C-A	136.93	136.93			136.93				

07:45 - 08:00

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	23.00	23.00	50.11	0.459	24.03	2.0	0.9	36.954	E
A-BCD	0.30	0.30	281.11	0.001	0.62	0.3	0.0	3.900	A
A-B	4.00	4.00			4.00				
A-C	242.70	242.70			242.70				
D-ABC	36.00	36.00	20.39	1.765	20.32	4.6	20.3	487.443	F
C-ABD	92.76	92.76	365.57	0.254	95.03	3.5	1.3	3.781	A
C-D	40.88	40.88			40.88				
C-A	207.36	207.36			207.36				

08:00 - 08:15

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	20.00	20.00	67.76	0.295	20.51	0.9	0.4	19.239	C
A-BCD	0.00	0.00	85.88	0.000	0.00	0.0	0.0	0.000	A
A-B	3.00	3.00			3.00				
A-C	219.00	219.00			219.00				
D-ABC	45.00	45.00	37.69	1.194	37.67	20.3	27.6	733.424	F
C-ABD	83.55	83.55	329.77	0.253	83.56	1.3	1.3	4.152	A
C-D	35.04	35.04			35.04				
C-A	177.42	177.42			177.42				

08:15 - 08:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	23.00	23.00	37.97	0.606	22.10	0.4	1.3	53.991	F
A-BCD	0.00	0.00	80.37	0.000	0.00	0.0	0.0	0.000	A
A-B	3.00	3.00			3.00				
A-C	255.00	255.00			255.00				
D-ABC	42.00	42.00	23.80	1.765	23.75	27.6	45.8	1299.497	F
C-ABD	185.32	185.32	332.98	0.557	182.65	1.3	3.9	6.853	A
C-D	16.32	16.32			16.32				
C-A	113.36	113.36			113.36				

08:30 - 08:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	19.00	19.00	58.00	0.328	19.82	1.3	0.5	24.320	C
A-BCD	6.17	6.17	256.58	0.024	6.14	0.0	0.0	4.142	A
A-B	2.93	2.93			2.93				
A-C	206.90	206.90			206.90				
D-ABC	33.00	33.00	30.45	1.084	31.04	45.8	47.8	1417.364	F
C-ABD	81.50	81.50	352.47	0.231	84.40	3.9	1.0	3.830	A
C-D	35.96	35.96			35.96				
C-A	203.54	203.54			203.54				

Existing Layout - 2028 With Development, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Arm D Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Red Hill Lane / A635 / Hickleton Road Crossroads	Crossroads	Two-way	Two-way	Two-way	Two-way		30.28	D

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	30.28	D

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically
D6	2028 With Development	PM	DIRECT	16:15	17:45	90	15	✓

Vehicle mix varies over time	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	✓	✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Scaling Factor (%)
A - A635 (E)		DIRECT	✓	100.000
B - Hickleton Road		DIRECT	✓	100.000
C - A635 (W)		DIRECT	✓	100.000
D - Red Hill Lane		DIRECT	✓	100.000

Origin-Destination Data

Demand (PCU/TS)

		To			
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane
16:15 - 16:30	From				
	A - A635 (E)	0.00	4.00	282.00	0.00
	B - Hickleton Road	2.00	0.00	17.00	3.00
	C - A635 (W)	212.00	18.00	0.00	36.00
	D - Red Hill Lane	0.00	2.00	23.00	0.00

Demand (PCU/TS)

		To			
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane
16:30 - 16:45	From				
	A - A635 (E)	0.00	3.00	294.00	2.00
	B - Hickleton Road	5.00	0.00	14.00	7.00
	C - A635 (W)	202.00	19.00	0.00	36.00
	D - Red Hill Lane	0.00	9.00	24.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:45 - 17:00	From	A - A635 (E)	0.00	7.00	259.00	1.00
		B - Hickleton Road	1.00	0.00	14.00	8.00
		C - A635 (W)	190.00	17.00	0.00	38.00
		D - Red Hill Lane	2.00	14.00	21.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:00 - 17:15	From	A - A635 (E)	0.00	4.00	271.00	0.00
		B - Hickleton Road	5.00	0.00	10.00	8.00
		C - A635 (W)	217.00	21.00	0.00	45.00
		D - Red Hill Lane	2.00	9.00	22.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:15 - 17:30	From	A - A635 (E)	0.00	7.00	276.00	1.00
		B - Hickleton Road	2.00	0.00	14.00	5.00
		C - A635 (W)	225.00	23.00	0.00	42.00
		D - Red Hill Lane	0.00	9.00	29.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:30 - 17:45	From	A - A635 (E)	0.00	4.00	253.00	0.00
		B - Hickleton Road	2.00	0.00	14.00	10.00
		C - A635 (W)	195.00	13.00	0.00	39.00
		D - Red Hill Lane	0.00	3.00	15.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:15 - 16:30	From	A - A635 (E)	0	34	12	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	10	12	0	3
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:30 - 16:45	From	A - A635 (E)	0	0	8	100
		B - Hickleton Road	23	0	8	28
		C - A635 (W)	10	5	0	3
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:45 - 17:00	From	A - A635 (E)	0	0	8	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	10	6	0	3
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:00 - 17:15	From	A - A635 (E)	0	0	12	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	6	0	0	2
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:15 - 17:30	From	A - A635 (E)	0	0	9	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	8	0	0	2
		D - Red Hill Lane	0	12	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:30 - 17:45	From	A - A635 (E)	0	0	8	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	9	0	0	3
		D - Red Hill Lane	0	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/TS)	Total Junction Arrivals (PCU)
B-ACD	0.67	60.51	1.7	F	23.50	141.00
A-BCD	0.06	3.36	0.1	A	6.38	38.25
A-B					4.74	28.41
A-C					266.89	1601.33
D-ABC	1.43	514.60	21.8	F	30.67	184.00
C-ABD	0.56	7.04	3.7	A	120.40	722.38
C-D					23.08	138.49
C-A					121.19	727.12

Main Results for each time segment
16:15 - 16:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	22.00	22.00	62.31	0.353	21.47	0.0	0.5	21.779	C
A-BCD	0.00	0.00	92.57	0.000	0.00	0.0	0.0	0.000	A
A-B	4.00	4.00			4.00				
A-C	282.00	282.00			282.00				
D-ABC	25.00	25.00	31.16	0.802	22.43	0.0	2.6	87.828	F
C-ABD	115.05	115.05	294.00	0.391	112.99	0.0	2.1	5.460	A
C-D	21.91	21.91			21.91				
C-A	129.04	129.04			129.04				

16:30 - 16:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	26.00	26.00	38.58	0.674	24.86	0.5	1.7	60.048	F
A-BCD	20.57	20.57	328.99	0.063	20.45	0.0	0.1	3.295	A
A-B	2.81	2.81			2.81				
A-C	275.62	275.62			275.62				
D-ABC	33.00	33.00	30.48	1.083	28.05	2.6	7.5	197.772	F
C-ABD	118.69	118.69	285.87	0.415	118.50	2.1	2.3	5.967	A
C-D	20.92	20.92			20.92				
C-A	117.39	117.39			117.39				

16:45 - 17:00

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	23.00	23.00	57.81	0.398	23.88	1.7	0.8	30.570	D
A-BCD	7.78	7.78	305.77	0.025	7.86	0.1	0.0	3.362	A
A-B	6.82	6.82			6.82				
A-C	252.40	252.40			252.40				
D-ABC	37.00	37.00	41.79	0.885	37.00	7.5	7.5	188.936	F
C-ABD	92.31	92.31	282.45	0.327	92.99	2.3	1.6	5.216	A
C-D	25.45	25.45			25.45				
C-A	127.24	127.24			127.24				

17:00 - 17:15

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	23.00	23.00	36.54	0.629	22.33	0.8	1.5	60.513	F
A-BCD	0.00	0.00	87.85	0.000	0.04	0.0	0.0	0.000	A
A-B	4.00	4.00			4.00				
A-C	271.00	271.00			271.00				
D-ABC	33.00	33.00	31.92	1.034	30.41	7.5	10.1	309.708	F
C-ABD	148.52	148.52	307.03	0.484	147.27	1.6	2.8	6.131	A
C-D	23.10	23.10			23.10				
C-A	111.38	111.38			111.38				

17:15 - 17:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	21.00	21.00	42.55	0.494	21.41	1.5	1.0	43.403	E
A-BCD	9.90	9.90	314.80	0.031	9.86	0.0	0.0	3.166	A
A-B	6.78	6.78			6.78				
A-C	267.32	267.32			267.32				
D-ABC	38.00	38.00	26.57	1.430	26.35	10.1	21.8	514.602	F
C-ABD	174.32	174.32	310.71	0.561	173.49	2.8	3.7	7.043	A
C-D	18.20	18.20			18.20				
C-A	97.48	97.48			97.48				

17:30 - 17:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	26.00	26.00	57.25	0.454	26.18	1.0	0.9	29.162	D
A-BCD	0.00	0.00	96.66	0.000	0.04	0.0	0.0	0.000	A
A-B	4.00	4.00			4.00				
A-C	253.00	253.00			253.00				
D-ABC	18.00	18.00	40.00	0.450	38.09	21.8	1.7	299.006	F
C-ABD	73.49	73.49	289.33	0.254	75.99	3.7	1.1	4.560	A
C-D	28.92	28.92			28.92				
C-A	144.60	144.60			144.60				

Existing Layout - 2022 Base + Dev, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Arm D Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Red Hill Lane / A635 / Hickleton Road Crossroads	Crossroads	Two-way	Two-way	Two-way	Two-way		14.51	B

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	14.51	B

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically	Relationship type	Relationship
D7	2022 Base + Dev	AM	DIRECT	07:15	08:45	90	15	✓	Simple	D1 + D5 - D3

Vehicle mix varies over time	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	✓	✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Scaling Factor (%)
A - A635 (E)		DIRECT	✓	100.000
B - Hickleton Road		DIRECT	✓	100.000
C - A635 (W)		DIRECT	✓	100.000
D - Red Hill Lane		DIRECT	✓	100.000

Origin-Destination Data

Demand (PCU/TS)

		To			
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane
07:15 - 07:30	From				
	A - A635 (E)	0.00	1.00	187.00	0.00
	B - Hickleton Road	0.00	0.00	6.00	7.00
	C - A635 (W)	261.00	8.00	0.00	58.00
	D - Red Hill Lane	1.00	4.00	16.00	0.00

Demand (PCU/TS)

		To			
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane
07:30 - 07:45	From				
	A - A635 (E)	0.00	1.00	214.00	4.00
	B - Hickleton Road	2.00	0.00	12.00	11.00
	C - A635 (W)	251.00	13.00	0.00	55.00
	D - Red Hill Lane	1.00	6.00	9.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:45 - 08:00	From	A - A635 (E)	0.00	4.00	224.00	0.00
		B - Hickleton Road	1.00	0.00	14.00	5.00
		C - A635 (W)	247.00	6.00	0.00	52.00
		D - Red Hill Lane	2.00	3.00	29.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:00 - 08:15	From	A - A635 (E)	0.00	3.00	201.00	0.00
		B - Hickleton Road	2.00	0.00	12.00	4.00
		C - A635 (W)	206.00	10.00	0.00	44.00
		D - Red Hill Lane	4.00	5.00	34.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:15 - 08:30	From	A - A635 (E)	0.00	3.00	236.00	0.00
		B - Hickleton Road	1.00	0.00	11.00	9.00
		C - A635 (W)	225.00	19.00	0.00	35.00
		D - Red Hill Lane	2.00	7.00	31.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:30 - 08:45	From	A - A635 (E)	0.00	3.00	194.00	1.00
		B - Hickleton Road	2.00	0.00	10.00	5.00
		C - A635 (W)	234.00	7.00	0.00	44.00
		D - Red Hill Lane	1.00	4.00	27.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:15 - 07:30	From	A - A635 (E)	0	0	17	0
		B - Hickleton Road	0	0	0	13
		C - A635 (W)	11	0	0	9
		D - Red Hill Lane	0	0	7	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:30 - 07:45	From	A - A635 (E)	0	0	22	33
		B - Hickleton Road	0	0	0	10
		C - A635 (W)	15	8	0	4
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:45 - 08:00	From	A - A635 (E)	0	0	18	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	18	0	0	4
		D - Red Hill Lane	0	0	20	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:00 - 08:15	From	A - A635 (E)	0	0	18	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	17	11	0	7
		D - Red Hill Lane	33	0	6	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:15 - 08:30	From	A - A635 (E)	0	0	17	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	17	0	0	3
		D - Red Hill Lane	100	17	11	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:30 - 08:45	From	A - A635 (E)	0	0	20	0
		B - Hickleton Road	100	0	0	0
		C - A635 (W)	27	0	0	2
		D - Red Hill Lane	0	33	4	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/TS)	Total Junction Arrivals (PCU)
B-ACD	0.47	32.35	0.9	D	19.00	114.00
A-BCD	0.10	4.78	0.2	A	4.94	29.66
A-B					2.47	14.84
A-C					205.25	1231.50
D-ABC	1.08	226.97	9.7	F	31.00	186.00
C-ABD	0.39	5.44	2.0	A	78.95	473.71
C-D					36.67	220.02
C-A					180.21	1081.26

Main Results for each time segment
07:15 - 07:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	13.00	13.00	61.37	0.212	12.72	0.0	0.3	19.617	C
A-BCD	0.00	0.00	79.17	0.000	0.00	0.0	0.0	0.000	A
A-B	1.00	1.00			1.00				
A-C	187.00	187.00			187.00				
D-ABC	21.00	21.00	37.87	0.555	19.84	0.0	1.2	49.944	E
C-ABD	76.00	76.00	356.53	0.213	75.15	0.0	0.8	3.505	A
C-D	45.64	45.64			45.64				
C-A	205.37	205.37			205.37				

07:30 - 07:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	25.00	25.00	53.23	0.470	24.40	0.3	0.9	32.353	D
A-BCD	24.50	24.50	256.96	0.095	24.26	0.0	0.2	4.778	A
A-B	0.90	0.90			0.90				
A-C	193.60	193.60			193.60				
D-ABC	16.00	16.00	32.12	0.498	16.07	1.2	1.1	59.454	F
C-ABD	117.77	117.77	344.99	0.341	116.83	0.8	1.8	4.392	A
C-D	36.17	36.17			36.17				
C-A	165.06	165.06			165.06				

07:45 - 08:00

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	20.00	20.00	70.66	0.283	20.46	0.9	0.4	18.647	C
A-BCD	0.21	0.21	269.67	0.001	0.45	0.2	0.0	4.131	A
A-B	4.00	4.00			4.00				
A-C	223.79	223.79			223.79				
D-ABC	34.00	34.00	34.24	0.993	30.02	1.1	5.1	129.357	F
C-ABD	53.28	53.28	339.79	0.157	54.56	1.8	0.5	3.576	A
C-D	43.78	43.78			43.78				
C-A	207.94	207.94			207.94				

08:00 - 08:15

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	18.00	18.00	83.45	0.216	18.14	0.4	0.3	13.810	B
A-BCD	0.00	0.00	94.67	0.000	0.00	0.0	0.0	0.000	A
A-B	3.00	3.00			3.00				
A-C	201.00	201.00			201.00				
D-ABC	43.00	43.00	51.08	0.842	42.79	5.1	5.3	120.582	F
C-ABD	55.51	55.51	305.71	0.182	55.37	0.5	0.7	4.105	A
C-D	35.99	35.99			35.99				
C-A	168.50	168.50			168.50				

08:15 - 08:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	21.00	21.00	54.82	0.383	20.69	0.3	0.6	26.128	D
A-BCD	0.00	0.00	89.23	0.000	0.00	0.0	0.0	0.000	A
A-B	3.00	3.00			3.00				
A-C	236.00	236.00			236.00				
D-ABC	40.00	40.00	36.96	1.082	35.55	5.3	9.7	226.966	F
C-ABD	121.52	121.52	309.02	0.393	120.12	0.7	2.0	5.441	A
C-D	21.20	21.20			21.20				
C-A	136.28	136.28			136.28				

08:30 - 08:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	17.00	17.00	75.06	0.227	17.29	0.6	0.3	15.934	C
A-BCD	4.95	4.95	246.86	0.020	4.92	0.0	0.0	4.285	A
A-B	2.94	2.94			2.94				
A-C	190.11	190.11			190.11				
D-ABC	32.00	32.00	43.40	0.737	36.99	9.7	4.7	173.227	F
C-ABD	49.64	49.64	327.44	0.152	51.21	2.0	0.5	3.723	A
C-D	37.25	37.25			37.25				
C-A	198.11	198.11			198.11				

Existing Layout - 2022 Base + Dev, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Arm D Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Red Hill Lane / A635 / Hickleton Road Crossroads	Crossroads	Two-way	Two-way	Two-way	Two-way		8.23	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	8.23	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically	Relationship type	Relationship
D8	2022 Base + Dev	PM	DIRECT	16:15	17:45	90	15	✓	Simple	D2 + D6 - D4

Vehicle mix varies over time	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	✓	✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Scaling Factor (%)
A - A635 (E)		DIRECT	✓	100.000
B - Hickleton Road		DIRECT	✓	100.000
C - A635 (W)		DIRECT	✓	100.000
D - Red Hill Lane		DIRECT	✓	100.000

Origin-Destination Data

Demand (PCU/TS)

		To			
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane
16:15 - 16:30	From				
	A - A635 (E)	0.00	3.00	251.00	0.00
	B - Hickleton Road	2.00	0.00	16.00	3.00
	C - A635 (W)	191.00	17.00	0.00	34.00
	D - Red Hill Lane	0.00	2.00	20.00	0.00

Demand (PCU/TS)

		To			
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane
16:30 - 16:45	From				
	A - A635 (E)	0.00	2.00	262.00	2.00
	B - Hickleton Road	5.00	0.00	13.00	7.00
	C - A635 (W)	181.00	18.00	0.00	34.00
	D - Red Hill Lane	0.00	9.00	21.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:45 - 17:00	From	A - A635 (E)	0.00	6.00	228.00	1.00
		B - Hickleton Road	1.00	0.00	13.00	8.00
		C - A635 (W)	170.00	16.00	0.00	36.00
		D - Red Hill Lane	2.00	14.00	18.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:00 - 17:15	From	A - A635 (E)	0.00	3.00	241.00	0.00
		B - Hickleton Road	4.00	0.00	9.00	8.00
		C - A635 (W)	196.00	20.00	0.00	43.00
		D - Red Hill Lane	2.00	8.00	19.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:15 - 17:30	From	A - A635 (E)	0.00	6.00	245.00	1.00
		B - Hickleton Road	2.00	0.00	13.00	5.00
		C - A635 (W)	204.00	22.00	0.00	40.00
		D - Red Hill Lane	0.00	9.00	26.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:30 - 17:45	From	A - A635 (E)	0.00	3.00	223.00	0.00
		B - Hickleton Road	2.00	0.00	13.00	10.00
		C - A635 (W)	175.00	12.00	0.00	37.00
		D - Red Hill Lane	0.00	3.00	12.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:15 - 16:30	From	A - A635 (E)	0	50	13	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	11	13	0	3
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:30 - 16:45	From	A - A635 (E)	0	0	9	100
		B - Hickleton Road	25	0	8	29
		C - A635 (W)	11	6	0	3
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
16:45 - 17:00	From	A - A635 (E)	0	0	8	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	11	7	0	3
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:00 - 17:15	From	A - A635 (E)	0	0	13	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	7	0	0	2
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:15 - 17:30	From	A - A635 (E)	0	0	10	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	9	0	0	3
		D - Red Hill Lane	0	13	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
17:30 - 17:45	From	A - A635 (E)	0	0	9	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	10	0	0	3
		D - Red Hill Lane	0	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/TS)	Total Junction Arrivals (PCU)
B-ACD	0.46	30.27	0.8	D	22.33	134.00
A-BCD	0.05	3.68	0.1	A	4.63	27.76
A-B					3.77	22.63
A-C					237.77	1426.61
D-ABC	0.92	116.81	4.4	F	27.50	165.00
C-ABD	0.44	5.75	2.2	A	89.69	538.16
C-D					25.30	151.80
C-A					126.01	756.04

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	21.00	21.00	78.10	0.269	20.64	0.0	0.4	15.570	C
A-BCD	0.00	0.00	98.34	0.000	0.00	0.0	0.0	0.000	A
A-B	3.00	3.00			3.00				
A-C	251.00	251.00			251.00				
D-ABC	22.00	22.00	42.58	0.517	21.02	0.0	1.0	40.205	E
C-ABD	85.85	85.85	280.55	0.306	84.50	0.0	1.3	5.077	A
C-D	23.60	23.60			23.60				
C-A	132.55	132.55			132.55				

16:30 - 16:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	25.00	25.00	54.72	0.457	24.54	0.4	0.8	30.268	D
A-BCD	14.77	14.77	305.34	0.048	14.69	0.0	0.1	3.602	A
A-B	1.90	1.90			1.90				
A-C	249.33	249.33			249.33				
D-ABC	30.00	30.00	42.42	0.707	28.99	1.0	2.0	62.610	F
C-ABD	88.20	88.20	272.03	0.324	88.10	1.3	1.4	5.432	A
C-D	22.90	22.90			22.90				
C-A	121.91	121.91			121.91				

16:45 - 17:00

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	22.00	22.00	72.24	0.305	22.31	0.8	0.5	20.266	C
A-BCD	5.80	5.80	283.40	0.020	5.85	0.1	0.0	3.684	A
A-B	5.88	5.88			5.88				
A-C	223.33	223.33			223.33				
D-ABC	34.00	34.00	54.01	0.630	34.16	2.0	1.8	46.004	E
C-ABD	69.57	69.57	269.80	0.258	69.96	1.4	1.1	4.950	A
C-D	26.64	26.64			26.64				
C-A	125.79	125.79			125.79				

17:00 - 17:15

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	21.00	21.00	52.15	0.403	20.86	0.5	0.6	28.616	D
A-BCD	0.00	0.00	93.75	0.000	0.03	0.0	0.0	0.000	A
A-B	3.00	3.00			3.00				
A-C	241.00	241.00			241.00				
D-ABC	29.00	29.00	43.97	0.660	28.97	1.8	1.9	59.484	F
C-ABD	111.02	111.02	292.97	0.379	110.31	1.1	1.8	5.339	A
C-D	26.62	26.62			26.62				
C-A	121.35	121.35			121.35				

17:15 - 17:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	20.00	20.00	61.26	0.326	20.14	0.6	0.5	21.971	C
ABCD	7.19	7.19	291.56	0.025	7.16	0.0	0.0	3.404	A
AB	5.85	5.85			5.85				
AC	238.96	238.96			238.96				
D-ABC	35.00	35.00	38.23	0.916	32.49	1.9	4.4	116.809	F
C-ABD	129.42	129.42	296.15	0.437	129.03	1.8	2.2	5.751	A
C-D	22.39	22.39			22.39				
C-A	114.19	114.19			114.19				

17:30 - 17:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	25.00	25.00	71.06	0.352	24.97	0.5	0.5	19.508	C
ABCD	0.00	0.00	102.56	0.000	0.03	0.0	0.0	0.000	A
AB	3.00	3.00			3.00				
AC	223.00	223.00			223.00				
D-ABC	15.00	15.00	51.47	0.291	18.92	4.4	0.4	31.602	D
C-ABD	54.09	54.09	276.07	0.196	55.51	2.2	0.7	4.399	A
C-D	29.65	29.65			29.65				
C-A	140.25	140.25			140.25				

Junctions 10
PICADY 10 - Priority Intersection Module
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Filename: 2023-11-30_A635_Red Hill_Proposed Stagger.j10
Path: G:\Shared drives\Jobs3000\3465 Employment Site at Goldthorpe\Junction Models\A635_Red Hill
Report generation date: 30/11/2023 16:00:41

«Proposed Layout - 2028 With Development, AM

- »Junction Network
- »Arms
- »Traffic Demand
- »Origin-Destination Data
- »Vehicle Mix
- »Results

Summary of junction performance

	AM				PM			
	Queue (PCU)	Delay (s)	RFC	Junction Delay (s)	Queue (PCU)	Delay (s)	RFC	Junction Delay (s)
Proposed Layout - 2028 With Development								
Stream B-ACD	8.1	264.98	1.34	47.77	4.3	173.10	1.00	18.88
Stream A-BCD	0.1	15.96	0.05		0.0	17.26	0.02	
Stream D-ABC	26.8	728.22	1.39		9.8	226.78	1.12	
Stream C-ABD	0.3	11.38	0.20		0.3	12.50	0.23	

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle. Junction LOS and Junction Delay are demand-weighted averages.

File summary

File Description

Title	Proposed A635-Red Hill Lane Stagger
Location	
Site number	
Date	16/11/2023
Version	
Status	Proposed
Identifier	
Client	Equites Newlands (Goldthorpe) Ltd
Jobnumber	
Enumerator	Fore Consulting Limited
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	PCU	PCU	perTimeSegment	s	-Min	perMin

Analysis Options

Vehicle length (m)	Calculate Queue Percentiles	Calculate detailed queueing delay	Show lane queues in feet / metres	Show all PICADY stream intercepts	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)	Use iterations with HCM roundabouts	Max number of iterations for roundabouts
5.75						0.85	36.00	20.00		500

Analysis Set Details

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

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically
D5	2028 With Development	AM	DIRECT	07:15	08:45	90	15	✓

Proposed Layout - 2028 With Development, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Arm D Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Right-Left Stagger	Two-way	Two-way	Two-way	Two-way		47.77	E

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	47.77	E

Arms

Arms

Arm	Name	Description	Arm type
A	A635 (E)		Major
B	Hickleton Road		Minor
C	A635 (W)		Major
D	Red Hill Lane		Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right-turn storage	Width for right-turn storage (m)	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
A - A635 (E)	6.50		✓	3.00	95.0	✓	4.35
C - A635 (W)	6.50		✓	3.00	250.0	✓	4.35

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

Minor Arm Geometry

Arm	Minor arm type	Lane width (m)	Visibility to left (m)	Visibility to right (m)
B - Hickleton Road	One lane	4.20	20	75
D - Red Hill Lane	One lane	4.40	80	25

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Stream	Intercept (PCU/TS)	Slope for A-B	Slope for A-C	Slope for A-D	Slope for B-A	Slope for B-D	Slope for C-A	Slope for C-B	Slope for C-D	Slope for D-B	Slope for D-C
A-D	170.936	-	-	-	0.259	0.259	0.259	-	0.259	-	-
B-AD	145.840	0.104	0.263	-	-	-	0.165	0.375	0.165	0.104	0.263
B-C	187.946	0.113	0.285	-	-	-	-	-	-	0.113	0.285
C-B	195.330	0.296	0.296	-	-	-	-	-	-	0.296	0.296
D-A	182.334	-	-	-	0.276	0.109	0.276	-	0.109	-	-
D-BC	147.009	0.167	0.167	0.378	0.265	0.105	0.265	-	0.105	-	-

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

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

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

Traffic Demand

Vehicle mix varies over time	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	✓	✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Scaling Factor (%)
A - A635 (E)		DIRECT	✓	100.000
B - Hickleton Road		DIRECT	✓	100.000
C - A635 (W)		DIRECT	✓	100.000
D - Red Hill Lane		DIRECT	✓	100.000

Origin-Destination Data

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:15 - 07:30	From	A - A635 (E)	0.00	1.00	204.00	0.00
		B - Hickleton Road	1.00	0.00	7.00	8.00
		C - A635 (W)	293.00	9.00	0.00	62.00
		D - Red Hill Lane	1.00	4.00	17.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:30 - 07:45	From	A - A635 (E)	0.00	1.00	233.00	4.00
		B - Hickleton Road	3.00	0.00	13.00	11.00
		C - A635 (W)	283.00	14.00	0.00	58.00
		D - Red Hill Lane	1.00	6.00	10.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:45 - 08:00	From	A - A635 (E)	0.00	4.00	243.00	0.00
		B - Hickleton Road	2.00	0.00	15.00	6.00
		C - A635 (W)	279.00	7.00	0.00	55.00
		D - Red Hill Lane	2.00	3.00	31.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:00 - 08:15	From	A - A635 (E)	0.00	3.00	219.00	0.00
		B - Hickleton Road	3.00	0.00	13.00	4.00
		C - A635 (W)	238.00	11.00	0.00	47.00
		D - Red Hill Lane	4.00	5.00	36.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:15 - 08:30	From	A - A635 (E)	0.00	3.00	255.00	0.00
		B - Hickleton Road	2.00	0.00	12.00	9.00
		C - A635 (W)	257.00	21.00	0.00	37.00
		D - Red Hill Lane	2.00	7.00	33.00	0.00

Demand (PCU/TS)

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:30 - 08:45	From	A - A635 (E)	0.00	3.00	212.00	1.00
		B - Hickleton Road	3.00	0.00	11.00	5.00
		C - A635 (W)	266.00	8.00	0.00	47.00
		D - Red Hill Lane	1.00	4.00	28.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:15 - 07:30	From	A - A635 (E)	0	0	16	0
		B - Hickleton Road	0	0	0	12
		C - A635 (W)	10	0	0	9
		D - Red Hill Lane	0	0	6	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:30 - 07:45	From	A - A635 (E)	0	0	20	33
		B - Hickleton Road	0	0	0	10
		C - A635 (W)	14	8	0	4
		D - Red Hill Lane	0	0	0	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
07:45 - 08:00	From	A - A635 (E)	0	0	17	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	16	0	0	4
		D - Red Hill Lane	0	0	19	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:00 - 08:15	From	A - A635 (E)	0	0	17	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	15	10	0	7
		D - Red Hill Lane	33	0	6	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:15 - 08:30	From	A - A635 (E)	0	0	16	0
		B - Hickleton Road	0	0	0	0
		C - A635 (W)	15	0	0	3
		D - Red Hill Lane	100	17	10	0

Heavy Vehicle Percentages

		To				
		A - A635 (E)	B - Hickleton Road	C - A635 (W)	D - Red Hill Lane	
08:30 - 08:45	From	A - A635 (E)	0	0	19	0
		B - Hickleton Road	51	0	0	0
		C - A635 (W)	24	0	0	2
		D - Red Hill Lane	0	33	4	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/TS)	Total Junction Arrivals (PCU)
B-ACD	1.34	264.98	8.1	F	21.33	128.00
A-BCD	0.05	15.96	0.1	C	0.83	5.00
A-B					2.50	15.00
A-C					227.67	1366.00
D-ABC	1.39	728.22	26.8	F	32.50	195.00
C-ABD	0.20	11.38	0.3	B	11.68	70.09
C-D					51.00	305.99
C-A					269.32	1615.92

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	16.00	16.00	38.71	0.413	15.31	0.0	0.7	39.614	E
A-BCD	0.00	0.00	159.33	0.000	0.00	0.0	0.0	0.000	A
A-B	1.00	1.00			1.00				
A-C	204.00	204.00			204.00				
D-ABC	22.00	22.00	28.58	0.770	19.68	0.0	2.3	91.445	F
C-ABD	9.00	9.00	128.41	0.070	8.93	0.0	0.1	7.527	A
C-D	62.00	62.00			62.00				
C-A	293.00	293.00			293.00				

07:30 - 07:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	27.00	27.00	32.02	0.843	24.52	0.7	3.2	105.629	F
A-BCD	4.00	4.00	78.85	0.051	3.93	0.0	0.1	15.963	C
A-B	1.00	1.00			1.00				
A-C	233.00	233.00			233.00				
D-ABC	17.00	17.00	24.58	0.692	17.07	2.3	2.2	124.907	F
C-ABD	14.00	14.00	120.68	0.116	13.94	0.1	0.1	8.791	A
C-D	58.00	58.00			58.00				
C-A	283.00	283.00			283.00				

07:45 - 08:00

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	23.00	23.00	33.92	0.678	23.56	3.2	2.6	96.902	F
A-BCD	0.00	0.00	163.75	0.000	0.07	0.1	0.0	0.000	A
A-B	4.00	4.00			4.00				
A-C	243.00	243.00			243.00				
D-ABC	36.00	36.00	25.87	1.392	25.49	2.2	12.8	287.071	F
C-ABD	7.00	7.00	111.49	0.063	7.06	0.1	0.1	9.101	A
C-D	55.00	55.00			55.00				
C-A	279.00	279.00			279.00				

08:00 - 08:15

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	20.00	20.00	48.59	0.412	21.88	2.6	0.7	35.698	E
A-BCD	0.00	0.00	190.05	0.000	0.00	0.0	0.0	0.000	A
A-B	3.00	3.00			3.00				
A-C	219.00	219.00			219.00				
D-ABC	45.00	45.00	43.14	1.043	41.59	12.8	16.2	369.888	F
C-ABD	11.00	11.00	113.89	0.097	10.96	0.1	0.1	9.218	A
C-D	47.00	47.00			47.00				
C-A	238.00	238.00			238.00				

08:15 - 08:30

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	23.00	23.00	17.21	1.336	15.69	0.7	8.1	264.977	F
A-BCD	0.00	0.00	183.65	0.000	0.00	0.0	0.0	0.000	A
A-B	3.00	3.00			3.00				
A-C	255.00	255.00			255.00				
D-ABC	42.00	42.00	31.64	1.327	31.38	16.2	26.8	635.098	F
C-ABD	21.09	21.09	103.13	0.204	20.94	0.1	0.3	11.375	B
C-D	36.99	36.99			36.99				
C-A	256.92	256.92			256.92				

08:30 - 08:45

Stream	Total Demand (PCU/TS)	Junction Arrivals (PCU)	Capacity (PCU/TS)	RFC	Throughput (PCU/TS)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	19.00	19.00	40.02	0.475	26.04	8.1	1.0	86.171	F
A-BCD	1.00	1.00	86.75	0.012	0.99	0.0	0.0	13.127	B
A-B	3.00	3.00			3.00				
A-C	212.00	212.00			212.00				
D-ABC	33.00	33.00	34.30	0.962	34.05	26.8	25.7	728.217	F
C-ABD	8.00	8.00	114.67	0.070	8.19	0.3	0.1	8.471	A
C-D	47.00	47.00			47.00				
C-A	266.00	266.00			266.00				

Appendix O

Proposed A635 / Red Hill Lane / Hickleton Road Junction Layout (Preliminary)