

APPENDIX B - OBSERVED BACKGROUND TRAFFIC DEMAND (A17 KIRKBY LA THORPE)

LINCOLNSHIRE COUNTY COUNCIL
HIGHWAYS AND PLANNING DIRECTORATE
LINC LABORATORY

SITE: 070

DAY: THURSDAY

LOCATION: A17 EAST OF KIRKBY LA THORPE

DATE: 18/05/06

DIRECTION: EASTBOUND

	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	TOTAL
PEDAL CYCLES	0	0	0	1	0	0	0	0	0	0	0	0	1
MOTOR CYCLES	5	1	0	4	1	0	0	1	1	4	4	2	23
CARS	424	514	400	365	354	391	444	417	451	531	658	489	5438
LIGHT GOODS VEHICLES	146	128	104	103	95	99	89	88	99	128	106	69	1254
MEDIUM GOODS VEHICLES	9	11	3	9	5	19	5	11	8	9	11	7	107
AGRICULTURAL VEHICLES	2	0	1	1	0	4	0	0	0	0	0	1	9
2 AXLES HGV	36	33	39	40	29	37	16	21	25	13	21	12	322
3 AXLES HGV (RIGID)	6	7	12	7	8	5	5	5	3	3	0	1	62
3/4+ AXLES HGV (ARTIC)	80	70	72	85	54	83	80	89	81	63	63	51	871
BUSES/COACHES	3	7	3	1	0	4	1	5	1	5	5	1	36
TOTAL (EXCLUDING P/C & M/C)	706	770	634	611	545	642	640	636	668	752	864	631	8099
TOTAL (ALL VEHICLES)	711	771	634	616	546	642	640	637	669	756	868	633	8123

CARS	LGV	OGV1	OGV2	PSV
5438	1254	500	871	36

DIRECTION: WESTBOUND

	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	TOTAL
PEDAL CYCLES	0	0	0	0	0	0	0	0	0	0	0	1	1
MOTOR CYCLES	3	6	0	1	0	3	0	1	1	3	4	1	23
CARS	459	622	409	397	372	365	451	401	435	513	606	518	5548
LIGHT GOODS VEHICLES	108	129	89	100	72	73	105	131	104	155	117	46	1229
MEDIUM GOODS VEHICLES	12	12	15	9	10	11	8	8	11	8	5	7	116
AGRICULTURAL VEHICLES	0	3	1	1	1	0	0	1	0	3	0	0	10
2 AXLES HGV	27	19	23	19	35	35	35	35	33	12	20	10	303
3 AXLES HGV (RIGID)	6	4	4	5	6	4	8	4	12	5	2	3	63
3/4+ AXLES HGV (ARTIC)	54	71	88	88	63	85	96	80	92	65	59	41	882
BUSES/COACHES	1	5	1	1	0	1	5	4	3	7	6	0	34
TOTAL (EXCLUDING P/C & M/C)	667	865	630	620	559	574	708	664	690	768	815	625	8185
TOTAL (ALL VEHICLES)	670	871	630	621	559	577	708	665	691	771	819	627	8209

CARS	LGV	OGV1	OGV2	PSV
5548	1229	492	882	34

Hourly Total Traffic Demand

	Eastbound	Westbound	2-way
07:00	711	670	1381
08:00	771	871	1642
09:00	634	630	1264
10:00	616	621	1237
11:00	546	559	1105
12:00	642	577	1219
13:00	640	708	1348
14:00	637	665	1302
15:00	669	691	1360
16:00	756	771	1527
17:00	868	819	1687
18:00	633	627	1260
	8123	8209	16332

Two way traffic demand

CARS	10986	67.46%
LGV	2483	15.25%
OGV1	992	6.09%
OGV2	1753	10.77%
PSV	70	0.43%
	16284	