

Appendix A

MCC Junction Counts

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Ser



Junction: (1) A - N7 Off Slip /

Approach: A - N7 Off Slip (One-Way Southbound)

TIME	Left to B - Main Street			S/B to C - Johnston			Right to D - N7 On Slip			Last Right to E - Link Road			Turns to A - N7 Off Slip (BANNE		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	2	0	2	0	0	0	5	0	5	0	0	0
0730 - 0745	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0745 - 0800	1	0	1	10	2	12	0	0	0	4	1	5	0	0	0
Hourly Total	1	0	1	14	2	16	0	0	0	9	1	10	0	0	0
0800 - 0815	0	0	0	14	0	14	0	0	0	1	0	1	0	0	0
0815 - 0830	2	0	2	19	0	19	0	0	0	0	0	0	0	0	0
0830 - 0845	2	0	2	15	0	15	0	0	0	6	0	6	0	0	0
0845 - 0900	1	0	1	19	11	30	0	0	0	12	0	12	0	0	0
Hourly Total	5	0	5	67	11	78	0	0	0	19	0	19	0	0	0
0900 - 0915	4	0	4	14	0	14	0	0	0	7	0	7	0	0	0
0915 - 0930	4	0	4	12	2	14	0	0	0	4	1	5	0	0	0
0930 - 0945	5	0	5	8	0	8	0	0	0	4	0	4	0	0	0
0945 - 1000	2	0	2	9	2	11	0	0	0	4	2	6	0	0	0
Hourly Total	15	0	15	43	4	47	0	0	0	19	3	22	0	0	0
1000 - 1015	2	0	2	7	1	8	0	0	0	9	0	9	0	0	0
1015 - 1030	1	0	1	8	2	10	0	0	0	3	0	3	0	0	0
1030 - 1045	2	0	2	10	0	10	1	0	1	7	0	7	0	0	0
1045 - 1100	1	0	1	4	1	5	0	0	0	3	0	3	0	0	0
Hourly Total	6	0	6	29	4	33	1	0	1	22	0	22	0	0	0
1100 - 1115	0	0	0	7	1	8	0	0	0	5	1	6	0	0	0
1115 - 1130	2	0	2	4	1	5	0	1	1	2	0	2	0	0	0
1130 - 1145	2	0	2	8	0	8	0	0	0	4	0	4	0	0	0
1145 - 1200	1	0	1	9	0	9	0	0	0	9	0	9	0	0	0
Hourly Total	5	0	5	28	2	30	0	1	1	20	1	21	0	0	0
1200 - 1215	2	0	2	6	1	7	0	0	0	8	0	8	0	0	0
1215 - 1230	2	0	2	10	0	10	0	0	0	3	1	4	0	0	0
1230 - 1245	1	0	1	12	0	12	0	0	0	7	0	7	0	0	0
1245 - 1300	2	0	2	8	0	8	0	0	0	5	0	5	0	0	0
Hourly Total	7	0	7	36	1	37	0	0	0	23	1	24	0	0	0
1300 - 1315	1	0	1	14	0	14	0	0	0	8	0	8	0	0	0
1315 - 1330	5	0	5	13	0	13	0	0	0	7	0	7	0	0	0
1330 - 1345	3	0	3	15	1	16	0	0	0	8	1	9	0	0	0
1345 - 1400	4	0	4	12	1	13	0	0	0	7	1	8	0	0	0
Hourly Total	13	0	13	54	2	56	0	0	0	30	2	32	0	0	0
1400 - 1415	5	0	5	17	0	17	1	0	1	9	0	9	0	0	0
1415 - 1430	6	0	6	12	3	15	0	0	0	7	3	10	0	0	0
1430 - 1445	3	0	3	14	1	15	0	0	0	8	1	9	0	0	0
1445 - 1500	5	0	5	18	0	18	0	0	0	10	0	10	0	0	0
Hourly Total	19	0	19	61	4	65	1	0	1	34	4	38	0	0	0
1500 - 1515	5	0	5	12	0	12	0	0	0	7	0	7	0	0	0
1515 - 1530	5	0	5	14	0	14	0	0	0	8	0	8	0	0	0
1530 - 1545	6	0	6	9	1	10	0	0	0	7	1	8	0	0	0
1545 - 1600	9	0	9	19	1	20	1	0	1	10	1	11	0	0	0
Hourly Total	25	0	25	54	2	56	1	0	1	32	2	34	0	0	0
1600 - 1615	2	0	2	24	1	25	0	0	0	10	1	11	0	0	0
1615 - 1630	3	1	4	20	1	21	0	0	0	13	1	14	0	0	0
1630 - 1645	1	0	1	28	0	28	0	0	0	14	0	14	0	0	0
1645 - 1700	3	0	3	37	1	38	0	0	0	19	1	20	0	0	0
Hourly Total	9	1	10	109	3	112	0	0	0	56	3	59	0	0	0
1700 - 1715	5	1	6	38	0	38	0	0	0	20	0	20	0	0	0
1715 - 1730	2	0	2	40	0	40	0	0	0	20	0	20	0	0	0
1730 - 1745	3	0	3	42	0	42	0	0	0	22	0	22	0	0	0
1745 - 1800	9	0	9	47	0	47	1	0	1	21	0	21	0	0	0
Hourly Total	19	1	20	167	0	167	1	0	1	83	0	83	0	0	0
1800 - 1815	4	0	4	40	0	40	0	0	0	21	1	22	0	0	0
1815 - 1830	4	0	4	23	0	23	0	0	0	20	0	20	0	0	0
1830 - 1845	7	0	7	43	0	43	0	0	0	15	0	15	0	0	0
1845 - 1900	6	0	6	38	0	38	0	0	0	11	0	11	0	0	0
Hourly Total	21	0	21	144	0	144	0	0	0	67	1	68	0	0	0
TOTAL	145	2	147	806	35	841	4	1	5	414	18	432	0	0	0

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Ser



Junction: (1) A - N7 Off Slip /

Approach: B - Main Street (One-Way Eastbound)

TIME	Left to C - Johnston (BANNED)			Left to D - N7 On Slip (BANNED)			W/B to E - Link Road (BANNED)			Right to A - N7 Off Slip (BANNED)			Turns to B - Main Street (BANNED)		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	2	0	33	1	1	33	3	0	33	0	0	33	0	0	33
0715 - 0730	11	1	33	5	0	33	7	0	33	0	0	33	0	0	33
0730 - 0745	9	1	33	6	1	33	8	0	33	0	0	33	0	0	33
0745 - 0800	19	1	33	4	0	33	5	0	33	0	0	33	0	0	33
Hourly Total	31	2	33	83	5	33	40	0	33	0	0	33	0	0	33
0800 - 0815	16	2	33	5	0	33	14	1	33	0	0	33	0	0	33
0815 - 0830	12	1	33	16	1	33	20	0	33	0	0	33	0	0	33
0830 - 0845	18	0	33	24	0	33	26	0	33	0	0	33	0	0	33
0845 - 0900	14	1	33	20	0	33	26	1	33	0	0	33	0	0	33
Hourly Total	31	2	33	83	5	33	40	0	33	0	0	33	0	0	33
0900 - 0915	14	1	33	28	1	33	21	1	33	0	0	33	0	0	33
0915 - 0930	8	1	33	19	1	33	11	0	33	0	0	33	0	0	33
0930 - 0945	6	1	33	17	1	33	3	1	33	0	0	33	0	0	33
0945 - 1000	7	1	33	15	1	33	6	0	33	0	0	33	0	0	33
Hourly Total	31	2	33	83	5	33	40	0	33	0	0	33	0	0	33
1000 - 1015	7	1	33	19	0	33	2	0	33	0	0	33	0	0	33
1015 - 1030	9	1	33	19	0	33	3	0	33	0	0	33	0	0	33
1030 - 1045	5	0	33	18	1	33	3	1	33	0	0	33	0	0	33
1045 - 1100	2	0	33	20	0	33	4	1	33	0	0	33	0	0	33
Hourly Total	31	2	33	83	5	33	40	0	33	0	0	33	0	0	33
1100 - 1115	4	1	33	15	0	33	7	0	33	0	0	33	0	0	33
1115 - 1130	2	0	33	17	0	33	4	2	33	0	0	33	0	0	33
1130 - 1145	3	1	33	16	0	33	3	0	33	0	0	33	0	0	33
1145 - 1200	5	0	33	20	0	33	7	0	33	0	0	33	0	0	33
Hourly Total	31	2	33	83	5	33	40	0	33	0	0	33	0	0	33
1200 - 1215	11	0	33	20	0	33	13	0	33	0	0	33	0	0	33
1215 - 1230	5	1	33	21	0	33	12	1	33	0	0	33	0	0	33
1230 - 1245	7	0	33	19	0	33	10	1	33	0	0	33	0	0	33
1245 - 1300	10	0	33	16	0	33	13	2	33	0	0	33	0	0	33
Hourly Total	31	2	33	83	5	33	40	0	33	0	0	33	0	0	33
1300 - 1315	5	1	33	17	0	33	15	0	33	0	0	33	0	0	33
1315 - 1330	7	0	33	16	0	33	14	0	33	0	0	33	0	0	33
1330 - 1345	8	2	33	12	0	33	15	0	33	0	0	33	0	0	33
1345 - 1400	6	0	33	10	0	33	8	0	33	0	0	33	0	0	33
Hourly Total	31	2	33	83	5	33	40	0	33	0	0	33	0	0	33
1400 - 1415	6	1	33	12	0	33	18	0	33	0	0	33	0	0	33
1415 - 1430	11	0	33	12	0	33	13	0	33	0	0	33	0	0	33
1430 - 1445	6	0	33	21	0	33	13	0	33	0	0	33	0	0	33
1445 - 1500	7	1	33	21	0	33	18	2	33	0	0	33	0	0	33
Hourly Total	31	2	33	83	5	33	40	0	33	0	0	33	0	0	33
1500 - 1515	10	1	33	15	0	33	11	0	33	0	0	33	0	0	33
1515 - 1530	9	1	33	19	0	33	16	1	33	0	0	33	0	0	33
1530 - 1545	4	1	33	17	0	33	14	1	33	0	0	33	0	0	33
1545 - 1600	5	1	33	24	1	33	19	1	33	0	0	33	0	0	33
Hourly Total	31	2	33	83	5	33	40	0	33	0	0	33	0	0	33
1600 - 1615	5	0	33	16	2	33	15	0	33	0	0	33	0	0	33
1615 - 1630	9	1	33	18	0	33	16	0	33	0	0	33	0	0	33
1630 - 1645	12	0	33	25	0	33	22	3	33	0	0	33	0	0	33
1645 - 1700	8	1	33	25	3	33	21	0	33	0	0	33	0	0	33
Hourly Total	31	2	33	83	5	33	40	0	33	0	0	33	0	0	33
1700 - 1715	11	1	33	26	1	33	35	0	33	0	0	33	0	0	33
1715 - 1730	7	1	33	24	0	33	24	1	33	0	0	33	0	0	33
1730 - 1745	5	0	33	27	0	33	21	0	33	0	0	33	0	0	33
1745 - 1800	8	1	33	23	0	33	18	1	33	0	0	33	0	0	33
Hourly Total	31	2	33	83	5	33	40	0	33	0	0	33	0	0	33
1800 - 1815	11	0	33	24	1	33	10	0	33	0	0	33	0	0	33
1815 - 1830	9	1	33	20	2	33	14	0	33	0	0	33	0	0	33
1830 - 1845	6	1	33	22	1	33	11	0	33	0	0	33	0	0	33
1845 - 1900	5	0	33	17	1	33	5	0	33	0	0	33	0	0	33
Hourly Total	31	2	33	83	5	88	40	0	40	0	0	363	0	0	363
TOTAL	372	24	396	996	60	451	480	0	403	0	0	363	0	0	363

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Ser



Junction: (1) A - N7 Off Slip /

Approach: C - Johnston

TIME	First Left to D - N7 On Slip			Second Left to E - Link Road			N/B to A - N7 Off Slip (BANNED)			Right to B - Main Street			U-Turns to C - Johnston		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	1	0	1	20	2	22	0	0	0	2	1	3	0	0	0
0715 - 0730	0	0	0	27	2	29	0	0	0	9	1	10	0	0	0
0730 - 0745	2	0	2	30	0	30	1	0	1	7	2	9	0	0	0
0745 - 0800	0	0	0	40	0	40	0	0	0	14	0	14	0	0	0
Hourly Total	3	0	3	117	4	121	1	0	1	32	4	36	0	0	0
0800 - 0815	2	0	2	23	0	23	0	0	0	6	1	7	0	0	0
0815 - 0830	0	0	0	17	0	17	1	0	1	9	2	11	0	0	0
0830 - 0845	1	0	1	19	0	19	0	0	0	11	2	13	0	0	0
0845 - 0900	0	0	0	30	1	31	0	0	0	16	0	16	0	0	0
Hourly Total	3	0	3	89	1	90	1	0	1	42	5	47	0	0	0
0900 - 0915	0	1	1	15	1	16	0	0	0	13	1	14	0	0	0
0915 - 0930	2	0	2	11	1	12	0	0	0	7	1	8	0	0	0
0930 - 0945	2	0	2	21	2	23	0	0	0	10	0	10	0	0	0
0945 - 1000	0	0	0	10	1	11	0	0	0	6	0	6	0	0	0
Hourly Total	4	1	5	57	5	62	0	0	0	36	2	38	0	0	0
1000 - 1015	1	0	1	13	2	15	0	0	0	12	2	14	0	0	0
1015 - 1030	0	0	0	6	2	8	0	0	0	12	1	13	0	0	0
1030 - 1045	1	0	1	15	0	15	0	0	0	13	0	13	0	0	0
1045 - 1100	0	0	0	9	0	9	0	0	0	13	0	13	0	0	0
Hourly Total	2	0	2	43	4	47	0	0	0	50	3	53	0	0	0
1100 - 1115	0	0	0	10	1	11	0	0	0	14	2	16	0	0	0
1115 - 1130	0	0	0	15	0	15	0	0	0	19	1	20	0	0	0
1130 - 1145	0	0	0	12	1	13	0	0	0	12	0	12	0	0	0
1145 - 1200	0	0	0	4	1	5	0	0	0	9	0	9	0	0	0
Hourly Total	0	0	0	41	3	44	0	0	0	54	3	57	0	0	0
1200 - 1215	0	0	0	7	1	8	0	0	0	18	1	19	0	0	0
1215 - 1230	0	0	0	10	1	11	0	0	0	13	1	14	0	0	0
1230 - 1245	0	0	0	5	0	5	0	0	0	8	0	8	0	0	0
1245 - 1300	0	0	0	3	0	3	0	0	0	8	1	9	0	0	0
Hourly Total	0	0	0	25	2	27	0	0	0	47	3	50	0	0	0
1300 - 1315	0	0	0	3	0	3	0	0	0	13	0	13	0	0	0
1315 - 1330	0	0	0	2	0	2	0	0	0	12	0	12	0	0	0
1330 - 1345	0	0	0	3	0	3	0	0	0	10	0	10	0	0	0
1345 - 1400	0	0	0	1	0	1	0	0	0	6	1	7	0	0	0
Hourly Total	0	0	0	9	0	9	0	0	0	41	1	42	0	0	0
1400 - 1415	0	0	0	0	0	0	0	0	0	8	0	8	0	0	0
1415 - 1430	0	0	0	1	0	1	0	0	0	8	1	9	0	0	0
1430 - 1445	0	0	0	2	0	2	0	0	0	12	0	12	0	0	0
1445 - 1500	0	0	0	1	1	2	0	0	0	5	1	6	0	0	0
Hourly Total	0	0	0	4	1	5	0	0	0	33	2	35	0	0	0
1500 - 1515	0	0	0	4	0	4	0	0	0	3	0	3	0	0	0
1515 - 1530	0	0	0	4	0	4	0	0	0	8	1	9	0	0	0
1530 - 1545	0	0	0	6	0	6	0	0	0	6	1	7	0	0	0
1545 - 1600	0	0	0	3	0	3	0	0	0	6	1	7	0	0	0
Hourly Total	0	0	0	17	0	17	0	0	0	23	3	26	0	0	0
1600 - 1615	0	0	0	5	0	5	0	0	0	12	0	12	0	0	0
1615 - 1630	0	0	0	5	0	5	0	0	0	14	0	14	0	0	0
1630 - 1645	0	0	0	10	0	10	0	0	0	11	3	14	0	0	0
1645 - 1700	0	0	0	5	0	5	0	0	0	14	0	14	0	0	0
Hourly Total	0	0	0	25	0	25	0	0	0	51	3	54	0	0	0
1700 - 1715	0	0	0	13	0	13	0	0	0	12	0	12	0	0	0
1715 - 1730	0	0	0	11	0	11	0	0	0	21	0	21	0	0	0
1730 - 1745	0	0	0	11	0	11	0	0	0	18	0	18	0	0	0
1745 - 1800	0	0	0	17	0	17	0	0	0	23	0	23	0	0	0
Hourly Total	0	0	0	52	0	52	0	0	0	74	0	74	0	0	0
1800 - 1815	0	0	0	15	0	15	0	0	0	23	1	24	0	0	0
1815 - 1830	0	0	0	13	0	13	0	0	0	16	1	17	0	0	0
1830 - 1845	0	0	0	12	0	12	0	0	0	19	0	19	0	0	0
1845 - 1900	0	0	0	8	0	8	0	0	0	22	0	22	0	0	0
Hourly Total	0	0	0	48	0	48	0	0	0	80	2	82	0	0	0
TOTAL	12	1	13	527	20	547	2	0	2	563	31	594	0	0	0

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Ser



Junction: (1) A - N7 Off Slip /

Approach: E - Link Road

TIME	Left to A - N7 Off Slip (BANNED)			E/B to B - Main Street			Right to C - Johnston			Last Right to D - N7 On Slip			U-Turns to E - Link Road		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
0730 - 0745	0	0	0	9	0	9	1	0	1	1	0	1	0	0	0
0745 - 0800	0	0	0	14	0	14	1	0	1	0	0	0	0	0	0
Hourly Total	0	0	0	32	0	32	2	0	2	1	0	1	0	0	0
0800 - 0815	0	0	0	13	1	14	1	0	1	1	0	1	0	0	0
0815 - 0830	0	0	0	16	0	16	1	0	1	0	0	0	0	0	0
0830 - 0845	0	0	0	17	0	17	5	1	6	0	0	0	0	0	0
0845 - 0900	0	0	0	32	0	32	7	1	8	2	0	2	0	0	0
Hourly Total	0	0	0	78	1	79	14	2	16	3	0	3	0	0	0
0900 - 0915	0	0	0	14	1	15	4	1	5	1	0	1	0	0	0
0915 - 0930	0	0	0	8	0	8	0	0	0	0	0	0	0	0	0
0930 - 0945	0	0	0	7	0	7	6	1	7	0	1	1	0	0	0
0945 - 1000	0	0	0	11	0	11	5	1	6	4	1	5	0	0	0
Hourly Total	0	0	0	40	1	41	15	3	18	5	2	7	0	0	0
1000 - 1015	0	0	0	10	0	10	6	0	6	2	0	2	0	0	0
1015 - 1030	0	0	0	9	0	9	3	0	3	0	0	0	0	0	0
1030 - 1045	0	0	0	12	0	12	6	0	6	0	0	0	0	0	0
1045 - 1100	0	0	0	11	0	11	2	1	3	0	0	0	0	0	0
Hourly Total	0	0	0	42	0	42	17	1	18	2	0	2	0	0	0
1100 - 1115	0	0	0	11	0	11	3	0	3	1	0	1	0	0	0
1115 - 1130	0	0	0	11	0	11	6	0	6	1	1	2	0	0	0
1130 - 1145	0	0	0	14	0	14	7	0	7	1	1	2	0	0	0
1145 - 1200	0	0	0	11	0	11	5	1	6	0	0	0	0	0	0
Hourly Total	0	0	0	47	0	47	21	1	22	3	2	5	0	0	0
1200 - 1215	0	0	0	14	1	15	8	0	8	1	0	1	0	0	0
1215 - 1230	0	0	0	15	0	15	3	0	3	0	0	0	0	0	0
1230 - 1245	0	0	0	15	0	15	5	0	5	0	0	0	0	0	0
1245 - 1300	0	0	0	18	0	18	7	0	7	0	0	0	0	0	0
Hourly Total	0	0	0	62	1	63	23	0	23	1	0	1	0	0	0
1300 - 1315	0	0	0	20	1	21	4	0	4	0	0	0	0	0	0
1315 - 1330	0	0	0	21	0	21	6	0	6	1	0	1	0	0	0
1330 - 1345	0	0	0	20	1	21	5	0	5	0	0	0	0	0	0
1345 - 1400	0	0	0	23	1	24	4	0	4	0	0	0	0	0	0
Hourly Total	0	0	0	84	3	87	19	0	19	1	0	1	0	0	0
1400 - 1415	0	0	0	16	1	17	5	0	5	1	0	1	0	0	0
1415 - 1430	0	0	0	18	0	18	5	0	5	0	0	0	0	0	0
1430 - 1445	0	0	0	17	0	17	6	0	6	1	0	1	0	0	0
1445 - 1500	0	0	0	16	1	17	6	0	6	0	0	0	0	0	0
Hourly Total	0	0	0	67	2	69	22	0	22	2	0	2	0	0	0
1500 - 1515	0	0	0	19	0	19	7	0	7	1	0	1	0	0	0
1515 - 1530	0	0	0	19	0	19	7	0	7	0	0	0	0	0	0
1530 - 1545	0	0	0	26	0	26	11	0	11	1	0	1	0	0	0
1545 - 1600	0	0	0	21	1	22	9	0	9	1	0	1	0	0	0
Hourly Total	0	0	0	85	1	86	34	0	34	3	0	3	0	0	0
1600 - 1615	0	0	0	10	0	10	7	0	7	1	0	1	0	0	0
1615 - 1630	0	0	0	20	0	20	6	0	6	0	0	0	0	0	0
1630 - 1645	0	0	0	14	0	14	10	0	10	1	0	1	0	0	0
1645 - 1700	0	0	0	20	0	20	11	0	11	0	0	0	0	0	0
Hourly Total	0	0	0	64	0	64	34	0	34	2	0	2	0	0	0
1700 - 1715	0	0	0	21	1	22	15	1	16	0	1	1	0	0	0
1715 - 1730	0	0	0	18	0	18	13	0	13	1	0	1	0	0	0
1730 - 1745	0	0	0	22	1	23	13	0	13	0	1	1	0	0	0
1745 - 1800	0	0	0	21	0	21	10	0	10	1	0	1	0	0	0
Hourly Total	0	0	0	82	2	84	51	1	52	2	2	4	0	0	0
1800 - 1815	0	0	0	17	0	17	10	0	10	0	0	0	0	0	0
1815 - 1830	0	0	0	19	0	19	8	0	8	0	0	0	0	0	0
1830 - 1845	0	0	0	16	0	16	7	0	7	0	0	0	0	0	0
1845 - 1900	0	0	0	17	0	17	2	0	2	0	0	0	0	0	0
Hourly Total	0	0	0	69	0	69	27	0	27	0	0	0	0	0	0
TOTAL	0	0	0	752	11	763	279	8	287	25	6	31	0	0	0

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Services



Junction: (2) A - Unnamed Road / 1 Road

Approach: A - Unnamed Road

TIME	Left to B - N7 On Slip			S/B to C - Link Road			Right to D - N7 Off Slip (BANNED)			Last Right to E - Johnstown Road			U-Turns to A - Unnamed Road		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0730 - 0745	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0745 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0815	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0830 - 0845	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0845 - 0900	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
0900 - 0915	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
0915 - 0930	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
0930 - 0945	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
0945 - 1000	3	0	3	3	0	3	0	0	0	0	0	0	0	0	0
Hourly Total	6	0	6	5	0	5	0	0	0	0	0	0	0	0	0
1000 - 1015	1	0	1	2	0	2	0	0	0	1	0	1	0	0	0
1015 - 1030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1030 - 1045	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
1045 - 1100	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0
Hourly Total	1	0	1	3	1	4	0	0	0	2	0	2	0	0	0
1100 - 1115	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1115 - 1130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1130 - 1145	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0
1145 - 1200	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	2	0	2	5	0	5	0	0	0	0	0	0	0	0	0
1200 - 1215	1	0	1	2	0	2	0	0	0	0	0	0	0	0	0
1215 - 1230	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
1230 - 1245	2	0	2	2	0	2	0	0	0	0	0	0	0	0	0
1245 - 1300	1	0	1	2	0	2	0	0	0	0	0	0	0	0	0
Hourly Total	4	0	4	10	0	10	0	0	0	0	0	0	0	0	0
1300 - 1315	0	0	0	6	0	6	0	0	0	0	0	0	0	0	0
1315 - 1330	2	0	2	2	0	2	0	0	0	0	0	0	0	0	0
1330 - 1345	2	0	2	4	0	4	0	0	0	0	0	0	0	0	0
1345 - 1400	0	0	0	2	1	3	0	0	0	0	0	0	0	0	0
Hourly Total	4	0	4	14	1	15	0	0	0	0	0	0	0	0	0
1400 - 1415	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
1415 - 1430	1	0	1	3	0	3	0	0	0	0	0	0	0	0	0
1430 - 1445	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
1445 - 1500	2	0	2	2	0	2	0	0	0	1	0	1	0	0	0
Hourly Total	5	0	5	5	0	5	0	0	0	1	0	1	0	0	0
1500 - 1515	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
1515 - 1530	1	0	1	3	0	3	0	0	0	0	0	0	0	0	0
1530 - 1545	1	0	1	3	0	3	0	0	0	0	0	0	0	0	0
1545 - 1600	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0
Hourly Total	3	0	3	8	0	8	0	0	0	0	0	0	0	0	0
1600 - 1615	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
1615 - 1630	1	0	1	2	0	2	0	0	0	0	0	0	0	0	0
1630 - 1645	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1645 - 1700	0	0	0	1	0	1	0	0	0	2	0	2	0	0	0
Hourly Total	1	0	1	6	0	6	0	0	0	2	0	2	0	0	0
1700 - 1715	4	0	4	13	0	13	0	0	0	2	0	2	0	0	0
1715 - 1730	2	0	2	5	0	5	0	0	0	0	0	0	0	0	0
1730 - 1745	3	2	5	5	2	7	0	0	0	0	0	0	0	0	0
1745 - 1800	0	0	0	5	0	5	0	0	0	2	0	2	0	0	0
Hourly Total	9	2	11	28	2	30	0	0	0	4	0	4	0	0	0
1800 - 1815	1	0	1	2	0	2	0	0	0	0	0	0	0	0	0
1815 - 1830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1830 - 1845	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
1845 - 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	1	0	1	2	0	2	0	0	0	1	0	1	0	0	0
TOTAL	36	2	38	87	4	91	0	0	0	10	0	10	0	0	0

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Services



Junction: (2) A - Unnamed Road / Road

Approach: C - Link Road

TIME	First Left to D - N7 Off Slip (BANNED)			Second Left to E - Johnstown Road			N/B to A - Unnamed Road			Right to B - N7 On Slip			U-Turns to C - Link Road		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	0	0	0	1	0	1	0	0	0	23	0	23	0	0	0
0715 - 0730	0	0	0	7	0	7	0	0	0	32	2	34	0	0	0
0730 - 0745	0	0	0	1	0	1	0	0	0	36	0	36	1	0	1
0745 - 0800	0	0	0	3	0	3	0	0	0	43	0	43	0	0	0
Hourly Total	0	0	0	12	0	12	0	0	0	134	2	136	1	0	1
0800 - 0815	0	0	0	2	1	3	0	0	0	36	1	37	0	0	0
0815 - 0830	0	0	0	3	0	3	1	0	1	36	0	36	0	0	0
0830 - 0845	0	0	0	8	0	8	2	0	2	42	0	42	0	0	0
0845 - 0900	0	0	0	14	1	15	6	0	6	48	1	49	0	0	0
Hourly Total	0	0	0	27	2	29	9	0	9	162	2	164	0	0	0
0900 - 0915	0	0	0	15	0	15	8	0	8	21	2	23	0	0	0
0915 - 0930	0	0	0	4	1	5	2	0	2	17	1	18	0	0	0
0930 - 0945	0	0	0	7	0	7	2	0	2	18	3	21	0	0	0
0945 - 1000	0	0	0	2	2	4	2	0	2	16	1	17	0	0	0
Hourly Total	0	0	0	28	3	31	14	0	14	72	7	79	0	0	0
1000 - 1015	0	0	0	12	0	12	1	0	1	9	1	10	0	0	0
1015 - 1030	0	0	0	7	0	7	1	0	1	4	1	5	0	0	0
1030 - 1045	0	0	0	9	0	9	0	0	0	18	1	19	1	0	1
1045 - 1100	0	0	0	7	0	7	0	0	0	7	1	8	1	0	1
Hourly Total	0	0	0	35	0	35	2	0	2	38	4	42	2	0	2
1100 - 1115	0	0	0	7	0	7	2	0	2	14	2	16	0	0	0
1115 - 1130	0	0	0	7	2	9	0	0	0	12	0	12	0	0	0
1130 - 1145	0	0	0	12	0	12	1	0	1	7	1	8	0	0	0
1145 - 1200	0	0	0	12	0	12	1	0	1	8	0	8	0	0	0
Hourly Total	0	0	0	38	2	40	4	0	4	41	3	44	0	0	0
1200 - 1215	0	0	0	14	0	14	1	0	1	17	0	17	0	0	0
1215 - 1230	0	0	0	7	0	7	0	0	0	13	3	16	1	0	1
1230 - 1245	0	0	0	8	0	8	3	1	4	15	0	15	0	0	0
1245 - 1300	0	0	0	6	0	6	1	0	1	7	1	8	0	1	1
Hourly Total	0	0	0	35	0	35	5	1	6	52	4	56	1	1	2
1300 - 1315	0	0	0	19	0	19	3	0	3	14	0	14	0	0	0
1315 - 1330	0	0	0	14	0	14	0	0	0	8	0	8	1	0	1
1330 - 1345	0	0	0	15	0	15	2	0	2	9	1	10	0	0	0
1345 - 1400	0	0	0	5	0	5	6	0	6	5	1	6	0	0	0
Hourly Total	0	0	0	53	0	53	11	0	11	36	2	38	1	0	1
1400 - 1415	0	0	0	16	0	16	4	0	4	11	0	11	0	0	0
1415 - 1430	0	0	0	12	0	12	0	0	0	4	1	5	0	0	0
1430 - 1445	0	0	0	14	0	14	0	0	0	10	1	11	1	0	1
1445 - 1500	0	0	0	23	0	23	1	0	1	9	3	12	0	0	0
Hourly Total	0	0	0	65	0	65	5	0	5	34	5	39	1	0	1
1500 - 1515	0	0	0	10	0	10	0	0	0	6	0	6	0	0	0
1515 - 1530	0	0	0	12	0	12	1	0	1	15	2	17	2	0	2
1530 - 1545	0	0	0	13	0	13	0	0	0	14	1	15	0	0	0
1545 - 1600	0	0	0	12	1	13	5	0	5	15	1	16	0	0	0
Hourly Total	0	0	0	47	1	48	6	0	6	50	4	54	2	0	2
1600 - 1615	0	0	0	17	1	18	0	0	0	11	0	11	0	0	0
1615 - 1630	0	0	0	19	1	20	0	0	0	13	0	13	0	0	0
1630 - 1645	0	0	0	21	0	21	0	0	0	27	3	30	0	0	0
1645 - 1700	0	0	0	22	0	22	2	0	2	18	1	19	0	0	0
Hourly Total	0	0	0	79	2	81	2	0	2	69	4	73	0	0	0
1700 - 1715	0	0	0	45	0	45	1	0	1	28	0	28	0	0	0
1715 - 1730	0	0	0	36	0	36	1	1	2	14	0	14	0	0	0
1730 - 1745	0	0	0	41	0	41	1	0	1	12	0	12	0	0	0
1745 - 1800	0	0	0	30	0	30	0	0	0	16	1	17	0	0	0
Hourly Total	0	0	0	152	0	152	3	1	4	70	1	71	0	0	0
1800 - 1815	0	0	0	27	1	28	0	0	0	17	0	17	0	0	0
1815 - 1830	0	0	0	34	0	34	0	0	0	16	0	16	0	0	0
1830 - 1845	0	0	0	18	0	18	2	0	2	15	0	15	0	0	0
1845 - 1900	0	0	0	11	0	11	0	0	0	10	0	10	0	0	0
Hourly Total	0	0	0	90	1	91	2	0	2	58	0	58	0	0	0
TOTAL	0	0	0	661	11	672	63	2	65	816	38	854	8	1	9

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Service



Junction: (2) A - Unnamed Road / Road

Approach: D - N7 Off Slip (One-Way Northeastbound)

TIME	First Left to E - Johnstown Road			Second Left to A - Unnamed Road			Right to B - N7 On Slip			Last Right to C - Link Road			U-Turns to D - N7 Off Slip (BANNED)		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	1	0	1	0	0	0	0	0	0	3	0	3	0	0	0
0715 - 0730	4	0	4	0	0	0	0	0	0	2	0	2	0	0	0
0730 - 0745	1	0	1	0	0	0	0	1	0	11	0	11	0	0	0
0745 - 0800	0	0	0	0	0	0	0	0	0	15	0	15	0	0	0
Hourly Total	6	0	6	0	0	0	1	0	1	31	0	31	0	0	0
0800 - 0815	0	0	0	2	0	2	0	0	0	11	1	12	0	0	0
0815 - 0830	2	0	2	1	0	1	0	0	0	11	0	11	0	0	0
0830 - 0845	1	0	1	2	0	2	0	0	0	12	1	13	0	0	0
0845 - 0900	7	0	7	6	0	6	1	0	1	23	0	23	0	0	0
Hourly Total	10	0	10	11	0	11	1	0	1	57	2	59	0	0	0
0900 - 0915	7	2	9	2	0	2	0	0	0	8	2	10	0	0	0
0915 - 0930	6	0	6	3	0	3	0	0	0	7	0	7	0	0	0
0930 - 0945	5	0	5	2	0	2	1	0	1	9	1	10	0	0	0
0945 - 1000	5	0	5	3	0	3	0	0	0	13	0	13	0	0	0
Hourly Total	23	2	25	10	0	10	1	0	1	37	3	40	0	0	0
1000 - 1015	4	0	4	1	0	1	0	0	0	8	0	8	0	0	0
1015 - 1030	5	1	6	0	0	0	0	0	0	9	0	9	0	0	0
1030 - 1045	4	0	4	1	0	1	0	0	0	12	0	12	0	0	0
1045 - 1100	3	0	3	1	0	1	0	0	0	7	0	7	0	0	0
Hourly Total	16	1	17	3	0	3	0	0	0	36	0	36	0	0	0
1100 - 1115	6	0	6	1	0	1	0	0	0	9	0	9	0	0	0
1115 - 1130	2	0	2	0	1	1	0	0	0	11	0	11	0	0	0
1130 - 1145	1	0	1	2	0	2	1	0	1	12	1	13	0	0	0
1145 - 1200	4	1	5	3	0	3	0	0	0	11	1	12	0	0	0
Hourly Total	13	1	14	6	1	7	1	0	1	43	2	45	0	0	0
1200 - 1215	11	0	11	3	0	3	0	0	0	13	1	14	0	0	0
1215 - 1230	2	0	2	1	0	1	0	0	0	10	0	10	0	0	0
1230 - 1245	7	0	7	2	0	2	0	0	0	8	0	8	0	0	0
1245 - 1300	9	0	9	1	0	1	0	0	0	15	0	15	0	0	0
Hourly Total	29	0	29	7	0	7	0	0	0	46	1	47	0	0	0
1300 - 1315	7	0	7	2	0	2	0	0	0	14	1	15	0	0	0
1315 - 1330	4	1	5	3	0	3	0	0	0	12	0	12	0	0	0
1330 - 1345	8	0	8	0	0	0	0	0	0	13	1	14	0	0	0
1345 - 1400	7	1	8	2	0	2	0	0	0	12	0	12	0	0	0
Hourly Total	26	2	28	7	0	7	0	0	0	51	2	53	0	0	0
1400 - 1415	7	0	7	2	0	2	0	0	0	12	1	13	0	0	0
1415 - 1430	3	0	3	2	0	2	0	0	0	10	0	10	0	0	0
1430 - 1445	7	1	8	2	0	2	0	0	0	14	0	14	0	0	0
1445 - 1500	4	1	5	2	0	2	0	0	0	8	0	8	0	0	0
Hourly Total	21	2	23	8	0	8	0	0	0	44	1	45	0	0	0
1500 - 1515	4	0	4	5	0	5	0	0	0	17	0	17	0	0	0
1515 - 1530	7	0	7	1	0	1	0	0	0	13	0	13	0	0	0
1530 - 1545	5	0	5	0	0	0	0	0	0	17	0	17	0	0	0
1545 - 1600	4	0	4	3	0	3	0	0	0	8	1	9	0	0	0
Hourly Total	20	0	20	9	0	9	0	0	0	55	1	56	0	0	0
1600 - 1615	4	1	5	0	0	0	0	0	0	15	0	15	0	0	0
1615 - 1630	4	0	4	2	0	2	1	0	1	11	0	11	0	0	0
1630 - 1645	2	0	2	1	0	1	1	0	1	11	0	11	0	0	0
1645 - 1700	5	0	5	3	1	4	0	1	1	22	0	22	0	0	0
Hourly Total	15	1	16	6	1	7	2	1	3	59	0	59	0	0	0
1700 - 1715	1	0	1	1	0	1	0	0	0	18	3	21	0	0	0
1715 - 1730	6	0	6	0	0	0	0	0	0	15	0	15	0	0	0
1730 - 1745	2	0	2	0	0	0	1	0	1	22	0	22	0	0	0
1745 - 1800	2	0	2	3	0	3	0	0	0	18	0	18	0	0	0
Hourly Total	11	0	11	4	0	4	1	0	1	73	3	76	0	0	0
1800 - 1815	5	0	5	1	0	1	0	0	0	17	0	17	0	0	0
1815 - 1830	3	0	3	0	0	0	0	0	0	15	0	15	0	0	0
1830 - 1845	2	0	2	1	0	1	0	0	0	14	0	14	0	0	0
1845 - 1900	2	0	2	0	0	0	0	0	0	13	0	13	0	0	0
Hourly Total	12	0	12	2	0	2	0	0	0	59	0	59	0	0	0
TOTAL	202	9	211	73	2	75	7	1	8	591	15	606	0	0	0

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Service:



Junction: (3) A - N7 Off Slip / B - Jol

Approach: B - Johnstown

TIME	W/B to C - Unnamed Road West			Right to A - N7 Off Slip			U-Turns to B - Johnstown		
	LIGHT	HEAVY	0	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	1	1	2	0	0	0	0	0	0
0715 - 0730	10	1	11	0	0	0	0	0	0
0730 - 0745	8	0	8	0	0	0	0	0	0
0745 - 0800	19	1	20	0	0	0	0	0	0
Hourly Total	38	3	41	0	0	0	0	0	0
0800 - 0815	17	5	22	0	0	0	0	0	0
0815 - 0830	21	1	22	0	0	0	0	0	0
0830 - 0845	18	1	19	0	0	0	1	0	1
0845 - 0900	20	0	20	0	0	0	1	0	1
Hourly Total	76	7	83	0	0	0	2	0	2
0900 - 0915	21	1	22	0	0	0	0	1	1
0915 - 0930	27	1	28	0	0	0	0	0	0
0930 - 0945	17	2	19	0	0	0	0	0	0
0945 - 1000	23	1	24	0	0	0	0	0	0
Hourly Total	88	5	93	0	0	0	0	1	1
1000 - 1015	27	1	28	0	0	0	0	0	0
1015 - 1030	26	4	30	0	0	0	0	0	0
1030 - 1045	21	1	22	0	0	0	0	0	0
1045 - 1100	23	0	23	0	0	0	1	0	1
Hourly Total	97	6	103	0	0	0	1	0	1
1100 - 1115	16	0	16	0	0	0	0	0	0
1115 - 1130	22	0	22	0	0	0	0	0	0
1130 - 1145	22	1	23	0	0	0	0	0	0
1145 - 1200	22	1	23	0	0	0	0	0	0
Hourly Total	82	2	84	0	0	0	0	0	0
1200 - 1215	35	2	37	0	0	0	0	0	0
1215 - 1230	21	1	22	0	0	0	0	0	0
1230 - 1245	20	1	21	0	0	0	0	0	0
1245 - 1300	34	1	35	0	0	0	2	0	2
Hourly Total	110	5	115	0	0	0	2	0	2
1300 - 1315	37	0	37	0	0	0	0	0	0
1315 - 1330	25	1	26	0	0	0	0	0	0
1330 - 1345	40	1	41	0	0	0	1	0	1
1345 - 1400	27	3	30	0	0	0	1	0	1
Hourly Total	129	5	134	0	0	0	2	0	2
1400 - 1415	29	2	31	0	0	0	0	0	0
1415 - 1430	25	4	29	0	0	0	0	0	0
1430 - 1445	27	2	29	0	0	0	0	0	0
1445 - 1500	33	0	33	0	0	0	0	1	1
Hourly Total	114	8	122	0	0	0	0	1	1
1500 - 1515	28	1	29	0	0	0	0	0	0
1515 - 1530	27	2	29	0	0	0	1	0	1
1530 - 1545	23	0	23	0	0	0	0	0	0
1545 - 1600	24	1	25	0	0	0	0	0	0
Hourly Total	102	4	106	0	0	0	1	0	1
1600 - 1615	41	4	45	0	0	0	0	0	0
1615 - 1630	21	3	24	0	0	0	0	1	1
1630 - 1645	34	1	35	0	0	0	0	0	0
1645 - 1700	31	0	31	0	0	0	0	0	0
Hourly Total	127	8	135	0	0	0	0	1	1
1700 - 1715	52	0	52	0	0	0	0	0	0
1715 - 1730	41	2	43	0	0	0	0	0	0
1730 - 1745	31	1	32	0	0	0	1	0	1
1745 - 1800	32	2	34	0	0	0	0	0	0
Hourly Total	156	5	161	0	0	0	1	0	1
1800 - 1815	36	2	38	0	0	0	0	0	0
1815 - 1830	46	2	48	0	0	0	0	0	0
1830 - 1845	38	0	38	0	0	0	0	0	0
1845 - 1900	33	2	35	0	0	0	0	0	0
Hourly Total	153	6	159	0	0	0	0	0	0
TOTAL	1272	64	1336	0	0	0	9	3	12

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Service:



Junction: (3) A - N7 Off Slip / B - Jol

Approach: C - Unnamed Road West

TIME	Left to A - N7 Off Slip			E/B to B - Johnstown			U-Turns to C - Unnamed Road West		
	LIGHT	HEAVY	0	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	0	0	0	12	1	13	0	0	0
0715 - 0730	0	0	0	17	1	18	0	0	0
0730 - 0745	0	0	0	14	2	16	0	0	0
0745 - 0800	0	0	0	22	0	22	0	0	0
Hourly Total	0	0	0	65	4	69	0	0	0
0800 - 0815	0	0	0	18	1	19	0	0	0
0815 - 0830	0	0	0	20	3	23	0	0	0
0830 - 0845	0	0	0	42	3	45	0	0	0
0845 - 0900	0	0	0	55	3	58	0	0	0
Hourly Total	0	0	0	135	10	145	0	0	0
0900 - 0915	0	0	0	42	1	43	0	0	0
0915 - 0930	0	0	0	29	2	31	0	0	0
0930 - 0945	0	0	0	25	1	26	0	0	0
0945 - 1000	0	0	0	15	2	17	0	0	0
Hourly Total	0	0	0	111	6	117	0	0	0
1000 - 1015	0	0	0	31	1	32	0	0	0
1015 - 1030	0	0	0	17	2	19	0	0	0
1030 - 1045	0	0	0	25	2	27	2	0	2
1045 - 1100	0	0	0	21	1	22	0	0	0
Hourly Total	0	0	0	94	6	100	2	0	2
1100 - 1115	0	0	0	27	2	29	0	0	0
1115 - 1130	0	0	0	24	1	25	2	0	2
1130 - 1145	0	0	0	21	1	22	0	0	0
1145 - 1200	0	0	0	22	0	22	0	0	0
Hourly Total	0	0	0	94	4	98	2	0	2
1200 - 1215	0	0	0	25	2	27	0	0	0
1215 - 1230	0	0	0	31	1	32	0	0	0
1230 - 1245	0	0	0	22	0	22	0	0	0
1245 - 1300	0	0	0	35	5	40	0	0	0
Hourly Total	0	0	0	113	8	121	0	0	0
1300 - 1315	0	0	0	39	2	41	0	0	0
1315 - 1330	0	0	0	32	4	36	2	0	2
1330 - 1345	0	0	0	24	4	28	0	0	0
1345 - 1400	0	0	0	32	2	34	0	0	0
Hourly Total	0	0	0	127	12	139	2	0	2
1400 - 1415	0	0	0	23	1	24	0	0	0
1415 - 1430	0	0	0	29	2	31	0	0	0
1430 - 1445	0	0	0	24	2	26	1	0	1
1445 - 1500	0	0	0	27	1	28	0	0	0
Hourly Total	0	0	0	103	6	109	1	0	1
1500 - 1515	0	0	0	26	2	28	0	0	0
1515 - 1530	0	0	0	23	1	24	0	0	0
1530 - 1545	0	0	0	26	1	27	1	0	1
1545 - 1600	0	0	0	35	0	35	0	0	0
Hourly Total	0	0	0	110	4	114	1	0	1
1600 - 1615	0	0	0	33	0	33	0	0	0
1615 - 1630	0	0	0	41	5	46	0	0	0
1630 - 1645	0	0	0	25	1	26	0	0	0
1645 - 1700	0	0	0	40	0	40	0	0	0
Hourly Total	0	0	0	139	6	145	0	0	0
1700 - 1715	0	0	0	37	1	38	0	0	0
1715 - 1730	0	0	0	52	0	52	1	0	1
1730 - 1745	0	0	0	37	2	39	1	0	1
1745 - 1800	0	0	0	41	0	41	2	0	2
Hourly Total	0	0	0	167	3	170	4	0	4
1800 - 1815	0	0	0	35	1	36	0	0	0
1815 - 1830	0	0	0	31	0	31	0	0	0
1830 - 1845	0	0	0	35	0	35	1	0	1
1845 - 1900	0	0	0	36	0	36	0	0	0
Hourly Total	0	0	0	137	1	138	1	0	1
TOTAL	0	0	0	1395	70	1465	13	0	13

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Serv



Junction: (4) A - M7 Off Slip / B

E - Monreal Road / F - M7 On Slip

Approach: A - M7 Off Slip (One-Way Southbound)

TIME	1st Left to B - Unnamed Road East			Second Left to C - Plant Access			S/B to D - Dublin Road			Right to E - Monreal Road			Last Right to F - M7 On Slip			U-Turns to A - M7 Off Slip		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	1	0	1	0	0	0	2	4	6	8	0	8	0	0	0	0	0	0
0715 - 0730	4	0	4	1	0	1	1	1	2	10	3	13	0	0	0	0	0	0
0730 - 0745	2	0	2	0	0	0	7	1	8	16	2	18	0	0	0	0	0	0
0745 - 0800	6	0	6	0	0	0	14	1	15	25	3	28	0	0	0	0	0	0
Hourly Total	13	0	13	1	0	1	24	7	31	59	8	67	0	0	0	0	0	0
0800 - 0815	2	0	2	0	0	0	9	2	11	18	5	23	0	0	0	0	0	0
0815 - 0830	6	0	6	0	0	0	18	3	21	20	1	21	1	0	1	0	0	0
0830 - 0845	6	0	6	1	0	1	33	1	34	41	2	43	0	0	0	0	0	0
0845 - 0900	11	0	11	1	0	1	55	2	57	60	3	63	1	0	1	0	0	0
Hourly Total	25	0	25	2	0	2	115	8	123	139	11	150	2	0	2	0	0	0
0900 - 0915	14	0	14	0	0	0	37	1	38	42	5	47	0	0	0	0	0	0
0915 - 0930	10	1	11	0	0	0	29	0	29	28	3	31	2	0	2	0	0	0
0930 - 0945	5	1	6	0	0	0	24	1	25	23	3	26	0	0	0	0	0	0
0945 - 1000	3	0	3	1	0	1	16	1	17	19	6	25	0	0	0	0	0	0
Hourly Total	32	2	34	1	0	1	106	3	109	112	17	129	2	0	2	0	0	0
1000 - 1015	3	0	3	0	1	1	12	2	14	16	1	17	0	0	0	0	0	0
1015 - 1030	2	1	3	0	0	0	9	2	11	18	3	21	0	0	0	0	0	0
1030 - 1045	3	0	3	0	0	0	14	3	17	7	3	10	0	0	0	0	0	0
1045 - 1100	1	0	1	0	1	1	6	1	7	15	2	17	0	0	0	0	0	0
Hourly Total	9	1	10	0	2	2	41	8	49	56	9	65	0	0	0	0	0	0
1100 - 1115	1	2	3	0	0	0	8	4	12	20	3	23	3	0	3	0	0	0
1115 - 1130	1	0	1	0	0	0	12	2	14	19	3	22	0	0	0	0	0	0
1130 - 1145	0	0	0	0	0	0	15	2	17	16	1	17	2	0	2	0	0	0
1145 - 1200	3	0	3	0	0	0	7	1	8	21	1	22	1	0	1	0	0	0
Hourly Total	5	2	7	0	0	0	42	9	51	76	8	84	6	0	6	0	0	0
1200 - 1215	0	0	0	1	0	1	13	2	15	9	6	15	0	0	0	0	0	0
1215 - 1230	7	1	8	0	0	0	19	0	19	20	3	23	3	0	3	0	0	0
1230 - 1245	3	0	3	0	0	0	7	1	8	15	3	18	0	0	0	0	0	0
1245 - 1300	5	2	7	0	0	0	12	1	13	20	2	22	0	0	0	1	0	1
Hourly Total	15	3	18	1	0	1	51	4	55	64	14	78	3	0	3	1	0	1
1300 - 1315	4	0	4	0	0	0	14	2	16	17	4	21	0	0	0	0	0	0
1315 - 1330	7	1	8	0	0	0	13	0	13	11	3	14	0	0	0	0	0	0
1330 - 1345	0	2	2	1	0	1	17	1	18	22	3	25	0	0	0	0	0	0
1345 - 1400	3	1	4	0	0	0	14	0	14	16	1	17	0	0	0	0	0	0
Hourly Total	14	4	18	1	0	1	58	3	61	66	11	77	0	0	0	0	0	0
1400 - 1415	4	0	4	0	0	0	20	0	20	25	7	32	1	0	1	0	0	0
1415 - 1430	1	1	2	1	0	1	16	1	17	25	2	27	0	0	0	0	0	0
1430 - 1445	1	0	1	0	0	0	21	1	22	21	0	21	0	0	0	0	0	0
1445 - 1500	4	0	4	0	0	0	13	2	15	26	2	28	0	0	0	0	0	0
Hourly Total	10	1	11	1	0	1	70	4	74	97	11	108	1	0	1	0	0	0
1500 - 1515	3	1	4	0	0	0	16	1	17	17	2	19	0	0	0	0	0	0
1515 - 1530	4	1	5	0	0	0	11	2	13	21	5	26	0	0	0	0	0	0
1530 - 1545	1	0	1	0	0	0	19	0	19	21	2	23	1	0	1	1	0	1
1545 - 1600	1	0	1	0	0	0	18	2	20	23	2	25	0	0	0	0	0	0
Hourly Total	9	2	11	0	0	0	64	5	69	82	11	93	1	0	1	1	0	1
1600 - 1615	1	0	1	0	0	0	17	1	18	25	3	28	0	0	0	1	0	1
1615 - 1630	4	0	4	0	0	0	18	0	18	31	1	32	0	0	0	0	0	0
1630 - 1645	2	0	2	0	0	0	12	0	12	22	2	24	0	0	0	1	0	1
1645 - 1700	5	0	5	0	1	1	11	1	12	18	2	20	0	0	0	0	0	0
Hourly Total	12	0	12	0	1	1	58	2	60	96	8	104	0	0	0	2	0	2
1700 - 1715	4	0	4	0	1	1	18	0	18	24	3	27	0	0	0	0	0	0
1715 - 1730	6	0	6	0	0	0	23	0	23	11	1	12	0	0	0	0	0	0
1730 - 1745	6	1	7	1	0	1	9	0	9	22	1	23	0	0	0	0	0	0
1745 - 1800	6	0	6	0	0	0	14	2	16	17	1	18	0	0	0	0	0	0
Hourly Total	22	1	23	1	1	2	64	2	66	74	6	80	0	0	0	0	0	0
1800 - 1815	8	0	8	0	0	0	17	2	19	8	2	10	0	0	0	0	0	0
1815 - 1830	3	0	3	0	0	0	21	1	22	18	0	18	0	0	0	0	0	0
1830 - 1845	6	0	6	0	0	0	8	0	8	15	2	17	0	0	0	0	0	0
1845 - 1900	3	0	3	0	0	0	14	0	14	11	0	11	0	0	0	0	0	0
Hourly Total	20	0	20	0	0	0	60	3	63	52	4	56	0	0	0	0	0	0
TOTAL	186	16	202	8	4	12	753	58	811	973	118	1091	15	0	15	4	0	4

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Serv



Junction: (4) A - M7 Off Slip / B

E - Monreal Road / F - M7 On Slip

Approach: B - Unnamed Road East

TIME	First Left to C - Plant Access			Second Left to D - Dublin Road			Right to E - Monreal Road			Second Right to F - M7 On Slip			Last Right to A - M7 Off Slip			B - Unnamed Road East		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	1	0	1	12	8	20	5	1	6	1	0	1	0	0	0	0	0	0
0715 - 0730	0	0	0	34	6	40	21	4	25	3	0	3	0	0	0	0	0	0
0730 - 0745	0	0	0	39	7	46	33	5	38	1	0	1	0	0	0	0	0	0
0745 - 0800	1	0	1	45	9	54	57	4	61	3	1	4	0	0	0	0	0	0
Hourly Total	2	0	2	130	30	160	116	14	130	8	1	9	0	0	0	0	0	0
0800 - 0815	0	0	0	56	7	63	58	8	66	4	0	4	0	0	0	0	0	0
0815 - 0830	0	0	0	109	5	114	46	5	51	4	0	4	1	1	2	0	0	0
0830 - 0845	0	0	0	79	3	82	55	2	57	3	0	3	0	0	0	0	0	0
0845 - 0900	1	0	1	83	4	87	70	6	76	2	0	2	0	0	0	0	0	0
Hourly Total	1	0	1	327	19	346	229	21	250	13	0	13	1	1	2	0	0	0
0900 - 0915	0	1	1	94	8	102	74	9	83	3	0	3	0	0	0	0	0	0
0915 - 0930	0	0	0	71	6	77	61	11	72	8	0	8	0	0	0	0	0	0
0930 - 0945	0	0	0	76	10	86	52	3	55	3	0	3	0	0	0	0	0	0
0945 - 1000	0	0	0	79	11	90	50	7	57	2	0	2	1	0	1	0	0	0
Hourly Total	0	1	1	320	35	355	237	30	267	16	0	16	1	0	1	0	0	0
1000 - 1015	2	0	2	72	1	73	46	7	53	1	0	1	0	0	0	0	0	0
1015 - 1030	0	0	0	73	7	80	41	6	47	6	0	6	0	0	0	0	0	0
1030 - 1045	1	0	1	66	6	72	32	8	40	2	0	2	0	0	0	0	0	0
1045 - 1100	0	0	0	78	4	82	55	6	61	2	0	2	0	0	0	0	0	0
Hourly Total	3	0	3	289	18	307	174	27	201	11	0	11	0	0	0	0	0	0
1100 - 1115	0	0	0	42	4	46	45	6	51	1	0	1	0	0	0	0	0	0
1115 - 1130	0	0	0	71	10	81	43	3	46	1	0	1	1	0	1	0	0	0
1130 - 1145	0	0	0	67	2	69	51	6	57	0	0	0	3	0	3	0	0	0
1145 - 1200	0	0	0	61	7	68	48	4	52	2	1	3	1	0	1	1	0	1
Hourly Total	0	0	0	241	23	264	187	19	206	4	1	5	5	0	5	1	0	1
1200 - 1215	0	0	0	77	4	81	64	10	74	3	0	3	0	0	0	0	0	0
1215 - 1230	0	0	0	85	6	91	60	4	64	4	0	4	0	0	0	0	0	0
1230 - 1245	0	0	0	64	5	69	58	6	64	2	0	2	0	0	0	0	0	0
1245 - 1300	0	0	0	96	8	104	67	11	78	3	0	3	0	0	0	0	0	0
Hourly Total	0	0	0	322	23	345	249	31	280	12	0	12	0	0	0	0	0	0
1300 - 1315	1	0	1	78	7	85	68	3	71	4	0	4	0	1	1	0	0	0
1315 - 1330	0	0	0	84	4	88	69	3	72	3	0	3	0	0	0	0	0	0
1330 - 1345	0	0	0	97	5	102	71	7	78	5	1	6	2	0	2	0	0	0
1345 - 1400	1	0	1	85	13	98	39	5	44	4	0	4	0	0	0	0	0	0
Hourly Total	2	0	2	344	29	373	247	18	265	16	1	17	2	1	3	0	0	0
1400 - 1415	1	0	1	77	4	81	64	6	70	6	0	6	1	0	1	0	0	0
1415 - 1430	0	0	0	87	7	94	63	5	68	6	2	8	0	0	0	0	0	0
1430 - 1445	1	0	1	90	4	94	64	2	66	6	0	6	1	1	2	0	0	0
1445 - 1500	0	0	0	88	3	91	77	5	82	4	0	4	1	0	1	0	0	0
Hourly Total	2	0	2	342	18	360	268	18	286	22	2	24	3	1	4	0	0	0
1500 - 1515	1	0	1	83	3	86	87	2	89	6	0	6	2	0	2	0	0	0
1515 - 1530	0	0	0	119	6	125	73	7	80	7	0	7	2	1	3	0	0	0
1530 - 1545	0	0	0	99	9	108	91	7	98	4	0	4	1	0	1	0	0	0
1545 - 1600	2	0	2	106	9	115	86	4	90	4	0	4	0	0	0	0	0	0
Hourly Total	3	0	3	407	27	434	337	20	357	21	0	21	5	1	6	0	0	0
1600 - 1615	1	0	1	123	16	139	109	9	118	6	0	6	2	0	2	0	0	0
1615 - 1630	1	0	1	132	8	140	77	7	84	4	1	5	3	0	3	0	1	1
1630 - 1645	1	0	1	151	9	160	104	1	105	12	0	12	0	0	0	0	0	0
1645 - 1700	0	0	0	141	4	145	125	3	128	6	0	6	1	0	1	0	0	0
Hourly Total	3	0	3	547	37	584	415	20	435	28	1	29	6	0	6	0	1	1
1700 - 1715	1	0	1	163	2	165	108	1	109	10	0	10	1	0	1	0	0	0
1715 - 1730	0	0	0	170	5	175	116	2	118	11	0	11	0	1	1	0	0	0
1730 - 1745	0	0	0	201	5	206	102	2	104	13	0	13	1	0	1	0	0	0
1745 - 1800	0	0	0	191	4	195	102	1	103	9	3	12	0	0	0	0	0	0
Hourly Total	1	0	1	725	16	741	428	6	434	43	3	46	2	1	3	0	0	0
1800 - 1815	0	0	0	198	3	201	87	1	88	3	0	3	1	0	1	0	0	0
1815 - 1830	1	0	1	195	8	203	115	4	119	3	0	3	5	0	5	0	0	0
1830 - 1845	0	0	0	159	2	161	90	1	91	3	0	3	2	0	2	0	0	0
1845 - 1900	0	0	0	159	3	162	89	1	90	1	0	1	0	0	0	0	0	0
Hourly Total	1	0	1	711	16	727	381	7	388	10	0	10	8	0	8	0	0	0
TOTAL	18	1	19	4705	291	4996	3268	231	3499	204	9	213	33	5	38	1	1	2

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Serv



Junction: (4) A - M7 Off Slip / B - Monreal Road / F - M7 On Slip

Approach: C - Plant Access

TIME	Left to D - Dublin Road			W/B to E - Monreal Road			Right to F - M7 On Slip			Second Right to A - M7 Off Slip			1st Right to B - Unnamed Road Ea			U-Turns to C - Plant Access		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0730 - 0745	2	1	3	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
0745 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	2	1	3	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
0800 - 0815	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0830 - 0845	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
0845 - 0900	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	6	0	6	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 0915	0	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
0915 - 0930	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0930 - 0945	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
0945 - 1000	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	1	2	3	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
1000 - 1015	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1015 - 1030	0	0	0	0	0	0	0	0	0	2	1	3	0	0	0	0	0	0
1030 - 1045	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1045 - 1100	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	4	0	4	0	0	0	0	0	0	2	1	3	0	0	0	0	0	0
1100 - 1115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1115 - 1130	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1130 - 1145	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1145 - 1200	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1215	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
1215 - 1230	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1230 - 1245	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1245 - 1300	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Hourly Total	1	0	1	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
1300 - 1315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1315 - 1330	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1330 - 1345	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1345 - 1400	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	5	0	5	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1415	3	0	3	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0
1415 - 1430	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
1430 - 1445	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1445 - 1500	2	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Hourly Total	7	0	7	0	0	0	1	0	1	1	1	2	1	0	1	0	0	0
1500 - 1515	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1515 - 1530	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1530 - 1545	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1545 - 1600	4	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	8	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1615	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1615 - 1630	1	0	1	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0
1630 - 1645	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1645 - 1700	4	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	11	1	12	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0
1700 - 1715	3	0	3	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
1715 - 1730	2	0	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1730 - 1745	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1745 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	6	0	6	0	1	1	0	0	0	1	0	1	0	0	0	0	0	0
1800 - 1815	2	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
1815 - 1830	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1830 - 1845	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1845 - 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	3	0	3	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
TOTAL	57	5	62	2	1	3	3	0	3	10	2	12	1	0	1	0	0	0

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Serv



Junction: (4) A - M7 Off Slip / B

E - Monreal Road / F - M7 On Slip

Approach: D - Dublin Road (One-Way Southbound)

TIME	Left to E - Monreal Road			Second Left to F - M7 On Slip			N/B to A - M7 Off Slip			Right to B - Unnamed Road East			Last Right to C - Plant Access			U-Turns to D - Dublin Road		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	13	2	15	1	1	2	104	3	107	3	1	4	0	0	0	0	0	0
0715 - 0730	10	2	12	4	0	4	151	4	155	3	1	4	0	0	0	2	0	2
0730 - 0745	21	2	23	9	0	9	169	7	176	4	2	6	0	0	0	0	0	0
0745 - 0800	31	2	33	15	2	17	145	3	148	3	0	3	0	0	0	0	1	1
Hourly Total	75	8	83	29	3	32	569	17	586	13	4	17	0	0	0	2	1	3
0800 - 0815	23	3	26	18	2	20	186	5	191	8	3	11	0	0	0	0	0	0
0815 - 0830	21	2	23	16	2	18	165	3	168	12	2	14	0	0	0	0	0	0
0830 - 0845	40	7	47	20	2	22	107	4	111	16	1	17	0	0	0	0	0	0
0845 - 0900	66	0	66	22	2	24	117	4	121	15	0	15	0	0	0	0	0	0
Hourly Total	150	12	162	76	8	84	575	16	591	51	6	57	0	0	0	0	0	0
0900 - 0915	40	5	45	19	1	20	96	7	103	6	0	6	0	0	0	0	0	0
0915 - 0930	40	1	41	11	2	13	79	7	86	9	1	10	0	0	0	0	0	0
0930 - 0945	31	2	33	8	1	9	79	6	85	13	0	13	0	0	0	0	0	0
0945 - 1000	37	3	40	14	1	15	70	5	75	5	2	7	0	0	0	0	0	0
Hourly Total	148	11	159	52	5	57	324	25	349	33	3	36	0	0	0	0	0	0
1000 - 1015	29	2	31	13	0	13	59	4	63	13	0	13	0	0	0	1	0	1
1015 - 1030	30	1	31	13	2	15	67	3	70	8	1	9	0	0	0	0	0	0
1030 - 1045	42	2	44	6	0	6	63	2	65	11	0	11	0	0	0	1	0	1
1045 - 1100	44	2	46	17	0	17	59	7	66	11	1	12	0	0	0	0	0	0
Hourly Total	145	7	152	49	2	51	248	16	264	43	2	45	0	0	0	2	0	2
1100 - 1115	52	1	53	11	2	13	53	7	60	11	0	11	0	0	0	0	0	0
1115 - 1130	52	3	55	7	3	10	56	4	60	15	0	15	0	0	0	0	0	0
1130 - 1145	49	2	51	7	1	8	76	6	82	13	0	13	0	0	0	0	0	0
1145 - 1200	58	6	64	10	2	12	74	9	83	6	0	6	0	0	0	1	0	1
Hourly Total	211	12	223	35	8	43	259	26	285	45	0	45	0	0	0	1	0	1
1200 - 1215	61	3	64	15	4	19	54	1	55	11	1	12	0	0	0	0	0	0
1215 - 1230	56	0	56	14	0	14	67	8	75	14	0	14	0	0	0	0	0	0
1230 - 1245	44	1	45	9	3	12	64	1	65	10	0	10	0	0	0	0	0	0
1245 - 1300	51	2	53	16	2	18	61	6	67	17	1	18	0	0	0	2	0	2
Hourly Total	212	6	218	54	9	63	246	16	262	52	2	54	0	0	0	2	0	2
1300 - 1315	65	3	68	18	1	19	53	5	58	14	1	15	0	0	0	0	0	0
1315 - 1330	50	3	53	12	1	13	58	1	59	13	0	13	0	0	0	0	0	0
1330 - 1345	51	3	54	17	0	17	63	7	70	10	3	13	0	0	0	0	0	0
1345 - 1400	64	1	65	17	0	17	54	5	59	18	0	18	0	0	0	0	0	0
Hourly Total	230	10	240	64	2	66	228	18	246	55	4	59	0	0	0	0	0	0
1400 - 1415	60	5	65	12	1	13	49	3	52	9	0	9	0	0	0	0	0	0
1415 - 1430	50	5	55	14	2	16	65	2	67	14	0	14	0	0	0	2	0	2
1430 - 1445	50	5	55	13	1	14	55	9	64	13	0	13	0	0	0	0	0	0
1445 - 1500	62	3	65	11	2	13	54	10	64	12	0	12	0	0	0	0	0	0
Hourly Total	222	18	240	50	6	56	223	24	247	48	0	48	0	0	0	2	0	2
1500 - 1515	77	4	81	15	0	15	46	5	51	11	2	13	0	0	0	0	0	0
1515 - 1530	53	3	56	18	3	21	56	2	58	9	0	9	0	0	0	0	0	0
1530 - 1545	62	5	67	21	2	23	75	3	78	10	2	12	0	0	0	0	0	0
1545 - 1600	54	2	56	13	1	14	53	1	54	13	0	13	0	0	0	0	0	0
Hourly Total	246	14	260	67	6	73	230	11	241	43	4	47	0	0	0	0	0	0
1600 - 1615	51	3	54	19	2	21	61	4	65	19	0	19	0	0	0	0	0	0
1615 - 1630	49	6	55	20	2	22	46	7	53	11	2	13	0	0	0	0	0	0
1630 - 1645	52	1	53	26	2	28	68	3	71	18	1	19	0	0	0	0	0	0
1645 - 1700	49	2	51	26	4	30	74	4	78	21	0	21	0	0	0	1	0	1
Hourly Total	201	12	213	91	10	101	249	18	267	69	3	72	0	0	0	1	0	1
1700 - 1715	60	3	63	39	2	41	68	3	71	19	0	19	0	0	0	0	0	0
1715 - 1730	34	0	34	31	2	33	83	3	86	26	0	26	0	0	0	0	0	0
1730 - 1745	33	1	34	37	2	39	81	3	84	19	0	19	0	0	0	0	0	0
1745 - 1800	35	1	36	21	0	21	94	3	97	20	0	20	0	0	0	0	0	0
Hourly Total	162	5	167	128	6	134	326	12	338	84	0	84	0	0	0	0	0	0
1800 - 1815	41	2	43	14	0	14	73	2	75	11	1	12	0	0	0	0	0	0
1815 - 1830	28	0	28	10	0	10	53	1	54	11	0	11	0	0	0	0	0	0
1830 - 1845	20	1	21	9	0	9	48	2	50	28	0	28	0	0	0	0	0	0
1845 - 1900	32	0	32	5	0	5	47	1	48	17	0	17	0	0	0	2	0	2
Hourly Total	121	3	124	38	0	38	221	6	227	67	1	68	0	0	0	2	0	2
TOTAL	2123	118	2241	733	65	798	3698	205	3903	603	29	632	0	0	0	12	1	13

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Serv



Junction: (4) A - M7 Off Slip / B

E - Monreal Road / F - M7 On Slip

Approach: E - Monreal Road

TIME	First Left to F - M7 On Slip			Second Left to A - M7 Off Slip			Third Left to B - Unnamed Road E			E/B to C - Plant Access			Right to D - Dublin Road			U-Turns to E - Monreal Road		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	10	1	11	101	1	102	10	1	11	0	0	0	5	0	5	1	0	1
0715 - 0730	11	2	13	105	9	114	8	0	8	0	0	0	10	1	11	0	0	0
0730 - 0745	4	0	4	138	3	141	6	0	6	1	1	2	6	3	9	0	0	0
0745 - 0800	25	1	26	139	1	140	10	0	10	0	0	0	24	0	24	0	0	0
Hourly Total	50	4	54	483	14	497	34	1	35	1	1	2	45	4	49	1	0	1
0800 - 0815	23	2	25	131	5	136	4	0	4	0	0	0	19	0	19	0	0	0
0815 - 0830	34	0	34	123	3	126	5	0	5	0	0	0	23	2	25	0	0	0
0830 - 0845	4	6	10	108	5	113	14	1	15	0	0	0	31	5	36	0	0	0
0845 - 0900	10	5	15	96	10	106	16	2	18	1	0	1	36	2	38	0	0	0
Hourly Total	71	13	84	458	23	481	39	3	42	1	0	1	109	9	118	0	0	0
0900 - 0915	9	2	11	101	7	108	26	1	27	0	0	0	31	2	33	0	0	0
0915 - 0930	11	4	15	88	8	96	18	1	19	0	0	0	29	3	32	0	0	0
0930 - 0945	18	4	22	83	8	91	6	0	6	0	0	0	22	3	25	0	0	0
0945 - 1000	14	5	19	72	9	81	7	0	7	0	0	0	32	1	33	0	0	0
Hourly Total	52	15	67	344	32	376	57	2	59	0	0	0	114	9	123	0	0	0
1000 - 1015	12	2	14	62	13	75	6	1	7	0	0	0	30	1	31	0	0	0
1015 - 1030	16	4	20	60	5	65	7	0	7	1	0	1	29	1	30	1	0	1
1030 - 1045	10	2	12	55	7	62	12	2	14	0	0	0	37	1	38	0	0	0
1045 - 1100	16	3	19	56	7	63	7	0	7	0	0	0	31	2	33	0	0	0
Hourly Total	54	11	65	233	32	265	32	3	35	1	0	1	127	5	132	1	0	1
1100 - 1115	14	1	15	41	8	49	11	1	12	0	0	0	32	1	33	0	1	1
1115 - 1130	16	3	19	68	7	75	11	1	12	0	0	0	32	4	36	0	0	0
1130 - 1145	14	2	16	62	5	67	12	1	13	1	0	1	43	0	43	0	0	0
1145 - 1200	14	7	21	61	5	66	13	1	14	0	0	0	44	0	44	0	0	0
Hourly Total	58	13	71	232	25	257	47	4	51	1	0	1	151	5	156	0	1	1
1200 - 1215	13	2	15	63	5	68	19	1	20	0	0	0	44	1	45	0	0	0
1215 - 1230	24	6	30	70	3	73	18	0	18	0	0	0	46	0	46	0	0	0
1230 - 1245	19	6	25	50	9	59	13	0	13	0	0	0	40	0	40	1	0	1
1245 - 1300	11	3	14	55	4	59	20	2	22	0	0	0	39	1	40	0	0	0
Hourly Total	67	17	84	238	21	259	70	3	73	0	0	0	169	2	171	1	0	1
1300 - 1315	15	3	18	52	6	58	20	0	20	0	0	0	43	3	46	1	0	1
1315 - 1330	14	2	16	68	3	71	12	3	15	0	0	0	46	1	47	0	0	0
1330 - 1345	19	4	23	63	8	71	15	1	16	0	0	0	40	0	40	1	0	1
1345 - 1400	24	0	24	61	4	65	10	1	11	1	0	1	45	4	49	2	0	2
Hourly Total	72	9	81	244	21	265	57	5	62	1	0	1	174	8	182	4	0	4
1400 - 1415	17	2	19	51	10	61	12	0	12	0	0	0	32	0	32	0	0	0
1415 - 1430	15	6	21	54	6	60	12	0	12	0	0	0	43	4	47	0	0	0
1430 - 1445	30	6	36	61	8	69	15	1	16	0	1	1	39	4	43	0	0	0
1445 - 1500	29	5	34	44	15	59	9	0	9	0	0	0	32	0	32	1	0	1
Hourly Total	91	19	110	210	39	249	48	1	49	0	1	1	146	8	154	1	0	1
1500 - 1515	27	5	32	54	7	61	12	0	12	0	0	0	39	1	40	0	0	0
1515 - 1530	31	3	34	54	6	60	12	0	12	0	0	0	50	4	54	1	0	1
1530 - 1545	26	0	26	63	8	71	11	0	11	0	0	0	42	5	47	0	0	0
1545 - 1600	21	2	23	62	5	67	13	0	13	0	0	0	37	0	37	0	0	0
Hourly Total	105	10	115	233	26	259	48	0	48	0	0	0	168	10	178	1	0	1
1600 - 1615	25	1	26	64	2	66	9	0	9	0	0	0	42	2	44	1	0	1
1615 - 1630	27	2	29	46	3	49	17	1	18	0	0	0	39	3	42	2	0	2
1630 - 1645	47	1	48	52	8	60	4	0	4	0	0	0	37	4	41	1	0	1
1645 - 1700	36	2	38	63	7	70	10	0	10	0	0	0	52	0	52	0	0	0
Hourly Total	135	6	141	225	20	245	40	1	41	0	0	0	170	9	179	4	0	4
1700 - 1715	46	1	47	76	4	80	17	1	18	0	0	0	46	2	48	1	0	1
1715 - 1730	34	1	35	71	4	75	22	0	22	0	0	0	51	1	52	0	0	0
1730 - 1745	38	0	38	75	5	80	21	1	22	0	0	0	44	1	45	1	0	1
1745 - 1800	30	1	31	71	4	75	14	0	14	0	0	0	41	2	43	1	0	1
Hourly Total	148	3	151	293	17	310	74	2	76	0	0	0	182	6	188	3	0	3
1800 - 1815	45	3	48	67	2	69	19	0	19	0	0	0	34	1	35	0	0	0
1815 - 1830	41	1	42	62	2	64	14	1	15	0	0	0	30	0	30	1	0	1
1830 - 1845	36	2	38	67	3	70	9	0	9	0	0	0	31	1	32	0	0	0
1845 - 1900	44	2	46	64	2	66	12	0	12	0	0	0	30	0	30	0	0	0
Hourly Total	166	8	174	260	9	269	54	1	55	0	0	0	125	2	127	1	0	1
TOTAL	1069	128	1197	3453	279	3732	600	26	626	5	2	7	1680	77	1757	17	1	18

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Services Ltd



Junction: (5) A - R407 Salling Road North / (7) Salling Road West

Approach: A - R407 Salling Road North

TIME	Left to B - Mouread Road			S/B to C - R407 Salling Road South			Right to D - R407 Salling Road West			U-Turns to A - R407 Salling Road North		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	68	3	71	13	1	14	24	0	24	0	0	0
0715 - 0730	72	6	78	29	3	32	26	3	29	0	0	0
0730 - 0745	81	3	84	39	2	41	30	1	31	0	0	0
0745 - 0800	105	5	110	38	2	40	43	2	45	0	0	0
Hourly Total	326	17	343	119	8	127	123	6	129	0	0	0
0800 - 0815	92	5	97	49	4	53	59	0	59	1	0	1
0815 - 0830	75	5	80	65	1	66	74	2	76	0	0	0
0830 - 0845	60	5	65	55	0	55	85	6	91	0	0	0
0845 - 0900	96	3	99	48	3	51	77	5	82	0	0	0
Hourly Total	323	18	341	217	8	225	295	13	308	1	0	1
0900 - 0915	61	6	67	48	3	51	58	1	59	0	0	0
0915 - 0930	75	4	79	51	1	52	51	4	55	1	0	1
0930 - 0945	81	6	87	61	2	63	43	5	48	0	0	0
0945 - 1000	69	4	73	67	1	68	44	3	47	0	0	0
Hourly Total	286	20	306	227	7	234	196	13	209	1	0	1
1000 - 1015	53	2	55	55	0	55	45	3	48	0	0	0
1015 - 1030	65	5	70	54	1	55	31	2	33	0	0	0
1030 - 1045	62	3	65	58	5	63	32	3	35	0	0	0
1045 - 1100	64	7	71	56	1	57	30	1	31	0	0	0
Hourly Total	244	17	261	223	7	230	138	9	147	0	0	0
1100 - 1115	57	6	63	53	1	54	33	1	34	0	0	0
1115 - 1130	43	6	49	46	1	47	26	2	28	0	0	0
1130 - 1145	49	2	51	56	3	59	19	3	22	0	0	0
1145 - 1200	60	2	62	46	1	47	36	4	40	0	0	0
Hourly Total	209	16	225	201	6	207	114	10	124	0	0	0
1200 - 1215	51	1	52	51	0	51	24	4	28	0	0	0
1215 - 1230	63	4	67	42	0	42	27	3	30	0	0	0
1230 - 1245	72	3	75	63	0	63	38	2	40	0	0	0
1245 - 1300	49	4	53	63	1	64	35	0	35	0	0	0
Hourly Total	235	12	247	219	1	220	124	9	133	0	0	0
1300 - 1315	56	3	59	53	1	54	24	2	26	0	0	0
1315 - 1330	69	4	73	57	2	59	44	3	47	0	0	0
1330 - 1345	46	5	51	54	1	55	45	4	49	0	0	0
1345 - 1400	62	6	68	58	0	58	30	5	35	0	0	0
Hourly Total	233	18	251	222	4	226	143	14	157	0	0	0
1400 - 1415	54	6	60	46	0	46	47	1	48	0	0	0
1415 - 1430	46	1	47	55	0	55	22	4	26	0	0	0
1430 - 1445	46	5	51	48	2	50	30	3	33	0	1	1
1445 - 1500	61	6	67	54	0	54	33	3	36	0	0	0
Hourly Total	207	18	225	203	2	205	132	11	143	0	1	1
1500 - 1515	70	6	76	54	2	56	35	5	40	0	0	0
1515 - 1530	86	5	91	58	3	61	36	6	42	0	0	0
1530 - 1545	69	5	74	79	0	79	50	3	53	0	0	0
1545 - 1600	75	4	79	54	0	54	36	5	41	0	0	0
Hourly Total	300	20	320	245	5	250	157	19	176	0	0	0
1600 - 1615	61	2	63	68	0	68	52	1	53	0	0	0
1615 - 1630	55	3	58	46	1	47	33	1	34	0	0	0
1630 - 1645	76	5	81	61	0	61	41	3	44	0	0	0
1645 - 1700	75	3	78	61	1	62	50	7	57	0	0	0
Hourly Total	267	13	280	236	2	238	176	12	188	0	0	0
1700 - 1715	69	1	70	65	1	66	45	3	48	0	0	0
1715 - 1730	54	4	58	52	0	52	47	2	49	0	0	0
1730 - 1745	66	2	68	63	0	63	49	1	50	0	0	0
1745 - 1800	61	1	62	54	1	55	46	3	49	0	0	0
Hourly Total	250	8	258	234	2	236	187	9	196	0	0	0
1800 - 1815	64	1	65	68	0	68	40	2	42	0	0	0
1815 - 1830	70	2	72	87	1	88	45	1	46	0	0	0
1830 - 1845	46	0	46	52	3	55	44	4	48	0	0	0
1845 - 1900	55	1	56	46	0	46	56	0	56	0	0	0
Hourly Total	235	4	239	253	4	257	185	7	192	0	0	0
TOTAL	3115	181	3296	2599	56	2655	1970	132	2102	2	1	3

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Services Ltd



Junction: (5) A - R407 Salling Road North

7 Salling Road West

Approach: B - Mouread Road

TIME	Left to C - R407 Salling Road South			W/B to D - R407 Salling Road West			Right to A - R407 Salling Road North			U-Turns to B - Mouread Road		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	7	0	7	10	1	11	30	3	33	0	0	0
0715 - 0730	4	1	5	12	1	13	40	2	42	0	0	0
0730 - 0745	4	0	4	19	1	20	24	1	25	0	0	0
0745 - 0800	6	0	6	37	2	39	36	5	41	0	0	0
Hourly Total	21	1	22	78	5	83	130	11	141	0	0	0
0800 - 0815	11	1	12	41	2	43	36	3	39	0	0	0
0815 - 0830	17	0	17	52	1	53	45	5	50	0	0	0
0830 - 0845	9	0	9	56	3	59	63	3	66	0	0	0
0845 - 0900	24	1	25	79	3	82	67	1	68	0	0	0
Hourly Total	61	2	63	228	9	237	211	12	223	0	0	0
0900 - 0915	8	0	8	68	0	68	53	6	59	0	0	0
0915 - 0930	9	1	10	52	2	54	49	3	52	0	0	0
0930 - 0945	11	0	11	32	2	34	50	1	51	0	0	0
0945 - 1000	12	0	12	47	7	54	43	4	47	0	0	0
Hourly Total	40	1	41	199	11	210	195	14	209	0	0	0
1000 - 1015	13	1	14	32	2	34	37	2	39	0	0	0
1015 - 1030	9	1	10	35	3	38	47	2	49	0	0	0
1030 - 1045	13	0	13	33	4	37	57	10	67	0	0	0
1045 - 1100	15	1	16	35	3	38	53	7	60	0	0	0
Hourly Total	50	3	53	135	12	147	194	21	215	0	0	0
1100 - 1115	17	1	18	38	3	41	50	1	51	0	0	0
1115 - 1130	18	0	18	35	2	37	55	3	58	0	0	0
1130 - 1145	16	0	16	35	1	36	56	6	62	0	0	0
1145 - 1200	16	0	16	42	5	47	65	5	70	0	0	0
Hourly Total	67	1	68	150	11	161	226	15	241	0	0	0
1200 - 1215	24	1	25	30	5	35	56	4	60	0	0	0
1215 - 1230	18	0	18	47	2	49	74	4	78	0	0	0
1230 - 1245	25	1	26	42	0	42	70	6	76	0	0	0
1245 - 1300	21	0	21	50	6	56	63	4	67	0	0	0
Hourly Total	88	2	90	169	13	182	263	18	281	0	0	0
1300 - 1315	25	0	25	49	1	50	81	5	86	0	0	0
1315 - 1330	24	0	24	53	5	58	60	3	63	0	0	0
1330 - 1345	28	0	28	61	1	62	63	5	68	0	0	0
1345 - 1400	23	0	23	76	0	76	65	3	68	0	0	0
Hourly Total	100	0	100	239	7	246	269	16	285	0	0	0
1400 - 1415	22	0	22	50	4	54	77	8	85	0	0	0
1415 - 1430	29	1	30	55	4	59	94	5	99	0	0	0
1430 - 1445	32	0	32	34	0	34	67	6	73	0	0	0
1445 - 1500	25	1	26	43	0	43	79	7	86	0	0	0
Hourly Total	108	2	110	182	8	190	317	26	343	0	0	0
1500 - 1515	26	0	26	45	3	48	95	7	102	0	0	0
1515 - 1530	25	0	25	46	4	50	65	6	71	0	0	0
1530 - 1545	12	0	12	64	6	70	62	3	65	0	0	0
1545 - 1600	27	0	27	57	3	60	90	4	94	0	0	0
Hourly Total	90	0	90	212	16	228	312	20	332	0	0	0
1600 - 1615	20	0	20	50	6	56	110	3	113	0	0	0
1615 - 1630	16	0	16	53	7	60	89	3	92	0	0	0
1630 - 1645	21	0	21	65	3	68	87	2	89	0	0	0
1645 - 1700	38	1	39	48	3	51	95	2	97	0	0	0
Hourly Total	95	1	96	216	19	235	381	10	391	0	0	0
1700 - 1715	20	0	20	56	2	58	95	3	98	0	0	0
1715 - 1730	21	1	22	67	1	68	99	0	99	0	0	0
1730 - 1745	31	0	31	41	2	43	88	1	89	0	0	0
1745 - 1800	20	0	20	57	0	57	94	2	96	0	0	0
Hourly Total	92	1	93	221	5	226	376	6	382	0	0	0
1800 - 1815	13	0	13	57	2	59	79	0	79	0	0	0
1815 - 1830	23	0	23	53	2	55	85	2	87	0	0	0
1830 - 1845	16	0	16	48	0	48	86	2	88	0	0	0
1845 - 1900	31	0	31	45	0	45	77	3	80	0	0	0
Hourly Total	83	0	83	203	4	207	327	7	334	0	0	0
TOTAL	895	14	909	2232	120	2352	3201	176	3377	0	0	0

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Produced by Streetwise Services Ltd



Junction: (5) A - R407 Salling Road North / 7 Salling Road West

Approach: C - R407 Salling Road South

TIME	Left to D - R407 Salling Road West			N/B to A - R407 Salling Road North			Right to B - Mouread Road			U-Turns to C - R407 Salling Road South		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	6	0	6	35	0	35	18	0	18	0	0	0
0715 - 0730	5	0	5	55	1	56	25	0	25	0	0	0
0730 - 0745	16	1	17	58	0	58	43	0	43	0	0	0
0745 - 0800	26	0	26	74	0	74	34	1	35	0	0	0
Hourly Total	53	1	54	222	1	223	120	1	121	0	0	0
0800 - 0815	25	0	25	74	0	74	34	0	34	0	0	0
0815 - 0830	32	2	34	69	2	71	28	0	28	0	0	0
0830 - 0845	54	1	55	60	1	61	17	0	17	0	0	0
0845 - 0900	54	0	54	51	0	51	18	0	18	0	0	0
Hourly Total	165	3	168	254	3	257	97	0	97	0	0	0
0900 - 0915	47	1	48	73	1	74	43	2	45	0	0	0
0915 - 0930	46	0	46	79	0	79	25	0	25	1	0	1
0930 - 0945	25	1	26	53	2	55	16	2	18	0	0	0
0945 - 1000	22	0	22	45	1	46	18	0	18	0	0	0
Hourly Total	140	2	142	250	4	254	102	4	106	1	0	1
1000 - 1015	19	0	19	41	1	42	17	1	18	0	0	0
1015 - 1030	10	0	10	47	1	48	19	1	20	0	0	0
1030 - 1045	7	0	7	40	1	41	19	0	19	0	0	0
1045 - 1100	23	0	23	50	1	51	25	1	26	0	0	0
Hourly Total	59	0	59	178	4	182	80	3	83	0	0	0
1100 - 1115	24	0	24	64	2	66	20	0	20	0	0	0
1115 - 1130	15	0	15	62	3	65	19	1	20	0	0	0
1130 - 1145	11	0	11	57	1	58	30	1	31	0	0	0
1145 - 1200	19	0	19	50	2	52	23	0	23	0	0	0
Hourly Total	69	0	69	233	8	241	92	2	94	0	0	0
1200 - 1215	15	0	15	64	0	64	23	0	23	0	0	0
1215 - 1230	19	0	19	46	0	46	17	0	17	0	0	0
1230 - 1245	23	1	24	66	2	68	20	1	21	0	0	0
1245 - 1300	17	0	17	59	1	60	18	0	18	0	0	0
Hourly Total	74	1	75	235	3	238	78	1	79	0	0	0
1300 - 1315	23	1	24	56	0	56	18	0	18	1	0	1
1315 - 1330	32	0	32	40	1	41	22	1	23	0	0	0
1330 - 1345	25	0	25	65	1	66	36	1	37	0	0	0
1345 - 1400	34	0	34	57	1	58	21	0	21	0	0	0
Hourly Total	114	1	115	218	3	221	97	2	99	1	0	1
1400 - 1415	29	1	30	46	0	46	24	0	24	0	0	0
1415 - 1430	22	0	22	62	1	63	22	2	24	0	0	0
1430 - 1445	23	1	24	70	2	72	39	0	39	0	0	0
1445 - 1500	28	0	28	47	2	49	26	1	27	0	0	0
Hourly Total	102	2	104	225	5	230	111	3	114	0	0	0
1500 - 1515	23	1	24	71	0	71	20	0	20	0	0	0
1515 - 1530	21	1	22	57	1	58	24	0	24	0	0	0
1530 - 1545	20	0	20	47	1	48	29	0	29	1	0	1
1545 - 1600	19	0	19	77	0	77	30	1	31	1	0	1
Hourly Total	83	2	85	252	2	254	103	1	104	2	0	2
1600 - 1615	24	1	25	64	0	64	18	0	18	0	0	0
1615 - 1630	19	0	19	63	6	69	23	0	23	0	0	0
1630 - 1645	19	1	20	57	1	58	29	0	29	2	0	2
1645 - 1700	16	0	16	64	1	65	9	0	9	1	0	1
Hourly Total	78	2	80	248	8	256	79	0	79	3	0	3
1700 - 1715	33	0	33	81	0	81	19	0	19	1	0	1
1715 - 1730	33	0	33	66	0	66	20	0	20	0	0	0
1730 - 1745	29	1	30	57	0	57	21	0	21	0	0	0
1745 - 1800	14	0	14	72	0	72	18	0	18	0	0	0
Hourly Total	109	1	110	276	0	276	78	0	78	1	0	1
1800 - 1815	22	1	23	68	0	68	11	1	12	0	0	0
1815 - 1830	23	0	23	64	1	65	14	0	14	0	0	0
1830 - 1845	14	0	14	57	1	58	22	0	22	1	0	1
1845 - 1900	27	0	27	60	0	60	21	0	21	0	0	0
Hourly Total	86	1	87	249	2	251	68	1	69	1	0	1
TOTAL	1132	16	1148	2840	43	2883	1105	18	1123	9	0	9

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Services Ltd



Junction: (5) A - R407 Salling Road North

7 Salling Road West

Approach: D - R407 Salling Road West

TIME	Left to A - R407 Salling Road North			E/B to B - Mouread Road			Right to C - R407 Salling Road South			U-Turns to D - R407 Salling Road West		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	26	4	30	19	4	23	0	0	0	0	0	0
0715 - 0730	31	1	32	29	3	32	1	0	1	0	0	0
0730 - 0745	29	3	32	36	1	37	2	0	2	0	0	0
0745 - 0800	48	3	51	59	1	60	7	0	7	0	0	0
Hourly Total	134	11	145	143	9	152	10	0	10	0	0	0
0800 - 0815	54	3	57	44	4	48	6	0	6	0	0	0
0815 - 0830	39	2	41	37	4	41	13	0	13	0	0	0
0830 - 0845	48	5	53	64	3	67	9	0	9	0	0	0
0845 - 0900	44	1	45	65	5	70	18	0	18	1	0	1
Hourly Total	185	11	196	210	16	226	46	0	46	1	0	1
0900 - 0915	66	4	70	64	3	67	14	0	14	1	0	1
0915 - 0930	49	1	50	57	4	61	14	0	14	0	1	1
0930 - 0945	39	5	44	48	3	51	14	0	14	0	0	0
0945 - 1000	30	3	33	52	3	55	17	0	17	0	0	0
Hourly Total	184	13	197	221	13	234	59	0	59	1	1	2
1000 - 1015	37	2	39	35	0	35	9	1	10	0	0	0
1015 - 1030	31	1	32	30	2	32	10	0	10	0	0	0
1030 - 1045	19	4	23	45	3	48	10	0	10	1	0	1
1045 - 1100	29	3	32	52	2	54	12	0	12	0	0	0
Hourly Total	116	10	126	162	7	169	41	1	42	1	0	1
1100 - 1115	34	1	35	48	1	49	16	1	17	0	0	0
1115 - 1130	29	2	31	39	2	41	11	0	11	0	1	1
1130 - 1145	27	1	28	47	3	50	9	0	9	0	0	0
1145 - 1200	51	2	53	43	4	47	15	0	15	0	0	0
Hourly Total	141	6	147	177	10	187	51	1	52	0	1	1
1200 - 1215	39	2	41	46	3	49	14	0	14	0	0	0
1215 - 1230	32	4	36	50	3	53	11	1	12	0	0	0
1230 - 1245	43	2	45	48	5	53	28	0	28	0	0	0
1245 - 1300	36	0	36	65	1	66	22	1	23	0	0	0
Hourly Total	150	8	158	209	12	221	75	2	77	0	0	0
1300 - 1315	62	5	67	64	1	65	32	0	32	0	0	0
1315 - 1330	33	5	38	50	0	50	27	0	27	0	0	0
1330 - 1345	37	2	39	53	0	53	13	0	13	0	0	0
1345 - 1400	26	2	28	39	2	41	22	0	22	0	0	0
Hourly Total	158	14	172	206	3	209	94	0	94	0	0	0
1400 - 1415	37	0	37	49	4	53	23	0	23	0	0	0
1415 - 1430	31	3	34	43	7	50	16	2	18	0	0	0
1430 - 1445	33	2	35	33	8	41	12	0	12	0	0	0
1445 - 1500	22	4	26	37	3	40	4	0	4	0	0	0
Hourly Total	123	9	132	162	22	184	55	2	57	0	0	0
1500 - 1515	31	4	35	41	5	46	13	1	14	0	0	0
1515 - 1530	36	3	39	43	5	48	17	1	18	0	0	0
1530 - 1545	32	3	35	46	6	52	10	1	11	0	0	0
1545 - 1600	35	3	38	47	5	52	11	1	12	0	0	0
Hourly Total	134	13	147	177	21	198	51	4	55	0	0	0
1600 - 1615	57	1	58	52	0	52	11	0	11	0	0	0
1615 - 1630	51	3	54	56	3	59	14	0	14	0	0	0
1630 - 1645	55	1	56	48	3	51	13	0	13	0	0	0
1645 - 1700	53	4	57	49	3	52	16	0	16	0	0	0
Hourly Total	216	9	225	205	9	214	54	0	54	0	0	0
1700 - 1715	53	3	56	79	2	81	20	0	20	0	0	0
1715 - 1730	57	4	61	66	3	69	17	0	17	0	0	0
1730 - 1745	83	3	86	68	1	69	22	0	22	0	0	0
1745 - 1800	73	3	76	52	0	52	17	0	17	0	0	0
Hourly Total	266	13	279	265	6	271	76	0	76	0	0	0
1800 - 1815	75	3	78	41	0	41	12	0	12	0	0	0
1815 - 1830	46	3	49	39	2	41	14	0	14	0	0	0
1830 - 1845	44	0	44	23	3	26	13	0	13	1	0	1
1845 - 1900	39	1	40	35	0	35	16	0	16	1	0	1
Hourly Total	204	7	211	138	5	143	55	0	55	2	0	2
TOTAL	2011	124	2135	2275	133	2408	667	10	677	5	2	7

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Services Ltd



Junction: (6) A - Unnamed Road North / R409 New Caragh Court W

Approach: A - Unnamed Road North

TIME	Left to B - R409 New Caragh Court E			S/B to C - Unnamed Road South			Right to D - R409 New Caragh Court W			U-Turns to A - Unnamed Road North		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	1	0	1	28	1	29	5	0	5	0	0	0
0715 - 0730	3	0	3	34	2	36	6	1	7	0	0	0
0730 - 0745	1	0	1	39	0	39	7	0	7	0	0	0
0745 - 0800	5	0	5	59	3	62	13	1	14	0	0	0
Hourly Total	10	0	10	160	6	166	31	2	33	0	0	0
0800 - 0815	9	0	9	72	3	75	8	2	10	0	0	0
0815 - 0830	20	1	21	81	2	83	11	0	11	0	0	0
0830 - 0845	38	0	38	90	7	97	14	2	16	0	0	0
0845 - 0900	36	1	37	94	3	97	14	3	17	0	0	0
Hourly Total	103	2	105	337	15	352	47	7	54	0	0	0
0900 - 0915	23	0	23	61	5	66	10	0	10	0	0	0
0915 - 0930	27	0	27	39	3	42	11	2	13	0	0	0
0930 - 0945	18	1	19	51	8	59	13	1	14	1	0	1
0945 - 1000	22	0	22	46	3	49	13	6	19	0	0	0
Hourly Total	90	1	91	197	19	216	47	9	56	1	0	1
1000 - 1015	22	0	22	55	4	59	8	4	12	1	0	1
1015 - 1030	17	0	17	45	3	48	12	3	15	0	0	0
1030 - 1045	10	0	10	34	1	35	9	5	14	0	0	0
1045 - 1100	10	0	10	39	3	42	8	3	11	0	0	0
Hourly Total	59	0	59	173	11	184	37	15	52	1	0	1
1100 - 1115	22	0	22	51	4	55	14	1	15	0	0	0
1115 - 1130	22	0	22	45	3	48	8	0	8	0	0	0
1130 - 1145	9	0	9	44	5	49	8	3	11	0	0	0
1145 - 1200	15	0	15	55	5	60	11	0	11	0	0	0
Hourly Total	68	0	68	195	17	212	41	4	45	0	0	0
1200 - 1215	10	2	12	41	7	48	19	1	20	0	0	0
1215 - 1230	17	0	17	46	3	49	12	1	13	0	0	0
1230 - 1245	22	0	22	76	2	78	11	1	12	0	0	0
1245 - 1300	30	1	31	59	1	60	26	3	29	0	0	0
Hourly Total	79	3	82	222	13	235	68	6	74	0	0	0
1300 - 1315	24	0	24	47	2	49	24	3	27	1	0	1
1315 - 1330	20	1	21	63	3	66	15	2	17	0	0	0
1330 - 1345	25	1	26	64	4	68	13	1	14	0	0	0
1345 - 1400	19	2	21	54	1	55	19	1	20	0	0	0
Hourly Total	88	4	92	228	10	238	71	7	78	1	0	1
1400 - 1415	27	1	28	54	0	54	16	0	16	0	0	0
1415 - 1430	20	0	20	43	6	49	14	1	15	1	0	1
1430 - 1445	22	0	22	57	1	58	12	1	13	0	1	1
1445 - 1500	20	0	20	46	2	48	26	3	29	0	0	0
Hourly Total	89	1	90	200	9	209	68	5	73	1	1	2
1500 - 1515	25	0	25	43	8	51	32	1	33	1	0	1
1515 - 1530	26	1	27	52	8	60	14	1	15	1	0	1
1530 - 1545	25	1	26	73	2	75	17	1	18	0	0	0
1545 - 1600	30	0	30	66	4	70	24	5	29	0	0	0
Hourly Total	106	2	108	234	22	256	87	8	95	2	0	2
1600 - 1615	31	0	31	60	4	64	29	2	31	1	0	1
1615 - 1630	23	0	23	63	3	66	36	2	38	0	0	0
1630 - 1645	33	2	35	72	7	79	24	2	26	0	0	0
1645 - 1700	31	1	32	62	5	67	27	4	31	0	0	0
Hourly Total	118	3	121	257	19	276	116	10	126	1	0	1
1700 - 1715	36	0	36	117	3	120	40	2	42	0	0	0
1715 - 1730	44	0	44	74	3	77	50	2	52	0	0	0
1730 - 1745	34	0	34	97	3	100	40	0	40	0	0	0
1745 - 1800	37	0	37	59	3	62	42	0	42	0	0	0
Hourly Total	151	0	151	347	12	359	172	4	176	0	0	0
1800 - 1815	43	0	43	93	2	95	29	1	30	0	0	0
1815 - 1830	41	0	41	68	0	68	28	3	31	1	0	1
1830 - 1845	28	0	28	53	4	57	28	1	29	0	0	0
1845 - 1900	57	0	57	67	0	67	21	0	21	0	0	0
Hourly Total	169	0	169	281	6	287	106	5	111	1	0	1
TOTAL	1130	16	1146	2831	159	2990	891	82	973	8	1	9

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Services Ltd



Junction: (6) A - Unnamed Road North / R409 New Caragh Court W

Approach: B - R409 New Caragh Court E

TIME	Left to C - Unnamed Road South			W/B to D - R409 New Caragh Court W			Right to A - Unnamed Road North			U-Turns to B - R409 New Caragh Court E		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	1	0	1	7	0	7	8	0	8	0	0	0
0715 - 0730	3	1	4	10	0	10	10	0	10	0	0	0
0730 - 0745	3	0	3	8	1	9	16	0	16	0	0	0
0745 - 0800	13	0	13	9	2	11	18	1	19	0	0	0
Hourly Total	20	1	21	34	3	37	52	1	53	0	0	0
0800 - 0815	7	0	7	13	0	13	17	0	17	0	0	0
0815 - 0830	10	0	10	17	0	17	23	2	25	0	0	0
0830 - 0845	8	0	8	11	1	12	40	0	40	0	0	0
0845 - 0900	10	0	10	26	0	26	52	1	53	0	0	0
Hourly Total	35	0	35	67	1	68	132	3	135	0	0	0
0900 - 0915	6	0	6	34	0	34	50	3	53	0	0	0
0915 - 0930	2	0	2	13	2	15	16	2	18	0	0	0
0930 - 0945	6	0	6	10	1	11	18	1	19	0	0	0
0945 - 1000	1	0	1	12	0	12	12	0	12	0	0	0
Hourly Total	15	0	15	69	3	72	96	6	102	0	0	0
1000 - 1015	2	0	2	16	0	16	16	0	16	0	0	0
1015 - 1030	1	0	1	6	0	6	13	0	13	0	0	0
1030 - 1045	3	0	3	9	0	9	15	0	15	0	0	0
1045 - 1100	2	0	2	14	0	14	22	0	22	0	0	0
Hourly Total	8	0	8	45	0	45	66	0	66	0	0	0
1100 - 1115	1	0	1	14	0	14	18	0	18	0	0	0
1115 - 1130	2	0	2	15	0	15	14	0	14	0	0	0
1130 - 1145	3	0	3	15	1	16	18	0	18	0	0	0
1145 - 1200	1	0	1	19	0	19	21	0	21	1	0	1
Hourly Total	7	0	7	63	1	64	71	0	71	1	0	1
1200 - 1215	8	0	8	18	1	19	12	0	12	0	0	0
1215 - 1230	3	0	3	14	0	14	21	0	21	0	0	0
1230 - 1245	1	0	1	15	1	16	24	1	25	1	0	1
1245 - 1300	3	0	3	19	1	20	18	0	18	0	0	0
Hourly Total	15	0	15	66	3	69	75	1	76	1	0	1
1300 - 1315	2	0	2	29	0	29	14	0	14	0	0	0
1315 - 1330	5	0	5	26	0	26	14	0	14	0	0	0
1330 - 1345	1	0	1	20	0	20	29	2	31	0	0	0
1345 - 1400	2	0	2	17	1	18	15	0	15	0	0	0
Hourly Total	10	0	10	92	1	93	72	2	74	0	0	0
1400 - 1415	6	0	6	21	0	21	20	0	20	0	0	0
1415 - 1430	2	0	2	23	0	23	21	2	23	0	0	0
1430 - 1445	3	0	3	30	0	30	12	0	12	0	0	0
1445 - 1500	3	0	3	21	0	21	25	1	26	0	0	0
Hourly Total	14	0	14	95	0	95	78	3	81	0	0	0
1500 - 1515	3	0	3	33	0	33	15	0	15	0	0	0
1515 - 1530	4	1	5	27	0	27	17	0	17	0	0	0
1530 - 1545	3	1	4	19	0	19	14	0	14	0	0	0
1545 - 1600	3	0	3	26	2	28	24	1	25	1	0	1
Hourly Total	13	2	15	105	2	107	70	1	71	1	0	1
1600 - 1615	5	0	5	29	0	29	24	1	25	0	0	0
1615 - 1630	4	0	4	42	3	45	26	2	28	0	0	0
1630 - 1645	7	0	7	40	0	40	23	0	23	0	0	0
1645 - 1700	4	1	5	40	0	40	17	0	17	0	0	0
Hourly Total	20	1	21	151	3	154	90	3	93	0	0	0
1700 - 1715	6	0	6	69	1	70	24	0	24	0	0	0
1715 - 1730	12	0	12	63	1	64	27	0	27	0	0	0
1730 - 1745	10	0	10	65	0	65	33	0	33	0	0	0
1745 - 1800	4	0	4	58	1	59	24	0	24	0	0	0
Hourly Total	32	0	32	255	3	258	108	0	108	0	0	0
1800 - 1815	8	0	8	37	0	37	27	0	27	0	0	0
1815 - 1830	4	0	4	38	1	39	23	1	24	0	0	0
1830 - 1845	1	0	1	34	0	34	17	0	17	0	0	0
1845 - 1900	4	0	4	24	0	24	12	0	12	0	0	0
Hourly Total	17	0	17	133	1	134	79	1	80	0	0	0
TOTAL	206	4	210	1175	21	1196	989	21	1010	3	0	3

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Services Ltd



Junction: (6) A - Unnamed Road North / R409 New Caragh Court W

Approach: C - Unnamed Road South

TIME	Left to D - R409 New Caragh Court W			N/B to A - Unnamed Road North			Right to B - R409 New Caragh Court E			U-Turns to C - Unnamed Road South		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	7	1	8	26	4	30	1	0	1	0	0	0
0715 - 0730	8	2	10	30	1	31	1	0	1	0	0	0
0730 - 0745	14	3	17	30	5	35	1	0	1	0	0	0
0745 - 0800	11	6	17	57	3	60	1	0	1	0	0	0
Hourly Total	40	12	52	143	13	156	4	0	4	0	0	0
0800 - 0815	16	4	20	64	3	67	4	0	4	0	0	0
0815 - 0830	13	3	16	62	2	64	3	1	4	1	0	1
0830 - 0845	16	2	18	73	5	78	0	0	0	0	0	0
0845 - 0900	21	2	23	95	2	97	1	0	1	0	0	0
Hourly Total	66	11	77	294	12	306	8	1	9	1	0	1
0900 - 0915	19	3	22	70	3	73	2	0	2	0	0	0
0915 - 0930	18	2	20	64	3	67	2	0	2	0	0	0
0930 - 0945	17	3	20	57	9	66	0	0	0	0	0	0
0945 - 1000	9	6	15	47	3	50	4	0	4	0	0	0
Hourly Total	63	14	77	238	18	256	8	0	8	0	0	0
1000 - 1015	10	4	14	48	1	49	2	0	2	0	0	0
1015 - 1030	8	0	8	34	1	35	2	0	2	0	0	0
1030 - 1045	8	3	11	33	6	39	3	0	3	0	0	0
1045 - 1100	11	1	12	41	5	46	2	0	2	0	0	0
Hourly Total	37	8	45	156	13	169	9	0	9	0	0	0
1100 - 1115	8	4	12	43	3	46	3	0	3	0	0	0
1115 - 1130	12	5	17	45	3	48	1	0	1	0	0	0
1130 - 1145	9	5	14	37	0	37	3	0	3	0	0	0
1145 - 1200	22	5	27	58	4	62	7	0	7	0	0	0
Hourly Total	51	19	70	183	10	193	14	0	14	0	0	0
1200 - 1215	12	5	17	50	8	58	1	0	1	0	0	0
1215 - 1230	6	4	10	46	6	52	2	0	2	0	0	0
1230 - 1245	8	3	11	44	2	46	0	0	0	0	0	0
1245 - 1300	15	6	21	50	4	54	2	0	2	0	0	0
Hourly Total	41	18	59	190	20	210	5	0	5	0	0	0
1300 - 1315	22	8	30	64	3	67	2	0	2	1	0	1
1315 - 1330	14	1	15	35	4	39	0	0	0	0	0	0
1330 - 1345	20	3	23	65	1	66	1	0	1	0	0	0
1345 - 1400	22	3	25	53	5	58	0	0	0	0	0	0
Hourly Total	78	15	93	217	13	230	3	0	3	1	0	1
1400 - 1415	17	3	20	60	1	61	6	0	6	0	0	0
1415 - 1430	20	2	22	39	6	45	0	0	0	0	0	0
1430 - 1445	14	2	16	47	3	50	5	0	5	1	0	1
1445 - 1500	16	5	21	28	8	36	0	0	0	0	0	0
Hourly Total	67	12	79	174	18	192	11	0	11	1	0	1
1500 - 1515	19	7	26	49	6	55	5	0	5	0	0	0
1515 - 1530	23	1	24	54	4	58	4	0	4	0	0	0
1530 - 1545	20	2	22	50	5	55	5	0	5	0	0	0
1545 - 1600	13	6	19	44	5	49	3	0	3	0	0	0
Hourly Total	75	16	91	197	20	217	17	0	17	0	0	0
1600 - 1615	29	2	31	61	3	64	3	0	3	0	0	0
1615 - 1630	27	1	28	67	2	69	2	0	2	0	0	0
1630 - 1645	33	2	35	62	3	65	9	0	9	0	0	0
1645 - 1700	33	6	39	67	5	72	8	0	8	1	0	1
Hourly Total	122	11	133	257	13	270	22	0	22	1	0	1
1700 - 1715	33	5	38	72	5	77	5	0	5	0	0	0
1715 - 1730	31	5	36	67	3	70	6	0	6	0	0	0
1730 - 1745	42	3	45	62	5	67	6	1	7	0	0	0
1745 - 1800	28	3	31	79	5	84	10	0	10	0	0	0
Hourly Total	134	16	150	280	18	298	27	1	28	0	0	0
1800 - 1815	35	2	37	60	2	62	7	0	7	0	0	0
1815 - 1830	24	3	27	56	2	58	5	0	5	1	0	1
1830 - 1845	21	1	22	55	0	55	5	0	5	0	0	0
1845 - 1900	30	4	34	56	1	57	3	0	3	0	0	0
Hourly Total	110	10	120	227	5	232	20	0	20	1	0	1
TOTAL	884	162	1046	2556	173	2729	148	2	150	5	0	5

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Services Ltd



Junction: (6) A - Unnamed Road North / R409 New Caragh Court W

Approach: D - R409 New Caragh Court W

TIME	Left to A - Unnamed Road North			E/B to B - R409 New Caragh Court E			Right to C - Unnamed Road South			U-Turns to D - R409 New Caragh Court W		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	18	4	22	6	0	6	21	0	21	0	0	0
0715 - 0730	26	2	28	18	0	18	14	3	17	0	0	0
0730 - 0745	25	3	28	28	0	28	9	2	11	0	0	0
0745 - 0800	50	1	51	30	0	30	22	4	26	0	0	0
Hourly Total	119	10	129	82	0	82	66	9	75	0	0	0
0800 - 0815	42	2	44	24	3	27	27	4	31	0	0	0
0815 - 0830	46	3	49	55	3	58	32	3	35	0	0	0
0830 - 0845	49	4	53	75	2	77	42	2	44	0	0	0
0845 - 0900	59	5	64	59	1	60	30	11	41	0	0	0
Hourly Total	196	14	210	213	9	222	191	20	151	0	0	0
0900 - 0915	49	1	50	72	0	72	24	0	24	0	0	0
0915 - 0930	43	1	44	62	0	62	22	5	27	0	0	0
0930 - 0945	27	2	29	44	0	44	19	3	22	0	0	0
0945 - 1000	24	0	24	39	0	39	12	2	14	0	0	0
Hourly Total	143	4	147	217	0	217	77	10	87	0	0	0
1000 - 1015	14	3	17	28	1	29	11	3	14	0	0	0
1015 - 1030	11	3	14	17	2	19	14	6	20	0	0	0
1030 - 1045	18	1	19	22	1	23	11	3	14	0	0	0
1045 - 1100	11	2	13	22	1	23	9	2	11	0	0	0
Hourly Total	54	9	63	89	5	94	45	14	59	0	0	0
1100 - 1115	12	0	12	26	1	27	9	1	10	1	0	1
1115 - 1130	16	0	16	19	0	19	12	5	17	0	0	0
1130 - 1145	17	3	20	18	0	18	13	2	15	0	0	0
1145 - 1200	12	3	15	22	0	22	7	1	8	0	0	0
Hourly Total	57	6	63	85	1	86	41	9	50	1	0	1
1200 - 1215	9	1	10	20	0	20	11	6	17	0	0	0
1215 - 1230	11	0	11	40	0	40	12	4	16	0	0	0
1230 - 1245	11	2	13	19	0	19	11	3	14	0	0	0
1245 - 1300	13	1	14	22	0	22	7	7	14	0	0	0
Hourly Total	44	4	48	101	0	101	41	20	61	0	0	0
1300 - 1315	17	0	17	21	0	21	6	2	8	0	0	0
1315 - 1330	15	1	16	20	0	20	12	0	12	0	0	0
1330 - 1345	16	0	16	25	1	26	11	6	17	0	0	0
1345 - 1400	24	1	25	25	0	25	12	2	14	0	0	0
Hourly Total	72	2	74	91	1	92	41	10	51	0	0	0
1400 - 1415	11	6	17	26	0	26	13	1	14	0	0	0
1415 - 1430	15	8	23	18	1	19	5	4	9	0	0	0
1430 - 1445	11	3	14	16	0	16	13	2	15	1	0	1
1445 - 1500	13	2	15	13	0	13	19	0	19	0	0	0
Hourly Total	50	19	69	73	1	74	50	7	57	1	0	1
1500 - 1515	22	3	25	36	1	37	17	4	21	0	0	0
1515 - 1530	23	2	25	34	0	34	21	1	22	0	0	0
1530 - 1545	16	2	18	22	2	24	8	4	12	0	0	0
1545 - 1600	14	0	14	34	1	35	9	1	10	0	0	0
Hourly Total	75	7	82	126	4	130	55	10	65	0	0	0
1600 - 1615	15	1	16	30	1	31	10	2	12	1	0	1
1615 - 1630	19	0	19	22	1	23	10	1	11	0	0	0
1630 - 1645	16	2	18	15	0	15	13	5	18	0	0	0
1645 - 1700	21	1	22	30	0	30	13	1	14	0	0	0
Hourly Total	71	4	75	97	2	99	46	9	55	1	0	1
1700 - 1715	19	2	21	28	0	28	15	3	18	0	0	0
1715 - 1730	13	1	14	32	0	32	15	1	16	1	0	1
1730 - 1745	18	0	18	27	0	27	9	1	10	0	0	0
1745 - 1800	11	2	13	45	0	45	15	1	16	1	0	1
Hourly Total	61	5	66	132	0	132	54	6	60	2	0	2
1800 - 1815	12	1	13	36	0	36	14	1	15	3	0	3
1815 - 1830	11	4	15	35	0	35	6	0	6	0	0	0
1830 - 1845	8	0	8	31	0	31	7	1	8	0	0	0
1845 - 1900	15	0	15	34	0	34	20	2	22	1	0	1
Hourly Total	46	5	51	136	0	136	47	4	51	4	0	4
TOTAL	988	89	1077	1442	23	1465	694	128	822	9	0	9

Naas - Manual Traffic Survey, Tuesday 17th April 2012

Produced by Streetwise Services Ltd.



Junction: (7) A - M7 Off Slip / B - R445 East / C - M7 Access

Approach: A - M7 Off Slip (One-Way Southbound)

TIME	Left to B - R445 East					S/B to C - M7 Access Road					Right to D - R445 West					Last Right to E - R445 North					U-Turns to A - M7 Off Slip (BANNED)									
	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL
0700 - 0715	0	0	0	5	0	5	1	0	0	0	0	1	12	5	0	2	0	19	2	0	0	1	0	3	0	0	0	0	0	0
0715 - 0730	5	1	0	3	0	9	0	0	0	0	0	0	24	2	3	4	0	33	7	3	0	1	0	11	0	0	0	0	0	
0730 - 0745	14	0	2	6	0	22	0	0	0	0	0	0	39	7	2	5	0	53	10	3	1	1	0	15	0	0	0	0	0	
0745 - 0800	6	0	1	2	0	9	1	0	0	0	0	1	68	14	6	5	0	93	14	2	1	1	1	19	0	0	0	0	0	
Hourly Total	25	1	3	16	0	45	2	0	0	0	0	2	143	28	11	16	0	198	33	8	2	4	1	48	0	0	0	0	0	
0800 - 0815	7	0	1	5	0	13	0	0	0	0	0	0	69	2	1	6	1	79	29	1	0	3	0	33	0	0	0	0	0	
0815 - 0830	9	1	1	3	0	14	0	0	0	0	0	0	56	7	2	5	0	70	28	6	0	2	1	37	0	0	0	0	0	
0830 - 0845	5	2	0	4	0	11	0	0	0	0	0	0	61	8	2	4	0	75	27	3	0	0	0	30	0	0	0	0	0	
0845 - 0900	9	4	3	2	0	18	0	0	0	0	0	0	40	7	7	7	0	61	22	3	0	1	0	26	0	0	0	0	0	
Hourly Total	30	7	5	14	0	56	0	0	0	0	0	0	226	24	12	22	1	285	106	13	0	6	1	126	0	0	0	0	0	
0900 - 0915	12	1	1	3	0	17	0	1	0	0	0	1	40	5	2	4	0	51	27	4	1	1	0	33	0	0	0	0	0	
0915 - 0930	7	1	1	1	0	10	0	0	0	0	0	0	37	5	4	6	0	52	12	3	1	1	0	17	0	0	0	0	0	
0930 - 0945	8	2	1	2	0	13	0	0	0	0	0	0	48	5	5	10	0	68	18	1	3	0	0	22	0	0	0	0	0	
0945 - 1000	18	2	1	6	0	27	0	1	2	0	0	3	42	3	1	6	0	52	9	4	2	1	0	16	0	0	0	0	0	
Hourly Total	45	6	4	12	0	67	0	2	2	0	0	4	167	18	12	26	0	223	66	12	7	3	0	88	0	0	0	0	0	
1000 - 1015	8	2	1	4	0	15	0	0	0	0	0	0	40	8	1	3	0	52	12	5	2	4	0	23	0	0	0	0	0	
1015 - 1030	12	5	0	3	0	20	2	1	1	0	0	4	30	5	3	4	0	42	9	3	1	2	0	15	0	0	0	0	0	
1030 - 1045	11	3	0	3	0	17	0	1	0	0	0	1	32	3	5	5	1	46	8	2	2	1	0	13	0	0	0	0	0	
1045 - 1100	8	2	0	0	0	10	1	0	1	0	0	2	38	6	1	4	0	49	14	1	1	0	0	16	0	0	0	0	0	
Hourly Total	39	12	1	10	0	62	3	2	2	0	0	7	140	22	10	16	1	189	43	11	6	7	0	67	0	0	0	0	0	
1100 - 1115	12	2	2	4	0	20	1	1	0	0	0	2	32	5	3	7	0	47	11	2	0	4	0	17	0	0	0	0	0	
1115 - 1130	8	3	3	1	0	15	3	1	0	0	0	4	29	5	3	2	0	39	8	5	1	3	0	17	0	0	0	0	0	
1130 - 1145	13	2	1	0	0	16	2	1	0	0	0	3	28	1	3	5	0	37	12	3	2	2	0	19	0	0	0	0	0	
1145 - 1200	6	2	4	2	0	14	2	1	0	1	0	4	31	3	3	6	0	43	22	6	2	3	0	33	0	0	0	0	0	
Hourly Total	39	9	10	7	0	65	8	4	0	1	0	13	120	14	12	20	0	166	53	16	5	12	0	86	0	0	0	0	0	
1200 - 1215	13	3	1	1	0	18	2	1	0	0	0	3	30	9	6	3	1	49	14	6	0	2	0	22	0	0	0	0	0	
1215 - 1230	8	3	3	1	0	15	1	0	0	0	0	1	31	4	2	3	0	40	11	2	1	5	0	19	0	0	0	0	0	
1230 - 1245	11	2	2	0	0	15	2	0	0	1	0	3	43	7	2	3	0	55	19	5	2	1	0	27	0	0	0	0	0	
1245 - 1300	9	3	3	3	0	18	0	1	0	0	0	1	34	11	4	0	0	49	20	1	2	3	0	26	0	0	0	0	0	
Hourly Total	41	11	9	5	0	66	5	2	0	1	0	8	138	31	14	9	1	193	64	14	5	11	0	94	0	0	0	0	0	
1300 - 1315	10	3	3	0	0	16	0	0	0	0	0	0	43	7	3	6	0	59	17	2	5	3	0	27	0	0	0	0	0	
1315 - 1330	16	3	2	2	0	23	2	1	0	0	0	3	39	7	4	1	0	51	22	5	3	1	0	31	0	0	0	0	0	
1330 - 1345	8	3	3	2	0	16	1	1	0	0	0	2	38	5	3	1	0	50	10	1	0	3	0	14	0	0	0	0	0	
1345 - 1400	4	2	1	3	0	10	0	0	0	0	0	0	29	5	1	1	0	36	17	8	2	0	0	27	0	0	0	0	0	
Hourly Total	38	11	9	7	0	65	3	2	0	0	0	5	149	24	11	11	1	196	66	16	10	7	0	99	0	0	0	0	0	
1400 - 1415	3	6	1	1	0	11	0	0	0	0	0	0	46	4	1	4	0	55	15	2	1	0	0	18	0	0	0	0	0	
1415 - 1430	10	1	0	1	1	13	0	2	0	1	0	3	45	7	2	1	0	55	14	3	6	4	0	27	0	0	0	0	0	
1430 - 1445	12	2	1	2	0	17	1	0	0	0	0	1	41	8	4	3	0	56	12	1	2	2	0	17	0	0	0	0	0	
1445 - 1500	14	6	0	3	0	23	2	1	0	0	0	3	34	9	2	1	0	46	18	1	1	4	0	24	0	0	0	0	0	
Hourly Total	39	15	2	7	1	64	3	3	0	1	0	7	166	28	9	9	0	212	59	7	10	10	0	86	0	0	0	0	0	
1500 - 1515	10	1	0	0	0	11	2	0	1	0	0	3	29	7	2	1	1	40	23	4	1	2	0	30	0	0	0	0	0	
1515 - 1530	15	2	0	0	0	17	1	0	0	0	0	1	41	8	2	3	0	54	17	7	2	3	0	29	0	0	0	0	0	
1530 - 1545	20	5	3	2	1	31	2	0	0	0	0	2	47	9	6	1	0	63	22	11	3	4	0	40	0	0	0	0	0	
1545 - 1600	26	6	2	2	0	36	5	1	0	0	0	6	37	5	6	1	0	49	28	6	0	3	0	37	0	0	0	0	0	
Hourly Total	71	14	5	4	1	95	10	1	0	0	0	12	154	29	16	6	1	206	90	28	6	12	0	136	0	0	0	0	0	
1600 - 1615	17	5	3	1	0	26	3	0	0	1	0	4	31	8	3	1	0	43	28	5	1	4	0	38	0	0	0	0	0	
1615 - 1630	14	4	1	0	0	19	2	0	0	0	0	2	36	10	0	0	0	46	36	3	1	4	0	44	0	0	0	0	0	
1630 - 1645	20	3	2	4	0	29	1	1	1	0	0	3	40	7	1	2	0	50	37	8	4	3	0	52	0	0	0	0	0	
1645 - 1700	26	4	2	2	0	34	1	1	1	0	0	3	48	1	5	3	0	57	38	6	0	0	0	44	0	0	0	0	0	
Hourly Total	77	16	8	7	0	108	7	2	2	1	0	12	155	26	9	6	0	196	139	22	6	11	0	178	0	0	0	0	0	
1700 - 1715	20	2	1	1	0	24	0	0	0	0	0	0	42	8	0	6	0	56	39	7	1	3	0	50	0	0	0	0	0	
1715 - 1730	23	2	0	3	0	28	3	1	0	0	0	4	60	2	2	5	0	69	41	5	0	0	1	47	0	0	0	0	0	
1730 - 1745	24	2	0	0	0	26	4	2	0	0	0	6	65	7	4	1	1	78	46	5										

Naas - Manual Traffic Survey, Tuesday 17th April 2012

Produced by Streetwise Services Ltd.



Junction: (7) A - M7 Off Slip / B - R445 East / C - M7 Access

Approach: B - R445 East

TIME	Left to C - M7 Access Road						W/B to D - R445 West						Right to E - R445 North						Last Right to A - M7 Off Slip (BANNED)						U-Turns to B - R445 East					
	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL
0700 - 0715	17	8	1	2	1	29	17	3	0	3	0	23	8	2	2	1	0	13	0	0	0	0	0	0	0	0	0	0	0	
0715 - 0730	35	9	5	3	0	52	21	2	0	3	1	27	15	1	1	1	0	18	0	0	0	0	0	0	0	0	0	0		
0730 - 0745	53	7	4	1	0	65	65	10	0	1	0	76	9	8	1	2	0	20	0	0	0	0	0	0	0	0	0	0		
0745 - 0800	46	5	3	3	0	57	73	5	2	4	1	85	31	7	0	6	0	44	0	0	0	0	0	0	0	0	0	0		
Hourly Total	151	29	13	9	1	203	176	20	2	11	2	211	63	18	4	10	0	95	0	0	0	0	0	0	0	0	0	0		
0800 - 0815	83	6	2	2	0	93	66	7	1	0	0	74	15	11	6	4	0	36	0	0	0	0	0	0	0	0	0	0		
0815 - 0830	94	5	3	1	0	103	70	5	0	2	3	80	37	2	2	2	0	43	0	0	0	0	0	0	0	0	0	0		
0830 - 0845	81	6	2	1	0	90	69	6	2	2	1	80	35	12	4	1	0	52	0	0	0	0	0	0	0	0	0	0		
0845 - 0900	93	5	1	3	0	102	62	8	1	2	1	74	55	6	1	6	1	69	0	0	0	0	0	0	0	0	0	0		
Hourly Total	351	22	8	7	0	388	267	26	4	6	5	308	142	31	13	13	1	200	0	0	0	0	0	0	0	0	0			
0900 - 0915	48	6	1	2	0	57	49	7	1	1	0	58	39	7	0	2	0	48	0	0	0	0	0	0	0	0	0	0		
0915 - 0930	48	4	3	3	0	58	57	17	3	0	0	77	36	5	2	9	1	53	0	0	0	0	0	0	0	1	1	2		
0930 - 0945	58	7	1	4	0	70	60	16	0	1	3	80	8	9	0	1	2	20	0	0	0	0	0	0	0	0	0	0		
0945 - 1000	36	4	3	1	0	44	91	6	4	4	1	106	41	1	0	1	1	44	0	0	0	0	0	0	0	0	0	0		
Hourly Total	190	21	8	10	0	229	257	46	8	6	4	321	124	22	2	13	4	165	0	0	0	0	0	0	0	1	1	2		
1000 - 1015	43	10	3	5	0	61	55	8	1	1	0	65	22	5	1	0	0	28	0	0	0	0	0	0	0	0	0	0		
1015 - 1030	43	12	3	2	0	60	65	5	0	2	1	73	21	2	3	6	0	32	0	0	0	0	0	0	0	0	0	0		
1030 - 1045	39	7	5	5	0	56	57	4	4	5	1	71	14	2	3	3	0	22	0	0	0	0	0	0	0	0	0	0		
1045 - 1100	36	9	1	7	0	53	63	16	3	2	2	86	16	5	4	3	0	28	0	0	0	0	0	0	0	0	1	0		
Hourly Total	161	38	12	19	0	230	240	33	8	10	4	295	73	14	11	12	0	110	0	0	0	0	0	0	0	1	0	1		
1100 - 1115	31	6	1	3	0	41	65	8	2	2	1	78	29	15	4	1	0	49	0	0	0	0	0	0	0	1	0	0		
1115 - 1130	33	5	4	4	0	46	57	6	7	0	1	71	27	12	3	4	0	46	0	0	0	0	0	0	0	0	0	0		
1130 - 1145	31	8	0	1	0	40	61	12	3	1	1	78	31	13	4	2	0	50	0	0	0	0	0	0	0	1	1	2		
1145 - 1200	37	3	1	2	0	43	69	6	2	0	1	78	23	8	2	3	0	36	0	0	0	0	0	0	0	0	0	0		
Hourly Total	132	22	6	10	0	170	252	32	14	3	4	305	110	48	13	10	0	181	0	0	0	0	0	0	2	1	0	3		
1200 - 1215	40	10	2	1	0	53	70	8	2	1	1	82	34	7	2	2	0	45	0	0	0	0	0	0	0	0	0	0		
1215 - 1230	36	6	1	2	0	45	76	12	2	2	2	94	37	8	4	2	0	51	0	0	0	0	0	0	0	0	0	0		
1230 - 1245	40	6	2	1	0	49	78	13	0	1	1	93	29	3	1	5	0	38	0	0	0	0	0	0	0	0	0	0		
1245 - 1300	53	1	0	4	0	58	78	14	2	1	0	95	26	9	0	2	0	37	0	0	0	0	0	0	0	0	0	0		
Hourly Total	169	23	5	8	0	205	302	47	6	5	4	364	126	27	7	11	0	171	0	0	0	0	0	0	0	0	0	0		
1300 - 1315	59	7	1	2	0	69	75	16	5	1	1	98	44	10	0	1	0	55	0	0	0	0	0	0	0	0	0	0		
1315 - 1330	44	4	4	0	1	53	75	7	4	0	2	88	42	5	0	2	2	51	0	0	0	0	0	0	0	0	0	0		
1330 - 1345	52	8	1	2	1	64	76	8	3	2	2	91	25	5	3	2	0	35	0	0	0	0	0	0	0	0	0	0		
1345 - 1400	46	4	1	1	0	52	68	12	1	1	1	83	17	2	0	3	0	22	0	0	0	0	0	0	0	0	0	0		
Hourly Total	201	23	7	5	2	238	294	43	13	4	6	360	128	22	3	8	2	163	0	0	0	0	0	0	0	0	0	0		
1400 - 1415	53	9	3	1	1	67	77	8	1	1	1	88	37	9	2	3	0	51	0	0	0	0	0	0	0	0	0	0		
1415 - 1430	46	10	1	2	0	59	70	11	1	1	2	85	31	7	1	1	0	40	0	0	0	0	0	0	0	0	0	0		
1430 - 1445	48	8	3	1	0	60	82	10	2	1	1	96	25	11	2	1	0	39	0	0	0	0	0	0	41	0	0	41		
1445 - 1500	48	12	1	2	0	63	63	12	1	1	0	77	40	9	7	4	0	60	0	0	0	0	0	0	0	0	0	0		
Hourly Total	195	39	8	6	1	249	292	41	5	4	4	346	133	36	12	9	0	190	0	0	0	0	0	0	41	0	0	41		
1500 - 1515	49	4	3	1	0	57	47	13	3	1	0	64	27	6	2	1	0	36	0	0	0	0	0	0	0	0	0	0		
1515 - 1530	50	14	1	1	0	66	67	5	2	3	2	79	51	5	1	2	0	59	0	0	0	0	0	0	0	0	0	0		
1530 - 1545	69	7	0	1	0	77	77	6	4	1	1	89	25	0	0	4	0	29	0	0	0	0	0	0	0	0	0	0		
1545 - 1600	76	12	3	2	0	93	70	7	1	0	3	81	46	1	0	0	0	47	0	0	0	0	0	0	0	0	0	0		
Hourly Total	244	37	7	5	0	293	261	31	10	5	6	313	149	12	3	7	0	171	0	0	0	0	0	0	0	0	0	0		
1600 - 1615	67	6	1	0	0	74	61	7	1	0	0	69	49	12	0	0	0	61	0	0	0	0	0	0	0	0	0	0		
1615 - 1630	89	12	2	2	0	105	64	11	5	1	0	81	36	8	0	1	0	45	0	0	0	0	0	0	0	0	0	0		
1630 - 1645	100	8	2	5	0	115	69	7	1	3	2	82	42	3	3	3	0	51	0	0	0	0	0	0	0	0	0	0		
1645 - 1700	110	15	0	2	0	127	56	6	2	1	3	68	39	2	3	8	0	52	0	0	0	0	0	0	0	0	0	0		
Hourly Total	366	41	5	9	0	421	250	31	9	5	5	300	166	25	6	12	0	209	0	0	0	0	0	0	0	0	0	0		
1700 - 1715	133	11	0	6	0	150	62	2	1	0	1	66	20	2	1	3	0	26	0	0	0	0	0	0	0	0	0	0		
1715 - 1730	112	15	1	0	0	128	67	4	2	1	1	75	50	2	3	1	0	56	0	0	0	0	0	0	0	0	0	0		
1730 - 1745	105	15	1	3	0	124	57	3	0	1	2	63	19	8	0	3	0	30	0	0	0	0	0	0	0	0	0	0		
1745 - 1800	111	10	2	1	0	124	61	5	0	0	1	67	39	8	1	0	0	48	0	0	0	0	0	0	0	0	0	0		
Hourly Total	461	51	4																											

Naas - Manual Traffic Survey, Tuesday 17th April 2012

Produced by Streetwise Services Ltd.



Junction: (7) A - M7 Off Slip / B - R445 East / C - M7 Access

Approach: C - M7 Access Road

TIME	First Left to D - R445 West						Second Left to E - R445 North						N/B to A - M7 Off Slip (BANNED)						Right to B - R445 East						U-Turns to C - M7 Access Road					
	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL
0700 - 0715	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	2	0	0	0	0	0	
0715 - 0730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	
0730 - 0745	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0745 - 0800	0	1	0	0	0	1	2	0	0	0	0	2	0	0	0	0	0	0	1	2	0	0	0	3	0	0	0	0	0	
Hourly Total	1	1	0	0	0	2	3	0	0	0	0	3	0	0	0	0	0	4	2	0	0	1	7	0	0	0	0	0		
0800 - 0815	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	
0815 - 0830	2	0	0	0	0	2	6	0	0	0	0	6	0	0	0	0	0	0	4	0	0	0	0	4	0	0	0	0	0	
0830 - 0845	2	0	0	0	0	2	1	0	0	0	0	1	0	0	0	0	0	0	5	0	0	0	0	5	0	0	0	0	0	
0845 - 0900	2	0	0	0	0	2	4	1	0	0	0	5	0	0	0	0	0	0	5	0	0	0	0	5	0	0	0	0	0	
Hourly Total	6	0	0	0	0	6	14	1	0	0	0	15	0	0	0	0	0	16	0	0	0	0	16	0	0	0	0	0		
0900 - 0915	0	0	0	0	0	0	1	2	1	0	0	4	0	0	0	0	0	0	6	2	0	0	0	8	0	0	0	0	0	
0915 - 0930	1	0	1	0	0	2	2	2	0	0	0	4	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	
0930 - 0945	1	0	1	0	0	2	1	0	1	0	0	2	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	
0945 - 1000	2	0	0	0	0	2	0	2	0	1	0	3	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	
Hourly Total	4	0	2	0	0	6	4	6	2	1	0	13	0	0	0	0	0	14	2	0	0	0	16	0	0	0	0	0		
1000 - 1015	3	1	0	0	0	4	0	1	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	
1015 - 1030	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	3	1	1	0	0	5	0	0	0	0	0	
1030 - 1045	1	1	0	0	0	2	1	0	0	0	0	1	0	0	0	0	0	0	2	1	0	0	0	3	0	0	0	0	0	
1045 - 1100	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	8	2	0	0	0	10	0	0	0	0	0	
Hourly Total	6	2	0	0	0	8	2	1	0	0	0	3	0	0	0	0	0	14	5	1	0	0	20	0	0	0	0	0		
1100 - 1115	2	0	0	0	0	2	1	1	0	0	0	2	0	0	0	0	0	0	2	1	0	0	0	3	0	0	0	0	0	
1115 - 1130	3	1	0	0	0	4	5	1	1	0	0	7	0	0	0	0	0	0	2	2	1	0	0	5	0	0	0	0	0	
1130 - 1145	2	0	0	0	0	2	2	1	0	1	0	4	0	0	0	0	0	0	3	1	0	0	0	4	0	0	0	0	0	
1145 - 1200	1	1	0	0	0	2	0	0	1	0	0	1	0	0	0	0	0	0	3	0	1	0	0	4	0	0	0	0	0	
Hourly Total	8	2	0	0	0	10	8	3	2	1	0	14	0	0	0	0	0	10	4	2	0	0	16	0	0	0	0	0		
1200 - 1215	2	0	0	0	0	2	1	1	1	0	0	3	0	0	0	0	0	0	4	1	0	0	0	5	0	0	0	0	0	
1215 - 1230	0	0	1	0	0	1	2	1	1	0	0	4	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	
1230 - 1245	2	0	0	0	0	2	6	1	0	0	0	7	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	
1245 - 1300	0	1	1	0	0	2	3	0	0	0	0	3	0	0	0	0	0	0	2	2	0	0	0	4	0	0	0	0	0	
Hourly Total	4	1	2	0	0	7	12	3	2	0	0	17	0	0	0	0	0	9	6	0	0	0	15	0	0	0	0	0		
1300 - 1315	4	1	0	0	0	5	2	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
1315 - 1330	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	3	0	0	0	0	0	
1330 - 1345	2	0	0	0	0	2	2	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	
1345 - 1400	2	0	0	0	0	2	8	0	2	0	0	10	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	
Hourly Total	9	1	0	0	0	10	12	0	2	0	0	14	0	0	0	0	0	5	1	1	0	0	7	0	0	0	0	0		
1400 - 1415	0	1	0	0	0	1	3	1	0	0	0	4	0	0	0	0	0	0	4	1	0	0	0	5	0	0	0	0	0	
1415 - 1430	2	2	0	0	0	4	4	0	0	0	0	4	0	0	0	0	0	0	1	2	0	0	0	3	0	0	0	0	0	
1430 - 1445	0	0	0	0	0	0	3	2	0	0	0	5	0	0	0	0	0	0	5	1	0	0	0	6	1	0	0	0	1	
1445 - 1500	1	0	0	0	0	1	5	1	1	0	0	7	0	0	0	0	0	0	5	1	0	0	0	6	0	0	0	0	0	
Hourly Total	3	3	0	0	0	6	15	4	1	0	0	20	0	0	0	0	0	15	5	0	0	0	20	1	0	0	0	1		
1500 - 1515	2	0	0	0	0	2	4	0	0	0	0	4	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
1515 - 1530	1	1	0	0	0	2	3	0	0	0	0	3	0	0	0	0	0	0	4	0	0	0	0	4	0	0	0	0	0	
1530 - 1545	0	0	1	0	0	1	4	1	0	0	0	5	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	
1545 - 1600	2	0	1	0	0	3	0	3	1	0	0	4	0	0	0	0	0	0	7	0	0	0	0	7	0	0	0	0	0	
Hourly Total	5	1	2	0	0	8	11	4	1	0	0	16	0	0	0	0	0	15	0	0	0	0	15	0	0	0	0	0		
1600 - 1615	0	1	0	0	0	1	4	0	2	0	0	6	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	
1615 - 1630	3	0	0	0	0	3	3	1	0	0	0	4	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	
1630 - 1645	1	0	0	0	0	1	6	0	0	0	0	6	0	0	0	0	0	0	4	1	0	0	0	5	1	0	0	0	1	
1645 - 1700	1	0	0	0	0	1	4	0	0	0	0	4	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	
Hourly Total	5	1	0	0	0	6	17	1	2	0	0	20	0	0	0	0	0	11	1	0	0	0	12	1	0	0	0	1		
1700 - 1715	2	1	0	0	0	3	4	0	0	0	0	4	0	0	0	0	0	0	2	2	0	0	0	4	0	0	0	0	0	
1715 - 1730	3	0	0	0	0	3	1	2	0	1	0	4	0	0	0	0	0	0	7	1	0	0	0	8	1	0	0	0	1	
1730 - 1745	2	0	0	0	0	2	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1745 - 1800	0	1	0	0	0	1	3	0	0	0	0	3	0	0	0	0	0	0	2	1	0	0	0	3	0	0	0	0	0	
Hourly Total	7	2	0	0	0	9	12	2	0	1	0	15	0	0	0	0	0	11	4	0	0									

Naas - Manual Traffic Survey, Tuesday 17th April 2012

Produced by Streetwise Services Ltd.



Junction: (7) A - M7 Off Slip / B - R445 East / C - M7 Access

Approach: D - R445 West

TIME	First Left to E - R445 North						Second Left to A - M7 Off Slip (BANNED)						E/B to B - R445 East						Right to C - M7 Access Road						U-Turns to D - R445 West					
	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL
0700 - 0715	54	11	2	2	0	68	0	0	0	0	0	0	19	3	2	3	0	27	2	0	1	0	0	3	0	0	0	0	0	0
0715 - 0730	61	13	2	5	2	83	0	0	0	0	0	0	30	1	2	1	5	39	3	0	1	1	0	5	0	0	0	0	0	0
0730 - 0745	72	6	3	3	1	85	0	0	0	0	0	0	40	4	4	3	1	52	2	0	0	2	1	5	0	0	0	0	0	0
0745 - 0800	80	8	3	4	0	95	0	0	0	0	0	0	41	1	1	2	2	47	3	1	0	3	0	7	0	0	0	0	0	0
Hourly Total	267	38	9	14	3	331	0	0	0	0	0	0	130	9	9	9	8	165	10	1	2	6	1	20	0	0	0	0	0	0
0800 - 0815	71	8	2	3	0	84	0	0	0	0	0	0	64	7	3	4	0	78	4	0	1	1	0	6	0	0	0	0	0	0
0815 - 0830	73	14	3	1	0	91	0	0	0	0	0	0	72	5	0	4	0	81	6	3	2	1	1	13	1	0	0	0	0	1
0830 - 0845	46	6	3	4	0	59	0	0	0	0	0	0	82	10	2	2	3	99	13	4	1	3	0	21	1	0	0	0	0	1
0845 - 0900	38	9	4	1	0	52	0	0	0	0	0	0	68	6	2	1	1	78	17	5	1	1	0	24	1	0	0	0	0	1
Hourly Total	228	37	12	9	0	286	0	0	0	0	0	0	286	28	7	11	4	336	40	12	5	6	1	64	3	0	0	0	0	3
0900 - 0915	32	7	2	3	0	44	0	0	0	0	0	0	53	7	2	3	1	66	2	2	0	2	0	6	0	0	0	0	0	0
0915 - 0930	31	8	4	5	0	48	0	0	0	0	0	0	50	7	1	1	2	61	5	4	1	3	1	14	0	0	0	1	0	1
0930 - 0945	55	8	3	1	0	67	0	0	0	0	0	0	58	13	4	2	2	79	5	0	0	0	0	5	1	0	0	0	0	1
0945 - 1000	27	14	4	3	0	48	0	0	0	0	0	0	50	11	2	0	0	63	3	1	1	4	0	9	0	0	0	0	0	0
Hourly Total	145	37	13	12	0	207	0	0	0	0	0	0	211	38	9	6	5	269	15	7	2	9	1	34	1	0	0	1	0	2
1000 - 1015	34	11	2	5	0	52	0	0	0	0	0	0	49	7	2	2	1	61	4	2	0	1	0	7	1	0	0	1	0	2
1015 - 1030	33	11	5	7	0	56	0	0	0	0	0	0	46	5	3	2	2	58	6	1	1	1	0	9	0	0	0	0	0	0
1030 - 1045	45	10	3	7	0	65	0	0	0	0	0	0	55	8	1	1	2	67	0	2	0	2	0	4	0	0	0	0	0	0
1045 - 1100	35	13	1	2	0	51	0	0	0	0	0	0	53	10	1	1	1	66	3	3	1	1	0	8	0	0	0	0	0	0
Hourly Total	147	45	11	21	0	224	0	0	0	0	0	0	203	30	7	6	6	252	13	8	2	5	0	28	1	0	0	1	0	2
1100 - 1115	40	7	1	5	0	53	0	0	0	0	0	0	55	18	3	1	2	79	7	1	0	3	0	11	0	0	0	0	0	0
1115 - 1130	27	8	5	5	0	45	0	0	0	0	0	0	44	3	2	1	2	52	3	1	1	1	0	6	0	0	0	0	0	0
1130 - 1145	37	6	1	2	0	46	0	0	0	0	0	0	64	4	2	0	1	71	8	3	2	1	0	14	0	0	0	0	0	0
1145 - 1200	30	4	3	7	0	44	0	0	0	0	0	0	61	12	5	1	1	80	3	1	1	0	0	5	0	0	0	0	0	0
Hourly Total	134	25	10	19	0	188	0	0	0	0	0	0	224	37	12	3	6	282	21	6	4	5	0	36	0	0	0	0	0	0
1200 - 1215	34	7	4	3	0	48	0	0	0	0	0	0	74	12	3	1	1	91	3	2	1	1	0	7	0	0	0	0	0	0
1215 - 1230	32	7	5	5	0	49	0	0	0	0	0	0	65	7	2	1	2	77	5	1	0	1	0	7	1	1	1	0	0	2
1230 - 1245	33	5	4	4	0	46	0	0	0	0	0	0	75	8	2	1	1	87	12	2	3	2	0	19	1	0	0	0	0	1
1245 - 1300	48	3	4	3	0	58	0	0	0	0	0	0	59	8	2	2	0	71	5	3	1	2	0	11	0	0	0	0	0	0
Hourly Total	147	22	17	15	0	201	0	0	0	0	0	0	273	35	9	5	4	326	25	8	5	6	0	44	2	1	0	0	0	3
1300 - 1315	43	6	6	5	0	60	0	0	0	0	0	0	67	2	2	1	0	72	7	2	0	1	1	11	0	0	0	0	0	0
1315 - 1330	39	8	3	1	0	51	0	0	0	0	0	0	70	10	0	0	2	82	5	2	1	1	0	9	0	0	0	0	0	0
1330 - 1345	59	14	4	5	0	82	0	0	0	0	0	0	77	11	0	2	2	92	5	3	0	1	0	9	0	0	0	1	0	1
1345 - 1400	56	7	3	3	0	69	0	0	0	0	0	0	78	10	2	2	1	93	4	2	1	1	0	8	0	0	0	0	0	0
Hourly Total	197	35	16	14	0	262	0	0	0	0	0	0	292	33	4	5	5	339	21	9	2	4	1	37	0	0	0	1	0	1
1400 - 1415	38	7	2	5	0	52	0	0	0	0	0	0	58	12	4	0	2	76	7	2	2	0	0	11	0	0	0	0	0	0
1415 - 1430	48	9	6	7	0	70	0	0	0	0	0	0	70	11	3	1	2	87	12	1	0	1	0	14	0	0	0	0	0	0
1430 - 1445	55	5	2	1	0	63	0	0	0	0	0	0	60	4	4	0	1	69	8	3	1	3	0	15	0	0	0	0	0	0
1445 - 1500	30	1	3	4	0	38	0	0	0	0	0	0	65	4	3	2	1	75	15	4	0	1	0	20	1	0	0	0	0	1
Hourly Total	171	22	13	17	0	223	0	0	0	0	0	0	253	31	14	3	6	307	42	10	3	5	0	60	1	0	0	0	0	1
1500 - 1515	40	10	5	1	0	56	0	0	0	0	0	0	97	14	2	0	1	114	4	1	1	0	0	6	0	0	0	0	0	0
1515 - 1530	35	8	5	1	0	49	0	0	0	0	0	0	53	7	0	1	2	63	5	1	0	0	1	7	0	0	0	1	0	1
1530 - 1545	43	12	5	1	1	62	0	0	0	0	0	0	64	7	1	3	1	76	10	2	1	1	0	14	0	0	0	0	0	0
1545 - 1600	26	18	2	6	0	52	0	0	0	0	0	0	57	8	2	0	1	68	12	2	0	0	0	14	0	0	0	0	0	0
Hourly Total	144	48	17	9	1	219	0	0	0	0	0	0	271	36	5	4	5	321	31	6	2	1	1	41	0	0	0	1	0	1
1600 - 1615	41	6	3	5	0	55	0	0	0	0	0	0	75	3	1	2	0	81	13	3	1	2	0	19	0	0	0	0	0	0
1615 - 1630	47	8	8	2	1	66	0	0	0	0	0	0	81	6	1	1	1	90	13	2	1	2	0	18	0	0	0	0	0	0
1630 - 1645	64	12	1	2	0	79	0	0	0	0	0	0	92	11	1	2	1	107	13	3	0	1	0	17	0	0	0	0	0	0
1645 - 1700	42	10	6	2	1	61	0	0	0	0	0	0	59	5	1	3	2	70	18	4	0	2	0	24	0	0	0	0	0	0
Hourly Total	194	36	18	11	2	261	0	0	0	0	0	0	307	25	4	8	4	348	57	12	2	7	0	78	0	0	0	0	0	0
1700 - 1715	78	22	2	2	0	104	0	0	0	0	0	0	106	5	2	0	2	115	35	6	0	0	0	41	0	0	0	0	0	0

Naas - Manual Traffic Survey, Tuesday 17th April 2012

Produced by Streetwise Services Ltd.



Junction: (7) A - M7 Off Slip / B - R445 East / C - M7 Access

Approach: E - R445 North

TIME	First Left to A - M7 Off Slip (BANNED)						Second Left to B - R445 East						Right to C - M7 Access Road						Last Right to D - R445 West						U-Turns to E - R445 North					
	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL
0700 - 0715	0	0	0	0	0	0	31	4	3	0	0	38	8	2	0	1	0	11	2	2	1	0	5	1	0	0	0	0	1	
0715 - 0730	0	0	0	0	0	0	56	5	0	2	0	63	10	4	1	0	0	15	3	0	0	2	5	0	0	0	0	0	0	
0730 - 0745	0	0	0	0	0	0	60	7	3	3	0	73	3	2	0	0	0	5	7	1	1	1	10	0	0	0	0	0	0	
0745 - 0800	0	0	0	0	0	0	70	7	2	1	0	80	7	2	0	0	0	9	9	5	0	1	15	1	0	0	0	0	1	
Hourly Total	0	0	0	0	0	0	217	23	8	6	0	254	28	10	1	1	0	40	21	8	2	4	35	2	0	0	0	0	2	
0800 - 0815	0	0	0	0	0	0	86	15	5	2	0	108	8	4	1	0	0	13	21	9	2	1	33	0	0	0	0	0	0	
0815 - 0830	0	0	0	0	0	0	109	14	1	2	1	127	10	2	0	0	0	12	22	12	0	1	35	0	0	0	0	0	0	
0830 - 0845	0	0	0	0	0	0	111	8	1	2	1	123	7	3	0	0	0	10	26	8	2	0	36	0	0	0	0	0	0	
0845 - 0900	0	0	0	0	0	0	85	9	1	0	0	95	11	0	0	0	0	11	31	8	1	3	43	0	0	0	0	0	0	
Hourly Total	0	0	0	0	0	0	391	46	8	6	2	453	36	9	1	0	0	46	100	37	5	5	147	0	0	0	0	0	0	
0900 - 0915	0	0	0	0	0	0	92	9	3	6	0	110	2	1	1	1	0	5	23	7	1	0	31	0	0	0	0	0	0	
0915 - 0930	0	0	0	0	0	0	84	15	4	2	0	105	5	1	2	1	0	9	17	7	2	0	26	0	0	0	0	0	0	
0930 - 0945	0	0	0	0	0	0	88	15	0	4	0	107	7	5	1	1	0	14	17	7	1	5	30	0	0	0	0	0	0	
0945 - 1000	0	0	0	0	0	0	80	12	2	2	0	96	6	6	0	0	0	12	14	5	0	0	19	0	0	0	0	0	0	
Hourly Total	0	0	0	0	0	0	344	51	9	14	0	418	20	13	4	3	0	40	71	26	4	5	106	0	0	0	0	0	0	
1000 - 1015	0	0	0	0	0	0	54	16	1	1	0	72	4	6	3	1	0	14	17	7	0	2	26	0	0	0	0	0	0	
1015 - 1030	0	0	0	0	0	0	69	11	1	4	0	85	7	4	0	1	0	12	17	6	0	1	24	0	0	0	0	0	0	
1030 - 1045	0	0	0	0	0	0	56	7	4	5	0	72	3	3	0	2	0	8	15	4	1	2	22	0	0	0	0	0	0	
1045 - 1100	0	0	0	0	0	0	57	10	4	4	0	75	6	0	2	2	0	10	20	5	0	2	27	0	0	0	0	0	0	
Hourly Total	0	0	0	0	0	0	236	44	10	14	0	304	20	13	5	6	0	44	69	22	1	7	99	0	0	0	0	0	0	
1100 - 1115	0	0	0	0	0	0	53	5	2	6	0	66	5	1	0	0	0	6	19	6	2	1	28	0	0	0	0	0	0	
1115 - 1130	0	0	0	0	0	0	50	6	1	1	0	58	8	3	0	1	0	12	16	6	1	0	23	0	0	0	0	0	0	
1130 - 1145	0	0	0	0	0	0	53	5	3	4	0	65	4	1	1	1	0	7	17	6	1	2	26	0	0	0	0	0	0	
1145 - 1200	0	0	0	0	0	0	63	12	3	0	0	78	7	2	0	0	0	9	15	4	0	1	20	0	0	0	0	0	0	
Hourly Total	0	0	0	0	0	0	219	28	9	11	0	267	24	7	1	2	0	34	67	22	4	4	97	0	0	0	0	0	0	
1200 - 1215	0	0	0	0	0	0	39	13	1	1	0	54	6	0	2	1	0	9	21	6	0	2	29	0	0	0	0	0	0	
1215 - 1230	0	0	0	0	0	0	58	5	3	1	0	67	6	2	0	4	0	12	28	9	1	2	40	0	0	0	0	0	0	
1230 - 1245	0	0	0	0	0	0	60	6	1	2	0	69	7	3	0	0	0	10	17	8	0	1	26	0	0	0	0	0	0	
1245 - 1300	0	0	0	0	0	0	55	11	3	2	0	71	6	0	2	1	0	9	20	9	2	0	31	0	0	0	0	0	0	
Hourly Total	0	0	0	0	0	0	212	35	8	6	0	261	25	5	4	6	0	40	86	32	3	5	126	0	0	0	0	0	0	
1300 - 1315	0	0	0	0	0	0	60	4	0	0	0	64	9	1	0	2	0	12	33	5	3	1	42	0	0	0	0	0	0	
1315 - 1330	0	0	0	0	0	0	61	7	0	3	1	72	8	1	0	0	0	9	23	9	1	1	34	0	0	0	0	0	0	
1330 - 1345	0	0	0	0	0	0	54	10	1	2	0	67	3	3	0	1	0	7	15	5	2	2	24	0	0	0	0	0	0	
1345 - 1400	0	0	0	0	0	0	53	7	0	4	0	64	3	0	1	1	0	5	12	5	1	4	22	0	0	0	0	0	0	
Hourly Total	0	0	0	0	0	0	228	28	1	9	1	267	23	5	1	4	0	33	83	24	7	8	122	0	0	0	0	0	0	
1400 - 1415	0	0	0	0	0	0	39	7	1	1	0	48	2	0	0	0	0	2	17	7	2	6	32	0	0	0	0	0	0	
1415 - 1430	0	0	0	0	0	0	52	11	2	2	2	69	4	1	0	1	0	6	18	7	0	2	27	0	0	0	0	0	0	
1430 - 1445	0	0	0	0	0	0	63	8	3	1	0	75	5	1	0	1	0	7	14	9	1	1	25	0	0	0	0	0	0	
1445 - 1500	0	0	0	0	0	0	55	16	3	2	0	76	9	1	0	3	0	13	16	5	1	1	23	0	0	0	0	0	0	
Hourly Total	0	0	0	0	0	0	209	42	9	6	2	268	20	3	0	5	0	28	65	28	4	10	107	0	0	0	0	0	0	
1500 - 1515	0	0	0	0	0	0	65	9	2	3	0	79	13	0	0	0	0	13	19	4	1	1	25	0	0	0	0	0	0	
1515 - 1530	0	0	0	0	0	0	80	9	3	2	1	95	12	2	1	0	0	15	19	4	4	1	28	0	0	0	0	0	0	
1530 - 1545	0	0	0	0	0	0	70	15	2	6	0	93	11	5	0	1	0	17	21	8	2	4	35	0	0	0	0	0	0	
1545 - 1600	0	0	0	0	0	0	73	8	3	6	0	90	15	3	2	0	0	20	24	6	1	2	33	0	0	0	0	0	0	
Hourly Total	0	0	0	0	0	0	288	41	10	17	1	357	51	10	3	1	0	65	83	22	8	8	121	0	0	0	0	0	0	
1600 - 1615	0	0	0	0	0	0	86	6	2	3	0	97	16	4	0	0	0	20	20	5	3	4	32	2	1	0	0	0	3	
1615 - 1630	0	0	0	0	0	0	76	8	5	3	0	92	12	4	1	1	0	18	18	7	0	2	27	0	0	0	0	0	0	
1630 - 1645	0	0	0	0	0	0	51	5	2	3	0	61	14	3	2	2	0	21	23	6	0	2	31	0	0	0	0	0	0	
1645 - 1700	0	0	0	0	0	0	64	11	1	1	0	77	17	4	2	1	0	24	19	8	1	2	30	0	0	0	0	0	0	
Hourly Total	0	0	0	0	0	0	277	30	10	10	0	327	59	15	5	4	0	83	80	26	4	10	120	2	1	0	0	0	3	
1700 - 1715	0	0	0	0	0	0	84	8	3	2	0	97	12	3	0	0	0	15	26	5	1	1	33	0	0	0	0	0	0	
1715 - 1730	0	0	0	0	0	0	83	11	2	2	0	98	20	4	2	0	0	26	22	4	0	2	28	0	0	0	0	0	0	
1730 - 1745	0	0	0	0	0	0	72	7	2	3	0	84	35	4	0	1	0	40	21	6	0	2	29	0	0	0	0	0	0	

Naas - Manual Traffic Survey, Tuesday 17th April 2012

Produced by Streetwise Services Ltd.



Junction: (B) A - Business Park Access / B - M7 On Slip / C -

Approach: A - Business Park Access

TIME	Left to B - M7 On Slip					S/B to C - R445					Right to D - M7 Off Slip (BANNED)					Last Right to E - Unnamed Road					U-Turns to A - Business Park Access									
	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL
0700 - 0715	1	0	0	0	0	1	1	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0730 - 0745	1	0	0	0	0	1	0	1	0	1	0	2	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0
0745 - 0800	3	3	0	0	0	6	1	1	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
Hourly Total	5	3	0	0	0	8	3	3	0	1	0	7	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	
0800 - 0815	1	1	0	0	0	2	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0815 - 0830	2	4	1	0	0	7	3	4	0	0	0	7	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
0830 - 0845	4	1	0	0	0	5	6	3	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0845 - 0900	4	1	1	1	0	7	5	2	0	0	0	7	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	
Hourly Total	11	7	2	1	0	21	14	11	0	0	0	25	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0		
0900 - 0915	4	3	2	1	0	10	2	3	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0915 - 0930	2	1	1	2	0	6	4	3	1	0	0	8	0	0	0	0	0	0	3	1	0	0	0	4	0	0	0	0	0	
0930 - 0945	3	2	1	0	0	6	7	3	3	0	0	13	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	
0945 - 1000	6	1	0	1	0	8	10	4	0	0	0	14	0	0	0	0	0	0	3	1	0	0	4	1	0	0	0	0	1	
Hourly Total	15	7	4	4	0	30	23	13	4	0	0	40	0	0	0	0	0	0	6	3	0	0	9	1	0	0	0	1		
1000 - 1015	8	1	1	1	0	11	7	1	0	1	0	9	0	0	0	0	0	0	2	1	0	0	0	3	0	0	0	0	0	
1015 - 1030	2	3	1	0	0	6	9	3	2	1	0	15	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
1030 - 1045	2	2	0	0	0	4	7	1	0	0	0	8	0	0	0	0	0	0	2	0	0	0	0	2	1	0	0	0	1	
1045 - 1100	0	1	1	0	0	2	12	2	1	0	0	15	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
Hourly Total	12	7	3	1	0	23	35	7	3	2	0	47	0	0	0	0	0	0	6	1	0	0	7	1	0	0	0	1		
1100 - 1115	3	4	2	0	0	9	9	4	1	1	0	15	0	0	0	0	0	0	2	2	1	0	0	5	0	1	0	0	1	
1115 - 1130	3	3	1	0	0	7	12	4	3	1	0	20	0	0	0	0	0	0	0	2	0	0	0	2	0	1	0	0	1	
1130 - 1145	4	1	0	2	0	7	6	5	1	0	0	12	0	0	0	0	0	0	3	1	0	0	0	4	0	0	0	0	0	
1145 - 1200	1	3	1	0	0	5	19	4	1	1	0	25	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
Hourly Total	11	11	4	2	0	28	46	17	6	3	0	72	0	0	0	0	0	0	6	5	1	0	12	0	2	0	0	2		
1200 - 1215	10	3	1	0	0	14	15	6	1	0	0	22	0	0	0	0	0	0	3	1	1	0	0	5	0	0	0	0	0	
1215 - 1230	4	2	1	0	0	7	11	8	0	0	0	19	0	0	0	0	0	0	1	2	0	0	0	3	0	0	0	0	0	
1230 - 1245	6	1	2	0	0	9	17	1	1	0	0	19	0	0	0	0	0	0	5	3	0	0	0	8	0	1	0	0	1	
1245 - 1300	5	0	0	0	0	5	22	6	0	0	0	28	0	0	0	0	0	0	5	0	0	0	0	5	0	0	0	0	0	
Hourly Total	25	6	4	0	0	35	65	21	2	0	0	88	0	0	0	0	0	0	14	6	1	0	21	0	1	0	0	1		
1300 - 1315	8	2	0	0	0	10	33	2	0	1	0	36	0	0	0	0	0	0	3	1	0	0	0	4	0	0	0	0	0	
1315 - 1330	0	2	0	0	0	2	17	1	2	3	0	23	0	0	0	0	0	0	6	0	0	0	0	6	0	0	0	0	0	
1330 - 1345	1	0	1	1	0	3	11	3	0	1	0	15	0	0	0	0	0	0	2	1	0	0	0	3	0	0	0	0	0	
1345 - 1400	4	2	1	0	0	7	13	2	0	1	0	16	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	
Hourly Total	13	6	2	1	0	22	74	8	2	6	0	90	0	0	0	0	0	0	14	2	0	0	16	0	0	0	0	0		
1400 - 1415	3	2	0	0	0	5	12	5	0	0	0	17	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	
1415 - 1430	6	3	0	1	0	10	14	6	0	0	0	20	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	
1430 - 1445	7	4	0	0	0	11	11	2	1	0	0	14	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	
1445 - 1500	8	1	3	1	0	13	15	4	2	0	0	21	0	0	0	0	0	0	0	2	0	1	0	3	0	0	0	0	0	
Hourly Total	24	10	3	2	0	39	52	17	3	0	0	72	0	0	0	0	0	0	7	2	0	1	10	0	0	0	0	0		
1500 - 1515	6	1	1	1	0	9	16	2	0	2	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1515 - 1530	6	3	3	0	0	12	12	2	1	0	0	15	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
1530 - 1545	0	2	1	0	0	3	19	5	1	0	0	25	0	0	0	0	0	0	2	1	0	0	0	3	0	0	0	0	0	
1545 - 1600	4	1	2	0	0	7	22	3	0	0	0	25	0	0	0	0	0	0	4	2	0	0	0	6	0	0	0	0	0	
Hourly Total	16	7	7	1	0	31	69	12	2	2	0	85	0	0	0	0	0	0	7	3	0	0	10	0	0	0	0	0		
1600 - 1615	5	2	0	1	0	8	13	9	1	1	0	24	0	0	0	0	0	0	2	2	2	0	0	6	0	0	0	0	0	
1615 - 1630	7	3	0	1	0	11	10	4	2	0	0	16	0	0	0	0	0	0	5	2	0	0	0	7	0	0	0	0	0	
1630 - 1645	7	3	0	1	0	11	29	3	1	1	0	34	0	0	0	0	0	0	9	1	0	0	0	10	0	0	0	0	0	
1645 - 1700	2	3	2	0	0	7	23	8	1	0	0	32	0	0	0	0	0	0	6	3	0	0	0	9	0	0	0	0	0	
Hourly Total	21	11	2	3	0	37	75	24	5	2	0	106	0	0	0	0	0	0	22	8	2	0	32	0	0	0	0	0		
1700 - 1715	10	2	1	0	0	13	44	2	2	0	0	48	0	0	0	0	0	0	15	4	0	0	0	19	0	0	0	0	0	
1715 - 1730	9	1	0	0	0	10	26	6	1	0	0	33	0	0	0	0	0	0	7	4	0	0	0	11	0	0	0	0	0	
1730 - 1745	10	0	0	0	0	10	43	3	0	1	0	47	0	0	0	0	0	0	11	1	0	0	0	12	0	0	0	0	0	
1745 - 1800	12	1	0	0	0	13	13	5	0	0	0	18	0	0	0	0	0	0	5	1	0	0	0	6	0	0	0	0	0	
Hourly Total	41	4	1	0	0	46	<																							

Naas - Manual Traffic Survey, Tuesday 17th April 2012

Produced by Streetwise Services Ltd.



Junction: (B) A - Business Park Access / B - M7 On Slip / C -

Approach: C - R445

TIME	First Left to D - M7 Off Slip (BANNED)						Second Left to E - Unnamed Road					N/B to A - Business Park Access					Right to B - M7 On Slip					U-Turns to C - R445								
	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL
0700 - 0715	0	0	0	0	0	0	9	1	0	0	0	10	4	2	0	0	0	6	56	9	2	3	0	70	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	12	2	1	0	0	15	6	1	0	0	0	7	65	13	3	4	1	86	1	0	0	0	0	1
0730 - 0745	0	0	0	0	0	0	8	2	0	1	0	11	6	1	1	0	0	8	76	12	3	7	1	99	1	1	0	0	0	2
0745 - 0800	0	0	0	0	0	0	12	3	1	1	0	17	19	3	0	0	0	22	98	13	3	1	0	115	1	0	0	0	0	1
Hourly Total	0	0	0	0	0	0	41	8	2	2	0	53	35	7	1	0	0	43	295	47	11	15	2	370	3	1	0	0	0	4
0800 - 0815	0	0	0	0	0	0	24	2	6	1	0	33	15	3	0	0	0	18	71	19	5	15	0	110	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	35	1	1	1	0	38	26	4	2	0	0	32	81	12	3	10	0	106	0	0	0	0	0	0
0830 - 0845	0	0	0	0	0	0	25	4	3	2	0	34	18	10	1	0	0	29	69	9	5	7	0	90	3	0	0	0	0	3
0845 - 0900	0	0	0	0	0	0	26	2	0	1	0	29	36	5	1	1	0	43	57	10	5	7	0	79	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	110	9	10	5	0	134	95	22	4	1	0	122	278	50	18	39	0	385	3	0	0	0	0	3
0900 - 0915	0	0	0	0	0	0	30	2	1	3	0	36	13	5	0	0	0	18	59	12	2	1	0	74	0	1	0	0	0	1
0915 - 0930	0	0	0	0	0	0	19	2	3	3	0	27	14	4	2	1	0	21	46	14	1	11	1	73	1	0	0	0	0	1
0930 - 0945	0	0	0	0	0	0	16	5	1	0	0	22	13	1	0	0	0	14	43	15	5	6	1	70	1	0	0	0	0	1
0945 - 1000	0	0	0	0	0	0	24	2	1	6	0	33	15	6	0	1	0	22	52	12	2	7	0	73	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	89	11	6	12	0	118	55	16	2	2	0	75	200	53	10	25	2	290	2	1	0	0	0	3
1000 - 1015	0	0	0	0	0	0	15	1	2	2	0	20	7	3	1	0	0	11	51	13	3	11	0	78	0	1	0	0	0	1
1015 - 1030	0	0	0	0	0	0	17	4	1	0	0	22	9	5	1	0	0	15	37	7	5	5	0	54	1	0	0	0	0	1
1030 - 1045	0	0	0	0	0	0	16	2	1	1	0	20	5	4	0	0	0	9	37	6	9	2	0	54	0	0	0	0	0	0
1045 - 1100	0	0	0	0	0	0	22	1	3	0	0	26	8	7	1	2	0	18	24	7	4	6	0	41	1	1	0	0	0	2
Hourly Total	0	0	0	0	0	0	70	8	7	3	0	88	29	19	3	2	0	53	149	33	21	24	0	227	2	2	0	0	0	4
1100 - 1115	0	0	0	0	0	0	22	5	2	1	0	30	12	13	3	0	0	28	46	15	2	10	1	74	0	0	0	0	0	0
1115 - 1130	0	0	0	0	0	0	17	5	2	1	0	25	12	9	2	1	0	24	42	15	6	6	0	69	0	0	1	0	0	1
1130 - 1145	0	0	0	0	0	0	20	8	2	2	0	32	11	7	1	0	0	19	48	12	5	11	1	77	0	0	0	0	0	0
1145 - 1200	0	0	0	0	0	0	21	3	4	3	0	31	10	7	1	2	0	20	40	8	3	8	0	59	1	0	0	0	0	1
Hourly Total	0	0	0	0	0	0	80	21	10	7	0	118	45	36	7	3	0	91	176	50	16	35	2	279	1	0	1	0	0	2
1200 - 1215	0	0	0	0	0	0	28	8	2	2	0	40	12	11	3	0	0	26	43	6	3	4	0	56	1	0	0	0	0	1
1215 - 1230	0	0	0	0	0	0	31	3	3	0	0	37	14	3	2	1	0	20	38	13	4	7	0	62	1	1	0	0	0	2
1230 - 1245	0	0	0	0	0	0	29	3	3	0	0	35	13	1	0	1	0	15	40	10	3	2	0	55	1	0	0	0	0	1
1245 - 1300	0	0	0	0	0	0	42	9	1	0	0	52	9	1	1	0	0	11	38	7	2	6	0	53	2	0	0	0	0	2
Hourly Total	0	0	0	0	0	0	130	23	9	2	0	164	48	16	6	2	0	72	159	36	12	19	0	226	5	1	0	0	0	6
1300 - 1315	0	0	0	0	0	0	36	5	0	2	0	43	11	7	2	0	0	20	53	8	2	9	0	72	0	0	0	0	0	0
1315 - 1330	0	0	0	0	0	0	40	4	1	1	0	46	8	3	1	1	0	13	52	9	4	6	0	71	1	0	0	0	0	1
1330 - 1345	0	0	0	0	0	0	28	3	1	0	0	32	21	8	0	0	0	29	41	8	7	1	0	57	0	0	0	0	0	0
1345 - 1400	0	0	0	0	0	0	30	5	0	3	0	38	19	1	0	0	0	20	43	9	5	7	0	64	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	134	17	2	6	0	159	59	19	3	1	0	82	189	34	18	23	0	264	1	0	0	0	0	1
1400 - 1415	0	0	0	0	0	0	33	2	0	1	1	37	29	4	0	0	0	33	41	12	5	3	1	62	1	1	0	0	0	2
1415 - 1430	0	0	0	0	0	0	32	3	3	3	0	41	18	6	2	0	0	26	44	12	8	6	0	70	0	0	0	0	0	0
1430 - 1445	0	0	0	0	0	0	36	4	3	6	0	49	14	6	3	1	0	24	40	13	2	7	0	62	0	0	0	0	0	0
1445 - 1500	0	0	0	0	0	0	32	3	4	2	0	41	20	3	2	1	0	26	43	8	9	7	0	67	1	1	0	0	0	2
Hourly Total	0	0	0	0	0	0	133	12	10	12	1	168	81	19	7	2	0	109	168	45	24	23	1	261	2	2	0	0	0	4
1500 - 1515	0	0	0	0	0	0	37	9	1	2	0	49	10	3	2	0	0	15	42	8	5	7	1	63	2	0	0	0	0	2
1515 - 1530	0	0	0	0	0	0	43	8	0	1	0	52	10	2	0	0	0	12	51	5	8	4	0	68	0	0	0	0	0	0
1530 - 1545	0	0	0	0	0	0	37	4	3	1	0	45	8	6	0	0	0	14	41	11	2	3	2	59	0	0	0	1	0	1
1545 - 1600	0	0	0	0	0	0	45	5	1	2	0	53	17	10	0	3	0	30	50	10	2	3	0	65	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	162	26	5	6	0	199	45	21	2	3	0	71	184	34	17	17	3	255	2	0	0	1	0	3
1600 - 1615	0	0	0	0	0	0	57	9	1	2	0	69	8	8	2	2	0	20	65	11	0	3	0	79	1	1	0	0	0	2
1615 - 1630	0	0	0	0	0	0	50	8	4	1	0	63	8	3	2	1	0	14	60	11	3	6	1	81	2	0	0	0	0	2
1630 - 1645	0	0	0	0	0	0	62	7	1	0	0	70	15	7	3	0	0	25	68	5	3	2	1	79	2	0	0	0	0	2
1645 - 1700	0	0	0	0	0	0	59	9	2	1	1	72	15	5	2	0	0	22	49	7	5	6	0	67	2	0	0	0	0	2
Hourly Total	0	0	0	0	0	0	228	33	8	4	1	274	46	23	9	3	0	81	242	34	11	17	2	306	7	1	0	0	0	8
1700 - 1715	0	0	0	0	0	0	54	4	2	1	0	61	15	4	0	1	0	20	62	10	1	5	0	78	2	0	0	0	0	2
1715 - 1730	0	0	0	0	0	0	72	3	1	0	0	76	5	2	0	2	0	9	95	13	5	7	0	120	0	0	0	0	0	0
1730 - 1745	0	0	0	0	0	0	68	9	2	3	0	82	4	0	0	0	0	4	76	13	1	3	1	94	0	0	0	0	0	0
1745 - 1800	0	0	0	0	0	0	61	12	1	1	0	75	3	1	0	1	0	5	95	8	3	1	0	107	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	255	28	6	5	0	294	27	7	0	4	0	38	328	44	10	16	1	399	2	0	0	0	0	2
1800 - 1815	0	0	0	0	0	0	75	12	5	1	0	93	1	0	1	1	0	3	66	5	0	4	0	75	1	0	0	0	0	1
1815 - 1830	0	0	0	0	0	0	66	6	0	0	0	72	3	0	0	0	0	3	95	3	0	5	0	103	0	0				

Naas - Manual Traffic Survey, Tuesday 17th April 2012

Produced by Streetwise Services Ltd.



Junction: (B) A - Business Park Access / B - M7 On Slip / C -

Approach: D - M7 Off Slip (One-Way Northeastbound)

TIME	First Left to E - Unnamed Road					Second Left to A - Business Park Access					Right to B - M7 On Slip					Last Right to C - R445					U-Turns to D - M7 Off Slip (BANNED)									
	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL
0700 - 0715	2	0	0	0	0	2	2	2	0	0	0	4	0	0	0	0	0	0	0	36	3	1	0	0	40	0	0	0	0	0
0715 - 0730	2	1	0	0	0	3	1	0	0	0	0	1	0	0	0	0	0	0	0	42	5	2	1	0	50	0	0	0	0	0
0730 - 0745	3	2	0	0	0	5	3	3	0	0	0	6	0	0	0	0	0	0	0	55	6	1	1	0	63	0	0	0	0	0
0745 - 0800	3	2	0	1	0	6	3	1	0	0	0	4	0	0	0	0	0	0	0	99	16	1	3	0	119	0	0	0	0	0
Hourly Total	10	5	0	1	0	16	9	6	0	0	0	15	0	0	0	0	0	0	232	30	5	5	0	272	0	0	0	0	0	
0800 - 0815	6	3	1	2	0	12	1	3	0	0	0	4	2	1	0	0	0	0	3	90	11	2	1	0	104	0	0	0	0	0
0815 - 0830	7	4	2	1	0	14	15	3	0	0	0	18	0	0	0	0	0	0	0	102	12	1	4	0	119	0	0	0	0	0
0830 - 0845	23	4	0	1	0	28	13	4	0	1	0	18	0	0	0	0	0	0	0	120	9	0	2	0	131	0	0	0	0	0
0845 - 0900	21	4	1	1	0	27	17	2	0	1	0	20	0	0	0	0	0	0	0	124	12	3	4	0	143	0	0	0	0	0
Hourly Total	57	15	4	5	0	81	46	12	0	2	0	60	2	1	0	0	0	0	3	436	44	6	11	0	497	0	0	0	0	0
0900 - 0915	9	2	2	2	0	15	11	3	0	0	0	14	0	0	0	0	0	0	0	94	11	1	2	0	108	0	0	0	0	0
0915 - 0930	6	0	1	0	0	7	4	0	1	0	0	5	0	0	0	0	0	0	0	80	12	1	4	0	97	0	0	0	0	0
0930 - 0945	4	0	1	2	1	9	6	1	1	0	0	8	0	0	0	0	0	0	0	84	8	2	10	0	104	0	0	0	0	0
0945 - 1000	8	1	2	1	0	12	3	1	0	2	0	6	0	0	0	0	0	0	0	51	9	2	5	0	67	0	0	0	0	0
Hourly Total	27	4	6	5	1	43	24	5	2	2	0	33	0	0	0	0	0	0	0	309	40	6	21	0	376	0	0	0	0	0
1000 - 1015	4	2	0	0	0	6	4	0	1	0	0	5	1	0	0	0	0	0	1	67	12	3	4	0	86	0	0	0	0	0
1015 - 1030	6	0	0	0	0	6	3	0	0	0	0	3	0	0	0	0	0	0	0	49	1	5	3	0	58	0	0	0	0	0
1030 - 1045	0	1	1	0	0	2	4	1	0	0	0	5	0	0	0	0	0	0	0	60	12	2	6	0	80	0	0	0	0	0
1045 - 1100	4	3	0	0	0	7	2	4	1	0	0	7	0	0	0	0	0	0	0	54	5	2	8	0	69	0	0	0	0	0
Hourly Total	14	6	1	0	0	21	13	5	2	0	0	20	1	0	0	0	0	1	230	30	12	21	0	293	0	0	0	0	0	
1100 - 1115	2	1	0	1	0	4	3	0	0	0	0	3	0	0	0	0	0	0	0	43	8	1	3	0	55	0	0	0	0	0
1115 - 1130	3	0	1	1	0	5	2	0	1	1	0	4	1	0	0	0	0	0	1	43	7	1	3	1	55	0	0	0	0	0
1130 - 1145	6	2	3	0	0	11	2	0	0	0	0	2	0	0	0	0	0	0	0	50	11	4	2	0	67	0	0	0	0	0
1145 - 1200	4	3	1	2	0	10	2	0	0	0	0	4	0	0	1	0	0	0	1	42	9	2	2	1	56	0	0	0	0	0
Hourly Total	15	6	5	4	0	30	9	2	1	1	0	13	1	0	1	0	0	2	178	35	8	10	2	233	0	0	0	0	0	
1200 - 1215	6	3	1	1	0	11	2	0	1	0	0	3	1	0	0	0	0	0	1	37	4	1	3	0	45	0	0	0	0	0
1215 - 1230	3	0	0	0	0	3	3	0	0	0	0	3	3	0	0	0	0	0	0	59	6	3	3	0	71	0	0	0	0	0
1230 - 1245	4	3	2	0	0	9	2	0	0	1	0	3	0	0	0	0	0	0	0	51	5	2	4	0	62	0	0	0	0	0
1245 - 1300	9	1	1	0	0	11	2	0	0	0	0	2	0	0	0	0	0	0	0	45	7	3	3	0	58	0	0	0	0	0
Hourly Total	22	7	4	1	0	34	9	0	1	1	0	11	4	0	0	0	0	4	192	22	9	13	0	236	0	0	0	0	0	
1300 - 1315	2	1	1	1	0	5	3	0	0	0	0	3	1	0	0	0	0	0	1	40	6	2	2	1	51	0	0	0	0	0
1315 - 1330	1	4	2	1	0	8	2	1	0	0	0	3	0	0	0	0	0	0	0	49	4	2	5	0	60	0	0	0	0	0
1330 - 1345	5	3	2	1	0	11	1	0	1	0	0	2	1	0	0	0	0	0	1	54	3	0	2	0	59	0	0	0	0	0
1345 - 1400	8	0	1	0	0	9	1	1	0	0	0	2	0	0	0	0	0	0	0	49	6	2	5	0	62	0	0	0	0	0
Hourly Total	16	8	6	3	0	33	7	2	1	0	0	10	2	0	0	0	0	2	192	19	6	14	1	232	0	0	0	0	0	
1400 - 1415	3	1	1	3	0	8	2	4	0	0	0	6	0	0	0	0	0	0	0	62	6	0	3	0	71	0	0	0	0	0
1415 - 1430	2	1	0	0	0	3	3	1	0	0	0	4	0	0	0	0	0	0	0	43	1	2	2	1	49	0	0	0	0	0
1430 - 1445	8	3	1	0	0	12	3	0	0	2	0	5	0	0	0	0	0	0	0	38	5	1	4	1	49	0	0	0	0	0
1445 - 1500	9	6	0	1	0	16	0	0	0	1	0	1	0	0	0	0	0	0	0	50	6	6	5	0	67	0	0	0	0	0
Hourly Total	22	11	2	4	0	39	8	5	0	3	0	16	0	0	0	0	0	0	193	18	9	14	2	236	0	0	0	0	0	
1500 - 1515	8	2	1	4	0	15	4	0	1	0	0	5	0	0	0	0	0	0	0	65	6	2	2	0	75	0	0	0	0	0
1515 - 1530	4	0	3	5	0	12	2	3	0	0	0	5	0	0	0	0	0	0	0	61	5	3	8	0	77	0	0	0	0	0
1530 - 1545	10	1	1	0	0	12	2	1	2	0	0	5	0	0	0	0	0	0	0	55	7	3	2	1	68	0	0	0	0	0
1545 - 1600	8	3	0	2	0	13	2	2	2	0	0	6	1	0	0	0	0	0	1	57	10	2	5	0	74	0	0	0	0	0
Hourly Total	30	6	5	11	0	52	10	6	5	0	0	21	1	0	0	0	0	1	238	28	10	17	1	294	0	0	0	0	0	
1600 - 1615	10	1	1	4	0	16	1	2	1	0	0	4	1	0	0	0	0	0	1	66	3	3	4	1	77	0	0	0	0	0
1615 - 1630	11	1	0	0	0	12	4	2	0	0	0	6	1	0	0	0	0	0	1	65	8	3	4	0	80	0	0	0	0	0
1630 - 1645	6	6	1	3	0	16	1	0	2	0	0	3	1	0	0	0	0	0	1	68	5	2	8	0	83	0	0	0	0	0
1645 - 1700	9	6	1	0	0	16	1	0	0	0	0	1	0	0	0	0	0	0	0	64	3	1	3	0	71	0	0	0	0	0
Hourly Total	36	14	3	7	0	60	7	4	3	0	0	14	3	0	0	0	0	3	263	19	9	19	1	311	0	0	0	0	0	
1700 - 1715	18	5	0	0	0	23	1	0	0	0	0	1	0	0	0	0	0	0	0	70	5	1	4	1	81	0	0	0	0	0
1715 - 1730	21	7	1	1	0	30	1	0	0	0	0	1	0	0	0	0	0	0	0	88	6	3	3	0	98	0	0	0	0	0
1730 - 1																														

Naas - Manual Traffic Survey, Tuesday 17th April 2012

Produced by Streetwise Services Ltd.



Junction: (B) A - Business Park Access / B - M7 On Slip / C -

Approach: E - Unnamed Road

TIME	Left to A - Business Park Access					E/B to B - M7 On Slip					Right to C - R445					Last Right to D - M7 Off Slip (BANNED)					U-Turns to E - Unnamed Road									
	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CAR	LGV	OGV1	OGV2	BUS	TOTAL
0700 - 0715	2	1	0	0	0	3	45	2	0	0	0	47	9	1	1	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0
0715 - 0730	4	1	0	0	0	5	49	4	0	0	0	53	13	2	1	0	0	16	0	0	0	0	0	0	0	0	0	0	0	
0730 - 0745	2	0	0	0	0	2	59	7	0	0	0	66	15	3	2	0	0	20	0	0	0	0	0	0	0	0	0	0	0	
0745 - 0800	10	5	0	0	0	15	59	1	3	3	0	66	16	4	3	0	0	23	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	18	7	0	0	0	25	212	14	3	3	0	232	53	10	7	0	0	70	0	0	0	0	0	0	0	0	0	0	0	
0800 - 0815	5	3	0	1	0	9	54	9	3	1	0	67	24	3	4	0	0	31	0	0	0	0	0	0	0	0	0	0	0	
0815 - 0830	2	2	0	0	0	4	49	5	2	1	0	57	23	3	2	0	0	28	0	0	0	0	0	0	0	0	0	0	0	
0830 - 0845	6	0	0	0	0	6	62	9	0	5	0	76	27	4	1	2	0	34	0	0	0	0	0	0	0	0	0	0	0	
0845 - 0900	19	1	0	0	0	20	44	5	0	0	0	49	22	6	1	0	0	29	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	32	6	0	1	0	39	209	28	5	7	0	249	96	16	8	2	0	122	0	0	0	0	0	0	0	0	0	0	0	
0900 - 0915	11	0	0	0	0	11	46	3	1	3	0	53	28	5	0	2	0	35	0	0	0	0	0	0	0	0	0	0	0	
0915 - 0930	5	1	0	0	0	6	30	4	2	2	1	39	33	9	0	1	0	43	0	0	0	0	0	0	0	0	0	0	0	
0930 - 0945	4	1	0	0	0	5	31	5	0	1	0	37	29	3	1	1	0	34	0	0	0	0	0	0	0	0	0	0	0	
0945 - 1000	7	2	0	0	0	9	18	1	0	3	0	22	29	3	1	3	0	36	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	27	4	0	0	0	31	125	13	3	9	1	151	119	20	2	7	0	148	0	0	0	0	0	0	0	0	0	0	0	
1000 - 1015	2	0	0	0	0	2	14	2	1	5	0	22	19	4	1	0	0	24	0	0	0	0	0	0	0	0	0	0	0	
1015 - 1030	1	0	0	0	0	1	13	4	0	2	0	19	16	3	1	1	0	21	0	0	0	0	0	0	0	0	0	0	0	
1030 - 1045	0	1	0	0	0	1	16	2	0	3	0	21	26	1	1	2	0	30	0	0	0	0	0	0	0	0	0	0	0	
1045 - 1100	4	1	0	0	0	5	14	2	1	3	0	20	19	3	1	1	0	24	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	7	2	0	0	0	9	57	10	2	13	0	82	80	11	4	4	0	99	0	0	0	0	0	0	0	0	0	0	0	
1100 - 1115	3	0	0	0	0	3	16	1	0	2	0	19	18	4	1	1	0	24	0	0	0	0	0	0	0	0	0	0	0	
1115 - 1130	2	1	0	0	0	3	15	2	2	2	0	21	16	3	6	0	0	25	0	0	0	0	0	0	0	0	0	0	0	
1130 - 1145	2	1	0	0	0	3	7	2	0	1	0	10	14	9	0	1	0	24	0	0	0	0	0	0	0	0	0	0	0	
1145 - 1200	2	0	0	0	0	2	10	6	2	1	0	19	15	4	1	1	0	21	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	9	2	0	0	0	11	48	11	4	6	0	69	63	20	8	3	0	94	0	0	0	0	0	0	0	0	0	0	0	
1200 - 1215	1	0	0	0	0	1	12	4	2	0	0	18	17	5	1	3	0	26	0	0	0	0	0	0	0	0	0	0	0	
1215 - 1230	1	0	0	0	0	1	19	3	0	3	0	25	16	3	4	0	0	23	0	0	0	0	0	0	0	0	0	0	0	
1230 - 1245	2	0	0	0	0	2	17	4	2	3	0	26	17	3	2	1	0	23	0	0	0	0	0	0	0	0	0	0	0	
1245 - 1300	4	0	0	0	0	4	7	2	0	1	0	10	15	5	0	3	0	23	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	8	0	0	0	0	8	55	13	4	7	0	79	65	16	7	7	0	95	0	0	0	0	0	0	0	0	0	0	0	
1300 - 1315	3	1	0	0	0	4	8	3	1	3	0	15	24	7	0	0	0	31	0	0	0	0	0	0	0	0	0	0	0	
1315 - 1330	2	0	0	0	0	2	8	6	0	2	0	16	21	5	1	2	0	29	0	0	0	0	0	0	0	0	0	0	0	
1330 - 1345	2	3	0	0	0	5	19	5	0	2	0	26	22	2	1	0	0	25	0	0	0	0	0	0	1	0	0	0	1	
1345 - 1400	3	0	0	0	0	3	9	2	2	1	0	14	22	4	0	3	0	29	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	10	4	0	0	0	14	44	16	3	8	0	71	89	18	2	5	0	114	0	0	0	0	0	0	1	0	0	0	1	
1400 - 1415	3	1	1	0	0	5	10	3	1	2	0	16	25	3	0	1	0	29	0	0	0	0	0	0	0	0	0	0	0	
1415 - 1430	4	1	0	0	0	5	16	1	1	1	0	19	29	3	0	2	0	34	0	0	0	0	0	0	0	0	0	0	0	
1430 - 1445	0	0	0	1	0	1	10	0	0	3	0	13	19	4	0	0	0	23	0	0	0	0	0	0	0	1	0	0	1	
1445 - 1500	6	0	1	0	0	7	13	0	1	0	0	14	18	4	2	1	1	26	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	13	2	2	1	0	18	49	4	3	6	0	62	91	14	2	4	1	112	0	0	0	0	0	0	0	1	0	0	1	
1500 - 1515	2	0	0	0	0	2	8	0	1	2	0	11	18	2	2	3	0	25	0	0	0	0	0	0	0	0	0	0	0	
1515 - 1530	1	0	1	0	0	2	13	1	1	2	0	17	23	3	1	1	0	28	0	0	0	0	0	0	0	0	0	0	0	
1530 - 1545	1	0	1	0	0	2	14	3	1	1	0	19	21	2	1	2	0	26	0	0	0	0	0	0	0	0	0	0	0	
1545 - 1600	2	3	0	0	0	5	20	3	1	2	0	26	29	7	1	1	0	38	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	6	3	2	0	0	11	55	7	4	7	0	73	91	14	5	7	0	117	0	0	0	0	0	0	0	0	0	0	0	
1600 - 1615	5	3	0	0	0	8	19	0	0	3	0	22	28	5	1	0	0	34	0	0	0	0	0	0	0	0	0	0	0	
1615 - 1630	3	1	0	0	0	4	20	2	0	2	0	24	18	3	1	2	0	24	0	0	0	0	0	0	0	0	0	0	0	
1630 - 1645	0	1	0	0	0	1	16	4	1	2	0	23	24	2	1	3	0	30	0	0	0	0	0	0	1	0	0	0	1	
1645 - 1700	0	2	0	0	0	2	8	1	1	0	0	10	16	4	1	0	0	21	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	8	7	0	0	0	15	63	7	2	7	0	79	86	14	4	5	0	109	0	0	0	0	0	0	1	0	0	0	1	
1700 - 1715	1	1	0	0	0	2	12	2	1	2	0	17	24	5	0	2	0	31	0	0	0	0	0	0	0	0	0	0	0	
1715 - 1730	1	0	0	0	0	1	18	1	0	0	0	19	22	2	3	2	0	29	0	0	0	0	0	0	0	0	0	0	0	
1730 - 1745	1	0	1	0	0	2	15	1	0	0	0	16	18	2	2	0	0	22	0	0	0	0	0	0	0	0	0	0	0	
1745 - 1800	1	0	1	0	0	2	16	2	0	0																				

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Service



Junction: (9) A - M7 Access Road

Approach: A - M7 Access Road

TIME	Left to B - Unnamed Road			W/B to C - M7 On Slip			U-Turns to A - M7 Access Road		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	0	0	0	36	1	37	0	0	0
0715 - 0730	2	0	2	47	8	55	0	0	0
0730 - 0745	2	1	3	44	8	52	0	0	0
0745 - 0800	4	1	5	71	10	81	0	0	0
Hourly Total	8	2	10	198	27	225	0	0	0
0800 - 0815	4	1	5	80	8	88	0	0	0
0815 - 0830	3	0	3	99	10	109	0	0	0
0830 - 0845	8	1	9	131	8	139	0	0	0
0845 - 0900	5	0	5	96	5	101	0	0	0
Hourly Total	20	2	22	406	31	437	0	0	0
0900 - 0915	3	0	3	69	11	80	0	0	0
0915 - 0930	3	0	3	61	4	65	0	0	0
0930 - 0945	3	0	3	60	8	68	1	0	1
0945 - 1000	2	1	3	49	15	64	0	0	0
Hourly Total	11	1	12	239	38	277	1	0	1
1000 - 1015	4	1	5	61	9	70	0	0	0
1015 - 1030	7	0	7	45	9	54	0	0	0
1030 - 1045	2	0	2	42	6	48	0	0	0
1045 - 1100	1	0	1	48	7	55	1	0	1
Hourly Total	14	1	15	196	31	227	1	0	1
1100 - 1115	3	1	4	58	7	65	0	0	0
1115 - 1130	4	1	5	54	8	62	0	0	0
1130 - 1145	4	0	4	54	11	65	0	0	0
1145 - 1200	2	1	3	38	9	47	0	0	0
Hourly Total	13	3	16	204	35	239	0	0	0
1200 - 1215	3	0	3	54	10	64	2	0	2
1215 - 1230	5	0	5	48	7	55	0	0	0
1230 - 1245	4	1	5	68	12	80	0	0	0
1245 - 1300	6	1	7	59	8	67	0	0	0
Hourly Total	18	2	20	229	37	266	2	0	2
1300 - 1315	7	0	7	65	6	71	0	0	0
1315 - 1330	8	1	9	54	5	59	0	0	0
1330 - 1345	4	4	8	65	12	77	0	0	0
1345 - 1400	7	0	7	68	8	76	0	0	0
Hourly Total	26	5	31	252	31	283	0	0	0
1400 - 1415	7	0	7	57	6	63	0	0	0
1415 - 1430	8	0	8	75	6	81	0	0	0
1430 - 1445	5	0	5	75	6	81	1	0	1
1445 - 1500	5	1	6	61	3	64	1	0	1
Hourly Total	25	1	26	268	21	289	2	0	2
1500 - 1515	4	0	4	73	14	87	0	0	0
1515 - 1530	3	0	3	66	6	72	0	0	0
1530 - 1545	3	0	3	89	11	100	0	0	0
1545 - 1600	3	1	4	87	8	95	0	0	0
Hourly Total	13	1	14	315	39	354	0	0	0
1600 - 1615	7	0	7	108	15	123	0	0	0
1615 - 1630	6	0	6	114	5	119	0	0	0
1630 - 1645	9	0	9	144	8	152	0	1	1
1645 - 1700	5	0	5	128	9	137	1	0	1
Hourly Total	27	0	27	494	37	531	1	1	2
1700 - 1715	6	0	6	160	7	167	0	0	0
1715 - 1730	4	0	4	196	4	200	0	0	0
1730 - 1745	2	0	2	190	4	194	0	0	0
1745 - 1800	3	1	4	154	5	159	0	0	0
Hourly Total	15	1	16	700	0	700	0	0	0
1800 - 1815	3	0	3	156	7	163	0	0	0
1815 - 1830	7	0	7	134	4	138	0	0	0
1830 - 1845	1	0	1	99	3	102	0	0	0
1845 - 1900	3	0	3	94	4	98	0	0	0
Hourly Total	14	0	14	483	18	501	0	0	0
TOTAL	204	19	223	3984	345	4329	7	1	8

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Service



Junction: (9) A - M7 Access Road

Approach: B - Unnamed Road

TIME	Left to C - M7 On Slip			Right to A - M7 Access Road			U-Turns to B - Unnamed Road		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	0	0	0	0	0	0	0	0	0
0715 - 0730	1	0	1	1	0	1	0	0	0
0730 - 0745	1	1	2	2	0	2	0	0	0
0745 - 0800	0	0	0	1	0	1	0	0	0
Hourly Total	2	1	3	4	0	4	0	0	0
0800 - 0815	0	0	0	5	0	5	0	0	0
0815 - 0830	1	0	1	8	0	8	0	0	0
0830 - 0845	1	1	2	9	1	10	0	0	0
0845 - 0900	3	0	3	4	0	4	0	0	0
Hourly Total	5	1	6	26	1	27	0	0	0
0900 - 0915	0	0	0	3	1	4	0	0	0
0915 - 0930	3	0	3	4	0	4	0	0	0
0930 - 0945	1	0	1	1	0	1	0	0	0
0945 - 1000	2	0	2	4	0	4	0	0	0
Hourly Total	6	0	6	12	1	13	0	0	0
1000 - 1015	0	0	0	1	1	2	0	0	0
1015 - 1030	1	0	1	4	0	4	0	0	0
1030 - 1045	1	0	1	2	0	2	0	0	0
1045 - 1100	0	0	0	5	1	6	0	0	0
Hourly Total	2	0	2	12	2	14	0	0	0
1100 - 1115	0	0	0	1	0	1	0	0	0
1115 - 1130	0	0	0	1	0	1	0	0	0
1130 - 1145	1	1	2	1	0	1	0	0	0
1145 - 1200	0	0	0	4	0	4	0	0	0
Hourly Total	1	1	2	7	0	7	0	0	0
1200 - 1215	0	0	0	4	0	4	0	0	0
1215 - 1230	0	1	1	3	1	4	0	0	0
1230 - 1245	0	0	0	3	0	3	0	0	0
1245 - 1300	2	0	2	2	1	3	0	0	0
Hourly Total	2	1	3	12	2	14	0	0	0
1300 - 1315	4	1	5	4	0	4	0	0	0
1315 - 1330	3	0	3	4	0	4	0	0	0
1330 - 1345	2	1	3	5	0	5	0	0	0
1345 - 1400	0	0	0	5	0	5	0	0	0
Hourly Total	9	2	11	18	0	18	0	0	0
1400 - 1415	2	0	2	3	0	3	0	0	0
1415 - 1430	0	0	0	4	1	5	0	0	0
1430 - 1445	1	0	1	2	0	2	0	0	0
1445 - 1500	0	0	0	3	0	3	0	0	0
Hourly Total	3	0	3	12	1	13	0	0	0
1500 - 1515	0	0	0	4	0	4	0	0	0
1515 - 1530	2	0	2	3	0	3	0	0	0
1530 - 1545	0	0	0	3	0	3	0	0	0
1545 - 1600	1	0	1	1	0	1	0	0	0
Hourly Total	3	0	3	11	0	11	0	0	0
1600 - 1615	1	0	1	8	0	8	0	0	0
1615 - 1630	1	0	1	8	0	8	0	0	0
1630 - 1645	2	0	2	9	0	9	0	0	0
1645 - 1700	3	0	3	6	1	7	0	0	0
Hourly Total	7	0	7	31	1	32	0	0	0
1700 - 1715	2	0	2	5	0	5	0	0	0
1715 - 1730	3	0	3	4	0	4	0	0	0
1730 - 1745	3	0	3	3	0	3	0	0	0
1745 - 1800	2	0	2	4	0	4	0	0	0
Hourly Total	10	0	10	16	0	16	0	0	0
1800 - 1815	2	0	2	1	0	1	0	0	0
1815 - 1830	1	0	1	1	0	1	0	0	0
1830 - 1845	0	0	0	2	0	2	0	0	0
1845 - 1900	0	0	0	0	0	0	0	0	0
Hourly Total	3	0	3	4	0	4	0	0	0
TOTAL	53	6	59	165	8	173	0	0	0

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Produced by Streetwise Services



Junction: (10) A - Unnamed Road Nc

Approach: A - Unnamed Road North

TIME	Left to B - Unnamed Road East			Right to C - Unnamed Road West			U-Turns to A - Unnamed Road North		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	2	0	2	1	0	1	0	0	0
0715 - 0730	0	1	1	0	0	0	0	0	0
0730 - 0745	4	0	4	2	0	2	0	0	0
0745 - 0800	1	0	1	5	0	5	0	0	0
Hourly Total	7	1	8	8	0	8	0	0	0
0800 - 0815	3	0	3	0	0	0	0	0	0
0815 - 0830	3	0	3	4	0	4	0	0	0
0830 - 0845	6	0	6	11	0	11	0	0	0
0845 - 0900	3	0	3	15	0	15	0	0	0
Hourly Total	15	0	15	30	0	30	0	0	0
0900 - 0915	5	1	6	6	1	7	0	0	0
0915 - 0930	0	2	2	4	1	5	0	0	0
0930 - 0945	2	0	2	1	0	1	0	0	0
0945 - 1000	3	1	4	2	0	2	0	0	0
Hourly Total	10	4	14	13	2	15	0	0	0
1000 - 1015	1	0	1	4	0	4	0	0	0
1015 - 1030	0	0	0	6	0	6	0	0	0
1030 - 1045	0	0	0	3	0	3	0	0	0
1045 - 1100	3	0	3	4	0	4	0	0	0
Hourly Total	4	0	4	17	0	17	0	0	0
1100 - 1115	1	0	1	5	0	5	1	0	1
1115 - 1130	3	1	4	4	0	4	0	0	0
1130 - 1145	3	0	3	7	0	7	0	0	0
1145 - 1200	3	0	3	4	1	5	0	0	0
Hourly Total	10	1	11	20	1	21	1	0	1
1200 - 1215	0	0	0	4	0	4	0	0	0
1215 - 1230	4	0	4	8	0	8	0	0	0
1230 - 1245	2	2	4	3	0	3	0	0	0
1245 - 1300	2	0	2	5	0	5	0	0	0
Hourly Total	8	2	10	20	0	20	0	0	0
1300 - 1315	4	0	4	2	0	2	0	0	0
1315 - 1330	8	0	8	3	0	3	0	0	0
1330 - 1345	2	0	2	12	1	13	0	0	0
1345 - 1400	4	1	5	7	2	9	0	0	0
Hourly Total	18	1	19	24	3	27	0	0	0
1400 - 1415	1	1	2	5	0	5	0	0	0
1415 - 1430	9	1	10	9	2	11	0	0	0
1430 - 1445	4	0	4	5	0	5	0	0	0
1445 - 1500	0	0	0	11	0	11	0	0	0
Hourly Total	14	2	16	30	2	32	0	0	0
1500 - 1515	0	0	0	2	0	2	0	0	0
1515 - 1530	1	0	1	10	0	10	0	0	0
1530 - 1545	7	1	8	12	0	12	0	0	0
1545 - 1600	2	0	2	10	1	11	0	0	0
Hourly Total	10	1	11	34	1	35	0	0	0
1600 - 1615	2	0	2	28	1	29	0	0	0
1615 - 1630	4	0	4	32	0	32	0	0	0
1630 - 1645	9	0	9	20	0	20	0	0	0
1645 - 1700	6	1	7	11	0	11	0	0	0
Hourly Total	21	1	22	91	1	92	0	0	0
1700 - 1715	7	0	7	20	0	20	0	0	0
1715 - 1730	10	1	11	25	0	25	0	0	0
1730 - 1745	6	0	6	16	0	16	0	0	0
1745 - 1800	11	0	11	14	1	15	0	0	0
Hourly Total	34	1	35	75	1	76	0	0	0
1800 - 1815	3	2	5	9	1	10	0	0	0
1815 - 1830	6	0	6	18	0	18	0	0	0
1830 - 1845	6	0	6	13	0	13	0	0	0
1845 - 1900	3	0	3	12	0	12	0	0	0
Hourly Total	18	2	20	52	1	53	0	0	0
TOTAL	169	16	185	414	12	426	1	0	1

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Produced by Streetwise Services



Junction: (10) A - Unnamed Road Nc

Approach: B - Unnamed Road East

TIME	W/B to C - Unnamed Road West			Right to A - Unnamed Road North			U-Turns to B - Unnamed Road East		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	2	0	2	3	0	3	0	0	0
0715 - 0730	4	0	4	3	0	3	0	0	0
0730 - 0745	6	0	6	5	0	5	0	0	0
0745 - 0800	6	0	6	10	0	10	0	0	0
Hourly Total	18	0	18	21	0	21	0	0	0
0800 - 0815	12	0	12	18	0	18	0	0	0
0815 - 0830	20	0	20	8	0	8	0	0	0
0830 - 0845	20	1	21	4	0	4	0	0	0
0845 - 0900	28	0	28	6	0	6	0	0	0
Hourly Total	80	1	81	36	0	36	0	0	0
0900 - 0915	31	1	32	4	0	4	0	0	0
0915 - 0930	10	1	11	6	0	6	0	0	0
0930 - 0945	14	0	14	2	0	2	0	0	0
0945 - 1000	12	0	12	1	0	1	0	0	0
Hourly Total	67	2	69	13	0	13	0	0	0
1000 - 1015	6	0	6	0	0	0	0	0	0
1015 - 1030	8	0	8	4	0	4	0	0	0
1030 - 1045	21	2	23	4	0	4	0	0	0
1045 - 1100	6	0	6	2	0	2	0	0	0
Hourly Total	41	2	43	10	0	10	0	0	0
1100 - 1115	8	1	9	2	0	2	0	0	0
1115 - 1130	11	0	11	3	0	3	0	0	0
1130 - 1145	3	0	3	2	0	2	0	0	0
1145 - 1200	8	1	9	1	1	2	0	0	0
Hourly Total	30	2	32	8	1	9	0	0	0
1200 - 1215	20	0	20	2	0	2	0	0	0
1215 - 1230	9	1	10	6	1	7	0	0	0
1230 - 1245	20	0	20	4	0	4	0	0	0
1245 - 1300	15	1	16	6	0	6	0	0	0
Hourly Total	64	2	66	18	1	19	0	0	0
1300 - 1315	12	0	12	5	1	6	0	0	0
1315 - 1330	15	0	15	5	0	5	0	0	0
1330 - 1345	20	0	20	3	0	3	0	0	0
1345 - 1400	19	0	19	4	0	4	0	0	0
Hourly Total	66	0	66	17	1	18	0	0	0
1400 - 1415	9	1	10	2	0	2	0	0	0
1415 - 1430	16	0	16	5	0	5	0	0	0
1430 - 1445	18	0	18	4	0	4	0	0	0
1445 - 1500	24	0	24	3	0	3	0	0	0
Hourly Total	67	1	68	14	0	14	0	0	0
1500 - 1515	15	2	17	4	1	5	0	0	0
1515 - 1530	16	1	17	2	0	2	0	0	0
1530 - 1545	12	0	12	3	0	3	0	0	0
1545 - 1600	14	0	14	4	1	5	0	0	0
Hourly Total	57	3	60	13	2	15	0	0	0
1600 - 1615	16	1	17	2	0	2	0	0	0
1615 - 1630	24	2	26	4	0	4	0	0	0
1630 - 1645	20	0	20	3	0	3	0	0	0
1645 - 1700	21	0	21	5	1	6	0	0	0
Hourly Total	81	3	84	14	1	15	0	0	0
1700 - 1715	31	0	31	8	0	8	0	0	0
1715 - 1730	26	0	26	7	0	7	0	0	0
1730 - 1745	38	1	39	13	0	13	0	0	0
1745 - 1800	33	1	34	7	0	7	0	0	0
Hourly Total	128	2	130	35	0	35	0	0	0
1800 - 1815	21	0	21	2	0	2	0	0	0
1815 - 1830	20	2	22	4	0	4	0	0	0
1830 - 1845	17	0	17	4	0	4	0	0	0
1845 - 1900	20	0	20	3	0	3	0	0	0
Hourly Total	78	2	80	13	0	13	0	0	0
TOTAL	777	20	797	212	6	218	0	0	0

Naas - Manual Traffic Survey, Tuesday 7th February 2012

Produced by Streetwise Services



Junction: (10) A - Unnamed Road North

Approach: C - Unnamed Road West

TIME	Left to A - Unnamed Road North			E/B to B - Unnamed Road East			U-Turns to C - Unnamed Road West		
	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL	LIGHT	HEAVY	TOTAL
0700 - 0715	6	0	6	3	1	4	0	0	0
0715 - 0730	12	0	12	6	0	6	0	0	0
0730 - 0745	18	0	18	10	0	10	0	0	0
0745 - 0800	18	0	18	12	0	12	0	0	0
Hourly Total	54	0	54	31	1	32	0	0	0
0800 - 0815	16	0	16	26	0	26	0	0	0
0815 - 0830	32	0	32	30	0	30	0	0	0
0830 - 0845	44	0	44	42	1	43	0	0	0
0845 - 0900	39	0	39	61	0	61	0	0	0
Hourly Total	131	0	131	159	1	160	0	0	0
0900 - 0915	21	1	22	37	0	37	0	0	0
0915 - 0930	9	0	9	17	0	17	0	0	0
0930 - 0945	9	0	9	15	1	16	0	0	0
0945 - 1000	8	0	8	11	1	12	0	0	0
Hourly Total	47	1	48	80	2	82	0	0	0
1000 - 1015	2	0	2	4	0	4	0	0	0
1015 - 1030	2	0	2	4	2	6	0	0	0
1030 - 1045	2	1	3	7	0	7	0	0	0
1045 - 1100	3	0	3	10	0	10	0	0	0
Hourly Total	9	1	10	25	2	27	0	0	0
1100 - 1115	1	0	1	10	1	11	0	0	0
1115 - 1130	6	1	7	8	0	8	0	0	0
1130 - 1145	4	0	4	15	0	15	0	0	0
1145 - 1200	3	0	3	11	2	13	0	0	0
Hourly Total	14	1	15	44	3	47	0	0	0
1200 - 1215	7	1	8	10	1	11	0	0	0
1215 - 1230	5	0	5	9	1	10	0	0	0
1230 - 1245	8	1	9	16	2	18	0	0	0
1245 - 1300	4	0	4	12	0	12	0	0	0
Hourly Total	24	2	26	47	4	51	0	0	0
1300 - 1315	9	0	9	13	0	13	0	0	0
1315 - 1330	4	0	4	14	1	15	0	0	0
1330 - 1345	8	1	9	20	0	20	0	0	0
1345 - 1400	9	2	11	13	0	13	0	0	0
Hourly Total	30	3	33	60	1	61	0	0	0
1400 - 1415	10	0	10	13	1	14	0	0	0
1415 - 1430	5	2	7	16	2	18	0	0	0
1430 - 1445	4	0	4	15	0	15	0	0	0
1445 - 1500	7	1	8	9	1	10	0	0	0
Hourly Total	26	3	29	53	4	57	0	0	0
1500 - 1515	13	0	13	16	1	17	0	0	0
1515 - 1530	9	1	10	15	2	17	0	0	0
1530 - 1545	12	1	13	13	0	13	0	0	0
1545 - 1600	19	1	20	10	0	10	0	0	0
Hourly Total	53	3	56	54	3	57	0	0	0
1600 - 1615	11	0	11	12	1	13	0	0	0
1615 - 1630	7	0	7	16	0	16	0	0	0
1630 - 1645	8	0	8	17	2	19	0	0	0
1645 - 1700	4	1	5	22	2	24	0	0	0
Hourly Total	30	1	31	67	5	72	0	0	0
1700 - 1715	10	0	10	19	0	19	0	0	0
1715 - 1730	10	0	10	16	0	16	0	0	0
1730 - 1745	6	0	6	11	1	12	0	0	0
1745 - 1800	4	0	4	16	1	17	0	0	0
Hourly Total	30	0	30	62	2	64	0	0	0
1800 - 1815	12	0	12	19	0	19	0	0	0
1815 - 1830	6	0	6	15	0	15	0	0	0
1830 - 1845	8	0	8	15	0	15	0	0	0
1845 - 1900	5	0	5	17	0	17	0	0	0
Hourly Total	31	0	31	66	0	66	0	0	0
TOTAL	479	15	494	748	28	776	0	0	0

Naas - Manual Traffic Survey, Tuesday 17th April 2012



Produced by Streetwise Services Ltd.

Approach: A - N7 Bluetooth location 1

TIME	A-B (northbound)					TOTAL	B-A (southbound)					TOTAL
	CAR	LGV	OGV1	OGV2	BUS		CAR	LGV	OGV1	OGV2	BUS	
0000 - 0015	33	2	2	6	0	43	52	1	1	1	21	76
0015 - 0030	33	4	3	9	0	49	61	2	2	2	15	82
0030 - 0045	30	3	3	10	2	48	54	2	0	3	17	76
0045 - 0100	24	1	0	7	0	32	26	2	0	1	11	40
Hourly Total	120	10	8	32	2	172	193	7	3	7	64	274
0100 - 0115	23	4	6	6	0	39	19	5	1	6	1	32
0115 - 0130	17	0	1	5	0	23	28	4	1	14	2	49
0130 - 0145	19	2	1	3	1	26	18	1	2	13	0	34
0145 - 0200	9	2	0	2	0	13	7	3	1	11	0	22
Hourly Total	68	8	8	16	1	101	72	13	5	44	3	137
0200 - 0215	6	1	3	5	1	16	16	1	2	7	1	27
0215 - 0230	4	3	0	5	0	12	12	4	4	11	0	31
0230 - 0245	9	2	2	5	1	19	15	2	3	8	0	28
0245 - 0300	12	1	1	5	0	19	10	1	5	17	0	33
Hourly Total	31	7	6	20	2	66	53	8	14	43	1	119
0300 - 0315	14	0	3	2	0	19	10	4	1	5	1	21
0315 - 0330	12	3	2	4	2	23	13	3	5	11	0	32
0330 - 0345	9	6	2	4	1	22	17	6	6	11	0	40
0345 - 0400	24	3	2	5	2	36	7	5	5	6	0	23
Hourly Total	59	12	9	15	5	100	47	18	17	33	1	116
0400 - 0415	18	3	2	6	0	29	6	3	1	8	1	19
0415 - 0430	28	4	3	8	0	43	13	4	2	11	0	30
0430 - 0445	34	4	4	16	2	60	15	3	11	14	0	43
0445 - 0500	63	8	2	12	2	87	11	4	4	17	0	36
Hourly Total	143	19	11	42	4	219	45	14	18	50	1	128
0500 - 0515	62	8	3	20	0	93	25	10	9	13	1	58
0515 - 0530	67	6	5	24	1	103	11	7	1	14	0	33
0530 - 0545	90	13	13	31	1	148	37	11	12	15	0	75
0545 - 0600	114	16	13	27	0	170	28	4	13	21	2	68
Hourly Total	333	43	34	102	2	514	101	32	35	63	3	234
0600 - 0615	207	19	6	27	0	259	52	15	10	40	1	118
0615 - 0630	339	46	13	34	1	433	77	12	17	33	1	140
0630 - 0645	443	74	25	30	5	577	106	20	20	34	2	182
0645 - 0700	571	60	32	19	3	685	106	20	20	49	0	195
Hourly Total	1560	199	76	110	9	1954	341	67	67	156	4	635
0700 - 0715	700	145	17	22	0	884	176	28	14	53	2	273
0715 - 0730	777	128	27	35	2	966	275	46	17	52	4	387
0730 - 0745	882	123	8	39	4	1056	351	54	33	41	2	481
0745 - 0800	926	139	10	36	5	1116	356	71	27	48	2	504
Hourly Total	3285	535	62	129	11	4022	1161	199	91	194	10	1655
0800 - 0815	861	108	13	36	2	1020	442	83	16	37	3	581
0815 - 0830	913	120	8	22	1	1064	474	67	26	41	2	610
0830 - 0845	894	82	14	51	2	1043	479	65	18	33	1	596
0845 - 0900	686	101	19	37	0	843	447	51	17	41	0	556
Hourly Total	3354	411	54	146	5	3970	1842	266	77	152	6	2343
0900 - 0915	637	75	17	37	6	772	373	47	30	52	3	505
0915 - 0930	681	78	13	36	1	809	417	55	21	34	3	530
0930 - 0945	604	71	9	31	4	719	270	40	18	44	4	376
0945 - 1000	535	70	24	40	4	673	330	47	17	46	4	444
Hourly Total	2457	294	63	144	15	2973	1390	189	86	176	14	1855
1000 - 1015	503	47	20	43	8	621	258	47	18	28	1	352
1015 - 1030	405	50	22	30	1	508	215	47	17	38	4	321
1030 - 1045	438	46	19	35	0	538	252	43	19	29	1	344
1045 - 1100	399	54	24	51	3	531	256	54	15	38	0	363
Hourly Total	1745	197	85	159	12	2198	981	191	69	133	6	1380
1100 - 1115	324	58	20	43	5	450	257	40	18	32	3	350
1115 - 1130	357	52	24	36	1	470	275	54	17	41	3	390
1130 - 1145	362	56	16	36	0	470	207	48	13	52	1	321
1145 - 1200	306	60	19	49	5	439	239	55	18	24	2	338
Hourly Total	1349	226	79	164	11	1829	978	197	66	149	9	1399
1200 - 1215	310	56	19	48	3	436	290	40	23	31	4	388
1215 - 1230	340	54	22	47	2	465	320	46	18	24	2	450
1230 - 1245	367	60	20	51	1	499	305	57	17	45	3	427
1245 - 1300	343	57	15	30	4	449	283	62	26	33	2	406
Hourly Total	1360	227	76	176	10	1849	1228	215	84	133	11	1671
1300 - 1315	333	50	35	29	3	450	319	50	17	29	5	420
1315 - 1330	340	64	19	42	0	465	401	47	12	36	3	499
1330 - 1345	430	53	25	51	4	563	398	54	23	32	1	508
1345 - 1400	301	50	21	26	3	401	361	38	15	28	1	443
Hourly Total	1404	217	100	148	10	1879	1479	189	67	125	10	1870
1400 - 1415	260	52	24	44	2	382	357	63	12	36	3	471
1415 - 1430	376	46	31	40	0	493	439	49	9	33	6	536
1430 - 1445	342	53	21	46	1	463	434	52	12	38	4	540
1445 - 1500	336	55	36	28	4	459	379	62	19	23	3	486
Hourly Total	1314	206	112	158	7	1797	1609	226	52	130	16	2033
1500 - 1515	294	63	28	37	2	424	483	70	13	36	2	604
1515 - 1530	319	49	23	28	1	420	476	71	16	36	5	604
1530 - 1545	343	58	36	40	2	479	541	68	25	35	3	672
1545 - 1600	364	60	34	36	3	497	532	68	18	40	0	658
Hourly Total	1320	230	121	141	8	1820	2032	277	72	147	10	2538
1600 - 1615	438	60	22	24	0	544	668	79	27	40	4	818
1615 - 1630	335	53	23	43	5	459	803	126	31	27	2	989
1630 - 1645	510	75	19	43	2	649	703	128	20	26	4	881
1645 - 1700	497	70	20	28	4	619	873	108	12	24	2	1019
Hourly Total	1760	258	84	138	11	2271	3047	441	90	117	12	3707
1700 - 1715	527	69	16	35	3	650	861	117	11	24	2	1015
1715 - 1730	416	81	14	35	2	548	928	109	14	19	3	1075
1730 - 1745	540	62	20	26	4	652	887	141	12	26	1	1067
1745 - 1800	574	48	7	31	3	663	850	83	11	28	3	975
Hourly Total	2057	260	57	127	12	2513	3526	450	48	97	9	4130
1800 - 1815	393	38	15	32	3	481	755	59	19	26	3	862
1815 - 1830	501	47	10	34	4	596	785	53	12	23	6	879
1830 - 1845	426	25	2	29	1	483	675	43	9	28	3	758
1845 - 1900	424	32	3	22	5	486	684	58	12	22	1	777
Hourly Total	1744	142	30	117	13	2046	2899	213	52	99	13	3276
1900 - 1915	243	18	11	17	0	289	519	30	4	20	2	575
1915 - 1930	258	23	4	21	1	307	455	31	5	12	4	507
1930 - 1945	207	18	3	17	3	248	329	17	6	16	1	369
1945 - 2000	179	18	6	13	1	217	297	12	7	11	1	328
Hourly Total	887	77	24	68	5	1061	1600	90	22	59	8	1779
2000 - 2015	241	15	11	14	3	284	336	10	9	10	1	366
2015 - 2030	154	17	2	33	3	209	259	23	5	18	3	308
2030 - 2045	141	7	2	11	1	162	274	12	5	16	1	308
2045 - 2100	160	4	3	13	4	184	188	12	6	11	0	217
Hourly Total	696	43	18	71	11	839	1057	57	25	55	5	1199
2100 - 2115	148	9	2									

Naas - Manual Traffic Survey, Tuesday 17th April 2012



Produced by Streetwise Services Ltd.

Approach: A - M7 (Bluetooth location 2)

TIME	A-B (northbound)					TOTAL	B-A (southbound)					TOTAL
	CAR	LGV	OGV1	OGV2	BUS		CAR	LGV	OGV1	OGV2	BUS	
0000 - 0015	20	0	3	4	0	27	48	0	1	13	0	60
0015 - 0030	22	2	7	7	0	38	59	0	13	8	2	81
0030 - 0045	22	1	6	7	0	36	38	0	9	12	0	59
0045 - 0100	29	1	0	8	0	38	24	1	3	14	0	42
Hourly Total	93	4	16	26	0	139	167	2	26	45	2	242
0100 - 0115	19	2	1	2	8	32	19	0	3	4	0	26
0115 - 0130	14	1	0	0	7	22	19	1	5	8	0	33
0130 - 0145	16	3	0	0	2	21	18	2	4	9	0	33
0145 - 0200	5	0	0	0	4	9	8	1	2	15	0	26
Hourly Total	54	6	1	2	21	84	64	4	14	36	0	118
0200 - 0215	12	2	0	0	4	18	11	0	1	7	0	19
0215 - 0230	7	1	0	1	2	11	15	1	4	7	0	27
0230 - 0245	12	0	0	0	7	19	15	2	7	6	0	30
0245 - 0300	7	1	0	0	5	13	5	1	9	8	1	24
Hourly Total	38	4	0	1	18	61	46	4	21	28	1	100
0300 - 0315	17	0	0	0	4	21	18	0	2	9	0	29
0315 - 0330	10	1	0	0	4	15	12	1	4	6	0	23
0330 - 0345	14	2	0	1	3	20	15	1	4	8	0	28
0345 - 0400	18	1	0	0	6	25	13	0	6	5	0	24
Hourly Total	59	4	0	1	17	81	58	2	16	28	0	104
0400 - 0415	19	3	2	7	3	34	3	0	1	1	0	5
0415 - 0430	25	4	3	9	1	42	8	2	1	0	0	11
0430 - 0445	29	4	4	15	2	54	16	3	6	14	0	39
0445 - 0500	45	9	2	12	2	70	10	4	4	19	0	37
Hourly Total	118	20	11	43	8	200	37	9	12	34	0	92
0500 - 0515	62	7	3	18	0	90	17	6	9	13	1	46
0515 - 0530	67	6	5	20	1	99	10	7	3	12	0	32
0530 - 0545	87	16	11	28	1	143	20	8	6	14	0	48
0545 - 0600	101	17	13	27	0	158	26	5	12	20	2	65
Hourly Total	317	46	32	93	2	490	73	26	30	59	3	191
0600 - 0615	149	22	7	27	0	205	49	15	11	32	1	108
0615 - 0630	287	36	10	28	1	362	80	12	19	30	1	142
0630 - 0645	477	61	21	25	5	589	86	17	21	34	2	160
0645 - 0700	522	47	9	30	0	608	97	18	27	30	0	172
Hourly Total	1435	166	47	110	6	1764	312	62	78	126	4	582
0700 - 0715	798	63	6	29	0	896	128	23	17	31	1	200
0715 - 0730	843	44	14	48	4	954	239	40	37	35	2	353
0730 - 0745	686	93	15	22	2	818	270	63	28	39	2	402
0745 - 0800	751	91	15	33	3	893	345	66	21	40	1	473
Hourly Total	3078	291	50	133	9	3561	982	192	103	145	6	1428
0800 - 0815	778	95	10	23	3	909	386	70	23	36	3	518
0815 - 0830	661	74	8	28	0	771	388	64	20	36	3	511
0830 - 0845	700	82	14	26	2	824	371	55	18	39	0	483
0845 - 0900	686	93	18	30	1	828	397	57	17	42	2	515
Hourly Total	2825	344	50	107	6	3332	1542	246	78	153	8	2027
0900 - 0915	666	71	13	34	2	786	304	40	28	35	0	407
0915 - 0930	532	61	9	32	2	636	322	53	17	44	2	438
0930 - 0945	535	55	16	29	1	636	269	46	12	38	4	369
0945 - 1000	428	52	21	34	4	539	240	43	18	50	3	364
Hourly Total	2161	239	59	129	9	2597	1135	192	75	167	9	1578
1000 - 1015	370	40	17	35	4	466	198	36	18	37	1	290
1015 - 1030	331	39	22	33	0	425	215	54	19	39	1	328
1030 - 1045	298	30	21	40	0	389	211	42	13	34	2	302
1045 - 1100	336	36	21	40	3	436	221	55	9	35	0	320
Hourly Total	1335	145	81	148	7	1716	845	187	59	145	4	1240
1100 - 1115	310	34	13	40	1	398	250	44	16	35	1	346
1115 - 1130	273	30	20	29	0	352	249	38	23	35	1	346
1130 - 1145	317	38	20	37	0	412	189	29	12	45	1	276
1145 - 1200	261	33	15	34	4	347	195	42	22	17	2	278
Hourly Total	1161	135	68	140	5	1509	883	153	73	132	5	1246
1200 - 1215	306	30	15	43	4	398	229	36	16	33	3	319
1215 - 1230	318	28	23	44	1	414	260	43	20	32	1	366
1230 - 1245	318	27	23	30	3	401	222	29	11	40	2	304
1245 - 1300	274	30	27	35	3	369	233	40	23	30	2	328
Hourly Total	1216	115	88	152	11	1582	944	148	72	135	8	1307
1300 - 1315	351	50	28	40	0	469	289	34	17	34	2	376
1315 - 1330	310	34	19	38	1	402	236	48	5	28	4	321
1330 - 1345	319	34	24	43	3	423	319	37	24	31	2	413
1345 - 1400	281	30	25	34	3	373	282	39	14	36	0	371
Hourly Total	1261	148	96	155	7	1667	1126	158	60	129	8	1481
1400 - 1415	314	37	18	33	1	403	303	43	17	23	2	388
1415 - 1430	264	33	25	30	0	352	308	38	14	41	2	403
1430 - 1445	270	55	29	29	1	394	362	44	10	40	6	462
1445 - 1500	271	44	28	31	2	376	352	46	15	35	1	449
Hourly Total	1119	169	100	123	4	1515	1325	171	56	139	11	1702
1500 - 1515	284	38	18	44	0	384	383	62	13	38	3	499
1515 - 1530	331	50	23	32	0	436	432	67	14	28	1	542
1530 - 1545	308	45	39	37	3	432	371	66	15	33	3	488
1545 - 1600	293	53	16	41	2	405	443	63	19	30	0	555
Hourly Total	1216	186	96	154	5	1657	1629	258	61	129	7	2084
1600 - 1615	372	33	24	39	2	470	498	66	18	38	0	620
1615 - 1630	391	59	15	37	3	505	599	82	26	28	5	740
1630 - 1645	416	62	18	33	1	530	638	113	17	28	1	797
1645 - 1700	414	56	17	29	2	518	676	91	18	21	2	808
Hourly Total	1593	210	74	138	8	2023	2411	352	79	115	8	2965
1700 - 1715	426	59	12	39	3	539	689	102	12	23	1	857
1715 - 1730	435	45	13	24	0	517	780	129	13	25	1	948
1730 - 1745	400	39	12	24	4	479	854	89	10	18	2	973
1745 - 1800	389	27	8	24	4	452	718	73	11	36	3	841
Hourly Total	1650	161	45	111	11	1978	3041	423	46	102	7	3619
1800 - 1815	390	14	9	33	1	447	784	48	7	28	2	869
1815 - 1830	447	22	8	39	1	517	652	38	12	24	4	730
1830 - 1845	337	26	3	32	0	398	634	29	12	23	3	701
1845 - 1900	338	13	0	17	0	368	599	33	6	26	2	666
Hourly Total	1512	75	20	121	2	1730	2669	148	37	101	11	2966
1900 - 1915	219	14	5	18	0	256	407	19	10	11	0	447
1915 - 1930	219	10	3	19	0	251	330	14	7	16	1	368
1930 - 1945	197	8	0	14	0	219	266	13	13	9	2	319
1945 - 2000	174	7	2	23	0	206	210	13	5	16	1	245
Hourly Total	809	39	10	74	0	932	1229	59	35	52	4	1379
2000 - 2015	185	13	6	24	0	228	199	4	13	4	2	222
2015 - 2030	128	11	2	27	0	168	223	9	7	16	1	256
2030 - 2045	138	8	2	10	0	158	217	15	9	13	1	255
2045 - 2100	113	4	2	21	4	144	188	6	7	12	0	213
Hourly Total	564	36	12	82	4	698	827	34	36	45	4	946
2100 - 2115	124	6	3	9	0	142	148	0	2	13	1	16

Naas - Manual Traffic Survey, Tuesday 17th April 2012

Produced by Streetwise Services Ltd.



Approach: A - R445 W (Bluetooth location 3A)

TIME	Eastbound					TOTAL	Westbound					TOTAL
	CAR	LGV	OGV1	OGV2	BUS		CAR	LGV	OGV1	OGV2	BUS	
0000 - 0015	22	0	0	0	0	22	12	0	1	2	0	15
0015 - 0030	9	0	0	1	1	11	10	1	1	2	1	15
0030 - 0045	6	1	1	0	0	8	15	0	0	0	0	15
0045 - 0100	2	1	1	2	0	6	6	0	0	0	0	6
Hourly Total	39	2	2	3	1	47	43	1	2	4	1	51
0100 - 0115	5	1	0	1	0	7	3	0	0	0	0	3
0115 - 0130	7	1	0	0	1	9	4	3	0	1	0	8
0130 - 0145	6	1	0	1	0	8	3	1	1	0	1	6
0145 - 0200	2	0	1	2	0	5	0	1	0	0	0	1
Hourly Total	20	3	1	4	1	29	10	5	1	1	1	18
0200 - 0215	5	1	1	2	0	9	4	0	0	1	0	5
0215 - 0230	3	0	0	0	1	4	2	0	0	2	1	5
0230 - 0245	1	0	0	1	0	2	11	2	1	3	0	17
0245 - 0300	5	1	0	1	0	7	2	1	1	1	0	5
Hourly Total	14	2	1	4	1	22	19	3	2	7	1	32
0300 - 0315	5	3	0	1	0	9	2	0	0	1	0	3
0315 - 0330	4	0	2	0	1	7	2	2	0	1	1	6
0330 - 0345	4	0	0	1	0	5	7	0	1	0	0	8
0345 - 0400	5	1	3	1	0	10	2	0	2	0	0	4
Hourly Total	18	4	5	3	1	31	13	2	3	2	1	21
0400 - 0415	2	0	1	0	0	3	1	0	2	5	0	8
0415 - 0430	3	4	3	1	1	12	2	3	0	0	1	6
0430 - 0445	2	3	1	2	0	8	8	1	0	2	0	11
0445 - 0500	3	0	2	1	0	6	8	4	3	4	0	19
Hourly Total	10	7	7	4	1	29	19	8	5	11	1	44
0500 - 0515	5	1	3	2	0	11	5	2	1	2	0	10
0515 - 0530	6	1	2	4	1	14	14	0	2	3	1	20
0530 - 0545	24	1	2	4	0	31	21	6	1	4	0	32
0545 - 0600	25	1	3	5	0	34	20	1	1	6	0	28
Hourly Total	60	4	10	15	1	90	60	9	5	15	1	90
0600 - 0615	16	5	2	6	1	30	33	4	1	5	1	44
0615 - 0630	14	6	3	5	1	29	46	7	5	5	2	65
0630 - 0645	35	1	3	4	0	43	53	16	4	8	0	81
0645 - 0700	35	5	4	9	1	54	61	9	3	9	1	83
Hourly Total	100	17	12	24	3	156	193	36	13	27	4	273
0700 - 0715	56	11	2	2	0	71	31	10	1	5	0	47
0715 - 0730	64	13	3	6	2	88	48	4	3	9	1	65
0730 - 0745	74	6	3	5	2	90	112	18	3	7	0	140
0745 - 0800	83	9	3	7	0	102	150	25	8	10	1	194
Hourly Total	277	39	11	20	4	351	341	57	15	31	2	446
0800 - 0815	75	8	3	4	0	90	156	18	4	7	1	186
0815 - 0830	80	17	5	2	1	105	151	24	2	8	3	188
0830 - 0845	60	10	4	7	0	81	159	22	6	6	1	194
0845 - 0900	56	14	5	2	0	77	136	23	9	12	1	181
Hourly Total	271	49	17	15	1	353	602	87	21	33	6	749
0900 - 0915	34	9	2	5	0	50	112	19	4	5	0	140
0915 - 0930	36	12	5	9	1	63	112	29	10	7	0	158
0930 - 0945	61	8	3	1	0	73	127	28	7	16	3	181
0945 - 1000	30	15	5	7	0	57	149	14	5	10	1	179
Hourly Total	161	44	15	22	1	243	500	90	26	38	4	658
1000 - 1015	39	13	2	7	0	61	116	24	2	7	0	149
1015 - 1030	39	12	6	8	0	65	112	16	3	7	1	139
1030 - 1045	45	12	3	9	0	69	105	12	10	12	2	141
1045 - 1100	38	16	2	3	0	59	123	27	4	8	2	164
Hourly Total	161	53	13	27	0	254	456	79	19	34	5	593
1100 - 1115	47	8	1	8	0	64	118	19	7	10	1	155
1115 - 1130	30	9	6	6	0	51	105	18	11	2	1	137
1130 - 1145	45	9	3	3	0	60	108	19	7	8	1	143
1145 - 1200	33	5	4	7	0	49	116	14	5	7	1	143
Hourly Total	155	31	14	24	0	224	447	70	30	27	4	578
1200 - 1215	37	9	5	4	0	55	123	23	8	6	2	162
1215 - 1230	38	9	5	6	0	58	136	26	6	2	1	177
1230 - 1245	46	7	7	6	0	66	141	28	2	5	1	177
1245 - 1300	53	6	5	5	0	69	132	35	9	1	0	177
Hourly Total	174	31	22	21	0	248	532	112	25	19	5	693
1300 - 1315	50	8	6	6	1	71	155	29	11	8	1	204
1315 - 1330	44	10	4	2	0	60	138	23	9	2	2	174
1330 - 1345	64	17	4	7	0	92	131	18	8	8	3	168
1345 - 1400	60	9	4	4	0	77	111	22	3	6	1	143
Hourly Total	218	44	18	19	1	300	535	92	31	24	7	689
1400 - 1415	45	9	4	5	0	63	140	20	4	11	1	176
1415 - 1430	60	10	6	8	0	84	135	27	3	4	2	171
1430 - 1445	63	8	3	4	0	78	137	27	7	5	1	177
1445 - 1500	46	5	3	5	0	59	115	26	4	3	0	148
Hourly Total	214	32	16	22	0	284	527	100	18	23	4	672
1500 - 1515	44	11	6	1	0	62	97	24	6	3	1	131
1515 - 1530	40	9	5	2	1	57	128	18	8	8	2	164
1530 - 1545	53	14	6	2	1	76	145	23	13	6	1	188
1545 - 1600	38	20	2	6	0	66	133	18	9	3	3	166
Hourly Total	175	54	19	11	2	261	503	83	36	20	7	649
1600 - 1615	54	9	4	7	0	74	112	21	7	5	0	145
1615 - 1630	60	10	9	4	1	84	121	28	5	3	0	167
1630 - 1645	77	15	1	3	0	96	133	20	2	7	2	164
1645 - 1700	60	14	6	4	1	85	124	15	8	6	3	156
Hourly Total	251	48	20	18	2	339	490	84	22	21	5	622
1700 - 1715	113	28	2	2	0	145	132	16	2	7	1	158
1715 - 1730	95	11	3	1	0	110	153	11	4	8	1	177
1730 - 1745	114	10	3	8	0	135	145	16	4	4	3	172
1745 - 1800	66	5	0	5	0	76	152	20	2	4	1	179
Hourly Total	388	54	8	16	0	466	582	63	12	23	6	686
1800 - 1815	78	7	1	2	0	88	152	15	4	5	1	177
1815 - 1830	64	7	2	1	0	74	146	16	1	4	1	168
1830 - 1845	52	6	2	3	0	63	142	20	2	3	4	171
1845 - 1900	38	7	2	5	0	52	130	14	3	3	2	152
Hourly Total	232	27	7	11	0	277	570	65	10	15	8	668
1900 - 1915	64	7	3	5	1	80	109	8	4	4	2	127
1915 - 1930	82	14	3	4	2	105	83	4	3	3	0	93
1930 - 1945	78	10	5	4	0	97	74	2	1	2	1	80
1945 - 2000	87	7	1	2	0	97	70	6	0	4	0	80
Hourly Total	311	38	12	15	3	379	336	20	8	13	3	380
2000 - 2015	72	7	1	1	1	82	80	6	1	3	2	92
2015 - 2030	61	2	0	4	1	68	55	4	1	1	0	61
2030 - 2045	62	7	2	2	1	74	44	4	0	1	1	50
2045 - 2100	62	3	1	3	1	70	40	5	1	1	0	47
Hourly Total	257	19	4	10	4	294	219	19	3	6	3	250
2100 - 2115	67	4	0	2	0	73	50	1	1	2	0	54
2115 - 2130	61	3	0	1	1	66	28	6	1	0	2	37
2130 - 2145	49	1	1	5	1	57	36	1	0	1	1	39
2145 - 2200	39	0	1	2	1	43	31	2	0	3	0	36
Hourly Total	216	8	2	10	3	239	145	10	2	6	3	166
2200 - 2215	41	3	0	2	0	46	42	2	0	2	0	46
2215 - 2230	38	0	1	1	1	41	22	1				

Naas - Manual Traffic Survey, Tuesday 17th April 2012

Produced by Streetwise Services Ltd.



Approach: B - M7 Access Rd (Bluetooth location 3B)

TIME	Northbound					TOTAL	Southbound					TOTAL
	CAR	LGV	OGV1	OGV2	BUS		CAR	LGV	OGV1	OGV2	BUS	
0000 - 0015	0	0	0	0	0	0	10	0	0	0	0	11
0015 - 0030	0	0	0	0	0	0	5	0	0	0	0	5
0030 - 0045	0	0	0	0	0	0	7	0	1	3	0	11
0045 - 0100	0	0	0	0	0	0	9	0	0	4	0	13
Hourly Total	0	0	0	0	0	0	31	1	1	7	0	40
0100 - 0115	0	0	0	0	0	0	4	0	0	5	0	9
0115 - 0130	0	0	0	0	0	0	1	1	0	2	0	4
0130 - 0145	1	0	0	0	0	1	0	0	0	1	0	1
0145 - 0200	0	0	0	0	0	0	2	0	1	3	0	6
Hourly Total	1	0	0	0	0	1	7	1	1	11	0	20
0200 - 0215	0	0	0	0	0	0	1	0	0	1	0	2
0215 - 0230	0	0	0	0	0	0	3	0	0	2	0	5
0230 - 0245	0	0	1	0	0	1	6	1	1	2	0	10
0245 - 0300	0	0	0	0	0	0	1	1	1	4	0	7
Hourly Total	0	0	1	0	0	1	11	2	2	9	0	24
0300 - 0315	0	0	0	0	0	0	1	0	1	1	0	3
0315 - 0330	0	0	0	0	0	0	3	0	0	1	0	4
0330 - 0345	0	0	0	0	0	0	1	0	0	3	0	4
0345 - 0400	0	0	0	0	0	0	1	1	0	0	0	2
Hourly Total	0	0	0	0	0	0	6	1	1	5	0	13
0400 - 0415	0	0	0	0	0	0	3	0	1	0	0	4
0415 - 0430	0	0	0	0	0	0	0	1	0	2	0	3
0430 - 0445	0	0	0	0	0	0	1	0	0	2	0	3
0445 - 0500	0	0	0	0	0	0	5	2	0	1	0	8
Hourly Total	0	0	0	0	0	0	9	3	1	5	0	18
0500 - 0515	0	0	0	1	0	1	1	0	0	1	0	2
0515 - 0530	0	0	0	1	0	1	1	0	2	0	0	3
0530 - 0545	0	0	0	0	0	0	6	1	2	3	0	12
0545 - 0600	0	0	0	0	0	0	5	2	2	2	0	11
Hourly Total	0	0	0	2	0	2	13	3	6	6	0	28
0600 - 0615	0	0	0	0	0	0	6	4	2	1	0	13
0615 - 0630	2	0	0	0	0	2	7	1	2	1	0	11
0630 - 0645	1	0	1	0	0	2	17	4	1	6	0	28
0645 - 0700	1	0	0	0	1	2	21	6	1	6	1	35
Hourly Total	4	0	1	0	1	6	51	15	6	14	1	87
0700 - 0715	2	0	0	0	1	3	28	10	2	3	1	44
0715 - 0730	2	0	0	0	0	2	48	13	7	4	0	72
0730 - 0745	1	0	0	0	0	1	58	9	4	3	1	75
0745 - 0800	3	3	0	0	0	6	57	8	3	6	0	74
Hourly Total	8	3	0	0	1	12	191	40	16	16	2	265
0800 - 0815	5	0	0	0	0	5	95	10	4	3	0	112
0815 - 0830	12	0	0	0	0	12	110	10	5	2	1	128
0830 - 0845	8	0	0	0	0	8	101	13	3	4	0	121
0845 - 0900	11	1	0	0	0	12	121	10	2	4	0	137
Hourly Total	36	1	0	0	0	37	427	43	14	13	1	498
0900 - 0915	7	4	1	0	0	12	52	10	2	5	0	69
0915 - 0930	6	2	1	0	0	9	58	9	6	7	1	81
0930 - 0945	5	0	2	0	0	7	70	12	2	5	0	89
0945 - 1000	4	4	2	0	1	11	45	12	6	5	0	68
Hourly Total	22	8	4	1	0	35	225	43	16	22	1	307
1000 - 1015	4	3	0	0	0	7	51	18	6	7	0	82
1015 - 1030	4	1	1	0	0	6	58	18	5	4	0	85
1030 - 1045	4	2	0	0	0	6	42	13	5	9	0	69
1045 - 1100	10	2	0	0	0	12	46	12	5	10	0	73
Hourly Total	22	8	1	0	0	31	197	61	21	30	0	309
1100 - 1115	5	2	0	0	0	7	44	9	1	6	0	60
1115 - 1130	10	4	2	0	0	16	47	10	5	6	0	68
1130 - 1145	7	2	0	1	0	10	45	13	3	3	0	64
1145 - 1200	4	1	2	0	0	7	49	7	2	3	0	61
Hourly Total	26	9	4	1	0	40	185	39	11	18	0	253
1200 - 1215	7	2	1	0	0	10	51	13	5	3	0	72
1215 - 1230	2	4	2	0	0	8	48	9	1	7	0	65
1230 - 1245	11	1	0	0	0	12	61	11	5	4	0	81
1245 - 1300	5	3	1	0	0	9	64	5	3	7	0	79
Hourly Total	25	10	4	0	0	39	224	38	14	21	0	297
1300 - 1315	7	1	0	0	0	8	75	10	1	5	1	92
1315 - 1330	3	0	1	0	0	4	59	8	5	1	1	74
1330 - 1345	6	0	0	0	0	6	61	15	1	4	1	82
1345 - 1400	10	1	2	0	0	13	53	6	3	3	0	65
Hourly Total	26	2	3	0	0	31	248	39	10	13	3	313
1400 - 1415	7	3	0	0	0	10	62	11	5	1	1	80
1415 - 1430	7	4	0	0	0	11	62	14	1	5	0	82
1430 - 1445	9	3	0	0	0	12	53	12	4	5	0	84
1445 - 1500	11	2	1	0	0	14	74	18	1	6	0	99
Hourly Total	34	12	1	0	0	47	261	55	11	17	1	345
1500 - 1515	7	0	0	0	0	7	68	5	5	1	0	79
1515 - 1530	8	1	0	0	0	9	68	17	2	1	1	89
1530 - 1545	7	1	1	0	0	9	92	14	1	3	0	110
1545 - 1600	9	3	2	0	0	14	108	18	5	2	0	133
Hourly Total	31	5	3	0	0	39	336	54	13	7	1	411
1600 - 1615	7	1	2	0	0	10	99	13	2	3	0	117
1615 - 1630	8	1	0	0	0	9	116	18	4	5	0	143
1630 - 1645	12	1	0	0	0	13	129	15	5	8	0	157
1645 - 1700	7	0	0	0	0	7	146	24	3	5	0	178
Hourly Total	34	3	2	0	0	39	490	70	14	21	0	595
1700 - 1715	8	3	0	0	0	11	180	20	0	5	0	206
1715 - 1730	12	3	0	0	0	15	154	22	3	0	0	179
1730 - 1745	6	0	0	0	0	6	171	25	1	6	0	203
1745 - 1800	5	2	0	0	0	7	141	12	2	2	0	157
Hourly Total	31	8	0	1	0	40	646	79	6	14	0	745
1800 - 1815	2	3	0	0	0	5	141	20	2	3	0	166
1815 - 1830	6	1	2	0	0	9	125	19	0	2	0	146
1830 - 1845	2	0	0	0	0	2	82	8	2	3	1	96
1845 - 1900	1	1	0	0	0	2	71	14	2	2	0	89
Hourly Total	11	5	2	0	0	18	419	61	6	10	1	497
1900 - 1915	3	0	0	0	0	3	83	4	4	3	0	94
1915 - 1930	1	0	0	0	0	1	81	5	1	3	0	70
1930 - 1945	1	1	0	0	0	2	52	3	1	2	1	59
1945 - 2000	0	0	0	0	0	0	54	9	3	2	0	68
Hourly Total	5	1	0	0	0	6	250	21	9	10	1	291
2000 - 2015	3	1	0	0	0	4	45	8	0	0	0	53
2015 - 2030	3	0	0	0	0	3	43	6	1	0	0	50
2030 - 2045	1	0	0	0	0	1	51	2	0	0	0	53
2045 - 2100	2	0	0	0	0	2	45	4	1	2	0	52
Hourly Total	9	1	0	0	0	10	184	20	2	2	0	208
2100 - 2115	0	0	0	0	0	0	60	9	1	1	0	71
2115 - 2130	0	0	0	0	0	0	38	4	0	1	0	43
2130 - 2145	1	0	1	0	0	2	44	0	0	2	0	46
2145 - 2200	1	0	0	0	0	1	46	2	0	4	0	54
Hourly Total	2	0	1	0	0	3	180	15	1	8	0	214
2200 - 2215	0	0	0	0	0	0	34	2	0	5	0	41
2215 - 2230	0	0	0	0	0	0	36	0	1	4	0	41
2230 - 2245	0	0	0	0	0	0	13	1	0	3	0	17
2245 - 2300	0	0	0	0	0	0	10	3	0	2	0	15
Hourly Total	0	0	0	0	0	0	93	6	1	14	0	114
2300 -												

Naas - Manual Traffic Survey, Tuesday 17th April 2012

Produced by Streetwise Services Ltd.



Approach: C - R445 East (Bluetooth location 3C)

TIME	Westbound					TOTAL	Eastbound					TOTAL
	CAR	LGV	OGV1	OGV2	BUS		CAR	LGV	OGV1	OGV2	BUS	
0000 - 0015	9	1	0	3	0	11	19	0	2	0	21	
0015 - 0030	12	0	1	3	1	17	8	1	0	1	11	
0030 - 0045	13	0	2	1	0	16	10	0	0	5	15	
0045 - 0100	6	0	0	1	0	7	8	1	2	5	16	
Hourly Total	40	1	3	6	1	51	45	2	2	13	63	
0100 - 0115	3	2	0	2	0	7	7	0	0	6	13	
0115 - 0130	5	1	2	3	0	11	9	1	0	3	14	
0130 - 0145	8	0	1	3	1	13	4	1	0	3	8	
0145 - 0200	2	1	1	1	0	5	2	0	2	4	8	
Hourly Total	18	4	4	9	1	36	22	2	2	16	43	
0200 - 0215	4	0	0	2	0	6	4	0	0	3	7	
0215 - 0230	2	0	0	1	1	4	3	0	0	3	7	
0230 - 0245	7	0	1	4	0	12	2	0	0	4	6	
0245 - 0300	2	0	0	1	0	3	2	0	0	6	8	
Hourly Total	15	0	1	8	1	25	11	0	0	16	28	
0300 - 0315	4	0	0	4	0	8	1	0	1	1	3	
0315 - 0330	2	0	0	3	1	6	6	0	1	2	10	
0330 - 0345	3	0	2	3	0	8	3	0	0	4	7	
0345 - 0400	1	1	4	0	0	6	4	1	1	0	6	
Hourly Total	10	1	6	10	1	28	14	1	3	7	26	
0400 - 0415	4	0	2	2	0	8	4	0	0	3	7	
0415 - 0430	3	2	0	0	1	6	3	2	0	5	11	
0430 - 0445	6	2	0	1	0	9	3	3	1	1	8	
0445 - 0500	11	6	3	3	0	23	7	0	1	1	9	
Hourly Total	24	10	5	6	1	46	17	5	2	10	35	
0500 - 0515	7	3	4	1	0	15	2	2	3	4	11	
0515 - 0530	6	0	0	3	1	10	3	1	2	2	9	
0530 - 0545	10	3	2	3	0	18	16	3	2	8	29	
0545 - 0600	17	3	3	5	0	28	14	1	3	2	20	
Hourly Total	40	9	9	12	1	71	35	7	10	16	69	
0600 - 0615	24	2	0	2	1	29	15	7	1	0	23	
0615 - 0630	34	2	3	5	2	46	13	5	5	6	30	
0630 - 0645	47	7	1	4	0	59	32	4	3	4	43	
0645 - 0700	38	10	4	8	1	61	33	8	2	5	48	
Hourly Total	143	21	8	19	4	195	93	24	11	15	144	
0700 - 0715	42	13	3	6	1	65	51	7	5	8	72	
0715 - 0730	71	12	6	7	1	97	33	7	2	6	55	
0730 - 0745	127	25	5	4	0	161	114	11	9	12	147	
0745 - 0800	150	17	5	13	1	186	118	10	4	5	139	
Hourly Total	390	67	19	30	3	509	376	35	20	31	471	
0800 - 0815	164	24	9	6	0	203	159	22	9	11	201	
0815 - 0830	201	12	5	5	3	226	194	20	2	9	226	
0830 - 0845	185	24	8	4	1	222	203	20	3	8	238	
0845 - 0900	210	19	3	11	2	245	167	19	6	3	196	
Hourly Total	760	79	25	26	6	896	723	81	20	31	861	
0900 - 0915	136	20	2	5	0	163	163	19	6	12	201	
0915 - 0930	141	26	8	12	1	188	144	23	7	5	181	
0930 - 0945	126	32	7	6	5	176	157	30	5	8	202	
0945 - 1000	168	11	7	6	2	194	150	25	5	8	188	
Hourly Total	571	89	18	29	8	715	614	97	23	33	772	
1000 - 1015	120	23	5	6	0	154	112	26	4	7	150	
1015 - 1030	129	19	6	10	1	165	130	22	5	9	168	
1030 - 1045	110	13	12	13	1	149	124	19	5	9	159	
1045 - 1100	115	30	8	12	2	167	126	24	5	6	162	
Hourly Total	474	85	31	41	4	635	492	91	19	31	639	
1100 - 1115	125	29	7	6	1	168	123	26	7	11	169	
1115 - 1130	117	23	14	8	1	163	104	14	7	3	130	
1130 - 1145	123	33	7	4	1	168	134	13	6	4	158	
1145 - 1200	129	17	5	5	1	157	133	26	13	3	176	
Hourly Total	494	102	33	23	4	656	494	79	33	21	633	
1200 - 1215	144	25	6	4	1	180	130	29	5	3	168	
1215 - 1230	149	26	7	6	2	190	131	18	8	3	162	
1230 - 1245	147	22	3	7	1	180	149	16	5	3	174	
1245 - 1300	157	24	2	7	0	190	125	24	8	7	164	
Hourly Total	597	97	18	24	4	740	535	87	26	16	668	
1300 - 1315	178	33	6	4	1	222	138	9	5	1	153	
1315 - 1330	161	16	8	2	5	192	149	20	3	5	180	
1330 - 1345	153	21	7	6	3	190	141	24	4	6	177	
1345 - 1400	131	18	2	5	1	157	135	20	3	9	168	
Hourly Total	623	88	23	17	10	761	563	73	15	21	678	
1400 - 1415	167	26	6	5	2	206	104	26	6	2	140	
1415 - 1430	147	28	3	4	2	184	133	25	5	4	172	
1430 - 1445	155	29	7	3	1	195	141	15	8	3	168	
1445 - 1500	151	33	9	7	0	200	139	27	6	7	180	
Hourly Total	620	116	25	19	5	785	517	93	25	16	660	
1500 - 1515	123	23	8	3	0	157	173	24	4	3	205	
1515 - 1530	168	24	4	6	2	204	152	18	3	3	179	
1530 - 1545	171	13	4	6	1	195	157	27	6	11	203	
1545 - 1600	192	20	4	2	3	221	163	22	7	8	201	
Hourly Total	654	80	20	17	6	777	645	91	20	25	788	
1600 - 1615	177	25	2	0	0	204	181	14	6	0	207	
1615 - 1630	189	31	7	4	0	231	173	18	7	4	203	
1630 - 1645	211	18	6	11	2	248	167	20	5	9	202	
1645 - 1700	205	23	5	11	3	247	151	20	4	6	183	
Hourly Total	782	97	20	26	5	930	672	72	22	25	795	
1700 - 1715	215	15	2	9	1	242	212	17	6	3	240	
1715 - 1730	229	21	6	2	1	259	174	20	2	5	203	
1730 - 1745	181	26	1	7	2	217	184	15	2	4	206	
1745 - 1800	211	23	3	1	1	239	193	14	5	2	214	
Hourly Total	836	85	12	19	5	957	763	66	15	14	863	
1800 - 1815	215	22	3	3	0	243	186	20	2	3	211	
1815 - 1830	232	17	0	4	0	253	163	16	2	4	188	
1830 - 1845	137	12	2	4	5	160	131	20	0	6	157	
1845 - 1900	133	15	2	6	2	158	131	14	1	8	155	
Hourly Total	717	66	7	17	7	814	611	70	5	21	711	
1900 - 1915	129	8	1	3	1	142	139	7	4	5	156	
1915 - 1930	114	2	2	3	0	121	113	8	1	7	130	
1930 - 1945	104	4	1	1	1	111	104	11	3	2	121	
1945 - 2000	96	7	3	2	0	108	121	11	2	1	135	
Hourly Total	443	21	7	9	2	482	477	37	10	15	542	
2000 - 2015	103	8	2	3	1	117	92	7	0	1	101	
2015 - 2030	76	10	1	3	0	90	84	7	1	0	93	
2030 - 2045	64	8	1	7	1	81	88	14	2	0	104	
2045 - 2100	63	5	3	0	0	71	85	5	1	1	93	
Hourly Total	306	31	7	13	2	359	349	33	4	2	391	
2100 - 2115	55	5	2	4	0	66	85	8	0	3	96	
2115 - 2130	50	2	1	2	2	57	69	5	2	3	80	
2130 - 2145	52	2	0	3	1	58	89	0	0	2	91	
2145 - 2200	48	2	1	2	0	53	80	4	0	4	89	
Hourly Total	205	11	4	11	3	234	329	17	2	12	356	
2200 - 2215	44	3	0	4	0	51	46	0	1	6	56	
2215 - 2230	38	6	1	4	1	50	38	3	0	4	46	
2230 - 2245	20	6	2	1	0	29	29	2	0	3	36	
2245 - 2300	34	5	1	9	0	49	26	4	1	3	35	
Hourly Total	136	20	4	18	1	179	142	9	2	16	173	
2300 - 2315	24	2	2	3	0	31	27	3	0	3	33	
2315 - 2330	11	0	1	3	2	17	27	2	1	3	34	
2330 - 2345	14	1	0	1	0	16	21	0	1	2	24	
23												

Naas - Manual Traffic Survey, Tuesday 17th April 2012



Produced by Streetwise Services Ltd.

Approach: A - M7 (Bluetooth location 4)

TIME	A-B (northbound)					TOTAL	B-A (southbound)					TOTAL
	CAR	LGV	OGV1	OGV2	BUS		CAR	LGV	OGV1	OGV2	BUS	
0000 - 0015	21	3	3	0	0	27	58	2	2	12	0	74
0015 - 0030	20	1	10	3	0	34	61	0	12	5	2	80
0030 - 0045	25	0	0	6	0	31	35	0	10	13	1	59
0045 - 0100	25	0	1	10	0	36	37	1	3	14	0	55
Hourly Total	91	4	14	19	0	128	191	3	27	44	3	268
0100 - 0115	16	0	2	8	0	26	17	0	2	9	0	28
0115 - 0130	11	0	0	10	0	21	14	2	4	9	0	29
0130 - 0145	15	0	0	1	0	16	11	3	4	10	0	28
0145 - 0200	5	0	0	6	0	11	17	1	4	17	0	39
Hourly Total	47	0	2	25	0	74	59	6	14	45	0	124
0200 - 0215	9	0	2	9	0	20	8	0	1	9	1	19
0215 - 0230	7	0	2	5	0	14	18	1	4	9	0	32
0230 - 0245	8	0	1	7	0	16	20	4	8	8	0	40
0245 - 0300	8	0	0	6	0	14	12	3	10	10	1	36
Hourly Total	32	0	5	27	0	64	58	8	23	36	2	127
0300 - 0315	15	0	0	2	0	17	18	0	4	9	0	31
0315 - 0330	8	0	0	3	0	11	15	2	4	5	0	26
0330 - 0345	17	0	0	6	0	23	23	2	4	12	0	41
0345 - 0400	14	1	1	7	0	23	7	2	5	4	0	18
Hourly Total	54	1	1	18	0	74	63	6	17	30	0	116
0400 - 0415	22	0	1	9	0	32	8	0	3	0	0	11
0415 - 0430	27	0	0	15	0	42	3	1	0	3	0	7
0430 - 0445	35	0	3	9	3	50	22	3	6	12	1	44
0445 - 0500	44	0	2	11	3	60	11	5	5	17	0	38
Hourly Total	128	0	6	44	6	184	44	9	14	32	1	100
0500 - 0515	52	5	1	8	2	68	10	6	7	12	1	36
0515 - 0530	58	5	0	11	3	77	14	5	4	9	0	32
0530 - 0545	106	1	18	15	2	142	28	9	6	17	1	61
0545 - 0600	116	3	12	22	1	154	35	7	12	20	2	76
Hourly Total	332	14	31	56	8	441	87	27	29	58	4	205
0600 - 0615	177	3	7	30	1	218	42	18	11	23	1	95
0615 - 0630	304	7	1	29	2	343	69	13	19	21	2	124
0630 - 0645	356	18	1	34	0	409	76	18	21	29	3	147
0645 - 0700	467	32	2	29	1	531	98	21	25	23	0	167
Hourly Total	1304	60	11	122	4	1501	285	70	76	96	6	533
0700 - 0715	744	54	4	24	0	826	142	29	20	26	1	218
0715 - 0730	781	31	14	45	4	875	247	49	41	32	3	372
0730 - 0745	613	82	14	17	1	727	263	53	27	32	2	387
0745 - 0800	687	93	11	34	4	829	309	57	15	38	1	420
Hourly Total	2825	260	43	120	9	3257	961	198	103	128	7	1397
0800 - 0815	754	85	5	9	2	855	374	75	26	27	1	503
0815 - 0830	664	73	4	22	0	763	405	61	21	29	2	518
0830 - 0845	724	82	9	17	1	833	380	55	17	33	1	486
0845 - 0900	738	96	15	26	1	876	449	50	10	34	3	546
Hourly Total	2880	336	33	74	4	3327	1608	241	74	123	7	2053
0900 - 0915	682	71	10	31	2	796	271	38	26	31	0	366
0915 - 0930	536	54	7	21	0	618	328	50	15	41	1	435
0930 - 0945	554	45	14	35	0	648	268	47	3	32	3	353
0945 - 1000	405	51	29	33	3	514	213	18	42	42	3	328
Hourly Total	2177	221	53	120	5	2576	1080	187	62	146	7	1482
1000 - 1015	381	36	16	23	3	459	183	41	21	32	2	279
1015 - 1030	333	28	22	31	0	414	217	55	20	36	1	329
1030 - 1045	315	32	14	42	0	403	200	47	10	36	0	293
1045 - 1100	354	37	19	40	1	451	204	55	9	42	0	310
Hourly Total	1383	133	71	136	4	1727	804	198	60	146	3	1211
1100 - 1115	301	24	10	30	1	366	238	42	11	26	0	317
1115 - 1130	253	17	14	28	1	313	245	31	19	35	2	332
1130 - 1145	313	34	21	25	0	393	181	32	9	40	0	262
1145 - 1200	264	28	11	31	4	338	185	34	13	10	2	244
Hourly Total	1131	103	56	114	6	1410	849	139	52	111	4	1155
1200 - 1215	296	22	13	41	3	385	217	32	14	31	3	297
1215 - 1230	315	17	20	38	2	392	265	40	14	30	0	339
1230 - 1245	301	22	20	29	4	376	203	24	10	41	1	279
1245 - 1300	272	31	30	30	3	366	238	27	17	31	3	316
Hourly Total	1174	92	83	138	12	1499	913	123	55	133	7	1231
1300 - 1315	333	45	27	30	2	437	290	34	5	28	3	360
1315 - 1330	293	29	20	38	0	380	215	38	1	23	6	283
1330 - 1345	313	29	18	44	3	407	327	44	18	25	2	416
1345 - 1400	293	24	21	31	3	372	289	31	11	36	0	367
Hourly Total	1232	127	86	143	8	1596	1121	147	35	112	11	1426
1400 - 1415	324	32	13	35	0	404	297	41	19	17	4	378
1415 - 1430	253	18	18	24	2	315	300	38	7	41	0	386
1430 - 1445	290	48	28	27	2	395	363	46	8	40	7	464
1445 - 1500	289	49	20	28	3	389	358	45	14	34	2	453
Hourly Total	1096	147	79	114	7	1443	1318	170	48	132	13	1681
1500 - 1515	317	38	16	41	0	412	390	52	12	34	2	490
1515 - 1530	320	48	18	41	0	427	423	65	13	22	1	524
1530 - 1545	329	35	40	37	3	444	373	57	2	29	3	464
1545 - 1600	284	54	14	42	1	395	454	60	16	26	1	557
Hourly Total	1250	175	88	161	4	1678	1640	234	43	111	7	2035
1600 - 1615	355	27	30	41	3	456	520	60	12	34	0	626
1615 - 1630	372	51	14	30	1	468	628	80	26	27	3	764
1630 - 1645	388	62	20	37	0	507	666	110	15	28	0	819
1645 - 1700	417	52	11	26	2	508	705	104	11	20	3	843
Hourly Total	1532	192	75	134	6	1939	2519	354	64	109	6	3052
1700 - 1715	441	46	11	24	3	525	765	134	8	19	2	928
1715 - 1730	407	43	12	21	1	484	811	142	15	19	1	988
1730 - 1745	395	33	12	25	4	469	885	96	2	24	1	1008
1745 - 1800	355	25	7	25	3	415	709	67	7	33	4	820
Hourly Total	1598	147	42	105	11	1903	3171	439	32	94	8	3744
1800 - 1815	366	18	14	28	1	427	781	59	2	28	0	870
1815 - 1830	395	26	9	36	0	466	658	38	8	20	3	727
1830 - 1845	345	24	4	31	0	404	582	22	12	18	5	639
1845 - 1900	317	12	1	15	0	345	550	35	3	18	1	607
Hourly Total	1423	80	28	110	1	1642	2571	154	25	84	9	2843
1900 - 1915	248	5	1	26	0	280	393	19	12	10	0	434
1915 - 1930	145	7	6	23	0	181	320	16	6	15	1	358
1930 - 1945	179	2	2	12	1	196	267	12	13	8	3	300
1945 - 2000	199	5	12	13	4	233	218	16	6	15	3	258
Hourly Total	771	19	21	74	5	890	1195	63	37	48	7	1350
2000 - 2015	159	4	4	23	4	194	195	12	10	3	1	221
2015 - 2030	127	0	4	21	3	155	221	13	7	14	1	256
2030 - 2045	127	2	3	14	1	147	223	14	7	13	1	258
2045 - 2100	144	1	4	19	2	170	183	7	7	12	0	209
Hourly Total	557	7	15	77	10	666	822	46	31	42	3	944
2100 - 2115	124	1	4	19	2	150	164	9	4	11	1	189
2115 - 213												