

Appendix E – Traffic Counts

- **June 2011 Traffic Counts, 5 Sites (XC187, XC201, XC209, XC215 & XC219);**
- **October 2010 Traffic Counts, 2 Sites (XC211 & XC212).**

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC187

NORTHBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
0000	0	0	0	0	0
0015	0	0	0	0	0
0030	0	0	0	0	0
0045	0	0	0	0	0
HR/TOT	0	0	0	0	0
0100	0	0	0	0	0
0115	0	0	0	0	0
0130	0	0	0	0	0
0145	0	0	0	0	0
HR/TOT	0	0	0	0	0
0200	0	0	0	0	0
0215	0	0	0	0	0
0230	0	0	0	0	0
0245	0	0	0	0	0
HR/TOT	0	0	0	0	0
0300	0	0	0	0	0
0315	0	0	0	0	0
0330	0	0	0	0	0
0345	0	0	0	0	0
HR/TOT	0	0	0	0	0
0400	0	0	0	0	0
0415	0	0	0	0	0
0430	0	0	0	0	0
0445	0	0	0	0	0
HR/TOT	0	0	0	0	0
0500	0	0	0	0	0
0515	0	0	0	0	0
0530	0	0	0	0	0
0545	0	0	0	0	0
HR/TOT	0	0	0	0	0
0600	0	0	0	0	0
0615	0	0	0	0	0
0630	0	0	0	0	0
0645	0	0	0	0	0
HR/TOT	0	0	0	0	0
0700	0	0	0	0	0
0715	0	0	0	0	0
0730	0	1	0	0	1
0745	0	0	0	0	0
HR/TOT	0	1	0	0	1
0800	0	0	0	0	0
0815	0	0	0	0	0
0830	0	0	0	0	0
0845	0	0	0	0	0
HR/TOT	0	0	0	0	0
0900	0	0	0	0	0
0915	0	0	0	0	0
0930	0	0	0	0	0
0945	0	0	0	0	0
HR/TOT	0	0	0	0	0
1000	0	0	0	0	0
1015	0	1	0	0	1
1030	0	0	0	0	0
1045	0	0	0	0	0
HR/TOT	0	1	0	0	1
1100	0	0	0	0	0
1115	0	1	0	0	1
1130	0	0	0	0	0
1145	0	0	0	0	0
HR/TOT	0	1	0	0	1

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC187

NORTHBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
1200	0	0	0	0	0
1215	0	0	0	0	0
1230	0	0	0	0	0
1245	0	0	0	0	0
HR/TOT	0	0	0	0	0
1300	0	0	0	0	0
1315	0	1	0	0	1
1330	0	0	0	0	0
1345	0	0	0	0	0
HR/TOT	0	1	0	0	1
1400	0	0	0	0	0
1415	0	0	0	0	0
1430	0	0	0	0	0
1445	0	0	0	0	0
HR/TOT	0	0	0	0	0
1500	0	1	0	0	1
1515	0	1	0	0	1
1530	0	1	0	0	1
1545	0	0	0	0	0
HR/TOT	0	3	0	0	3
1600	0	0	0	0	0
1615	0	0	0	0	0
1630	0	0	0	0	0
1645	0	0	0	0	0
HR/TOT	0	0	0	0	0
1700	0	0	0	0	0
1715	0	0	0	0	0
1730	0	0	0	0	0
1745	0	0	0	0	0
HR/TOT	0	0	0	0	0
1800	0	0	0	0	0
1815	0	0	0	0	0
1830	0	0	0	0	0
1845	0	0	0	0	0
HR/TOT	0	0	0	0	0
1900	0	0	0	0	0
1915	0	0	0	0	0
1930	0	0	0	0	0
1945	0	0	0	0	0
HR/TOT	0	0	0	0	0
2000	0	0	0	0	0
2015	0	0	0	0	0
2030	0	0	0	0	0
2045	0	0	0	0	0
HR/TOT	0	0	0	0	0
2100	0	0	0	0	0
2115	0	0	0	0	0
2130	0	0	0	0	0
2145	0	0	0	0	0
HR/TOT	0	0	0	0	0
2200	0	0	0	0	0
2215	0	0	0	0	0
2230	0	0	0	0	0
2245	0	0	0	0	0
HR/TOT	0	0	0	0	0
2300	0	0	0	0	0
2315	0	0	0	0	0
2330	0	0	0	0	0
2345	0	0	0	0	0
HR/TOT	0	0	0	0	0
07-19	0	7	0	0	7
00-00	0	7	0	0	7

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC187

SOUTHBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
0000	0	0	0	0	0
0015	0	0	0	0	0
0030	0	0	0	0	0
0045	0	0	0	0	0
HR/TOT	0	0	0	0	0
0100	0	0	0	0	0
0115	0	0	0	0	0
0130	0	0	0	0	0
0145	0	0	0	0	0
HR/TOT	0	0	0	0	0
0200	0	0	0	0	0
0215	0	0	0	0	0
0230	0	0	0	0	0
0245	0	0	0	0	0
HR/TOT	0	0	0	0	0
0300	0	0	0	0	0
0315	0	0	0	0	0
0330	0	0	0	0	0
0345	0	0	0	0	0
HR/TOT	0	0	0	0	0
0400	0	0	0	0	0
0415	0	0	0	0	0
0430	0	0	0	0	0
0445	0	0	0	0	0
HR/TOT	0	0	0	0	0
0500	0	0	0	0	0
0515	0	0	0	0	0
0530	0	0	0	0	0
0545	0	0	0	0	0
HR/TOT	0	0	0	0	0
0600	0	0	0	0	0
0615	0	0	0	0	0
0630	0	0	0	0	0
0645	0	0	0	0	0
HR/TOT	0	0	0	0	0
0700	0	0	0	0	0
0715	0	0	0	0	0
0730	0	0	0	0	0
0745	0	0	0	0	0
HR/TOT	0	0	0	0	0
0800	0	1	0	0	0
0815	0	0	0	0	0
0830	0	1	0	0	0
0845	0	0	0	0	0
HR/TOT	0	2	0	0	0
0900	0	0	0	0	0
0915	0	0	0	0	0
0930	0	0	0	0	0
0945	0	0	0	0	0
HR/TOT	0	0	0	0	0
1000	0	0	0	0	0
1015	0	1	0	0	1
1030	0	0	0	0	0
1045	0	0	0	0	0
HR/TOT	0	1	0	0	1
1100	0	0	0	0	0
1115	0	0	0	0	0
1130	0	0	0	0	0
1145	0	0	0	0	0
HR/TOT	0	0	0	0	0

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC187

SOUTHBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
1200	0	0	0	0	0
1215	0	0	0	0	0
1230	0	0	0	0	0
1245	0	0	0	0	0
HR/TOT	0	0	0	0	0
1300	0	0	0	0	0
1315	0	0	0	0	0
1330	0	0	0	0	0
1345	0	0	0	0	0
HR/TOT	0	0	0	0	0
1400	0	0	0	0	0
1415	0	0	0	0	0
1430	0	0	0	0	0
1445	0	0	0	0	0
HR/TOT	0	0	0	0	0
1500	0	1	0	0	1
1515	2	0	0	0	2
1530	0	1	0	0	1
1545	0	0	0	0	0
HR/TOT	2	2	0	0	4
1600	0	0	0	0	0
1615	0	0	0	0	0
1630	0	0	0	0	0
1645	0	0	0	0	0
HR/TOT	0	0	0	0	0
1700	0	0	0	0	0
1715	0	1	0	0	1
1730	0	0	0	0	0
1745	0	0	0	0	0
HR/TOT	0	1	0	0	1
1800	0	0	0	0	0
1815	0	0	0	0	0
1830	0	0	0	0	0
1845	0	0	0	0	0
HR/TOT	0	0	0	0	0
1900	0	0	0	0	0
1915	0	0	0	0	0
1930	0	0	0	0	0
1945	0	0	0	0	0
HR/TOT	0	0	0	0	0
2000	0	0	0	0	0
2015	0	0	0	0	0
2030	0	0	0	0	0
2045	0	0	0	0	0
HR/TOT	0	0	0	0	0
2100	0	0	0	0	0
2115	0	0	0	0	0
2130	0	0	0	0	0
2145	0	0	0	0	0
HR/TOT	0	0	0	0	0
2200	0	0	0	0	0
2215	0	0	0	0	0
2230	0	0	0	0	0
2245	0	0	0	0	0
HR/TOT	0	0	0	0	0
2300	0	0	0	0	0
2315	0	0	0	0	0
2330	0	0	0	0	0
2345	0	0	0	0	0
HR/TOT	0	0	0	0	0
07-19	2	6	0	0	8
00-00	2	6	0	0	8

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Automatic Traffic Counts
Site XC187

09 June 2011
Ath/11/040

Northbound

Profile:

Filter time: 00:00 09 June 2011 => 23:59 09 June 2011

Speed range: 0 - 200 km/h.

Separation: Greater than 4.00 seconds. - (Headway)

Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)

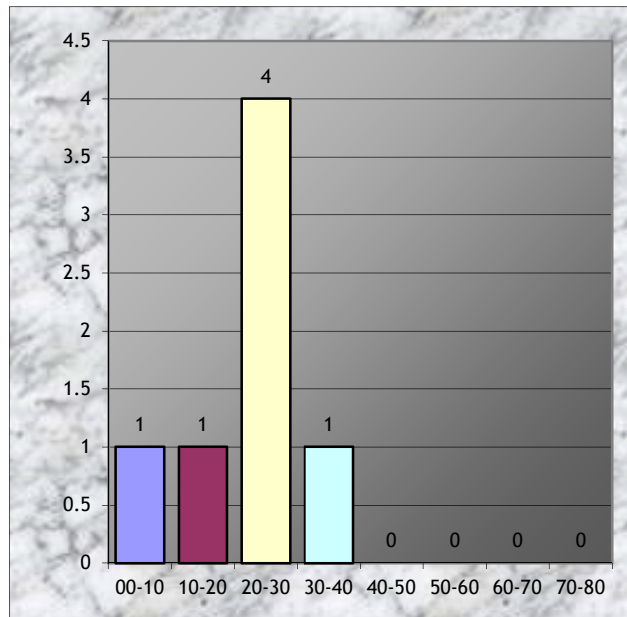
In profile: Vehicles = 7 / 15 (46.67%)

Vehicles = 7

Maximum = 30.6 km/h, Minimum = 8.2 km/h, Mean = 22.0 km/h

Speed Bins:

Speed KPH	Bin	
	No.	%
00-10	1	14.3
10-20	1	14.3
20-30	4	57.1
30-40	1	14.3
40-50	0	0
50-60	0	0
60-70	0	0
70-80	0	0
80-90	0	0
90-100	0	0
100-110	0	0



ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Automatic Traffic Counts
Site XC187

09 June 2011
Ath/11/040

Southbound

Profile:

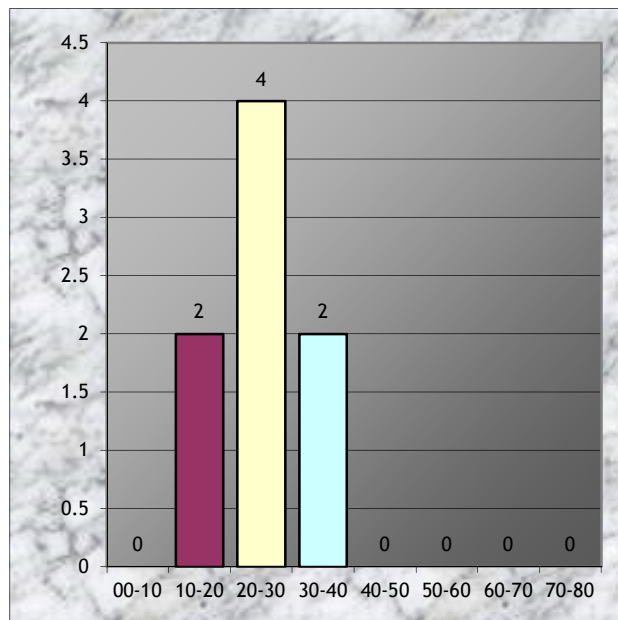
Filter time: 00:00 09 June 2011 => 23:59 09 June 2011
Speed range: 0 - 200 km/h.
Separation: Greater than 4.00 seconds. - (Headway)
Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)
In profile: Vehicles = 8 / 15 (53.33%)

Vehicles = 8

Maximum = 35.8 km/h, Minimum = 11.5 km/h, Mean = 24.3 km/h

Speed Bins:

Speed	Bin	
	No.	%
KPH		
00-10	0	0
10-20	2	25
20-30	4	50
30-40	2	25
40-50	0	0
50-60	0	0
60-70	0	0
70-80	0	0
80-90	0	0
90-100	0	0
100-110	0	0



ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC201

NORTHBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
0000	0	0	0	0	0
0015	0	0	0	0	0
0030	0	0	0	0	0
0045	0	0	0	0	0
HR/TOT	0	0	0	0	0
0100	0	1	0	0	1
0115	0	0	0	0	0
0130	0	0	0	0	0
0145	0	0	0	0	0
HR/TOT	0	1	0	0	1
0200	0	0	0	0	0
0215	0	0	0	0	0
0230	0	0	0	0	0
0245	0	0	0	0	0
HR/TOT	0	0	0	0	0
0300	0	0	0	0	0
0315	0	0	0	0	0
0330	0	0	0	0	0
0345	0	0	0	0	0
HR/TOT	0	0	0	0	0
0400	0	0	0	0	0
0415	0	0	0	0	0
0430	0	0	0	0	0
0445	0	0	0	0	0
HR/TOT	0	0	0	0	0
0500	0	0	0	0	0
0515	0	0	0	0	0
0530	0	0	0	0	0
0545	0	1	0	0	1
HR/TOT	0	1	0	0	1
0600	0	0	0	0	0
0615	0	0	0	0	0
0630	0	0	0	0	0
0645	0	0	0	0	0
HR/TOT	0	0	0	0	0
0700	0	0	0	0	0
0715	0	0	0	0	0
0730	0	1	0	0	1
0745	0	0	0	0	0
HR/TOT	0	1	0	0	1
0800	0	0	0	0	0
0815	0	0	0	0	0
0830	0	0	0	0	0
0845	0	0	0	0	0
HR/TOT	0	0	0	0	0
0900	0	0	0	0	0
0915	0	1	0	0	1
0930	0	0	0	0	0
0945	0	0	0	0	0
HR/TOT	0	1	0	0	1
1000	0	0	0	0	0
1015	0	0	0	0	0
1030	0	0	0	0	0
1045	0	1	0	0	1
HR/TOT	0	1	0	0	1
1100	0	0	0	0	0
1115	0	0	0	0	0
1130	0	0	0	0	0
1145	0	0	0	0	0
HR/TOT	0	0	0	0	0

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC201

NORTHBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
1200	1	1	0	0	2
1215	0	0	0	0	0
1230	0	0	0	0	0
1245	0	1	0	0	1
HR/TOT	1	2	0	0	3
1300	0	0	0	0	0
1315	0	2	0	0	2
1330	0	0	0	0	0
1345	0	0	0	0	0
HR/TOT	0	2	0	0	2
1400	0	0	0	0	0
1415	0	0	0	0	0
1430	0	0	0	0	0
1445	0	0	0	0	0
HR/TOT	0	0	0	0	0
1500	0	0	0	0	0
1515	0	0	0	0	0
1530	0	0	0	0	0
1545	0	0	0	0	0
HR/TOT	0	0	0	0	0
1600	0	0	0	0	0
1615	0	0	0	0	0
1630	0	0	0	0	0
1645	0	0	0	0	0
HR/TOT	0	0	0	0	0
1700	0	0	0	0	0
1715	0	1	0	0	1
1730	0	1	0	0	1
1745	0	0	0	0	0
HR/TOT	0	2	0	0	2
1800	0	1	0	0	1
1815	0	0	0	0	0
1830	0	0	0	0	0
1845	0	0	0	0	0
HR/TOT	0	1	0	0	1
1900	0	0	0	0	0
1915	0	0	0	0	0
1930	0	1	0	0	1
1945	0	1	0	0	1
HR/TOT	0	2	0	0	2
2000	0	0	0	0	0
2015	0	1	0	0	1
2030	0	0	0	0	0
2045	0	0	0	0	0
HR/TOT	0	1	0	0	1
2100	0	0	0	0	0
2115	0	0	0	0	0
2130	0	0	0	0	0
2145	0	0	0	0	0
HR/TOT	0	0	0	0	0
2200	0	1	0	0	1
2215	0	0	0	0	0
2230	0	0	0	0	0
2245	0	0	0	0	0
HR/TOT	0	1	0	0	1
2300	0	0	0	0	0
2315	0	0	0	0	0
2330	0	0	0	0	0
2345	0	0	0	0	0
HR/TOT	0	0	0	0	0
07-19	1	10	0	0	11
00-00	1	16	0	0	17

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC201

SOUTHBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
0000	0	0	0	0	0
0015	0	0	0	0	0
0030	0	0	0	0	0
0045	0	0	0	0	0
HR/TOT	0	0	0	0	0
0100	0	1	0	0	1
0115	0	0	0	0	0
0130	0	0	0	0	0
0145	0	0	0	0	0
HR/TOT	0	1	0	0	1
0200	0	0	0	0	0
0215	0	0	0	0	0
0230	0	0	0	0	0
0245	0	0	0	0	0
HR/TOT	0	0	0	0	0
0300	0	0	0	0	0
0315	0	0	0	0	0
0330	0	0	0	0	0
0345	0	0	0	0	0
HR/TOT	0	0	0	0	0
0400	0	0	0	0	0
0415	0	0	0	0	0
0430	0	0	0	0	0
0445	0	0	0	0	0
HR/TOT	0	0	0	0	0
0500	0	0	0	0	0
0515	0	0	0	0	0
0530	0	0	0	0	0
0545	0	1	0	0	1
HR/TOT	0	1	0	0	1
0600	0	0	0	0	0
0615	0	0	0	0	0
0630	0	0	0	0	0
0645	0	0	0	0	0
HR/TOT	0	0	0	0	0
0700	0	0	0	0	0
0715	0	0	0	0	0
0730	0	1	0	0	1
0745	0	0	0	0	0
HR/TOT	0	1	0	0	1
0800	0	0	0	0	0
0815	0	0	0	0	0
0830	0	0	0	0	0
0845	0	0	0	0	0
HR/TOT	0	0	0	0	0
0900	0	1	0	0	1
0915	0	0	0	0	0
0930	0	0	0	0	0
0945	0	0	0	0	0
HR/TOT	0	1	0	0	1
1000	0	0	0	0	0
1015	0	1	0	0	1
1030	0	0	0	0	0
1045	0	1	0	0	1
HR/TOT	0	2	0	0	2
1100	0	0	0	0	0
1115	0	0	0	0	0
1130	0	0	0	0	0
1145	0	0	0	0	0
HR/TOT	0	0	0	0	0

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC201

SOUTHBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
1200	0	0	0	0	0
1215	0	0	0	0	0
1230	0	0	0	0	0
1245	0	0	0	0	0
HR/TOT	0	0	0	0	0
1300	0	1	0	0	1
1315	0	1	0	0	1
1330	0	1	0	0	1
1345	0	0	0	0	0
HR/TOT	0	3	0	0	3
1400	0	0	0	0	0
1415	0	0	0	0	0
1430	0	0	0	0	0
1445	0	0	0	0	0
HR/TOT	0	0	0	0	0
1500	0	0	0	0	0
1515	0	0	0	0	0
1530	0	0	0	0	0
1545	0	0	0	0	0
HR/TOT	0	0	0	0	0
1600	0	0	0	0	0
1615	0	0	0	0	0
1630	0	0	0	0	0
1645	0	0	0	0	0
HR/TOT	0	0	0	0	0
1700	0	0	0	0	0
1715	0	1	0	0	1
1730	0	2	0	0	2
1745	0	0	0	0	0
HR/TOT	0	3	0	0	3
1800	0	0	0	0	0
1815	0	0	0	0	0
1830	0	0	0	0	0
1845	0	0	0	0	0
HR/TOT	0	0	0	0	0
1900	0	0	0	0	0
1915	0	0	0	0	0
1930	0	1	0	0	1
1945	0	0	0	0	0
HR/TOT	0	1	0	0	1
2000	0	0	0	0	0
2015	0	1	0	0	1
2030	0	0	0	0	0
2045	0	0	0	0	0
HR/TOT	0	1	0	0	1
2100	0	0	0	0	0
2115	0	0	0	0	0
2130	0	0	0	0	0
2145	0	0	0	0	0
HR/TOT	0	0	0	0	0
2200	0	0	0	0	0
2215	0	0	0	0	0
2230	0	0	0	0	0
2245	0	0	0	0	0
HR/TOT	0	0	0	0	0
2300	0	0	0	0	0
2315	0	0	0	0	0
2330	0	0	0	0	0
2345	0	0	0	0	0
HR/TOT	0	0	0	0	0
07-19	0	10	0	0	10
00-00	0	14	0	0	14

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Automatic Traffic Counts
Site XC201

09 June 2011
Ath/11/040

Northbound

Profile:

Filter time: 00:00 09 June 2011 => 23:59 09 June 2011

Speed range: 0 - 200 km/h.

Separation: Greater than 4.00 seconds. - (Headway)

Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)

In profile: Vehicles = 16 / 31

Vehicles = 16

Maximum = 31.2 km/h, Minimum = 7.7 km/h, Mean = 17.7 km/h

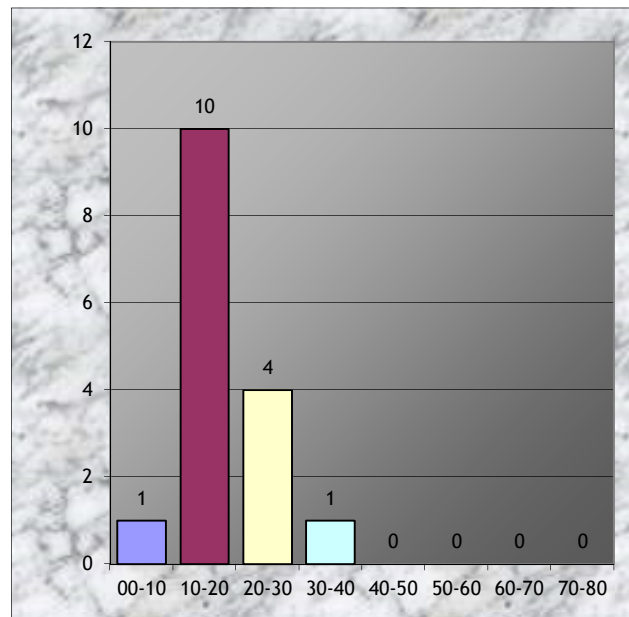
85% Speed = 25.6 km/h, 95% Speed = 27.4 km/h, Median = 16.6 km/h

20 km/h Pace = 8 - 28, Number in Pace = 15 (93.75%)

Variance = 43.42, Standard Deviation = 6.59 km/h

Speed Bins:

Speed	Bin	
	No.	%
KPH		
00-10	1	6.3
10-20	10	62.5
20-30	4	25
30-40	1	6.3
40-50	0	0
50-60	0	0
60-70	0	0
70-80	0	0
80-90	0	0
90-100	0	0
100-110	0	0



ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Automatic Traffic Counts
Site XC201

09 June 2011
Ath/11/040

Southbound

Profile:

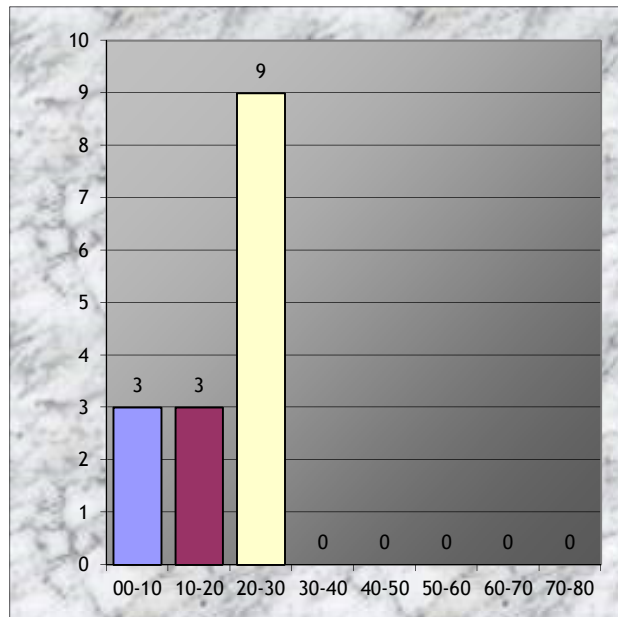
Filter time: 00:00 09 June 2011 => 23:59 09 June 2011
Speed range: 0 - 200 km/h.
Separation: Greater than 4.00 seconds. - (Headway)
Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)
In profile: Vehicles = 15 / 31

Vehicles = 15

Maximum = 26.9 km/h, Minimum = 3.9 km/h, Mean = 18.2 km/h
85% Speed = 23.0 km/h, 95% Speed = 25.2 km/h, Median = 21.2 km/h
20 km/h Pace = 7 - 27, Number in Pace = 14 (93.33%)
Variance = 47.16, Standard Deviation = 6.87 km/h

Speed Bins:

Speed KPH	Bin	
	No.	%
00-10	3	20
10-20	3	20
20-30	9	60
30-40	0	0
40-50	0	0
50-60	0	0
60-70	0	0
70-80	0	0
80-90	0	0
90-100	0	0
100-110	0	0



ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC209

EASTBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
0000	0	1	0	0	1
0015	0	0	0	0	0
0030	0	0	0	0	0
0045	0	0	0	0	0
HR/TOT	0	1	0	0	1
0100	0	0	0	0	0
0115	0	0	0	0	0
0130	0	0	0	0	0
0145	0	0	0	0	0
HR/TOT	0	0	0	0	0
0200	0	0	0	0	0
0215	0	0	0	0	0
0230	0	0	0	0	0
0245	0	0	0	0	0
HR/TOT	0	0	0	0	0
0300	0	0	0	0	0
0315	0	0	0	0	0
0330	0	0	0	0	0
0345	0	1	0	0	1
HR/TOT	0	1	0	0	1
0400	0	0	0	0	0
0415	0	0	0	0	0
0430	0	0	0	0	0
0445	0	0	0	0	0
HR/TOT	0	0	0	0	0
0500	0	0	0	0	0
0515	0	0	0	0	0
0530	0	0	0	0	0
0545	0	0	0	0	0
HR/TOT	0	0	0	0	0
0600	0	0	0	0	0
0615	0	0	0	0	0
0630	0	0	0	0	0
0645	0	0	0	0	0
HR/TOT	0	0	0	0	0
0700	0	0	0	0	0
0715	0	0	0	0	0
0730	0	1	0	0	1
0745	0	2	0	0	2
HR/TOT	0	3	0	0	3
0800	0	1	0	0	1
0815	0	3	0	0	3
0830	0	0	0	0	0
0845	0	2	0	0	2
HR/TOT	0	6	0	0	6
0900	0	4	0	0	4
0915	0	3	0	0	3
0930	0	2	0	0	2
0945	0	1	1	0	2
HR/TOT	0	10	1	0	11
1000	0	2	0	0	2
1015	0	0	0	0	0
1030	0	2	1	0	3
1045	0	2	0	0	2
HR/TOT	0	6	1	0	7
1100	0	1	0	0	1
1115	0	2	0	0	2
1130	0	7	0	0	7
1145	0	3	1	0	4
HR/TOT	0	13	1	0	14

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC209

EASTBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
1200	0	3	0	0	3
1215	0	2	0	0	2
1230	0	0	1	0	1
1245	0	2	0	0	2
HR/TOT	0	7	1	0	8
1300	0	5	0	0	5
1315	0	0	0	0	0
1330	0	1	0	0	1
1345	0	1	0	0	1
HR/TOT	0	7	0	0	7
1400	0	2	0	0	2
1415	0	5	0	0	5
1430	0	4	1	0	5
1445	0	3	0	0	3
HR/TOT	0	14	1	0	15
1500	0	6	1	0	7
1515	0	3	0	0	3
1530	0	6	0	0	6
1545	0	1	0	0	1
HR/TOT	0	16	1	0	17
1600	0	3	0	0	3
1615	0	5	2	0	7
1630	0	3	0	0	3
1645	0	5	0	0	5
HR/TOT	0	16	2	0	18
1700	0	3	0	0	3
1715	0	2	0	0	2
1730	0	8	1	0	9
1745	0	6	0	0	6
HR/TOT	0	19	1	0	20
1800	0	1	0	0	1
1815	1	4	0	0	5
1830	0	1	0	0	1
1845	0	3	0	0	3
HR/TOT	1	9	0	0	10
1900	0	0	0	0	0
1915	0	2	0	0	2
1930	0	0	0	0	0
1945	0	4	0	0	4
HR/TOT	0	6	0	0	6
2000	0	2	0	0	2
2015	0	1	0	0	1
2030	0	1	1	0	2
2045	0	2	0	0	2
HR/TOT	0	6	1	0	7
2100	0	5	0	0	5
2115	0	5	0	0	5
2130	0	0	0	0	0
2145	0	1	0	0	1
HR/TOT	0	11	0	0	11
2200	0	2	0	0	2
2215	0	0	0	0	0
2230	0	1	0	0	1
2245	0	2	0	0	2
HR/TOT	0	5	0	0	5
2300	0	1	0	0	1
2315	0	2	0	0	2
2330	0	1	0	0	1
2345	0	0	0	0	0
HR/TOT	0	4	0	0	4
07-19	1	126	9	0	136
00-00	1	160	10	0	171

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC209

WESTBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
0000	0	0	0	0	0
0015	0	1	0	0	1
0030	0	0	0	0	0
0045	0	0	0	0	0
HR/TOT	0	1	0	0	1
0100	0	0	0	0	0
0115	0	0	0	0	0
0130	0	0	0	0	0
0145	0	0	0	0	0
HR/TOT	0	0	0	0	0
0200	0	0	0	0	0
0215	0	0	0	0	0
0230	0	0	0	0	0
0245	0	0	0	0	0
HR/TOT	0	0	0	0	0
0300	0	0	0	0	0
0315	0	0	0	0	0
0330	0	0	0	0	0
0345	0	0	0	0	0
HR/TOT	0	0	0	0	0
0400	0	1	0	0	1
0415	0	0	0	0	0
0430	0	0	0	0	0
0445	0	0	0	0	0
HR/TOT	0	1	0	0	1
0500	0	0	0	0	0
0515	0	0	0	0	0
0530	0	0	0	0	0
0545	0	0	0	0	0
HR/TOT	0	0	0	0	0
0600	0	0	0	0	0
0615	0	0	0	0	0
0630	0	0	0	0	0
0645	0	0	0	0	0
HR/TOT	0	0	0	0	0
0700	0	0	0	0	0
0715	0	0	0	0	0
0730	0	0	0	0	0
0745	0	3	0	0	3
HR/TOT	0	3	0	0	3
0800	0	1	1	0	2
0815	0	4	0	0	4
0830	0	1	0	0	1
0845	0	7	1	0	8
HR/TOT	0	13	2	0	15
0900	0	4	0	0	4
0915	0	3	0	0	3
0930	0	4	0	0	4
0945	0	2	0	0	2
HR/TOT	0	13	0	0	13
1000	0	2	0	0	2
1015	0	0	3	0	3
1030	0	0	0	0	0
1045	0	3	0	0	3
HR/TOT	0	5	3	0	8
1100	0	1	0	0	1
1115	0	3	0	0	3
1130	0	3	1	0	4
1145	0	3	0	0	3
HR/TOT	0	10	1	0	11

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC209

WESTBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
1200	0	0	0	0	0
1215	0	3	0	0	3
1230	0	5	1	0	6
1245	0	2	0	0	2
HR/TOT	0	10	1	0	11
1300	0	2	0	0	2
1315	0	1	1	0	2
1330	0	1	0	0	1
1345	0	5	1	0	6
HR/TOT	0	9	2	0	11
1400	0	3	0	0	3
1415	0	3	0	0	3
1430	0	3	2	0	5
1445	0	2	0	0	2
HR/TOT	0	11	2	0	13
1500	0	6	0	0	6
1515	0	0	0	0	0
1530	0	4	0	0	4
1545	0	2	0	0	2
HR/TOT	0	12	0	0	12
1600	0	3	0	0	3
1615	0	4	1	0	5
1630	0	2	0	0	2
1645	0	1	0	0	1
HR/TOT	0	10	1	0	11
1700	0	3	0	0	3
1715	0	5	0	0	5
1730	0	1	1	0	2
1745	0	0	0	0	0
HR/TOT	0	9	1	0	10
1800	0	1	0	0	1
1815	0	5	0	0	5
1830	0	1	0	0	1
1845	1	1	0	0	2
HR/TOT	1	8	0	0	9
1900	0	3	0	0	3
1915	0	2	0	0	2
1930	0	2	0	0	2
1945	0	2	0	0	2
HR/TOT	0	9	0	0	9
2000	0	0	0	0	0
2015	0	0	0	0	0
2030	0	0	0	0	0
2045	0	2	0	0	2
HR/TOT	0	2	0	0	2
2100	0	1	1	0	2
2115	0	4	0	0	4
2130	0	3	0	0	3
2145	0	1	0	0	1
HR/TOT	0	9	1	0	10
2200	0	2	0	0	2
2215	0	0	0	0	0
2230	0	1	0	0	1
2245	0	0	0	0	0
HR/TOT	0	3	0	0	3
2300	0	1	0	0	1
2315	0	1	0	0	1
2330	0	1	0	0	1
2345	0	0	0	0	0
HR/TOT	0	3	0	0	3
07-19	1	113	13	0	127
00-00	1	141	14	0	156

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Automatic Traffic Counts
Site XC209

09 June 2011
Ath/11/040

Eastbound

Profile:

Filter time: 00:00 09 June 2011 => 23:59 09 June 2011

Speed range: 0 - 200 km/h.

Separation: Greater than 4.00 seconds. - (Headway)

Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)

In profile: Vehicles = 156 / 327

Vehicles = 156

Maximum = 62.1 km/h, Minimum = 0.0 km/h, Mean = 40.7 km/h

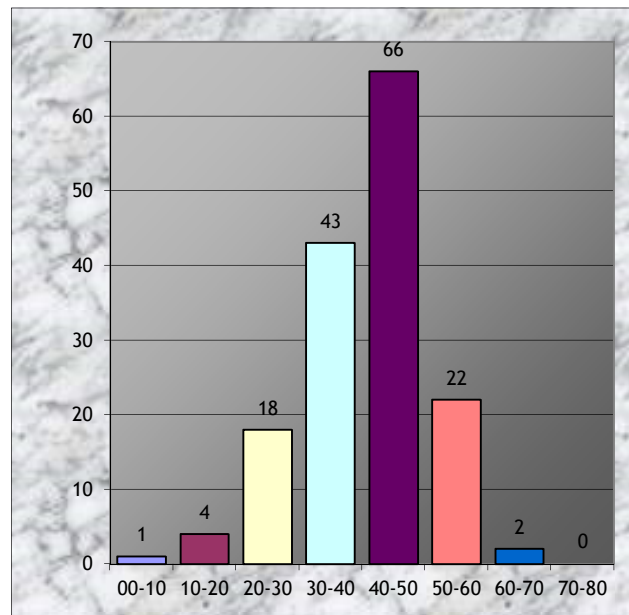
85% Speed = 50.0 km/h, 95% Speed = 52.9 km/h, Median = 41.8 km/h

20 km/h Pace = 33 - 53, Number in Pace = 119 (76.28%)

Variance = 97.17, Standard Deviation = 9.86 km/h

Speed Bins:

Speed	Bin	
	No.	%
KPH		
00-10	1	0.6
10-20	4	2.6
20-30	18	11.5
30-40	43	27.6
40-50	66	42.3
50-60	22	14.1
60-70	2	1.3
70-80	0	0
80-90	0	0
90-100	0	0
100-110	0	0



ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Automatic Traffic Counts
Site XC209

09 June 2011
Ath/11/040

Westbound

Profile:

Filter time: 00:00 09 June 2011 => 23:59 09 June 2011
Speed range: 0 - 200 km/h.
Separation: Greater than 4.00 seconds. - (Headway)
Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)
In profile: Vehicles = 141 / 327

Vehicles = 141

Maximum = 62.4 km/h, Minimum = 15.0 km/h, Mean = 40.0 km/h

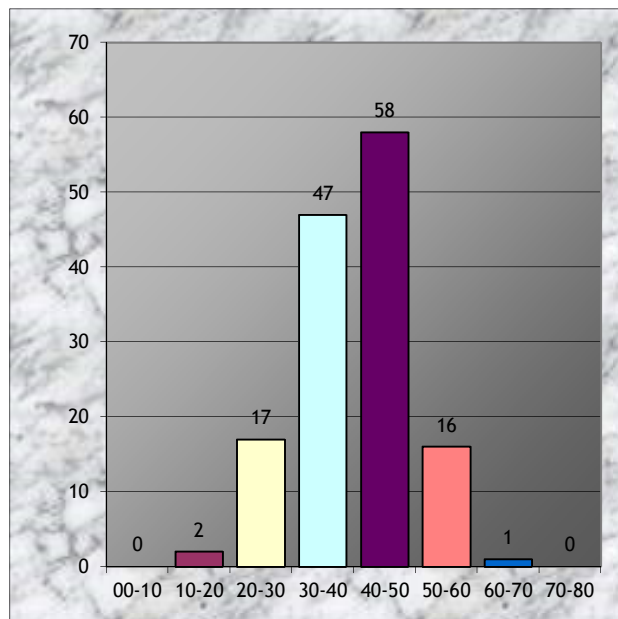
85% Speed = 48.2 km/h, 95% Speed = 52.9 km/h, Median = 40.7 km/h

20 km/h Pace = 28 - 48, Number in Pace = 106 (75.18%)

Variance = 78.32, Standard Deviation = 8.85 km/h

Speed Bins:

Speed KPH	Bin	
	No.	%
00-10	0	0
10-20	2	1.4
20-30	17	12.1
30-40	47	33.3
40-50	58	41.1
50-60	16	11.3
60-70	1	0.7
70-80	0	0
80-90	0	0
90-100	0	0
100-110	0	0



ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC215

EASTBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
0000	0	0	0	0	0
0015	0	1	0	0	1
0030	0	0	0	0	0
0045	0	2	0	0	2
HR/TOT	0	3	0	0	3
0100	0	1	0	0	1
0115	0	0	0	0	0
0130	0	1	0	0	1
0145	0	0	0	0	0
HR/TOT	0	2	0	0	2
0200	0	0	0	0	0
0215	0	0	0	0	0
0230	0	0	1	0	1
0245	0	1	1	0	2
HR/TOT	0	1	2	0	3
0300	0	0	0	0	0
0315	0	0	0	0	0
0330	0	0	0	0	0
0345	0	0	0	0	0
HR/TOT	0	0	0	0	0
0400	0	0	0	0	0
0415	0	0	0	0	0
0430	0	0	0	0	0
0445	0	0	0	0	0
HR/TOT	0	0	0	0	0
0500	0	1	0	0	1
0515	0	1	0	0	1
0530	0	0	0	0	0
0545	0	1	0	0	1
HR/TOT	0	3	0	0	3
0600	0	0	0	0	0
0615	0	2	0	0	2
0630	0	4	0	0	4
0645	0	3	0	0	3
HR/TOT	0	9	0	0	9
0700	0	3	0	0	3
0715	0	9	0	0	9
0730	0	7	0	0	7
0745	0	10	0	0	10
HR/TOT	0	29	0	0	29
0800	0	12	0	0	12
0815	0	12	0	0	12
0830	0	14	0	0	14
0845	0	19	0	0	19
HR/TOT	0	57	0	0	57
0900	0	11	1	0	12
0915	0	14	0	0	14
0930	0	9	0	0	9
0945	0	6	0	0	6
HR/TOT	0	40	1	0	41
1000	0	6	0	0	6
1015	0	7	2	0	9
1030	0	3	0	0	3
1045	0	5	1	0	6
HR/TOT	0	21	3	0	24
1100	0	6	0	0	6
1115	0	9	0	0	9
1130	1	10	1	0	12
1145	0	8	0	0	8
HR/TOT	1	33	1	0	35

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC215

EASTBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
1200	0	6	1	0	7
1215	0	7	0	0	7
1230	0	7	1	0	8
1245	0	8	0	0	8
HR/TOT	0	28	2	0	30
1300	0	5	1	0	6
1315	0	8	0	0	8
1330	0	7	0	0	7
1345	0	2	0	0	2
HR/TOT	0	22	1	0	23
1400	0	5	0	0	5
1415	0	4	1	0	5
1430	1	10	1	0	12
1445	1	12	2	0	15
HR/TOT	2	31	4	0	37
1500	0	10	0	0	10
1515	1	11	2	0	14
1530	0	12	1	0	13
1545	0	3	1	0	4
HR/TOT	1	36	4	0	41
1600	1	7	1	0	9
1615	1	3	3	0	7
1630	1	5	1	0	7
1645	0	9	2	0	11
HR/TOT	3	24	7	0	34
1700	0	8	0	0	8
1715	1	9	0	0	10
1730	0	8	0	0	8
1745	1	12	1	0	14
HR/TOT	2	37	1	0	40
1800	0	11	1	0	12
1815	0	10	0	0	10
1830	0	5	1	0	6
1845	0	7	0	0	7
HR/TOT	0	33	2	0	35
1900	0	4	0	0	4
1915	0	4	0	0	4
1930	1	9	1	0	11
1945	0	5	0	0	5
HR/TOT	1	22	1	0	24
2000	1	6	0	0	7
2015	0	3	1	0	4
2030	0	7	0	0	7
2045	0	7	0	0	7
HR/TOT	1	23	1	0	25
2100	0	3	1	0	4
2115	0	3	1	0	4
2130	1	2	0	0	3
2145	0	2	0	0	2
HR/TOT	1	10	2	0	13
2200	0	3	0	0	3
2215	0	0	0	0	0
2230	0	7	0	0	7
2245	0	1	0	0	1
HR/TOT	0	11	0	0	11
2300	0	0	0	0	0
2315	0	2	0	0	2
2330	0	0	0	0	0
2345	0	1	0	0	1
HR/TOT	0	3	0	0	3
07-19	9	391	26	0	426
00-00	12	478	32	0	522

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC215

WESTBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
0000	0	1	0	0	1
0015	0	2	0	0	2
0030	0	4	0	0	4
0045	0	2	0	0	2
HR/TOT	0	9	0	0	9
0100	0	0	0	0	0
0115	0	2	1	0	3
0130	0	1	0	0	1
0145	0	0	0	0	0
HR/TOT	0	3	1	0	4
0200	0	0	0	0	0
0215	0	0	0	0	0
0230	0	0	0	0	0
0245	0	0	0	0	0
HR/TOT	0	0	0	0	0
0300	0	0	0	0	0
0315	0	0	0	0	0
0330	0	0	0	0	0
0345	0	0	0	0	0
HR/TOT	0	0	0	0	0
0400	0	0	0	0	0
0415	0	0	0	0	0
0430	0	0	0	0	0
0445	0	0	0	0	0
HR/TOT	0	0	0	0	0
0500	0	0	0	0	0
0515	0	0	0	0	0
0530	0	0	0	0	0
0545	0	0	0	0	0
HR/TOT	0	0	0	0	0
0600	0	0	0	0	0
0615	0	0	0	0	0
0630	0	0	0	0	0
0645	0	0	0	0	0
HR/TOT	0	0	0	0	0
0700	0	1	0	0	1
0715	0	0	0	0	0
0730	0	0	0	0	0
0745	0	2	0	0	2
HR/TOT	0	3	0	0	3
0800	0	1	0	0	1
0815	0	6	0	0	6
0830	0	4	0	0	4
0845	0	4	1	0	5
HR/TOT	0	15	1	0	16
0900	0	9	0	0	9
0915	1	8	0	0	9
0930	0	8	2	0	10
0945	0	4	0	0	4
HR/TOT	1	29	2	0	32
1000	0	3	0	0	3
1015	1	7	1	0	9
1030	0	9	2	0	11
1045	0	9	0	0	9
HR/TOT	1	28	3	0	32
1100	0	2	0	0	2
1115	1	10	0	0	11
1130	0	6	0	0	6
1145	0	10	0	0	10
HR/TOT	1	28	0	0	29

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC215

WESTBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
1200	0	7	0	0	7
1215	0	7	0	0	7
1230	0	10	1	0	11
1245	0	9	1	0	10
HR/TOT	0	33	2	0	35
1300	0	4	0	0	4
1315	0	14	0	0	14
1330	0	5	0	0	5
1345	0	4	0	0	4
HR/TOT	0	27	0	0	27
1400	0	6	0	0	6
1415	0	7	0	0	7
1430	0	9	0	0	9
1445	0	11	0	0	11
HR/TOT	0	33	0	0	33
1500	0	5	1	0	6
1515	0	8	1	1	10
1530	1	19	2	0	22
1545	0	11	1	0	12
HR/TOT	1	43	5	1	50
1600	0	9	0	0	9
1615	1	9	0	0	10
1630	0	15	0	0	15
1645	0	14	1	0	15
HR/TOT	1	47	1	0	49
1700	1	8	1	0	10
1715	0	12	1	0	13
1730	0	9	0	0	9
1745	0	10	0	0	10
HR/TOT	1	39	2	0	42
1800	0	21	0	0	21
1815	1	16	1	0	18
1830	0	7	0	0	7
1845	0	7	2	0	9
HR/TOT	1	51	3	0	55
1900	0	2	0	0	2
1915	0	9	0	0	9
1930	0	10	0	0	10
1945	0	7	0	0	7
HR/TOT	0	28	0	0	28
2000	0	6	0	0	6
2015	0	6	0	0	6
2030	0	8	0	0	8
2045	0	11	0	0	11
HR/TOT	0	31	0	0	31
2100	0	6	0	0	6
2115	0	7	0	0	7
2130	0	7	0	0	7
2145	0	7	0	0	7
HR/TOT	0	27	0	0	27
2200	0	3	0	0	3
2215	0	6	0	0	6
2230	0	10	0	0	10
2245	0	4	0	0	4
HR/TOT	0	23	0	0	23
2300	0	3	0	0	3
2315	0	0	0	0	0
2330	0	2	0	0	2
2345	0	1	0	0	1
HR/TOT	0	6	0	0	6
07-19	7	376	19	1	403
00-00	7	503	20	1	531

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Automatic Traffic Counts
Site XC215

09 June 2011
Ath/11/040

Eastbound

Profile:

Filter time: 00:00 09 June 2011 => 23:59 09 June 2011

Speed range: 0 - 200 km/h.

Separation: Greater than 4.00 seconds. - (Headway)

Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)

In profile: Vehicles = 465 / 1053

Vehicles = 465

Maximum = 68.3 km/h, Minimum = 7.9 km/h, Mean = 43.4 km/h

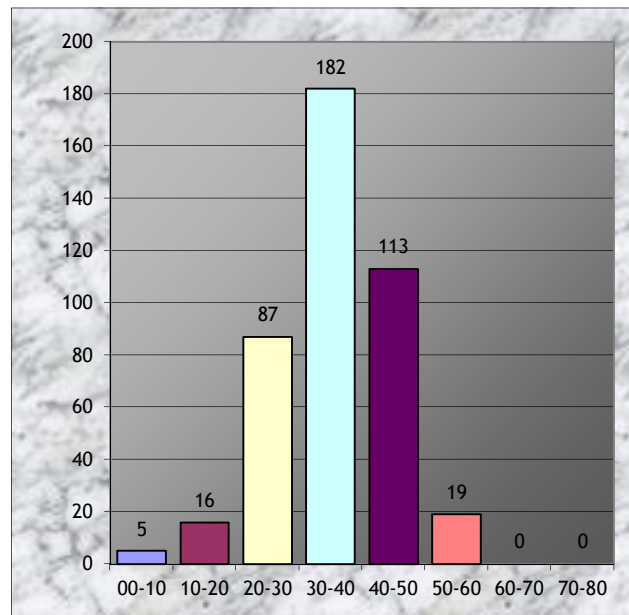
85% Speed = 54.0 km/h, 95% Speed = 59.4 km/h, Median = 45.7 km/h

20 km/h Pace = 36 - 56, Number in Pace = 316 (67.96%)

Variance = 135.51, Standard Deviation = 11.64 km/h

Speed Bins:

Speed	Bin	
	No.	%
KPH		
00-10	5	1.1
10-20	16	3.4
20-30	87	9.2
30-40	182	18.7
40-50	113	39.1
50-60	19	24.3
60-70	0	4.1
70-80	0	0
80-90	0	0
90-100	0	0
100-110	0	0



ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Automatic Traffic Counts
Site XC215

09 June 2011
Ath/11/040

Westbound

Profile:

Filter time: 00:00 09 June 2011 => 23:59 09 June 2011
Speed range: 0 - 200 km/h.
Separation: Greater than 4.00 seconds. - (Headway)
Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)
In profile: Vehicles = 472 / 1053

Vehicles = 472

Maximum = 62.3 km/h, Minimum = 0.9 km/h, Mean = 37.6 km/h

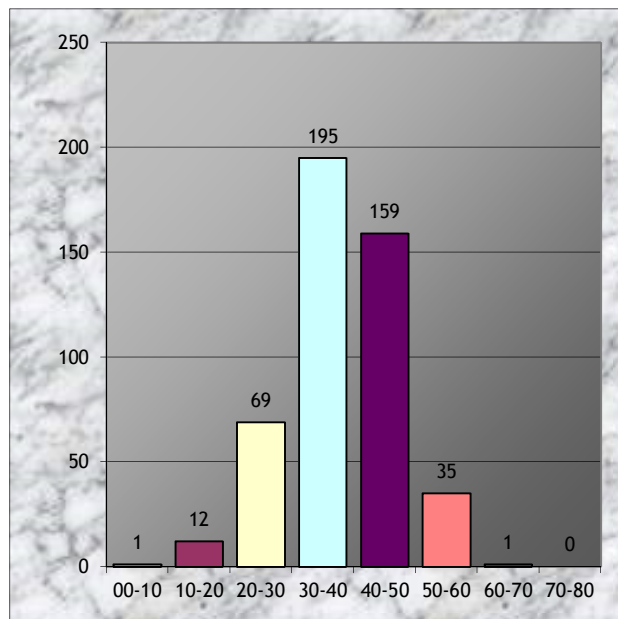
85% Speed = 46.1 km/h, 95% Speed = 51.1 km/h, Median = 37.8 km/h

20 km/h Pace = 28 - 48, Number in Pace = 361 (76.48%)

Variance = 76.89, Standard Deviation = 8.77 km/h

Speed Bins:

Speed	Bin	
	No.	%
KPH		
00-10	1	0.2
10-20	12	2.5
20-30	69	14.6
30-40	195	41.3
40-50	159	33.7
50-60	35	7.4
60-70	1	0.2
70-80	0	0
80-90	0	0
90-100	0	0
100-110	0	0



ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC219

EASTBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
0000	0	1	2	0	3
0015	0	3	2	0	5
0030	0	4	0	0	4
0045	0	0	0	0	0
HR/TOT	0	8	4	0	12
0100	0	1	0	0	1
0115	0	1	0	0	1
0130	0	1	0	0	1
0145	0	1	1	0	2
HR/TOT	0	4	1	0	5
0200	0	0	0	0	0
0215	0	0	0	0	0
0230	0	0	0	0	0
0245	0	0	1	0	1
HR/TOT	0	0	1	0	1
0300	0	0	0	0	0
0315	0	0	0	0	0
0330	0	0	0	0	0
0345	0	0	0	0	0
HR/TOT	0	0	0	0	0
0400	0	0	0	0	0
0415	0	0	0	0	0
0430	0	1	0	0	1
0445	0	0	0	0	0
HR/TOT	0	1	0	0	1
0500	0	0	0	0	0
0515	0	1	1	0	2
0530	0	2	0	0	2
0545	0	0	1	0	1
HR/TOT	0	3	2	0	5
0600	0	5	0	0	5
0615	0	3	0	0	3
0630	0	6	0	0	6
0645	0	11	1	0	12
HR/TOT	0	25	1	0	26
0700	1	11	2	0	14
0715	0	7	1	0	8
0730	0	19	1	0	20
0745	1	19	0	0	20
HR/TOT	2	56	4	0	62
0800	0	20	0	0	20
0815	0	18	0	0	18
0830	0	21	1	0	22
0845	0	23	0	0	23
HR/TOT	0	82	1	0	83
0900	0	23	2	0	25
0915	0	17	1	0	18
0930	1	17	1	0	19
0945	1	11	2	0	14
HR/TOT	2	68	6	0	76
1000	0	19	1	0	20
1015	0	11	2	1	14
1030	0	9	0	1	10
1045	0	13	1	0	14
HR/TOT	0	52	4	2	58
1100	0	14	2	0	16
1115	0	18	1	0	19
1130	0	14	1	0	15
1145	0	17	0	1	18
HR/TOT	0	63	4	1	68

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC219

EASTBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
1200	0	10	1	0	11
1215	0	20	2	0	22
1230	0	17	0	0	17
1245	0	18	2	1	21
HR/TOT	0	65	5	1	71
1300	0	18	1	0	19
1315	0	9	0	0	9
1330	0	13	2	0	15
1345	0	14	2	0	16
HR/TOT	0	54	5	0	59
1400	1	13	0	0	14
1415	0	14	1	1	16
1430	0	25	2	0	27
1445	0	15	0	0	15
HR/TOT	1	67	3	1	72
1500	0	13	0	0	13
1515	0	20	1	0	21
1530	0	12	0	0	12
1545	0	17	2	0	19
HR/TOT	0	62	3	0	65
1600	1	15	1	0	17
1615	0	9	1	0	10
1630	0	19	2	0	21
1645	0	17	2	0	19
HR/TOT	1	60	6	0	67
1700	1	13	1	0	15
1715	0	18	2	0	20
1730	0	11	0	0	11
1745	1	16	2	0	19
HR/TOT	2	58	5	0	65
1800	0	17	0	0	17
1815	0	10	1	0	11
1830	0	7	0	0	7
1845	0	12	1	0	13
HR/TOT	0	46	2	0	48
1900	0	21	3	0	24
1915	1	15	2	0	18
1930	0	11	4	0	15
1945	1	16	1	0	18
HR/TOT	2	63	10	0	75
2000	0	15	3	0	18
2015	0	15	4	0	19
2030	0	11	2	0	13
2045	0	9	2	0	11
HR/TOT	0	50	11	0	61
2100	0	8	2	0	10
2115	0	9	0	0	9
2130	0	16	0	0	16
2145	0	7	2	0	9
HR/TOT	0	40	4	0	44
2200	0	6	6	0	12
2215	0	4	2	0	6
2230	0	7	0	0	7
2245	0	1	3	0	4
HR/TOT	0	18	11	0	29
2300	0	3	3	0	6
2315	0	3	2	0	5
2330	0	2	2	0	4
2345	0	3	1	0	4
HR/TOT	0	11	8	0	19
07-19	8	733	48	5	794
00-00	10	956	101	5	1072

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC219

WESTBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
0000	0	6	0	0	6
0015	0	8	0	0	8
0030	0	2	0	0	2
0045	0	2	0	0	2
HR/TOT	0	18	0	0	18
0100	0	0	0	0	0
0115	1	2	1	0	4
0130	0	0	0	0	0
0145	0	1	0	0	1
HR/TOT	1	3	1	0	5
0200	0	1	0	0	1
0215	0	0	0	0	0
0230	0	0	0	0	0
0245	0	0	0	0	0
HR/TOT	0	1	0	0	1
0300	0	0	0	0	0
0315	0	0	0	0	0
0330	0	2	0	0	2
0345	0	0	0	0	0
HR/TOT	0	2	0	0	2
0400	0	0	0	0	0
0415	0	0	0	0	0
0430	0	0	0	0	0
0445	0	0	1	0	1
HR/TOT	0	0	1	0	1
0500	0	0	0	0	0
0515	0	1	0	0	1
0530	0	1	0	0	1
0545	0	1	0	0	1
HR/TOT	0	3	0	0	3
0600	0	0	0	0	0
0615	0	1	2	0	3
0630	0	1	2	0	3
0645	0	0	1	0	1
HR/TOT	0	2	5	0	7
0700	0	1	0	0	1
0715	0	5	1	0	6
0730	1	4	1	0	6
0745	0	11	0	0	11
HR/TOT	1	21	2	0	24
0800	0	5	1	0	6
0815	0	18	1	0	19
0830	0	10	0	0	10
0845	0	9	1	0	10
HR/TOT	0	42	3	0	45
0900	0	7	2	0	9
0915	0	8	0	0	8
0930	0	7	0	0	7
0945	1	10	2	1	14
HR/TOT	1	32	4	1	38
1000	0	10	0	0	10
1015	0	13	2	0	15
1030	0	15	0	0	15
1045	0	11	5	0	16
HR/TOT	0	49	7	0	56
1100	0	14	0	1	15
1115	0	17	1	0	18
1130	0	20	3	0	23
1145	0	12	0	0	12
HR/TOT	0	63	4	1	68

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Site XC219

WESTBOUND

Automatic Traffic Counts
09 June 2011

TIME	PCL/MCL	LGV'S	HGV'S	BUSES	TOTALS
1200	0	18	1	0	19
1215	0	14	0	0	14
1230	0	12	1	0	13
1245	0	17	1	0	18
HR/TOT	0	61	3	0	64
1300	0	18	0	0	18
1315	0	11	1	0	12
1330	0	10	0	0	10
1345	0	14	3	1	18
HR/TOT	0	53	4	1	58
1400	0	18	0	0	18
1415	1	19	2	1	23
1430	0	11	1	0	12
1445	1	24	2	0	27
HR/TOT	2	72	5	1	80
1500	0	18	1	1	20
1515	0	18	1	0	19
1530	1	21	0	0	22
1545	1	22	0	0	23
HR/TOT	2	79	2	1	84
1600	0	21	2	0	23
1615	0	24	1	0	25
1630	0	16	1	0	17
1645	0	15	1	0	16
HR/TOT	0	76	5	0	81
1700	0	16	0	0	16
1715	0	23	3	0	26
1730	0	32	0	0	32
1745	0	30	0	0	30
HR/TOT	0	101	3	0	104
1800	0	27	2	0	29
1815	0	19	2	0	21
1830	0	31	5	0	36
1845	0	27	1	0	28
HR/TOT	0	104	10	0	114
1900	0	16	2	0	18
1915	0	15	2	0	17
1930	0	14	3	0	17
1945	0	13	3	0	16
HR/TOT	0	58	10	0	68
2000	0	16	2	0	18
2015	1	21	2	0	24
2030	0	7	2	0	9
2045	0	14	2	0	16
HR/TOT	1	58	8	0	67
2100	0	20	2	0	22
2115	0	18	1	0	19
2130	0	13	0	0	13
2145	0	11	1	0	12
HR/TOT	0	62	4	0	66
2200	0	8	2	0	10
2215	0	11	3	0	14
2230	0	3	3	0	6
2245	0	4	2	0	6
HR/TOT	0	26	10	0	36
2300	0	2	2	0	4
2315	0	7	3	0	10
2330	0	3	2	0	5
2345	0	4	0	0	4
HR/TOT	0	16	7	0	23
07-19	6	753	52	5	816
00-00	8	1002	98	5	1113

ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Automatic Traffic Counts
Site XC219

09 June 2011
Ath/11/040

Eastbound

Profile:

Filter time: 00:00 09 June 2011 => 23:59 09 June 2011

Speed range: 0 - 200 km/h.

Separation: Greater than 4.00 seconds. - (Headway)

Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)

In profile: Vehicles = 878 / 2185

Vehicles = 878

Maximum = 109.7 km/h, Minimum = 8.5 km/h, Mean = 63.0 km/h

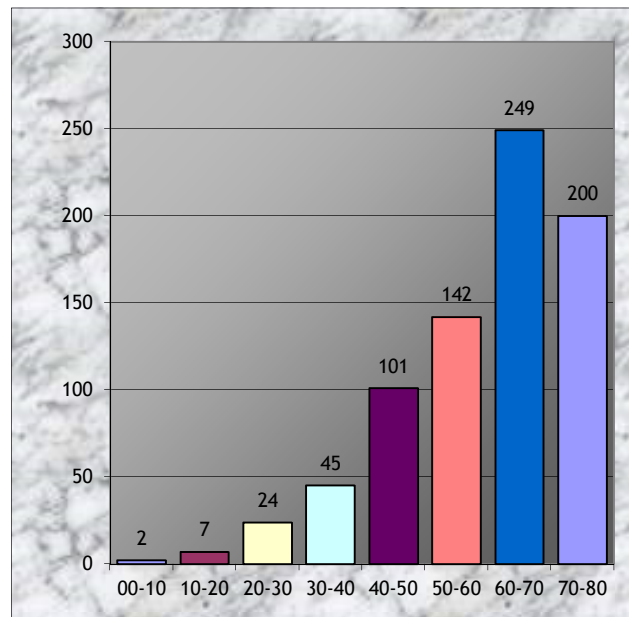
85% Speed = 78.1 km/h, 95% Speed = 86.4 km/h, Median = 64.8 km/h

20 km/h Pace = 58 - 78, Number in Pace = 467 (53.19%)

Variance = 258.45, Standard Deviation = 16.08 km/h

Speed Bins:

Speed	Bin	
	No.	%
KPH		
00-10	2	0.2
10-20	7	0.8
20-30	24	2.7
30-40	45	5.1
40-50	101	11.5
50-60	142	16.2
60-70	249	28.4
70-80	200	22.8
80-90	85	9.7
90-100	20	2.3
100-110	3	0.3



ABACUS TRANSPORTATION SURVEYS

Cork to Dublin Railway Line
Automatic Traffic Counts
Site XC219

09 June 2011
Ath/11/040

Westbound

Profile:

Filter time: 00:00 09 June 2011 => 23:59 09 June 2011
Speed range: 0 - 200 km/h.
Separation: Greater than 4.00 seconds. - (Headway)
Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)
In profile: Vehicles = 897 / 2185

Vehicles = 897

Maximum = 84.7 km/h, Minimum = 12.5 km/h, Mean = 56.6 km/h

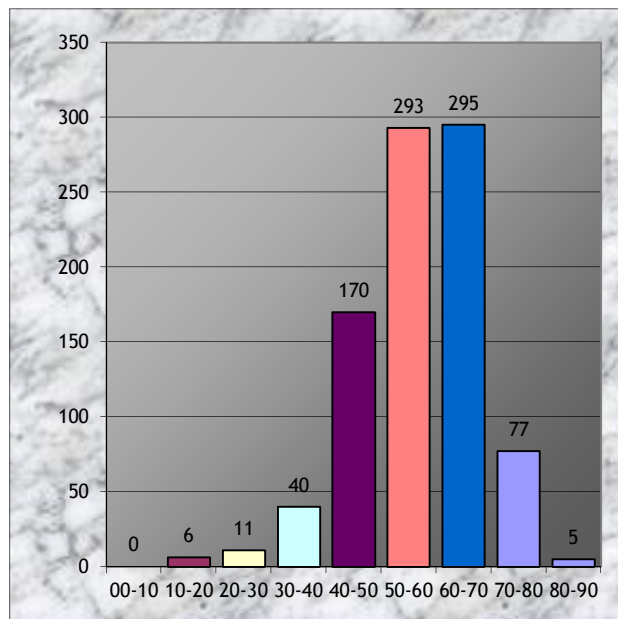
85% Speed = 67.0 km/h, 95% Speed = 72.4 km/h, Median = 57.6 km/h

20 km/h Pace = 48 - 68, Number in Pace = 604 (67.34%)

Variance = 119.43, Standard Deviation = 10.93 km/h

Speed Bins:

Speed KPH	Bin	
	No.	%
00-10	0	0
10-20	6	0.7
20-30	11	1.2
30-40	40	4.5
40-50	170	19
50-60	293	32.7
60-70	295	32.9
70-80	77	8.6
80-90	5	0.6
90-100	0	0
100-110	0	0



ABACUS TRANSPORTATION SURVEYS

CORK TO DUBLIN RAILWAY LINE
MANUAL CLASSIFIED PEDESTRIAN COUNTS

JUNE 2011
ATH/11/040

DATE: 9th June 2011

DAY: Thursday

TIME	XC 187						XC 201						XC 209					
	NORTHBOUND			SOUTHBOUND			NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND		
	ADULT	CHILD	TOT	ADULT	CHILD	TOT	ADULT	CHILD	TOT	ADULT	CHILD	TOT	ADULT	CHILD	TOT	ADULT	CHILD	TOT
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	1	0	1	2	0	2	0	0	0	0	0	0
10:30	0	0	0	0	0	0	1	0	1	0	0	0	2	0	2	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	2	0	2	2	0	2	2	0	2	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	2	0	2	2	0	2	2	0	2	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	2	0	2	2	0	2	2	0	2	2	0	2

ABACUS TRANSPORTATION SURVEYS

CORK TO DUBLIN RAILWAY LINE
MANUAL CLASSIFIED PEDESTRIAN COUNTS

JUNE 2011
ATH/11/040

DATE: 9th June 2011
DAY: Thursday

TIME	XC 187			XC 201			XC 209			XC 209			XC 209					
	NORTHBOUND ADULT	CHILD	TOT	SOUTHBOUND ADULT	CHILD	TOT	NORTHBOUND ADULT	CHILD	TOT	SOUTHBOUND ADULT	CHILD	TOT	EASTBOUND ADULT	CHILD	TOT	WESTBOUND ADULT	CHILD	TOT
12:00	0	0	0	0	0	0	1	0	1	2	0	2	0	1	1	0	0	0
12:15	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
12:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	2	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
H/TOT	2	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
19:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:15	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:45	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	2	0	2
H/TOT	0	0	0	0	0	0	0	0	0	2	0	2	1	0	1	2	0	2
21:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
21:15	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P/TOT	2	0	2	0	0	0	6	0	6	9	1	10	8	0	8	5	0	5

ABACUS TRANSPORTATION SURVEYS

CORK TO DUBLIN RAILWAY LINE
MANUAL CLASSIFIED PEDESTRIAN COUNTS

JUNE 2011
ATH/11/040

DATE: 9th June 2011
DAY: Thursday

TIME	XC 219						XC 215						XC 226					
	EASTBOUND		TOT	WESTBOUND		TOT	EASTBOUND		TOT	WESTBOUND		TOT	EASTBOUND		TOT	WESTBOUND		TOT
	ADULT	CHILD		ADULT	CHILD		ADULT	CHILD		ADULT	CHILD		ADULT	CHILD		ADULT	CHILD	
12:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
H/TOT	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	1	0	1
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:15	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
19:00	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
19:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
19:30	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:45	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	4	0	4	0	0	0	0	0	0	0	0	1	0	1	2	0	2	2
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P/TOT	4	0	4	4	0	4	0	0	0	1	0	1	2	0	2	7	0	7



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ROUGHAN & O'DONOVAN LEVEL CROSSINGS TRAFFIC SURVEY

SURVEY REPORT OCTOBER 2010

PROJECT NO.	945
CHECKED	P. MURRAY
DATE	06/10/2010
CONTACT	J. FAULDS
REVISION	

CONTENTS

Introduction

Automatic Traffic Counts

Pedestrian Counts

Diagrams 945-01 to 945-03

Appendix A – Vehicle Categories

Appendix B – Survey Results – Automatic Traffic Counts

Appendix C – Survey Results – Pedestrian Counts

INTRODUCTION

Nationwide Data Collection (NDC) was instructed by Roughan & O'Donovan to undertake Automatic Traffic Counts with pedestrian counts.

General location plans are given in Diagrams 945-01 to 945-03.

AUTOMATIC TRAFFIC COUNTS

Automatic traffic counts were undertaken at the following sites:

Site No.	Location.	Day / Date
1	Level Crossing XC212 - east of N20	Monday 4 th October 2010
2	Level Crossing XC211 - Ballycoskey	
3	Level Crossing XG159 - north of N6 (Mountain West)	
4	Level Crossing XS112 - Tawnalion	

METROCOUNT 5600 series automatic traffic counters, attached to pneumatic tubes, were used at Sites 1 to 4. Data was collected in both directions, with one counter being used for the single carriageway sites (1 lane per direction).

The survey was carried out with survey hours of 00:00 to 00(24):00.

The results have been provided in excel, in hourly totals and includes the following information:

- Total Vehicles
- Class Bin Totals (12 Class)
- Number of Vehicles over Speed Limit
- Percentage of Vehicles over Speed Limit
- Number of Vehicles over Speed Limit 1 (Speed Limit + 5kph)
- Percentage of Vehicles over Speed Limit 1
- Number of Vehicles over Speed Limit 2 – (Speed Limit + 10kph)
- Percentage of Vehicles over Speed Limit 2
- Mean Speed
- 85th Percentile Speed
- Speed Bin Totals (Range 0 to 140kph)

12hr (07:00 to 19:00), 16hr (06:00 to 22:00), 18hr (06:00 to 00:00) and 24hr (00:00 to 00:00) totals are also included along with a virtual week and grand total. The peak time period for both the a.m (00:00 to 12:00) and p.m (12:00 to 24:00) are also highlighted.

A detailed description of the vehicles included in each category is provided in Appendix A.

PEDESTRIAN COUNT

In conjunction with the automatic traffic counts, a two-way pedestrian crossing count was undertaken at each level crossing in 15 minute intervals, and tabulated with both hourly and period totals.

Pedestrians were also classified into the following categories:

- Adults – 16 years old and over,
- Children - <16 years old

SITE REPORT

Weather Monday 4th October 2010 – Dry and Sunny all day.

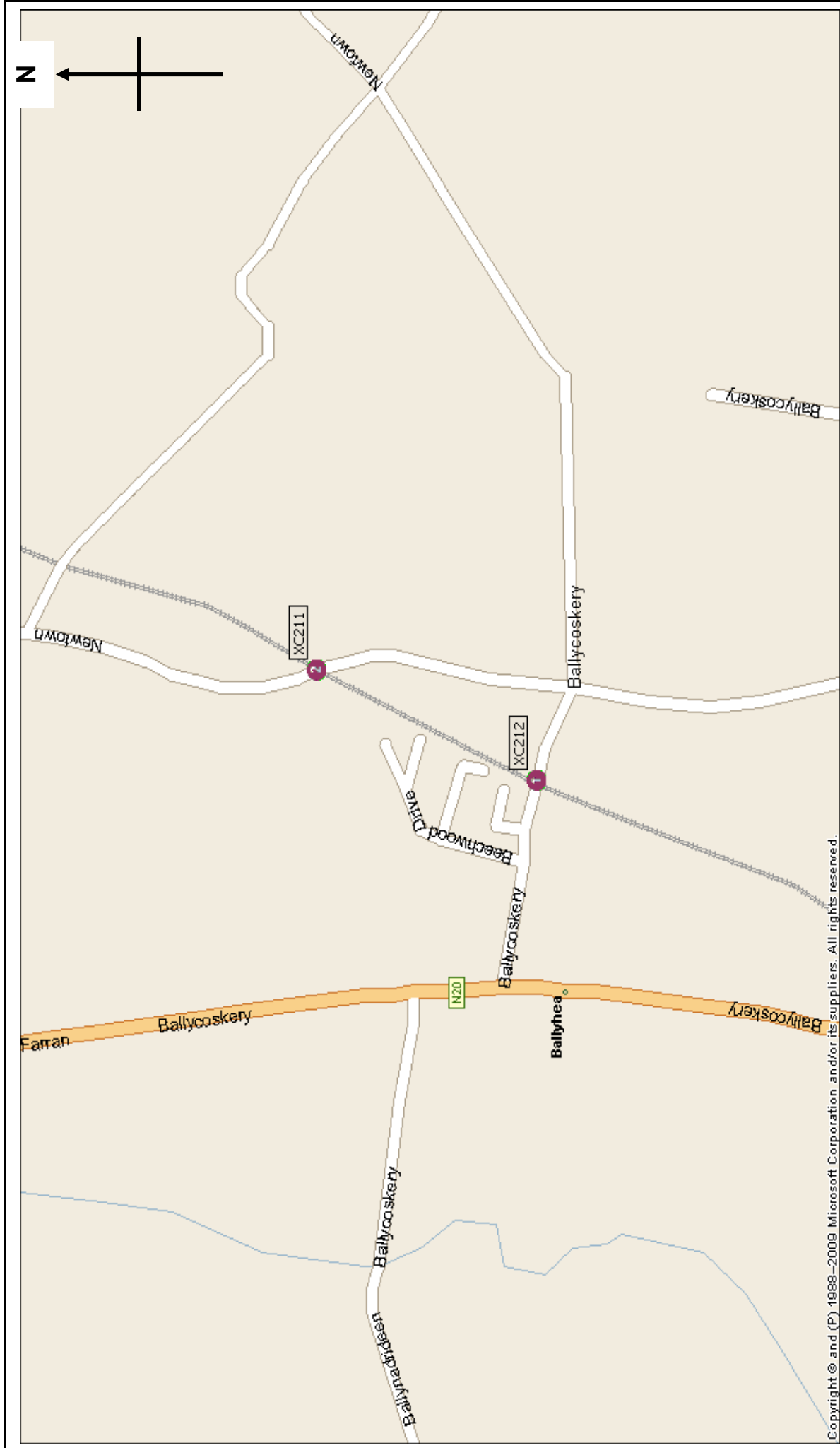
Accidents None.


Roadworks None.

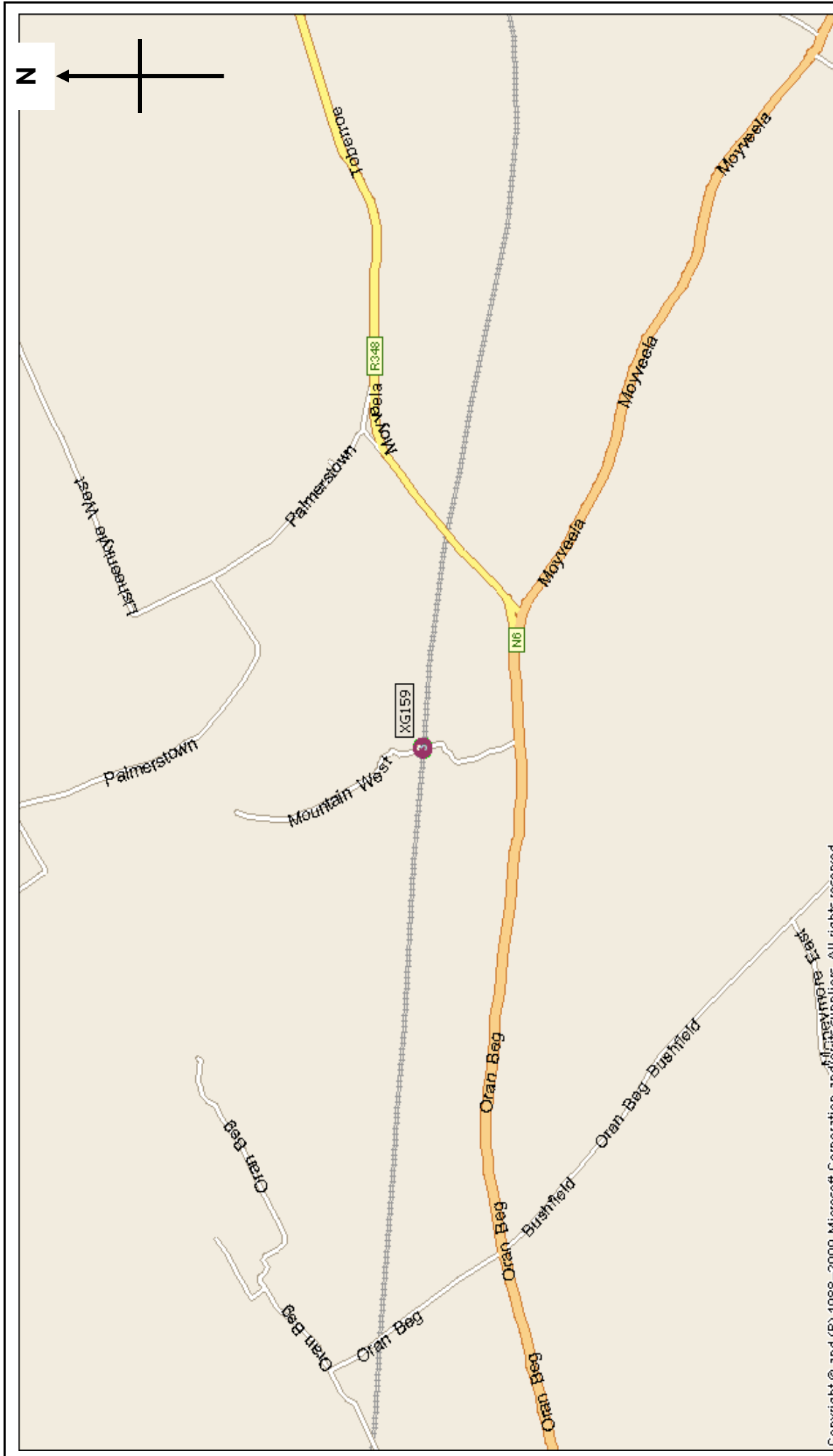
Queues Not recorded.

Pedestrians Recorded separately.


General Site Notes. None.



	Sites / Location:	1 / Level Crossing XC212 - east of N20 2 / Level Crossing XC211 - Ballycoskery	Project No.:	945	Diagram No.:	945-01	Drawn By:	JF
	Survey Date:	Monday 4th October 2010	Project Name:	LEVEL CROSSINGS				
Survey Times:	00:00 to 00(24):00	Diagram Title:	General Location Plan					














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	Sites / Location:	3 / Level Crossing XG159 - north of N6 (Mountain West)	Project No.:	945	Diagram No.:	945-02	Drawn By:	JF
	Survey Date:	Monday 4th October 2010	Project Name: LEVEL CROSSINGS					
	Survey Times:	00:00 to 00(24):00	Diagram Title: General Location Plan					

APPENDIX A

VEHICLE CATEGORIES

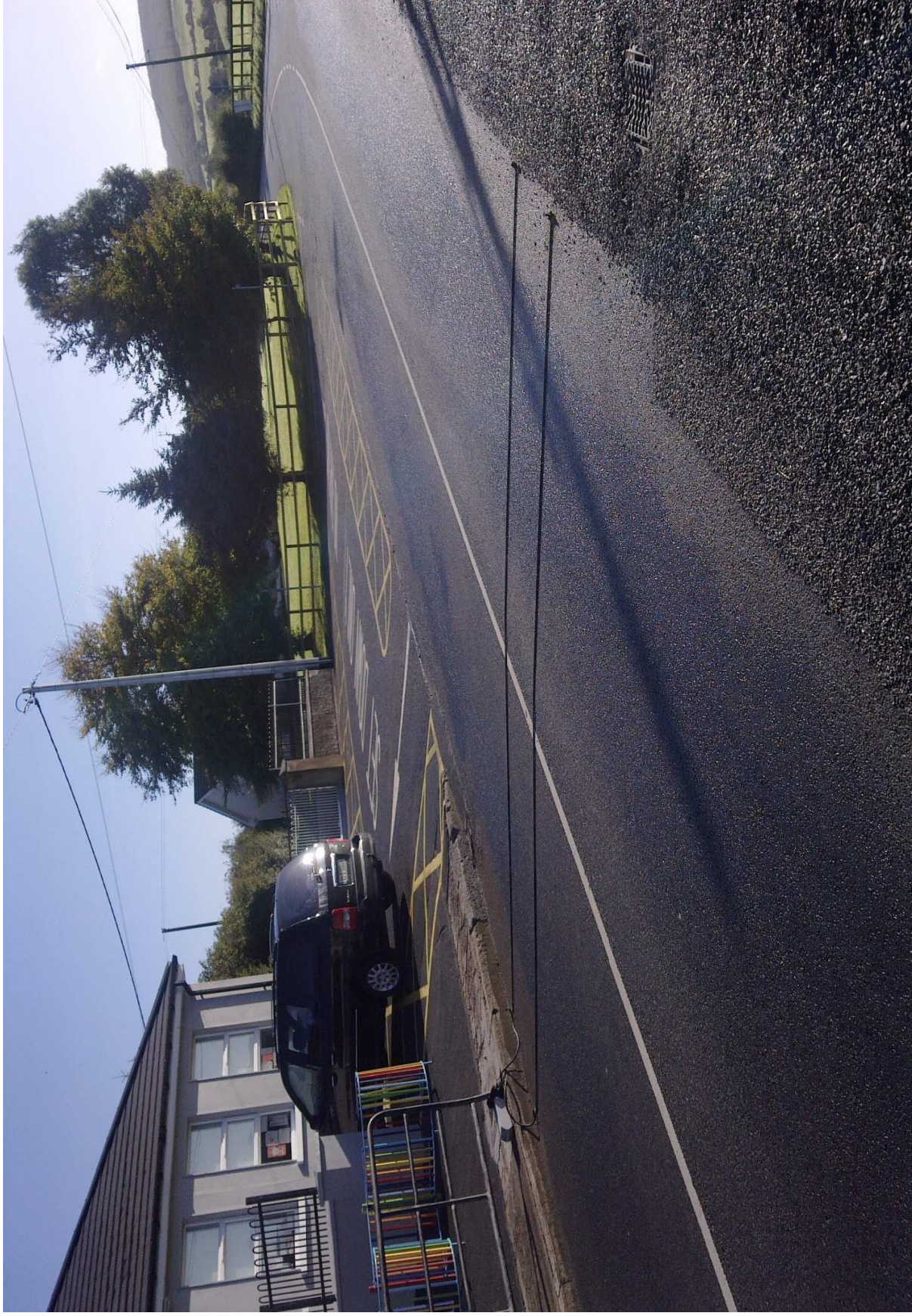
ATC VEHICLE CATEGORIES


Axles	Groups	Description	Class		Parameters	Dominant Vehicle	Aggregate
2	1 or 2	Very Short - Bicycle or Motorcycle	MC	1	$d(1) < 1.7\text{m}$ & axles=2		
2	1 or 2	Short - Sedan, Wagon, 4WD, Utility, Light Van	SV	2	$d(1) \geq 1.7\text{m}$, $d(1) \leq 3.2\text{m}$ & axles=2		
3, 4 or 5	3	Short Towing - Trailer, Caravan, Boat, etc.	SVT	3	groups=3, $d(1) \geq 2.1\text{m}$, $d(1) \leq 3.2\text{m}$, $d(2) \geq 2.1\text{m}$ & axles=3,4,5		1 (Light)
2	2	Two axle truck or Bus	TB2	4	$d(1) > 3.2\text{m}$ & axles=2		
3	2	Three axle truck or Bus	TB3	5	axles=3 & groups=2		
>3	2	Four axle truck	T4	6	axles>3 & groups=2		2 (Medium)
3	3	Three axle articulated vehicle or Rigid vehicle and trailer	ART3	7	$d(1) > 3.2\text{m}$, axles=3 & groups=3		
4	>2	Four axle articulated vehicle or Rigid vehicle and trailer	ART4	8	$d(2) < 2.1\text{m}$ or $d(1) < 2.1\text{m}$ or $d(1) > 3.2\text{m}$ axles = 4 & groups>2		
5	>2	Five axle articulated vehicle or Rigid vehicle and trailer	ART5	9	$d(2) < 2.1\text{m}$ or $d(1) < 2.1\text{m}$ or $d(1) > 3.2\text{m}$ axles=5 & groups>2		
≥ 6	>2	Six (or more) axle articulated vehicle or Rigid vehicle and trailer	ART6	10	axles=6 & groups>2 or axles>6 & groups=3		
>6	4	B-Double or Heavy truck and trailer	BD	11	groups=4 & axles>6		
>6	≥ 5	Double or triple road train or Heavy truck and two (or more) trailers	DRT	12	groups ≥ 5 & axles>6		3 (Heavy)

APPENDIX B

SURVEY RESULTS

AUTOMATIC TRAFFIC COUNTS



	Site / Location: 1 / Level Crossing XC212 - east of N20	Project No.: 945	Photo No.: 945-01	Drawn By: JF
	Survey Date: Monday 4th October 2010	Project Name: LEVEL CROSSINGS		
	Survey Times: 00:00 to 00(24):00	Title: Site Photograph		

Site No.	Location.	Direction.	Speed Limit (km/h)	Date.	Total Vehicles.	5 Day Ave.	7 Day Ave.	No. > Speed Limit.	% > Speed Limit.	No. > Speed Limit (+5km/h).	% > Speed Limit (+5km/h).	No. > Speed Limit (+10km/h).	% > Speed Limit (+10km/h).	Mean Speed	85%ile Speed
1	Level Crossing XC212 - east of N20	East	50	Monday 04 October 2010	542	542	542	69	12.7	24	4.4	5	0.9	36.5	48.6
		West	50	Monday 04 October 2010	512	512	512	149	29.1	99	19.3	49	9.6	39.5	56.5
		East West	50	Monday 04 October 2010	1054	1054	1054	218	20.7	123	11.7	54	5.1	38.0	53.3

Site

1

Location Level Crossing XC212 - east of N20
Direction East

945 / Level Crossings
October 2010
Automatic Traffic Count

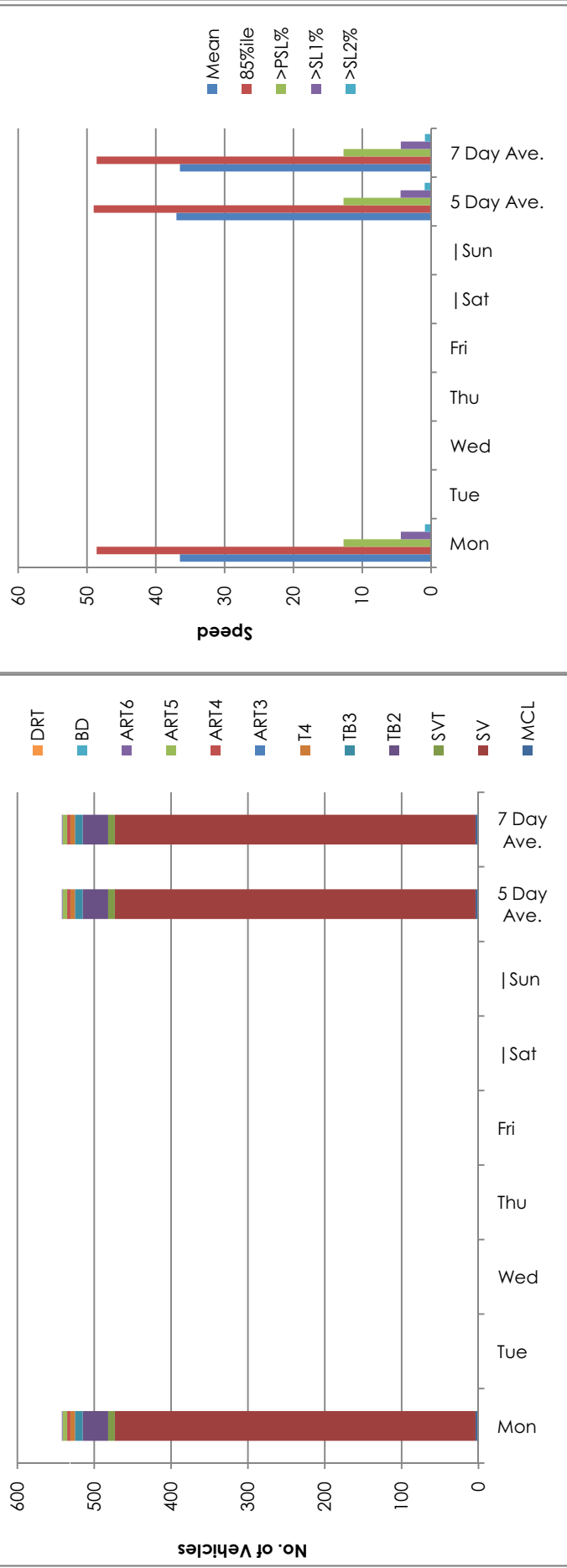
Monday 04 October 2010

Time	Total	Classification												>PSL 50	>PSL% 50	>SL1 +5kph 55	>SL1% +5kph 55	>SL2 +10kph 60	>SL2% +10kph 60	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	6	0	5	0	1	0	0	0	0	0	0	0	0	2	33.3	0	0	0	42.3	-	
0100	4	0	4	0	0	0	0	0	0	0	0	0	0	2	50	2	0	0	51	-	
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
0400	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	-	
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
0600	3	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	25.8	-	
0700	12	0	9	0	2	1	0	0	0	0	0	0	0	6	50	3	25	16.7	47.6	55.4	
0800	26	0	21	2	0	0	1	0	1	0	0	0	0	2	7.7	0	0	0	39.1	43.9	
0900	64	0	58	0	4	2	0	0	0	1	0	0	0	2	3.1	0	0	0	27	36	
1000	27	0	24	1	1	0	0	0	0	0	0	0	0	4	14.8	1	3.7	0	43.4	48.2	
1100	20	0	15	0	2	1	0	1	0	0	0	0	0	2	10	1	5	1	37.4	45.7	
1200	41	3	26	3	1	4	0	0	0	0	0	0	0	2	4.9	1	2.4	0	28.3	40.7	
1300	36	0	35	0	1	0	0	0	0	0	0	0	0	3	8.3	0	0	0	35.6	47.2	
1400	50	0	42	0	3	1	2	0	1	1	0	0	0	0	0	0	0	0	28.5	35.6	
1500	28	0	26	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	28.6	37.8	
1600	44	0	37	0	6	0	1	0	0	0	0	0	0	5	11.4	0	0	0	36.7	48.2	
1700	41	0	36	2	3	0	0	0	0	0	0	0	0	4	9.8	2	4.9	0	41.6	46.8	
1800	41	1	37	1	2	0	0	0	0	0	0	0	0	3	7.3	3	7.3	1	36.9	47.9	
1900	25	0	24	0	1	0	0	0	0	0	0	0	0	8	32	3	12	1	46	54	
2000	30	0	28	0	2	0	0	0	0	0	0	0	0	7	23.3	5	16.7	0	45.8	55.8	
2100	23	0	21	0	2	0	0	0	0	0	0	0	0	9	39.1	3	13	0	46.3	54.7	
2200	12	0	12	0	0	0	0	0	0	0	0	0	0	4	33.3	0	0	0	42.5	52.6	
2300	8	0	7	0	1	0	0	0	0	0	0	0	0	4	50	0	0	0	47.5	-	
07-19	430	4	366	9	25	10	5	0	4	6	1	0	0	33	7.7	11	2.6	4	34.3	46.1	
06-22	511	4	440	9	31	10	6	0	4	6	1	0	0	57	11.2	22	4.3	5	36	48.2	
06-00	531	4	459	9	32	10	6	0	4	6	1	0	0	65	12.2	22	4.1	5	36.3	48.2	
00-00	542	4	469	9	33	10	6	0	4	6	1	0	0	69	12.7	24	4.4	5	36.5	48.6	

Virtual Week (1)

Time	Total	Classification												>PSL 50	>PSL% 50	>SL1 +5kph 55	>SL1% +5kph 55	>SL2 +10kph 60	>SL2% +10kph 60	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
Mon	542	4	469	9	33	10	6	4	6	1	0	0	69	12.7	24	4.4	5	36.5	48.6		
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
5 Day Ave.	542	4	469	9	33	10	6	4	6	1	0	0	69	12.7	24	4.4	5	37.0	49.0		
7 Day Ave.	542	4	469	9	33	10	6	4	6	1	0	0	69	12.7	24	4.4	5	36.5	48.6		
Total	542	4	469	9	33	10	6	4	6	1	0	0	69	12.7	24	4.4	5	36.5	48.6		

Summary Graphs



Site

1

Level Crossing XC212 - east of N20
East

945 / Level Crossings
October 2010
Automatic Traffic Count

Monday 04 October 2010

Time	Total	Speed Bins (km/h)																											
		0-5 5	5-10 10	10-15 15	15-20 20	20-25 25	25-30 30	30-35 35	35-40 40	40-45 45	45-50 50	50-55 55	55-60 60	60-65 65	65-70 70	70-75 75	75-80 80	80-85 85	85-90 90	90-95 95	95-100 100	100-105 105	105-110 110	110-115 115	115-120 120	120-125 125	125-130 130	130-135 135	135-140 140
0000	6	0	0	0	0	0	1	0	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100	4	0	0	0	0	0	0	0	1	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	3	0	0	1	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
0700	12	0	0	0	0	0	0	2	2	0	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800	26	0	0	0	2	1	2	2	7	10	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900	64	0	2	6	6	16	14	7	5	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	27	0	0	0	1	0	1	0	4	11	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100	20	0	0	0	1	2	1	4	4	4	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	41	0	1	2	12	2	4	8	5	4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	36	0	0	4	1	3	2	4	5	8	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	50	0	0	1	7	9	9	15	6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	28	0	1	2	5	2	2	6	8	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600	44	0	0	4	1	2	5	5	7	10	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700	41	0	0	0	0	2	1	4	8	14	8	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	41	0	0	1	6	1	3	2	11	7	7	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	25	0	0	0	0	0	0	2	5	4	6	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	30	0	0	0	0	0	1	0	4	8	10	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	23	0	0	0	0	0	0	2	5	4	3	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	12	0	0	0	0	0	0	2	5	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	8	0	0	0	0	0	0	0	2	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	430	0	4	20	39	42	42	60	72	75	43	22	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-22	511	0	4	21	39	42	44	64	87	91	62	35	17	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-00	531	0	4	21	39	42	44	66	94	92	64	43	17	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00-00	542	0	4	21	39	42	45	66	95	94	67	45	19	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Nationwide Data Collection
for
Roughan and O'Donovan

Site

1

Location Level Crossing XC212 - east of N20
 Direction West

945 / Level Crossings
 October 2010
 Automatic Traffic Count

Monday 04 October 2010

Time	Total	Classification												>PSL 50	>PSL% 50	>SL1 +5kph 55	>SL1% +5kph 55	>SL2 +10kph 60	>SL2% +10kph 60	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	6	0	3	0	3	0	0	0	0	0	0	0	0	4	66.7	4	66.7	1	16.7	50.4	-
0100	2	0	2	0	0	0	0	0	0	0	0	0	0	1	50	1	50	0	0	54.5	-
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0400	2	0	2	0	0	0	0	0	0	0	0	0	0	2	100	2	100	2	100	66.3	-
0500	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.2	-
0600	6	0	5	0	1	0	0	0	0	0	0	0	0	3	50	2	33.3	2	33.3	43.3	-
0700	31	0	26	2	2	0	1	0	0	0	0	0	0	19	61.3	15	48.4	6	19.4	50.9	63.4
0800	49	0	45	1	3	0	0	0	0	0	0	0	0	17	34.7	11	22.4	7	14.3	44.7	58.7
0900	69	0	66	0	2	1	0	0	0	0	0	0	0	11	15.9	8	11.6	5	7.2	30.1	50.4
1000	26	0	23	1	1	1	0	0	0	0	0	0	0	8	30.8	6	23.1	1	3.8	43.4	55.8
1100	18	0	16	1	1	0	0	0	0	0	0	0	0	6	33.3	1	5.6	0	0	42.8	52.6
1200	38	2	31	1	2	0	1	0	0	0	0	0	0	6	15.8	2	5.3	1	2.6	33.6	48.2
1300	23	0	21	0	2	0	0	0	0	0	0	0	0	3	13	3	13	2	8.7	35	46.8
1400	29	0	25	0	2	1	1	0	0	0	0	0	0	4	13.8	1	3.4	0	0	28.5	47.9
1500	38	1	28	0	7	0	1	0	0	0	0	0	0	6	15.8	2	5.3	1	2.6	29.1	47.5
1600	40	0	33	2	2	0	3	0	0	0	0	0	0	9	22.5	5	12.5	3	7.5	36.8	53.6
1700	32	0	31	0	1	0	0	0	0	0	0	0	0	16	50	13	40.6	9	28.1	49.8	61.6
1800	32	1	29	0	1	0	1	0	0	0	0	0	0	10	31.3	6	18.8	4	12.5	44.6	55.1
1900	29	0	27	0	2	0	0	0	0	0	0	0	0	9	31	5	17.2	0	0	43.4	54.7
2000	21	0	20	0	1	0	0	0	0	0	0	0	0	9	42.9	7	33.3	2	9.5	46.3	59
2100	9	0	8	0	1	0	0	0	0	0	0	0	0	1	11.1	0	0	0	0	45.1	-
2200	8	0	6	0	2	0	0	0	0	0	0	0	0	5	62.5	5	62.5	3	37.5	52.1	-
2300	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37.2	-
07-19	425	4	374	8	26	3	8	0	2	0	0	0	0	115	27.1	73	17.2	39	9.2	38.2	55.8
06-22	490	4	434	8	31	3	8	0	2	0	0	0	0	137	28	87	17.8	43	8.8	39.1	55.8
06-00	501	4	443	8	33	3	8	0	2	0	0	0	0	142	28.3	92	18.4	46	9.2	39.3	56.2
00-00	512	4	450	8	37	3	8	0	2	0	0	0	0	149	29.1	99	19.3	49	9.6	39.5	56.5

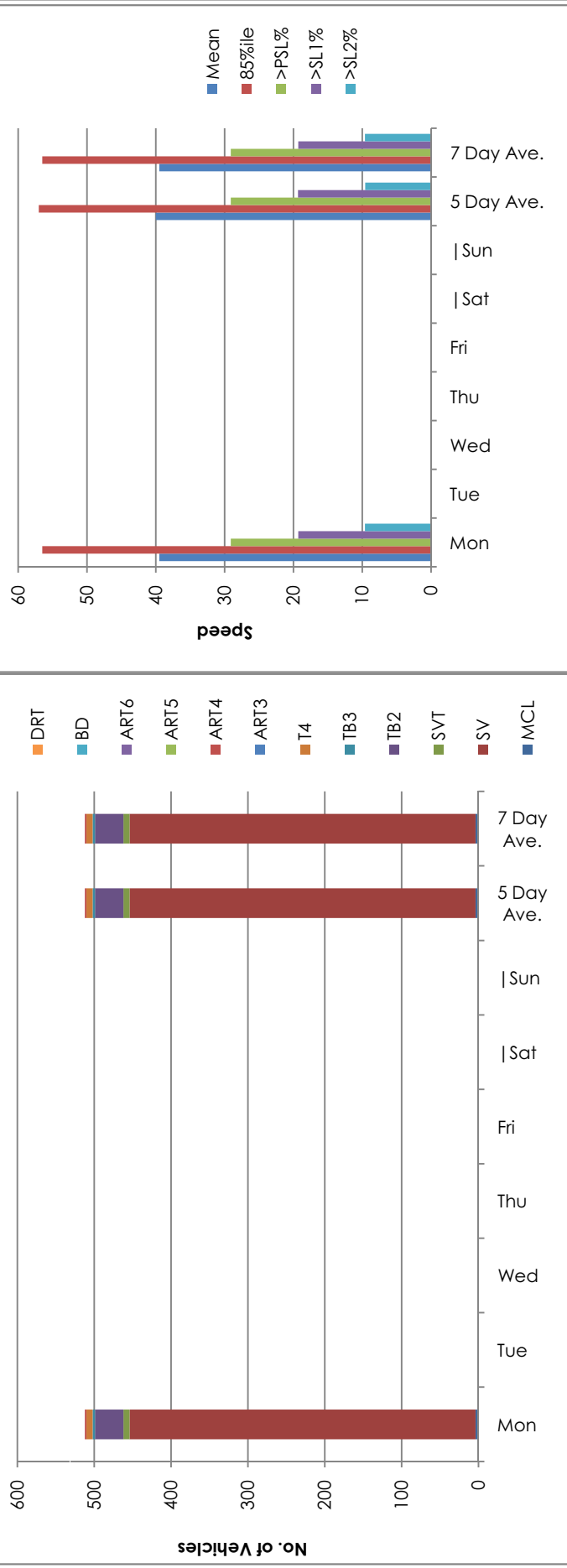


Nationwide Data Collection
 for
 Roughan and O'Donovan

Virtual Week (1)

Time	Total	Classification												>PSL 50	>PSL% 50	>SL1 +5kph 55	>SL1% +5kph 55	>SL2 +10kph 60	>SL2% +10kph 60	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
Mon	512	4	450	8	37	3	8	0	2	0	0	0	0	149	29.1	99	19.3	49	9.6	39.5	56.5
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
5 Day Ave.	512	4	450	8	37	3	8	0	2	0	0	0	149	29.1	99	19.3	49	9.6	40.0	57.0	
7 Day Ave.	512	4	450	8	37	3	8	0	2	0	0	0	149	29.1	99	19.3	49	9.6	39.5	56.5	
Total	512	4	450	8	37	3	8	0	2	0	0	0	149	29.1	99	19.3	49	9.6	39.5	56.5	

Summary Graphs



Site

1

Location
Level Crossing XC212 - east of N20
Direction
West

945 / Level Crossings
October 2010
Automatic Traffic Count

Monday 04 October 2010

Time	Total	Speed Bins (km/h)																											
		0-5 5	5-10 10	10-15 15	15-20 20	20-25 25	25-30 30	30-35 35	35-40 40	40-45 45	45-50 50	50-55 55	55-60 60	60-65 65	65-70 70	70-75 75	75-80 80	80-85 85	85-90 90	90-95 95	95-100 100	100-105 105	105-110 110	110-115 115	115-120 120	120-125 125	125-130 130	130-135 135	135-140 140
0000	6	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900	69	1	2	7	8	11	11	12	3	2	1	3	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	26	0	0	0	0	0	1	3	2	6	0	2	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100	18	0	0	0	0	0	0	3	4	0	2	3	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	38	0	1	1	12	2	0	5	3	3	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	23	0	0	3	0	2	3	5	6	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	29	0	1	4	4	8	3	0	1	3	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	38	0	2	6	4	7	3	4	3	1	2	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600	40	0	0	3	4	2	5	4	7	4	2	4	2	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
1700	32	0	0	0	0	0	1	4	6	1	4	3	4	6	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	32	0	0	0	0	0	1	5	5	5	5	4	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	29	0	0	0	0	0	1	4	6	4	4	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	21	0	0	0	0	0	3	1	3	3	2	2	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	9	0	0	0	0	0	0	0	1	1	2	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	8	0	0	0	0	0	0	0	1	2	0	0	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	3	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	425	1	6	24	33	35	37	57	51	29	37	42	34	23	9	6	1	0	0	0	0	0	0	0	0	0	0	0	0
06-22	490	1	6	25	34	35	41	65	61	38	47	50	44	26	10	6	1	0	0	0	0	0	0	0	0	0	0	0	0
06-00	501	1	6	25	34	35	42	66	63	40	47	50	46	27	12	6	1	0	0	0	0	0	0	0	0	0	0	0	0
00-00	512	1	6	25	34	35	43	68	63	40	48	50	50	28	13	7	1	0	0	0	0	0	0	0	0	0	0	0	0



Site

1

Location Level Crossing XC212 - east of N20
Direction East West

945 / Level Crossings
October 2010
Automatic Traffic Count

Monday 04 October 2010

Time	Total	Classification												>PSL 50	>PSL% 50	>SL1 +5kph 55	>SL1% +5kph 55	>SL2 +10kph 60	>SL2% +10kph 60	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	12	0	8	0	4	0	0	0	0	0	0	0	0	6	50	4	33.3	1	8.3	46.4	58
0100	6	0	6	0	0	0	0	0	0	0	0	0	0	3	50	3	50	0	0	52.1	-
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0400	3	0	3	0	0	0	0	0	0	0	0	0	0	2	66.7	2	66.7	2	66.7	60.2	-
0500	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.2	-
0600	9	0	6	0	2	0	1	0	0	0	0	0	0	3	33.3	2	22.2	2	22.2	37.5	-
0700	43	0	35	2	4	1	1	0	0	0	0	0	0	25	58.1	18	41.9	8	18.6	50	62.3
0800	75	0	66	3	3	0	1	0	1	0	0	0	0	19	25.3	11	14.7	7	9.3	42.8	54.4
0900	133	0	124	0	6	3	0	0	0	0	0	0	0	13	9.8	8	6	5	3.8	28.6	41.8
1000	53	0	47	2	2	1	0	0	0	0	0	0	0	12	22.6	7	13.2	1	1.9	43.4	52.9
1100	38	0	31	1	3	1	1	0	0	0	0	0	0	8	21.1	2	5.3	1	2.6	40	51.1
1200	79	5	57	4	3	4	1	0	1	0	0	0	0	8	10.1	3	3.8	1	1.3	30.9	47.5
1300	59	0	56	0	3	0	0	0	0	0	0	0	0	6	10.2	3	5.1	2	3.4	35.4	46.8
1400	79	0	67	0	5	2	3	0	1	0	0	0	0	4	5.1	1	1.3	0	0	28.5	38.2
1500	66	1	54	0	7	1	1	0	0	0	0	0	0	6	9.1	2	3	1	1.5	28.9	40
1600	84	0	70	2	8	0	4	0	0	0	0	0	0	14	16.7	5	6	3	3.6	36.7	50
1700	73	0	67	2	4	0	0	0	0	0	0	0	0	20	27.4	15	20.5	9	12.3	45.2	56.2
1800	73	2	66	1	3	0	1	0	0	0	0	0	0	13	17.8	9	12.3	5	6.8	40.3	52.2
1900	54	0	51	0	3	0	0	0	0	0	0	0	0	17	31.5	8	14.8	1	1.9	44.6	54.7
2000	51	0	48	0	3	0	0	0	0	0	0	0	0	16	31.4	12	23.5	2	3.9	46	56.5
2100	32	0	29	0	3	0	0	0	0	0	0	0	0	10	31.3	3	9.4	0	0	45.9	54.4
2200	20	0	18	0	2	0	0	0	0	0	0	0	0	9	45	5	25	3	15	46.3	58.7
2300	11	0	10	0	1	0	0	0	0	0	0	0	0	4	36.4	0	0	0	0	44.7	51.1
07-19	855	8	740	17	51	13	13	0	6	6	1	0	0	148	17.3	84	9.8	43	5	36.3	51.5
06-22	1001	8	874	17	62	13	14	0	6	6	1	0	0	194	19.4	109	10.9	48	4.8	37.5	52.9
06-00	1032	8	902	17	65	13	14	0	6	6	1	0	0	207	20.1	114	11	51	4.9	37.8	52.9
00-00	1054	8	919	17	70	13	14	0	6	6	1	0	0	218	20.7	123	11.7	54	5.1	38	53.3

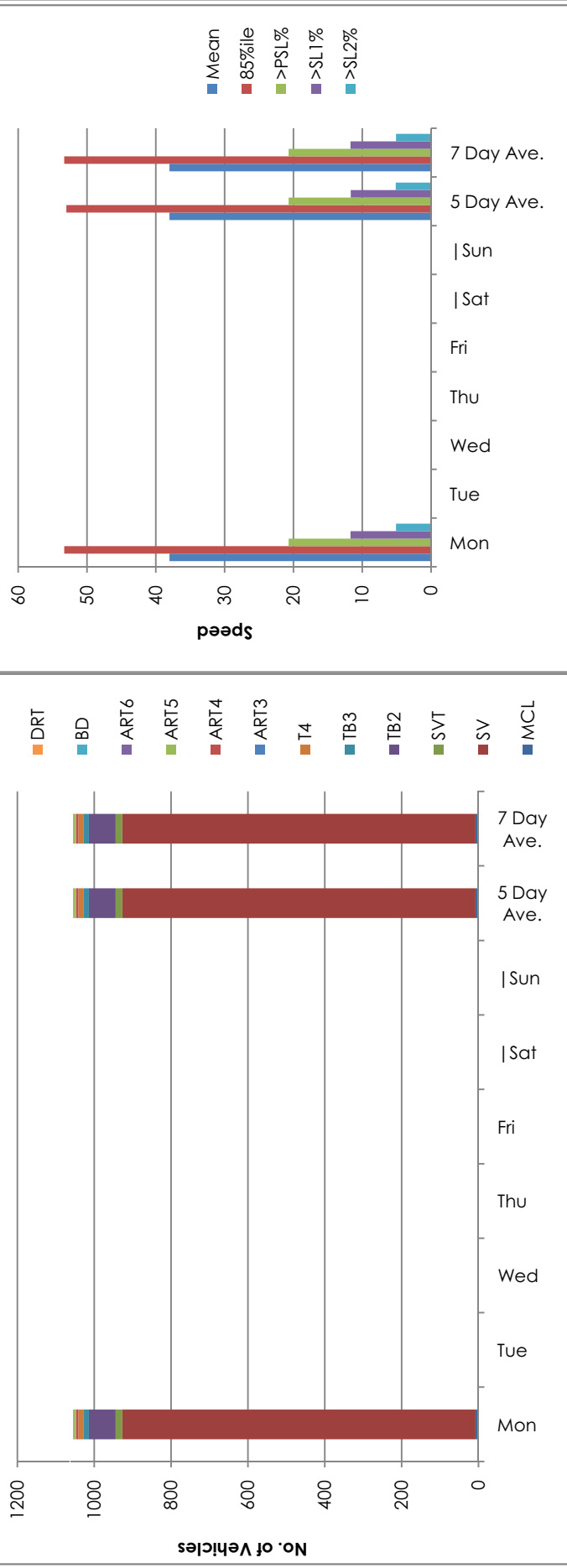


Nationwide Data Collection
for
Roughan and O'Donovan

Virtual Week (1)

Time	Total	Classification											>PSL 50	>PSL% 50	>SL1 +5kph 55	>SL1% +5kph 55	>SL2 +10kph 60	>SL2% +10kph 60	Mean	Vpp 85	
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD									12 DRT
Mon	1054	8	919	17	70	13	14	0	6	6	1	0	0	218	20.7	123	11.7	54	5.1	38	53.3
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
5 Day Ave.	1054	8	919	17	70	13	14	0	6	6	1	0	0	218	20.7	123	11.7	54	5.1	38.0	53.0
7 Day Ave.	1054	8	919	17	70	13	14	0	6	6	1	0	0	218	20.7	123	11.7	54	5.1	38.0	53.3
Total	1054	8	919	17	70	13	14	0	6	6	1	0	0	218	20.7	123	11.7	54	5.1	38.0	53.3

Summary Graphs



Site

1 Level Crossing XC212 - east of N20
East West


945 / Level Crossings
October 2010
Automatic Traffic Count

Monday 04 October 2010

Time	Total	Speed Bins (km/h)																											
		0-5 5	5-10 10	10-15 15	15-20 20	20-25 25	25-30 30	30-35 35	35-40 40	40-45 45	45-50 50	50-55 55	55-60 60	60-65 65	65-70 70	70-75 75	75-80 80	80-85 85	85-90 90	90-95 95	95-100 100	100-105 105	105-110 110	110-115 115	115-120 120	120-125 125	125-130 130	130-135 135	135-140 140
0000	12	0	0	0	0	1	2	1	1	1	2	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100	6	0	0	0	0	0	0	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	3	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	9	0	0	2	0	0	1	2	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	43	0	0	0	0	0	2	6	4	1	7	10	3	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800	75	0	0	0	1	3	10	16	17	6	8	4	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900	133	1	4	13	14	27	25	19	8	6	5	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	53	0	0	0	0	2	3	3	10	11	5	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100	38	0	0	0	1	2	4	8	4	6	6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	79	0	2	3	24	4	4	13	8	7	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	59	0	0	7	1	5	5	9	11	8	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	79	0	1	5	11	17	12	15	7	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	66	0	3	8	9	9	5	10	11	2	3	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600	84	0	0	7	5	4	10	9	14	14	9	2	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1700	73	0	0	0	0	2	2	8	14	15	5	6	6	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	73	0	0	1	6	2	4	7	16	12	4	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	54	0	0	0	1	0	1	6	11	8	9	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	51	0	0	0	0	0	4	1	7	11	4	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	32	0	0	0	0	0	0	3	6	6	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	20	0	0	0	0	0	0	3	7	1	4	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	11	0	0	0	0	0	1	0	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	855	1	10	44	72	77	79	117	123	104	80	64	41	27	9	6	1	0	0	0	0	0	0	0	0	0	0	0	0
06-22	1001	1	10	46	73	77	85	129	148	129	109	85	61	31	10	6	1	0	0	0	0	0	0	0	0	0	0	0	0
06-00	1032	1	10	46	73	77	86	132	157	132	111	93	63	32	12	6	1	0	0	0	0	0	0	0	0	0	0	0	0
00-00	1054	1	10	46	73	77	88	134	158	134	115	95	69	33	13	7	1	0	0	0	0	0	0	0	0	0	0	0	0





		Site / Location: 2 / Level Crossing XC211 - Ballycoskey	Project No.: 945	Photo No.: 945-02	Drawn By: JF
		Survey Date: Monday 4th October 2010	Project Name: LEVEL CROSSINGS		
Survey Times: 00:00 to 00(24):00		Title:		Site Photograph	

Site No.	Location.	Direction.	Speed Limit (km/h)	Date.	Total Vehicles.	5 Day Ave.	7 Day Ave.	No. > Speed Limit.	% > Speed Limit.	No. > Speed Limit (+5km/h).	% > Speed Limit (+5km/h).	No. > Speed Limit (+10km/h).	% > Speed Limit (+10km/h).	Mean Speed	85%ile Speed
2	Level Crossing XC211 - Ballycoskey	North	80	Monday 04 October 2010	46	46	46	0	0.0	0	0.0	0	0.0	41.1	47.5
		South	80	Monday 04 October 2010	47	47	47	0	0.0	0	0.0	0	0.0	43.5	51.5
		North South	80	Monday 04 October 2010	93	93	93	0	0.0	0	0.0	0	0.0	42.3	49.7

Site

2

Location
Direction

Level Crossing XC211 - Ballycoskey
North

945 / Level Crossings
October 2010
Automatic Traffic Count

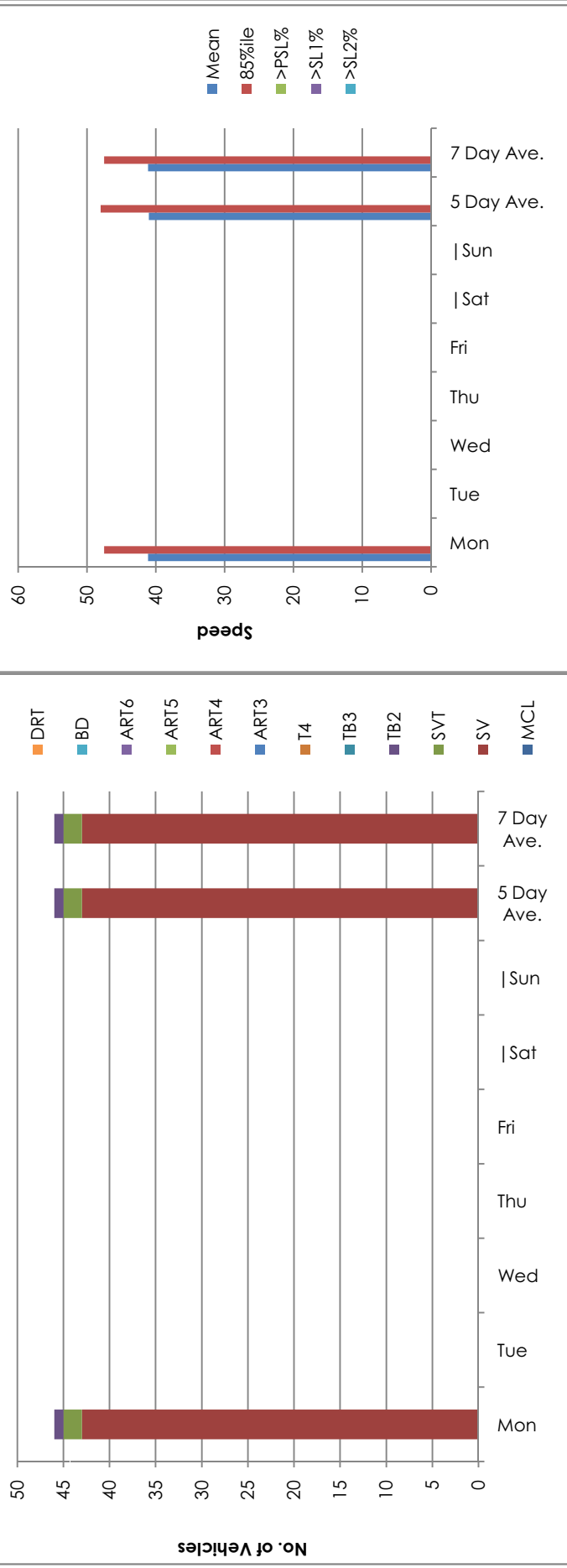
Monday 04 October 2010

Time	Total	Classification												>PSL 80	>PSL% 80	>SL1 85 +5kph	>SL1% 85 +5kph	>SL2 90 +10kph	>SL2% 90 +10kph	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
0900	9	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	38.1	-			
1000	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	47.3	-			
1100	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	34.9	-			
1200	5	0	4	0	1	0	0	0	0	0	0	0	0	0	0	0	43.7	-			
1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-			
1400	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	37.2	-			
1500	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	35.8	-			
1600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-			
1700	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	50.4	-			
1800	10	0	9	1	0	0	0	0	0	0	0	0	0	0	0	0	43.1	-			
1900	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	44	-			
2000	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	43.9	-			
2100	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	48.6	-			
2200	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	45.8	-			
2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
07-19	39	0	37	1	1	0	0	0	0	0	0	0	0	0	0	0	40.3	47.2			
06-22	44	0	41	2	1	0	0	0	0	0	0	0	0	0	0	0	40.9	47.5			
06-00	46	0	43	2	1	0	0	0	0	0	0	0	0	0	0	0	41.1	47.5			
00-00	46	0	43	2	1	0	0	0	0	0	0	0	0	0	0	0	41.1	47.5			

Virtual Week (1)

Time	Total	Classification											>PSL 80	>PSL% 80	>SL1 +5kph 85	>SL1% +5kph 85	>SL2 +10kph 90	>SL2% +10kph 90	Mean	Vpp
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD								
Mon	46	0	43	2	1	0	0	0	0	0	0	0	0	0	0	0	0	41.1	47.5	
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
5 Day Ave.	46	0	43	2	1	0	0	0	0	0	0	0	0	0	0	0.0	41.0	48.0		
7 Day Ave.	46	0	43	2	1	0	0	0	0	0	0	0	0	0	0	0.0	41.1	47.5		
Total	46	0	43	2	1	0	0	0	0	0	0	0	0	0	0	0.0	41.1	47.5		

Summary Graphs



Site

2

Location
Level Crossing XC211 - Ballycoskey

945 / Level Crossings
October 2010
Automatic Traffic Count

Direction
North

Monday 04 October 2010

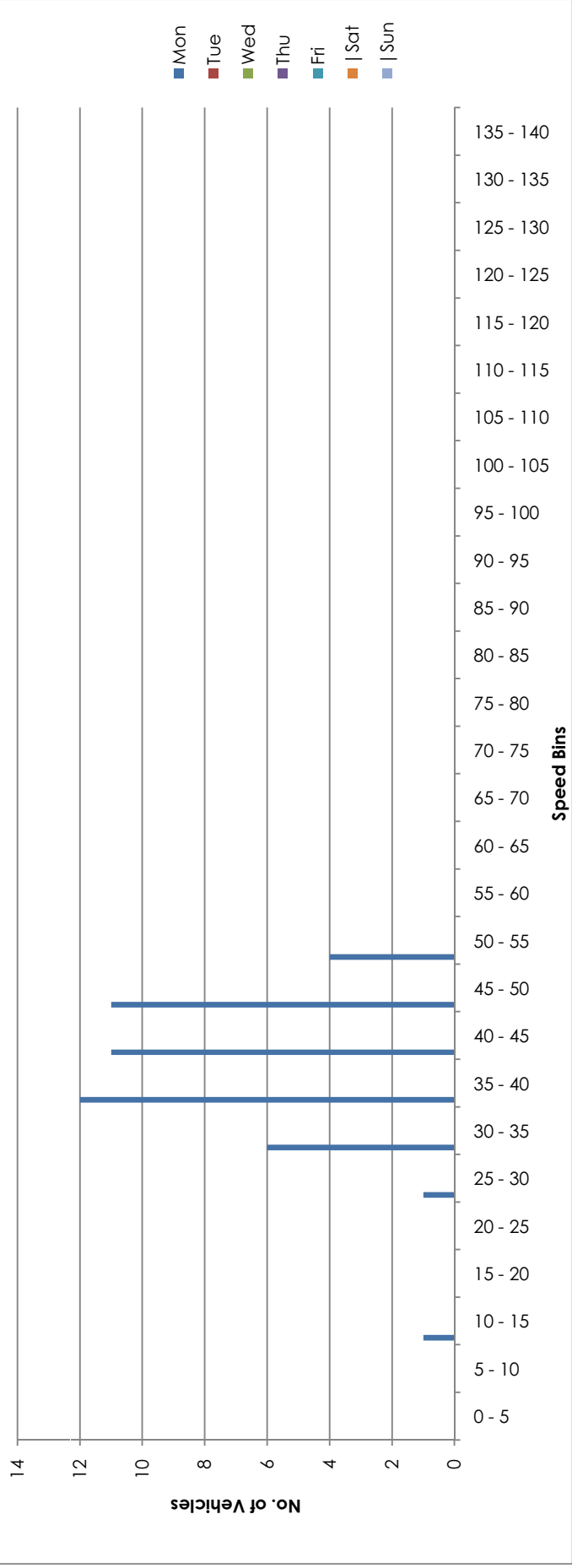
Time	Total	Speed Bins (km/h)																												
		0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900	9	0	0	0	0	1	2	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	2	0	0	0	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
1100	1	0	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
1200	5	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	4	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	7	0	0	1	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	10	0	0	0	0	0	1	3	1	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	1	0	0	0	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
2000	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	2	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	39	0	0	1	0	0	1	6	11	8	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-22	44	0	0	1	0	0	1	6	12	10	10	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-00	46	0	0	1	0	0	1	6	12	11	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00-00	46	0	0	1	0	0	1	6	12	11	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Virtual Week (1)

Time	Total	Speed Bins (km/h)																											
		0 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65	65 - 70	70 - 75	75 - 80	80 - 85	85 - 90	90 - 95	95 - 100	100 - 105	105 - 110	110 - 115	115 - 120	120 - 125	125 - 130	130 - 135	135 - 140
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140
Mon	46	0	0	1	0	0	0	1	6	12	11	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Day Ave.	46	0	0	1	0	0	1	6	12	12	11	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Day Ave.	46	0	0	1	0	0	1	6	12	12	11	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	46	0	0	1	0	0	1	6	12	12	11	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Summary Graphs



Site

2

Location
Level Crossing XC211 - Ballycoskey

Direction
South

945 / Level Crossings
October 2010
Automatic Traffic Count

Monday 04 October 2010

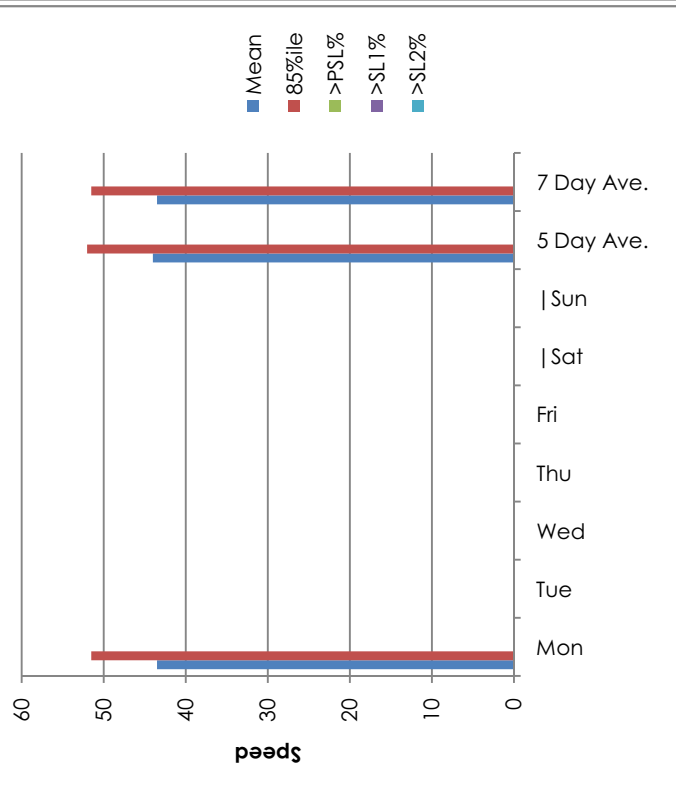
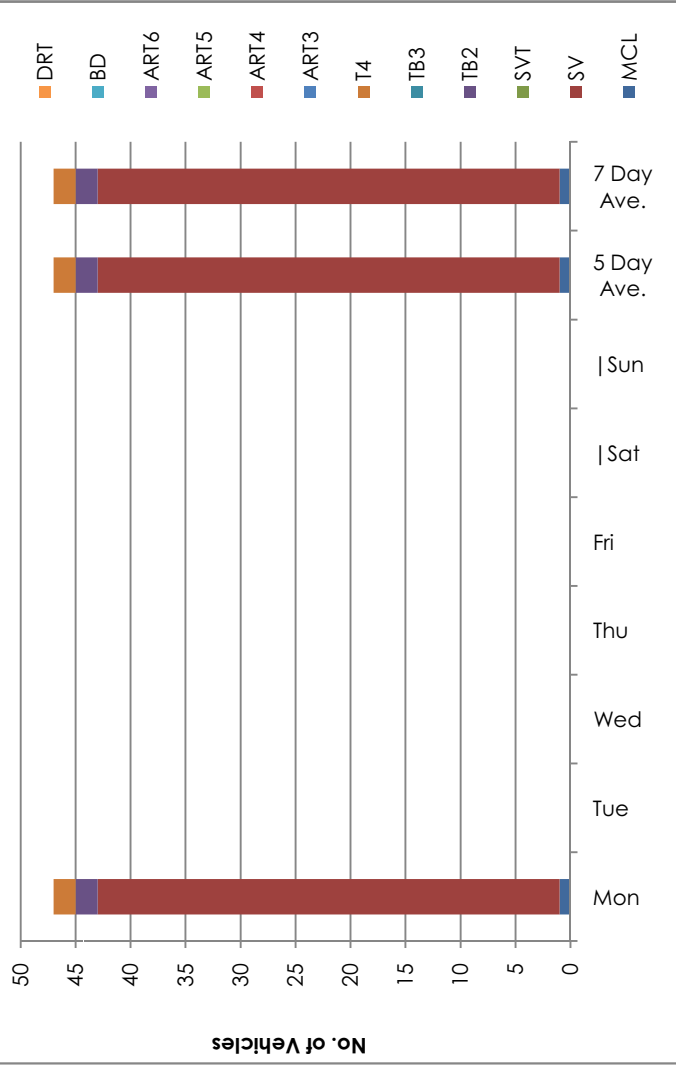
Time	Total	Classification										>PSL 80	>PSL% 80	>SL1 85 +5kph	>SL1% 85 +5kph	>SL2 90 +10kph	>SL2% 90 +10kph	Mean	Vpp 85	
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6									11 BD
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.4
0900	9	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41.4
1000	3	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	34.4
1100	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.9
1200	3	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45.4
1300	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43.7
1400	8	0	7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46.7
1500	2	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	45
1600	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43.3
1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
1800	6	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39.2
1900	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40.1
2000	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50
2100	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.1
2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	38	1	33	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	42.8
06-22	47	1	42	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	43.5
06-00	47	1	42	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	43.5
00-00	47	1	42	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	43.5



Virtual Week (1)

Time	Total	Classification												>PSL 80	>PSL% 80	>SL1 85 +5kph	>SL1% 85 +5kph	>SL2 90 +10kph	>SL2% 90 +10kph	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
Mon	47	1	42	0	2	0	0	0	0	0	0	0	0	0	0	0	0	43.5	51.5		
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
5 Day Ave.	47	1	42	0	2	0	0	0	0	0	2	0	0	0	0	0	0.0	44.0	52.0		
7 Day Ave.	47	1	42	0	2	0	0	0	0	0	2	0	0	0	0	0	0.0	43.5	51.5		
Total	47	1	42	0	2	0	0	0	0	0	2	0	0	0	0	0	0.0	43.5	51.5		

Summary Graphs



Site

2

Location
Level Crossing XC211 - Ballycoskey

945 / Level Crossings
October 2010
Automatic Traffic Count

Direction
South

Monday 04 October 2010

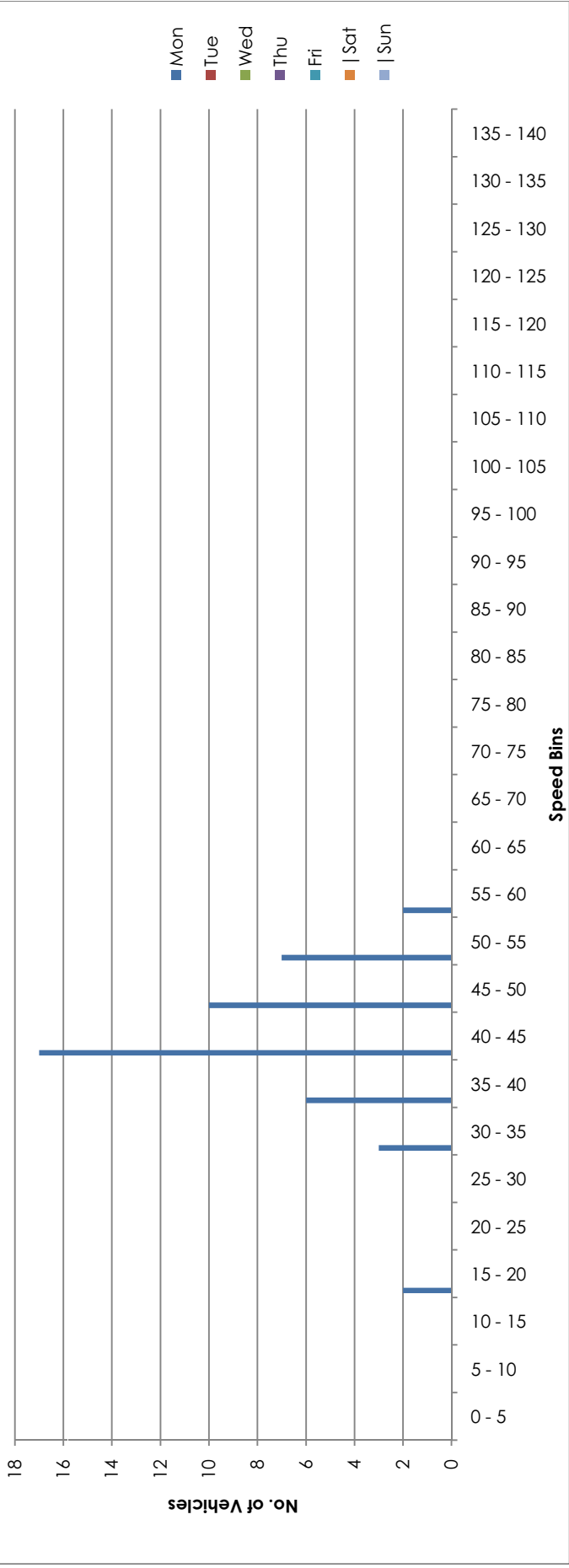
Time	Total	Speed Bins (km/h)																											
		0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900	9	0	0	0	0	0	1	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	3	0	0	1	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
1100	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	3	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	8	0	0	0	0	0	0	1	3	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	6	0	0	1	0	0	1	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	3	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	3	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	3	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	38	0	0	2	0	0	3	5	13	10	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-22	47	0	0	2	0	0	3	6	17	10	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-00	47	0	0	2	0	0	3	6	17	10	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00-00	47	0	0	2	0	0	3	6	17	10	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Virtual Week (1)

Time	Total	Speed Bins (km/h)																												
		0 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65	65 - 70	70 - 75	75 - 80	80 - 85	85 - 90	90 - 95	95 - 100	100 - 105	105 - 110	110 - 115	115 - 120	120 - 125	125 - 130	130 - 135	135 - 140	
Mon	47	0	0	0	2	0	0	3	6	17	10	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Day Ave.	47	0	0	2	0	0	3	6	17	10	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Day Ave.	47	0	0	2	0	0	3	6	17	10	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	47	0	0	2	0	0	3	6	17	10	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Summary Graphs



Site

2

Location
Level Crossing XC211 - Ballycoskey

Direction
North South

945 / Level Crossings
October 2010
Automatic Traffic Count

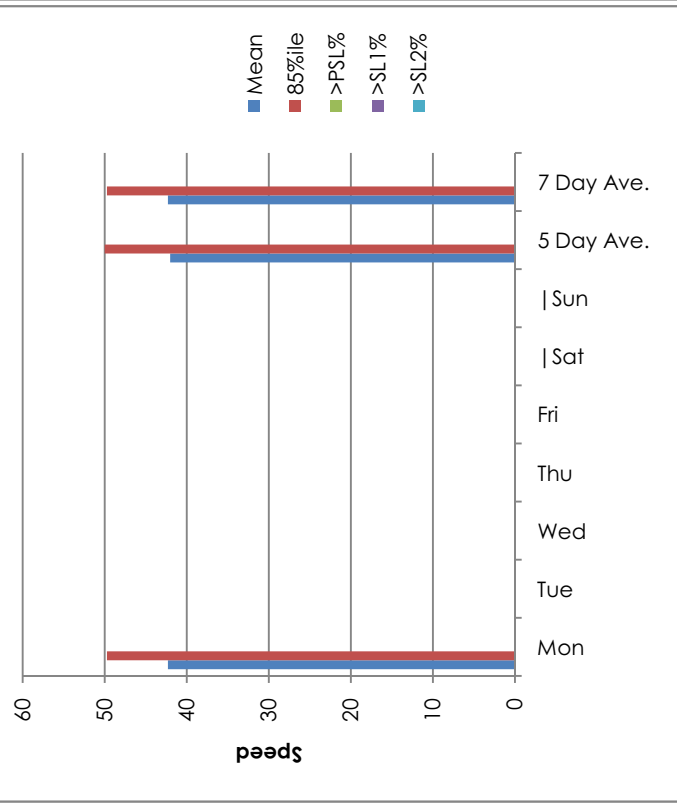
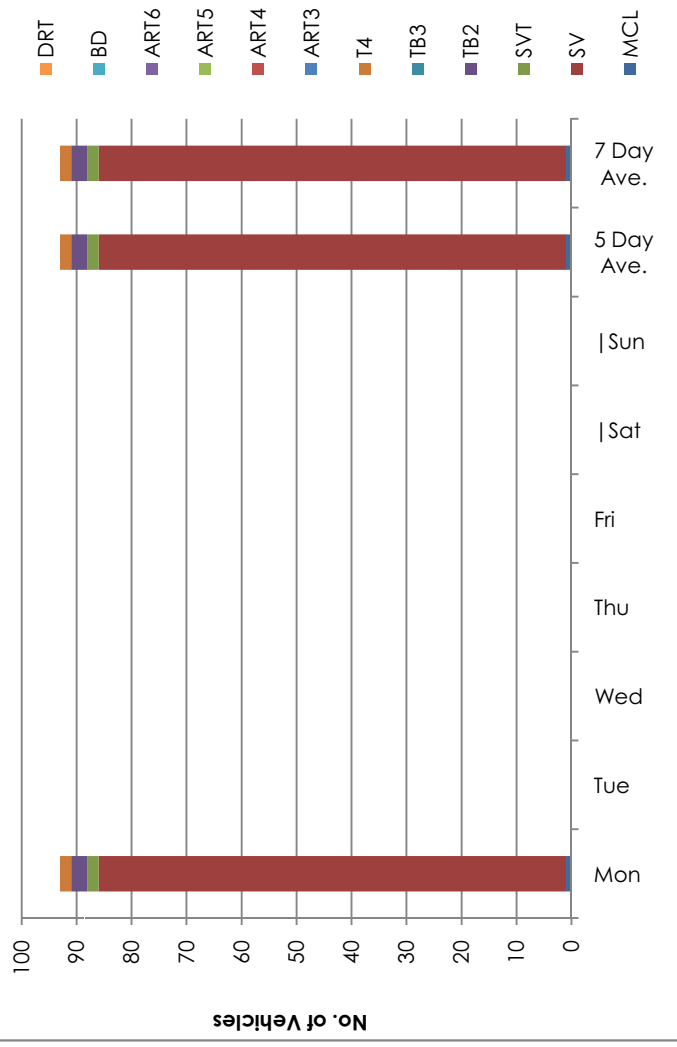
Monday 04 October 2010

Time	Total	Classification												>PSL 80	>PSL% 80	>SL1 85 +5kph	>SL1% 85 +5kph	>SL2 90 +10kph	>SL2% 90 +10kph	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0800	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.4		
0900	18	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39.7	45.7		
1000	5	0	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	39.6		
1100	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42.4		
1200	8	0	6	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	44.3		
1300	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43.7		
1400	12	0	11	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	43.5		
1500	9	0	8	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	37.9		
1600	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43.3		
1700	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50.4		
1800	16	1	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	41.7	47.2		
1900	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41.1		
2000	5	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47.6		
2100	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48.9		
2200	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45.8		
2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
07-19	77	1	70	1	3	0	0	0	0	2	0	0	0	0	0	0	0	41.5	48.6		
06-22	91	1	83	2	3	0	0	0	0	2	0	0	0	0	0	0	0	42.3	49.7		
06-00	93	1	85	2	3	0	0	0	0	2	0	0	0	0	0	0	0	42.3	49.7		
00-00	93	1	85	2	3	0	0	0	0	2	0	0	0	0	0	0	0	42.3	49.7		

Virtual Week (1)

Time	Total	Classification											>PSL 80	>PSL% 80	>SL1 85 +5kph	>SL1% 85 +5kph	>SL2 90 +10kph	>SL2% 90 +10kph	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD								
Mon	93	1	85	2	3	0	2	0	0	0	0	0	0	0	0	0	0	42.3	49.7	
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
5 Day Ave.	93	1	85	2	3	0	2	0	0	0	2	0	0	0	0	0	0.0	42.0	50.0	
7 Day Ave.	93	1	85	2	3	0	3	0	0	0	2	0	0	0	0	0	0.0	42.3	49.7	
Total	93	1	85	2	3	0	2	0	0	0	2	0	0	0	0	0	0.0	42.3	49.7	

Summary Graphs



Site

2

Location
Level Crossing XC211 - Ballycoskey

945 / Level Crossings
October 2010
Automatic Traffic Count

Direction
North South

Monday 04 October 2010

Time	Total	Speed Bins (km/h)																											
		0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900	18	0	0	0	0	1	3	6	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	5	0	0	0	1	0	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	8	0	0	0	0	0	0	1	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	12	0	0	0	0	0	1	3	4	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	9	0	0	1	0	0	1	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	16	0	0	0	1	0	2	3	2	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	4	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	5	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	5	0	0	0	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	77	0	0	1	2	0	1	9	16	21	19	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-22	91	0	0	1	2	0	1	9	18	27	20	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-00	93	0	0	1	2	0	1	9	18	28	21	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00-00	93	0	0	1	2	0	1	9	18	28	21	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

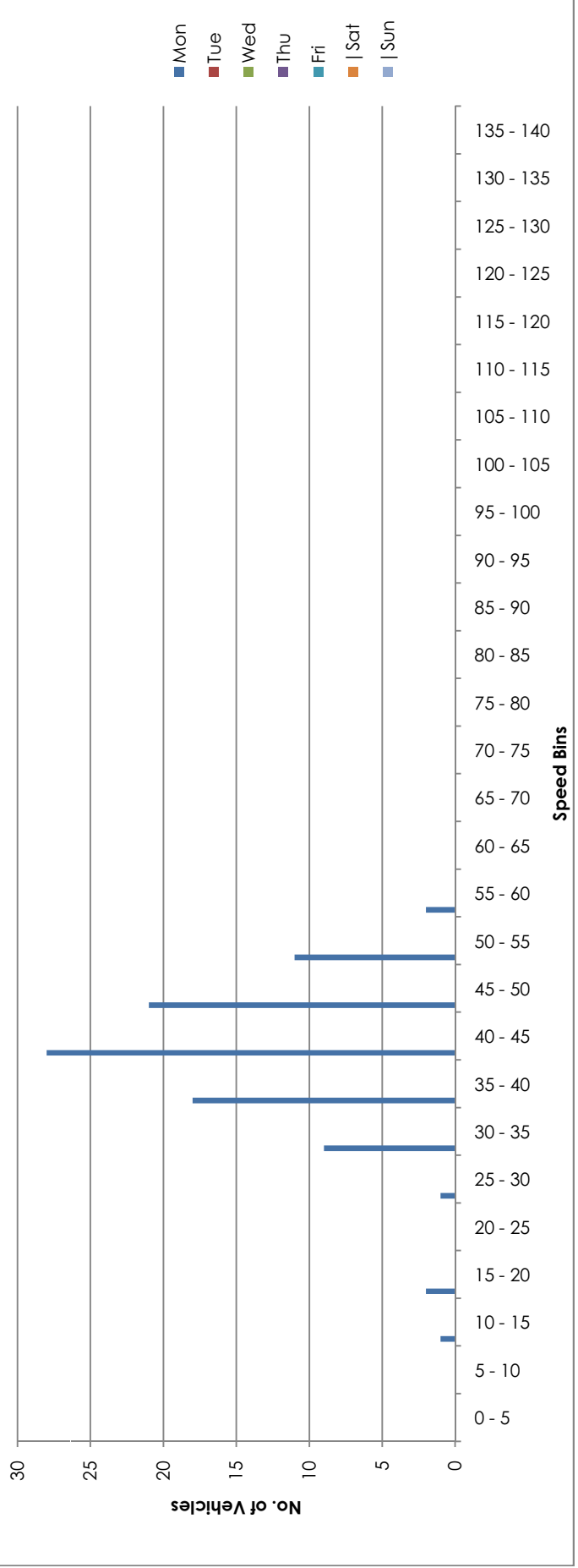


945 / Level Crossings
October 2010
Automatic Traffic Count

Site 2
Location Level Crossing XC211 - Ballycoskey
Direction North South

Virtual Week (1)


Time	Total	Speed Bins (km/h)																												
		0 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65	65 - 70	70 - 75	75 - 80	80 - 85	85 - 90	90 - 95	95 - 100	100 - 105	105 - 110	110 - 115	115 - 120	120 - 125	125 - 130	130 - 135	135 - 140	
Mon	93	0	0	1	2	0	1	9	18	28	21	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Day Ave.	93	0	0	1	2	0	1	9	18	28	21	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Day Ave.	93	0	0	1	2	0	1	9	18	28	21	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	93	0	0	1	2	0	1	9	18	28	21	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Summary Graphs





	Site / Location: 3 / Level Crossing XG159 - north of N6 (Mountain West)	Project No.: 945	Photo No.: 945-03	Drawn By: JF
	Survey Date: Monday 4th October 2010	Project Name: LEVEL CROSSINGS		
	Survey Times: 00:00 to 00(24):00	Title: Site Photograph		

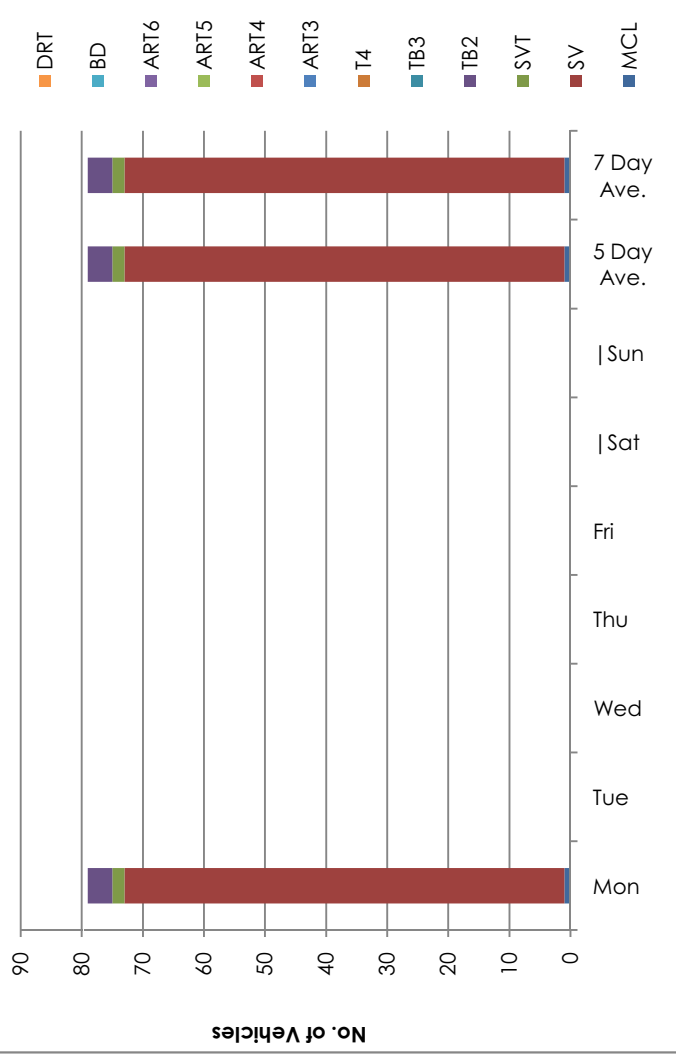
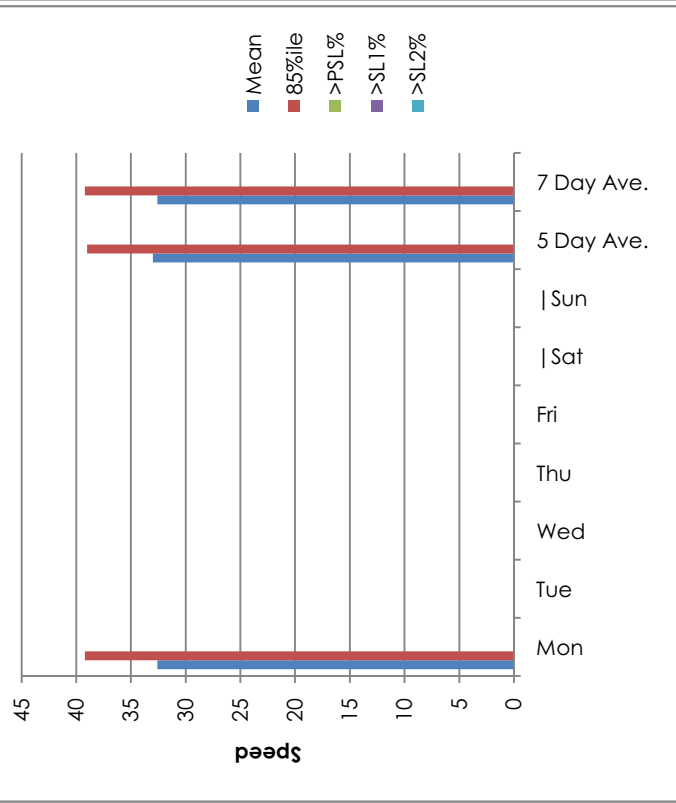
Site No.	Location.	Direction.	Speed Limit (km/h)	Date.	Total Vehicles.	5 Day Ave.	7 Day Ave.	No. > Speed Limit.	% > Speed Limit.	No. > Speed Limit (+5km/h).	% > Speed Limit (+5km/h).	No. > Speed Limit (+10km/h).	% > Speed Limit (+10km/h).	Mean Speed	85%ile Speed
3	Level Crossing XG159 - north of N6 (Mountain West)	North	80	Monday 04 October 2010	79	79	79	0	0.0	0	0.0	0	0.0	32.6	39.2
		South	80	Monday 04 October 2010	78	78	78	0	0.0	0	0.0	0	0.0	28.4	36.4
		North South	80	Monday 04 October 2010	157	157	157	0	0.0	0	0.0	0	0.0	30.5	37.8

Monday 04 October 2010

Time	Total	Classification										>PSL 80	>PSL% 80	>SL1 85 +5kph	>SL1% 85 +5kph	>SL2 90 +10kph	>SL2% 90 +10kph	Mean	Vpp 85	
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6									11 BD
0000	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38.6	-
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0700	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	-
0800	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41.7	-
0900	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33.2	-
1000	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17.1	-
1100	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30.2	-
1200	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34.9	-
1300	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.6	-
1400	7	0	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	33.9	-
1500	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29.4	-
1600	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35.1	-
1700	8	0	7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	32.2	-
1800	8	0	6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	31.3	-
1900	11	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	32.4
2000	6	0	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	34.7	-
2100	3	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34.1	-
2200	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34.9	-
2300	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46.4	-
07-19	54	0	50	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	32.8	40.7
06-22	74	1	67	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	32.3	39.2
06-00	78	1	71	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	32.5	39.2
00-00	79	1	72	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	32.6	39.2

Virtual Week (1)

Time	Total	Classification												Mean	Vpp	
		1	2	3	4	5	6	7	8	9	10	11	12			
		MCL	SV	SVT	TB2	TB3	T4	ART3	ART4	ART5	ART6	BD	DRT			
Mon	79	1	72	2	4	0	0	0	0	0	0	0	0	0	32.6	39.2
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
5 Day Ave.	79	1	72	2	4	0	0	0	0	0	0	0	0	0	33.0	39.0
7 Day Ave.	79	1	72	2	4	0	0	0	0	0	0	0	0	0	32.6	39.2
Total	79	1	72	2	4	0	0	0	0	0	0	0	0	0	32.6	39.2



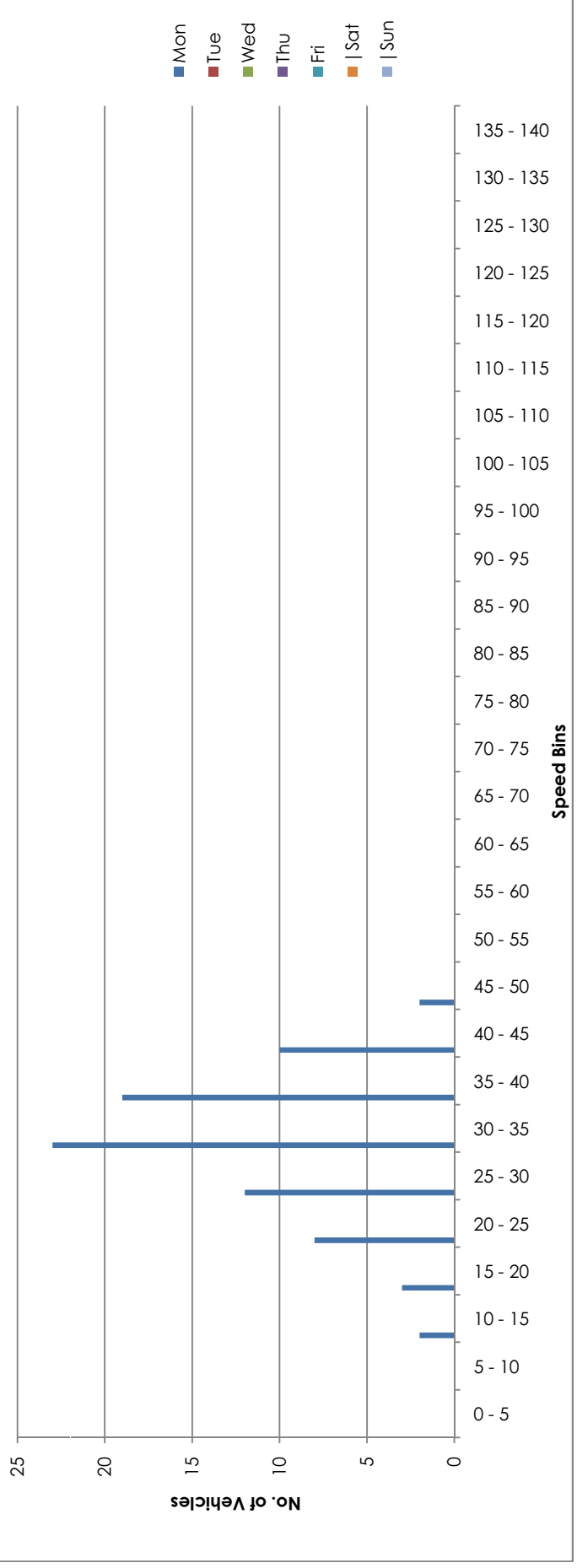
Summary Graphs

Monday 04 October 2010

Time	Total	Speed Bins (km/h)																											
		0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140
0000	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900	5	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	1	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	0
1100	2	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	0
1200	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	54	0	0	2	3	5	6	16	12	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-22	74	0	0	2	3	8	11	23	16	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-00	78	0	0	2	3	8	12	23	18	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00-00	79	0	0	2	3	8	12	23	19	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Virtual Week (1)

Time	Total	Speed Bins (km/h)																																
		0 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65	65 - 70	70 - 75	75 - 80	80 - 85	85 - 90	90 - 95	95 - 100	100 - 105	105 - 110	110 - 115	115 - 120	120 - 125	125 - 130	130 - 135	135 - 140					
Mon	79	0	0	2	3	8	12	23	19	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Day Ave.	79	0	0	2	3	8	12	23	19	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Day Ave.	79	0	0	2	3	8	12	23	19	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	79	0	0	2	3	8	12	23	19	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Summary Graphs

Site

3

Level Crossing XG159 - north of N6 (Mountain West)

945 / Level Crossings
October 2010
Automatic Traffic Count

Location
Direction

South

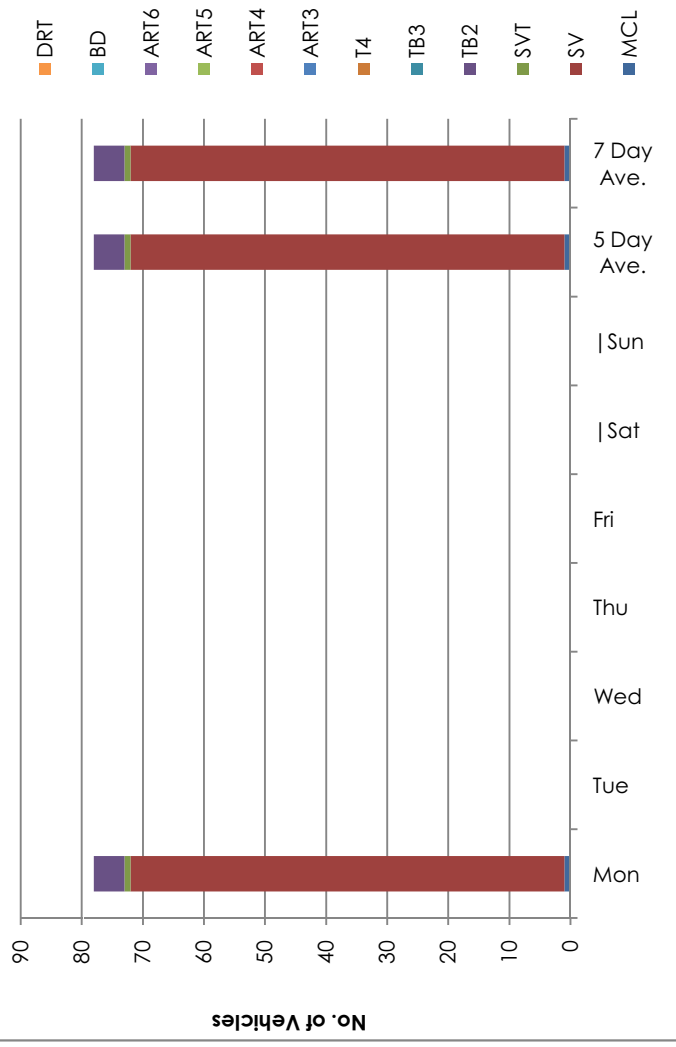
Monday 04 October 2010

Time	Total	Classification										>PSL 80	>PSL% 80	>SL1 85 +5kph	>SL1% 85 +5kph	>SL2 90 +10kph	>SL2% 90 +10kph	Mean	Vpp 85	
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6									11 BD
0000	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35.9	-
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0500	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17.7	-
0600	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36.3	-
0700	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35.1	-
0800	6	0	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	32.7	-
0900	6	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29.1	-
1000	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14.9	-
1100	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.7	-
1200	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.9	-
1300	6	0	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	30.9	-
1400	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27.3	-
1500	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16.7	-
1600	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37.1	-
1700	8	0	6	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	29	-
1800	10	0	9	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	26.5	-
1900	11	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.8	28.1
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
2100	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30.2	-
2200	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39.6	-
2300	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28.3	-
07-19	57	0	51	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	28.4	36
06-22	74	1	67	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	28.3	36.4
06-00	76	1	69	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	28.4	36.7
00-00	78	1	71	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	28.4	36.4

Virtual Week (1)

Time	Total	Classification											>PSL 80	>PSL% 80	>SL1 85 +5kph	>SL1% 85 +5kph	>SL2 90 +10kph	>SL2% 90 +10kph	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD								
Mon	78	1	71	1	5	0	0	0	0	0	0	0	0	0	0	0	0	28.4	36.4	
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
5 Day Ave.	78	1	71	1	5	0	0	0	0	0	0	0	0	0	0	0	0.0	28.0	36.0	
7 Day Ave.	78	1	71	1	5	0	0	0	0	0	0	0	0	0	0	0	0.0	28.4	36.4	
Total	78	1	71	1	5	0	0	0	0	0	0	0	0	0	0	0	0.0	28.4	36.4	

Summary Graphs



Site

3

Level Crossing XG159 - north of N6 (Mountain West)

945 / Level Crossings
October 2010
Automatic Traffic Count

Location
Direction

South

Monday 04 October 2010

Time	Total	Speed Bins (km/h)																										
		0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120	120-125	125-130	130-135
0000	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	1	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
0600	3	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	4	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800	6	0	0	0	1	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900	6	0	0	0	1	2	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	1	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	0
1100	3	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	4	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	6	0	0	0	0	1	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	6	0	0	1	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	2	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
1600	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700	8	0	0	0	1	1	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	10	0	0	0	2	2	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	11	0	0	0	2	3	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	3	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	1	0	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
07-19	57	1	0	2	7	9	12	11	13	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-22	74	1	0	2	10	12	17	14	15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-00	76	1	0	2	10	12	18	14	16	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00-00	78	1	0	2	11	12	18	14	17	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Site
Location
Direction

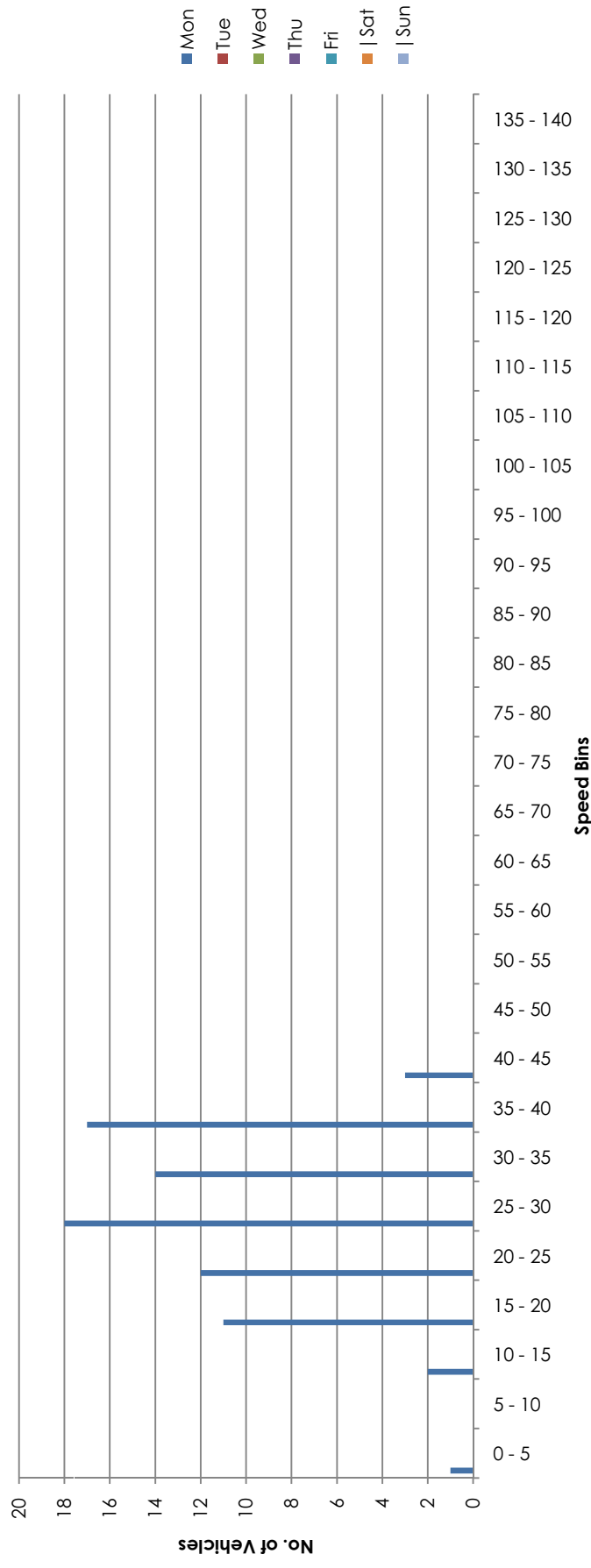
3
Level Crossing XG159 - north of N6 (Mountain West)
South

945 / Level Crossings
October 2010
Automatic Traffic Count

Virtual Week (1)

Time	Total	Speed Bins (km/h)																												
		0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	
Mon	78	1	0	2	11	12	18	14	17	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5 Day Ave.	78	1	0	2	11	12	18	14	17	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7 Day Ave.	78	1	0	2	11	12	18	14	17	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	78	1	0	2	11	12	18	14	17	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Summary Graphs



Nationwide Data Collection
for
Roughan and O'Donovan

Site

3

Level Crossing XG159 - north of N6 (Mountain West)
North South

945 / Level Crossings
October 2010
Automatic Traffic Count

Monday 04 October 2010

Time	Total	Classification										>PSL 80	>PSL% 80	>SL1 85 +5kph	>SL1% 85 +5kph	>SL2 90 +10kph	>SL2% 90 +10kph	Mean	Vpp 85	
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6									11 BD
0000	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37.2	-
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0500	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17.7	-
0600	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36.3	-
0700	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36.7	-
0800	10	0	9	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	36.3	-
0900	11	0	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	31	35.6	-
1000	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	-
1100	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27.5	-
1200	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29.2	-
1300	10	0	9	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	28.8	-
1400	13	0	12	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	30.9	37.4
1500	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.2	-
1600	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35.4	-
1700	16	0	13	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	30.6	37.1
1800	18	0	15	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	28.6	34.9
1900	22	2	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26.4	32.4	-
2000	6	0	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	34.7	-
2100	6	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32.2	-
2200	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36.1	-
2300	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37.4	-
07-19	111	0	101	2	8	0	0	0	0	0	0	0	0	0	0	0	0	30.5	37.4	-
06-22	148	2	134	3	9	0	0	0	0	0	0	0	0	0	0	0	0	30.3	37.4	-
06-00	154	2	140	3	9	0	0	0	0	0	0	0	0	0	0	0	0	30.5	37.8	-
00-00	157	2	143	3	9	0	0	0	0	0	0	0	0	0	0	0	0	30.5	37.8	-

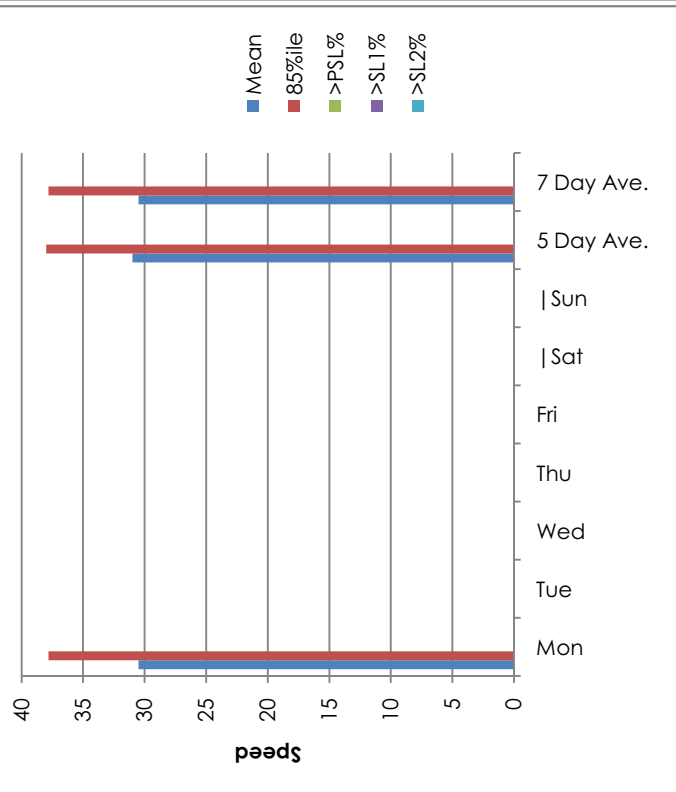
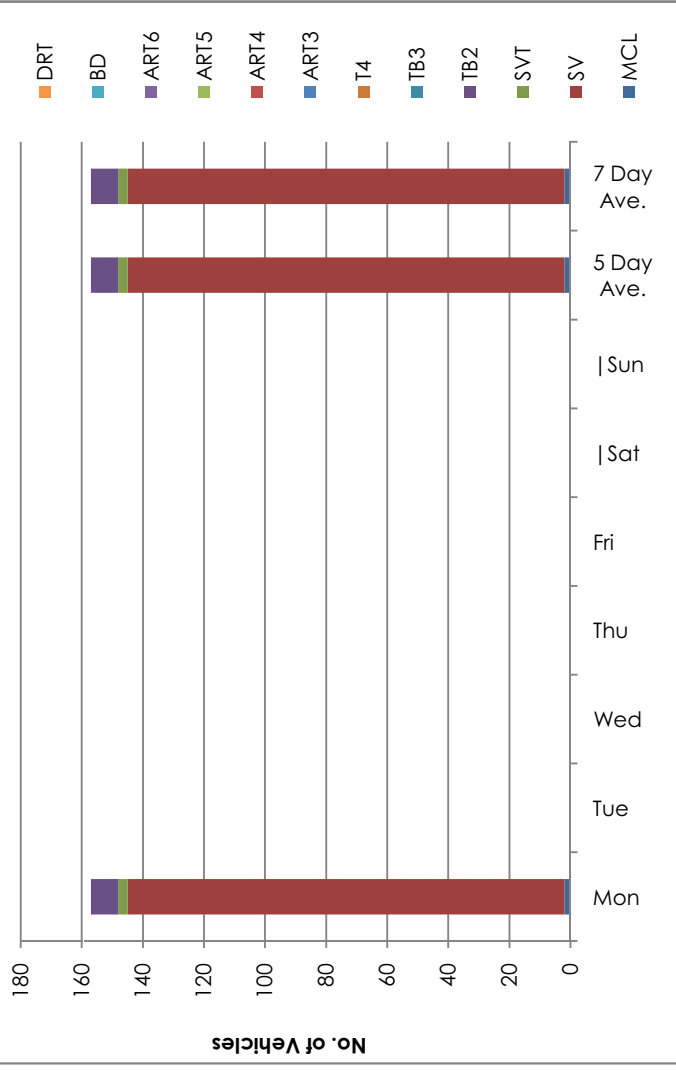


Nationwide Data Collection
for
Roughan and O'Donovan

Virtual Week (1)

Time	Total	Classification											>PSL 80	>PSL% 80	>SL1 85 +5kph	>SL1% 85 +5kph	>SL2 90 +10kph	>SL2% 90 +10kph	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD								
Mon	157	2	143	3	9	0	0	0	0	0	0	0	0	0	0	0	0	30.5	37.8	
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
5 Day Ave.	157	2	143	3	9	0	0	0	0	0	0	0	0	0	0	0	0	31.0	38.0	
7 Day Ave.	157	2	143	3	9	0	0	0	0	0	0	0	0	0	0	0	0	30.5	37.8	
Total	157	2	143	3	9	0	0	0	0	0	0	0	0	0	0	0	0	30.5	37.8	

Summary Graphs



Site

3

Level Crossing XG159 - north of N6 (Mountain West)
North South

945 / Level Crossings
October 2010
Automatic Traffic Count

Monday 04 October 2010

Time	Total	Speed Bins (km/h)																											
		0-5 5	5-10 10	10-15 15	15-20 20	20-25 25	25-30 30	30-35 35	35-40 40	40-45 45	45-50 50	50-55 55	55-60 60	60-65 65	65-70 70	70-75 75	75-80 80	80-85 85	85-90 90	90-95 95	95-100 100	100-105 105	105-110 110	110-115 115	115-120 120	120-125 125	125-130 130	130-135 135	135-140 140
0000	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	1	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	0	0
0600	3	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	5	0	0	0	0	0	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800	10	0	0	0	1	1	1	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900	11	0	0	1	2	1	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100	5	0	0	0	2	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	7	0	0	0	1	2	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	10	0	0	1	0	1	5	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	13	0	0	1	1	1	2	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	6	1	0	1	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600	8	0	0	0	0	0	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700	16	0	0	0	2	2	3	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	18	0	0	0	2	4	4	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	22	0	0	2	6	9	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	6	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	6	0	0	1	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	4	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	2	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	111	1	0	4	10	14	18	27	25	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-22	148	1	0	4	13	20	28	37	31	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-00	154	1	0	4	13	20	30	37	34	13	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00-00	157	1	0	4	14	20	30	37	36	13	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



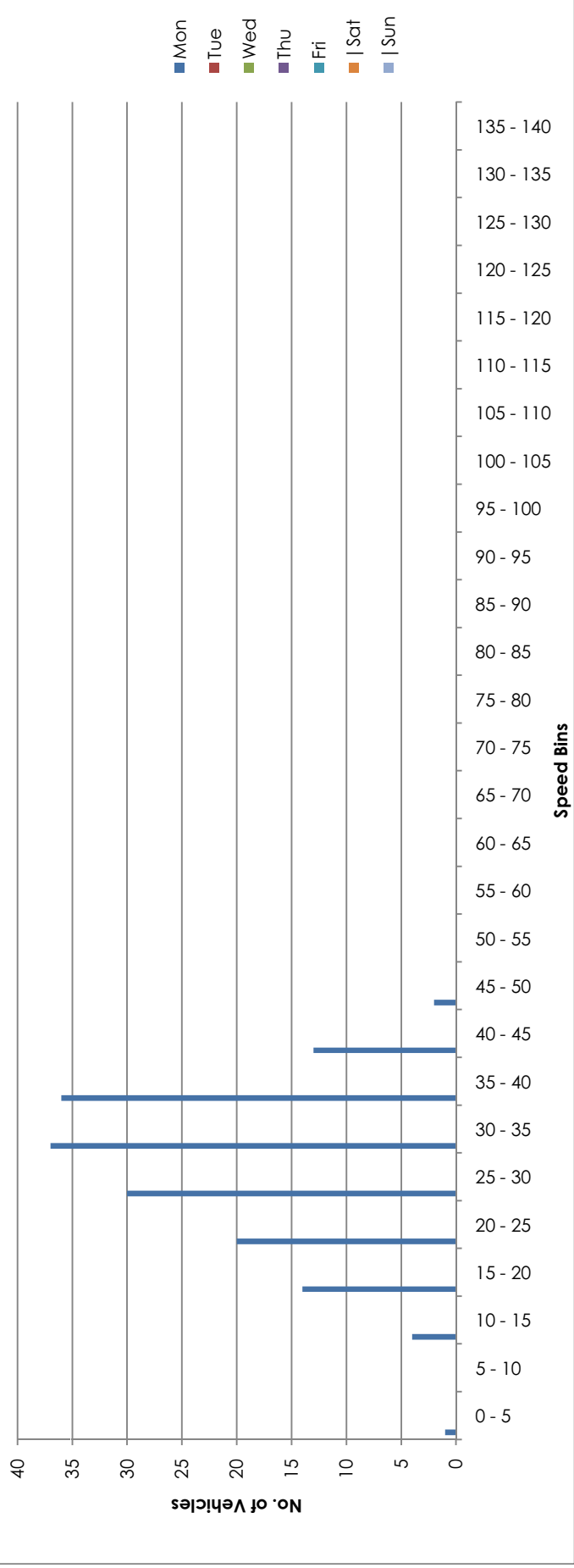
Site 3
 Location Level Crossing XG159 - north of N6 (Mountain West)
 Direction North South

945 / Level Crossings
 October 2010
 Automatic Traffic Count

Virtual Week (1)


Time	Total	Speed Bins (km/h)																											
		0 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65	65 - 70	70 - 75	75 - 80	80 - 85	85 - 90	90 - 95	95 - 100	100 - 105	105 - 110	110 - 115	115 - 120	120 - 125	125 - 130	130 - 135	135 - 140
Mon	157	1	0	4	14	20	30	37	36	13	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Day Ave.	157	1	0	4	14	20	30	37	36	13	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Day Ave.	157	1	0	4	14	20	30	37	36	13	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	157	1	0	4	14	20	30	37	36	13	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Summary Graphs



Nationwide Data Collection for Roughan and O'Donovan



	Site / Location: 4 / Level Crossing XS112 - Tawnation	Project No.: 945	Photo No.: 945-04	Drawn By: JF
	Survey Date: Monday 4th October 2010	Project Name: LEVEL CROSSINGS		
	Survey Times: 00:00 to 00(24):00	Title: Site Photograph		

Site No.	Location.	Direction.	Speed Limit (km/h)	Date.	Total Vehicles.	5 Day Ave.	7 Day Ave.	No. > Speed Limit.	% > Speed Limit.	No. > Speed Limit (+5km/h).	% > Speed Limit (+5km/h).	No. > Speed Limit (+10km/h).	% > Speed Limit (+10km/h).	Mean Speed	85%ile Speed
4	Level Crossing XS112 - Tawnalton	North-East	80	Monday 04 October 2010	2	2	2	0	0.0	0	0.0	0	0.0	30.3	-
		South-West	80	Monday 04 October 2010	6	6	6	0	0.0	0	0.0	0	0.0	21.6	-
		Two-Way	80	Monday 04 October 2010	8	8	8	0	0.0	0	0.0	0	0.0	23.8	-

Site

4

Level Crossing XS112 - Tawnalton
North-East

945 / Level Crossings
October 2010
Automatic Traffic Count

Monday 04 October 2010

Time	Total	Classification												>PSL 80	>PSL% 80	>SL1 85 +5kph	>SL1% 85 +5kph	>SL2 90 +10kph	>SL2% 90 +10kph	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0700	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	36.9		
0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1300	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	23.8		
1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
07-19	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	30.3		
06-22	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	30.3		
06-00	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	30.3		
00-00	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	30.3		

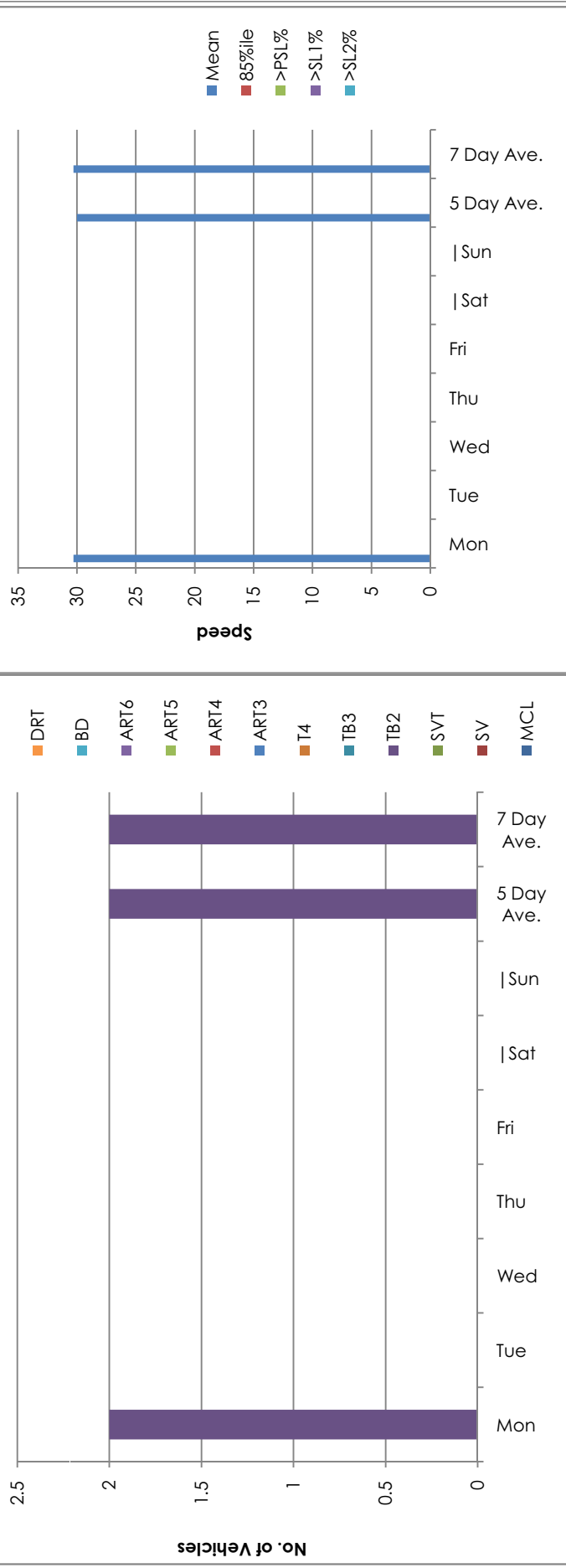


Nationwide Data Collection
for
Roughan and O'Donovan

Virtual Week (1)

Time	Total	Classification											>PSL 80	>PSL% 80	>SL1 85 +5kph	>SL1% 85 +5kph	>SL2 90 +10kph	>SL2% 90 +10kph	Mean	Vpp 85			
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD									12 DRT		
Mon	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30.3	-
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
5 Day Ave.	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.0	0	30.0	0.0
7 Day Ave.	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.0	0	30.3	-
Total	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.0	0	30.3	-

Summary Graphs



945 / Level Crossings
October 2010
Automatic Traffic Count

Site 4
Location Level Crossing XS112 - Tawnalton
Direction North-East

Monday 04 October 2010

Time	Total	Speed Bins (km/h)																											
		0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-22	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00-00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



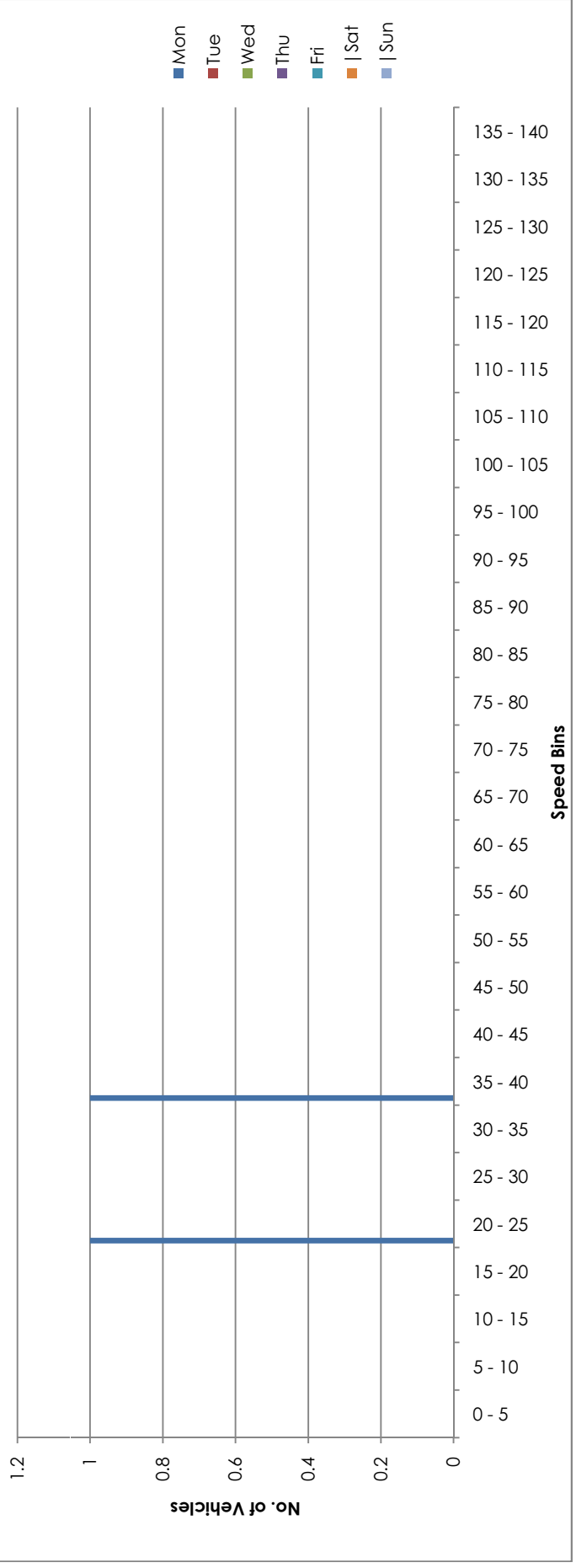
Site 4

Level Crossing XS112 - Tawnalton
North-East

945 / Level Crossings
October 2010
Automatic Traffic Count

Virtual Week (1)

Time	Total	Speed Bins (km/h)																											
		0 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65	65 - 70	70 - 75	75 - 80	80 - 85	85 - 90	90 - 95	95 - 100	100 - 105	105 - 110	110 - 115	115 - 120	120 - 125	125 - 130	130 - 135	135 - 140
Mon	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Day Ave.	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Day Ave.	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Summary Graphs

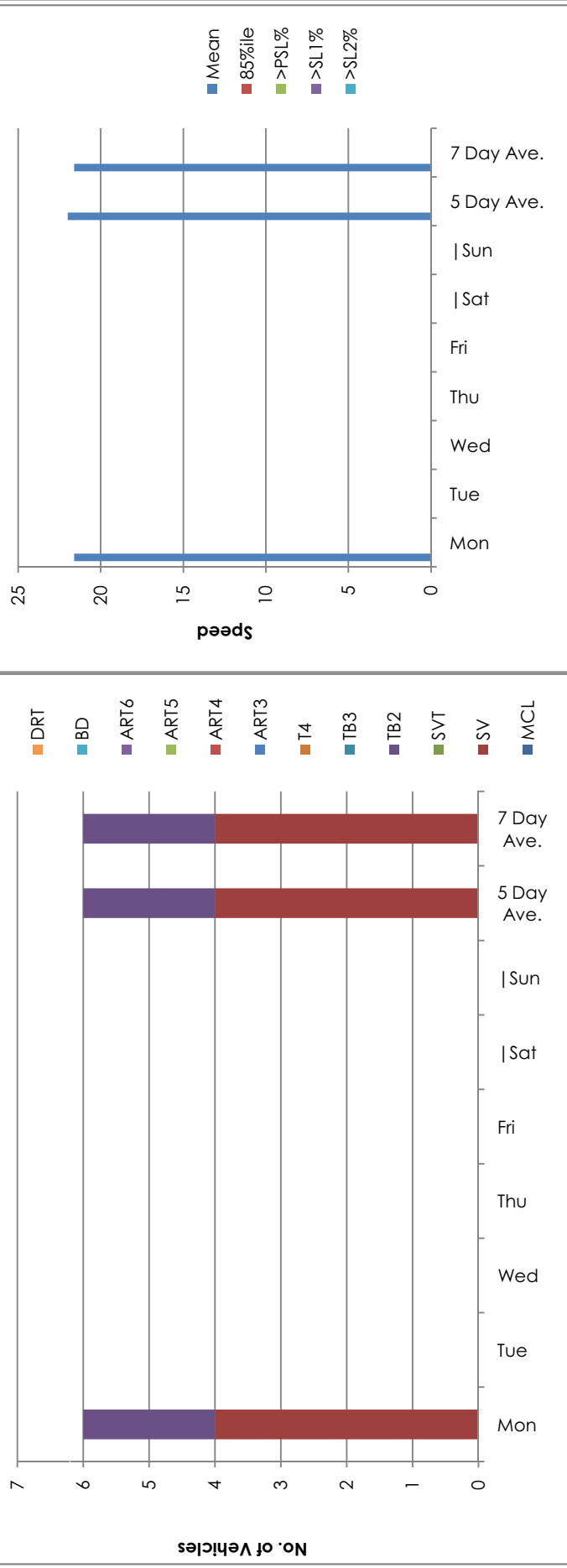


Nationwide Data Collection for Roughan and O'Donovan

Virtual Week (1)

Time	Total	Classification											>PSL 80	>PSL% 80	>SL1 85 +5kph	>SL1% 85 +5kph	>SL2 90 +10kph	>SL2% 90 +10kph	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD								
Mon	6	0	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	21.6	-	
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
5 Day Ave.	6	0	4	0	2	0	0	0	0	0	0	0	0	0	0	0	22.0	0.0		
7 Day Ave.	6	0	4	0	2	0	0	0	0	0	0	0	0	0	0	0	21.6	-		
Total	6	0	4	0	2	0	0	0	0	0	0	0	0	0	0	0	21.6	-		

Summary Graphs



945 / Level Crossings
October 2010
Automatic Traffic Count

Site 4
Location Level Crossing XS112 - Tawnalton
Direction South-West

Monday 04 October 2010

Time	Total	Speed Bins (km/h)																											
		0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	1	0	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
0800	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100	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
1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	1	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	0
1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600	1	0	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
1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	6	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-22	6	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-00	6	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00-00	6	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



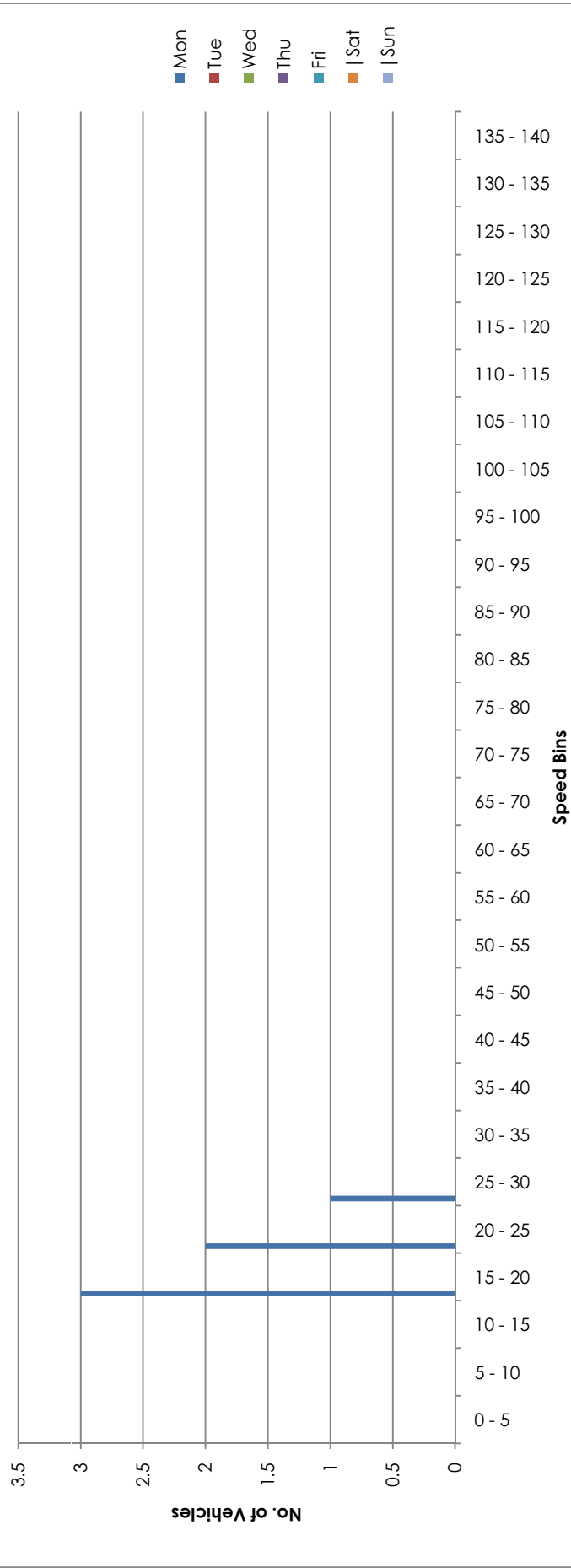
945 / Level Crossings
October 2010
Automatic Traffic Count

Site 4
Location Level Crossing XS112 - Tawnalton
Direction South-West

Virtual Week (1)

Time	Total	Speed Bins (km/h)																												
		0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	
Mon	6	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Day Ave.	6	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Day Ave.	6	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	6	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Summary Graphs



Site

4

Location
Level Crossing XS112 - Tawnalton

Direction
Two-Way

945 / Level Crossings
October 2010
Automatic Traffic Count

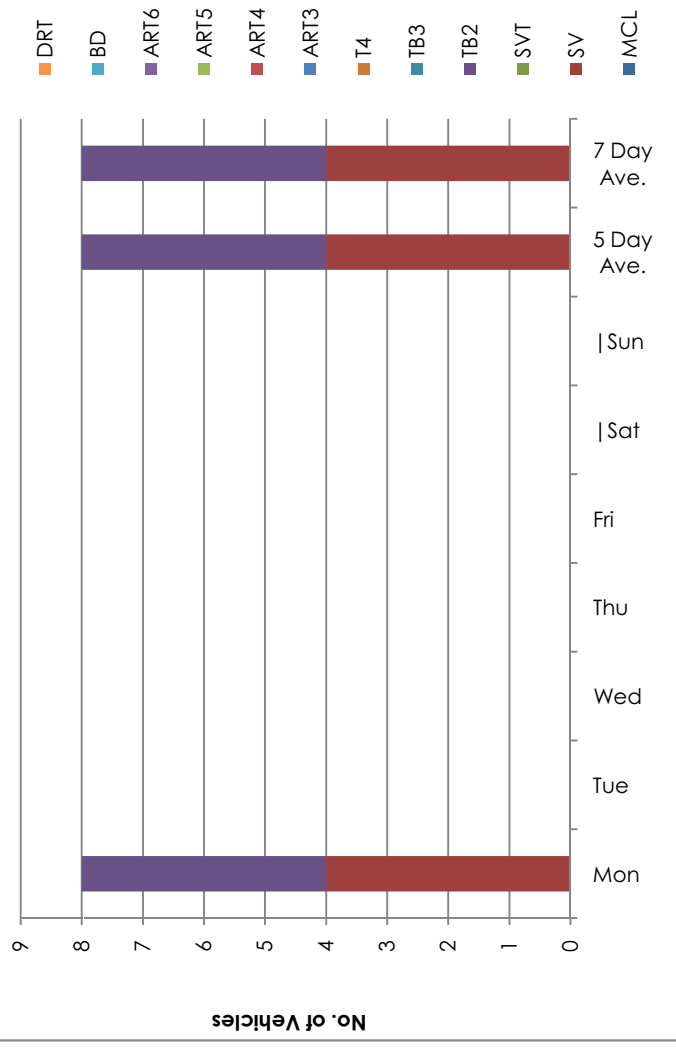
Monday 04 October 2010

Time	Total	Classification										>PSL 80	>PSL% 80	>SL1 85 +5kph	>SL1% 85 +5kph	>SL2 90 +10kph	>SL2% 90 +10kph	Mean	Vpp 85	
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6									11 BD
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0700	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	30.3	0	-
0800	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.2	0	-
0900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
1100	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18.3	0	-
1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
1300	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	21.8	0	-
1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
1600	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	27.5	0	-
1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	8	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	23.8	0	-
06-22	8	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	23.8	0	-
06-00	8	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	23.8	0	-
00-00	8	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	23.8	0	-

Virtual Week (1)

Time	Total	Classification											>PSL 80	>PSL% 80	>SL1 85 +5kph	>SL1% 85 +5kph	>SL2 90 +10kph	>SL2% 90 +10kph	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD								
Mon	8	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	23.8	-		
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
5 Day Ave.	8	0	4	0	4	0	0	0	0	0	0	0	0	0	0.0	24.0	0.0	0.0		
7 Day Ave.	8	0	4	0	4	0	0	0	0	0	0	0	0	0	0.0	23.8	0.0	0.0		
Total	8	0	4	0	4	0	0	0	0	0	0	0	0	0	0.0	23.8	0.0	0.0		

Summary Graphs



945 / Level Crossings
October 2010
Automatic Traffic Count

Site 4
Location Level Crossing XS112 - Tawnalton
Direction Two-Way

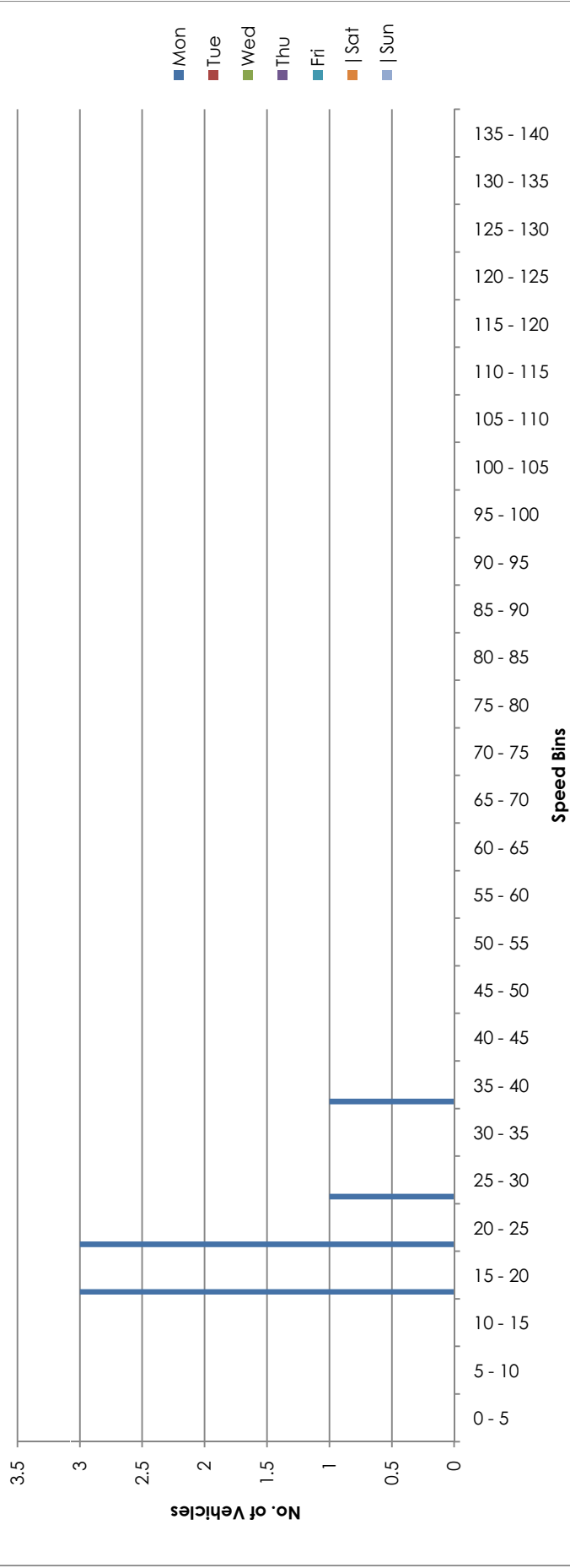
Monday 04 October 2010

Time	Total	Speed Bins (km/h)																											
		0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	2	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	0
0800	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100	1	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	0
1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600	1	0	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
1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	8	0	0	0	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-22	8	0	0	0	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-00	8	0	0	0	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00-00	8	0	0	0	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Virtual Week (1)

Time	Total	Speed Bins (km/h)																												
		0 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65	65 - 70	70 - 75	75 - 80	80 - 85	85 - 90	90 - 95	95 - 100	100 - 105	105 - 110	110 - 115	115 - 120	120 - 125	125 - 130	130 - 135	135 - 140	
Mon	8	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Day Ave.	8	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7 Day Ave.	8	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	8	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	



Summary Graphs



APPENDIX C

SURVEY RESULTS

PEDESTRIAN COUNTS



Site No. 1
 Location Level Crossing XC212 - east of N20
 Start Date Monday 04 October 2010

Time	EASTBOUND		Veh. Total	WESTBOUND		Veh. Total
	ADULTS	CHILDREN (<16)		ADULTS	CHILDREN (<16)	
00:00	0	0	0	0	0	0
00:15	0	0	0	0	0	0
00:30	0	0	0	0	0	0
00:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
01:00	0	0	0	0	0	0
01:15	0	0	0	0	0	0
01:30	0	0	0	0	0	0
01:45	2	0	2	0	0	0
Hour	2	0	2	0	0	0
02:00	0	0	0	0	0	0
02:15	0	0	0	0	0	0
02:30	0	0	0	0	0	0
02:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
03:00	0	0	0	0	0	0
03:15	0	0	0	0	0	0
03:30	0	0	0	0	0	0
03:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
04:00	0	0	0	0	0	0
04:15	0	0	0	0	0	0
04:30	0	0	0	0	0	0
04:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
05:00	0	0	0	0	0	0
05:15	0	0	0	0	0	0
05:30	0	0	0	0	0	0
05:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
06:00	0	0	0	0	0	0
06:15	0	0	0	0	0	0
06:30	0	0	0	0	0	0
06:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
07:00	0	0	0	0	0	0
07:15	0	0	0	0	0	0
07:30	0	0	0	0	0	0
07:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
08:00	0	0	0	0	0	0
08:15	0	0	0	0	0	0
08:30	0	0	0	0	0	0
08:45	0	1	1	0	0	0
Hour	0	1	1	0	0	0
09:00	1	12	13	1	0	1
09:15	1	4	5	0	0	0
09:30	0	3	3	1	0	1
09:45	1	0	1	0	0	0
Hour	3	19	22	2	0	2
10:00	0	0	0	1	0	1
10:15	0	0	0	0	0	0
10:30	1	1	2	0	0	0
10:45	0	0	0	0	0	0
Hour	1	1	2	1	0	1
11:00	0	0	0	0	0	0
11:15	0	0	0	0	0	0
11:30	0	0	0	0	0	0
11:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0



Site No. 1
 Location Level Crossing XC212 - east of N20
 Start Date Monday 04 October 2010

Time	EASTBOUND		Veh. Total	WESTBOUND		Veh. Total
	ADULTS	CHILDREN (<16)		ADULTS	CHILDREN (<16)	
12:00	0	0	0	0	0	0
12:15	0	0	0	0	0	0
12:30	1	1	2	1	0	1
12:45	0	0	0	0	0	0
Hour	1	1	2	1	0	1
13:00	1	0	1	0	0	0
13:15	1	0	1	0	0	0
13:30	1	0	1	1	0	1
13:45	0	0	0	1	0	1
Hour	3	0	3	2	0	2
14:00	0	0	0	2	0	2
14:15	2	3	5	0	0	0
14:30	1	0	1	0	0	0
14:45	0	0	0	0	0	0
Hour	3	3	6	2	0	2
15:00	3	11	14	2	0	2
15:15	0	0	0	0	0	0
15:30	0	0	0	0	0	0
15:45	0	0	0	0	0	0
Hour	3	11	14	2	0	2
16:00	2	7	9	0	0	0
16:15	0	0	0	1	0	1
16:30	0	0	0	1	0	1
16:45	0	2	2	1	0	1
Hour	2	9	11	3	0	3
17:00	2	0	2	1	1	2
17:15	0	0	0	0	0	0
17:30	2	0	2	1	0	1
17:45	0	0	0	0	0	0
Hour	4	0	4	2	1	3
18:00	0	0	0	0	0	0
18:15	1	0	1	0	0	0
18:30	0	0	0	0	0	0
18:45	0	0	0	1	0	1
Hour	1	0	1	1	0	1
19:00	0	0	0	0	0	0
19:15	0	0	0	0	0	0
19:30	0	0	0	0	0	0
19:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
20:00	0	0	0	0	0	0
20:15	0	0	0	0	0	0
20:30	0	0	0	0	0	0
20:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
21:00	0	0	0	0	0	0
21:15	0	0	0	0	0	0
21:30	0	0	0	0	0	0
21:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
22:00	0	0	0	0	0	0
22:15	0	0	0	0	0	0
22:30	0	0	0	0	0	0
22:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
23:00	0	0	0	0	0	0
23:15	0	0	0	0	0	0
23:30	0	0	0	0	0	0
23:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
Total	23	45	68	16	1	17

Site No. 2
 Location Level Crossing XC211 - Ballycoskey
 Start Date Monday 04 October 2010

Time	NORTHBOUND		Veh. Total	SOUTHBOUND		Veh. Total
	ADULTS	CHILDREN (<16)		ADULTS	CHILDREN (<16)	
00:00	0	0	0	0	0	0
00:15	0	0	0	0	0	0
00:30	0	0	0	0	0	0
00:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
01:00	0	0	0	0	0	0
01:15	0	0	0	0	0	0
01:30	0	0	0	0	0	0
01:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
02:00	0	0	0	0	0	0
02:15	0	0	0	0	0	0
02:30	0	0	0	0	0	0
02:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
03:00	0	0	0	0	0	0
03:15	0	0	0	0	0	0
03:30	0	0	0	0	0	0
03:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
04:00	0	0	0	0	0	0
04:15	0	0	0	0	0	0
04:30	0	0	0	0	0	0
04:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
05:00	0	0	0	0	0	0
05:15	0	0	0	0	0	0
05:30	0	0	0	0	0	0
05:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
06:00	0	0	0	0	0	0
06:15	0	0	0	0	0	0
06:30	0	0	0	0	0	0
06:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
07:00	0	0	0	0	0	0
07:15	0	0	0	0	0	0
07:30	0	0	0	0	0	0
07:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
08:00	0	0	0	0	0	0
08:15	0	0	0	0	0	0
08:30	0	0	0	0	0	0
08:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
09:00	0	0	0	0	0	0
09:15	0	0	0	0	0	0
09:30	0	0	0	1	0	1
09:45	0	0	0	0	0	0
Hour	0	0	0	1	0	1
10:00	0	0	0	0	0	0
10:15	0	0	0	0	0	0
10:30	0	0	0	0	0	0
10:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
11:00	0	0	0	0	0	0
11:15	0	0	0	0	0	0
11:30	1	0	1	0	0	0
11:45	0	0	0	0	0	0
Hour	1	0	1	0	0	0

Site No. 2
 Location Level Crossing XC211 - Ballycoskey
 Start Date Monday 04 October 2010

Time	NORTHBOUND		Veh. Total	SOUTHBOUND		Veh. Total
	ADULTS	CHILDREN (<16)		ADULTS	CHILDREN (<16)	
12:00	0	0	0	0	0	0
12:15	0	0	0	0	0	0
12:30	0	0	0	1	0	1
12:45	0	0	0	0	0	0
Hour	0	0	0	1	0	1
13:00	0	0	0	1	0	1
13:15	0	0	0	0	0	0
13:30	0	0	0	2	0	2
13:45	2	0	2	0	0	0
Hour	2	0	2	3	0	3
14:00	1	0	1	0	0	0
14:15	0	0	0	0	0	0
14:30	0	0	0	0	0	0
14:45	0	0	0	0	0	0
Hour	1	0	1	0	0	0
15:00	0	0	0	0	0	0
15:15	0	0	0	0	0	0
15:30	0	0	0	0	0	0
15:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
16:00	0	0	0	0	0	0
16:15	0	0	0	0	0	0
16:30	0	0	0	0	0	0
16:45	0	0	0	1	0	1
Hour	0	0	0	1	0	1
17:00	0	0	0	0	0	0
17:15	0	0	0	0	0	0
17:30	0	0	0	0	0	0
17:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
18:00	0	0	0	0	0	0
18:15	1	0	1	0	0	0
18:30	0	0	0	0	0	0
18:45	1	0	1	0	0	0
Hour	2	0	2	0	0	0
19:00	1	0	1	0	0	0
19:15	0	0	0	0	0	0
19:30	0	0	0	0	0	0
19:45	0	0	0	0	0	0
Hour	1	0	1	0	0	0
20:00	0	0	0	3	0	3
20:15	0	0	0	0	0	0
20:30	0	0	0	0	0	0
20:45	0	0	0	0	0	0
Hour	0	0	0	3	0	3
21:00	0	0	0	0	0	0
21:15	0	0	0	0	0	0
21:30	0	0	0	0	0	0
21:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
22:00	0	0	0	0	0	0
22:15	0	0	0	0	0	0
22:30	0	0	0	0	0	0
22:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
23:00	0	0	0	0	0	0
23:15	0	0	0	0	0	0
23:30	0	0	0	0	0	0
23:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
Total	7	0	7	9	0	9



Site No. 3
 Location Level Crossing XG159 - north of N6 (Mountain West)
 Start Date Monday 04 October 2010

Time	NORTHBOUND		Veh. Total	SOUTHBOUND		Veh. Total
	ADULTS	CHILDREN (<16)		ADULTS	CHILDREN (<16)	
00:00	0	0	0	0	0	0
00:15	0	0	0	0	0	0
00:30	0	0	0	0	0	0
00:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
01:00	0	0	0	0	0	0
01:15	0	0	0	0	0	0
01:30	0	0	0	0	0	0
01:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
02:00	0	0	0	0	0	0
02:15	0	0	0	0	0	0
02:30	0	0	0	0	0	0
02:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
03:00	0	0	0	0	0	0
03:15	0	0	0	0	0	0
03:30	0	0	0	0	0	0
03:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
04:00	0	0	0	0	0	0
04:15	0	0	0	0	0	0
04:30	0	0	0	0	0	0
04:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
05:00	0	0	0	0	0	0
05:15	0	0	0	0	0	0
05:30	0	0	0	0	0	0
05:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
06:00	0	0	0	0	0	0
06:15	0	0	0	0	0	0
06:30	0	0	0	0	0	0
06:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
07:00	0	0	0	0	0	0
07:15	0	0	0	0	0	0
07:30	0	0	0	0	0	0
07:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
08:00	0	0	0	0	0	0
08:15	0	0	0	0	0	0
08:30	0	0	0	0	0	0
08:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
09:00	1	0	1	0	0	0
09:15	0	0	0	0	0	0
09:30	0	0	0	0	0	0
09:45	1	0	1	1	3	4
Hour	2	0	2	1	3	4
10:00	0	0	0	0	0	0
10:15	0	0	0	0	0	0
10:30	0	0	0	0	0	0
10:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
11:00	0	0	0	0	0	0
11:15	1	0	1	0	0	0
11:30	0	0	0	0	0	0
11:45	0	0	0	0	0	0
Hour	1	0	1	0	0	0

Site No. 3
 Location Level Crossing XG159 - north of N6 (Mountain West)
 Start Date Monday 04 October 2010

Time	NORTHBOUND		Veh. Total	SOUTHBOUND		Veh. Total
	ADULTS	CHILDREN (<16)		ADULTS	CHILDREN (<16)	
12:00	0	0	0	0	0	0
12:15	0	0	0	1	0	1
12:30	0	0	0	0	0	0
12:45	0	0	0	0	0	0
Hour	0	0	0	1	0	1
13:00	0	0	0	0	0	0
13:15	0	0	0	0	0	0
13:30	0	0	0	0	0	0
13:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
14:00	0	0	0	0	0	0
14:15	0	0	0	0	0	0
14:30	0	0	0	0	0	0
14:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
15:00	0	0	0	0	0	0
15:15	0	0	0	0	0	0
15:30	0	0	0	0	0	0
15:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
16:00	0	0	0	0	0	0
16:15	0	0	0	0	0	0
16:30	0	0	0	0	0	0
16:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
17:00	0	0	0	0	0	0
17:15	0	0	0	0	0	0
17:30	0	0	0	0	0	0
17:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
18:00	0	0	0	0	0	0
18:15	0	0	0	0	0	0
18:30	2	0	2	0	0	0
18:45	0	0	0	2	0	2
Hour	2	0	2	2	0	2
19:00	2	0	2	0	0	0
19:15	3	0	3	0	0	0
19:30	0	0	0	0	0	0
19:45	0	0	0	0	0	0
Hour	5	0	5	0	0	0
20:00	0	0	0	0	0	0
20:15	0	0	0	0	0	0
20:30	0	0	0	0	0	0
20:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
21:00	0	0	0	0	0	0
21:15	0	0	0	0	0	0
21:30	0	0	0	0	0	0
21:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
22:00	0	0	0	0	0	0
22:15	0	0	0	0	0	0
22:30	0	0	0	0	0	0
22:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
23:00	0	0	0	0	0	0
23:15	0	0	0	0	0	0
23:30	0	0	0	0	0	0
23:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
Total	10	0	10	4	3	7

Site No. 4
 Location Level Crossing XS112 - Tawnalion
 Start Date Monday 04 October 2010

Time	NORTH-EASTBOUND		Veh. Total	SOUTH-WESTBOUND		Veh. Total
	ADULTS	CHILDREN (<16)		ADULTS	CHILDREN (<16)	
00:00	0	0	0	0	0	0
00:15	0	0	0	0	0	0
00:30	0	0	0	0	0	0
00:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
01:00	0	0	0	0	0	0
01:15	0	0	0	0	0	0
01:30	0	0	0	0	0	0
01:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
02:00	0	0	0	0	0	0
02:15	0	0	0	0	0	0
02:30	0	0	0	0	0	0
02:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
03:00	0	0	0	0	0	0
03:15	0	0	0	0	0	0
03:30	0	0	0	0	0	0
03:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
04:00	0	0	0	0	0	0
04:15	0	0	0	0	0	0
04:30	0	0	0	0	0	0
04:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
05:00	0	0	0	0	0	0
05:15	0	0	0	0	0	0
05:30	0	0	0	0	0	0
05:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
06:00	0	0	0	0	0	0
06:15	0	0	0	0	0	0
06:30	0	0	0	0	0	0
06:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
07:00	0	0	0	0	0	0
07:15	0	0	0	0	0	0
07:30	0	0	0	0	0	0
07:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
08:00	0	0	0	0	0	0
08:15	0	0	0	0	0	0
08:30	0	0	0	0	0	0
08:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
09:00	0	0	0	0	0	0
09:15	0	0	0	0	0	0
09:30	0	0	0	0	0	0
09:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
10:00	0	0	0	0	0	0
10:15	0	0	0	0	0	0
10:30	0	0	0	0	0	0
10:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
11:00	0	0	0	0	0	0
11:15	0	0	0	0	0	0
11:30	0	0	0	0	0	0
11:45	0	0	0	2	0	2
Hour	0	0	0	2	0	2

Site No. 4
Location Level Crossing XS112 - Tawnalion
Start Date Monday 04 October 2010

Time	NORTH-EASTBOUND		Veh. Total	SOUTH-WESTBOUND		Veh. Total
	ADULTS	CHILDREN (<16)		ADULTS	CHILDREN (<16)	
12:00	0	0	0	0	0	0
12:15	0	0	0	0	0	0
12:30	0	0	0	0	0	0
12:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
13:00	0	0	0	0	0	0
13:15	0	0	0	0	0	0
13:30	0	0	0	0	0	0
13:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
14:00	0	0	0	0	0	0
14:15	0	0	0	0	0	0
14:30	0	0	0	0	0	0
14:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
15:00	0	0	0	0	0	0
15:15	0	0	0	0	0	0
15:30	0	0	0	0	0	0
15:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
16:00	0	0	0	0	0	0
16:15	0	0	0	0	0	0
16:30	0	0	0	0	0	0
16:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
17:00	0	0	0	0	0	0
17:15	0	0	0	0	0	0
17:30	0	0	0	0	0	0
17:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
18:00	0	0	0	0	0	0
18:15	0	0	0	0	0	0
18:30	0	0	0	0	0	0
18:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
19:00	0	0	0	0	0	0
19:15	0	0	0	0	0	0
19:30	0	0	0	0	0	0
19:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
20:00	0	0	0	0	0	0
20:15	0	0	0	0	0	0
20:30	0	0	0	0	0	0
20:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
21:00	0	0	0	0	0	0
21:15	0	0	0	0	0	0
21:30	0	0	0	0	0	0
21:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
22:00	0	0	0	0	0	0
22:15	0	0	0	0	0	0
22:30	0	0	0	0	0	0
22:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
23:00	0	0	0	0	0	0
23:15	0	0	0	0	0	0
23:30	0	0	0	0	0	0
23:45	0	0	0	0	0	0
Hour	0	0	0	0	0	0
Total	0	0	0	2	0	2