

-----Original Message-----

From: Evans, Bruce
Sent: 05 March 2014 16:55
To: Mullineux, Philip
Cc: Davies, Dave
Subject: FW: Road data

Hi Phil,

From the site meeting, the concern relates to westbound direction for the nearside approaching the site.

The 85%tile speed ranges from 54 - 48.5mph, therefore, 50mph is taken for visibility splays.

Further to the data submission as attached, the 85%tile speed west bound is 50 mph which would require a minimum of 2.5m x distance with a 112m y distance.

This is not achievable from the existing site access, to achieve this, hedgerow to the east of the existing access is required.

Hope this helps,

Regards

Bruce

Bruce Evans
Engineering Manager
Highways and Transportation
Herefordshire Council
P.O. Box 236
Plough Lane,
Hereford
HR4 0WZ

Tel 01432 260970

E-mail bje@herefordshire.gov.uk

-----Original Message-----

From: Mullineux, Philip
Sent: 05 March 2014 13:34
To: Evans, Bruce
Subject: FW: Road data

Bruce as requested.

PM

-----Original Message-----

From: [REDACTED]
Sent: 05 March 2014 12:57
To: Mullineux, Philip
Subject: Road data

Dear Mr Mullineux,

Road data attached.

Regards,

Richard

Lyonshall ATC, A44 (East)

Produced by PCC Traffic Information Consultancy Ltd.

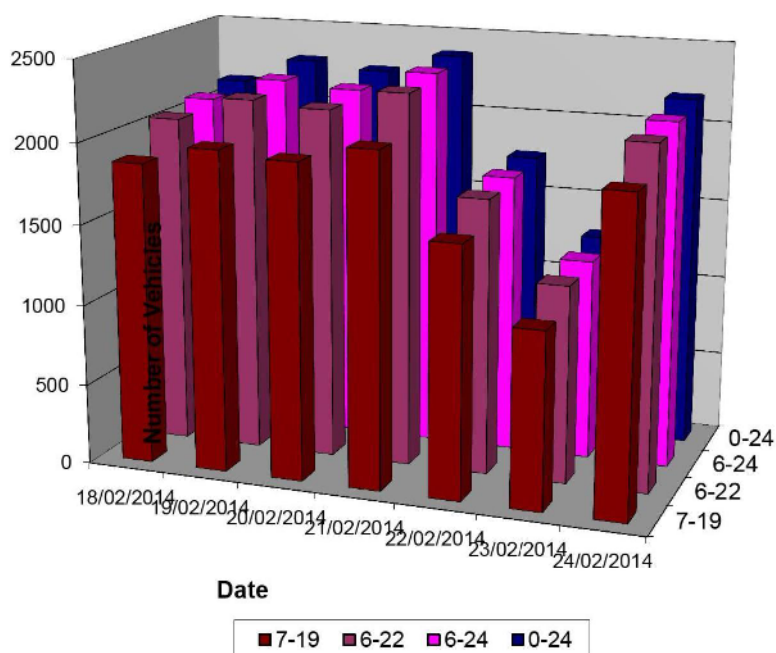
Channel 1 - Westbound

Vehicle Flow

Week 1

Hr Ending	18/02/2014 Tuesday	19/02/2014 Wednesday	20/02/2014 Thursday	21/02/2014 Friday	22/02/2014 Saturday	23/02/2014 Sunday	24/02/2014 Monday	5 Day Ave	7 Day Ave
1	4	6	3	6	2	8	5	5	5
2	4	5	9	2	6	2	5	5	5
3	3	5	0	4	3	3	5	3	3
4	0	2	4	0	4	5	0	1	2
5	8	9	6	4	2	4	6	7	6
6	19	21	18	14	7	7	27	20	16
7	28	35	27	30	17	4	26	29	24
8	109	99	114	103	36	24	117	108	86
9	172	175	135	163	93	44	163	162	135
10	137	130	173	159	123	56	142	148	131
11	145	180	168	162	178	122	140	159	156
12	138	179	152	160	151	93	146	155	146
13	154	158	154	180	170	107	141	157	152
14	136	169	148	151	170	112	165	154	150
15	175	158	175	194	146	121	165	173	162
16	169	173	176	161	130	115	173	170	157
17	193	202	193	240	143	115	203	206	184
18	218	226	215	231	125	103	233	225	193
19	125	140	150	156	88	79	142	143	126
20	87	97	91	116	64	63	70	92	84
21	39	41	47	57	43	36	54	48	45
22	25	38	53	38	26	29	28	36	34
23	28	22	29	28	11	14	21	26	22
24	13	18	8	12	15	9	10	12	12
7-19	1871	1989	1953	2060	1553	1091	1930	1961	1778
6-22	2050	2200	2171	2301	1703	1223	2108	2166	1965
6-24	2091	2240	2208	2341	1729	1246	2139	2204	1999
0-24	2129	2288	2248	2371	1753	1275	2187	2245	2036

Vehicle Flow (Channel 1)



Lyonshall ATC, A44 (East)

Produced by PCC Traffic Information Consultancy Ltd.

Channel 1 - Westbound

Average Speed

Week 1

Hr Ending	18/02/2014 Tuesday	19/02/2014 Wednesday	20/02/2014 Thursday	21/02/2014 Friday	22/02/2014 Saturday	23/02/2014 Sunday	24/02/2014 Monday
1	46.8	38.8	57.2	45.1	45.5	43.0	44.0
2	41.8	51.0	34.9	48.0	52.6	48.0	41.5
3	49.7	40.0	-	45.5	44.7	46.3	50.5
4	-	38.0	46.8	-	36.8	37.0	-
5	47.7	47.2	48.0	44.2	43.0	41.8	45.5
6	43.0	44.0	43.7	46.6	46.2	46.9	44.7
7	42.8	44.5	43.3	44.1	48.0	43.0	44.5
8	45.4	42.4	43.1	41.7	45.8	43.9	44.0
9	42.2	40.3	38.6	42.0	46.5	44.1	43.2
10	42.6	42.0	38.2	42.2	42.0	43.7	40.8
11	43.3	41.4	41.3	42.8	43.6	42.3	42.1
12	43.5	41.2	41.2	41.0	43.3	44.5	42.5
13	41.4	40.5	41.8	41.2	42.9	43.6	41.8
14	41.3	41.7	41.3	41.4	40.9	45.9	43.0
15	41.9	39.3	41.5	42.4	41.0	43.9	41.6
16	41.0	42.0	41.0	41.2	43.4	44.7	41.3
17	41.0	41.6	42.1	41.9	45.6	46.0	42.2
18	40.0	41.5	41.3	42.6	44.4	44.5	41.5
19	41.6	42.2	41.5	40.3	43.8	45.5	43.4
20	43.0	44.1	42.3	43.8	44.1	45.1	43.3
21	43.0	44.5	45.6	44.7	46.5	48.0	45.5
22	43.6	46.8	43.7	46.2	46.3	45.2	45.9
23	41.0	43.8	46.9	45.9	46.2	48.9	46.5
24	45.1	49.2	41.1	46.1	46.7	43.6	47.0
10-12	43.4	41.3	41.2	41.9	43.4	43.2	42.3
14-16	41.5	40.7	41.2	41.8	42.1	44.3	41.5
0-24	42.1	41.8	41.4	42.2	43.6	44.6	42.5

7 Day Ave 42.6

Channel 1 - Westbound

85th Percentile

Hr Ending	18/02/2014 Tuesday	19/02/2014 Wednesday	20/02/2014 Thursday	21/02/2014 Friday	22/02/2014 Saturday	23/02/2014 Sunday	24/02/2014 Monday
1	53.7	58.6	76.4	58.1	53.6	48.5	65.8
2	43.5	66.1	44.0	53.6	76.0	48.4	53.8
3	53.6	48.3	-	58.7	53.2	53.1	65.8
4	-	38.3	58.4	-	53.9	48.7	-
5	53.3	53.8	53.3	58.9	43.7	58.9	53.2
6	53.3	58.8	48.2	58.8	53.5	66.0	53.5
7	53.8	58.6	53.2	58.0	58.4	48.1	53.3
8	53.0	54.0	53.6	53.5	53.1	48.8	53.3
9	48.8	48.9	48.4	48.9	53.8	58.4	48.0
10	53.8	53.2	48.4	48.4	53.5	53.5	48.5
11	48.7	48.7	48.7	48.7	53.8	48.5	53.2
12	48.0	49.0	48.3	48.5	53.6	53.2	48.9
13	48.4	48.2	53.6	48.5	48.8	53.3	48.6
14	48.9	48.5	48.2	53.5	48.0	53.1	48.8
15	48.8	48.1	53.2	48.4	48.2	53.6	48.9
16	48.4	49.0	48.6	48.4	48.1	53.2	48.3
17	49.0	48.7	48.1	48.3	53.1	53.9	48.5
18	48.9	48.0	48.5	48.1	53.3	53.1	48.1
19	48.1	48.6	48.9	48.2	53.1	53.4	48.6
20	58.9	53.1	53.3	49.0	48.0	53.3	48.4
21	53.4	53.1	53.8	48.1	53.5	53.9	54.0
22	58.5	58.8	53.4	53.4	53.7	53.8	48.1
23	53.8	48.3	58.3	58.4	53.5	65.8	53.9
24	58.1	65.5	48.9	53.5	53.8	53.7	66.1
10-12	48.6	48.3	48.6	48.2	53.1	53.3	48.3
14-16	48.5	48.4	48.6	48.5	48.2	53.1	48.1
0-24	53.3	48.3	48.4	48.3	53.7	53.0	48.5

7 Day Ave 50.5

Lyonshall ATC, A44 (East)

Produced by PCC Traffic Information Consultancy Ltd.

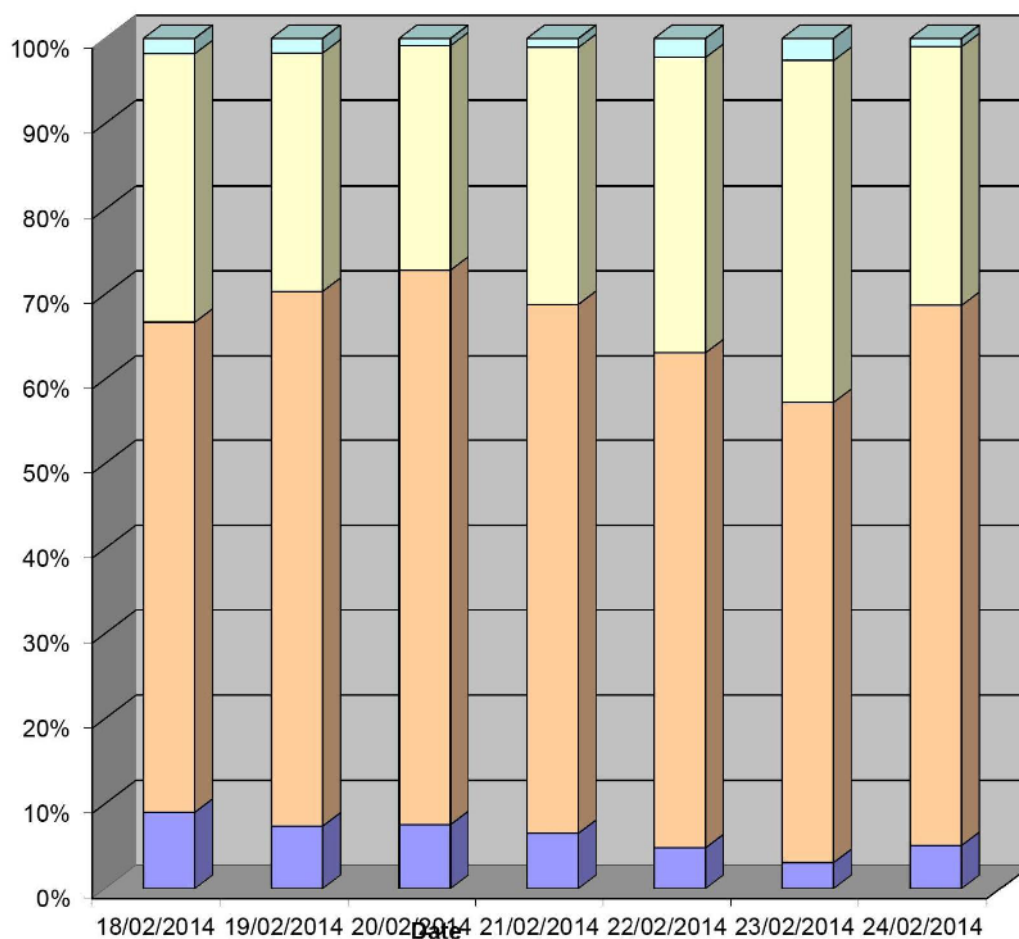
Channel 1 - Westbound

Speed Summary

Week 1

Speed (MPH)	18/02/2014 Tuesday	19/02/2014 Wednesday	20/02/2014 Thursday	21/02/2014 Friday	22/02/2014 Saturday	23/02/2014 Sunday	24/02/2014 Monday
0-30	191	168	169	154	84	39	111
31-45	1229	1441	1468	1477	1022	691	1391
46-60	671	640	592	715	608	512	664
61-	38	39	19	25	39	33	21
TOTAL	2129	2288	2248	2371	1753	1275	2187

Speed Summary (MPH)



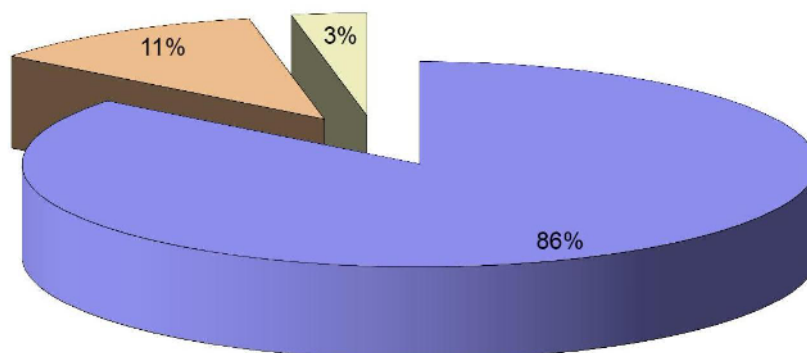
■ 0-30
 ■ 31-45
 ■ 46-60
 ■ 61-

Lyonshall ATC, A44 (East)

Produced by PCC Traffic Information Consultancy Ltd.

Channel 1 - Westbound		Vehicle Class		Week 1
Classes	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
Day / Time				
18/02/2014				
7-19	1569	241	61	1871
6-22	1730	256	64	2050
6-24	1767	259	65	2091
0-24	1791	269	69	2129
19/02/2014				
7-19	1664	260	65	1989
6-22	1847	278	75	2200
6-24	1883	280	77	2240
0-24	1910	289	89	2288
20/02/2014				
7-19	1617	262	74	1953
6-22	1815	275	81	2171
6-24	1849	278	81	2208
0-24	1870	291	87	2248
21/02/2014				
7-19	1729	271	60	2060
6-22	1946	292	63	2301
6-24	1984	294	63	2341
0-24	2000	302	69	2371
22/02/2014				
7-19	1426	114	13	1553
6-22	1563	127	13	1703
6-24	1586	130	13	1729
0-24	1601	135	17	1753
23/02/2014				
7-19	1029	58	4	1091
6-22	1147	69	7	1223
6-24	1168	70	8	1246
0-24	1188	76	11	1275
24/02/2014				
7-19	1618	236	76	1930
6-22	1778	251	79	2108
6-24	1804	254	81	2139
0-24	1833	261	93	2187
Average				
7-19	1522	206	50	1778
6-22	1689	221	55	1965
6-24	1720	224	55	1999
0-24	1742	232	62	2036

Total Vehicle Class Distribution



Lyonshall ATC, A44 (East)

Produced by PCC Traffic Information Consultancy Ltd.

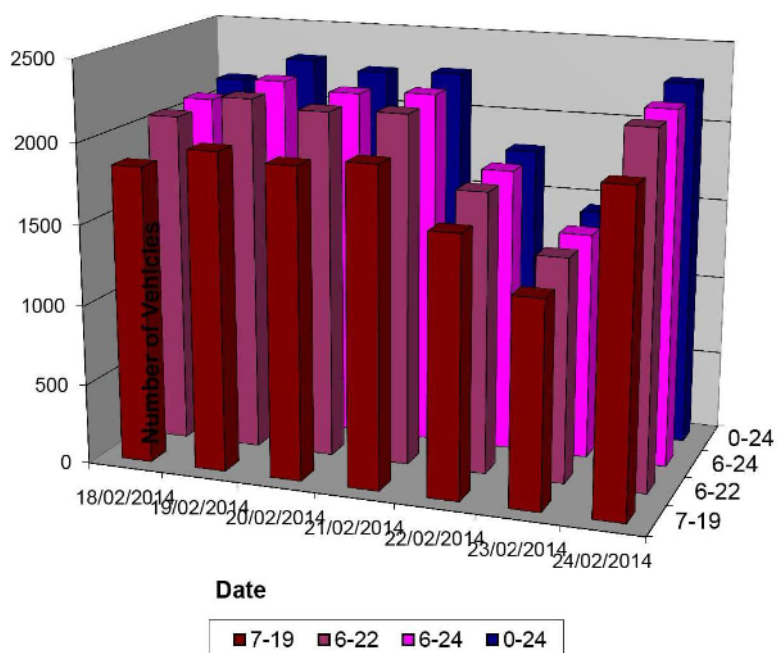
Channel 2 - Eastbound

Vehicle Flow

Week 1

Hr Ending	18/02/2014 Tuesday	19/02/2014 Wednesday	20/02/2014 Thursday	21/02/2014 Friday	22/02/2014 Saturday	23/02/2014 Sunday	24/02/2014 Monday	5 Day Ave	7 Day Ave
1	2	4	6	3	4	10	4	4	5
2	1	3	7	3	2	4	2	3	3
3	4	1	5	6	1	4	6	4	4
4	9	7	4	4	0	3	11	7	5
5	5	12	2	1	2	1	8	6	4
6	27	32	31	31	16	4	38	32	26
7	97	79	80	79	24	18	99	87	68
8	148	176	159	157	53	18	180	164	127
9	177	180	161	177	115	46	195	178	150
10	170	146	146	172	157	86	159	159	148
11	154	185	196	196	153	137	180	182	172
12	148	158	185	181	195	131	169	168	167
13	162	142	164	167	169	142	176	162	160
14	158	151	155	160	152	134	168	158	154
15	149	174	172	176	161	111	140	162	155
16	157	150	148	157	122	155	181	159	153
17	148	180	159	178	124	135	157	164	154
18	184	204	186	158	127	123	183	183	166
19	96	133	99	97	85	66	79	101	94
20	59	75	72	54	53	48	54	63	59
21	38	38	38	33	31	27	40	37	35
22	21	36	39	36	25	16	36	34	30
23	11	15	17	19	10	11	14	15	14
24	13	12	11	14	14	8	4	11	11
7-19	1851	1979	1930	1976	1613	1284	1967	1941	1800
6-22	2066	2207	2159	2178	1746	1393	2196	2161	1992
6-24	2090	2234	2187	2211	1770	1412	2214	2187	2017
0-24	2138	2293	2242	2259	1795	1438	2283	2243	2064

Vehicle Flow (Channel 2)



Lyonshall ATC, A44 (East)

Produced by PCC Traffic Information Consultancy Ltd.

Channel 2 - Eastbound

Average Speed

Week 1

Hr Ending	18/02/2014 Tuesday	19/02/2014 Wednesday	20/02/2014 Thursday	21/02/2014 Friday	22/02/2014 Saturday	23/02/2014 Sunday	24/02/2014 Monday
1	43.0	52.4	43.8	41.3	48.0	42.0	44.2
2	33.0	33.0	40.1	38.8	64.2	47.4	35.5
3	45.5	25.5	36.0	41.3	38.0	46.8	32.5
4	55.2	49.1	38.0	42.4	-	33.8	46.0
5	48.0	47.2	59.2	43.0	50.5	58.0	38.9
6	46.3	47.6	48.6	47.6	50.3	51.8	49.5
7	41.8	43.7	44.5	44.7	46.3	48.0	43.6
8	43.9	44.5	45.1	44.5	47.4	46.9	43.1
9	44.1	43.5	43.4	41.3	47.0	48.2	43.8
10	42.6	43.3	43.8	43.8	45.8	47.9	42.9
11	43.1	44.2	42.5	41.9	48.0	46.1	41.7
12	45.6	43.3	44.1	43.3	47.9	46.4	43.1
13	42.2	45.2	43.3	45.0	48.2	47.8	42.9
14	44.1	44.8	44.6	44.9	43.7	48.0	43.1
15	43.3	42.9	40.4	42.2	39.9	49.2	43.4
16	42.5	44.9	43.7	44.6	46.8	47.0	44.6
17	45.6	44.8	43.1	45.1	47.1	48.9	44.7
18	46.2	46.2	44.9	47.4	46.3	49.4	44.7
19	48.4	45.1	46.5	47.3	45.9	48.8	48.5
20	48.7	45.5	48.2	47.4	46.8	51.1	48.4
21	49.0	49.1	49.0	48.7	47.9	52.3	49.4
22	56.8	47.9	47.1	45.3	47.7	49.1	47.6
23	48.2	49.0	49.2	45.6	51.8	51.6	50.5
24	48.4	46.1	46.6	46.9	46.0	48.3	43.0
10-12	44.3	43.8	43.3	42.5	47.9	46.2	42.4
14-16	42.9	43.8	41.9	43.4	42.9	47.9	44.1
0-24	44.5	44.7	44.1	44.3	46.3	48.0	44.0

7 Day Ave 45.1

Channel 2 - Eastbound

85th Percentile

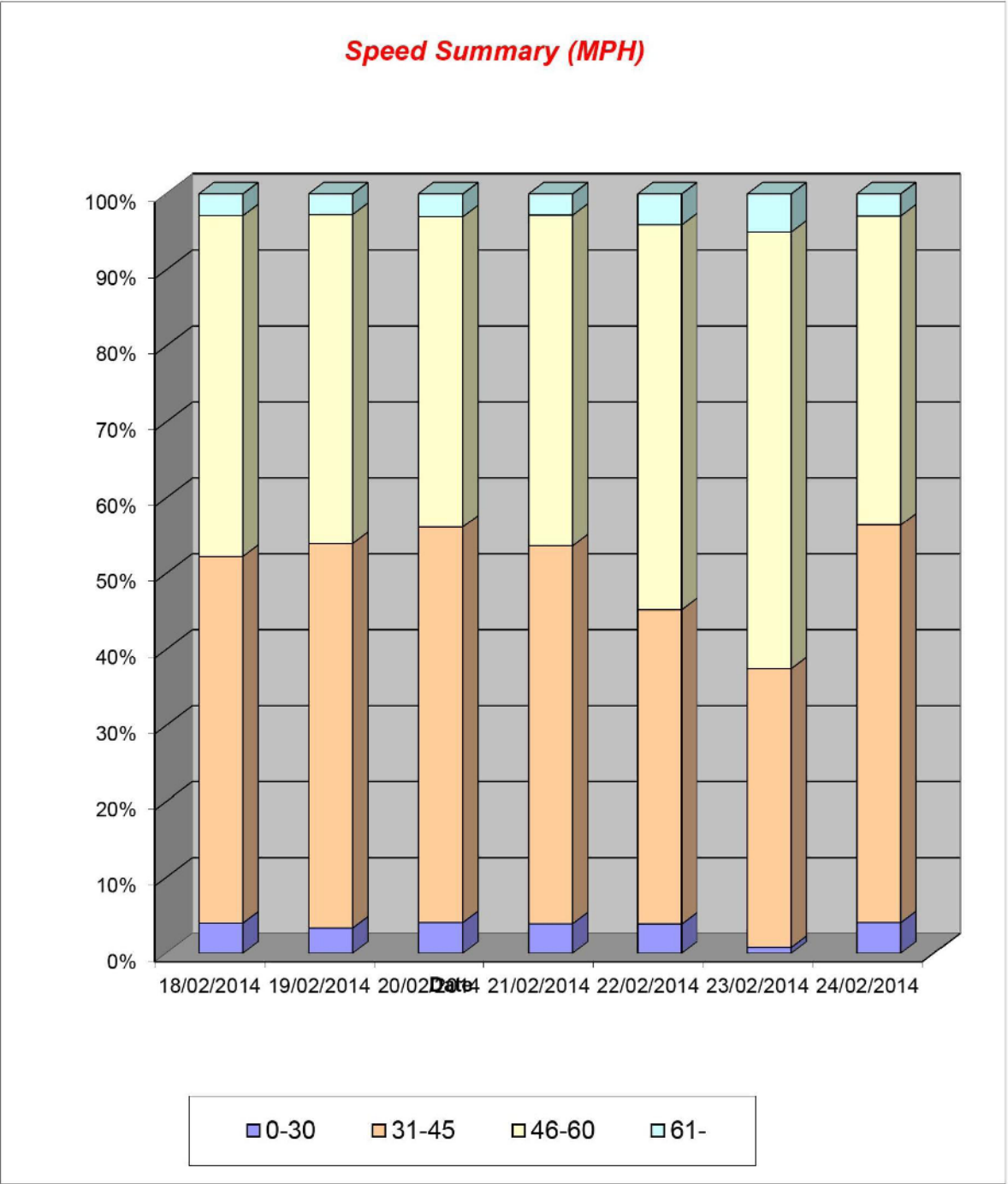
Hr Ending	18/02/2014 Tuesday	19/02/2014 Wednesday	20/02/2014 Thursday	21/02/2014 Friday	22/02/2014 Saturday	23/02/2014 Sunday	24/02/2014 Monday
1	48.2	66.0	65.6	58.4	53.1	53.2	53.3
2	-	33.7	75.6	58.4	76.3	76.0	38.2
3	53.1	-	43.2	58.9	-	53.4	58.3
4	65.5	75.9	53.0	58.1	-	48.1	58.0
5	58.3	65.8	66.2	-	53.5	-	53.7
6	58.5	58.3	58.5	65.8	58.2	53.6	58.8
7	53.9	53.2	58.6	58.1	58.2	66.3	53.3
8	58.5	53.5	58.2	53.2	58.3	53.5	53.7
9	53.4	53.2	53.5	53.1	58.8	58.2	53.4
10	53.8	53.6	53.7	53.4	53.1	58.9	53.8
11	53.8	53.4	53.8	54.0	58.5	53.4	53.7
12	53.7	53.9	53.4	53.5	53.8	53.3	53.4
13	53.7	53.5	53.9	58.5	58.8	53.8	53.1
14	54.0	53.2	53.7	54.0	53.3	58.2	53.4
15	53.3	53.7	53.1	53.2	49.0	58.4	53.3
16	53.5	53.7	53.6	53.4	58.8	53.2	53.7
17	53.4	53.6	53.7	53.4	53.7	58.9	53.3
18	53.7	53.8	53.0	58.3	53.9	58.6	53.8
19	58.2	53.2	53.4	53.5	53.9	53.4	58.2
20	58.4	53.8	58.4	53.1	58.4	58.4	58.6
21	58.5	58.2	58.3	66.0	53.1	58.9	59.0
22	76.3	54.0	54.0	54.0	54.0	53.6	58.2
23	53.5	53.1	66.3	58.6	58.8	66.4	76.4
24	65.9	48.1	66.2	58.9	58.7	58.5	48.1
10-12	53.5	53.8	53.4	53.7	58.4	53.3	54.0
14-16	53.2	53.4	53.7	53.4	53.0	58.9	53.6
0-24	53.6	53.5	53.3	53.7	53.2	58.3	53.6

7 Day Ave 54.2

Lyonshall ATC, A44 (East)

Produced by PCC Traffic Information Consultancy Ltd.

Channel 2 - Eastbound				Speed Summary			Week 1
Speed (MPH)	18/02/2014 Tuesday	19/02/2014 Wednesday	20/02/2014 Thursday	21/02/2014 Friday	22/02/2014 Saturday	23/02/2014 Sunday	24/02/2014 Monday
0-30	85	76	91	88	69	11	92
31-45	1032	1161	1168	1124	743	528	1196
46-60	960	994	916	984	910	827	929
61-	61	62	67	63	73	72	66
TOTAL	2138	2293	2242	2259	1795	1438	2283



Lyonshall ATC, A44 (East)

Produced by PCC Traffic Information Consultancy Ltd.

Channel 2 - Eastbound		Vehicle Class		Week 1
Classes	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
Day / Time				
18/02/2014				
7-19	1492	288	71	1851
6-22	1665	316	85	2066
6-24	1687	316	87	2090
0-24	1724	323	91	2138
19/02/2014				
7-19	1603	291	85	1979
6-22	1790	320	97	2207
6-24	1814	322	98	2234
0-24	1852	333	108	2293
20/02/2014				
7-19	1547	277	106	1930
6-22	1747	299	113	2159
6-24	1770	302	115	2187
0-24	1808	311	123	2242
21/02/2014				
7-19	1608	269	99	1976
6-22	1776	292	110	2178
6-24	1807	294	110	2211
0-24	1836	303	120	2259
22/02/2014				
7-19	1452	151	10	1613
6-22	1577	159	10	1746
6-24	1599	161	10	1770
0-24	1621	163	11	1795
23/02/2014				
7-19	1179	97	8	1284
6-22	1274	110	9	1393
6-24	1289	113	10	1412
0-24	1313	114	11	1438
24/02/2014				
7-19	1572	294	101	1967
6-22	1763	321	112	2196
6-24	1777	324	113	2214
0-24	1822	334	127	2283
Average				
7-19	1493	238	69	1800
6-22	1656	260	77	1992
6-24	1678	262	78	2017
0-24	1711	269	84	2064

Total Vehicle Class Distribution

