

TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer
Location/Name: BEACON HILL W/B AT SCHOOLHOUSE
Report Generated: 5/7/2019 6:33:23 AM
Speed Intervals = 5 mph
Time Intervals = 5 minutes

Traffic Report From 4/30/2019 6:20:00 AM through 5/7/2019 6:25:18 AM

85th Percentile Speed = 30.9 mph
85th Percentile Vehicles = 13,716 counts
Max Speed = 100.0 mph on 5/1/2019 1:50:00 PM
Total Vehicles = 16,136 counts
AADT: 2303.9

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		2,216	2,128
AM peak	8:00 to 9:00	141	110
PM peak	5:00 to 6:00	266	236

Speed

Speed limit: 25 mph
85th Percentile Speed: 30.9 mph
Average Speed: 26.8 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	1655	1692	1620	1707	1904	1282	1389
% over limit	68.9	68.5	68.8	69.9	71.8	66.7	73.2
Avg speeder	29.0	29.0	29.1	29.1	29.0	29.1	29.1

85th percentile speeds, counts and total counts by hour:

Date/Time Ending	85th pctl(mph)	85th pctl cnts	Total cnts	Max Speed	Avg Speeder	% Speeders
4/30/2019 7:00:00 AM	34.2	61	72	40	30.8	90.3%
4/30/2019 8:00:00 AM	32.4	176	207	45	29.7	69.6%
4/30/2019 9:00:00 AM	31.0	152	179	40	29.0	71.5%
4/30/2019 10:00:00 AM	30.0	65	77	40	29.1	61.0%
4/30/2019 11:00:00 AM	29.7	88	103	40	28.6	62.1%
4/30/2019 12:00:00 PM	30.3	91	107	40	29.0	56.1%
4/30/2019 1:00:00 PM	29.9	126	148	50	28.9	67.6%
4/30/2019 2:00:00 PM	29.4	79	93	40	28.3	59.1%
4/30/2019 3:00:00 PM	30.6	144	169	50	28.9	68.6%
4/30/2019 4:00:00 PM	30.8	173	203	70	29.3	68.0%
4/30/2019 5:00:00 PM	31.2	185	218	40	29.0	70.2%
4/30/2019 6:00:00 PM	30.2	204	240	40	28.8	71.7%
4/30/2019 7:00:00 PM	29.9	136	160	45	28.7	73.8%
4/30/2019 8:00:00 PM	29.9	127	149	75	29.2	61.7%
4/30/2019 9:00:00 PM	30.0	85	100	45	28.8	68.0%
4/30/2019 10:00:00 PM	29.9	62	73	35	28.6	64.4%
4/30/2019 11:00:00 PM	29.6	69	81	40	28.3	74.1%
5/1/2019 12:00:00 AM	33.8	19	22	40	30.2	68.2%
5/1/2019 1:00:00 AM	32.5	10	12	50	31.3	66.7%
5/1/2019 2:00:00 AM	27.5	8	10	30	27.5	40.0%
5/1/2019 3:00:00 AM	27.5	4	5	30	27.5	40.0%
5/1/2019 4:00:00 AM	35.0	8	9	40	30.0	66.7%
5/1/2019 5:00:00 AM	35.0	4	5	40	34.2	60.0%
5/1/2019 6:00:00 AM	35.0	14	17	40	31.0	76.5%
5/1/2019 7:00:00 AM	33.2	37	43	40	29.8	76.7%
5/1/2019 8:00:00 AM	30.8	82	97	40	29.2	66.0%
5/1/2019 9:00:00 AM	29.7	86	101	40	28.6	59.4%
5/1/2019 10:00:00 AM	29.7	85	100	40	28.6	67.0%
5/1/2019 11:00:00 AM	31.2	73	86	45	29.2	69.8%
5/1/2019 12:00:00 PM	29.8	110	130	40	28.8	57.7%
5/1/2019 1:00:00 PM	31.7	122	143	40	29.1	72.0%
5/1/2019 2:00:00 PM	30.5	102	120	100	29.4	73.3%

5/1/2019 3:00:00 PM	29.9	132	155	40	28.8	62.6%
5/1/2019 4:00:00 PM	31.1	188	221	40	29.1	67.0%
5/1/2019 5:00:00 PM	32.5	175	206	50	29.6	75.7%
5/1/2019 6:00:00 PM	32.0	235	276	45	29.2	79.3%
5/1/2019 7:00:00 PM	32.1	166	195	50	29.7	67.2%
5/1/2019 8:00:00 PM	30.3	133	156	40	28.8	69.9%
5/1/2019 9:00:00 PM	29.8	93	109	40	28.4	67.9%
5/1/2019 10:00:00 PM	30.5	77	91	40	29.3	58.2%
5/1/2019 11:00:00 PM	31.1	37	44	35	29.1	65.9%
5/2/2019 12:00:00 AM	32.5	22	26	40	29.4	80.8%
5/2/2019 1:00:00 AM	30.0	6	7	45	31.3	57.1%
5/2/2019 2:00:00 AM	30.0	4	5	35	28.8	80.0%
5/2/2019 3:00:00 AM	27.5	3	4	30	27.5	50.0%
5/2/2019 4:00:00 AM	30.0	9	11	40	29.6	63.6%
5/2/2019 5:00:00 AM	40.0	8	9	45	31.8	77.8%
5/2/2019 6:00:00 AM	32.5	16	19	40	29.4	84.2%
5/2/2019 7:00:00 AM	33.6	52	61	45	29.9	82.0%
5/2/2019 8:00:00 AM	32.9	86	101	45	29.6	82.2%
5/2/2019 9:00:00 AM	29.9	98	115	40	28.8	61.7%
5/2/2019 10:00:00 AM	31.9	55	65	40	29.4	69.2%
5/2/2019 11:00:00 AM	29.2	90	106	45	28.4	57.5%
5/2/2019 12:00:00 PM	30.4	91	107	40	28.8	72.0%
5/2/2019 1:00:00 PM	29.7	110	130	40	28.5	71.5%
5/2/2019 2:00:00 PM	32.3	113	133	45	29.7	69.2%
5/2/2019 3:00:00 PM	31.3	146	172	40	29.1	66.9%
5/2/2019 4:00:00 PM	31.1	181	213	80	29.3	70.0%
5/2/2019 5:00:00 PM	30.5	212	250	40	28.9	69.6%
5/2/2019 6:00:00 PM	31.0	249	293	40	28.9	73.7%
5/2/2019 7:00:00 PM	31.9	177	208	45	29.3	73.1%
5/2/2019 8:00:00 PM	30.0	110	129	40	28.6	71.3%
5/2/2019 9:00:00 PM	32.1	97	114	40	29.5	64.9%
5/2/2019 10:00:00 PM	30.4	73	86	35	28.6	70.9%
5/2/2019 11:00:00 PM	30.0	57	67	40	29.0	58.2%
5/3/2019 12:00:00 AM	29.4	29	34	40	28.7	61.8%

5/3/2019 1:00:00 AM	29.4	12	14	35	28.1	64.3%
5/3/2019 2:00:00 AM	40.0	7	8	45	31.3	100.0%
5/3/2019 3:00:00 AM	32.5	4	5	35	29.5	100.0%
5/3/2019 4:00:00 AM	27.5	6	7	30	27.5	28.6%
5/3/2019 5:00:00 AM	30.0	4	5	35	30.0	40.0%
5/3/2019 6:00:00 AM	32.5	16	19	45	30.2	68.4%
5/3/2019 7:00:00 AM	30.0	40	47	40	28.8	72.3%
5/3/2019 8:00:00 AM	32.9	117	138	40	29.8	74.6%
5/3/2019 9:00:00 AM	30.8	147	173	40	29.2	65.9%
5/3/2019 10:00:00 AM	30.8	78	92	40	29.1	65.2%
5/3/2019 11:00:00 AM	30.0	79	93	45	29.1	65.6%
5/3/2019 12:00:00 PM	30.8	96	113	45	29.0	69.9%
5/3/2019 1:00:00 PM	31.5	120	141	40	29.0	76.6%
5/3/2019 2:00:00 PM	31.0	131	154	40	28.9	73.4%
5/3/2019 3:00:00 PM	30.5	182	214	40	28.8	69.6%
5/3/2019 4:00:00 PM	30.7	167	196	90	29.2	72.4%
5/3/2019 5:00:00 PM	30.3	194	228	45	28.9	68.0%
5/3/2019 6:00:00 PM	30.8	231	272	40	28.7	79.4%
5/3/2019 7:00:00 PM	31.9	186	219	45	29.1	80.8%
5/3/2019 8:00:00 PM	31.0	118	139	45	28.9	74.8%
5/3/2019 9:00:00 PM	30.3	116	137	40	28.8	70.1%
5/3/2019 10:00:00 PM	30.6	89	105	40	28.8	68.6%
5/3/2019 11:00:00 PM	30.5	69	81	40	28.9	66.7%
5/4/2019 12:00:00 AM	29.6	43	51	40	28.9	56.9%
5/4/2019 1:00:00 AM	31.7	17	20	45	29.8	65.0%
5/4/2019 2:00:00 AM	29.2	8	9	30	27.5	66.7%
5/4/2019 3:00:00 AM	30.0	11	13	35	29.2	46.2%
5/4/2019 4:00:00 AM	47.5	11	13	60	34.6	92.3%
5/4/2019 5:00:00 AM	37.5	4	5	40	32.5	80.0%
5/4/2019 6:00:00 AM	30.0	6	7	35	29.2	42.9%
5/4/2019 7:00:00 AM	31.7	26	30	40	29.3	66.7%
5/4/2019 8:00:00 AM	29.3	37	44	35	28.3	59.1%
5/4/2019 9:00:00 AM	30.0	31	37	40	29.2	70.3%
5/4/2019 10:00:00 AM	30.0	81	95	40	28.7	67.4%

5/4/2019 11:00:00 AM	29.7	118	139	80	29.0	63.3%
5/4/2019 12:00:00 PM	31.2	115	135	45	29.4	58.5%
5/4/2019 1:00:00 PM	29.6	133	156	45	28.6	60.9%
5/4/2019 2:00:00 PM	31.8	122	143	40	29.3	67.1%
5/4/2019 3:00:00 PM	31.0	128	151	50	29.1	68.9%
5/4/2019 4:00:00 PM	29.9	117	138	45	28.8	67.4%
5/4/2019 5:00:00 PM	31.4	106	125	45	28.9	80.8%
5/4/2019 6:00:00 PM	30.0	130	153	40	28.7	70.6%
5/4/2019 7:00:00 PM	31.7	114	134	45	29.3	73.1%
5/4/2019 8:00:00 PM	31.8	102	120	45	29.8	60.8%
5/4/2019 9:00:00 PM	31.9	83	98	45	29.5	71.4%
5/4/2019 10:00:00 PM	29.9	48	56	40	28.7	73.2%
5/4/2019 11:00:00 PM	29.0	50	59	40	28.7	50.8%
5/5/2019 12:00:00 AM	29.4	37	43	35	28.1	62.8%
5/5/2019 1:00:00 AM	32.0	25	29	40	29.3	65.5%
5/5/2019 2:00:00 AM	29.4	13	15	35	28.1	60.0%
5/5/2019 3:00:00 AM	30.0	8	9	35	28.2	77.8%
5/5/2019 4:00:00 AM	30.0	10	12	35	28.5	83.3%
5/5/2019 5:00:00 AM	33.8	7	8	35	30.4	87.5%
5/5/2019 6:00:00 AM	35.0	3	3	35	29.2	100.0%
5/5/2019 7:00:00 AM	32.5	19	22	40	29.1	86.4%
5/5/2019 8:00:00 AM	32.0	16	19	35	29.4	68.4%
5/5/2019 9:00:00 AM	30.8	27	32	35	28.9	65.6%
5/5/2019 10:00:00 AM	30.0	65	76	40	28.7	65.8%
5/5/2019 11:00:00 AM	29.7	76	89	40	28.5	70.8%
5/5/2019 12:00:00 PM	31.6	82	96	40	29.1	71.9%
5/5/2019 1:00:00 PM	31.4	120	141	40	29.1	71.6%
5/5/2019 2:00:00 PM	29.8	126	148	40	28.6	70.9%
5/5/2019 3:00:00 PM	31.9	144	169	45	29.1	77.5%
5/5/2019 4:00:00 PM	29.9	127	149	40	28.6	73.2%
5/5/2019 5:00:00 PM	31.0	148	174	40	28.9	78.7%
5/5/2019 6:00:00 PM	31.8	146	172	40	29.2	75.0%
5/5/2019 7:00:00 PM	33.0	128	150	40	29.6	80.7%
5/5/2019 8:00:00 PM	32.6	99	116	45	29.5	79.3%

5/5/2019 9:00:00 PM	31.4	100	118	45	29.2	71.2%
5/5/2019 10:00:00 PM	31.9	55	65	40	29.6	61.5%
5/5/2019 11:00:00 PM	29.0	44	52	40	28.7	48.1%
5/6/2019 12:00:00 AM	33.3	26	30	45	29.9	76.7%
5/6/2019 1:00:00 AM	32.5	15	18	40	29.6	77.8%
5/6/2019 2:00:00 AM	29.2	8	10	45	29.6	70.0%
5/6/2019 3:00:00 AM	29.3	12	14	40	28.8	57.1%
5/6/2019 4:00:00 AM	28.3	3	4	30	27.5	75.0%
5/6/2019 5:00:00 AM	25.0	4	5	30	27.5	20.0%
5/6/2019 6:00:00 AM	33.8	22	26	45	30.4	80.8%
5/6/2019 7:00:00 AM	30.0	37	43	40	28.6	76.7%
5/6/2019 8:00:00 AM	30.0	67	79	45	28.9	73.4%
5/6/2019 9:00:00 AM	32.3	93	109	45	29.9	62.4%
5/6/2019 10:00:00 AM	31.8	86	101	40	29.2	74.3%
5/6/2019 11:00:00 AM	31.4	85	100	80	29.8	70.0%
5/6/2019 12:00:00 PM	29.7	88	104	45	28.8	65.4%
5/6/2019 1:00:00 PM	31.7	117	138	40	29.2	71.0%
5/6/2019 2:00:00 PM	29.8	116	137	45	29.0	56.9%
5/6/2019 3:00:00 PM	29.8	143	168	65	29.1	57.1%
5/6/2019 4:00:00 PM	30.6	166	195	40	29.0	66.7%
5/6/2019 5:00:00 PM	30.3	221	260	40	28.7	68.8%
5/6/2019 6:00:00 PM	31.7	198	233	40	28.9	83.7%
5/6/2019 7:00:00 PM	30.7	192	226	45	28.8	74.8%
5/6/2019 8:00:00 PM	29.8	128	150	40	28.7	68.7%
5/6/2019 9:00:00 PM	29.6	94	110	40	28.3	65.5%
5/6/2019 10:00:00 PM	29.8	76	90	45	28.9	58.9%
5/6/2019 11:00:00 PM	29.2	46	54	35	27.8	70.4%
5/7/2019 12:00:00 AM	30.0	23	27	35	28.7	63.0%
5/7/2019 1:00:00 AM	30.0	14	17	45	29.3	82.4%
5/7/2019 2:00:00 AM	27.5	5	6	30	27.5	33.3%
5/7/2019 3:00:00 AM	37.5	7	8	40	32.5	50.0%
5/7/2019 4:00:00 AM	30.0	3	3	30	27.5	100.0%
5/7/2019 5:00:00 AM	35.0	6	7	50	32.5	71.4%
5/7/2019 6:00:00 AM	30.0	14	17	35	28.5	88.2%

5/7/2019 7:00:00 AM	31.7	10	12	35	29.6	58.3%
---------------------	------	----	----	----	------	-------

85th percentile speeds, counts and total counts by day:

Date/Time Ending	85th pctl(mph)	85th pctl counts	Total	Max Speed	Avg Speeder	% Speeders
5/1/2019 12:00:00 AM	30.8	2041	2401	75	29.0	68.4%
5/2/2019 12:00:00 AM	31.2	2003	2357	100	29.2	68.9%
5/3/2019 12:00:00 AM	31.1	2073	2439	80	29.1	69.9%
5/4/2019 12:00:00 AM	31.0	2253	2651	90	29.0	71.9%
5/5/2019 12:00:00 AM	30.5	1635	1923	80	29.1	66.7%
5/6/2019 12:00:00 AM	31.4	1610	1894	45	29.1	73.2%
5/7/2019 12:00:00 AM	30.5	2041	2401	80	29.0	68.9%
5/7/2019 6:25:18 AM	31.7	60	70	50	29.5	71.4%