

TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer
Location/Name: BEACON HILL E/B AT SCHOOLHOUSE
Report Generated: 4/30/2019 2:47:30 PM
Speed Intervals = 5 mph
Time Intervals = 5 minutes

Traffic Report From 4/22/2019 6:20:00 AM through 4/30/2019 1:40:00 PM

85th Percentile Speed = 33.5 mph
85th Percentile Vehicles = 16,957 counts
Max Speed = 75.0 mph on 4/25/2019 7:45:00 AM
Total Vehicles = 19,949 counts
AADT: 2401.9

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		2,318	2,265
AM peak	8:00 to 9:00	180	147
PM peak	4:00 to 5:00	188	185

Speed

Speed limit: 25 mph
85th Percentile Speed: 33.5 mph
Average Speed: 28.3 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	3801	2544	1741	1976	2162	1831	1633
% over limit	79.7	74.7	77.9	77.3	79.7	81.6	80.7
Avg speeder	30.3	29.7	29.7	30.0	30.5	30.2	30.4

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
4/22/2019 7:00:00 AM	27.7	37	44	40	28.2	31.8%
4/22/2019 8:00:00 AM	34.9	139	164	40	31.1	90.2%
4/22/2019 9:00:00 AM	33.6	104	122	40	29.9	87.7%
4/22/2019 10:00:00 AM	34.6	95	112	40	31.1	84.8%
4/22/2019 11:00:00 AM	33.8	119	140	40	30.0	84.3%
4/22/2019 12:00:00 PM	34.5	103	121	45	30.7	80.2%
4/22/2019 1:00:00 PM	33.7	131	154	50	30.2	83.1%
4/22/2019 2:00:00 PM	33.9	152	179	45	30.5	81.6%
4/22/2019 3:00:00 PM	33.7	146	172	45	30.4	79.7%
4/22/2019 4:00:00 PM	34.3	133	157	50	31.0	83.4%
4/22/2019 5:00:00 PM	34.4	122	144	45	30.8	89.6%
4/22/2019 6:00:00 PM	34.6	163	192	45	31.1	87.5%
4/22/2019 7:00:00 PM	34.5	100	118	50	30.4	90.7%
4/22/2019 8:00:00 PM	33.5	119	140	50	30.0	88.6%
4/22/2019 9:00:00 PM	32.8	94	110	55	29.7	79.1%
4/22/2019 10:00:00 PM	35.0	54	63	40	31.1	77.8%
4/22/2019 11:00:00 PM	34.1	35	41	40	30.6	90.2%
4/23/2019 12:00:00 AM	35.0	17	20	40	30.1	85.0%
4/23/2019 1:00:00 AM	35.0	13	15	40	30.4	93.3%
4/23/2019 2:00:00 AM	40.0	7	8	45	36.7	75.0%
4/23/2019 3:00:00 AM	37.5	6	7	40	31.7	85.7%
4/23/2019 4:00:00 AM	35.0	3	4	40	32.5	75.0%
4/23/2019 5:00:00 AM	40.0	7	8	45	33.3	75.0%
4/23/2019 6:00:00 AM	36.3	36	42	40	31.8	88.1%
4/23/2019 7:00:00 AM	33.5	59	69	40	30.0	81.2%
4/23/2019 8:00:00 AM	32.4	162	190	45	29.4	78.9%
4/23/2019 9:00:00 AM	30.2	150	177	40	29.0	57.1%
4/23/2019 10:00:00 AM	30.9	90	106	45	29.2	66.0%
4/23/2019 11:00:00 AM	30.8	93	109	40	28.9	67.0%
4/23/2019 12:00:00 PM	33.0	93	109	60	30.0	72.5%
4/23/2019 1:00:00 PM	32.8	120	141	40	29.6	76.6%
4/23/2019 2:00:00 PM	32.3	121	142	55	29.6	72.5%

4/23/2019 3:00:00 PM	31.6	160	188	40	29.3	69.7%
4/23/2019 4:00:00 PM	33.3	144	169	50	29.7	86.4%
4/23/2019 5:00:00 PM	33.5	150	177	45	29.9	87.0%
4/23/2019 6:00:00 PM	33.6	138	162	55	30.2	84.0%
4/23/2019 7:00:00 PM	33.4	129	152	45	29.8	88.8%
4/23/2019 8:00:00 PM	33.8	110	130	40	30.1	80.0%
4/23/2019 9:00:00 PM	30.8	71	83	40	28.9	71.1%
4/23/2019 10:00:00 PM	34.2	65	76	45	30.2	88.2%
4/23/2019 11:00:00 PM	33.6	30	35	45	30.3	82.9%
4/24/2019 12:00:00 AM	34.5	20	24	40	31.1	91.7%
4/24/2019 1:00:00 AM	30.0	7	8	35	29.2	37.5%
4/24/2019 2:00:00 AM	32.5	8	10	35	29.7	90.0%
4/24/2019 3:00:00 AM	30.0	5	6	35	28.5	83.3%
4/24/2019 4:00:00 AM	33.3	7	8	35	30.5	62.5%
4/24/2019 5:00:00 AM	40.0	8	10	45	33.6	90.0%
4/24/2019 6:00:00 AM	35.7	38	45	45	31.6	86.7%
4/24/2019 7:00:00 AM	34.5	57	67	40	31.0	94.0%
4/24/2019 8:00:00 AM	33.8	160	188	45	30.1	85.6%
4/24/2019 9:00:00 AM	32.3	151	178	45	29.7	69.1%
4/24/2019 10:00:00 AM	34.3	83	98	45	30.6	78.6%
4/24/2019 11:00:00 AM	31.9	90	106	40	29.0	81.1%
4/24/2019 12:00:00 PM	33.3	102	120	40	30.1	70.0%
4/24/2019 1:00:00 PM	33.5	121	142	40	29.9	82.4%
4/24/2019 2:00:00 PM	31.4	116	137	45	29.1	70.8%
4/24/2019 3:00:00 PM	30.0	145	171	35	28.5	76.6%
4/24/2019 4:00:00 PM	30.7	127	149	45	28.9	71.8%
4/24/2019 5:00:00 PM	33.5	149	175	45	30.3	77.7%
4/24/2019 6:00:00 PM	33.5	143	168	45	30.0	81.0%
4/24/2019 7:00:00 PM	32.1	101	119	40	29.2	79.8%
4/24/2019 8:00:00 PM	32.1	94	111	40	29.3	77.5%
4/24/2019 9:00:00 PM	33.3	71	83	45	29.8	80.7%
4/24/2019 10:00:00 PM	32.3	59	69	45	29.3	82.6%
4/24/2019 11:00:00 PM	32.7	40	47	40	30.0	63.8%
4/25/2019 12:00:00 AM	33.8	20	23	40	29.6	82.6%

4/25/2019 1:00:00 AM	33.3	8	10	35	31.8	70.0%
4/25/2019 2:00:00 AM	35.0	4	5	40	31.5	100.0%
4/25/2019 3:00:00 AM	32.5	4	5	35	30.0	80.0%
4/25/2019 4:00:00 AM	33.8	8	10	40	31.8	70.0%
4/25/2019 5:00:00 AM	40.0	8	9	45	32.5	77.8%
4/25/2019 6:00:00 AM	34.6	31	36	40	30.6	88.9%
4/25/2019 7:00:00 AM	34.3	62	73	45	31.0	86.3%
4/25/2019 8:00:00 AM	33.1	162	190	75	30.1	77.9%
4/25/2019 9:00:00 AM	31.4	135	159	40	29.4	62.9%
4/25/2019 10:00:00 AM	32.1	107	126	40	29.2	75.4%
4/25/2019 11:00:00 AM	32.4	97	114	40	29.6	69.3%
4/25/2019 12:00:00 PM	31.4	117	138	40	29.1	73.2%
4/25/2019 1:00:00 PM	32.7	130	153	45	29.8	71.9%
4/25/2019 2:00:00 PM	33.5	135	159	40	30.0	79.9%
4/25/2019 3:00:00 PM	33.2	183	215	45	30.1	73.5%
4/25/2019 4:00:00 PM	33.3	180	212	50	30.0	78.3%
4/25/2019 5:00:00 PM	33.7	162	191	55	30.3	80.1%
4/25/2019 6:00:00 PM	33.9	168	198	45	30.1	85.4%
4/25/2019 7:00:00 PM	33.2	167	197	55	30.1	78.7%
4/25/2019 8:00:00 PM	33.8	104	122	45	30.2	83.6%
4/25/2019 9:00:00 PM	33.0	80	94	40	29.7	80.9%
4/25/2019 10:00:00 PM	33.9	51	60	55	30.7	83.3%
4/25/2019 11:00:00 PM	33.9	38	45	45	30.6	82.2%
4/26/2019 12:00:00 AM	34.2	29	34	40	30.3	73.5%
4/26/2019 1:00:00 AM	36.7	13	15	40	31.5	66.7%
4/26/2019 2:00:00 AM	29.0	5	6	30	27.5	83.3%
4/26/2019 3:00:00 AM	35.0	13	15	55	34.6	46.7%
4/26/2019 4:00:00 AM	35.0	11	13	45	32.5	84.6%
4/26/2019 5:00:00 AM	39.2	14	17	45	34.3	82.4%
4/26/2019 6:00:00 AM	35.0	34	40	40	31.6	95.0%
4/26/2019 7:00:00 AM	34.8	79	93	50	31.1	86.0%
4/26/2019 8:00:00 AM	33.2	152	179	50	29.8	82.1%
4/26/2019 9:00:00 AM	32.6	167	196	40	29.8	67.3%
4/26/2019 10:00:00 AM	32.9	116	136	55	29.8	77.2%

4/26/2019 11:00:00 AM	34.3	99	116	50	30.6	78.4%
4/26/2019 12:00:00 PM	33.5	117	138	45	30.4	71.7%
4/26/2019 1:00:00 PM	33.9	110	130	40	30.5	77.7%
4/26/2019 2:00:00 PM	33.8	120	141	40	30.3	85.1%
4/26/2019 3:00:00 PM	33.4	154	181	45	30.2	69.6%
4/26/2019 4:00:00 PM	34.3	166	195	50	30.8	83.6%
4/26/2019 5:00:00 PM	34.4	178	209	45	31.0	84.2%
4/26/2019 6:00:00 PM	34.1	190	224	40	30.5	88.8%
4/26/2019 7:00:00 PM	34.4	173	204	50	31.0	82.4%
4/26/2019 8:00:00 PM	33.8	116	137	65	30.5	82.5%
4/26/2019 9:00:00 PM	33.9	115	135	40	30.2	78.5%
4/26/2019 10:00:00 PM	34.0	85	100	40	30.5	70.0%
4/26/2019 11:00:00 PM	33.7	48	56	40	30.1	85.7%
4/27/2019 12:00:00 AM	35.0	31	37	40	31.0	91.9%
4/27/2019 1:00:00 AM	37.5	12	14	45	31.7	85.7%
4/27/2019 2:00:00 AM	37.5	14	16	40	32.1	87.5%
4/27/2019 3:00:00 AM	40.0	16	19	50	34.0	89.5%
4/27/2019 4:00:00 AM	37.5	8	9	40	33.2	77.8%
4/27/2019 5:00:00 AM	37.5	7	8	40	32.5	100.0%
4/27/2019 6:00:00 AM	33.8	14	16	35	30.6	81.3%
4/27/2019 7:00:00 AM	34.2	22	26	50	30.4	92.3%
4/27/2019 8:00:00 AM	34.1	53	62	45	30.5	90.3%
4/27/2019 9:00:00 AM	34.2	71	83	45	30.7	81.9%
4/27/2019 10:00:00 AM	34.2	109	128	40	30.5	86.7%
4/27/2019 11:00:00 AM	34.1	135	159	40	30.5	80.5%
4/27/2019 12:00:00 PM	33.6	121	142	45	29.9	84.5%
4/27/2019 1:00:00 PM	34.3	139	163	50	30.6	85.9%
4/27/2019 2:00:00 PM	33.8	128	150	50	30.3	81.3%
4/27/2019 3:00:00 PM	33.3	147	173	45	30.0	80.9%
4/27/2019 4:00:00 PM	31.9	180	212	45	29.3	73.1%
4/27/2019 5:00:00 PM	32.9	148	174	40	29.7	77.6%
4/27/2019 6:00:00 PM	32.8	133	157	45	29.7	75.8%
4/27/2019 7:00:00 PM	34.1	118	139	60	30.8	84.9%
4/27/2019 8:00:00 PM	34.0	103	121	45	30.4	81.8%

4/27/2019 9:00:00 PM	32.4	90	106	45	29.3	83.0%
4/27/2019 10:00:00 PM	32.7	71	84	45	29.5	82.1%
4/27/2019 11:00:00 PM	32.5	39	46	40	29.4	78.3%
4/28/2019 12:00:00 AM	32.5	32	38	45	29.5	84.2%
4/28/2019 1:00:00 AM	34.2	24	28	40	29.8	92.9%
4/28/2019 2:00:00 AM	34.3	14	16	40	31.6	68.8%
4/28/2019 3:00:00 AM	33.8	7	8	35	30.4	87.5%
4/28/2019 4:00:00 AM	35.0	3	3	35	32.5	100.0%
4/28/2019 5:00:00 AM	35.0	3	3	35	30.0	66.7%
4/28/2019 6:00:00 AM	35.0	8	9	45	30.4	77.8%
4/28/2019 7:00:00 AM	33.3	11	13	50	30.7	84.6%
4/28/2019 8:00:00 AM	33.3	32	38	40	30.4	73.7%
4/28/2019 9:00:00 AM	33.3	49	58	60	31.5	69.0%
4/28/2019 10:00:00 AM	34.5	70	82	45	30.8	74.4%
4/28/2019 11:00:00 AM	34.0	102	120	45	30.5	75.0%
4/28/2019 12:00:00 PM	33.4	133	156	45	29.8	84.0%
4/28/2019 1:00:00 PM	33.5	149	175	45	30.1	84.0%
4/28/2019 2:00:00 PM	33.6	128	150	65	30.2	82.7%
4/28/2019 3:00:00 PM	33.3	131	154	45	30.0	79.2%
4/28/2019 4:00:00 PM	34.0	129	152	45	30.4	87.5%
4/28/2019 5:00:00 PM	33.6	150	177	45	30.4	75.1%
4/28/2019 6:00:00 PM	33.8	139	164	40	30.4	87.2%
4/28/2019 7:00:00 PM	35.8	100	118	45	31.1	87.3%
4/28/2019 8:00:00 PM	34.6	111	131	45	31.3	82.4%
4/28/2019 9:00:00 PM	33.8	90	106	40	30.1	79.2%
4/28/2019 10:00:00 PM	33.5	78	92	40	30.3	76.1%
4/28/2019 11:00:00 PM	34.4	35	41	45	31.1	68.3%
4/29/2019 12:00:00 AM	33.8	23	27	40	30.5	74.1%
4/29/2019 1:00:00 AM	35.0	11	13	40	30.7	84.6%
4/29/2019 2:00:00 AM	38.3	8	10	50	34.4	80.0%
4/29/2019 3:00:00 AM	35.0	2	2	35	32.5	100.0%
4/29/2019 4:00:00 AM	40.0	3	4	45	36.3	100.0%
4/29/2019 5:00:00 AM	36.7	12	14	40	30.7	78.6%
4/29/2019 6:00:00 AM	33.6	31	37	40	30.4	78.4%

4/29/2019 7:00:00 AM	34.5	77	91	55	31.1	82.4%
4/29/2019 8:00:00 AM	33.2	150	176	45	29.9	78.4%
4/29/2019 9:00:00 AM	33.7	162	190	50	30.4	75.8%
4/29/2019 10:00:00 AM	33.6	106	125	50	30.6	69.6%
4/29/2019 11:00:00 AM	32.9	110	129	45	29.7	76.0%
4/29/2019 12:00:00 PM	34.0	113	133	45	30.4	74.4%
4/29/2019 1:00:00 PM	31.7	134	158	45	29.2	73.4%
4/29/2019 2:00:00 PM	34.3	130	153	45	30.7	71.2%
4/29/2019 3:00:00 PM	33.0	179	211	45	29.9	73.5%
4/29/2019 4:00:00 PM	34.0	155	182	45	30.5	82.4%
4/29/2019 5:00:00 PM	33.2	183	215	45	30.0	75.8%
4/29/2019 6:00:00 PM	32.1	147	173	45	29.5	69.4%
4/29/2019 7:00:00 PM	33.5	132	155	40	30.2	76.8%
4/29/2019 8:00:00 PM	33.1	127	149	40	29.6	81.9%
4/29/2019 9:00:00 PM	29.9	88	104	40	28.6	71.2%
4/29/2019 10:00:00 PM	32.1	60	71	45	29.4	77.5%
4/29/2019 11:00:00 PM	34.3	48	56	45	30.9	85.7%
4/30/2019 12:00:00 AM	34.7	27	32	40	31.6	90.6%
4/30/2019 1:00:00 AM	35.0	10	12	45	30.7	91.7%
4/30/2019 2:00:00 AM	32.5	8	10	40	30.0	80.0%
4/30/2019 3:00:00 AM	35.0	7	8	45	30.0	100.0%
4/30/2019 4:00:00 AM	31.7	10	12	35	29.2	75.0%
4/30/2019 5:00:00 AM	35.0	8	10	45	31.3	80.0%
4/30/2019 6:00:00 AM	36.4	37	43	45	31.9	83.7%
4/30/2019 7:00:00 AM	34.4	73	86	70	31.1	90.7%
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	65	76	40	28.4	56.6%

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

Date/Time Ending	85th pctl(mph)	85th pctl counts	Total	Max Speed	Avg Speeder	% Speeders
4/23/2019 12:00:00 AM	34.1	1864	2193	55	30.5	83.9%
4/24/2019 12:00:00 AM	32.9	1975	2323	60	29.8	77.3%
4/25/2019 12:00:00 AM	32.9	1902	2238	45	29.7	77.8%
4/26/2019 12:00:00 AM	33.3	2172	2555	75	30.0	77.3%
4/27/2019 12:00:00 AM	34.0	2306	2713	65	30.5	79.7%
4/28/2019 12:00:00 AM	33.6	1908	2245	60	30.2	81.6%
4/29/2019 12:00:00 AM	33.9	1718	2021	65	30.4	80.8%
4/30/2019 12:00:00 AM	33.4	2196	2583	55	30.1	76.1%
4/30/2019 1:40:00 PM	31.9	916	1078	70	29.5	69.0%