

TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer
Location/Name: BEACON HILL AT SCHOOLHOUSE W/B
Report Generated: 10/23/2019 6:29:21 AM
Speed Intervals = 5 mph
Time Intervals = 5 minutes

Traffic Report From 10/16/2019 9:55:00 AM through 10/23/2019 6:20:00 AM

85th Percentile Speed = 27.6 mph
85th Percentile Vehicles = 13,094 counts
Max Speed = 65.0 mph on 10/22/2019 8:15:00 AM
Total Vehicles = 15,405 counts
AADT: 2248.7

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		2,099	2,061
AM peak	8:00 to 9:00	81	77
PM peak	5:00 to 6:00	255	234

Speed

Speed limit: 25 mph
85th Percentile Speed: 27.6 mph
Average Speed: 22.7 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	643	589	484	669	700	606	523
% over limit	26.5	25.8	24.8	27.5	29.4	29.1	28.3
Avg speeder	28.2	28.4	28.2	28.4	28.5	28.4	28.2

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
10/16/2019 10:00:00 AM	0.0	0	0	0	NaN	NaN
10/16/2019 11:00:00 AM	26.7	31	37	45	30.0	21.6%
10/16/2019 12:00:00 PM	27.5	92	108	35	27.8	27.8%
10/16/2019 1:00:00 PM	26.2	116	137	35	27.9	19.7%
10/16/2019 2:00:00 PM	27.3	105	124	35	28.3	25.0%
10/16/2019 3:00:00 PM	26.6	142	167	40	28.4	20.4%
10/16/2019 4:00:00 PM	27.8	172	202	35	28.0	29.7%
10/16/2019 5:00:00 PM	26.7	207	244	40	28.3	21.7%
10/16/2019 6:00:00 PM	27.2	230	271	35	28.3	24.4%
10/16/2019 7:00:00 PM	27.5	198	233	35	28.3	25.8%
10/16/2019 8:00:00 PM	27.3	130	153	35	27.9	26.1%
10/16/2019 9:00:00 PM	28.2	76	90	45	29.1	31.1%
10/16/2019 10:00:00 PM	26.4	49	58	35	27.9	20.7%
10/16/2019 11:00:00 PM	27.3	42	49	35	27.9	24.5%
10/17/2019 12:00:00 AM	29.3	20	23	35	28.6	39.1%
10/17/2019 1:00:00 AM	28.3	5	6	30	27.5	50.0%
10/17/2019 2:00:00 AM	25.0	3	4	40	37.5	25.0%
10/17/2019 3:00:00 AM	23.8	4	5	25	NaN	0.0%
10/17/2019 4:00:00 AM	30.0	8	9	35	29.2	33.3%
10/17/2019 5:00:00 AM	29.0	5	6	30	27.5	83.3%
10/17/2019 6:00:00 AM	27.5	10	12	40	30.8	25.0%
10/17/2019 7:00:00 AM	26.7	24	28	30	27.5	21.4%
10/17/2019 8:00:00 AM	28.1	82	96	35	28.2	31.3%
10/17/2019 9:00:00 AM	28.2	83	98	35	27.9	36.7%
10/17/2019 10:00:00 AM	29.1	71	84	40	29.1	38.1%
10/17/2019 11:00:00 AM	27.9	76	89	35	28.3	28.1%
10/17/2019 12:00:00 PM	27.7	109	128	40	29.1	25.0%
10/17/2019 1:00:00 PM	27.6	120	141	40	28.3	27.7%
10/17/2019 2:00:00 PM	26.7	130	153	40	28.3	21.6%
10/17/2019 3:00:00 PM	28.3	158	186	35	28.6	31.2%
10/17/2019 4:00:00 PM	27.9	175	206	35	28.2	29.6%
10/17/2019 5:00:00 PM	28.1	190	224	40	28.4	32.6%

10/17/2019 6:00:00 PM	27.3	244	287	35	28.1	25.1%
10/17/2019 7:00:00 PM	26.9	193	227	35	28.0	22.9%
10/17/2019 8:00:00 PM	26.8	144	170	40	28.4	21.8%
10/17/2019 9:00:00 PM	27.0	101	119	35	27.8	24.4%
10/17/2019 10:00:00 PM	27.6	71	84	40	28.9	26.2%
10/17/2019 11:00:00 PM	27.2	46	54	35	28.8	22.2%
10/18/2019 12:00:00 AM	28.8	20	23	35	29.2	26.1%
10/18/2019 1:00:00 AM	33.3	12	14	40	31.7	42.9%
10/18/2019 2:00:00 AM	28.3	8	9	30	27.5	33.3%
10/18/2019 3:00:00 AM	25.0	8	9	50	47.5	11.1%
10/18/2019 4:00:00 AM	26.7	8	10	30	27.5	30.0%
10/18/2019 5:00:00 AM	25.0	4	5	30	27.5	20.0%
10/18/2019 6:00:00 AM	28.3	12	14	50	32.5	28.6%
10/18/2019 7:00:00 AM	31.0	23	27	35	31.1	25.9%
10/18/2019 8:00:00 AM	27.2	48	56	40	29.2	21.4%
10/18/2019 9:00:00 AM	27.9	58	68	35	28.3	29.4%
10/18/2019 10:00:00 AM	28.4	78	92	35	28.2	37.0%
10/18/2019 11:00:00 AM	29.5	76	90	40	29.5	36.7%
10/18/2019 12:00:00 PM	28.2	111	131	35	28.6	30.5%
10/18/2019 1:00:00 PM	28.2	139	163	40	28.3	32.5%
10/18/2019 2:00:00 PM	27.6	131	154	40	28.8	25.3%
10/18/2019 3:00:00 PM	28.4	158	186	35	28.1	37.6%
10/18/2019 4:00:00 PM	28.3	154	181	35	28.2	33.7%
10/18/2019 5:00:00 PM	28.8	204	240	45	28.7	37.1%
10/18/2019 6:00:00 PM	26.8	212	249	40	28.3	21.3%
10/18/2019 7:00:00 PM	27.9	178	209	35	28.2	29.7%
10/18/2019 8:00:00 PM	27.4	141	166	40	27.9	27.1%
10/18/2019 9:00:00 PM	27.7	87	102	35	28.4	26.5%
10/18/2019 10:00:00 PM	26.3	61	72	40	28.6	19.4%
10/18/2019 11:00:00 PM	26.3	65	76	35	28.2	18.4%
10/19/2019 12:00:00 AM	27.1	47	55	35	29.3	20.0%
10/19/2019 1:00:00 AM	27.5	22	26	35	28.2	26.9%
10/19/2019 2:00:00 AM	28.8	7	8	30	27.5	50.0%
10/19/2019 3:00:00 AM	26.7	9	11	30	27.5	27.3%

10/19/2019 4:00:00 AM	25.0	7	8	35	32.5	12.5%
10/19/2019 5:00:00 AM	22.5	4	5	25	NaN	0.0%
10/19/2019 6:00:00 AM	25.0	6	7	30	27.5	14.3%
10/19/2019 7:00:00 AM	27.5	14	16	35	29.2	18.8%
10/19/2019 8:00:00 AM	26.3	14	17	30	27.5	23.5%
10/19/2019 9:00:00 AM	29.1	53	62	35	28.9	35.5%
10/19/2019 10:00:00 AM	28.1	76	90	45	28.7	32.2%
10/19/2019 11:00:00 AM	27.8	82	97	35	28.0	30.9%
10/19/2019 12:00:00 PM	28.8	116	137	35	28.7	37.2%
10/19/2019 1:00:00 PM	28.1	150	177	35	28.3	32.2%
10/19/2019 2:00:00 PM	28.0	146	172	40	28.2	32.0%
10/19/2019 3:00:00 PM	28.6	126	148	45	28.6	36.5%
10/19/2019 4:00:00 PM	27.9	166	195	45	28.5	28.7%
10/19/2019 5:00:00 PM	28.2	141	166	40	28.4	33.1%
10/19/2019 6:00:00 PM	27.9	155	182	35	28.0	30.2%
10/19/2019 7:00:00 PM	27.4	148	174	35	28.2	25.9%
10/19/2019 8:00:00 PM	26.0	108	127	40	28.4	18.1%
10/19/2019 9:00:00 PM	24.9	79	93	30	27.5	14.0%
10/19/2019 10:00:00 PM	27.5	55	65	40	28.7	26.2%
10/19/2019 11:00:00 PM	27.7	47	55	35	28.2	27.3%
10/20/2019 12:00:00 AM	24.5	33	39	35	28.8	10.3%
10/20/2019 1:00:00 AM	30.0	20	23	40	31.5	21.7%
10/20/2019 2:00:00 AM	24.3	8	10	30	27.5	10.0%
10/20/2019 3:00:00 AM	27.5	6	7	30	27.5	28.6%
10/20/2019 4:00:00 AM	30.0	7	8	40	30.8	37.5%
10/20/2019 5:00:00 AM	32.5	4	5	35	30.8	60.0%
10/20/2019 6:00:00 AM	25.0	1	1	25	NaN	0.0%
10/20/2019 7:00:00 AM	23.6	8	10	25	NaN	0.0%
10/20/2019 8:00:00 AM	27.5	15	18	35	28.5	27.8%
10/20/2019 9:00:00 AM	26.3	26	30	35	28.5	16.7%
10/20/2019 10:00:00 AM	27.0	43	51	35	28.3	23.5%
10/20/2019 11:00:00 AM	27.7	82	96	35	28.1	28.1%
10/20/2019 12:00:00 PM	28.6	86	101	35	28.0	42.6%
10/20/2019 1:00:00 PM	27.5	117	138	35	27.8	29.0%

10/20/2019 2:00:00 PM	28.0	128	150	35	28.1	31.3%
10/20/2019 3:00:00 PM	28.1	141	166	35	28.1	32.5%
10/20/2019 4:00:00 PM	27.5	146	172	40	27.9	28.5%
10/20/2019 5:00:00 PM	28.2	161	189	40	28.5	32.8%
10/20/2019 6:00:00 PM	27.8	166	195	35	28.1	29.7%
10/20/2019 7:00:00 PM	27.1	125	147	45	28.4	23.8%
10/20/2019 8:00:00 PM	27.5	117	138	35	27.9	28.3%
10/20/2019 9:00:00 PM	26.3	71	83	40	28.8	18.1%
10/20/2019 10:00:00 PM	24.8	53	62	30	27.5	12.9%
10/20/2019 11:00:00 PM	25.0	25	29	30	27.5	13.8%
10/21/2019 12:00:00 AM	27.5	16	19	35	28.5	26.3%
10/21/2019 1:00:00 AM	25.0	6	7	30	27.5	14.3%
10/21/2019 2:00:00 AM	25.0	8	10	35	30.0	20.0%
10/21/2019 3:00:00 AM	25.0	3	3	25	NaN	0.0%
10/21/2019 4:00:00 AM	30.0	7	8	35	30.0	25.0%
10/21/2019 5:00:00 AM	30.0	3	3	30	27.5	66.7%
10/21/2019 6:00:00 AM	28.3	8	9	30	27.5	33.3%
10/21/2019 7:00:00 AM	24.4	31	37	40	30.0	10.8%
10/21/2019 8:00:00 AM	28.3	121	142	35	28.0	36.6%
10/21/2019 9:00:00 AM	26.9	118	139	35	27.8	23.7%
10/21/2019 10:00:00 AM	26.9	77	91	35	28.5	22.0%
10/21/2019 11:00:00 AM	26.4	75	88	35	28.4	19.3%
10/21/2019 12:00:00 PM	27.6	109	128	35	27.9	28.9%
10/21/2019 1:00:00 PM	27.8	128	150	35	27.7	32.0%
10/21/2019 2:00:00 PM	27.6	128	150	35	28.4	25.3%
10/21/2019 3:00:00 PM	27.1	143	168	35	28.3	23.2%
10/21/2019 4:00:00 PM	27.9	172	202	45	28.4	29.7%
10/21/2019 5:00:00 PM	27.5	211	248	40	28.4	25.8%
10/21/2019 6:00:00 PM	28.0	203	239	35	28.1	31.8%
10/21/2019 7:00:00 PM	27.0	195	229	35	28.2	22.7%
10/21/2019 8:00:00 PM	26.3	116	136	35	28.1	19.1%
10/21/2019 9:00:00 PM	27.2	88	104	35	27.9	26.0%
10/21/2019 10:00:00 PM	28.6	60	71	45	28.8	36.6%
10/21/2019 11:00:00 PM	27.0	40	47	35	28.0	23.4%

10/22/2019 12:00:00 AM	26.7	13	15	30	27.5	20.0%
10/22/2019 1:00:00 AM	25.0	4	5	30	27.5	20.0%
10/22/2019 2:00:00 AM	24.0	9	11	30	27.5	9.1%
10/22/2019 3:00:00 AM	25.0	4	5	30	27.5	20.0%
10/22/2019 4:00:00 AM	23.8	3	4	25	NaN	0.0%
10/22/2019 5:00:00 AM	28.3	4	5	30	27.5	60.0%
10/22/2019 6:00:00 AM	26.7	12	14	30	27.5	21.4%
10/22/2019 7:00:00 AM	27.8	35	41	35	28.4	26.8%
10/22/2019 8:00:00 AM	27.1	102	120	35	29.1	20.8%
10/22/2019 9:00:00 AM	27.9	76	90	65	30.1	27.8%
10/22/2019 10:00:00 AM	28.0	59	69	35	28.6	27.5%
10/22/2019 11:00:00 AM	27.5	60	71	45	28.2	29.6%
10/22/2019 12:00:00 PM	27.2	99	116	40	28.4	23.3%
10/22/2019 1:00:00 PM	27.8	122	144	35	28.0	30.6%
10/22/2019 2:00:00 PM	27.7	114	134	35	28.2	28.4%
10/22/2019 3:00:00 PM	27.8	135	159	50	28.5	29.6%
10/22/2019 4:00:00 PM	27.7	158	186	40	28.3	28.0%
10/22/2019 5:00:00 PM	27.4	193	227	35	27.9	26.9%
10/22/2019 6:00:00 PM	27.8	246	290	35	28.1	30.3%
10/22/2019 7:00:00 PM	27.3	196	231	35	28.2	25.1%
10/22/2019 8:00:00 PM	26.3	134	158	35	28.5	19.0%
10/22/2019 9:00:00 PM	25.8	78	92	40	28.8	17.4%
10/22/2019 10:00:00 PM	25.0	43	51	35	30.0	15.7%
10/22/2019 11:00:00 PM	27.0	33	39	45	31.9	20.5%
10/23/2019 12:00:00 AM	25.0	20	23	40	32.5	13.0%
10/23/2019 1:00:00 AM	27.5	14	17	35	30.0	23.5%
10/23/2019 2:00:00 AM	26.7	8	10	30	27.5	30.0%
10/23/2019 3:00:00 AM	25.0	1	1	25	NaN	0.0%
10/23/2019 4:00:00 AM	24.0	8	10	30	27.5	10.0%
10/23/2019 5:00:00 AM	28.3	6	7	30	27.5	42.9%
10/23/2019 6:00:00 AM	27.5	8	9	30	27.5	22.2%
10/23/2019 7:00:00 AM	23.3	3	4	25	NaN	0.0%

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

Date/Time Ending	85th pctl(mph)	85th pctl counts	Total	Max Speed	Avg Speeder	% Speeders
10/17/2019 12:00:00 AM	27.3	1612	1896	45	28.2	24.8%
10/18/2019 12:00:00 AM	27.7	2073	2439	40	28.4	27.5%
10/19/2019 12:00:00 AM	28.0	2021	2378	50	28.5	29.5%
10/20/2019 12:00:00 AM	27.9	1765	2077	45	28.4	29.1%
10/21/2019 12:00:00 AM	27.7	1571	1848	45	28.2	28.2%
10/22/2019 12:00:00 AM	27.5	2060	2424	45	28.2	26.5%
10/23/2019 12:00:00 AM	27.5	1942	2285	65	28.4	25.8%
10/23/2019 6:20:00 AM	26.8	49	58	35	28.3	22.4%