

# TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer  
Location/Name: BEACON HILL E/B AT PASADENA  
Report Generated: 6/6/2019 6:20:31 AM  
Speed Intervals = 5 mph  
Time Intervals = 5 minutes

Traffic Report From 5/29/2019 6:40:46 AM through 6/6/2019 6:05:00 AM

85th Percentile Speed = 28.3 mph  
85th Percentile Vehicles = 15,279 counts  
**Max Speed = 100.0 mph on 6/6/2019 4:10:00 AM**  
Total Vehicles = 17,975 counts  
AADT: 2253.9

## Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		2,064	2,081
AM peak	8:00 to 9:00	121	108
PM peak	3:00 to 4:00	175	172

## Speed

Speed limit: 25 mph  
85th Percentile Speed: 28.3 mph  
Average Speed: 23.7 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	791	753	1492	907	934	841	699
% over limit	35.2	34.1	33.9	37.6	38.0	37.4	35.1
Avg speeder	28.3	28.4	28.3	28.3	28.2	28.4	28.3

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

<b>Date/Time Ending</b>	<b>85th pctl(mph)</b>	<b>85th pctl cnts</b>	<b>Total cnts</b>	<b>Max Speed</b>	<b>Avg Speeder</b>	<b>% Speeders</b>
5/29/2019 7:00:00 AM	27.1	20	24	30	27.5	29.2%
5/29/2019 8:00:00 AM	29.0	102	120	35	28.9	35.8%
5/29/2019 9:00:00 AM	27.7	153	180	60	28.3	30.0%
5/29/2019 10:00:00 AM	28.6	112	132	40	28.7	35.6%
5/29/2019 11:00:00 AM	28.4	109	128	35	28.3	34.4%
5/29/2019 12:00:00 PM	28.2	116	136	35	28.0	34.6%
5/29/2019 1:00:00 PM	28.1	110	130	35	27.8	36.9%
5/29/2019 2:00:00 PM	28.7	118	139	35	28.3	38.8%
5/29/2019 3:00:00 PM	28.5	139	163	40	28.3	36.8%
5/29/2019 4:00:00 PM	28.3	139	164	40	28.3	35.4%
5/29/2019 5:00:00 PM	28.4	156	183	55	28.6	35.0%
5/29/2019 6:00:00 PM	28.8	150	176	75	29.4	39.2%
5/29/2019 7:00:00 PM	29.0	127	149	40	28.7	45.0%
5/29/2019 8:00:00 PM	28.3	103	121	35	28.2	34.7%
5/29/2019 9:00:00 PM	27.8	94	111	35	28.1	30.6%
5/29/2019 10:00:00 PM	26.6	67	79	35	27.8	21.5%
5/29/2019 11:00:00 PM	27.9	63	74	40	28.7	28.4%
5/30/2019 12:00:00 AM	28.8	23	27	40	31.1	25.9%
5/30/2019 1:00:00 AM	30.0	8	9	35	30.0	22.2%
5/30/2019 2:00:00 AM	30.0	10	12	40	32.5	25.0%
5/30/2019 3:00:00 AM	25.0	4	5	30	27.5	20.0%
5/30/2019 4:00:00 AM	30.0	6	7	35	28.8	57.1%
5/30/2019 5:00:00 AM	29.0	8	10	65	33.3	60.0%
5/30/2019 6:00:00 AM	29.0	29	34	35	28.7	38.2%
5/30/2019 7:00:00 AM	28.8	57	67	35	28.0	46.3%
5/30/2019 8:00:00 AM	28.3	113	133	35	28.1	35.3%
5/30/2019 9:00:00 AM	28.2	118	139	35	28.1	33.8%
5/30/2019 10:00:00 AM	28.6	88	103	45	28.5	40.8%
5/30/2019 11:00:00 AM	27.9	90	106	35	28.1	30.2%
5/30/2019 12:00:00 PM	28.6	110	129	35	28.2	38.8%
5/30/2019 1:00:00 PM	28.5	98	115	40	28.0	41.7%
5/30/2019 2:00:00 PM	28.0	103	121	65	28.7	33.9%

5/30/2019 3:00:00 PM	28.5	138	162	50	28.4	38.9%
5/30/2019 4:00:00 PM	28.3	159	187	35	27.9	38.5%
5/30/2019 5:00:00 PM	28.3	157	185	35	28.0	37.3%
5/30/2019 6:00:00 PM	28.4	134	158	35	27.9	40.5%
5/30/2019 7:00:00 PM	28.7	156	183	35	28.0	43.2%
5/30/2019 8:00:00 PM	28.4	131	154	55	28.3	39.0%
5/30/2019 9:00:00 PM	28.0	86	101	35	28.5	28.7%
5/30/2019 10:00:00 PM	28.5	85	100	35	27.7	44.0%
5/30/2019 11:00:00 PM	27.7	48	57	35	28.4	28.1%
5/31/2019 12:00:00 AM	28.8	31	36	35	28.9	30.6%
5/31/2019 1:00:00 AM	25.0	11	13	30	27.5	15.4%
5/31/2019 2:00:00 AM	27.5	9	11	30	27.5	36.4%
5/31/2019 3:00:00 AM	26.7	10	12	30	27.5	25.0%
5/31/2019 4:00:00 AM	28.3	8	10	35	28.8	40.0%
5/31/2019 5:00:00 AM	30.0	6	7	35	29.2	42.9%
5/31/2019 6:00:00 AM	28.1	22	26	35	28.1	34.6%
5/31/2019 7:00:00 AM	29.7	56	66	40	28.7	59.1%
5/31/2019 8:00:00 AM	27.9	96	113	40	27.9	33.6%
5/31/2019 9:00:00 AM	27.9	90	106	35	27.9	32.1%
5/31/2019 10:00:00 AM	28.6	87	102	45	28.7	37.3%
5/31/2019 11:00:00 AM	28.3	99	116	35	27.8	38.8%
5/31/2019 12:00:00 PM	28.5	121	142	40	28.1	39.4%
5/31/2019 1:00:00 PM	28.8	137	161	35	28.0	47.8%
5/31/2019 2:00:00 PM	28.5	114	134	35	28.2	38.1%
5/31/2019 3:00:00 PM	28.5	142	167	50	28.5	37.1%
5/31/2019 4:00:00 PM	28.6	168	198	40	28.2	41.9%
5/31/2019 5:00:00 PM	28.6	133	156	40	28.3	39.1%
5/31/2019 6:00:00 PM	28.4	146	172	35	28.1	36.6%
5/31/2019 7:00:00 PM	28.6	162	190	35	28.1	41.6%
5/31/2019 8:00:00 PM	28.4	139	164	35	28.2	36.6%
5/31/2019 9:00:00 PM	27.9	127	149	40	28.7	28.2%
5/31/2019 10:00:00 PM	28.2	94	110	35	28.0	33.6%
5/31/2019 11:00:00 PM	28.3	81	95	45	28.6	32.6%
6/1/2019 12:00:00 AM	27.7	36	42	35	27.9	28.6%

6/1/2019 1:00:00 AM	27.5	25	29	35	28.2	24.1%
6/1/2019 2:00:00 AM	26.7	13	15	30	27.5	20.0%
6/1/2019 3:00:00 AM	28.3	12	14	50	32.5	28.6%
6/1/2019 4:00:00 AM	30.0	8	10	40	30.5	50.0%
6/1/2019 5:00:00 AM	30.0	4	5	35	29.2	60.0%
6/1/2019 6:00:00 AM	29.4	18	21	40	29.0	47.6%
6/1/2019 7:00:00 AM	29.7	36	42	40	29.0	47.6%
6/1/2019 8:00:00 AM	28.2	42	49	35	27.8	36.7%
6/1/2019 9:00:00 AM	27.6	49	58	35	27.8	31.0%
6/1/2019 10:00:00 AM	28.0	86	101	55	29.9	28.7%
6/1/2019 11:00:00 AM	28.5	85	100	45	28.4	38.0%
6/1/2019 12:00:00 PM	28.6	140	165	40	28.1	42.4%
6/1/2019 1:00:00 PM	28.2	134	158	40	28.1	34.8%
6/1/2019 2:00:00 PM	27.9	151	178	45	28.3	32.0%
6/1/2019 3:00:00 PM	29.2	136	160	40	28.8	41.9%
6/1/2019 4:00:00 PM	28.7	144	169	35	28.1	41.4%
6/1/2019 5:00:00 PM	28.9	126	148	40	28.6	39.9%
6/1/2019 6:00:00 PM	28.4	126	148	40	28.2	37.2%
6/1/2019 7:00:00 PM	28.4	132	155	35	27.9	40.6%
6/1/2019 8:00:00 PM	28.9	131	154	35	28.1	46.1%
6/1/2019 9:00:00 PM	28.5	90	106	35	28.4	34.9%
6/1/2019 10:00:00 PM	28.1	103	121	35	28.3	31.4%
6/1/2019 11:00:00 PM	27.9	75	88	35	28.3	28.4%
6/2/2019 12:00:00 AM	27.9	50	59	35	28.0	32.2%
6/2/2019 1:00:00 AM	28.8	25	29	40	28.3	44.8%
6/2/2019 2:00:00 AM	28.1	20	23	30	27.5	34.8%
6/2/2019 3:00:00 AM	28.3	9	11	40	30.0	36.4%
6/2/2019 4:00:00 AM	25.0	4	5	35	32.5	20.0%
6/2/2019 5:00:00 AM	28.3	7	8	30	27.5	37.5%
6/2/2019 6:00:00 AM	28.6	9	11	30	27.5	63.6%
6/2/2019 7:00:00 AM	29.5	21	25	35	28.7	52.0%
6/2/2019 8:00:00 AM	25.0	19	22	30	27.5	13.6%
6/2/2019 9:00:00 AM	27.1	37	43	35	28.6	20.9%
6/2/2019 10:00:00 AM	27.5	61	72	45	29.4	25.0%

6/2/2019 11:00:00 AM	28.9	104	122	35	28.3	43.4%
6/2/2019 12:00:00 PM	29.0	102	120	75	29.6	38.3%
6/2/2019 1:00:00 PM	28.6	128	151	40	28.7	35.1%
6/2/2019 2:00:00 PM	28.4	145	171	35	27.9	39.8%
6/2/2019 3:00:00 PM	28.4	130	153	35	28.2	35.9%
6/2/2019 4:00:00 PM	28.0	139	164	40	27.8	36.0%
6/2/2019 5:00:00 PM	27.5	133	157	35	27.7	29.3%
6/2/2019 6:00:00 PM	28.3	125	147	35	28.0	36.7%
6/2/2019 7:00:00 PM	28.4	122	143	45	28.2	37.8%
6/2/2019 8:00:00 PM	28.5	112	132	40	28.1	40.9%
6/2/2019 9:00:00 PM	27.8	90	106	40	28.1	31.1%
6/2/2019 10:00:00 PM	26.9	77	91	35	27.7	24.2%
6/2/2019 11:00:00 PM	28.0	53	62	35	28.3	29.0%
6/3/2019 12:00:00 AM	30.0	20	23	75	36.7	26.1%
6/3/2019 1:00:00 AM	28.0	14	16	30	27.5	31.3%
6/3/2019 2:00:00 AM	28.8	11	13	35	28.5	38.5%
6/3/2019 3:00:00 AM	30.0	4	5	35	30.0	40.0%
6/3/2019 4:00:00 AM	30.0	3	3	30	27.5	33.3%
6/3/2019 5:00:00 AM	25.0	8	10	30	27.5	20.0%
6/3/2019 6:00:00 AM	29.5	26	30	40	28.9	46.7%
6/3/2019 7:00:00 AM	29.7	43	51	35	28.9	49.0%
6/3/2019 8:00:00 AM	28.6	88	104	50	28.4	43.3%
6/3/2019 9:00:00 AM	29.3	98	115	40	28.4	50.4%
6/3/2019 10:00:00 AM	28.4	79	93	40	28.0	40.9%
6/3/2019 11:00:00 AM	26.0	102	120	35	27.7	18.3%
6/3/2019 12:00:00 PM	28.3	98	115	35	28.4	32.2%
6/3/2019 1:00:00 PM	28.5	116	136	40	28.6	33.8%
6/3/2019 2:00:00 PM	27.5	113	133	35	27.9	27.8%
6/3/2019 3:00:00 PM	28.6	139	164	60	28.7	39.6%
6/3/2019 4:00:00 PM	28.3	156	183	75	28.9	33.3%
6/3/2019 5:00:00 PM	27.9	150	177	45	28.5	30.5%
6/3/2019 6:00:00 PM	28.3	139	164	35	27.7	40.2%
6/3/2019 7:00:00 PM	28.4	155	182	35	28.2	35.2%
6/3/2019 8:00:00 PM	28.2	108	127	35	27.9	35.4%

6/3/2019 9:00:00 PM	29.0	94	110	35	28.5	39.1%
6/3/2019 10:00:00 PM	27.7	84	99	35	28.2	28.3%
6/3/2019 11:00:00 PM	27.3	48	57	40	28.1	28.1%
6/4/2019 12:00:00 AM	27.3	31	37	30	27.5	29.7%
6/4/2019 1:00:00 AM	30.0	14	16	40	30.5	31.3%
6/4/2019 2:00:00 AM	26.7	10	12	30	27.5	25.0%
6/4/2019 3:00:00 AM	25.0	6	7	30	27.5	14.3%
6/4/2019 4:00:00 AM	25.0	7	8	35	32.5	12.5%
6/4/2019 5:00:00 AM	28.3	9	11	95	43.8	36.4%
6/4/2019 6:00:00 AM	29.0	22	26	40	30.6	30.8%
6/4/2019 7:00:00 AM	28.8	46	54	35	28.2	42.6%
6/4/2019 8:00:00 AM	27.6	105	123	70	29.1	27.6%
6/4/2019 9:00:00 AM	28.4	92	108	35	28.1	36.1%
6/4/2019 10:00:00 AM	28.6	75	88	40	28.4	37.5%
6/4/2019 11:00:00 AM	28.1	82	96	55	28.8	32.3%
6/4/2019 12:00:00 PM	28.5	96	113	35	27.9	42.5%
6/4/2019 1:00:00 PM	27.8	120	141	35	27.8	31.2%
6/4/2019 2:00:00 PM	28.0	115	135	55	28.5	32.6%
6/4/2019 3:00:00 PM	28.0	120	141	40	27.9	33.3%
6/4/2019 4:00:00 PM	28.3	129	152	35	27.7	40.8%
6/4/2019 5:00:00 PM	29.0	134	158	35	28.4	44.3%
6/4/2019 6:00:00 PM	28.3	149	175	40	28.3	34.3%
6/4/2019 7:00:00 PM	27.9	139	164	35	27.9	32.9%
6/4/2019 8:00:00 PM	27.7	119	140	35	27.7	30.7%
6/4/2019 9:00:00 PM	27.2	106	125	35	28.3	24.0%
6/4/2019 10:00:00 PM	28.5	99	116	45	28.8	32.8%
6/4/2019 11:00:00 PM	28.8	50	59	75	31.1	37.3%
6/5/2019 12:00:00 AM	26.9	34	40	35	28.1	22.5%
6/5/2019 1:00:00 AM	29.0	14	16	40	29.2	37.5%
6/5/2019 2:00:00 AM	27.5	8	9	30	27.5	22.2%
6/5/2019 3:00:00 AM	27.5	6	7	30	27.5	28.6%
6/5/2019 4:00:00 AM	25.0	9	11	35	32.5	18.2%
6/5/2019 5:00:00 AM	26.7	8	10	30	27.5	30.0%
6/5/2019 6:00:00 AM	29.4	20	23	35	28.5	43.5%

6/5/2019 7:00:00 AM	28.3	48	57	35	27.9	40.4%
6/5/2019 8:00:00 AM	28.8	92	108	40	28.6	38.0%
6/5/2019 9:00:00 AM	27.5	81	95	35	27.9	27.4%
6/5/2019 10:00:00 AM	27.6	73	86	55	29.0	27.9%
6/5/2019 11:00:00 AM	28.8	80	94	35	28.3	40.4%
6/5/2019 12:00:00 PM	27.8	102	120	55	28.4	30.8%
6/5/2019 1:00:00 PM	27.3	105	124	35	27.8	27.4%
6/5/2019 2:00:00 PM	27.6	113	133	35	28.2	27.1%
6/5/2019 3:00:00 PM	27.8	135	159	35	28.0	30.2%
6/5/2019 4:00:00 PM	28.5	148	174	60	28.5	39.7%
6/5/2019 5:00:00 PM	28.2	166	195	40	28.1	34.9%
6/5/2019 6:00:00 PM	28.1	131	154	35	28.0	33.8%
6/5/2019 7:00:00 PM	28.4	138	162	35	27.9	38.9%
6/5/2019 8:00:00 PM	27.8	113	133	35	27.9	31.6%
6/5/2019 9:00:00 PM	27.8	97	114	35	27.6	33.3%
6/5/2019 10:00:00 PM	27.6	88	103	50	28.6	27.2%
6/5/2019 11:00:00 PM	26.4	48	57	35	27.9	21.1%
6/6/2019 12:00:00 AM	27.5	21	25	35	28.2	28.0%
6/6/2019 1:00:00 AM	29.0	15	18	40	30.4	38.9%
6/6/2019 2:00:00 AM	25.0	10	12	30	27.5	16.7%
6/6/2019 3:00:00 AM	25.0	5	6	30	27.5	16.7%
6/6/2019 4:00:00 AM	25.0	7	8	30	27.5	12.5%
6/6/2019 5:00:00 AM	30.0	11	13	100	48.5	38.5%
6/6/2019 6:00:00 AM	28.8	34	40	35	28.4	40.0%
6/6/2019 7:00:00 AM	25.0	2	2	25	NaN	0.0%

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

<b>Date/Time Ending</b>	<b>85th pctl(mph)</b>	<b>85th pctl counts</b>	<b>Total</b>	<b>Max Speed</b>	<b>Avg Speeder</b>	<b>% Speeders</b>
5/30/2019 12:00:00 AM	28.4	1901	2236	75	28.5	35.0%
5/31/2019 12:00:00 AM	28.4	1966	2313	65	28.2	37.8%
6/1/2019 12:00:00 AM	28.5	2093	2462	50	28.2	37.9%
6/2/2019 12:00:00 AM	28.5	1915	2253	55	28.4	37.3%

6/3/2019 12:00:00 AM	28.3	1692	1991	75	28.3	35.2%
6/4/2019 12:00:00 AM	28.3	1907	2244	75	28.3	35.2%
6/5/2019 12:00:00 AM	28.2	1877	2208	95	28.4	34.1%
6/6/2019 12:00:00 AM	28.0	1844	2169	60	28.2	32.8%
6/6/2019 6:05:00 AM	28.4	84	99	100	31.9	32.3%