

# TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer  
Location/Name: BEACON HILL W/B AT PASADENA  
Report Generated: 5/29/2019 6:43:10 AM  
Speed Intervals = 5 mph  
Time Intervals = 5 minutes

Traffic Report From 5/23/2019 3:05:00 PM through 5/29/2019 6:45:00 AM

85th Percentile Speed = 28.2 mph  
85th Percentile Vehicles = 12,597 counts  
Max Speed = 80.0 mph on 5/23/2019 10:25:00 PM  
Total Vehicles = 14,820 counts  
AADT: 2621.7

## Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,984	2,117
AM peak	9:00 to 10:00	78	88
PM peak	5:00 to 6:00	201	194

## Speed

Speed limit: 25 mph  
85th Percentile Speed: 28.2 mph  
Average Speed: 23.4 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	734	1013	58	559	1071	856	773
% over limit	33.6	35.0	42.0	35.3	34.4	33.1	33.5
Avg speeder	28.2	28.3	28.4	28.3	28.5	28.4	28.2

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

<u>Date/Time Ending</u>	<u>85th pctl(mph)</u>	<u>85th pctl cnts</u>	<u>Total cnts</u>	<u>Max Speed</u>	<u>Avg Speeder</u>	<u>% Speeders</u>
5/23/2019 4:00:00 PM	27.5	199	234	35	28.2	26.1%
5/23/2019 5:00:00 PM	28.3	212	249	40	28.0	36.9%
5/23/2019 6:00:00 PM	28.4	220	259	40	28.0	39.0%
5/23/2019 7:00:00 PM	28.6	218	257	70	28.5	40.1%
5/23/2019 8:00:00 PM	28.3	145	171	35	28.1	36.3%
5/23/2019 9:00:00 PM	28.6	120	141	35	28.3	37.6%
5/23/2019 10:00:00 PM	27.0	105	124	40	28.4	23.4%
5/23/2019 11:00:00 PM	28.8	74	87	80	30.1	39.1%
5/24/2019 12:00:00 AM	28.3	55	65	35	28.1	36.9%
5/24/2019 1:00:00 AM	28.6	24	28	40	29.2	32.1%
5/24/2019 2:00:00 AM	27.5	14	17	30	27.5	35.3%
5/24/2019 3:00:00 AM	28.8	14	17	40	28.6	52.9%
5/24/2019 4:00:00 AM	25.0	8	9	35	32.5	11.1%
5/24/2019 5:00:00 AM	30.0	7	8	45	35.0	25.0%
5/24/2019 6:00:00 AM	26.7	17	20	35	28.8	20.0%
5/24/2019 7:00:00 AM	30.0	46	54	35	29.0	50.0%
5/24/2019 8:00:00 AM	28.8	94	111	35	28.2	42.3%
5/24/2019 9:00:00 AM	28.7	131	154	35	28.2	40.9%
5/24/2019 10:00:00 AM	27.5	139	164	40	28.3	26.8%
5/24/2019 11:00:00 AM	27.7	110	130	70	28.8	30.8%
5/24/2019 12:00:00 PM	28.6	156	184	40	28.4	39.7%
5/24/2019 1:00:00 PM	27.8	170	200	35	27.9	30.5%
5/24/2019 2:00:00 PM	28.1	145	171	70	29.2	33.3%
5/24/2019 3:00:00 PM	27.7	182	214	65	29.0	26.6%
5/24/2019 4:00:00 PM	28.2	189	222	45	28.2	34.7%
5/24/2019 5:00:00 PM	28.4	218	256	75	28.7	34.8%
5/24/2019 6:00:00 PM	28.9	254	299	75	28.4	47.5%
5/24/2019 7:00:00 PM	28.4	164	193	40	28.3	36.8%
5/24/2019 8:00:00 PM	27.4	168	198	40	27.8	27.8%
5/24/2019 9:00:00 PM	28.2	122	144	60	29.4	30.6%
5/24/2019 10:00:00 PM	28.5	114	134	65	29.2	38.1%
5/24/2019 11:00:00 PM	26.4	97	114	35	27.9	20.2%

5/25/2019 12:00:00 AM	26.8	65	77	30	27.5	24.7%
5/25/2019 1:00:00 AM	26.8	38	45	30	27.5	24.4%
5/25/2019 2:00:00 AM	28.5	20	24	35	28.0	45.8%
5/25/2019 3:00:00 AM	28.3	20	24	35	28.8	33.3%
5/25/2019 4:00:00 AM	28.0	11	13	30	27.5	38.5%
5/25/2019 5:00:00 AM	30.0	7	8	40	30.8	37.5%
5/25/2019 6:00:00 AM	30.0	8	10	40	31.3	40.0%
5/25/2019 7:00:00 AM	29.4	24	28	50	30.2	39.3%
5/25/2019 8:00:00 AM	30.0	55	65	35	29.4	40.0%
5/25/2019 9:00:00 AM	28.1	52	61	35	28.0	32.8%
5/25/2019 10:00:00 AM	28.6	65	77	35	28.3	39.0%
5/25/2019 11:00:00 AM	27.7	128	151	35	27.8	30.5%
5/25/2019 12:00:00 PM	27.9	150	177	40	28.6	28.8%
5/25/2019 1:00:00 PM	28.1	162	190	35	28.2	31.6%
5/25/2019 2:00:00 PM	28.4	173	203	65	28.7	35.0%
5/25/2019 3:00:00 PM	28.3	162	190	35	28.0	36.3%
5/25/2019 4:00:00 PM	28.4	174	205	40	28.1	37.6%
5/25/2019 5:00:00 PM	27.9	156	183	35	27.9	31.7%
5/25/2019 6:00:00 PM	28.5	148	174	45	28.3	37.9%
5/25/2019 7:00:00 PM	28.5	136	160	55	28.9	33.8%
5/25/2019 8:00:00 PM	28.8	156	184	60	28.9	39.1%
5/25/2019 9:00:00 PM	27.6	138	162	35	27.7	29.6%
5/25/2019 10:00:00 PM	27.0	107	126	35	27.8	23.8%
5/25/2019 11:00:00 PM	26.0	66	78	40	29.3	17.9%
5/26/2019 12:00:00 AM	26.8	42	49	30	27.5	22.4%
5/26/2019 1:00:00 AM	26.7	30	35	40	28.9	20.0%
5/26/2019 2:00:00 AM	26.3	35	41	30	27.5	19.5%
5/26/2019 3:00:00 AM	25.0	8	10	30	27.5	20.0%
5/26/2019 4:00:00 AM	29.4	15	18	35	28.5	55.6%
5/26/2019 5:00:00 AM	25.0	2	2	25	NaN	0.0%
5/26/2019 6:00:00 AM	30.0	8	9	45	31.3	44.4%
5/26/2019 7:00:00 AM	24.4	10	12	30	27.5	8.3%
5/26/2019 8:00:00 AM	29.0	20	23	35	28.0	47.8%
5/26/2019 9:00:00 AM	28.2	31	37	40	28.7	35.1%

5/26/2019 10:00:00 AM	27.3	79	93	35	28.2	24.7%
5/26/2019 11:00:00 AM	28.2	103	121	35	27.8	37.2%
5/26/2019 12:00:00 PM	28.1	108	127	35	28.0	33.9%
5/26/2019 1:00:00 PM	27.4	151	178	40	28.1	26.4%
5/26/2019 2:00:00 PM	28.5	161	189	40	28.2	40.2%
5/26/2019 3:00:00 PM	27.9	167	197	35	27.7	34.5%
5/26/2019 4:00:00 PM	28.1	138	162	40	28.4	32.1%
5/26/2019 5:00:00 PM	28.3	168	198	40	28.4	34.3%
5/26/2019 6:00:00 PM	28.5	163	192	35	28.3	37.5%
5/26/2019 7:00:00 PM	28.8	136	160	45	29.0	37.5%
5/26/2019 8:00:00 PM	28.4	138	162	35	27.7	41.4%
5/26/2019 9:00:00 PM	28.5	95	112	40	28.6	36.6%
5/26/2019 10:00:00 PM	27.1	93	109	35	27.7	24.8%
5/26/2019 11:00:00 PM	26.7	63	74	35	27.8	21.6%
5/27/2019 12:00:00 AM	27.9	42	49	35	28.2	28.6%
5/27/2019 1:00:00 AM	26.7	20	24	30	27.5	25.0%
5/27/2019 2:00:00 AM	28.8	25	29	50	31.8	24.1%
5/27/2019 3:00:00 AM	26.7	14	16	30	27.5	18.8%
5/27/2019 4:00:00 AM	23.3	9	11	25	NaN	0.0%
5/27/2019 5:00:00 AM	25.0	9	11	30	27.5	18.2%
5/27/2019 6:00:00 AM	30.0	7	8	40	32.5	25.0%
5/27/2019 7:00:00 AM	30.0	20	23	40	30.0	34.8%
5/27/2019 8:00:00 AM	27.7	38	45	35	28.3	28.9%
5/27/2019 9:00:00 AM	29.2	47	55	40	29.4	32.7%
5/27/2019 10:00:00 AM	28.3	75	88	35	28.1	35.2%
5/27/2019 11:00:00 AM	27.1	92	108	30	27.5	25.9%
5/27/2019 12:00:00 PM	27.8	136	160	65	28.8	29.4%
5/27/2019 1:00:00 PM	28.1	154	181	35	28.1	33.1%
5/27/2019 2:00:00 PM	27.7	127	149	35	27.8	29.5%
5/27/2019 3:00:00 PM	28.2	142	167	35	27.9	35.9%
5/27/2019 4:00:00 PM	28.2	144	170	35	28.0	36.5%
5/27/2019 5:00:00 PM	28.8	148	174	40	28.6	39.7%
5/27/2019 6:00:00 PM	28.3	133	157	55	28.6	36.3%
5/27/2019 7:00:00 PM	28.4	123	145	40	28.2	37.2%

5/27/2019 8:00:00 PM	28.6	127	149	35	28.3	36.9%
5/27/2019 9:00:00 PM	28.0	113	133	40	28.1	33.8%
5/27/2019 10:00:00 PM	27.7	78	92	35	27.7	31.5%
5/27/2019 11:00:00 PM	27.9	50	59	30	27.5	35.6%
5/28/2019 12:00:00 AM	28.5	28	33	35	27.9	42.4%
5/28/2019 1:00:00 AM	29.3	13	15	35	28.1	53.3%
5/28/2019 2:00:00 AM	24.2	9	11	30	27.5	9.1%
5/28/2019 3:00:00 AM	28.0	8	10	30	27.5	50.0%
5/28/2019 4:00:00 AM	27.5	6	7	30	27.5	28.6%
5/28/2019 5:00:00 AM	35.0	3	3	35	32.5	33.3%
5/28/2019 6:00:00 AM	32.5	19	22	40	31.3	36.4%
5/28/2019 7:00:00 AM	29.2	65	76	50	29.0	43.4%
5/28/2019 8:00:00 AM	28.6	76	89	40	28.3	40.4%
5/28/2019 9:00:00 AM	27.8	131	154	45	28.3	29.2%
5/28/2019 10:00:00 AM	28.8	118	139	75	29.6	40.3%
5/28/2019 11:00:00 AM	27.3	110	130	35	28.1	26.2%
5/28/2019 12:00:00 PM	27.9	142	167	35	27.9	32.9%
5/28/2019 1:00:00 PM	27.7	128	151	35	27.8	31.1%
5/28/2019 2:00:00 PM	27.8	146	172	75	28.9	29.7%
5/28/2019 3:00:00 PM	28.0	176	207	35	27.9	33.8%
5/28/2019 4:00:00 PM	28.0	183	215	35	27.8	33.5%
5/28/2019 5:00:00 PM	28.4	242	285	55	28.6	34.7%
5/28/2019 6:00:00 PM	28.7	224	264	40	28.2	43.2%
5/28/2019 7:00:00 PM	28.7	192	226	40	28.2	41.6%
5/28/2019 8:00:00 PM	28.4	157	185	35	28.0	38.9%
5/28/2019 9:00:00 PM	28.0	121	142	35	27.9	32.4%
5/28/2019 10:00:00 PM	27.6	93	109	35	27.7	29.4%
5/28/2019 11:00:00 PM	27.6	60	71	50	29.0	28.2%
5/29/2019 12:00:00 AM	26.3	39	46	35	28.1	19.6%
5/29/2019 1:00:00 AM	28.3	16	19	35	28.2	36.8%
5/29/2019 2:00:00 AM	26.7	12	14	30	27.5	21.4%
5/29/2019 3:00:00 AM	28.8	14	16	35	28.5	31.3%
5/29/2019 4:00:00 AM	28.8	10	12	35	28.5	41.7%
5/29/2019 5:00:00 AM	30.0	7	8	35	28.5	62.5%

5/29/2019 6:00:00 AM	28.9	21	25	35	28.4	44.0%
5/29/2019 7:00:00 AM	29.7	35	41	35	28.6	53.7%

**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>
5/24/2019 12:00:00 AM	28.3	1349	1587	80	28.3	35.2%
5/25/2019 12:00:00 AM	28.2	2650	3118	75	28.5	34.3%
5/26/2019 12:00:00 AM	28.2	2199	2587	65	28.4	33.1%
5/27/2019 12:00:00 AM	28.1	1964	2310	45	28.2	33.5%
5/28/2019 12:00:00 AM	28.1	1859	2187	65	28.2	33.6%
5/29/2019 12:00:00 AM	28.2	2462	2896	75	28.3	34.9%
5/29/2019 6:45:00 AM	29.0	115	135	35	28.4	43.0%