

# TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer  
Location/Name: 5142 BEACON HILL W/B  
Report Generated: 6/14/2021 7:13:54 AM  
Speed Intervals = 5 mph  
Time Intervals = 5 minutes

Traffic Report From 6/7/2021 7:00:00 AM through 6/14/2021 7:05:00 AM

85th Percentile Speed = 30.7 mph  
85th Percentile Vehicles = 12,561 counts  
Max Speed = 85.0 mph on 6/9/2021 6:15:00 PM  
Total Vehicles = 14,778 counts  
AADT: 2110.1

## Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,982	1,963
AM peak	10:00 to 11:00	102	101
PM peak	5:00 to 6:00	194	180

## Speed

Speed limit: 25 mph  
85th Percentile Speed: 30.7 mph  
Average Speed: 26.4 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	1342	1411	1414	1488	1517	1459	1277
% over limit	64.7	65.4	67.2	65.8	64.6	69.9	73.3
Avg speeder	29.1	29.0	28.9	28.8	29.0	29.1	29.3

### 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>
6/7/2021 8:00:00 AM	31.6	85	100	45	29.3	65.0%
6/7/2021 9:00:00 AM	29.9	84	99	40	28.8	61.6%
6/7/2021 10:00:00 AM	29.8	63	74	40	28.8	58.1%
6/7/2021 11:00:00 AM	29.1	74	87	40	28.1	57.5%
6/7/2021 12:00:00 PM	29.8	85	100	35	28.5	64.0%
6/7/2021 1:00:00 PM	29.7	107	126	35	28.5	59.5%
6/7/2021 2:00:00 PM	30.8	124	146	75	29.6	65.1%
6/7/2021 3:00:00 PM	30.0	116	137	45	28.9	64.2%
6/7/2021 4:00:00 PM	31.7	129	152	40	29.4	65.8%
6/7/2021 5:00:00 PM	30.8	165	194	70	29.1	70.6%
6/7/2021 6:00:00 PM	31.6	156	183	40	29.2	67.2%
6/7/2021 7:00:00 PM	31.4	125	147	40	29.0	76.9%
6/7/2021 8:00:00 PM	30.7	126	148	45	29.0	64.9%
6/7/2021 9:00:00 PM	30.0	97	114	40	28.9	57.9%
6/7/2021 10:00:00 PM	29.5	62	73	45	28.8	52.1%
6/7/2021 11:00:00 PM	29.5	38	45	40	28.7	57.8%
6/8/2021 12:00:00 AM	35.0	14	16	40	30.2	68.8%
6/8/2021 1:00:00 AM	29.4	14	16	35	28.0	62.5%
6/8/2021 2:00:00 AM	30.0	7	8	35	28.3	75.0%
6/8/2021 3:00:00 AM	30.0	7	8	35	29.2	37.5%
6/8/2021 4:00:00 AM	25.0	3	4	35	32.5	25.0%
6/8/2021 5:00:00 AM	32.5	6	7	35	32.5	28.6%
6/8/2021 6:00:00 AM	32.5	20	23	35	29.4	69.6%
6/8/2021 7:00:00 AM	31.7	49	58	45	29.9	58.6%
6/8/2021 8:00:00 AM	29.7	103	121	35	28.6	56.2%
6/8/2021 9:00:00 AM	29.9	70	82	40	28.8	61.0%
6/8/2021 10:00:00 AM	29.9	82	97	45	28.7	70.1%
6/8/2021 11:00:00 AM	29.1	86	101	35	27.9	57.4%
6/8/2021 12:00:00 PM	30.0	85	100	40	28.8	66.0%
6/8/2021 1:00:00 PM	29.7	106	125	40	28.6	64.8%
6/8/2021 2:00:00 PM	31.4	122	144	40	29.1	72.2%
6/8/2021 3:00:00 PM	31.5	128	151	75	29.5	72.2%

6/8/2021 4:00:00 PM	30.6	135	159	40	29.0	64.8%
6/8/2021 5:00:00 PM	30.0	163	192	80	29.3	67.7%
6/8/2021 6:00:00 PM	30.3	174	205	40	28.8	67.3%
6/8/2021 7:00:00 PM	30.8	137	161	40	28.9	70.2%
6/8/2021 8:00:00 PM	31.4	123	145	40	29.3	64.8%
6/8/2021 9:00:00 PM	31.1	93	109	40	29.1	62.4%
6/8/2021 10:00:00 PM	30.6	64	75	40	29.1	62.7%
6/8/2021 11:00:00 PM	32.9	36	42	45	30.3	59.5%
6/9/2021 12:00:00 AM	31.0	23	27	35	29.0	63.0%
6/9/2021 1:00:00 AM	30.0	14	16	35	28.8	50.0%
6/9/2021 2:00:00 AM	29.0	8	10	35	28.3	60.0%
6/9/2021 3:00:00 AM	26.7	9	11	30	27.5	27.3%
6/9/2021 4:00:00 AM	32.5	7	8	35	29.5	62.5%
6/9/2021 5:00:00 AM	25.0	6	7	30	27.5	14.3%
6/9/2021 6:00:00 AM	30.0	23	27	50	30.2	48.1%
6/9/2021 7:00:00 AM	32.2	42	50	40	29.6	72.0%
6/9/2021 8:00:00 AM	30.0	74	87	40	28.6	72.4%
6/9/2021 9:00:00 AM	29.4	95	112	40	28.6	58.0%
6/9/2021 10:00:00 AM	29.5	71	84	40	28.4	63.1%
6/9/2021 11:00:00 AM	30.0	88	104	40	29.2	55.8%
6/9/2021 12:00:00 PM	29.6	97	114	40	28.6	62.3%
6/9/2021 1:00:00 PM	29.6	98	115	40	28.3	68.7%
6/9/2021 2:00:00 PM	30.3	103	121	40	28.9	62.8%
6/9/2021 3:00:00 PM	31.7	123	145	75	29.7	70.3%
6/9/2021 4:00:00 PM	29.6	126	148	40	28.5	65.5%
6/9/2021 5:00:00 PM	29.8	143	168	40	28.5	70.8%
6/9/2021 6:00:00 PM	29.9	163	192	40	28.5	74.5%
6/9/2021 7:00:00 PM	31.0	153	180	85	29.6	68.3%
6/9/2021 8:00:00 PM	32.9	109	128	45	29.7	78.1%
6/9/2021 9:00:00 PM	30.6	89	105	45	28.9	70.5%
6/9/2021 10:00:00 PM	30.0	70	82	45	28.9	65.9%
6/9/2021 11:00:00 PM	29.7	32	38	40	28.8	60.5%
6/10/2021 12:00:00 AM	29.6	60	71	35	28.4	66.2%
6/10/2021 1:00:00 AM	30.0	27	32	40	29.1	59.4%

6/10/2021 2:00:00 AM	29.4	12	14	35	28.1	64.3%
6/10/2021 3:00:00 AM	28.8	4	5	30	27.5	80.0%
6/10/2021 4:00:00 AM	25.0	3	4	30	27.5	25.0%
6/10/2021 5:00:00 AM	32.5	8	10	40	31.5	50.0%
6/10/2021 6:00:00 AM	34.2	23	27	40	30.5	74.1%
6/10/2021 7:00:00 AM	30.0	40	47	35	28.8	59.6%
6/10/2021 8:00:00 AM	31.4	92	108	70	29.4	72.2%
6/10/2021 9:00:00 AM	29.7	77	91	40	29.1	50.5%
6/10/2021 10:00:00 AM	29.9	75	88	55	29.0	59.1%
6/10/2021 11:00:00 AM	32.3	81	95	40	29.5	68.4%
6/10/2021 12:00:00 PM	31.7	112	132	40	29.1	76.5%
6/10/2021 1:00:00 PM	29.4	123	145	40	28.4	55.9%
6/10/2021 2:00:00 PM	29.8	119	140	40	28.7	60.0%
6/10/2021 3:00:00 PM	29.9	120	141	40	28.6	68.1%
6/10/2021 4:00:00 PM	31.0	150	177	40	29.1	70.1%
6/10/2021 5:00:00 PM	29.7	157	185	40	28.5	70.3%
6/10/2021 6:00:00 PM	30.0	167	196	40	28.6	70.9%
6/10/2021 7:00:00 PM	30.4	150	177	40	28.7	76.3%
6/10/2021 8:00:00 PM	30.4	128	150	45	28.8	68.7%
6/10/2021 9:00:00 PM	31.3	99	117	40	29.2	67.5%
6/10/2021 10:00:00 PM	29.0	73	86	35	28.0	54.7%
6/10/2021 11:00:00 PM	30.0	42	49	40	29.8	40.8%
6/11/2021 12:00:00 AM	29.6	21	25	35	28.4	68.0%
6/11/2021 1:00:00 AM	32.5	12	14	45	29.8	78.6%
6/11/2021 2:00:00 AM	30.0	15	18	35	29.4	44.4%
6/11/2021 3:00:00 AM	30.0	10	12	45	31.1	58.3%
6/11/2021 4:00:00 AM	28.8	6	7	30	27.5	57.1%
6/11/2021 5:00:00 AM	30.0	10	12	35	29.2	50.0%
6/11/2021 6:00:00 AM	33.3	18	21	40	30.8	57.1%
6/11/2021 7:00:00 AM	33.2	60	71	60	30.5	71.8%
6/11/2021 8:00:00 AM	29.9	71	83	70	29.5	61.4%
6/11/2021 9:00:00 AM	30.9	86	101	40	29.0	62.4%
6/11/2021 10:00:00 AM	29.6	69	81	45	28.8	56.8%
6/11/2021 11:00:00 AM	29.4	107	126	75	29.3	55.6%

6/11/2021 12:00:00 PM	29.8	109	128	40	28.5	67.2%
6/11/2021 1:00:00 PM	30.7	145	171	45	29.2	59.1%
6/11/2021 2:00:00 PM	30.6	125	147	40	28.8	70.1%
6/11/2021 3:00:00 PM	29.8	144	169	40	28.8	58.0%
6/11/2021 4:00:00 PM	31.0	153	180	40	29.0	70.0%
6/11/2021 5:00:00 PM	30.9	178	210	45	28.9	71.9%
6/11/2021 6:00:00 PM	30.6	168	198	40	29.0	66.7%
6/11/2021 7:00:00 PM	31.3	147	173	45	29.0	76.3%
6/11/2021 8:00:00 PM	30.7	128	151	40	29.0	66.9%
6/11/2021 9:00:00 PM	30.4	76	90	40	29.3	55.6%
6/11/2021 10:00:00 PM	29.9	69	81	45	28.9	63.0%
6/11/2021 11:00:00 PM	29.0	50	59	45	28.7	50.8%
6/12/2021 12:00:00 AM	30.0	42	49	35	28.7	59.2%
6/12/2021 1:00:00 AM	31.0	26	30	35	28.7	70.0%
6/12/2021 2:00:00 AM	30.0	8	10	40	29.4	80.0%
6/12/2021 3:00:00 AM	28.3	12	14	30	27.5	42.9%
6/12/2021 4:00:00 AM	28.8	9	11	35	28.5	45.5%
6/12/2021 5:00:00 AM	29.3	11	13	40	28.8	61.5%
6/12/2021 6:00:00 AM	28.8	8	10	40	29.5	50.0%
6/12/2021 7:00:00 AM	32.5	26	30	35	29.3	73.3%
6/12/2021 8:00:00 AM	32.2	51	60	40	29.5	71.7%
6/12/2021 9:00:00 AM	31.1	47	55	40	29.1	61.8%
6/12/2021 10:00:00 AM	30.0	72	85	40	28.6	71.8%
6/12/2021 11:00:00 AM	32.1	99	116	55	29.9	63.8%
6/12/2021 12:00:00 PM	31.0	130	153	40	28.9	72.5%
6/12/2021 1:00:00 PM	29.4	132	155	40	28.3	58.7%
6/12/2021 2:00:00 PM	32.4	130	153	40	29.6	69.9%
6/12/2021 3:00:00 PM	31.5	129	152	40	29.1	73.7%
6/12/2021 4:00:00 PM	32.0	115	135	45	29.3	74.8%
6/12/2021 5:00:00 PM	32.0	135	159	45	29.3	73.6%
6/12/2021 6:00:00 PM	31.5	129	152	40	29.0	77.6%
6/12/2021 7:00:00 PM	32.1	135	159	40	29.2	77.4%
6/12/2021 8:00:00 PM	31.1	99	117	45	29.2	69.2%
6/12/2021 9:00:00 PM	30.0	99	117	40	28.8	68.4%

6/12/2021 10:00:00 PM	30.7	90	106	40	29.1	60.4%
6/12/2021 11:00:00 PM	31.3	46	54	40	29.1	70.4%
6/13/2021 12:00:00 AM	32.9	36	42	40	29.7	69.0%
6/13/2021 1:00:00 AM	28.8	32	38	50	29.7	47.4%
6/13/2021 2:00:00 AM	35.0	8	9	40	30.5	55.6%
6/13/2021 3:00:00 AM	32.5	16	19	45	30.8	63.2%
6/13/2021 4:00:00 AM	30.0	10	12	45	30.4	58.3%
6/13/2021 5:00:00 AM	28.3	6	7	30	27.5	42.9%
6/13/2021 6:00:00 AM	30.0	8	10	35	29.5	50.0%
6/13/2021 7:00:00 AM	32.8	26	30	35	29.4	80.0%
6/13/2021 8:00:00 AM	32.2	28	33	35	29.3	75.8%
6/13/2021 9:00:00 AM	32.9	43	51	40	30.1	66.7%
6/13/2021 10:00:00 AM	32.5	51	60	40	29.5	73.3%
6/13/2021 11:00:00 AM	32.6	68	80	40	29.5	76.3%
6/13/2021 12:00:00 PM	31.9	94	110	50	29.4	70.0%
6/13/2021 1:00:00 PM	31.9	127	149	40	29.2	73.8%
6/13/2021 2:00:00 PM	32.1	109	128	45	29.4	78.1%
6/13/2021 3:00:00 PM	32.4	128	150	40	29.3	78.7%
6/13/2021 4:00:00 PM	32.8	122	144	45	29.6	79.2%
6/13/2021 5:00:00 PM	30.0	108	127	40	28.7	70.1%
6/13/2021 6:00:00 PM	32.2	102	120	45	29.3	79.2%
6/13/2021 7:00:00 PM	32.2	95	112	85	29.7	79.5%
6/13/2021 8:00:00 PM	32.0	107	126	40	29.3	74.6%
6/13/2021 9:00:00 PM	31.9	78	92	40	29.2	75.0%
6/13/2021 10:00:00 PM	30.0	54	63	40	28.8	60.3%
6/13/2021 11:00:00 PM	30.0	42	49	35	28.8	55.1%
6/14/2021 12:00:00 AM	31.7	19	22	40	28.9	81.8%
6/14/2021 1:00:00 AM	30.0	14	17	35	29.0	58.8%
6/14/2021 2:00:00 AM	36.7	8	10	40	31.9	80.0%
6/14/2021 3:00:00 AM	32.5	9	11	40	30.0	72.7%
6/14/2021 4:00:00 AM	30.0	6	7	35	28.8	57.1%
6/14/2021 5:00:00 AM	35.0	7	8	45	34.2	37.5%
6/14/2021 6:00:00 AM	33.0	14	16	35	29.8	68.8%
6/14/2021 7:00:00 AM	32.5	51	60	40	29.5	73.3%

6/14/2021 8:00:00 AM 40.0 3 3 40 35.0 66.7%

**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>
6/8/2021 12:00:00 AM	30.4	1650	1941	75	29.0	64.5%
6/9/2021 12:00:00 AM	30.4	1836	2160	80	29.0	65.3%
6/10/2021 12:00:00 AM	30.0	1805	2123	85	28.9	66.8%
6/11/2021 12:00:00 AM	30.2	1905	2241	70	28.9	66.2%
6/12/2021 12:00:00 AM	30.4	1999	2352	75	29.0	64.6%
6/13/2021 12:00:00 AM	31.3	1775	2088	55	29.1	69.9%
6/14/2021 12:00:00 AM	31.9	1480	1741	85	29.4	73.3%
6/14/2021 7:05:00 AM	32.8	112	132	45	30.0	68.2%