

TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer
 Location/Name: 5131 BEACON HILL E/B
 Report Generated: 10/5/2021 6:20:22 AM
 Speed Intervals = 5 mph
 Time Intervals = 5 minutes

Traffic Report From 9/27/2021 7:15:00 AM through 10/5/2021 6:10:00 AM

85th Percentile Speed = 29.3 mph
 85th Percentile Vehicles = 19,097 counts
Max Speed = 100.0 mph on 9/28/2021 9:10:00 AM
 Total Vehicles = 22,467 counts
 AADT: 2824.3

Volumes - weekly vehicle counts

Time	5 Day	7 Day
Average Daily	2,672	2,593
AM peak	8:00 to 9:00 167	140
PM peak	4:00 to 5:00 272	242

Speed
 Speed limit: 25 mph
 85th Percentile Speed: 29.3 mph
 Average Speed: 24.9 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	2833	1518	1441	1488	1619	1303	1214
% over limit	50.4	50.7	50.1	49.8	50.8	52.0	53.0
Avg speeder	28.8	28.8	28.7	28.8	28.7	28.6	28.9

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>
9/27/2021 8:00:00 AM	30.0	135	159	80	30.9	55.3%
9/27/2021 9:00:00 AM	28.9	133	157	45	28.5	48.4%
9/27/2021 10:00:00 AM	30.0	125	147	35	29.1	47.6%
9/27/2021 11:00:00 AM	29.4	128	150	75	29.6	52.0%
9/27/2021 12:00:00 PM	29.0	140	165	75	29.3	50.3%
9/27/2021 1:00:00 PM	29.0	137	161	40	28.4	43.5%
9/27/2021 2:00:00 PM	28.8	144	170	40	28.2	43.5%
9/27/2021 3:00:00 PM	29.0	189	222	70	29.0	45.5%
9/27/2021 4:00:00 PM	29.1	187	220	40	28.5	44.1%
9/27/2021 5:00:00 PM	29.1	249	293	40	28.2	50.2%
9/27/2021 6:00:00 PM	30.0	171	201	45	28.8	66.2%
9/27/2021 7:00:00 PM	29.7	152	179	70	28.9	67.6%
9/27/2021 8:00:00 PM	28.8	160	188	35	27.9	47.9%
9/27/2021 9:00:00 PM	29.4	94	110	35	28.2	58.2%
9/27/2021 10:00:00 PM	29.1	65	77	60	28.8	53.2%
9/27/2021 11:00:00 PM	30.6	60	70	50	29.8	47.1%
9/28/2021 12:00:00 AM	28.6	30	35	35	27.8	42.9%
9/28/2021 1:00:00 AM	26.7	9	11	30	27.5	27.3%
9/28/2021 2:00:00 AM	27.0	14	17	30	27.5	29.4%
9/28/2021 3:00:00 AM	28.3	6	7	30	27.5	42.9%
9/28/2021 4:00:00 AM	32.5	7	8	35	30.0	50.0%
9/28/2021 5:00:00 AM	30.0	8	10	45	31.5	50.0%
9/28/2021 6:00:00 AM	31.7	20	23	40	29.4	56.5%
9/28/2021 7:00:00 AM	28.7	71	84	35	27.9	50.0%
9/28/2021 8:00:00 AM	29.6	150	177	85	30.2	57.1%
9/28/2021 9:00:00 AM	30.0	144	169	40	28.9	58.0%
9/28/2021 10:00:00 AM	29.5	110	129	100	31.1	46.5%
9/28/2021 11:00:00 AM	29.3	116	137	55	29.0	50.4%
9/28/2021 12:00:00 PM	28.8	160	188	55	28.3	46.3%
9/28/2021 1:00:00 PM	29.0	148	174	35	28.2	47.7%
9/28/2021 2:00:00 PM	29.2	157	185	80	29.5	48.1%
9/28/2021 3:00:00 PM	29.0	194	228	55	28.4	48.2%

9/28/2021 4:00:00 PM	29.1	178	210	75	28.8	51.4%
9/28/2021 5:00:00 PM	29.5	214	252	40	28.4	58.3%
9/28/2021 6:00:00 PM	29.6	185	218	50	28.9	52.8%
9/28/2021 7:00:00 PM	29.6	162	191	65	28.8	57.1%
9/28/2021 8:00:00 PM	29.0	152	179	40	28.3	47.5%
9/28/2021 9:00:00 PM	28.8	102	120	35	28.2	44.2%
9/28/2021 10:00:00 PM	29.3	65	77	40	28.8	46.8%
9/28/2021 11:00:00 PM	28.7	54	64	40	28.0	50.0%
9/29/2021 12:00:00 AM	29.1	33	39	35	28.3	48.7%
9/29/2021 1:00:00 AM	28.8	13	15	30	27.5	53.3%
9/29/2021 2:00:00 AM	30.0	14	17	35	29.6	41.2%
9/29/2021 3:00:00 AM	29.0	11	13	35	28.3	46.2%
9/29/2021 4:00:00 AM	30.0	10	12	35	29.5	41.7%
9/29/2021 5:00:00 AM	28.8	14	17	35	29.2	35.3%
9/29/2021 6:00:00 AM	29.4	21	25	35	28.9	44.0%
9/29/2021 7:00:00 AM	29.3	69	81	35	28.3	55.6%
9/29/2021 8:00:00 AM	29.4	124	146	50	28.8	53.4%
9/29/2021 9:00:00 AM	29.4	134	158	95	29.1	55.7%
9/29/2021 10:00:00 AM	30.4	110	129	55	29.9	51.9%
9/29/2021 11:00:00 AM	29.1	121	142	70	28.7	53.5%
9/29/2021 12:00:00 PM	28.9	139	164	45	28.7	42.1%
9/29/2021 1:00:00 PM	29.0	151	178	40	28.7	42.7%
9/29/2021 2:00:00 PM	29.1	151	178	75	29.0	44.4%
9/29/2021 3:00:00 PM	29.4	184	216	55	29.0	52.3%
9/29/2021 4:00:00 PM	29.0	201	237	45	28.3	50.2%
9/29/2021 5:00:00 PM	29.2	220	259	50	28.5	51.7%
9/29/2021 6:00:00 PM	29.5	192	226	40	28.5	56.6%
9/29/2021 7:00:00 PM	29.7	180	212	55	28.7	59.9%
9/29/2021 8:00:00 PM	29.2	143	168	40	28.4	49.4%
9/29/2021 9:00:00 PM	28.4	99	117	35	28.2	37.6%
9/29/2021 10:00:00 PM	29.2	66	78	35	28.4	48.7%
9/29/2021 11:00:00 PM	29.0	48	56	45	29.2	42.9%
9/30/2021 12:00:00 AM	27.1	24	28	30	27.5	25.0%
9/30/2021 1:00:00 AM	28.8	18	21	35	28.1	42.9%

9/30/2021 2:00:00 AM	28.0	9	11	30	27.5	45.5%
9/30/2021 3:00:00 AM	32.5	7	8	35	30.0	50.0%
9/30/2021 4:00:00 AM	30.0	8	9	40	30.8	33.3%
9/30/2021 5:00:00 AM	27.5	13	15	35	29.2	20.0%
9/30/2021 6:00:00 AM	27.5	33	39	35	28.5	25.6%
9/30/2021 7:00:00 AM	29.2	71	83	55	28.9	50.6%
9/30/2021 8:00:00 AM	29.2	134	158	75	29.8	51.3%
9/30/2021 9:00:00 AM	29.7	135	159	85	29.4	51.6%
9/30/2021 10:00:00 AM	29.9	111	131	75	30.3	52.7%
9/30/2021 11:00:00 AM	29.5	128	151	80	29.3	50.3%
9/30/2021 12:00:00 PM	29.2	144	169	65	28.7	50.9%
9/30/2021 1:00:00 PM	29.0	186	219	60	28.4	49.8%
9/30/2021 2:00:00 PM	29.1	173	204	55	28.8	46.1%
9/30/2021 3:00:00 PM	29.0	167	196	65	28.8	48.0%
9/30/2021 4:00:00 PM	29.0	223	262	70	28.9	42.4%
9/30/2021 5:00:00 PM	29.3	234	275	40	28.3	54.2%
9/30/2021 6:00:00 PM	29.6	182	214	40	28.5	57.9%
9/30/2021 7:00:00 PM	29.3	165	194	70	28.9	55.2%
9/30/2021 8:00:00 PM	29.1	153	180	40	28.2	51.7%
9/30/2021 9:00:00 PM	29.6	101	119	45	28.9	49.6%
9/30/2021 10:00:00 PM	28.9	59	69	40	28.3	44.9%
9/30/2021 11:00:00 PM	29.1	55	65	40	28.4	49.2%
10/1/2021 12:00:00 AM	28.7	31	36	35	27.8	44.4%
10/1/2021 1:00:00 AM	26.7	13	15	30	27.5	20.0%
10/1/2021 2:00:00 AM	35.0	19	22	45	32.1	54.5%
10/1/2021 3:00:00 AM	23.8	11	13	30	27.5	7.7%
10/1/2021 4:00:00 AM	27.5	11	13	40	30.8	23.1%
10/1/2021 5:00:00 AM	30.0	18	21	35	28.7	61.9%
10/1/2021 6:00:00 AM	29.1	32	38	40	29.2	39.5%
10/1/2021 7:00:00 AM	29.3	70	82	55	28.9	56.1%
10/1/2021 8:00:00 AM	29.1	150	176	50	28.5	50.6%
10/1/2021 9:00:00 AM	29.3	144	169	50	28.4	56.2%
10/1/2021 10:00:00 AM	29.6	131	154	40	28.6	56.5%
10/1/2021 11:00:00 AM	29.5	132	155	40	29.0	43.9%

10/1/2021 12:00:00 PM	28.7	170	200	35	28.0	45.0%
10/1/2021 1:00:00 PM	29.2	160	188	40	28.4	48.9%
10/1/2021 2:00:00 PM	29.3	160	188	65	29.0	49.5%
10/1/2021 3:00:00 PM	28.9	213	251	50	28.5	44.2%
10/1/2021 4:00:00 PM	29.2	203	239	35	28.3	50.2%
10/1/2021 5:00:00 PM	29.5	235	276	85	29.0	54.3%
10/1/2021 6:00:00 PM	29.7	204	240	50	28.6	63.3%
10/1/2021 7:00:00 PM	29.7	188	221	60	29.0	55.2%
10/1/2021 8:00:00 PM	29.3	155	182	45	28.6	53.8%
10/1/2021 9:00:00 PM	29.7	93	109	45	29.0	47.7%
10/1/2021 10:00:00 PM	28.9	88	103	40	28.2	45.6%
10/1/2021 11:00:00 PM	29.6	69	81	50	29.5	46.9%
10/2/2021 12:00:00 AM	29.2	47	55	40	28.8	41.8%
10/2/2021 1:00:00 AM	29.2	16	19	40	29.4	42.1%
10/2/2021 2:00:00 AM	29.2	20	24	35	29.2	37.5%
10/2/2021 3:00:00 AM	28.3	16	19	30	27.5	47.4%
10/2/2021 4:00:00 AM	38.3	13	15	45	33.8	53.3%
10/2/2021 5:00:00 AM	25.0	10	12	35	30.0	16.7%
10/2/2021 6:00:00 AM	28.3	8	10	35	28.8	40.0%
10/2/2021 7:00:00 AM	29.4	28	33	35	29.0	39.4%
10/2/2021 8:00:00 AM	29.8	47	55	40	29.0	49.1%
10/2/2021 9:00:00 AM	29.6	85	100	40	28.4	64.0%
10/2/2021 10:00:00 AM	29.1	112	132	35	28.1	54.5%
10/2/2021 11:00:00 AM	29.5	137	161	40	28.5	57.1%
10/2/2021 12:00:00 PM	29.1	144	169	40	28.2	52.1%
10/2/2021 1:00:00 PM	29.8	175	206	40	29.0	56.8%
10/2/2021 2:00:00 PM	29.2	156	184	55	28.3	59.2%
10/2/2021 3:00:00 PM	29.8	151	178	40	28.7	58.4%
10/2/2021 4:00:00 PM	29.2	158	186	40	28.6	45.2%
10/2/2021 5:00:00 PM	29.5	137	161	40	28.6	52.2%
10/2/2021 6:00:00 PM	29.7	150	177	45	28.6	63.8%
10/2/2021 7:00:00 PM	29.3	166	195	75	29.0	48.7%
10/2/2021 8:00:00 PM	29.4	139	163	40	28.8	43.6%
10/2/2021 9:00:00 PM	28.9	95	112	40	28.7	41.1%

10/2/2021 10:00:00 PM	28.5	63	74	40	28.2	40.5%
10/2/2021 11:00:00 PM	29.0	63	74	40	28.3	48.6%
10/3/2021 12:00:00 AM	28.4	39	46	40	28.3	39.1%
10/3/2021 1:00:00 AM	28.1	26	31	40	29.0	32.3%
10/3/2021 2:00:00 AM	32.5	19	22	40	30.8	40.9%
10/3/2021 3:00:00 AM	29.0	14	16	35	28.3	37.5%
10/3/2021 4:00:00 AM	33.3	15	18	45	34.2	33.3%
10/3/2021 5:00:00 AM	35.0	5	6	40	30.5	83.3%
10/3/2021 6:00:00 AM	29.0	12	14	35	28.3	42.9%
10/3/2021 7:00:00 AM	30.0	16	19	45	29.3	73.7%
10/3/2021 8:00:00 AM	29.0	32	38	35	28.3	47.4%
10/3/2021 9:00:00 AM	29.8	43	51	45	29.2	52.9%
10/3/2021 10:00:00 AM	29.3	72	85	40	28.3	56.5%
10/3/2021 11:00:00 AM	29.2	105	123	40	28.6	48.8%
10/3/2021 12:00:00 PM	29.7	168	198	40	28.7	56.6%
10/3/2021 1:00:00 PM	29.6	151	178	75	29.0	59.0%
10/3/2021 2:00:00 PM	29.1	167	197	45	28.5	50.8%
10/3/2021 3:00:00 PM	29.5	156	183	40	28.6	53.6%
10/3/2021 4:00:00 PM	29.9	146	172	75	29.4	55.2%
10/3/2021 5:00:00 PM	29.4	152	179	75	28.8	57.0%
10/3/2021 6:00:00 PM	29.4	145	171	40	28.5	50.9%
10/3/2021 7:00:00 PM	30.0	151	178	65	29.5	50.0%
10/3/2021 8:00:00 PM	29.6	139	163	40	28.6	55.2%
10/3/2021 9:00:00 PM	29.4	99	117	40	28.5	53.0%
10/3/2021 10:00:00 PM	29.4	49	58	60	30.1	53.4%
10/3/2021 11:00:00 PM	28.1	41	48	40	28.5	31.3%
10/4/2021 12:00:00 AM	35.0	23	27	45	31.0	74.1%
10/4/2021 1:00:00 AM	30.0	13	15	35	28.8	53.3%
10/4/2021 2:00:00 AM	25.0	4	5	35	32.5	20.0%
10/4/2021 3:00:00 AM	28.0	8	10	30	27.5	50.0%
10/4/2021 4:00:00 AM	35.0	5	6	40	35.0	33.3%
10/4/2021 5:00:00 AM	30.0	9	11	35	28.8	72.7%
10/4/2021 6:00:00 AM	29.2	35	41	45	28.7	51.2%
10/4/2021 7:00:00 AM	29.4	61	72	40	28.5	58.3%

10/4/2021 8:00:00 AM	28.8	140	165	55	28.3	47.3%
10/4/2021 9:00:00 AM	29.2	152	179	75	29.9	46.4%
10/4/2021 10:00:00 AM	29.2	112	132	80	29.0	50.8%
10/4/2021 11:00:00 AM	28.7	122	144	80	30.2	38.9%
10/4/2021 12:00:00 PM	29.3	141	166	75	29.3	46.4%
10/4/2021 1:00:00 PM	29.2	184	217	50	28.5	49.3%
10/4/2021 2:00:00 PM	28.9	155	182	70	28.7	50.0%
10/4/2021 3:00:00 PM	28.9	200	235	65	29.0	45.5%
10/4/2021 4:00:00 PM	29.1	208	245	80	28.9	47.3%
10/4/2021 5:00:00 PM	29.3	221	260	90	28.8	53.8%
10/4/2021 6:00:00 PM	29.5	176	207	40	28.4	58.9%
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10/4/2021 8:00:00 PM	28.8	150	177	40	28.4	44.6%
10/4/2021 9:00:00 PM	28.8	82	96	40	28.1	45.8%
10/4/2021 10:00:00 PM	29.3	64	75	35	28.5	45.3%
10/4/2021 11:00:00 PM	28.9	47	55	40	28.0	52.7%
10/5/2021 12:00:00 AM	30.0	27	32	40	29.6	43.8%
10/5/2021 1:00:00 AM	31.7	9	11	35	30.0	54.5%
10/5/2021 2:00:00 AM	24.2	8	10	30	27.5	10.0%
10/5/2021 3:00:00 AM	28.0	9	11	30	27.5	45.5%
10/5/2021 4:00:00 AM	30.0	9	11	40	31.3	36.4%
10/5/2021 5:00:00 AM	28.8	11	13	30	27.5	61.5%
10/5/2021 6:00:00 AM	28.5	29	34	35	28.3	35.3%
10/5/2021 7:00:00 AM	30.0	8	9	35	28.1	88.9%

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

Date/Time Ending	85th pctl(mph)	85th pctl counts	Total	Max Speed	Avg Speeder	% Speeders
9/28/2021 12:00:00 AM	29.3	2298	2704	80	28.8	51.1%
9/29/2021 12:00:00 AM	29.3	2462	2897	100	28.8	50.9%
9/30/2021 12:00:00 AM	29.3	2441	2872	95	28.7	50.1%
10/1/2021 12:00:00 AM	29.2	2539	2987	85	28.8	49.8%
10/2/2021 12:00:00 AM	29.3	2712	3191	85	28.7	50.8%

10/3/2021 12:00:00 AM	29.4	2129	2505	75	28.6	52.0%
10/4/2021 12:00:00 AM	29.5	1948	2292	75	28.9	53.0%
10/5/2021 12:00:00 AM	29.2	2482	2920	90	28.8	49.7%
10/5/2021 6:10:00 AM	29.0	84	99	40	28.5	44.4%