

TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer

Location/Name: 5110 BEACON HILL E/B

Report Generated: 1/20/2021 6:34:36 AM

Speed Intervals = 5 mph

Time Intervals = 5 minutes

Traffic Report From 1/11/2021 6:35:00 AM through 1/20/2021 6:20:00 AM

85th Percentile Speed = 29.4 mph

85th Percentile Vehicles = 12,989 counts

Max Speed = 85.0 mph on 1/15/2021 8:30:00 PM

Total Vehicles = 15,281 counts

AADT: 1699.9

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,865	1,863
AM peak	10:00 to 11:00	118	117
PM peak	4:00 to 5:00	212	198

Speed

Speed limit: 25 mph

85th Percentile Speed: 29.4 mph

Average Speed: 25.0 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	1094	1122	1236	1352	1414	1162	966
% over limit	49.8	51.8	54.3	54.3	58.0	55.9	58.9
Avg speeder	28.4	28.9	28.6	28.7	28.7	28.5	28.4

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
1/11/2021 7:00:00 AM	20.0	1	1	20	NaN	0.0%
1/11/2021 8:00:00 AM	25.0	9	11	35	30.0	18.2%
1/11/2021 9:00:00 AM		**No Data**				
1/11/2021 10:00:00 AM		**No Data**				
					
					
1/13/2021 8:00:00 AM	28.9	75	88	40	28.2	47.7%
1/13/2021 9:00:00 AM	30.9	83	98	45	29.3	61.2%
1/13/2021 10:00:00 AM	29.7	89	105	65	29.2	61.9%
1/13/2021 11:00:00 AM	30.0	108	127	40	28.9	56.7%
1/13/2021 12:00:00 PM	29.2	117	138	35	28.3	50.7%
1/13/2021 1:00:00 PM	29.6	134	158	70	29.3	57.0%
1/13/2021 2:00:00 PM	29.2	139	164	70	28.6	57.3%
1/13/2021 3:00:00 PM	29.2	158	186	40	28.5	46.8%
1/13/2021 4:00:00 PM	29.4	162	191	40	28.5	52.9%
1/13/2021 5:00:00 PM	29.5	178	210	40	28.5	55.7%
1/13/2021 6:00:00 PM	29.6	168	198	40	28.5	58.1%
1/13/2021 7:00:00 PM	29.3	143	168	35	28.2	56.5%
1/13/2021 8:00:00 PM	29.3	106	125	40	28.4	56.0%
1/13/2021 9:00:00 PM	29.4	68	80	40	28.7	51.3%
1/13/2021 10:00:00 PM	29.6	53	62	35	28.5	54.8%
1/13/2021 11:00:00 PM	28.8	44	52	40	28.1	50.0%
1/14/2021 12:00:00 AM	28.6	23	27	35	27.9	44.4%
1/14/2021 1:00:00 AM	27.9	14	17	30	27.5	41.2%
1/14/2021 2:00:00 AM	25.0	5	6	35	32.5	16.7%
1/14/2021 3:00:00 AM	28.0	12	14	30	27.5	35.7%
1/14/2021 4:00:00 AM	28.3	8	10	30	27.5	60.0%
1/14/2021 5:00:00 AM	30.0	11	13	40	29.6	53.8%
1/14/2021 6:00:00 AM	31.7	31	36	40	29.2	66.7%
1/14/2021 7:00:00 AM	29.4	56	66	75	29.2	63.6%
1/14/2021 8:00:00 AM	29.2	135	159	40	28.2	57.2%
1/14/2021 9:00:00 AM	29.9	124	146	75	30.5	56.2%

1/14/2021 10:00:00 AM	29.7	77	91	70	29.5	53.8%
1/14/2021 11:00:00 AM	29.3	105	123	35	28.2	57.7%
1/14/2021 12:00:00 PM	29.0	123	145	55	28.6	48.3%
1/14/2021 1:00:00 PM	30.3	128	151	40	29.0	61.6%
1/14/2021 2:00:00 PM	28.9	165	194	45	28.1	51.5%
1/14/2021 3:00:00 PM	29.2	186	219	70	29.1	50.7%
1/14/2021 4:00:00 PM	29.4	165	194	40	28.4	56.7%
1/14/2021 5:00:00 PM	29.8	181	213	70	29.0	58.7%
1/14/2021 6:00:00 PM	29.5	171	201	40	28.5	60.2%
1/14/2021 7:00:00 PM	29.5	128	150	40	28.5	52.7%
1/14/2021 8:00:00 PM	29.0	105	124	40	28.6	42.7%
1/14/2021 9:00:00 PM	29.2	65	77	35	28.0	61.0%
1/14/2021 10:00:00 PM	28.8	52	61	35	28.0	47.5%
1/14/2021 11:00:00 PM	29.2	45	53	35	28.6	43.4%
1/15/2021 12:00:00 AM	26.7	24	28	30	27.5	21.4%
1/15/2021 1:00:00 AM	28.3	9	11	35	28.8	36.4%
1/15/2021 2:00:00 AM	27.5	9	11	35	29.2	27.3%
1/15/2021 3:00:00 AM	30.0	5	6	35	29.2	50.0%
1/15/2021 4:00:00 AM	28.6	10	12	30	27.5	58.3%
1/15/2021 5:00:00 AM	32.5	8	9	35	30.0	44.4%
1/15/2021 6:00:00 AM	29.4	29	34	35	28.2	61.8%
1/15/2021 7:00:00 AM	29.5	44	52	45	28.7	71.2%
1/15/2021 8:00:00 AM	29.0	115	135	40	28.2	48.9%
1/15/2021 9:00:00 AM	29.6	88	103	40	28.9	49.5%
1/15/2021 10:00:00 AM	30.0	101	119	70	29.6	59.7%
1/15/2021 11:00:00 AM	30.0	98	115	40	29.1	53.9%
1/15/2021 12:00:00 PM	29.3	116	137	50	28.6	58.4%
1/15/2021 1:00:00 PM	29.4	156	183	40	28.5	54.6%
1/15/2021 2:00:00 PM	30.3	119	140	50	29.1	64.3%
1/15/2021 3:00:00 PM	29.6	179	211	40	28.5	61.6%
1/15/2021 4:00:00 PM	29.8	178	209	40	28.7	59.8%
1/15/2021 5:00:00 PM	30.6	184	217	45	28.9	65.4%
1/15/2021 6:00:00 PM	29.5	150	177	40	28.4	61.0%
1/15/2021 7:00:00 PM	29.3	146	172	40	28.3	55.8%

1/15/2021 8:00:00 PM	29.2	128	151	40	28.1	62.9%
1/15/2021 9:00:00 PM	30.0	78	92	85	30.6	54.3%
1/15/2021 10:00:00 PM	29.6	60	71	40	29.0	50.7%
1/15/2021 11:00:00 PM	30.8	37	44	40	29.6	54.5%
1/16/2021 12:00:00 AM	27.8	21	25	30	27.5	36.0%
1/16/2021 1:00:00 AM	27.5	19	22	40	29.5	22.7%
1/16/2021 2:00:00 AM	22.5	9	11	25	NaN	0.0%
1/16/2021 3:00:00 AM	33.3	7	8	35	30.5	62.5%
1/16/2021 4:00:00 AM	25.0	8	9	30	27.5	11.1%
1/16/2021 5:00:00 AM	30.0	7	8	35	28.5	62.5%
1/16/2021 6:00:00 AM	27.0	15	18	30	27.5	27.8%
1/16/2021 7:00:00 AM	28.0	29	34	40	28.4	32.4%
1/16/2021 8:00:00 AM	25.5	49	58	30	27.5	17.2%
1/16/2021 9:00:00 AM	28.8	44	52	40	28.7	40.4%
1/16/2021 10:00:00 AM	29.2	79	93	45	28.4	58.1%
1/16/2021 11:00:00 AM	29.8	105	124	40	28.7	60.5%
1/16/2021 12:00:00 PM	29.5	116	136	40	28.4	61.0%
1/16/2021 1:00:00 PM	29.7	154	181	40	28.5	65.7%
1/16/2021 2:00:00 PM	29.6	139	164	35	28.4	63.4%
1/16/2021 3:00:00 PM	29.8	142	167	40	28.5	68.3%
1/16/2021 4:00:00 PM	29.5	134	158	45	28.5	59.5%
1/16/2021 5:00:00 PM	29.3	165	194	55	28.6	50.5%
1/16/2021 6:00:00 PM	29.6	123	145	40	28.6	57.9%
1/16/2021 7:00:00 PM	29.6	127	149	35	28.5	56.4%
1/16/2021 8:00:00 PM	29.2	110	129	40	28.1	58.9%
1/16/2021 9:00:00 PM	29.7	62	73	45	28.8	56.2%
1/16/2021 10:00:00 PM	29.4	55	65	35	28.3	56.9%
1/16/2021 11:00:00 PM	29.5	41	48	50	29.4	50.0%
1/17/2021 12:00:00 AM	28.3	27	32	35	27.9	40.6%
1/17/2021 1:00:00 AM	29.0	17	20	40	29.6	35.0%
1/17/2021 2:00:00 AM	29.2	14	16	35	28.2	43.8%
1/17/2021 3:00:00 AM	30.0	12	14	40	29.4	57.1%
1/17/2021 4:00:00 AM	33.3	7	8	35	30.0	75.0%
1/17/2021 5:00:00 AM	26.7	8	10	30	27.5	30.0%

1/17/2021 6:00:00 AM	28.3	10	12	35	28.8	33.3%
1/17/2021 7:00:00 AM	28.8	9	11	35	28.5	45.5%
1/17/2021 8:00:00 AM	28.1	28	33	35	28.5	30.3%
1/17/2021 9:00:00 AM	28.9	39	46	35	27.9	52.2%
1/17/2021 10:00:00 AM	29.5	75	88	35	28.2	67.0%
1/17/2021 11:00:00 AM	29.8	88	104	40	28.7	62.5%
1/17/2021 12:00:00 PM	28.8	96	113	35	27.9	50.4%
1/17/2021 1:00:00 PM	29.8	95	112	60	29.2	60.7%
1/17/2021 2:00:00 PM	29.7	105	124	35	28.4	69.4%
1/17/2021 3:00:00 PM	29.7	101	119	35	28.4	63.9%
1/17/2021 4:00:00 PM	29.2	116	137	35	27.9	67.2%
1/17/2021 5:00:00 PM	29.5	99	117	40	28.3	64.1%
1/17/2021 6:00:00 PM	29.6	105	124	45	28.8	64.5%
1/17/2021 7:00:00 PM	29.3	105	123	40	28.3	56.1%
1/17/2021 8:00:00 PM	29.5	88	104	45	28.6	62.5%
1/17/2021 9:00:00 PM	29.1	68	80	35	28.1	52.5%
1/17/2021 10:00:00 PM	29.0	48	56	35	28.3	42.9%
1/17/2021 11:00:00 PM	28.8	31	37	35	28.1	48.6%
1/18/2021 12:00:00 AM	31.4	28	33	35	29.7	48.5%
1/18/2021 1:00:00 AM	29.0	6	7	30	27.5	71.4%
1/18/2021 2:00:00 AM	30.0	8	9	35	29.2	33.3%
1/18/2021 3:00:00 AM	28.3	8	10	30	27.5	60.0%
1/18/2021 4:00:00 AM	30.0	8	10	35	30.0	40.0%
1/18/2021 5:00:00 AM	29.0	12	14	40	29.2	42.9%
1/18/2021 6:00:00 AM	29.2	29	34	40	28.8	47.1%
1/18/2021 7:00:00 AM	29.3	54	63	35	28.3	52.4%
1/18/2021 8:00:00 AM	29.4	76	89	40	28.5	53.9%
1/18/2021 9:00:00 AM	29.1	84	99	65	29.2	45.5%
1/18/2021 10:00:00 AM	29.1	100	118	55	29.4	40.7%
1/18/2021 11:00:00 AM	28.9	100	118	40	28.4	44.1%
1/18/2021 12:00:00 PM	29.6	113	133	40	28.6	53.4%
1/18/2021 1:00:00 PM	29.2	146	172	40	28.3	53.5%
1/18/2021 2:00:00 PM	29.2	113	133	40	28.3	52.6%
1/18/2021 3:00:00 PM	29.2	139	164	40	28.3	51.2%

1/18/2021 4:00:00 PM	29.1	150	177	45	28.3	55.9%
1/18/2021 5:00:00 PM	29.0	172	202	45	28.3	49.5%
1/18/2021 6:00:00 PM	29.3	170	200	40	28.5	50.0%
1/18/2021 7:00:00 PM	29.3	111	131	40	28.4	54.2%
1/18/2021 8:00:00 PM	28.7	87	102	35	28.3	39.2%
1/18/2021 9:00:00 PM	28.3	65	77	35	27.8	40.3%
1/18/2021 10:00:00 PM	29.1	48	57	35	28.1	57.9%
1/18/2021 11:00:00 PM	30.0	37	44	35	28.8	59.1%
1/19/2021 12:00:00 AM	29.4	18	21	35	28.5	47.6%
1/19/2021 1:00:00 AM	30.0	13	15	40	31.3	26.7%
1/19/2021 2:00:00 AM	30.0	6	7	40	32.5	28.6%
1/19/2021 3:00:00 AM	27.5	4	5	30	27.5	40.0%
1/19/2021 4:00:00 AM	30.0	7	8	35	29.2	37.5%
1/19/2021 5:00:00 AM	31.7	15	18	75	34.2	50.0%
1/19/2021 6:00:00 AM	29.2	27	32	40	28.2	65.6%
1/19/2021 7:00:00 AM	28.6	38	45	40	28.0	48.9%
1/19/2021 8:00:00 AM	28.8	100	118	75	29.7	41.5%
1/19/2021 9:00:00 AM	29.7	105	123	65	29.1	56.1%
1/19/2021 10:00:00 AM	29.5	74	87	40	28.8	47.1%
1/19/2021 11:00:00 AM	29.2	110	130	40	28.5	49.2%
1/19/2021 12:00:00 PM	29.8	113	133	60	29.2	54.1%
1/19/2021 1:00:00 PM	29.1	111	131	70	29.1	50.4%
1/19/2021 2:00:00 PM	29.5	115	135	80	29.3	51.1%
1/19/2021 3:00:00 PM	29.7	153	180	40	28.9	52.2%
1/19/2021 4:00:00 PM	29.5	151	178	40	28.5	54.5%
1/19/2021 5:00:00 PM	29.7	161	189	40	28.7	56.6%
1/19/2021 6:00:00 PM	29.4	161	189	40	28.4	56.1%
1/19/2021 7:00:00 PM	29.1	144	170	35	28.1	54.7%
1/19/2021 8:00:00 PM	29.2	92	108	40	28.4	51.9%
1/19/2021 9:00:00 PM	29.8	46	54	50	29.5	50.0%
1/19/2021 10:00:00 PM	30.6	40	47	35	29.2	48.9%
1/19/2021 11:00:00 PM	30.0	37	43	45	30.0	37.2%
1/20/2021 12:00:00 AM	32.5	16	19	40	31.3	42.1%
1/20/2021 1:00:00 AM	30.0	7	8	35	30.0	25.0%

1/20/2021 2:00:00 AM	35.0	7	8	40	32.5	37.5%
1/20/2021 3:00:00 AM	30.0	8	9	35	29.2	33.3%
1/20/2021 4:00:00 AM	25.0	8	10	35	30.0	20.0%
1/20/2021 5:00:00 AM	28.0	10	12	30	27.5	41.7%
1/20/2021 6:00:00 AM	30.0	28	33	35	28.7	63.6%
1/20/2021 7:00:00 AM	30.0	15	18	40	29.7	50.0%

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

Date/Time Ending	85th pctl(mph)	85th pctl counts	Total	Max Speed	Avg Speeder	% Speeders
1/12/2021 12:00:00 AM	25.0	10	12	35	30.0	16.7%
1/13/2021 12:00:00 AM		**No Data**				
1/14/2021 12:00:00 AM	29.4	1850	2177	70	28.6	54.7%
1/15/2021 12:00:00 AM	29.4	2117	2491	75	28.7	54.3%
1/16/2021 12:00:00 AM	29.6	2071	2436	85	28.7	58.0%
1/17/2021 12:00:00 AM	29.4	1766	2078	55	28.5	56.0%
1/18/2021 12:00:00 AM	29.4	1395	1641	60	28.4	58.9%
1/19/2021 12:00:00 AM	29.2	1856	2184	65	28.4	50.0%
1/20/2021 12:00:00 AM	29.5	1839	2164	80	28.9	51.8%
1/20/2021 6:20:00 AM	29.7	83	98	40	29.2	45.9%