

TRAFFIC ANALYSIS REPORT

For Project: Kimball Road at 137 Facing NH
Location/Name: Merged
Report Generated: 9/23/2021 8:39:15 AM
Speed Intervals = 1 mph
Time Intervals = Instant

Traffic Report From 8/17/2021 7:33:09 PM through 8/24/2021 11:08:41 AM

85th Percentile Speed = 42.0 mph
85th Percentile Vehicles = 10,008 counts
Max Speed = 77.0 mph on 8/20/2021 2:08:07 AM
Total Vehicles = 11,774 counts
AADT: 1770.6

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,626	1,623
AM peak	7:00 to 8:00	128	112
PM peak	5:00 to 6:00	144	133

Speed

Speed limit: 30 mph
85th Percentile Speed: 42.0 mph
Average Speed: 36.9 mph

	Monday	Tuesday	Wednesday	Thursday	Friday
Count over limit	1631	741	1841	1654	1874
1898	1014				
% over limit	90.7	90.6	90.5	90.6	90.8
90.2	89.7				
Avg speeder	38.3	38.3	38.3	38.2	38.2
38.3	38.5				

Class counts

	Number	%
VEH_SM	21	0.2
VEH_MED	11435	97.1
VEH_LG	318	2.7

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

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			
8/17/2021 8:00:00 PM	39.0	37	44	43
36.1	75.0%			
8/17/2021 9:00:00 PM	40.0	53	62	48
35.8	85.5%			
8/17/2021 10:00:00 PM	41.0	25	29	42
35.3	86.2%			
8/17/2021 11:00:00 PM	39.0	26	31	47
36.5	74.2%			
8/18/2021 12:00:00 AM	39.0	13	15	41
35.7	66.7%			
8/18/2021 1:00:00 AM	38.0	4	5	39
35.7	60.0%			
8/18/2021 2:00:00 AM	42.0	2	2	42
39.5	100.0%			
8/18/2021 3:00:00 AM	37.0	3	4	38
35.5	100.0%			
8/18/2021 4:00:00 AM	50.0	3	3	50
40.0	100.0%			
8/18/2021 5:00:00 AM	41.0	11	13	55
38.8	92.3%			
8/18/2021 6:00:00 AM	44.0	49	58	49
39.0	87.9%			
8/18/2021 7:00:00 AM	42.0	101	119	48
38.3	95.8%			
8/18/2021 8:00:00 AM	42.0	118	139	51
38.0	87.8%			
8/18/2021 9:00:00 AM	41.0	101	119	52
37.6	84.9%			
8/18/2021 10:00:00 AM	42.0	99	116	50
37.6	87.9%			
8/18/2021 11:00:00 AM	42.0	88	103	48
37.2	89.3%			
8/18/2021 12:00:00 PM	41.0	96	113	46
36.9	87.6%			
8/18/2021 1:00:00 PM	41.0	102	120	55
37.1	83.3%			
8/18/2021 2:00:00 PM	42.0	114	134	49
36.9	91.0%			
8/18/2021 3:00:00 PM	41.0	99	117	51
37.2	88.9%			
8/18/2021 4:00:00 PM	42.0	133	156	48
37.8	91.7%			
8/18/2021 5:00:00 PM	41.0	158	186	51
37.4	94.6%			
8/18/2021 6:00:00 PM	42.0	153	180	55
37.8	90.6%			

8/18/2021 7:00:00 PM	42.0	103	121	60
37.2	81.8%			
8/18/2021 8:00:00 PM	41.0	71	84	45
36.7	92.9%			
8/18/2021 9:00:00 PM	39.0	60	70	48
36.1	81.4%			
8/18/2021 10:00:00 PM	40.0	26	30	46
35.5	83.3%			
8/18/2021 11:00:00 PM	41.0	27	32	46
36.7	90.6%			
8/19/2021 12:00:00 AM	35.0	8	10	46
36.0	60.0%			
8/19/2021 1:00:00 AM	36.0	5	6	38
34.2	100.0%			
8/19/2021 2:00:00 AM	37.0	2	2	37
34.0	100.0%			
8/19/2021 3:00:00 AM	40.0	2	2	40
35.0	100.0%			
8/19/2021 4:00:00 AM	47.0	3	3	47
39.3	100.0%			
8/19/2021 5:00:00 AM	41.0	8	9	46
36.5	88.9%			
8/19/2021 6:00:00 AM	42.0	43	51	48
37.8	92.2%			
8/19/2021 7:00:00 AM	42.0	94	111	50
38.3	98.2%			
8/19/2021 8:00:00 AM	43.0	112	132	46
38.3	90.9%			
8/19/2021 9:00:00 AM	42.0	126	148	51
37.4	85.1%			
8/19/2021 10:00:00 AM	41.0	82	97	51
36.9	88.7%			
8/19/2021 11:00:00 AM	42.0	82	96	49
37.7	84.4%			
8/19/2021 12:00:00 PM	41.0	76	90	46
37.1	82.2%			
8/19/2021 1:00:00 PM	42.0	64	75	48
37.7	94.7%			
8/19/2021 2:00:00 PM	42.0	82	96	49
37.5	92.7%			
8/19/2021 3:00:00 PM	41.0	103	121	49
36.8	86.8%			
8/19/2021 4:00:00 PM	41.0	128	151	49
36.7	88.1%			
8/19/2021 5:00:00 PM	42.0	145	171	47
37.5	88.3%			
8/19/2021 6:00:00 PM	41.0	148	174	47
37.4	91.4%			

8/19/2021 7:00:00 PM	41.0	89	105	46
37.0	93.3%			
8/19/2021 8:00:00 PM	40.0	68	80	46
36.1	80.0%			
8/19/2021 9:00:00 PM	40.0	33	39	48
36.9	84.6%			
8/19/2021 10:00:00 PM	42.0	17	20	49
36.8	95.0%			
8/19/2021 11:00:00 PM	39.0	23	27	43
36.2	77.8%			
8/20/2021 12:00:00 AM	42.0	17	20	50
36.8	95.0%			
8/20/2021 1:00:00 AM	35.0	9	11	43
35.0	72.7%			
8/20/2021 2:00:00 AM	43.0	3	3	43
38.0	100.0%			
8/20/2021 3:00:00 AM	36.0	3	4	77
45.0	100.0%			
8/20/2021 4:00:00 AM	49.0	2	2	49
44.5	100.0%			
8/20/2021 5:00:00 AM	42.0	8	10	46
37.8	90.0%			
8/20/2021 6:00:00 AM	42.0	45	53	53
38.3	92.5%			
8/20/2021 7:00:00 AM	42.0	87	102	53
38.2	97.1%			
8/20/2021 8:00:00 AM	43.0	98	115	49
38.4	93.0%			
8/20/2021 9:00:00 AM	42.0	90	106	51
37.5	87.7%			
8/20/2021 10:00:00 AM	42.0	94	110	47
37.4	85.5%			
8/20/2021 11:00:00 AM	42.0	95	112	51
37.7	77.7%			
8/20/2021 12:00:00 PM	41.0	110	130	50
37.7	84.6%			
8/20/2021 1:00:00 PM	41.0	117	138	46
37.3	85.5%			
8/20/2021 2:00:00 PM	42.0	90	106	53
37.1	76.4%			
8/20/2021 3:00:00 PM	42.0	119	140	48
37.6	84.3%			
8/20/2021 4:00:00 PM	41.0	134	158	48
36.8	89.2%			
8/20/2021 5:00:00 PM	41.0	163	192	49
36.8	92.7%			
8/20/2021 6:00:00 PM	42.0	154	181	53
37.7	93.9%			

8/20/2021 7:00:00 PM	42.0	114	134	48
38.1	94.8%			
8/20/2021 8:00:00 PM	41.0	82	96	45
36.7	91.7%			
8/20/2021 9:00:00 PM	39.0	49	58	47
35.2	87.9%			
8/20/2021 10:00:00 PM	40.0	45	53	45
35.9	84.9%			
8/20/2021 11:00:00 PM	40.0	30	35	44
36.3	82.9%			
8/21/2021 12:00:00 AM	39.0	13	15	46
35.4	93.3%			
8/21/2021 1:00:00 AM	35.0	10	12	41
34.6	66.7%			
8/21/2021 2:00:00 AM	40.0	6	7	45
36.0	100.0%			
8/21/2021 3:00:00 AM	37.0	3	3	37
36.0	33.3%			
8/21/2021 4:00:00 AM	54.0	3	3	54
44.5	66.7%			
8/21/2021 5:00:00 AM	43.0	4	5	46
38.8	100.0%			
8/21/2021 6:00:00 AM	43.0	15	18	49
38.9	83.3%			
8/21/2021 7:00:00 AM	44.0	28	33	49
39.2	97.0%			
8/21/2021 8:00:00 AM	43.0	66	78	48
38.6	88.5%			
8/21/2021 9:00:00 AM	44.0	86	101	55
39.2	91.1%			
8/21/2021 10:00:00 AM	42.0	131	154	48
37.3	90.9%			
8/21/2021 11:00:00 AM	41.0	132	155	56
37.4	83.9%			
8/21/2021 12:00:00 PM	41.0	144	170	47
37.3	90.6%			
8/21/2021 1:00:00 PM	41.0	159	187	47
37.3	90.4%			
8/21/2021 2:00:00 PM	41.0	142	167	51
37.1	87.4%			
8/21/2021 3:00:00 PM	41.0	142	167	47
36.9	88.0%			
8/21/2021 4:00:00 PM	41.0	112	132	55
37.7	87.9%			
8/21/2021 5:00:00 PM	42.0	107	126	52
37.6	95.2%			
8/21/2021 6:00:00 PM	42.0	116	137	49
37.6	86.9%			

8/21/2021 7:00:00 PM	41.0	106	125	46
37.7	92.0%			
8/21/2021 8:00:00 PM	41.0	94	110	55
36.7	84.5%			
8/21/2021 9:00:00 PM	42.0	82	96	60
37.2	91.7%			
8/21/2021 10:00:00 PM	41.0	38	45	55
36.6	80.0%			
8/21/2021 11:00:00 PM	41.0	37	43	49
38.4	76.7%			
8/22/2021 12:00:00 AM	39.0	26	30	46
36.7	76.7%			
8/22/2021 1:00:00 AM	40.0	9	11	45
36.2	100.0%			
8/22/2021 2:00:00 AM	37.0	3	4	38
35.7	75.0%			
8/22/2021 3:00:00 AM	40.0	2	2	40
38.0	100.0%			
8/22/2021 4:00:00 AM	51.0	3	3	51
41.3	100.0%			
8/22/2021 5:00:00 AM	48.0	2	2	48
39.5	100.0%			
8/22/2021 6:00:00 AM	45.0	8	9	56
38.9	100.0%			
8/22/2021 7:00:00 AM	44.0	17	20	45
38.8	95.0%			
8/22/2021 8:00:00 AM	41.0	36	42	48
36.5	76.2%			
8/22/2021 9:00:00 AM	42.0	59	69	48
38.0	82.6%			
8/22/2021 10:00:00 AM	42.0	74	87	50
37.5	90.8%			
8/22/2021 11:00:00 AM	43.0	66	78	49
37.8	91.0%			
8/22/2021 12:00:00 PM	42.0	74	87	49
38.0	90.8%			
8/22/2021 1:00:00 PM	43.0	69	81	51
38.4	92.6%			
8/22/2021 2:00:00 PM	42.0	83	98	52
37.2	94.9%			
8/22/2021 3:00:00 PM	43.0	75	88	49
37.8	93.2%			
8/22/2021 4:00:00 PM	41.0	65	77	45
37.2	85.7%			
8/22/2021 5:00:00 PM	43.0	80	94	48
37.8	91.5%			
8/22/2021 6:00:00 PM	42.0	65	77	47
37.3	90.9%			

8/22/2021 7:00:00 PM	43.0	48	56	49
37.9	78.6%			
8/22/2021 8:00:00 PM	40.0	49	58	47
35.9	79.3%			
8/22/2021 9:00:00 PM	42.0	34	40	48
36.6	80.0%			
8/22/2021 10:00:00 PM	43.0	17	20	48
38.4	90.0%			
8/22/2021 11:00:00 PM	42.0	17	20	44
38.7	95.0%			
8/23/2021 12:00:00 AM	41.0	6	7	43
35.1	100.0%			
8/23/2021 1:00:00 AM	30.0	1	1	30
NaN	0.0%			
8/23/2021 2:00:00 AM	40.0	4	5	42
37.8	100.0%			
8/23/2021 3:00:00 AM	51.0	3	3	51
39.0	100.0%			
8/23/2021 4:00:00 AM	36.0	3	4	41
35.3	75.0%			
8/23/2021 5:00:00 AM	41.0	7	8	41
37.1	100.0%			
8/23/2021 6:00:00 AM	43.0	47	55	48
38.6	94.5%			
8/23/2021 7:00:00 AM	44.0	92	108	50
39.0	95.4%			
8/23/2021 8:00:00 AM	43.0	101	119	47
38.8	91.6%			
8/23/2021 9:00:00 AM	41.0	105	123	50
37.5	89.4%			
8/23/2021 10:00:00 AM	42.0	66	78	49
37.0	85.9%			
8/23/2021 11:00:00 AM	43.0	76	89	52
37.8	93.3%			
8/23/2021 12:00:00 PM	41.0	76	89	48
37.0	84.3%			
8/23/2021 1:00:00 PM	41.0	90	106	45
36.9	86.8%			
8/23/2021 2:00:00 PM	42.0	92	108	58
37.7	88.0%			
8/23/2021 3:00:00 PM	41.0	99	116	56
37.4	88.8%			
8/23/2021 4:00:00 PM	42.0	126	148	48
37.3	89.2%			
8/23/2021 5:00:00 PM	42.0	139	164	53
37.9	86.6%			
8/23/2021 6:00:00 PM	41.0	158	186	48
37.0	93.0%			

8/23/2021 7:00:00 PM	41.0	97	114	46
37.1	86.8%			
8/23/2021 8:00:00 PM	41.0	49	58	46
36.3	86.2%			
8/23/2021 9:00:00 PM	40.0	45	53	43
36.2	79.2%			
8/23/2021 10:00:00 PM	39.0	26	31	52
35.9	80.6%			
8/23/2021 11:00:00 PM	40.0	18	21	45
36.2	85.7%			
8/24/2021 12:00:00 AM	39.0	9	11	42
35.5	100.0%			
8/24/2021 1:00:00 AM	34.0	5	6	36
32.8	66.7%			
8/24/2021 2:00:00 AM	40.0	3	3	40
38.5	66.7%			
8/24/2021 3:00:00 AM	40.0	3	3	40
36.0	100.0%			
8/24/2021 4:00:00 AM	48.0	3	3	48
39.3	100.0%			
8/24/2021 5:00:00 AM	43.0	12	14	45
37.4	100.0%			
8/24/2021 6:00:00 AM	41.0	36	42	47
37.8	88.1%			
8/24/2021 7:00:00 AM	43.0	84	99	49
38.8	96.0%			
8/24/2021 8:00:00 AM	44.0	115	135	52
39.1	91.9%			
8/24/2021 9:00:00 AM	41.0	101	119	45
36.5	93.3%			
8/24/2021 10:00:00 AM	42.0	76	89	46
37.3	95.5%			
8/24/2021 11:00:00 AM	42.0	95	112	47
38.0	83.0%			
8/24/2021 12:00:00 PM	39.0	10	12	41
36.1	100.0%			

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

Date/Time Ending	85th pctl(mph)	85th pctl counts	Total	Max Speed
Avg Speeder	% Speeders			
8/18/2021 12:00:00 AM	40.0	154	181	48
35.9	79.6%			
8/19/2021 12:00:00 AM	42.0	1729	2034	60
37.4	88.8%			
8/20/2021 12:00:00 AM	42.0	1552	1826	51
37.3	89.0%			

8/21/2021 12:00:00 AM	42.0	1754	2064	77
37.4	88.4%			
8/22/2021 12:00:00 AM	42.0	1788	2104	60
37.5	88.4%			
8/23/2021 12:00:00 AM	42.0	960	1130	56
37.6	88.9%			
8/24/2021 12:00:00 AM	42.0	1528	1798	58
37.5	89.0%			
8/24/2021 11:08:41 AM	42.0	541	637	52
37.9	91.5%			