

## TRAFFIC ANALYSIS REPORT

For Project: Monroe Street at #24 Facing Madison Street

Location/Name: **Outgoing Direction**

Report Generated: 6/30/2017 11:51:59 PM

Speed Intervals = 1 mph

Time Intervals = Instant

Traffic Report From 6/20/2017 11:39:12 AM through 6/30/2017 7:19:02 AM

85th Percentile Speed = 37.0 mph

85th Percentile Vehicles = 13,036 counts

**Max Speed = 69.0 mph on 6/23/2017 4:33:45 PM**

Total Vehicles = 15,337 counts

AADT: 1561.9

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,452	1,390
AM peak	8:00 to 9:00	94	95
PM peak	5:00 to 6:00	82	77

Speed

Speed limit: 30 mph

85th Percentile Speed: 37.0 mph

Average Speed: 30.9 mph

	Monday	Tuesday	Wednesday	Thursday	Friday
Saturday	Sunday				
Count over limit	1135	1670	2231	2357	1419
904	743				
% over limit	68.4	66.1	68.1	69.7	70.0
67.4	66.0				
Avg speeder	34.7	34.7	34.8	35.0	34.7
35.0	34.9				

**Class counts**

	Number	%
VEH_SM	32	0.2
VEH_MED	14802	96.5
VEH_LG	503	3.3

[ VEH\_SM = motorcycle, VEH\_MED = sedan, VEH\_LG = truck ]

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

### Analysis Report (Project: Monroe Street at #24 Facing Madison Street Location: Outgoing

Hour	Monday 6/26/2017	Tuesday 6/27/2017	Wednesday 6/28/2017	Thursday 6/29/2017	Friday 6/30/2017	Saturday 7/1/2017	Sunday 7/2/2017	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
0 - 1	4	4	3	2	4	*	*	3.4	*	37.4
1 - 2	2	6	3	2	2	*	*	3	*	40.6
2 - 3	3	7	8	6	7	*	*	6.2	*	39.2
3 - 4	10	10	8	12	7	*	*	9.4	*	37.3
4 - 5	47	52	49	56	31	*	*	47	*	37
5 - 6	69	73	70	84	75	*	*	74.2	*	37.3
6 - 7	95	81	77	81	112	*	*	89.2	*	37.2
7 - 8	94	112	96	101	40	*	*	88.6	*	36.4
8 - 9	105	96	96	64	*	*	*	90.3	*	35.2
9 - 10	107	99	118	125	*	*	*	112.3	*	34.6
10 - 11	114	106	92	119	*	*	*	107.8	*	36
11 - 12	140	128	119	114	*	*	*	125.3	*	36
12 - 13	115	120	109	124	*	*	*	117	*	35.8
13 - 14	118	113	96	109	*	*	*	109	*	36.9
14 - 15	112	109	137	118	*	*	*	119	*	36.3
15 - 16	134	107	131	130	*	*	*	125.5	*	36.3
16 - 17	110	95	113	116	*	*	*	108.5	*	36.1
17 - 18	94	75	75	77	*	*	*	80.3	*	36.6
18 - 19	51	54	83	72	*	*	*	65	*	35.2
19 - 20	59	44	66	60	*	*	*	57.3	*	35.7
20 - 21	39	41	44	55	*	*	*	44.8	*	36.3
21 - 22	21	16	25	16	*	*	*	19.5	*	37.1
22 - 23	10	21	14	17	*	*	*	15.5	*	36.3
23 - 24	6	8	3	7	*	*	*	6	*	36.8
Totals	1659	1577	1635	1667	278	0	0			
% of Total	24.3%	23.1%	24%	24.5%	4.1%	0%	0%			

### Analysis Report (Project: Monroe Street at #24 Facing Madison Street Location: Outgoing

Hour	Monday 6/19/2017	Tuesday 6/20/2017	Wednesday 6/21/2017	Thursday 6/22/2017	Friday 6/23/2017	Saturday 6/24/2017	Sunday 6/25/2017	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
0-1	*	*	1	6	7	5	7	4.7	6	34
1-2	*	*	7	3	1	4	1	3.7	2.5	41.3
2-3	*	*	7	7	7	6	2	7	4	38.5
3-4	*	*	5	6	5	7	2	5.3	4.5	35.5
4-5	*	*	57	63	40	12	10	53.3	11	38.4
5-6	*	*	57	72	69	28	23	66	25.5	37
6-7	*	*	125	105	115	41	42	115	41.5	37.1
7-8	*	*	110	114	94	74	62	106	68	35.9
8-9	*	*	71	107	104	117	78	94	97.5	35.9
9-10	*	*	81	110	125	99	88	105.3	93.5	36.7
10-11	*	*	112	123	114	113	93	116.3	103	36.3
11-12	*	*	51	137	147	98	87	120.5	92.5	35.7
12-13	*	*	115	113	115	122	82	107.5	102	35.8
13-14	*	*	122	102	99	90	71	115	80.5	37.2
14-15	*	*	136	121	112	96	100	121	98	36.6
15-16	*	*	131	115	121	83	82	122	82.5	36.4
16-17	*	*	116	103	105	85	78	109.8	81.5	36.4
17-18	*	*	77	98	80	66	67	83.3	66.5	36.3
18-19	*	*	79	88	76	54	41	80.3	47.5	35.8
19-20	*	*	49	66	66	52	46	61.8	49	35.5
20-21	*	*	36	43	35	38	27	40.8	32.5	35.7
21-22	*	*	20	24	25	24	20	23	22	35.2
22-23	*	*	16	16	14	16	13	15.5	15	34.9
23-24	*	*	2	10	4	8	10	6	6.5	34.1
Totals	0	950	1643	1713	1749	1341	1125			
% of Total	0%	11.1%	19.3%	20.1%	20.5%	15.7%	13.2%			

## TRAFFIC ANALYSIS REPORT

For Project: Monroe Street at #24 Facing Madison Street

Location/Name: Incoming Direction

Report Generated: 6/30/2017 11:47:40 PM

Speed Intervals = 1 mph

Time Intervals = Instant

Traffic Report From 6/20/2017 11:39:18 AM through 6/30/2017 7:18:20 AM

85th Percentile Speed = 36.0 mph

85th Percentile Vehicles = 14,872 counts

Max Speed = 60.0 mph on 6/29/2017 2:17:01 AM

Total Vehicles = 17,497 counts

AADT: 1782.0

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,595	1,606
AM peak	8:00 to 9:00	78	79
PM peak	5:00 to 6:00	108	121

Speed

Speed limit: 30 mph

85th Percentile Speed: 36.0 mph

Average Speed: 31.1 mph

	Monday	Tuesday	Wednesday	Thursday	Friday
Saturday					
Count over limit	1189	1821	2477	3027	1487
1143	1304				
% over limit	68.7	67.2	70.8	72.6	70.2
73.7	75.8				
Avg speeder	34.3	34.1	34.4	34.4	34.3
34.5	34.5				

Class counts

	Number	%
VEH_SM	275	1.6
VEH_MED	16699	95.4
VEH_LG	523	3.0

[ VEH\_SM = motorcycle, VEH\_MED = sedan, VEH\_LG = truck ]

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

**Analysis Report (Project: Monroe Street at #24 Facing Madison Street Location: Incoming**

Hour	Monday 6/19/2017	Tuesday 6/20/2017	Wednesday 6/21/2017	Thursday 6/22/2017	Friday 6/23/2017	Saturday 6/24/2017	Sunday 6/25/2017	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
0 - 1	*	*	3	8	13	7	9	8	8	39.2
1 - 2	*	*	3	5	4	5	5	4	5	33.5
2 - 3	*	*	9	13	9	5	3	10.3	4	38.2
3 - 4	*	*	6	8	10	4	3	8	3.5	41.3
4 - 5	*	*	21	25	19	14	11	21.7	12.5	36.9
5 - 6	*	*	46	54	53	25	32	51	28.5	36.5
6 - 7	*	*	93	78	67	35	79.3	35	36.7	36.7
7 - 8	*	*	87	96	92	60	91.7	60.5	36.2	36.2
8 - 9	*	*	63	82	77	86	78	74	82	35.6
9 - 10	*	*	73	100	94	97	86	89	91.5	35.6
10 - 11	*	*	107	127	128	139	112	120.7	125.5	35.1
11 - 12	*	*	42	135	157	118	115	117.3	116.5	35.2
12 - 13	*	*	114	85	131	103	115	110.5	109	36
13 - 14	*	*	126	126	141	120	89	129.8	104.5	35.4
14 - 15	*	*	154	139	147	98	107	147	102.5	35.2
15 - 16	*	*	165	156	171	110	148	159.3	129	35.3
16 - 17	*	*	133	170	150	121	192	149	156.5	35.5
17 - 18	*	*	129	103	103	88	219	111.8	153.5	35.7
18 - 19	*	*	62	97	83	90	121	81.8	105.5	35.6
19 - 20	*	*	68	103	86	65	61	86.5	63	35.3
20 - 21	*	*	64	62	56	62	54	60.5	58	34.9
21 - 22	*	*	34	46	43	44	37	42.3	40.5	35.1
22 - 23	*	*	16	27	20	26	19	21.3	22.5	37.8
23 - 24	*	*	5	13	18	28	9	12.8	18.5	35.6
Totals	0	1112	1773	1865	1841	1550	1721			
% of Total	0%	11.3%	18%	18.9%	18.7%	15.7%	17.5%			

**Analysis Report (Project: Monroe Street at #24 Facing Madison Street Location: Incoming)**

Hour	Monday 6/26/2017	Tuesday 6/27/2017	Wednesday 6/28/2017	Thursday 6/29/2017	Friday 6/30/2017	Saturday 7/1/2017	Sunday 7/2/2017	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
0 - 1	8	8	10	6	37	*	*	13.8	*	36
1 - 2	3	7	5	2	34	*	*	10.2	*	37
2 - 3	3	8	9	14	23	*	*	11.4	*	33.3
3 - 4	4	6	3	8	27	*	*	9.6	*	34.7
4 - 5	25	19	23	16	19	*	*	20.4	*	37
5 - 6	42	46	54	51	49	*	*	48.4	*	36.8
6 - 7	66	62	74	75	57	*	*	66.8	*	35.9
7 - 8	88	108	87	69	30	*	*	76.4	*	36.6
8 - 9	86	86	69	76	*	*	*	79.3	*	35.7
9 - 10	82	93	78	100	*	*	*	88.3	*	35
10 - 11	121	99	109	97	*	*	*	106.5	*	35.4
11 - 12	126	130	120	128	*	*	*	126	*	35.7
12 - 13	133	102	111	121	*	*	*	116.8	*	35.5
13 - 14	109	132	124	123	*	*	*	122	*	35.7
14 - 15	135	137	126	131	*	*	*	132.3	*	35
15 - 16	169	119	165	169	*	*	*	155.5	*	35.4
16 - 17	157	135	163	142	*	*	*	149.3	*	35.4
17 - 18	115	89	103	99	*	*	*	101.5	*	36.3
18 - 19	85	55	88	117	*	*	*	86.3	*	35.6
19 - 20	74	60	77	263	*	*	*	118.5	*	35.6
20 - 21	49	61	58	224	*	*	*	98	*	34.8
21 - 22	30	22	38	149	*	*	*	59.8	*	34.8
22 - 23	15	11	24	70	*	*	*	30	*	36.4
23 - 24	5	4	6	56	*	*	*	17.8	*	37
Totals	1730	1599	1724	2306	276	0	0			
% of Total	22.7%	20.9%	22.6%	30.2%	3.6%	0%	0%			



*A sign of the future.™*

# Compliance And Risk Report

Generated by David Clark from City of Amesbury

on Jul 6, 2017 at 9:59:37 AM

Speed Bins: Size 0, Range 1 to 100

Time View: By Date (Total Volumes)

Site: 50 Monroe Street, WB

Time of Day: 0:00 to 23:59

Dates: 6/24/2017 to 6/30/2017

Medium Risk Threshold: Speed Limit + 10

High Risk Threshold: Speed Limit + 20

Date/Time Range	Speed Limit	Mode	Compliant	Low Risk	Medium Risk	High Risk	Total Num Vehicles
6/24/2017	30	Dependent Messages	843	777	13	1	1634
6/25/2017	30	Dependent Messages	823	853	7	0	1683
6/26/2017	30	Dependent Messages	1061	777	15	0	1853
6/27/2017	30	Dependent Messages	1101	766	12	0	1879
6/28/2017	30	Dependent Messages	1150	844	12	0	2006
6/29/2017	30	Dependent Messages	1438	954	20	0	2412
6/30/2017	30	Dependent Messages	356	327	22	1	706
Total # Vehicles			6772	5298	101	2	12173



# Compliance And Risk Report

Generated by David Clark from City of Amesbury

on Jul 6, 2017 at 9:59:41 AM

Speed Bins: Size 0, Range 1 to 100

Time View: By Date (Total Volumes)

Site: 50 Monroe Street, WB

Time of Day: 0:00 to 23:59

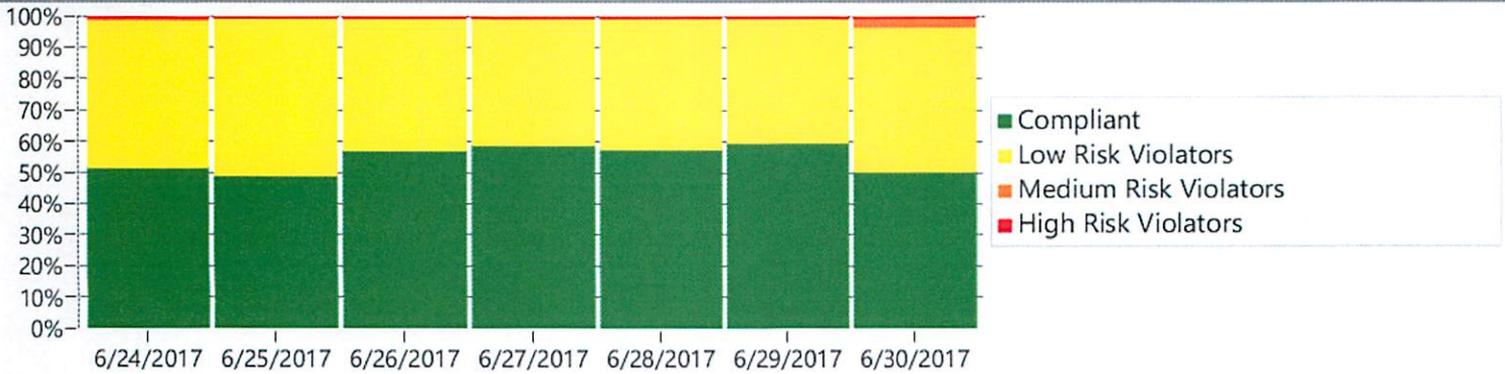
Dates: 6/24/2017 to 6/30/2017

Medium Risk Threshold: Speed Limit + 10

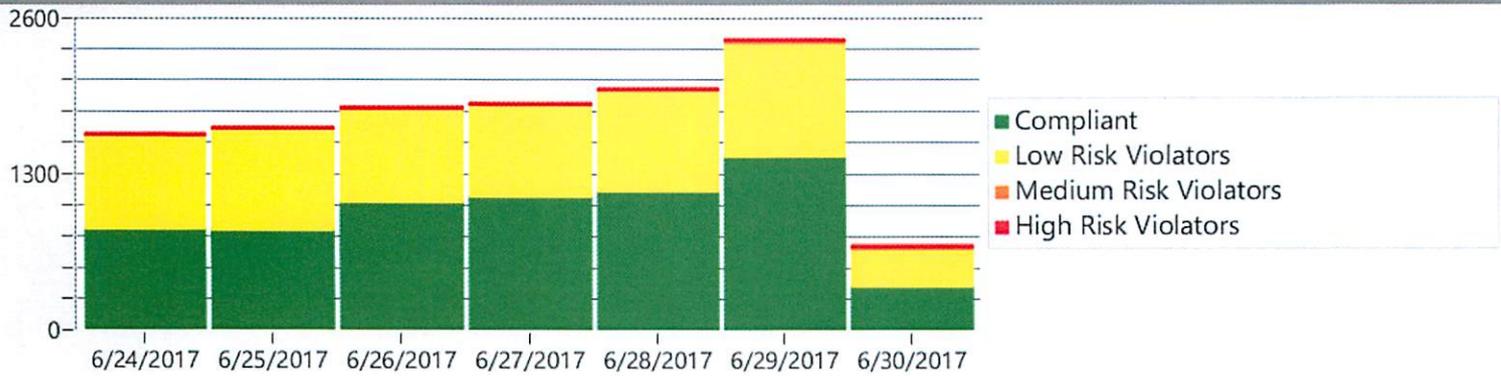
High Risk Threshold: Speed Limit + 20

*A sign of the future.™*

### Compliance % by Date



### Compliance by Date



### Speeds

