

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 |
|------------------|--------|---------|-----------|----------|--------|
| 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 6/19/2017 | 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 | 147 | 98 | 87 | 120.5 | 92.5 | 35.7 |
| 12 - 13 | * | 115 | 87 | 113 | 115 | 122 | 82 | 107.5 | 102 | 35.8 |
| 13 - 14 | * | 122 | 102 | 99 | 137 | 90 | 71 | 115 | 80.5 | 37.2 |
| 14 - 15 | * | 136 | 121 | 112 | 115 | 96 | 100 | 121 | 98 | 36.6 |
| 15 - 16 | * | 131 | 115 | 121 | 121 | 83 | 82 | 122 | 82.5 | 36.4 |
| 16 - 17 | * | 116 | 103 | 105 | 115 | 85 | 78 | 109.8 | 81.5 | 36.4 |
| 17 - 18 | * | 77 | 98 | 80 | 78 | 66 | 67 | 83.3 | 66.5 | 36.3 |
| 18 - 19 | * | 79 | 88 | 76 | 78 | 54 | 41 | 80.3 | 47.5 | 35.8 |
| 19 - 20 | * | 49 | 66 | 66 | 66 | 52 | 46 | 61.8 | 49 | 35.5 |
| 20 - 21 | * | 36 | 43 | 35 | 49 | 38 | 27 | 40.8 | 32.5 | 35.7 |
| 21 - 22 | * | 20 | 24 | 25 | 23 | 24 | 20 | 23 | 22 | 35.2 |
| 22 - 23 | * | 16 | 16 | 14 | 16 | 17 | 13 | 15.5 | 15 | 34.9 |
| 23 - 24 | * | 2 | 10 | 4 | 8 | 10 | 3 | 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% | | | |

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% | | | |

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 |
|------------------|--------|---------|-----------|----------|--------|
| 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 | 35 | 79.3 | 35 | 36.7 |
| 7 - 8 | * | * | 87 | 96 | 92 | 60 | 61 | 91.7 | 60.5 | 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 | 135 | 157 | 118 | 115 | 117.3 | 116.5 | 35.2 |
| 12 - 13 | * | 114 | 85 | 131 | 112 | 103 | 115 | 110.5 | 109 | 36 |
| 13 - 14 | * | 126 | 126 | 126 | 141 | 120 | 89 | 129.8 | 104.5 | 35.4 |
| 14 - 15 | * | 154 | 139 | 147 | 148 | 98 | 107 | 147 | 102.5 | 35.2 |
| 15 - 16 | * | 165 | 156 | 171 | 145 | 110 | 148 | 159.3 | 129 | 35.3 |
| 16 - 17 | * | 133 | 170 | 150 | 143 | 121 | 192 | 149 | 156.5 | 35.5 |
| 17 - 18 | * | 129 | 103 | 103 | 112 | 88 | 219 | 111.8 | 153.5 | 35.7 |
| 18 - 19 | * | 62 | 97 | 83 | 85 | 90 | 121 | 81.8 | 105.5 | 35.6 |
| 19 - 20 | * | 68 | 103 | 86 | 89 | 65 | 61 | 86.5 | 63 | 35.3 |
| 20 - 21 | * | 64 | 62 | 56 | 60 | 62 | 54 | 60.5 | 58 | 34.9 |
| 21 - 22 | * | 34 | 46 | 43 | 46 | 44 | 37 | 42.3 | 40.5 | 35.1 |
| 22 - 23 | * | 16 | 27 | 20 | 22 | 26 | 19 | 21.3 | 22.5 | 37.8 |
| 23 - 24 | * | 5 | 13 | 18 | 15 | 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

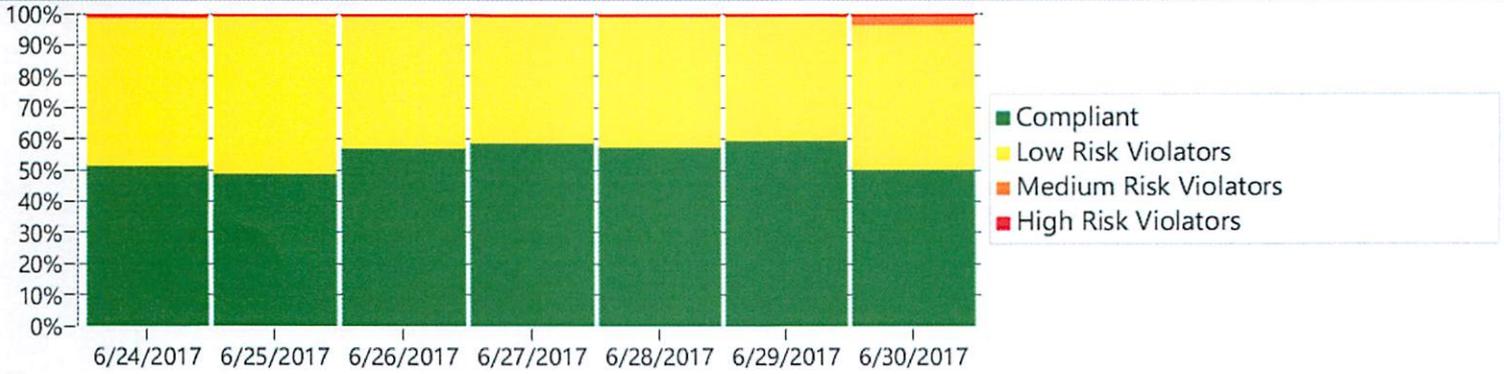
Dates: 6/24/2017 to 6/30/2017

Medium Risk Threshold: Speed Limit + 10

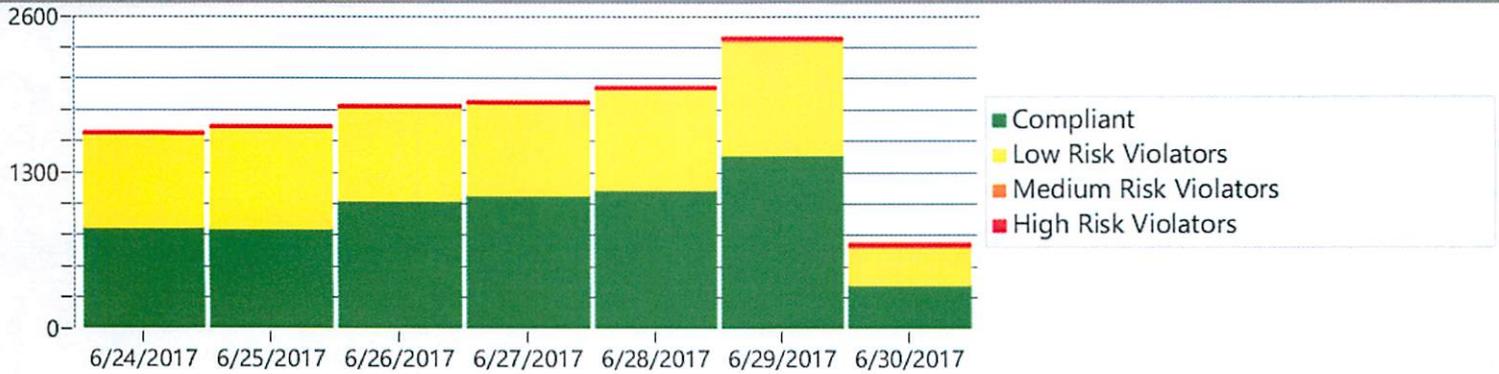
High Risk Threshold: Speed Limit + 20

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Compliance % by Date



Compliance by Date



Speeds

