# AUTOMATIC TRAFFIC RECORDERS 2005 - 2015

**Prepared by**

**OFFICE OF SYSTEMS PLANNING**

**In Cooperation With**

**UNITED STATES DEPARTMENT OF TRANSPORTATION**
**FEDERAL HIGHWAY ADMINISTRATION**

**PHONE 515-239-1526**

**JANUARY 2016**

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# INTRODUCTION

**This report contains graphic comparisons of daily and monthly traffic collected on Iowa's highway system at 167 Permanent Continuous Automatic Traffic Recorder locations. Twenty (20) stations are located on the Rural Interstate system, seven (7) are on the Municipal Interstate system, seventy-eight (78) are on the Rural Primary system, twenty-three (23) are on the Municipal Primary system, twenty-six (26) are on the Rural Secondary system and thirteen (13) are on the Municipal Street system. The map on page 26 shows the general location of count sites. Specific descriptions of locations, along with an eleven year summary of AADT's for each station, start on page 19. Sites without an AADT for 2015 were not used not in the calculations or graphs.**

**The report compares travel trends from 1980 to present. Traffic is shown for rural, municipal and statewide travel.**

**Factors for estimating Design Hour Volumes from Annual Average Daily Traffic are shown by highway system. The values are developed from the straight-line relationships between Design Hour Volume and Annual Average Daily Traffic for the period of 2006 - 2015.**

**Information from the permanent traffic recorders indicates a 2.6% increase in statewide travel from 2014 to 2015. The estimated vehicle miles of travel for 2015 is 33.18 billion. Final 2015 traffic figures will be published near June 2016, when all traffic data collected during 2015 has been processed.**

**More travel occurs on Friday than any other day of the week on all road systems. Sunday is the lowest travel day on all systems except Rural Interstate. This is typical of other years.**

## TRAFFIC VOLUME VARIATIONS

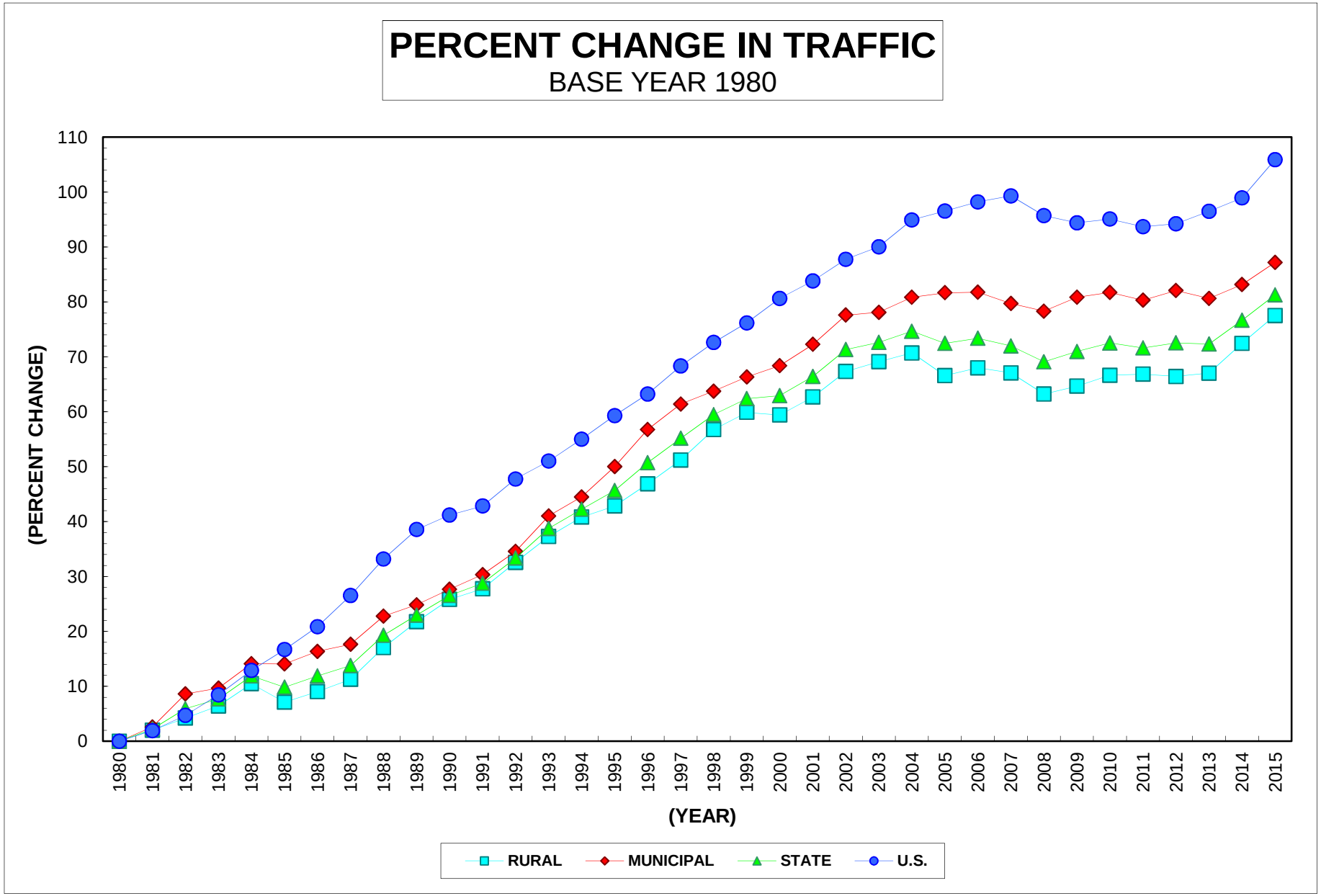
## ON

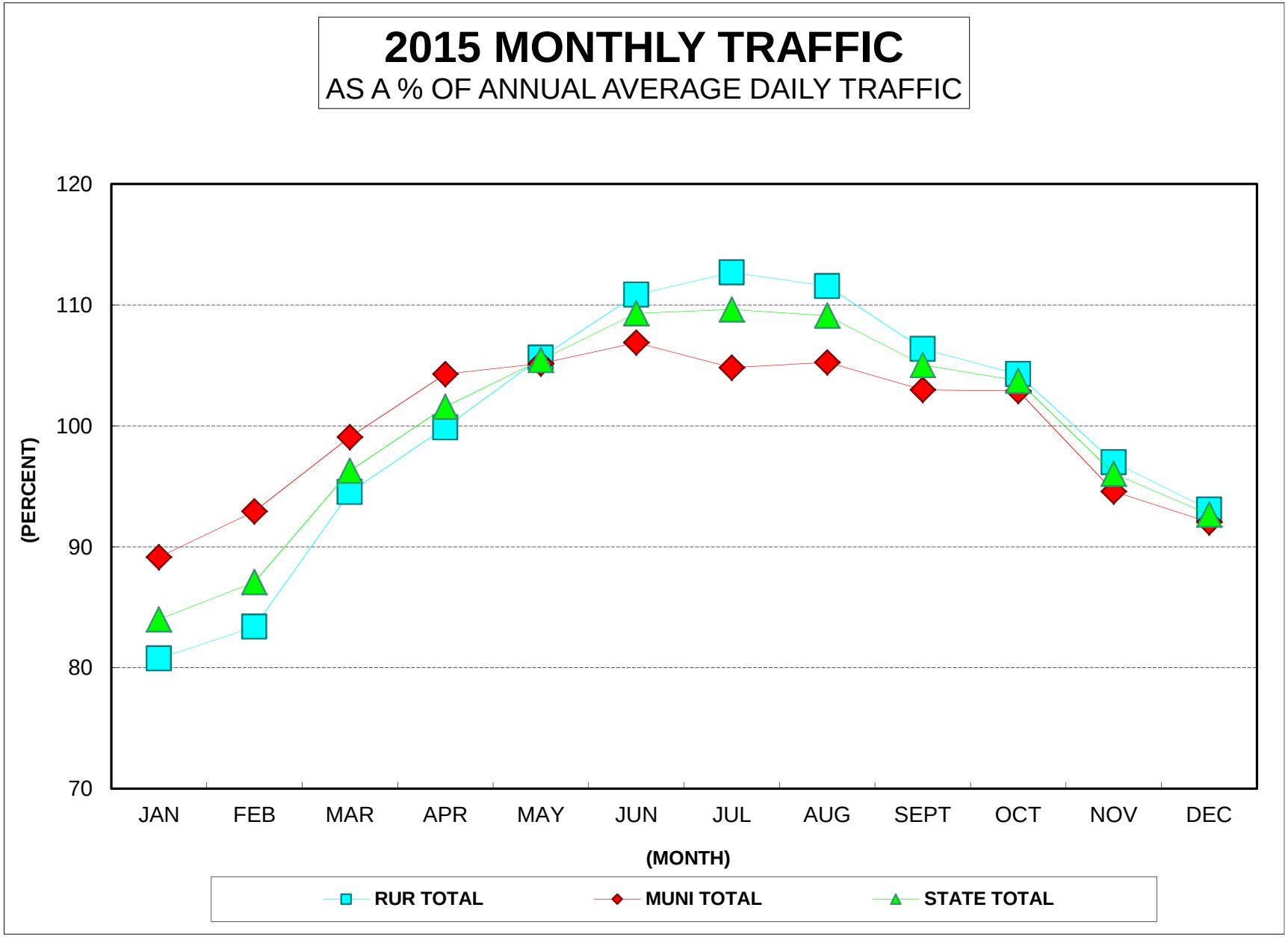
## IOWA ROAD SYSTEMS

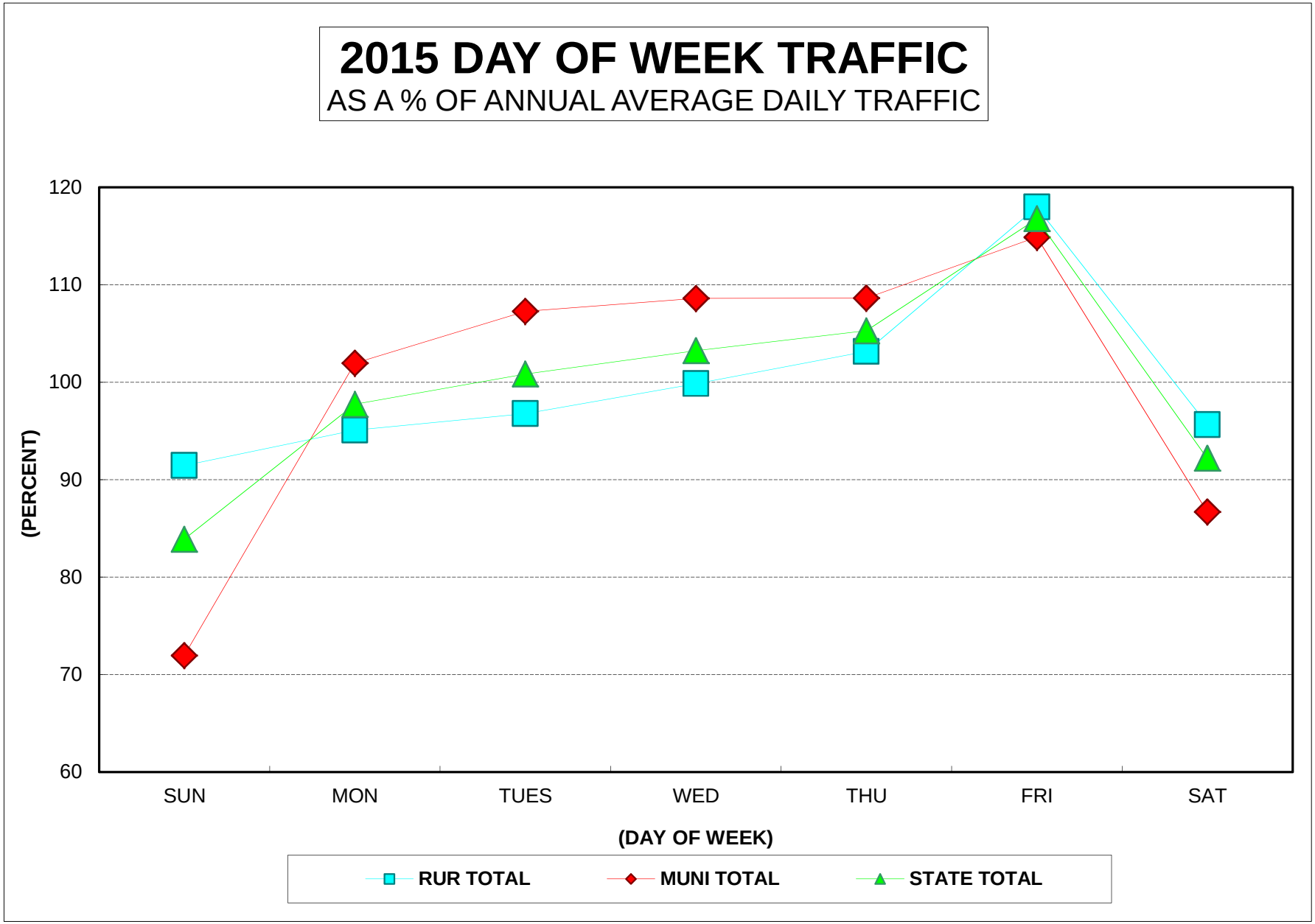
| | **2015** COMPARED TO **2014** |
|---|---|
| RURAL INTERSTATE | + 3.7 % |
| RURAL PRIMARY | + 3.7 % |
| RURAL SECONDARY | + 1.0 % |
| **RURAL TOTAL** | **+ 2.9 %** |
| | |
| MUNICIPAL INTERSTATE | + 2.9 % |
| MUNICIPAL PRIMARY | + 0.8 % |
| MUNICIPAL STREETS | + 2.7 % |
| **MUNICIPAL TOTAL** | **+ 2.2 %** |

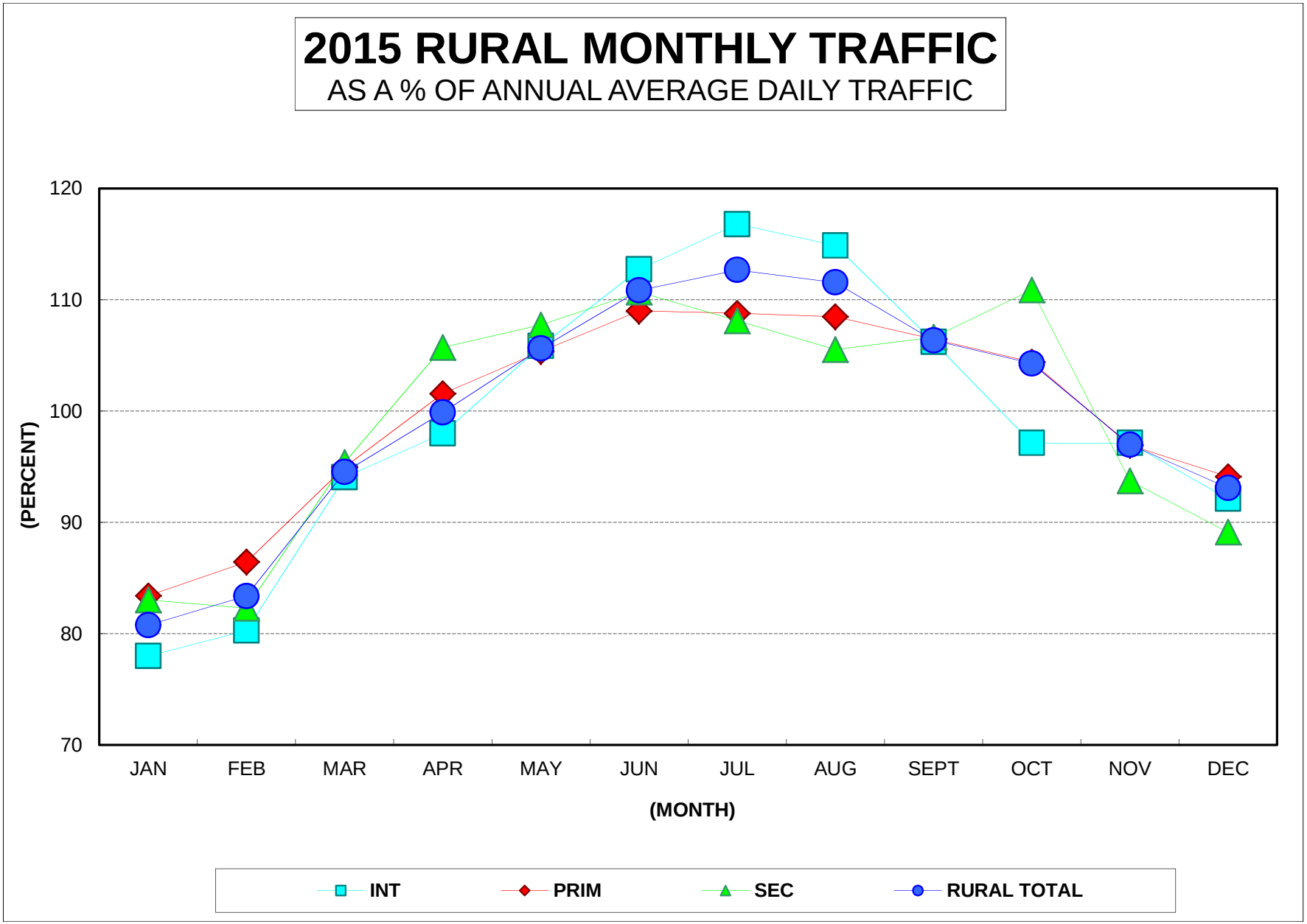
**STATE TOTAL** **+ 2.6 %**

Data collected at continuous automatic traffic recorder locations (see pages 19 – 25) were utilized to compute the above percentages. The rural, municipal and state totals were weighted based on estimated vehicle miles of travel.


PERCENT CHANGE IN TRAFFIC
BASE YEAR 1980
(PERCENT CHANGE)
0
10
20
30
40
50
60
70
80
90
100
110
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
(YEAR)
RURAL
MUNICIPAL
STATE
U.S.

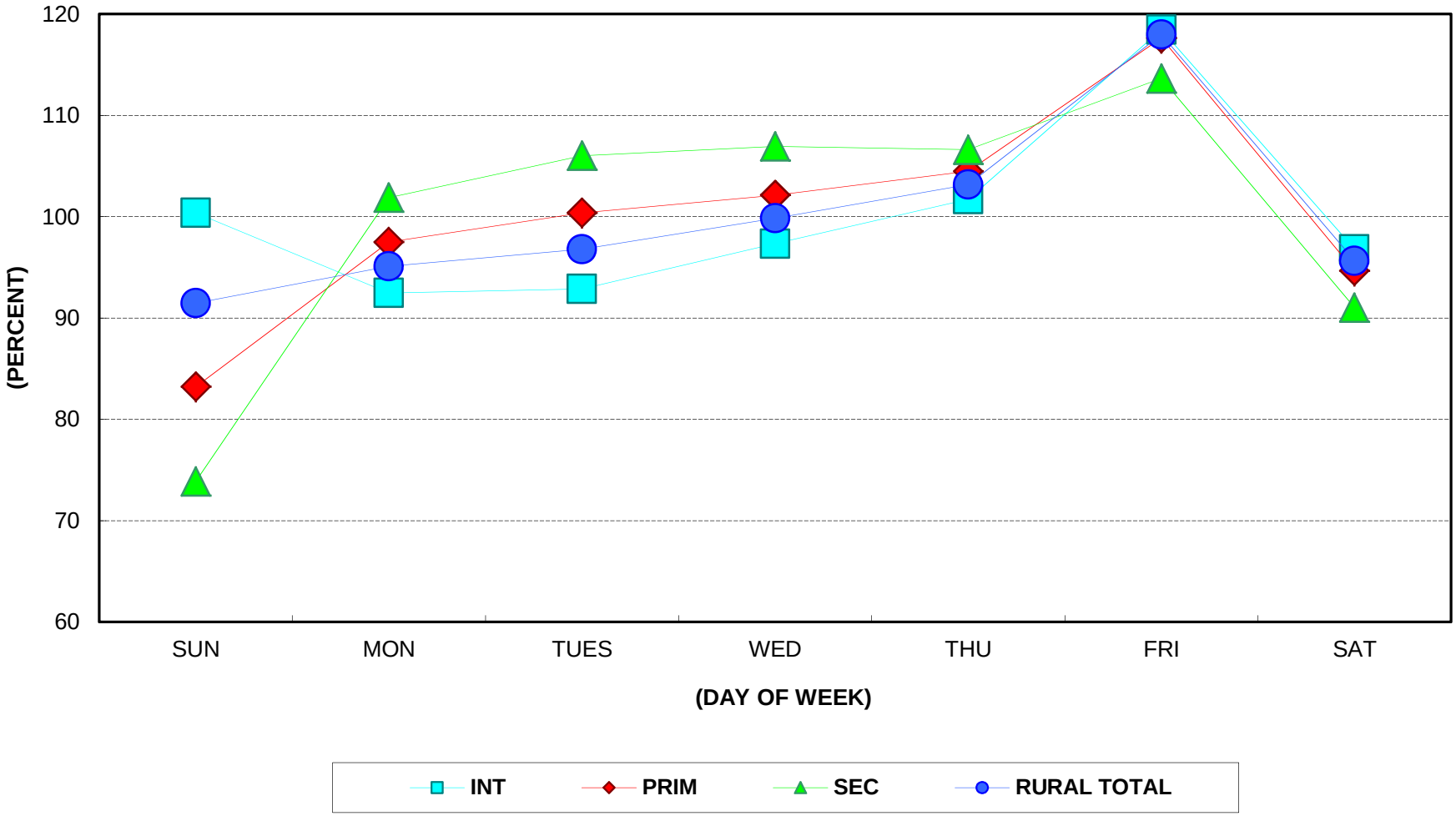

2015 MONTHLY TRAFFIC
AS A % OF ANNUAL AVERAGE DAILY TRAFFIC
120
110
100
90
80
70
(PERCENT)
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEPT
OCT
NOV
DEC
(MONTH)
RUR TOTAL
MUNI TOTAL
STATE TOTAL


2015 DAY OF WEEK TRAFFIC
AS A % OF ANNUAL AVERAGE DAILY TRAFFIC
120
110
100
90
80
70
60
(PERCENT)
SUN
MON
TUES
WED
THU
FRI
SAT
(DAY OF WEEK)
RUR TOTAL
MUNI TOTAL
STATE TOTAL


2015 RURAL MONTHLY TRAFFIC
AS A % OF ANNUAL AVERAGE DAILY TRAFFIC
120
110
100
90
80
70
(PERCENT)
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEPT
OCT
NOV
DEC
(MONTH)
INT
PRIM
SEC
RURAL TOTAL

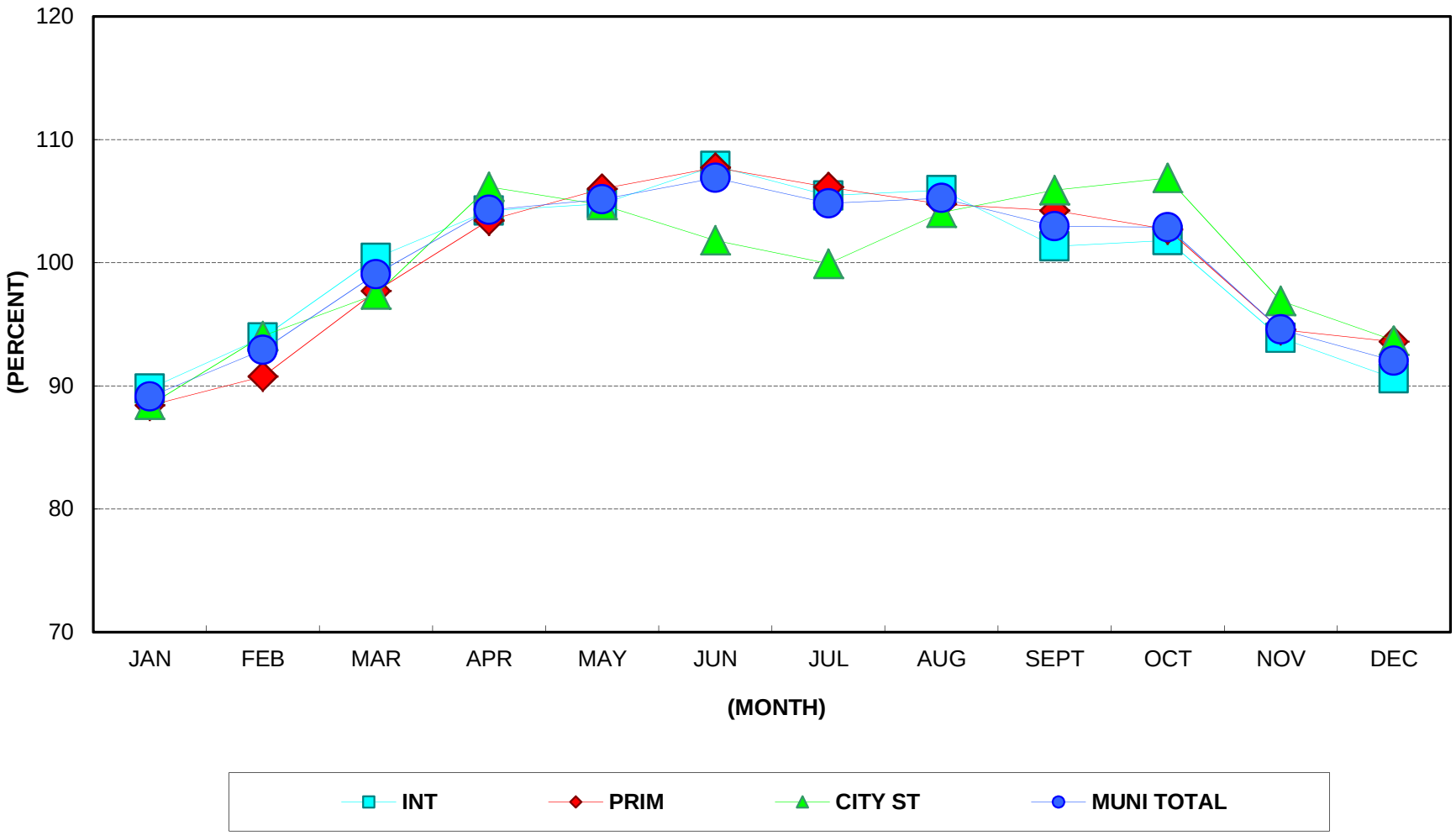
# 2015 RURAL DAY OF WEEK TRAFFIC

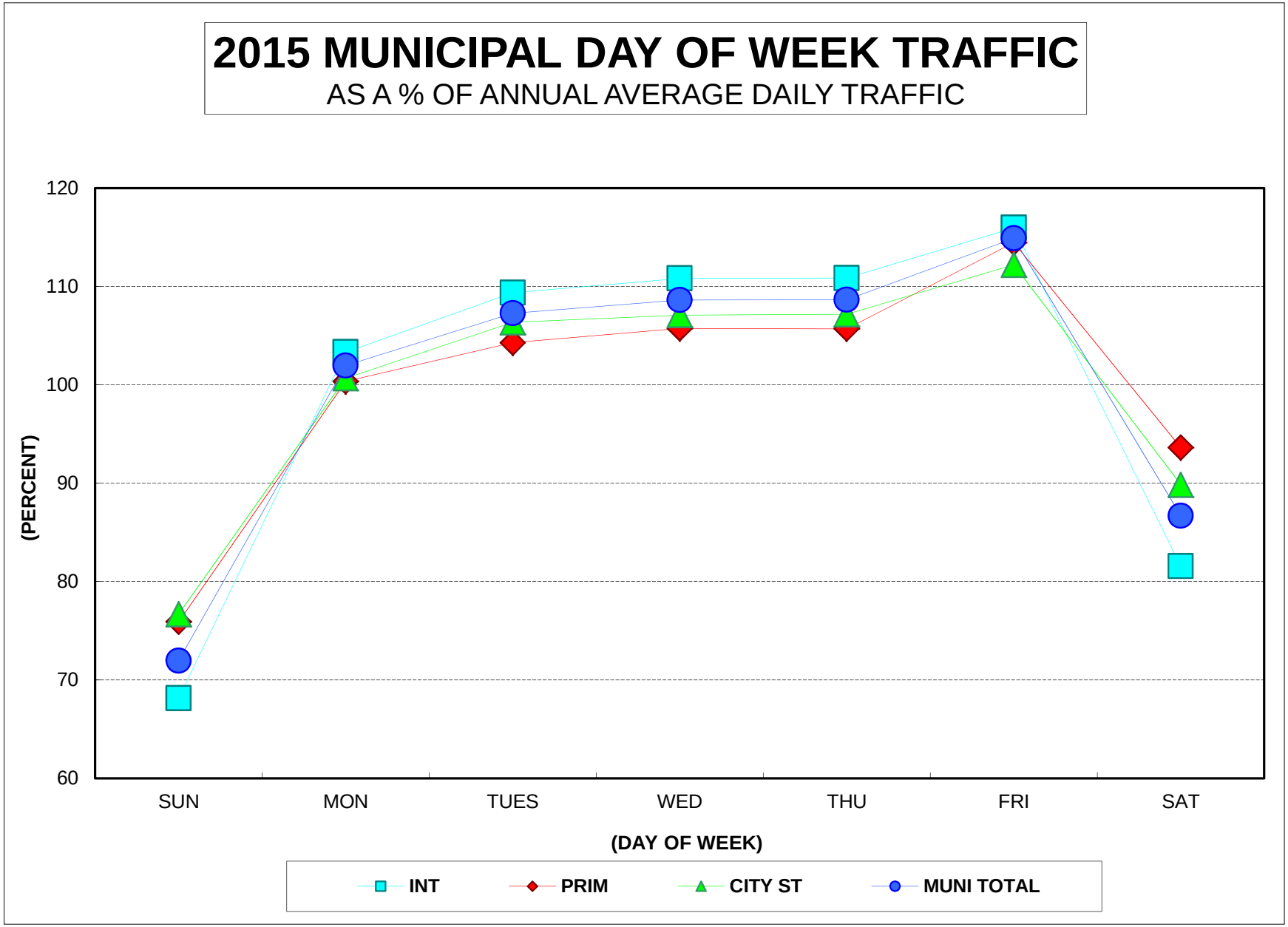
AS A % OF ANNUAL AVERAGE DAILY TRAFFIC



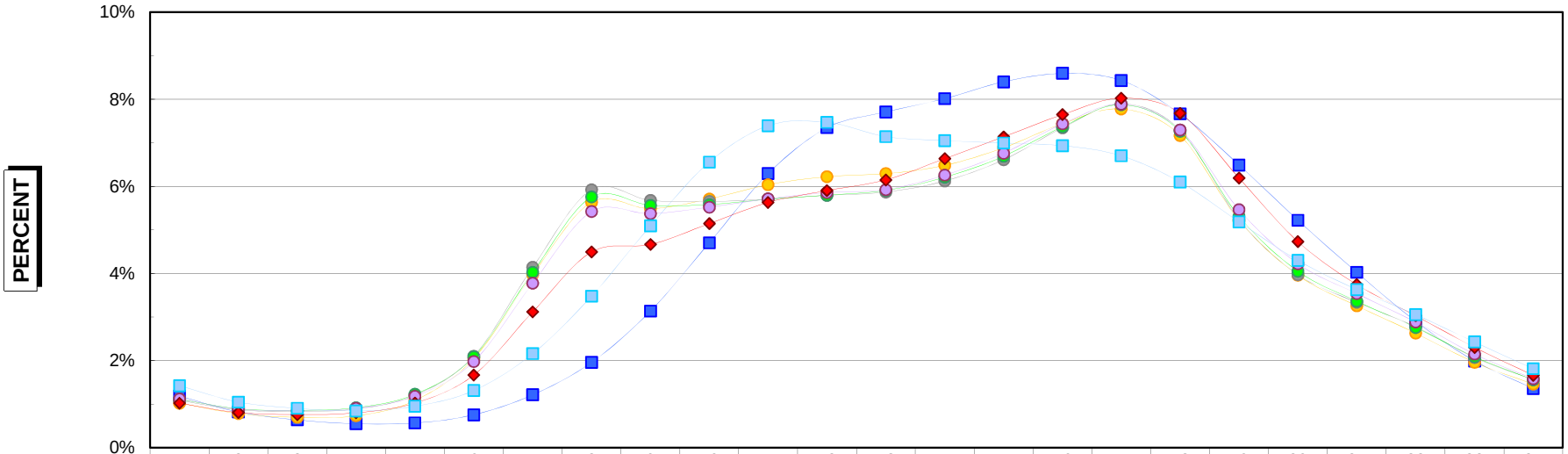
# 2015 MUNICIPAL MONTHLY TRAFFIC

AS A % OF ANNUAL AVERAGE DAILY TRAFFIC




2015 MUNICIPAL DAY OF WEEK TRAFFIC
AS A % OF ANNUAL AVERAGE DAILY TRAFFIC
120
110
100
90
80
70
60
(PERCENT)
SUN
MON
TUES
WED
THU
FRI
SAT
(DAY OF WEEK)
INT
PRIM
CITY ST
MUNI TOTAL

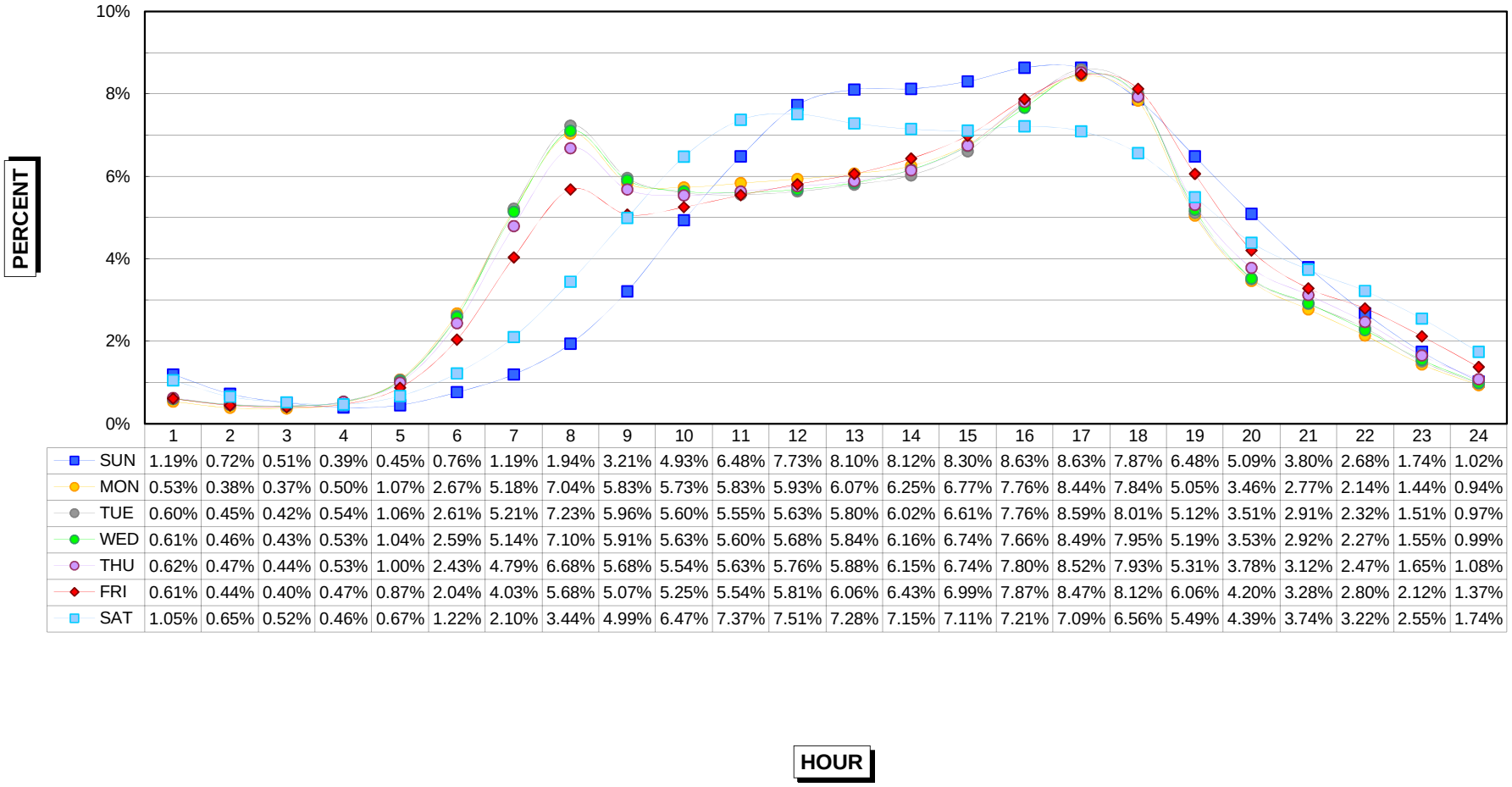
# HOURLY DISTRIBUTION OF DAILY TRAFFIC
# 2015 RURAL INTERSTATE




| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SUN | 1.19% | 0.82% | 0.64% | 0.55% | 0.57% | 0.76% | 1.22% | 1.96% | 3.14% | 4.70% | 6.29% | 7.35% | 7.71% | 8.01% | 8.40% | 8.60% | 8.43% | 7.67% | 6.49% | 5.22% | 4.03% | 2.90% | 1.99% | 1.36% |
| MON | 1.02% | 0.78% | 0.70% | 0.73% | 1.08% | 2.05% | 3.98% | 5.64% | 5.49% | 5.71% | 6.04% | 6.22% | 6.29% | 6.48% | 6.89% | 7.44% | 7.78% | 7.17% | 5.22% | 3.96% | 3.26% | 2.63% | 1.96% | 1.46% |
| TUE | 1.09% | 0.87% | 0.83% | 0.89% | 1.21% | 2.10% | 4.14% | 5.93% | 5.68% | 5.65% | 5.71% | 5.80% | 5.87% | 6.12% | 6.61% | 7.34% | 7.90% | 7.29% | 5.24% | 3.97% | 3.34% | 2.78% | 2.07% | 1.56% |
| WED | 1.11% | 0.89% | 0.86% | 0.92% | 1.23% | 2.09% | 4.03% | 5.76% | 5.57% | 5.58% | 5.71% | 5.80% | 5.91% | 6.21% | 6.69% | 7.37% | 7.88% | 7.27% | 5.31% | 4.05% | 3.37% | 2.76% | 2.09% | 1.56% |
| THU | 1.12% | 0.89% | 0.85% | 0.91% | 1.18% | 1.98% | 3.77% | 5.42% | 5.37% | 5.52% | 5.72% | 5.85% | 5.93% | 6.26% | 6.76% | 7.44% | 7.89% | 7.30% | 5.46% | 4.22% | 3.54% | 2.89% | 2.15% | 1.58% |
| FRI | 1.02% | 0.81% | 0.76% | 0.80% | 1.03% | 1.67% | 3.12% | 4.49% | 4.67% | 5.15% | 5.63% | 5.91% | 6.15% | 6.64% | 7.14% | 7.65% | 8.03% | 7.68% | 6.19% | 4.73% | 3.75% | 3.03% | 2.30% | 1.66% |
| SAT | 1.42% | 1.05% | 0.90% | 0.85% | 0.95% | 1.31% | 2.16% | 3.48% | 5.09% | 6.56% | 7.39% | 7.47% | 7.14% | 7.05% | 7.00% | 6.94% | 6.70% | 6.10% | 5.19% | 4.30% | 3.63% | 3.06% | 2.43% | 1.82% |

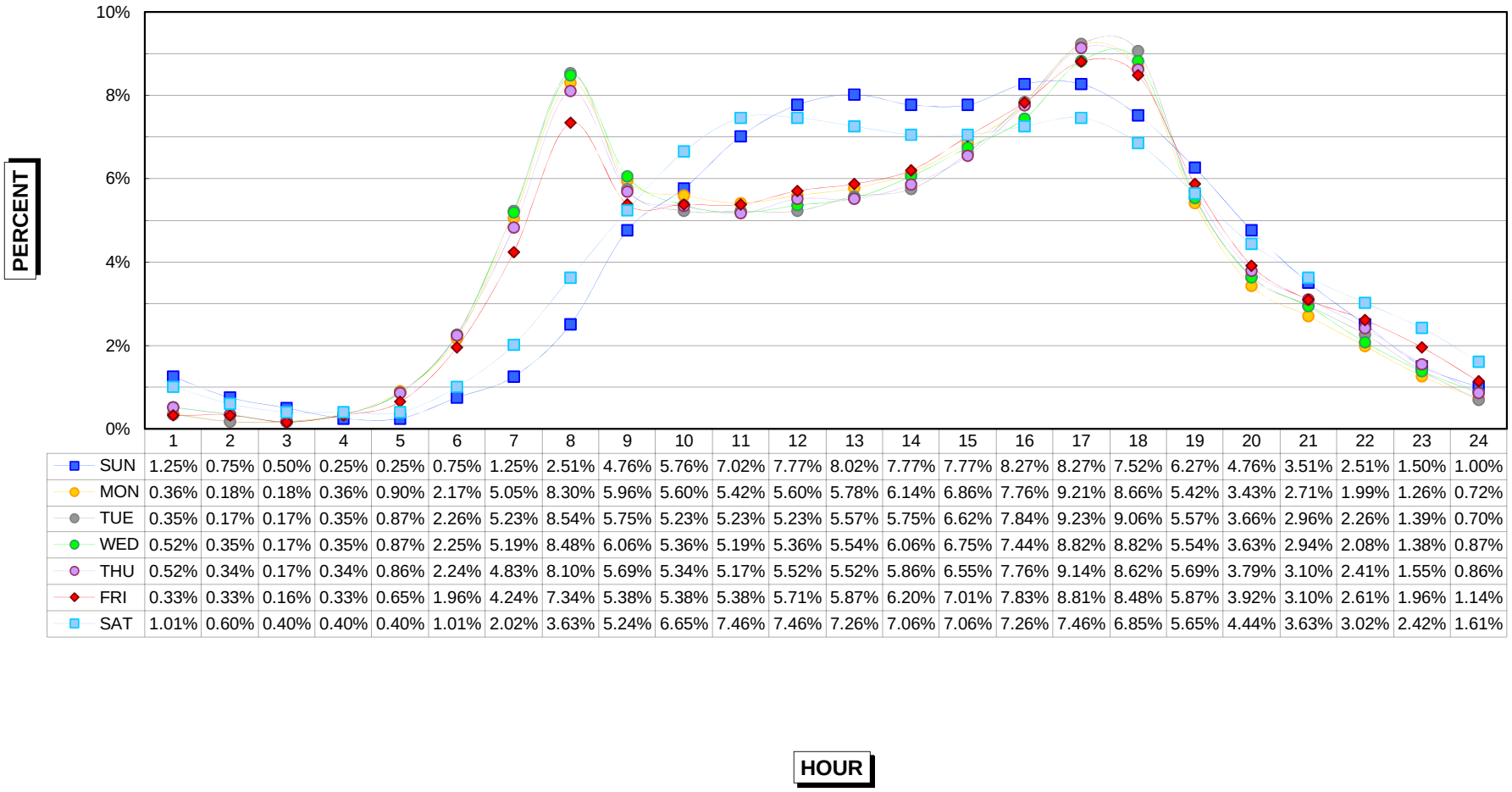
HOUR

# HOURLY DISTRIBUTION OF DAILY TRAFFIC
# 2015 RURAL PRIMARY



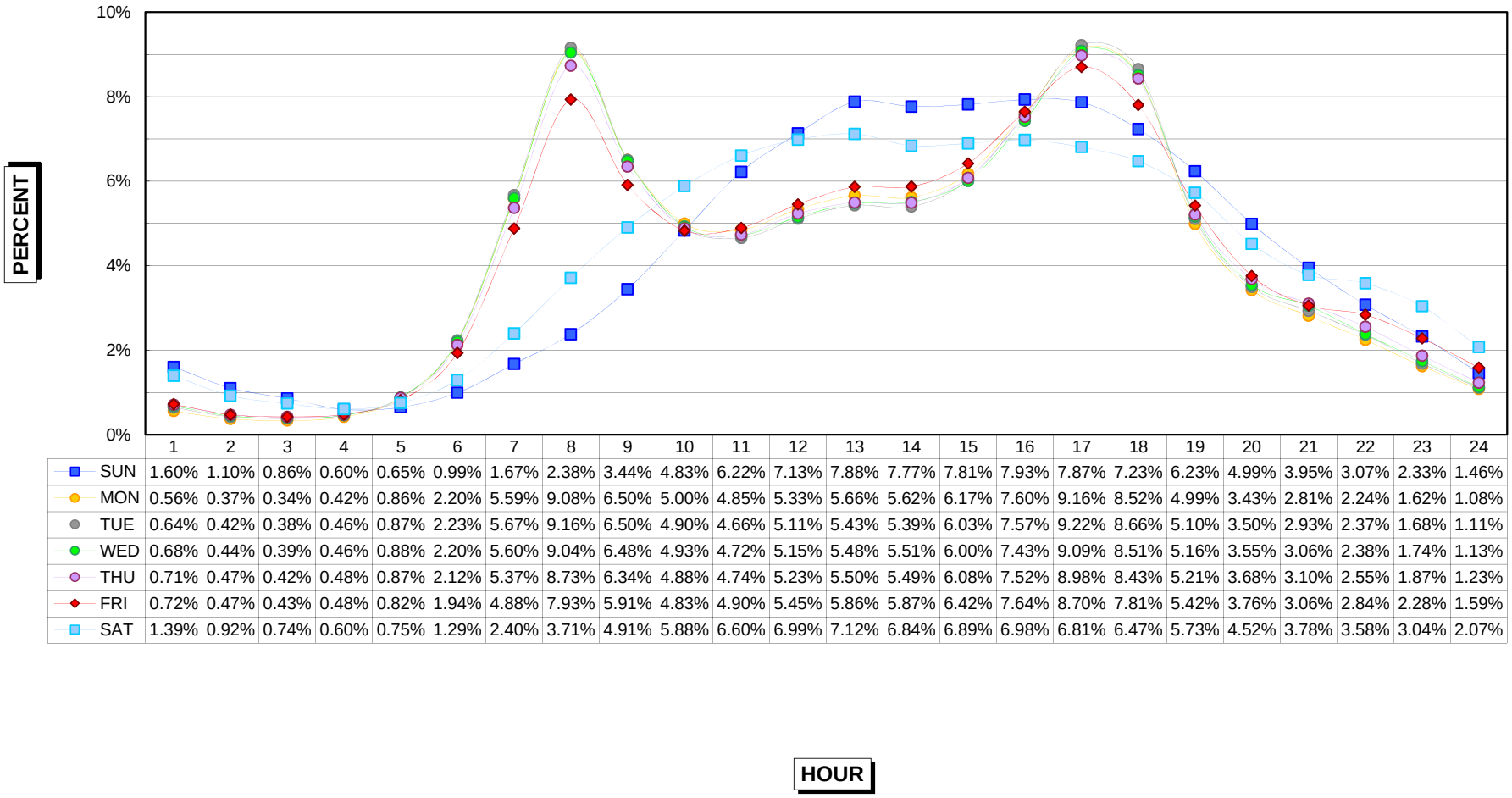

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SUN | 1.19% | 0.72% | 0.51% | 0.39% | 0.45% | 0.76% | 1.19% | 1.94% | 3.21% | 4.93% | 6.48% | 7.73% | 8.10% | 8.12% | 8.30% | 8.63% | 8.63% | 7.87% | 6.48% | 5.09% | 3.80% | 2.68% | 1.74% | 1.02% |
| MON | 0.53% | 0.38% | 0.37% | 0.50% | 1.07% | 2.67% | 5.18% | 7.04% | 5.83% | 5.73% | 5.83% | 5.93% | 6.07% | 6.25% | 6.77% | 7.76% | 8.44% | 7.84% | 5.05% | 3.46% | 2.77% | 2.14% | 1.44% | 0.94% |
| TUE | 0.60% | 0.45% | 0.42% | 0.54% | 1.06% | 2.61% | 5.21% | 7.23% | 5.96% | 5.60% | 5.55% | 5.63% | 5.80% | 6.02% | 6.61% | 7.76% | 8.59% | 8.01% | 5.12% | 3.51% | 2.91% | 2.32% | 1.51% | 0.97% |
| WED | 0.61% | 0.46% | 0.43% | 0.53% | 1.04% | 2.59% | 5.14% | 7.10% | 5.91% | 5.63% | 5.60% | 5.68% | 5.84% | 6.16% | 6.74% | 7.66% | 8.49% | 7.95% | 5.19% | 3.53% | 2.92% | 2.27% | 1.55% | 0.99% |
| THU | 0.62% | 0.47% | 0.44% | 0.53% | 1.00% | 2.43% | 4.79% | 6.68% | 5.68% | 5.54% | 5.63% | 5.76% | 5.88% | 6.15% | 6.74% | 7.80% | 8.52% | 7.93% | 5.31% | 3.78% | 3.12% | 2.47% | 1.65% | 1.08% |
| FRI | 0.61% | 0.44% | 0.40% | 0.47% | 0.87% | 2.04% | 4.03% | 5.68% | 5.07% | 5.25% | 5.54% | 5.81% | 6.06% | 6.43% | 6.99% | 7.87% | 8.47% | 8.12% | 6.06% | 4.20% | 3.28% | 2.80% | 2.12% | 1.37% |
| SAT | 1.05% | 0.65% | 0.52% | 0.46% | 0.67% | 1.22% | 2.10% | 3.44% | 4.99% | 6.47% | 7.37% | 7.51% | 7.28% | 7.15% | 7.11% | 7.21% | 7.09% | 6.56% | 5.49% | 4.39% | 3.74% | 3.22% | 2.55% | 1.74% |

# HOURLY DISTRIBUTION OF DAILY TRAFFIC
# 2015 RURAL SECONDARY



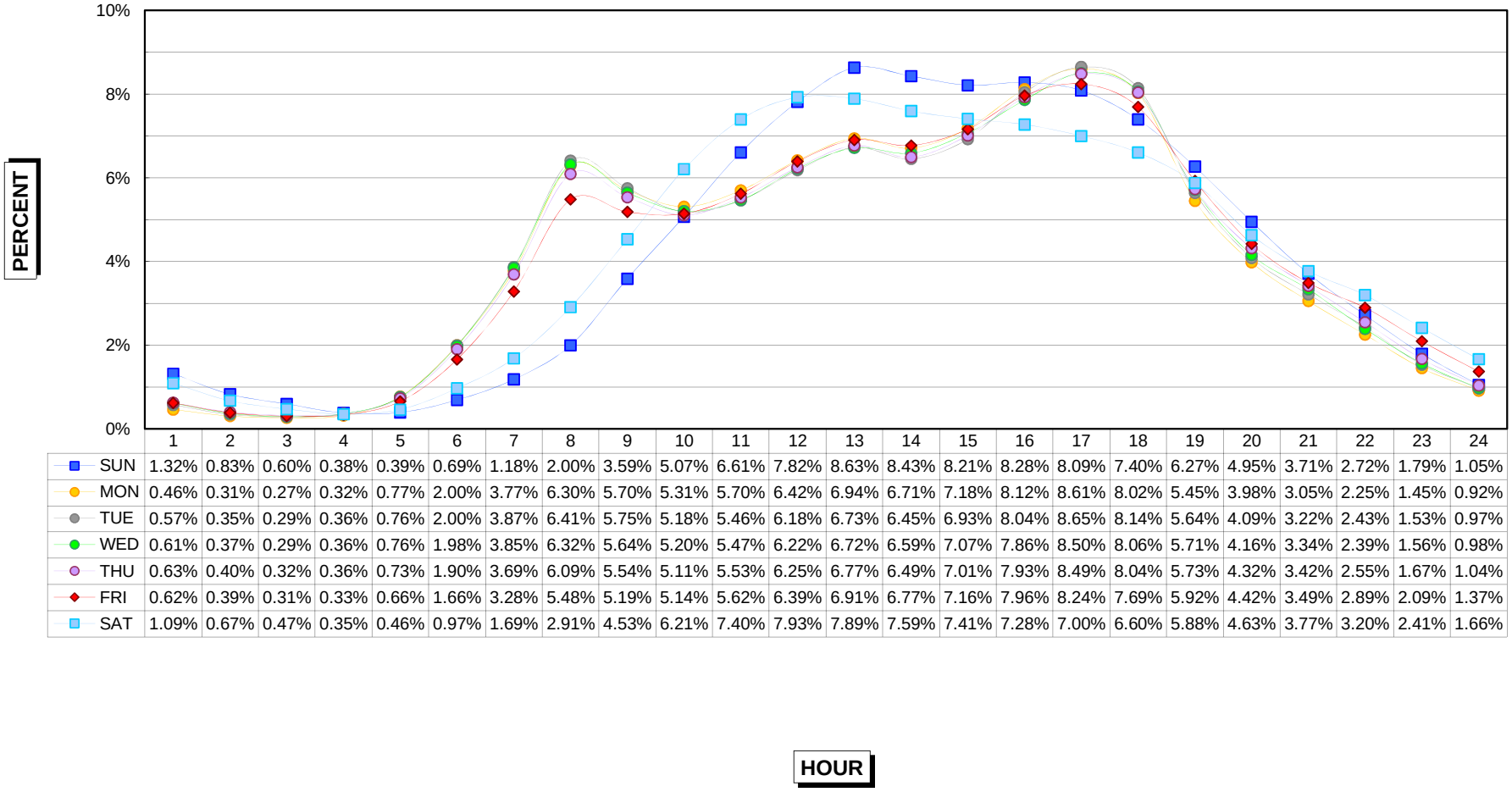

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SUN | 1.25% | 0.75% | 0.50% | 0.25% | 0.25% | 0.75% | 1.25% | 2.51% | 4.76% | 5.76% | 7.02% | 7.77% | 8.02% | 7.77% | 7.77% | 8.27% | 8.27% | 7.52% | 6.27% | 4.76% | 3.51% | 2.51% | 1.50% | 1.00% |
| MON | 0.36% | 0.18% | 0.18% | 0.36% | 0.90% | 2.17% | 5.05% | 8.30% | 5.96% | 5.60% | 5.42% | 5.60% | 5.78% | 6.14% | 6.86% | 7.76% | 9.21% | 8.66% | 5.42% | 3.43% | 2.71% | 1.99% | 1.26% | 0.72% |
| TUE | 0.35% | 0.17% | 0.17% | 0.35% | 0.87% | 2.26% | 5.23% | 8.54% | 5.75% | 5.23% | 5.23% | 5.23% | 5.57% | 5.75% | 6.62% | 7.84% | 9.23% | 9.06% | 5.57% | 3.66% | 2.96% | 2.26% | 1.39% | 0.70% |
| WED | 0.52% | 0.35% | 0.17% | 0.35% | 0.87% | 2.25% | 5.19% | 8.48% | 6.06% | 5.36% | 5.19% | 5.36% | 5.54% | 6.06% | 6.75% | 7.44% | 8.82% | 8.82% | 5.54% | 3.63% | 2.94% | 2.08% | 1.38% | 0.87% |
| THU | 0.52% | 0.34% | 0.17% | 0.34% | 0.86% | 2.24% | 4.83% | 8.10% | 5.69% | 5.34% | 5.17% | 5.52% | 5.52% | 5.86% | 6.55% | 7.76% | 9.14% | 8.62% | 5.69% | 3.79% | 3.10% | 2.41% | 1.55% | 0.86% |
| FRI | 0.33% | 0.33% | 0.16% | 0.33% | 0.65% | 1.96% | 4.24% | 7.34% | 5.38% | 5.38% | 5.38% | 5.71% | 5.87% | 6.20% | 7.01% | 7.83% | 8.81% | 8.48% | 5.87% | 3.92% | 3.10% | 2.61% | 1.96% | 1.14% |
| SAT | 1.01% | 0.60% | 0.40% | 0.40% | 0.40% | 1.01% | 2.02% | 3.63% | 5.24% | 6.65% | 7.46% | 7.46% | 7.26% | 7.06% | 7.06% | 7.26% | 7.46% | 6.85% | 5.65% | 4.44% | 3.63% | 3.02% | 2.42% | 1.61% |

# HOURLY DISTRIBUTION OF DAILY TRAFFIC
# 2015 MUNICIPAL INTERSTATE



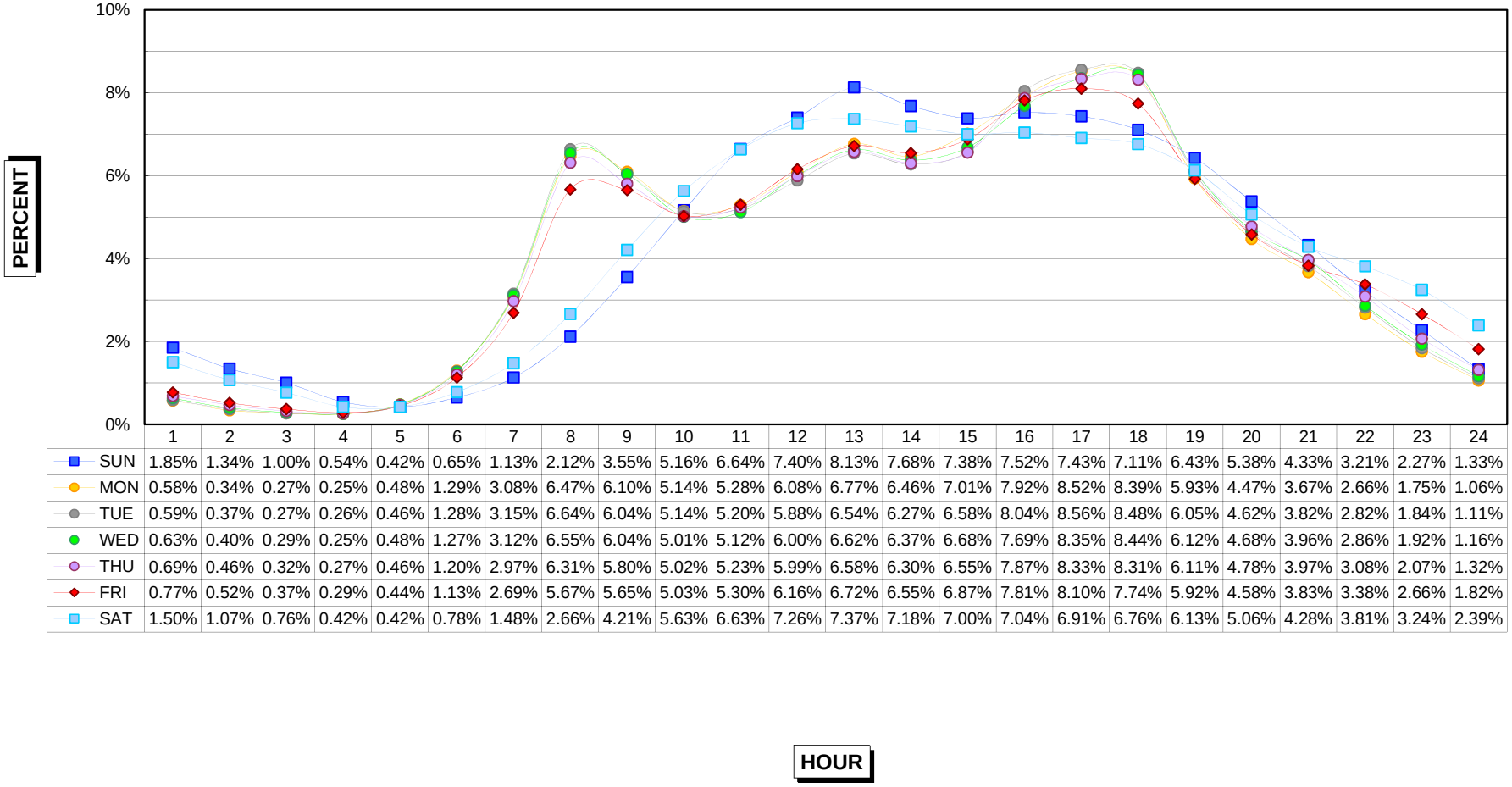

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SUN | 1.60% | 1.10% | 0.86% | 0.60% | 0.65% | 0.99% | 1.67% | 2.38% | 3.44% | 4.83% | 6.22% | 7.13% | 7.88% | 7.77% | 7.81% | 7.93% | 7.87% | 7.23% | 6.23% | 4.99% | 3.95% | 3.07% | 2.33% | 1.46% |
| MON | 0.56% | 0.37% | 0.34% | 0.42% | 0.86% | 2.20% | 5.59% | 9.08% | 6.50% | 5.00% | 4.85% | 5.33% | 5.66% | 5.62% | 6.17% | 7.60% | 9.16% | 8.52% | 4.99% | 3.43% | 2.81% | 2.24% | 1.62% | 1.08% |
| TUE | 0.64% | 0.42% | 0.38% | 0.46% | 0.87% | 2.23% | 5.67% | 9.16% | 6.50% | 4.90% | 4.66% | 5.11% | 5.43% | 5.39% | 6.03% | 7.57% | 9.22% | 8.66% | 5.10% | 3.50% | 2.93% | 2.37% | 1.68% | 1.11% |
| WED | 0.68% | 0.44% | 0.39% | 0.46% | 0.88% | 2.20% | 5.60% | 9.04% | 6.48% | 4.93% | 4.72% | 5.15% | 5.48% | 5.51% | 6.00% | 7.43% | 9.09% | 8.51% | 5.16% | 3.55% | 3.06% | 2.38% | 1.74% | 1.13% |
| THU | 0.71% | 0.47% | 0.42% | 0.48% | 0.87% | 2.12% | 5.37% | 8.73% | 6.34% | 4.88% | 4.74% | 5.23% | 5.50% | 5.49% | 6.08% | 7.52% | 8.98% | 8.43% | 5.21% | 3.68% | 3.10% | 2.55% | 1.87% | 1.23% |
| FRI | 0.72% | 0.47% | 0.43% | 0.48% | 0.82% | 1.94% | 4.88% | 7.93% | 5.91% | 4.83% | 4.90% | 5.45% | 5.86% | 5.87% | 6.42% | 7.64% | 8.70% | 7.81% | 5.42% | 3.76% | 3.06% | 2.84% | 2.28% | 1.59% |
| SAT | 1.39% | 0.92% | 0.74% | 0.60% | 0.75% | 1.29% | 2.40% | 3.71% | 4.91% | 5.88% | 6.60% | 6.99% | 7.12% | 6.84% | 6.89% | 6.98% | 6.81% | 6.47% | 5.73% | 4.52% | 3.78% | 3.58% | 3.04% | 2.07% |

# HOURLY DISTRIBUTION OF DAILY TRAFFIC
# 2015 MUNICIPAL PRIMARY




| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SUN | 1.32% | 0.83% | 0.60% | 0.38% | 0.39% | 0.69% | 1.18% | 2.00% | 3.59% | 5.07% | 6.61% | 7.82% | 8.63% | 8.43% | 8.21% | 8.28% | 8.09% | 7.40% | 6.27% | 4.95% | 3.71% | 2.72% | 1.79% | 1.05% |
| MON | 0.46% | 0.31% | 0.27% | 0.32% | 0.77% | 2.00% | 3.77% | 6.30% | 5.70% | 5.31% | 5.70% | 6.42% | 6.94% | 6.71% | 7.18% | 8.12% | 8.61% | 8.02% | 5.45% | 3.98% | 3.05% | 2.25% | 1.45% | 0.92% |
| TUE | 0.57% | 0.35% | 0.29% | 0.36% | 0.76% | 2.00% | 3.87% | 6.41% | 5.75% | 5.18% | 5.46% | 6.18% | 6.73% | 6.45% | 6.93% | 8.04% | 8.65% | 8.14% | 5.64% | 4.09% | 3.22% | 2.43% | 1.53% | 0.97% |
| WED | 0.61% | 0.37% | 0.29% | 0.36% | 0.76% | 1.98% | 3.85% | 6.32% | 5.64% | 5.20% | 5.47% | 6.22% | 6.72% | 6.59% | 7.07% | 7.86% | 8.50% | 8.06% | 5.71% | 4.16% | 3.34% | 2.39% | 1.56% | 0.98% |
| THU | 0.63% | 0.40% | 0.32% | 0.36% | 0.73% | 1.90% | 3.69% | 6.09% | 5.54% | 5.11% | 5.53% | 6.25% | 6.77% | 6.49% | 7.01% | 7.93% | 8.49% | 8.04% | 5.73% | 4.32% | 3.42% | 2.55% | 1.67% | 1.04% |
| FRI | 0.62% | 0.39% | 0.31% | 0.33% | 0.66% | 1.66% | 3.28% | 5.48% | 5.19% | 5.14% | 5.62% | 6.39% | 6.91% | 6.77% | 7.16% | 7.96% | 8.24% | 7.69% | 5.92% | 4.42% | 3.49% | 2.89% | 2.09% | 1.37% |
| SAT | 1.09% | 0.67% | 0.47% | 0.35% | 0.46% | 0.97% | 1.69% | 2.91% | 4.53% | 6.21% | 7.40% | 7.93% | 7.89% | 7.59% | 7.41% | 7.28% | 7.00% | 6.60% | 5.88% | 4.63% | 3.77% | 3.20% | 2.41% | 1.66% |

# HOURLY DISTRIBUTION OF DAILY TRAFFIC
# 2015 MUNICIPAL STREETS




| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SUN | 1.85% | 1.34% | 1.00% | 0.54% | 0.42% | 0.65% | 1.13% | 2.12% | 3.55% | 5.16% | 6.64% | 7.40% | 8.13% | 7.68% | 7.38% | 7.52% | 7.43% | 7.11% | 6.43% | 5.38% | 4.33% | 3.21% | 2.27% | 1.33% |
| MON | 0.58% | 0.34% | 0.27% | 0.25% | 0.48% | 1.29% | 3.08% | 6.47% | 6.10% | 5.14% | 5.28% | 6.08% | 6.77% | 6.46% | 7.01% | 7.92% | 8.52% | 8.39% | 5.93% | 4.47% | 3.67% | 2.66% | 1.75% | 1.06% |
| TUE | 0.59% | 0.37% | 0.27% | 0.26% | 0.46% | 1.28% | 3.15% | 6.64% | 6.04% | 5.14% | 5.20% | 5.88% | 6.54% | 6.27% | 6.58% | 8.04% | 8.56% | 8.48% | 6.05% | 4.62% | 3.82% | 2.82% | 1.84% | 1.11% |
| WED | 0.63% | 0.40% | 0.29% | 0.25% | 0.48% | 1.27% | 3.12% | 6.55% | 6.04% | 5.01% | 5.12% | 6.00% | 6.62% | 6.37% | 6.68% | 7.69% | 8.35% | 8.44% | 6.12% | 4.68% | 3.96% | 2.86% | 1.92% | 1.16% |
| THU | 0.69% | 0.46% | 0.32% | 0.27% | 0.46% | 1.20% | 2.97% | 6.31% | 5.80% | 5.02% | 5.23% | 5.99% | 6.58% | 6.30% | 6.55% | 7.87% | 8.33% | 8.31% | 6.11% | 4.78% | 3.97% | 3.08% | 2.07% | 1.32% |
| FRI | 0.77% | 0.52% | 0.37% | 0.29% | 0.44% | 1.13% | 2.69% | 5.67% | 5.65% | 5.03% | 5.30% | 6.16% | 6.72% | 6.55% | 6.87% | 7.81% | 8.10% | 7.74% | 5.92% | 4.58% | 3.83% | 3.38% | 2.66% | 1.82% |
| SAT | 1.50% | 1.07% | 0.76% | 0.42% | 0.42% | 0.78% | 1.48% | 2.66% | 4.21% | 5.63% | 6.63% | 7.26% | 7.37% | 7.18% | 7.00% | 7.04% | 6.91% | 6.76% | 6.13% | 5.06% | 4.28% | 3.81% | 3.24% | 2.39% |

## SUMMARY OF ANALYSIS

### Analysis of the Thirtieth Highest Hour
### at the Permanent Continuous Automatic Traffic Recorder Stations
### 2006 - 2015

**Permanent automatic traffic recorder data is collected on a continuing basis in Iowa to facilitate the expansion of the short-time manual and portable recorder traffic counts to Annual Average Daily Traffic and to make possible a means of estimating design hour volumes from the Annual Average Daily Traffic. A record of the 50 highest hourly volumes at each rural automatic recorder station has been kept since 1949 and at each urban station since 1959, making possible the fitting of first degree curves to desired design hours periodically as the data has been accumulated.**

**From permanent automatic traffic recorder data a straight-line relationship between the design hour volume and the Annual Average Daily Traffic can be expressed mathematically as:**

$$Y = a + bx$$

**Where Y = nth high hour volume (design hour)**
**x = Annual Average Daily Traffic**
**a = A constant of minimum relationship**
**b = The slope relationship which can be expressed as a percentage of the Annual Average Daily Traffic**

**The constant "a" and the relationship "b" have been recomputed for the 30th highest hour as the data for each succeeding year has become available. Table 1 shows the 30th high hour results computed from data collected over a ten-year period, 2006 through 2015.**

**Table 1**

**Calculations of Design Hour Volumes (30th high hour)**
**From Annual Average Daily Traffic**

| | PRIMARY | | INTERSTATE | | SECONDARY | | CITY STREET | |
|---|---|---|---|---|---|---|---|---|
| | "a" Constant | "b" %AADT | "a" Constant | "b" %AADT | "a" Constant | "b" %AADT | "a" Constant | "b" %AADT |
| Rural | 11.74 | 10.84 | 367.69 | 9.72 | 4.72 | 12.31 | - | - |
| Municipal | 43.11 | 10.16 | 66.90 | 10.46 | - | - | 53.61 | 9.98 |

## ANNUAL AVERAGE DAILY TRAFFIC BY STATIONS FOR THE YEARS 2005 TO 2015

# RURAL INTERSTATE

| STATION | ROUTE | LOCATION | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100 | I 29 | 2.0 MI N OF S JCT I 680 HONEY CREEK | 20959 | 21484 | 21033 | 20246 | 20170 | 20593 | NONE | 19730 | 19907 | 20696 | 21770 |
| 102 | I 29 | 7.0 MI S OF US 34 PACIFIC JCT | 12151 | 12495 | 12300 | 11793 | 11761 | 11868 | NONE | 12008 | 12337 | 13563 | 13530 |
| 103 | I 80 | 1.0 MI W OF US 63 GRINNELL | 26325 | 26940 | 26853 | 26118 | 26234 | 26569 | 26045 | 26046 | 26235 | 26523 | 27320 |
| 104 | I 35 | 3.0 MI N OF IA 175 JEWELL | 20200 | 20629 | 20598 | 20147 | 20509 | NONE | 21248 | 21437 | 21726 | 21775 | 22963 |
| 105 | I 29 | 3.8 MI S OF IA 175 ONAWA | 12015 | 12283 | 12418 | 12096 | 12512 | 12791 | NONE | 12587 | 12667 | 13150 | 14096 |
| 106 | I 35 | 1.5 MI N OF IA 2 LEON | 12982 | 13290 | 13227 | 12705 | 12715 | 12786 | 12783 | 12699 | NONE | NONE | 13661 |
| 109 | I 35 | 3.0 MI N OF CO B20 HANLONTOWN | 17373 | 18466 | 18611 | 17794 | 18757 | 19118 | 19192 | 19254 | 19184 | 19324 | 20097 |
| 110 | I 80 | 1.5 MI W OF CO M16 SHELBY | 22208 | 22670 | 22752 | 21727 | 22189 | 22950 | NONE | NONE | 23070 | 23517 | 24441 |
| 111 | I 80 | 2.0 MI E OF IA 149 WILLIAMSBURG | 30939 | 31347 | 31325 | 29718 | 29950 | NONE | NONE | NONE | 30642 | 31210 | 32352 |
| 113 | I 380 | 1.5 MI N OF IA 150 BRANDON | 14308 | 14695 | 14976 | 14648 | 15084 | 15665 | 15796 | 15905 | 15937 | 16186 | 16741 |
| 115 | I 80 | 2.0 MI E OF US 71 ATLANTIC | 19282 | 19480 | 19697 | 19267 | 19067 | 19879 | 19661 | 19740 | 19821 | 20113 | 21331 |
| 116 | I 80 | 0.8 MI W OF 74TH ST WAUKEE | 33880 | 35190 | 34897 | 33977 | 34437 | 35427 | 35272 | 35527 | NONE | NONE | 39315 |
| 117 | I 80 | 1.8 MI E OF E JCT I 35/80/235 ALTOONA | 70547 | 70362 | 68589 | 67650 | 69757 | 72678 | 73105 | 74017 | 74863 | 75290 | NONE |
| 119 | I 80 | 1.5 MI E OF MIDDLE RD LECLAIRE | 28264 | 28926 | 28639 | 27436 | 27398 | NONE | 29604 | 29978 | 29000 | 30825 | 32582 |
| 120 | I 80 | 2.5 MI E OF CO RD X40 TIPTON | 32239 | 32583 | 32755 | 31284 | 31386 | 32327 | NONE | 31963 | 32640 | 33523 | NONE |
| 121 | I 35 | 2.0 MI N OF CO RD R75 DOWS | 13800 | 14112 | 13858 | 13376 | 13822 | NONE | 14291 | 14270 | 14195 | 14506 | 15227 |
| 122 | I 35 | 1.0 MI N OF IA 92 CUMMING | | | | 21255 | 21339 | 21205 | 21105 | 21087 | 21044 | NONE | NONE |
| 123 | I 80 | 4.8 MI E OF E JCT US 65 MITCHELLVILLE | | | | | | 35329 | 35061 | 35253 | 34996 | NONE | NONE |
| 124 | I 680 | 6.4 MI W OF I 80 BEEBEETOWN | | | | | | 6196 | NONE | 5947 | 5913 | 6039 | 6311 |
| 125 | I 380 | 6.0 MI N OF I 80 NORTH LIBERTY | | | | | | | NONE | 48518 | 49835 | 51703 | 53335 |

## 2015 EXPANSION FACTORS
## RURAL INTERSTATE

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SEASONAL** | 1.269 | 1.236 | 1.051 | 1.008 | 0.929 | 0.869 | 0.842 | 0.859 | 0.941 | 0.964 | 1.022 | 1.090 |
| **Sunday** | 1.133 | 1.119 | 1.025 | 0.981 | 1.017 | 9.630 | 0.926 | 0.971 | 0.958 | 0.947 | 0.969 | 1.000 |
| **Monday** | 1.064 | 1.042 | 1.126 | 1.063 | 1.060 | 1.089 | 1.075 | 1.091 | 1.049 | 1.092 | 1.164 | 1.108 |
| **Tuesday** | 1.035 | 1.043 | 1.112 | 1.100 | 1.110 | 1.113 | 1.112 | 1.115 | 1.131 | 1.123 | 1.064 | 1.062 |
| **Wednesday** | 1.022 | 1.015 | 1.031 | 1.068 | 1.078 | 1.063 | 1.033 | 1.063 | 1.097 | 1.072 | 0.929 | 1.034 |
| **Thursday** | 0.977 | 0.981 | 0.956 | 0.984 | 0.990 | 0.986 | 0.974 | 0.995 | 1.011 | 0.995 | 1.042 | 1.005 |
| **Friday** | 0.828 | 0.825 | 0.811 | 0.827 | 0.818 | 0.836 | 0.883 | 0.846 | 0.824 | 0.821 | 0.882 | 0.869 |
| **Saturday** | 1.016 | 1.048 | 1.035 | 1.056 | 1.008 | 1.029 | 1.065 | 0.994 | 1.016 | 1.044 | 1.021 | 0.984 |

## ANNUAL AVERAGE DAILY TRAFFIC BY STATIONS FOR THE YEARS 2005 TO 2015

# MUNICIPAL INTERSTATE

| STATION | ROUTE | LOCATION | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 701 | I 380 | BTWN WILSON AND 33RD CEDAR RAPIDS | 64150 | 64968 | 64650 | 63791 | 65296 | 66377 | 66597 | 66619 | 66629 | 67456 | 69639 |
| 703 | I 380 | AT J AVE S OF COLDSTREAM CEDAR RAPIDS | 81384 | 82503 | 82450 | 80922 | 80465 | 84299 | 82907 | 82911 | 82286 | 83915 | 85038 |
| 704 | I 29/80 | 0.6 MI W OF IA 192 COUNCIL BLUFFS | 77569 | 79350 | 79516 | 76838 | 75586 | 75988 | NONE | 75521 | NONE | NONE | NONE |
| 705 | I 74 | 0.6 MI S OF US 6 BETTENDORF | 48031 | 49099 | 48849 | 48427 | 47738 | NONE | 45756 | 47653 | 49404 | 49577 | NONE |
| 707 | I 29 | AT SOUTH DAKOTA BORDER SIOUX CITY | | | 28070 | 27931 | 28175 | SITE REMOVED JANUARY 2010 | | | | | |
| 708 | I 280 | 0.3 MI S OF IA 22 DAVENPORT | | | | | | NONE | 19943 | NONE | NONE | NONE | NONE |
| 709 | I 35 | N OF ORALABOR ROAD ANKENY | | | | | | NONE | 59603 | 57945 | 60027 | 62687 | NONE |
| 710 | I 235 | E. INNERLEG OF 35TH ST WEST DES MOINES | | | | | | NONE | NONE | NONE | NONE | NONE | NONE |
| 711 | I 235 | S OF GUTHRIE AVENUE DES MOINES | | | | | | 66548 | 64950 | NONE | NONE | NONE | NONE |
| 712 | I 235 | E OF SECOND AVENUE DES MOINES | | | | | | NONE | NONE | NONE | NONE | NONE | NONE |
| 713 | I 35/80 | E OF MERLE HAY ROAD DES MOINES | | | | | | NONE | NONE | SITE REMOVED MARCH 2012 | | | |
| 714 | I 235 | 0.4 MI N OF EUCLID AVENUE DES MOINES | | | | | | | | | NONE | 65417 | 68332 |
| 715 | I 29 | I 29 E OF IA 12 SIOUX CITY | | | | | | | | | | | 33150 |

## 2015 EXPANSION FACTORS
## MUNICIPAL INTERSTATE

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SEASONAL** | 1.126 | 1.065 | 1.009 | 0.957 | 0.952 | 0.937 | 0.966 | 0.950 | 0.955 | 0.956 | 1.020 | 1.058 |
| **Sunday** | 1.569 | 1.528 | 1.459 | 1.427 | 1.399 | 1.457 | 1.432 | 1.465 | 1.383 | 1.406 | 1.444 | 1.453 |
| **Monday** | 0.964 | 0.984 | 0.976 | 0.960 | 1.054 | 0.954 | 0.929 | 0.941 | 1.031 | 0.967 | 0.942 | 0.967 |
| **Tuesday** | 0.934 | 0.928 | 0.962 | 0.938 | 0.933 | 0.916 | 0.902 | 0.917 | 0.937 | 0.951 | 0.893 | 0.906 |
| **Wednesday** | 0.943 | 0.925 | 0.919 | 0.935 | 0.918 | 0.912 | 0.881 | 0.906 | 0.921 | 0.929 | 0.883 | 0.937 |
| **Thursday** | 0.905 | 0.899 | 0.895 | 0.909 | 0.897 | 0.896 | 0.906 | 0.889 | 0.898 | 0.905 | 0.984 | 0.917 |
| **Friday** | 0.823 | 0.843 | 0.842 | 0.861 | 0.845 | 0.868 | 0.914 | 0.864 | 0.850 | 0.857 | 0.878 | 0.878 |
| **Saturday** | 1.159 | 1.164 | 1.181 | 1.180 | 1.153 | 1.240 | 1.283 | 1.287 | 1.174 | 1.186 | 1.206 | 1.152 |

## ANNUAL AVERAGE DAILY TRAFFIC BY STATIONS FOR THE YEARS 2005 TO 2015

# RURAL PRIMARY

| STATION | ROUTE | LOCATION | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 201 | US 65 | 2.7 MI N OF IA 3 HAMPTON | 2886 | 2831 | 2808 | 2777 | 2824 | NONE | 2786 | 2814 | 2832 | 2879 | 2881 |
| 202 | US 71 | 2.0 MI N OF IA 44 HAMLIN | 3504 | 3450 | 3473 | 3375 | 3393 | 3537 | NONE | 3505 | NONE | NONE | NONE |
| 204 | US 75 | 1.3 MI N OF CO C60 HINTON | 12095 | 12296 | 12264 | 12302 | 12671 | 12918 | NONE | 12953 | 12985 | 13148 | 13820 |
| 205 | US 218 | 2.7 MI S OF IA 78 SWEDESBURG | 10375 | 10831 | 11292 | 11063 | 11484 | 11812 | 11809 | 11768 | 11798 | 12074 | 12816 |
| 206 | US 30 | AT BOONE/STORY CO LINE NAPIER | 12760 | 12793 | 12929 | 13039 | 13356 | 13578 | NONE | 13930 | 14076 | 14583 | 14913 |
| 207 | US 18 | 2.2 MI E OF US 169 ALGONA | 3332 | 3306 | 3449 | 3226 | 3326 | 3377 | 3402 | 3444 | 3460 | 3361 | 3425 |
| 208 | US 6 | 3.0 MI E OF CO V66 MARENGO | 3344 | 3256 | 3157 | 3113 | 3153 | 3256 | NONE | 3202 | NONE | 3181 | 3325 |
| 209 | US 67 | 1.5 MI S OF CO F45 PRINCETON | 4471 | 4424 | 4372 | 4181 | 4132 | NONE | 4264 | 4286 | 4207 | 4087 | 4106 |
| 210 | US 18 | 4.2 MI E OF IA 60 SHELDON | 4066 | 4061 | 4066 | 4053 | 4120 | 4213 | 4109 | 4207 | 4178 | 4077 | 4272 |
| 212 | IA 92 | 0.6 MI W OF CO V45 SIGOURNEY | 2753 | 2731 | 2684 | 2554 | 2602 | 2632 | 2570 | NONE | 2445 | 2501 | 2560 |
| 213 | US 30 | 1.8 MI E OF US 65 COLO | 5074 | 5105 | 5058 | 4908 | 5047 | NONE | NONE | 5719 | 5872 | 6248 | 6587 |
| 214 | US 61 | 3.8 MI N OF US 34 BURLINGTON | 7097 | 7050 | 6985 | 6953 | 6814 | 6635 | 6520 | 6592 | 6612 | 6690 | 6882 |
| 216 | US 34/169 | 2.5 MI E OF W JCT US 169 AFTON | 3654 | 3696 | 3671 | 3537 | 3665 | 3870 | 3864 | 3845 | 3701 | 3661 | 3708 |
| 217 | US 18 | 2.5 MI E OF I 35 CLEAR LAKE | 15140 | 14373 | 14364 | 14173 | 14489 | NONE | 13763 | 13740 | 13508 | 13582 | 13712 |
| 218 | IA 44 | 0.2 MI W OF US 169 ADEL | 3646 | 3645 | 3444 | 3396 | 3406 | 3457 | 3476 | 3559 | 3458 | 3561 | NONE |
| 219 | US 34 | 1.0 MI W OF I 35 OSCEOLA | 4724 | 4724 | 4702 | 4575 | 4624 | 4711 | 4725 | 4792 | 4674 | 4589 | 4641 |
| 220 | US 52 | 1.0 MI NW OF US 18 POSTVILLE | 1757 | 1715 | 1658 | 1578 | 1609 | 1676 | 1616 | 1614 | NONE | 1516 | NONE |
| 221 | IA 9 | 2.5 MI W OF CO N52 ARMSTRONG | 1703 | 1678 | 1690 | 1592 | 1631 | NONE | NONE | 1657 | NONE | 1613 | 1627 |
| 222 | IA 3 | 0.1 MI W OF CO P66 HUMBOLDT | 1989 | 1956 | 1919 | 1844 | 1793 | 1917 | 2004 | NONE | 1732 | NONE | NONE |
| 223 | IA 48 | 4.0 MI S OF IA 92 GRISWOLD | 1238 | 1248 | 1221 | 1171 | 1164 | 1190 | 1199 | 1225 | 1218 | 1212 | 1213 |
| 224 | US 59 | 0.5 MI S OF CO F16 DEFIANCE | 2644 | 2613 | 2561 | 2507 | 2590 | 2638 | NONE | 2656 | 2623 | 2642 | 2696 |
| 226 | US 18 | 3.8 MI E OF CO W14 WEST UNION | 2292 | 2357 | 2339 | 2197 | 2291 | 2269 | NONE | NONE | 2501 | 2425 | 2489 |
| 228 | IA 117 | 2.5 MI S OF US 65 MINGO | 967 | 993 | 986 | 979 | 993 | 951 | NONE | NONE | NONE | 847 | 933 |
| 229 | IA 78 | 1.2 MI W OF CO X23 WINFIELD | 757 | 785 | 742 | 738 | 748 | 750 | 761 | NONE | 765 | 781 | 772 |
| 230 | US 169 | 3.5 MI S OF S JCT IA 92 WINTERSET | 1701 | 1726 | 1610 | 1588 | 1651 | 1686 | 1657 | 1677 | 1631 | NONE | 1669 |
| 231 | IA 148 | 9.3 MI N OF IA 92 ANITA | 756 | 782 | 761 | 755 | 763 | NONE | NONE | NONE | NONE | 818 | 853 |
| 233 | IA 110 | 1.5 MI S OF CO C65 SCHALLER | 1318 | 1260 | 1294 | 1298 | 1306 | NONE | NONE | 1331 | 1293 | 1322 | 1307 |
| 234 | IA 12 | 2.5 MI N OF CO K18 AKRON | 1465 | 1435 | 1415 | 1304 | 1277 | 1342 | NONE | 1287 | 1224 | 1248 | 1244 |
| 235 | IA 143 | 3.4 MI S OF IA 10 MARCUS | 826 | 825 | 802 | 765 | 746 | 785 | NONE | NONE | 889 | 894 | NONE |
| 236 | IA 196 | 3.0 MI S OF US 20 SAC CITY | 1037 | 1060 | 1082 | 1088 | 1131 | 1169 | NONE | 1133 | 1150 | 1186 | NONE |
| 238 | IA 149 | 2.1 MI N OF IA 78 MARTINSBURG | 1158 | 1153 | 1132 | 1071 | 1102 | 1180 | 1164 | NONE | 1196 | 1154 | 1224 |
| 240 | IA 2 | 3.0 MI E OF US 275 SIDNEY | 1857 | 1879 | 1949 | 1914 | 1772 | 1899 | NONE | 1872 | 1862 | 1948 | 1947 |
| 241 | IA 13 | 5.0 MI S OF US 20 RYAN | 4408 | 4460 | 4280 | 4034 | 4069 | 4270 | 4142 | 4184 | 4205 | 4226 | 4340 |
| 242 | US 61 | 3.8 MI N OF CO F41 ELDRIDGE | 16082 | 16108 | 16214 | 15940 | 16374 | 16748 | 16530 | 16678 | 16651 | 16718 | 17300 |
| 243 | US 30 | 0.3 MI E OF CO Z24 DEWITT | 9488 | 9124 | 9448 | 9408 | 9678 | 9841 | 9704 | NONE | NONE | NONE | NONE |
| 244 | IA 1 | 0.8 MI S OF CO F67 KALONA | 5956 | 5858 | 5624 | 5765 | 5694 | 5566 | 5493 | 5535 | 5473 | NONE | NONE |
| 245 | US 20 | 1.5 MI E OF CO V62 JESUP | 10194 | 10345 | 10571 | 10532 | 10789 | 11025 | 11052 | NONE | 9964 | 10566 | 10976 |
| 246 | IA 141 | 1.0 MI E OF WILLIS AVE PERRY | 9806 | 9676 | 9448 | 9315 | 9478 | 9556 | 9256 | 9581 | 9239 | 9332 | NONE |
| 247 | US 20 | 3.0 MI E OF E JCT IA 17 WEBSTER CITY | 7958 | 7888 | 7945 | 7858 | 7834 | NONE | NONE | NONE | 8211 | 8828 | 9134 |
| 248 | IA 21 | 2.8 MI N OF US 6 BELLE PLAINE | 1270 | 1246 | 1193 | 1120 | 1135 | 1148 | 1159 | 1163 | 1145 | 1108 | 1162 |
| 249 | US 218 | 0.5 MI N OF HILLS INTERCHANGE HILLS | 16973 | 18313 | 19527 | 18686 | 19548 | 19804 | 19698 | 19594 | 19810 | 20472 | 20683 |
| 250 | US 65 | 1.5 MI N OF IA 163 PLEASANT HILL | 25288 | 25274 | 24416 | 23942 | 24223 | 24789 | 24953 | 25083 | 25034 | 25599 | 27101 |
| 252 | US 18/63 | 0.5 MI S OF CO B54 NEW HAMPTON | 4803 | 4780 | 4831 | 4797 | 4909 | 5091 | 5099 | 5175 | 5225 | 5396 | 5624 |
| 253 | US 218 | 3.5 MI S OF CO T64 CHARLES CITY | 8316 | 8436 | 8649 | 8542 | 8643 | NONE | 9123 | 9218 | 9044 | 9074 | 9395 |
| 254 | IA 60 | 4.1 MI N OF IA 9 SIBLEY | | | | | 3296 | 3378 | NONE | NONE | 3268 | 3484 | 3725 |
| 255 | US 20 | 1.0 MI E OF US 65 IOWA FALLS | 7531 | 7926 | 8057 | 8148 | 8335 | 8548 | 8497 | 8608 | 8730 | 8859 | 9144 |
| 256 | US 18 | 3.3 MI E OF I 35 MASON CITY | 7066 | 7290 | 7507 | 7342 | 7612 | 7878 | 7911 | 8029 | 7975 | 7901 | 8242 |
| 257 | US 20 | 3.6 MI W OF W JCT US 59 HOLSTEIN | | | 2781 | 2881 | 2926 | 2954 | NONE | 3022 | NONE | NONE | 3609 |
| 258 | US 30 | 0.6 MI E OF CO V66 BLAIRSTOWN | | | 6424 | 5940 | NONE | NONE | NONE | 6553 | 6630 | 6876 | 7461 |
| 259 | US 30 | 3.5 MI E OF IA 1 LISBON | | | | 5427 | 5610 | 5753 | 5739 | 5812 | 5584 | 5598 | 5792 |
| 260 | US 71 | 0.6 MI S OF CO J64 BRADDYVILLE | | | 2182 | 2240 | 2301 | 2377 | NONE | 2404 | 2346 | NONE | NONE |
| 261 | US 169 | 2.3 MI N OF CO D14 FORT DODGE | | | 5783 | 5360 | 5389 | NONE | NONE | NONE | 5604 | 5679 | 5790 |
| 262 | US 63 | 1.6 MI S OF IA 2 BLOOMFIELD | | | 2247 | 2217 | 2288 | 2318 | 2253 | 2225 | 2218 | 2255 | 2297 |
| 263 | US 52 | 0.3 MI E OF CO X47 GARNAVILLO | | | 2395 | 2225 | 2267 | NONE | NONE | 2382 | 2400 | 2409 | 2452 |
| 264 | IA 27 | 3.0 MI S OF CO W62 ARGYLE | | | 4532 | 4764 | 5079 | 5402 | 5651 | 5797 | 5891 | NONE | NONE |
| 265 | US 61 | 1.0 MI N OF CO E17 MAQUOKETA | | | 7349 | 7053 | 7236 | 7475 | 7444 | 7537 | NONE | NONE | NONE |
| 266 | IA 2 | 0.8 MI W OF US 63 WEST GROVE | | | 1560 | 1546 | 1535 | 1596 | 1550 | 1557 | 1559 | 1619 | 1715 |
| 267 | US 34 | 3.0 MI W OF US 59 EMERSON | | | 4176 | 4168 | 4380 | 4476 | NONE | 4421 | 4225 | 4162 | 4308 |
| 268 | US 30 | 4.0 MI SW OF CO M14 DOW CITY | | | 2997 | 2977 | 3022 | NONE | NONE | 2995 | 3028 | 3064 | 3143 |
| 269 | US 30 | 3.6 MI E OF IA 144 GRAND JUNCTION | | | | 4137 | 4320 | 4359 | 4343 | 4384 | 4196 | 4272 | 4466 |
| 270 | US 71 | 3.1 MI S OF IA 3 STORM LAKE | | | | | 2441 | 2594 | NONE | 2685 | 2833 | 3010 | 3058 |
| 271 | US 18 | 4.3 MI E OF IA 4 EMMETSBURG | | | | 3111 | 3218 | 3386 | 3233 | 3347 | 3283 | 3120 | 3084 |
| 272 | US 71 | 5.2 MI S OF W JCT US 6 ATLANTIC | | | | 2112 | 2228 | NONE | NONE | 2330 | 2253 | 2294 | 2354 |
| 273 | US 34 | 3.6 MI E OF CO RD S56 RUSSELL | | | | | 2109 | 2073 | 2070 | 2116 | 2047 | 2123 | 2222 |
| 274 | IA 163 | 2.6 MI NW OF CO RD G28 PELLA | | | | 9872 | 10331 | 10795 | 10858 | 11056 | 11215 | NONE | 11927 |
| 275 | US 20 | 0.5 MI W OF CENTER AVE EPWORTH | | | | | 12096 | 12376 | 12573 | 12661 | 12652 | 12696 | 13205 |
| 276 | US 63 | 1.5 MI N OF IA 9 LIME SPRINGS | | | | | 2870 | 2961 | 2920 | 2903 | 3016 | 3096 | 3169 |
| 277 | US 34 | 1.1 MI E OF IA 16 AGENCY | | | | | 7804 | 7792 | 7883 | 8047 | 8085 | 8380 | 8562 |
| 278 | IA 141 | 0.5 MI N OF IA 44 GRIMES | | | | | 20594 | 20395 | 20906 | 21762 | 21702 | 21922 | 23410 |
| 279 | IA 13 | 1.5 MI N OF CO RD C64 DUNDEE | | | | | 2311 | 2344 | 2305 | 2349 | 2358 | 2361 | 2395 |
| 280 | IA 2 | 2.0 MI W OF I 35 LEON | | | | | | 1303 | NONE | 1262 | 1232 | 1274 | 1299 |
| 281 | US 151 | 4.4 MI S OF IA 38 MONTICELLO | | | | | | 10635 | 10625 | 10807 | 10940 | 11122 | 11609 |
| 282 | US 52 | 9.5 MI S OF IA 62 BELLEVUE | | | | | | NONE | 842 | 842 | 799 | 824 | NONE |
| 283 | US 61/218 | 0.8 MI S OF N JCT US 61/218 KEOKUK | | | | | | 7810 | 7666 | 8009 | 8004 | 8257 | 8684 |
| 284 | IA 9 | 1.0 MI W OF 6TH STREET LANSING | | | | | | 2163 | NONE | 2010 | 1939 | 1970 | 2066 |
| 285 | US 20 | 1.3 MI E OF IA 4 ROCKWELL CITY | | | | | | | NONE | 3407 | 4745 | 5444 | 5952 |

## 2015 EXPANSION FACTORS
## RURAL PRIMARY

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SEASONAL** | 1.189 | 1.149 | 1.050 | 0.980 | 0.928 | 0.910 | 0.911 | 0.917 | 0.933 | 0.948 | 1.022 | 1.071 |
| **Sunday** | 1.451 | 1.395 | 1.306 | 1.235 | 1.210 | 1.186 | 1.148 | 1.167 | 1.178 | 1.189 | 1.269 | 1.293 |
| **Monday** | 0.992 | 0.994 | 1.032 | 1.000 | 1.052 | 1.020 | 1.014 | 1.022 | 1.038 | 1.022 | 1.012 | 1.012 |
| **Tuesday** | 0.971 | 0.954 | 1.016 | 0.997 | 1.004 | 1.007 | 1.014 | 1.017 | 1.015 | 1.021 | 0.957 | 0.973 |
| **Wednesday** | 0.983 | 0.973 | 0.966 | 0.997 | 0.992 | 0.994 | 0.969 | 1.000 | 1.010 | 1.007 | 0.924 | 0.973 |
| **Thursday** | 0.949 | 0.952 | 0.920 | 0.955 | 0.965 | 0.957 | 0.947 | 0.965 | 0.963 | 0.962 | 0.985 | 0.946 |
| **Friday** | 0.816 | 0.847 | 0.831 | 0.857 | 0.844 | 0.853 | 0.883 | 0.853 | 0.840 | 0.846 | 0.876 | 0.866 |
| **Saturday** | 1.045 | 1.058 | 1.078 | 1.063 | 1.025 | 1.074 | 1.103 | 1.061 | 1.049 | 1.049 | 1.094 | 1.055 |

## ANNUAL AVERAGE DAILY TRAFFIC BY STATIONS FOR THE YEARS 2005 TO 2015

# MUNICIPAL PRIMARY

| STATION | ROUTE | LOCATION | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802 | US 71 | W OF MEMPHIS AVE SPIRIT LAKE | 12408 | 12102 | 11721 | 11530 | 11961 | 11827 | 11701 | 11723 | 11777 | 12076 | 11714 |
| 803 | IA 12 | ON VIADUCT E OF COURT ST SIOUX CITY | 25518 | 23924 | 23112 | 22228 | NONE | NONE | 22563 | NONE | 20642 | NONE | NONE |
| 804 | IA 4 | N OF 4TH AVE NW POCAHONTAS | 3052 | 3082 | 3012 | 2950 | 2868 | 2965 | 3246 | 3290 | 3091 | 3094 | 3177 |
| 805 | IA 148 | S OF 11TH ST CORNING | 3098 | 3202 | 3046 | 2852 | 2867 | 2811 | 2797 | 2802 | 2637 | 2711 | 2720 |
| 806 | US 6 | E OF SHASTA WINDSOR HEIGHTS | 22989 | 21425 | 19954 | 19072 | 19481 | NONE | NONE | 18681 | 19223 | 18151 | 18610 |
| 808 | US 71 | S OF BIRCH ST AUDUBON | 4858 | 4750 | 4701 | 4655 | 4769 | NONE | NONE | 4675 | 4601 | 4567 | 4545 |
| 809 | IA 14 | N OF WOODLAND ST MARSHALLTOWN | 6484 | 6268 | 6304 | 6164 | 6119 | 6228 | 6000 | 5836 | 5746 | 5641 | 5648 |
| 810 | IA 92 | W OF N ST INDIANOLA | 11582 | 11203 | 10858 | 10837 | 11024 | 11061 | 11036 | 11047 | 10985 | 11251 | NONE |
| 811 | IA 192 | S OF AVE N COUNCIL BLUFFS | 9474 | 9047 | 8858 | 9139 | 9057 | 8718 | NONE | 6004 | 5949 | 6208 | 9535 |
| 812 | IA 122 | W OF VIRGINIA AVE MASON CITY | 12706 | 12014 | 12035 | 11825 | 12186 | 11450 | 11754 | 11469 | 10842 | 10768 | 10542 |
| 813 | US 6 | E OF PINE ST DAVENPORT | 22078 | 21648 | 22022 | 21686 | 21312 | 21935 | 21137 | 22050 | 20189 | 19925 | NONE |
| 815 | IA 922 | BTWN WILEY BLVD & WESTDALE CDR RPDS | 9006 | 9474 | 9565 | 9551 | 10812 | 10940 | 10658 | NONE | NONE | NONE | 10989 |
| 816 | US 34 | W OF US 61 WEST BURLINGTON | 12814 | 13878 | 13666 | 13097 | 13168 | 13671 | 13076 | 13173 | 12909 | NONE | NONE |
| 819 | IA 9 | EAST OF 14TH ST OSAGE | 5536 | 5391 | 5374 | 5264 | 5237 | 5262 | NONE | 5207 | 5200 | 5244 | 5080 |
| 820 | IA 17 | N OF NW 11TH ST EAGLE GROVE | 2997 | 2867 | 2818 | 2739 | 2722 | 2832 | 2898 | 2810 | 2891 | NONE | NONE |
| 821 | IA 4 | S OF EDGEWOOD AVE E JEFFERSON | 4211 | 4166 | 4102 | 4074 | 4154 | 4138 | 3995 | NONE | 3832 | 3923 | 4093 |
| 823 | US 6 | BETWEEN SYCAMORE & 1ST AVE IOWA CITY | 21726 | 21526 | 21187 | 20946 | 20652 | 20543 | 20148 | NONE | NONE | NONE | 19998 |
| 824 | US 69 | BETWEEN 15TH AND 16TH ST AMES | 20080 | 19804 | 19440 | 17551 | 17318 | 18148 | 17567 | NONE | 17619 | 17298 | 17323 |
| 826 | US 65 | 1.5 MI NE OF I-80 BONDURANT | 12737 | 12397 | 12052 | 11761 | 12272 | 12608 | 12446 | NONE | 12817 | 12625 | NONE |
| 827 | US 61/151 | W OF MISSISSIPPI R DUBUQUE | 19238 | 19396 | 20588 | 20031 | 20744 | 21554 | 21609 | 21611 | 21381 | 21990 | 22069 |
| 828 | IA 150 | S OF 12TH ST OELWEIN | 6505 | 6654 | 6298 | 6295 | 6461 | 6550 | 6490 | 6354 | 6305 | 6196 | 6198 |
| 829 | US 59 | S OF 5TH AVE SHENANDOAH | 10054 | 10053 | 9698 | 9121 | 8694 | 8819 | SITE REMOVED JUNE 2011 | | | | |
| 830 | IA 23 | S OF IA 92 OSKALOOSA | 3204 | 3159 | 3073 | 2951 | 2871 | 2866 | 2808 | 2794 | 2742 | NONE | 2789 |
| 831 | IA 5 | W OF FLUER DRIVE DES MOINES | | | | | | NONE | 23086 | 22771 | 22572 | 23262 | NONE |

## 2015 EXPANSION FACTORS
## MUNICIPAL PRIMARY

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SEASONAL** | 1.146 | 1.101 | 1.028 | 0.964 | 0.931 | 0.922 | 0.936 | 0.940 | 0.947 | 0.957 | 1.030 | 1.062 |
| **Sunday** | 1.532 | 1.495 | 1.422 | 1.391 | 1.316 | 1.310 | 1.282 | 1.272 | 1.289 | 1.306 | 1.379 | 1.411 |
| **Monday** | 0.966 | 0.969 | 0.990 | 0.973 | 1.052 | 0.981 | 0.969 | 0.982 | 1.037 | 0.993 | 0.957 | 0.966 |
| **Tuesday** | 0.953 | 0.935 | 0.973 | 0.964 | 0.956 | 0.967 | 0.958 | 0.979 | 0.969 | 0.981 | 0.918 | 0.933 |
| **Wednesday** | 0.957 | 0.938 | 0.936 | 0.957 | 0.949 | 0.954 | 0.927 | 0.963 | 0.960 | 0.961 | 0.905 | 0.946 |
| **Thursday** | 0.936 | 0.940 | 0.916 | 0.935 | 0.949 | 0.943 | 0.944 | 0.947 | 0.936 | 0.936 | 1.004 | 0.936 |
| **Friday** | 0.821 | 0.846 | 0.849 | 0.862 | 0.855 | 0.872 | 0.903 | 0.873 | 0.851 | 0.856 | 0.880 | 0.886 |
| **Saturday** | 1.099 | 1.119 | 1.111 | 1.081 | 1.050 | 1.100 | 1.142 | 1.088 | 1.079 | 1.088 | 1.128 | 0.101 |

## ANNUAL AVERAGE DAILY TRAFFIC BY STATIONS FOR THE YEARS 2005 TO 2015

# SECONDARY

**PAVED**

| STATION | ROUTE | LOCATION | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | CO P14 | 2.7 MI N OF CO E33 CHURDAN | 296 | 303 | 250 | 237 | 247 | 239 | 234 | 268 | 237 | 241 | 238 |
| 301 | CO S14 | 0.8 MI S OF CO E29 NEVADA | 979 | 1008 | 989 | 975 | 973 | 958 | 988 | 988 | 965 | 967 | 969 |
| 302 | CO M55 | 0.2 MI N OF IA 141 MANILLA | 824 | 830 | 783 | 739 | 736 | 739 | 777 | 798 | 787 | 793 | 804 |
| 303 | CO K45 | 2.25 MI S OF IA 175 ONAWA | 1025 | 1029 | 1059 | 1106 | 1152 | NONE | NONE | NONE | 1162 | 1155 | NONE |
| 304 | CO V45 | 3.5 MI N OF IA 92 SIGOURNEY | 640 | 645 | 634 | 617 | 636 | 665 | 652 | NONE | 646 | 631 | 636 |
| 306 | CO E53 | 1.75 MI E OF IA 25 SCRANTON | 579 | 570 | 515 | 520 | 544 | NONE | NONE | 524 | 497 | 507 | 530 |
| 307 | CO R38 | 2.2 MI N OF CO C54 CLARION | 1292 | 1361 | 1293 | 1255 | 1240 | 1278 | NONE | 1339 | 1379 | NONE | NONE |
| 308 | CO N32 | 1.6 MI N OF IA 9 ESTHERVILLE | 361 | 370 | 341 | 330 | 357 | NONE | 344 | NONE | 323 | NONE | 340 |
| 309 | CO K52 | 1.5 MI S OF US 18 HULL | 974 | 1017 | 987 | 1001 | 1063 | NONE | 1149 | 1178 | 1228 | 1249 | NONE |
| 310 | CO Y52 | 1.5 MI S OF US 30 GRAND MOUND | 529 | 534 | 504 | 479 | 501 | NONE | 502 | 498 | NONE | NONE | NONE |
| 311 | CO W12 | 3.5 MI S OF US 30 WATKINS | 835 | 852 | 853 | 804 | 825 | NONE | 804 | 799 | 773 | 744 | 756 |
| 312 | CO E26 | 2.7 MI W OF CO RD R38 BOONE | 1336 | 1370 | 1327 | 1213 | 1269 | 1395 | NONE | 1525 | NONE | 1481 | 1525 |
| 313 | CO D42 | 0.2 MI E OF IA 13 MANCHESTER | 715 | 719 | 698 | 679 | 691 | 702 | 630 | 612 | 623 | 679 | 699 |
| 314 | CO 105 | 1.3 MI E OF CO S56 NORTHWOOD | 675 | 766 | 771 | 775 | 778 | 800 | 767 | 744 | 737 | 731 | 772 |
| 315 | CO RD | 5.5 MI E OF US 63 DRAKESVILLE | 722 | 733 | 720 | 656 | 676 | 675 | 665 | 682 | 666 | 665 | 679 |
| 316 | CO D36 | 2.8 MI E OF CO N57 ROCKWELL CITY | 3099 | 3138 | 3111 | 3087 | 3155 | 3292 | 1201 | 1157 | 1014 | 974 | 949 |

Note: Station 316 was previously station 211.
Co Rd D36 was US 20 until Dec. 2010 when the US 20 4-lane was extended from Moorland to IA 4.

**GRAVEL**

| STATION | ROUTE | LOCATION | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 400 | CO B30 | 0.5 MI E OF CO L48 PRIMGHAR | 26 | 29 | 27 | 21 | 23 | 21 | 23 | 18 | 22 | 22 | 22 |
| 401 | LOC RD | 1.75 MI N OF CO E36 CLUTIER | 32 | 33 | 35 | 31 | 30 | 36 | 36 | 39 | 34 | 35 | NONE |
| 402 | LOC RD | 0.75 MI E OF CO V18 CLUTIER | 42 | 50 | 50 | 41 | 47 | 51 | 55 | 54 | 47 | 48 | 46 |
| 403 | CO H47 | 5.0 MI SE OF US 34 ALBIA | 109 | 111 | 102 | 88 | 98 | 89 | 92 | 104 | 100 | NONE | 100 |
| 405 | LOC RD | 2.5 MI N OF US 18 NEW HAMPTON | 47 | 55 | 55 | 46 | 48 | 46 | 48 | 51 | 49 | 57 | NONE |
| 406 | LOC RD | 2.0 MI E OF US 169 LORIMOR | 71 | 67 | 70 | 57 | 63 | 62 | 57 | NONE | 70 | 68 | 69 |
| 407 | CO H23 | 2.0 MI E OF US 169 LORIMOR | 81 | 77 | 76 | 68 | 70 | 75 | 66 | 76 | 77 | 75 | 72 |

## 2015 EXPANSION FACTORS
## SECONDARY

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SEASONAL** | 1.247 | 1.239 | 1.097 | 0.980 | 0.908 | 0.918 | 0.916 | 0.970 | 0.944 | 0.876 | 1.010 | 1.119 |
| **Sunday** | 1.472 | 1.435 | 1.349 | 1.354 | 1.311 | 1.341 | 1.316 | 1.321 | 1.293 | 1.318 | 1.346 | 1.367 |
| **Monday** | 0.962 | 0.970 | 0.987 | 0.998 | 1.039 | 0.978 | 0.961 | 0.964 | 1.005 | 0.973 | 0.972 | 0.993 |
| **Tuesday** | 0.972 | 0.927 | 0.999 | 0.956 | 0.961 | 0.938 | 0.952 | 0.944 | 0.939 | 0.950 | 0.934 | 0.952 |
| **Wednesday** | 0.977 | 0.945 | 0.955 | 0.978 | 0.932 | 0.916 | 0.918 | 0.950 | 0.944 | 0.984 | 0.928 | 0.972 |
| **Thursday** | 0.955 | 0.950 | 0.929 | 0.962 | 0.978 | 0.943 | 0.921 | 0.937 | 0.946 | 0.959 | 0.997 | 0.932 |
| **Friday** | 0.833 | 0.871 | 0.866 | 0.884 | 0.879 | 0.907 | 0.933 | 0.910 | 0.903 | 0.902 | 0.900 | 0.889 |
| **Saturday** | 1.071 | 1.098 | 1.078 | 1.016 | 1.033 | 1.147 | 1.147 | 1.117 | 1.100 | 1.048 | 1.067 | 1.050 |

## ANNUAL AVERAGE DAILY TRAFFIC BY STATIONS FOR THE YEARS 2005 TO 2015

# MUNICIPAL STREETS

| STATION | ROUTE | LOCATION | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 900 | LAKE ST | N OF 3RD ST in STORM LAKE | 2911 | 2818 | 2872 | 2756 | 2848 | 2811 | NONE | 2610 | 2587 | 2556 | 2616 |
| 901 | 2ND AVE N | E OF 15TH ST in FORT DODGE | 6780 | 6695 | 6760 | 6775 | 6665 | 6728 | 6620 | 6444 | 6024 | NONE | NONE |
| 902 | LOCUST ST | E OF SPRING ST in DAVENPORT | 22369 | 21934 | 21750 | 21300 | 20726 | 20521 | NONE | NONE | 20336 | 19630 | 20177 |
| 903 | JEFFERSON | NE OF E 5TH ST in OTTUMWA | 6549 | 6627 | 6456 | 6272 | 6006 | 5694 | NONE | 5699 | 5628 | NONE | 5329 |
| 904 | JOHNSON | W OF JANICE DR in CEDAR RAPIDS | 10360 | 10086 | 9947 | 10000 | 9818 | 9613 | 9391 | 9258 | 9057 | 8931 | NONE |
| 905 | N'WESTERN | N OF 20TH ST in AMES | 2460 | 2348 | 2304 | 2202 | 2264 | NONE | 2193 | NONE | 2211 | 2178 | NONE |
| 906 | DUBUQUE | S OF DAVENPORT ST in IOWA CITY | 15177 | 15448 | 15230 | 14688 | 14411 | 14245 | 13859 | 13518 | NONE | 12861 | 13339 |
| 907 | COLLEGE | S OF 23RD ST in CEDAR FALLS | 7947 | 7862 | 7444 | NONE | NONE | NONE | 7974 | NONE | NONE | 7410 | 7323 |
| 908 | LIND'WOOD | S OF 35TH ST in SIOUX CITY | 1056 | 1026 | 1008 | 969 | 977 | 954 | 976 | 960 | NONE | NONE | NONE |
| 909 | HAMILTON | N OF CLIFTON AVE in SIOUX CITY | 14529 | 14547 | 14314 | 13854 | 14159 | 14586 | 14388 | 14584 | NONE | 13719 | 14701 |
| 910 | GRANDVIEW | SE OF PLYMOUTH CT in DUBUQUE | 9094 | 8836 | 8779 | 8596 | 8871 | 8946 | 8917 | 8833 | 8411 | 7983 | 8465 |
| 911 | HUMBOLDT | S OF 4TH ST in BODE | 796 | 796 | 786 | 776 | 770 | 767 | 739 | NONE | 684 | 695 | 665 |
| 912 | ELM ST | N OF LUCAS ST in CRESTON | 4126 | 3938 | 3710 | 3798 | 3807 | 3782 | 3802 | 3735 | 3550 | NONE | 3364 |
| * * 913 | WASHINGTON | E OF HARRISON ST in MOUNT PLEASANT | 12834 | 11283 | 10632 | 10540 | 10161 | SITE REMOVED SEPTEMBER 2010 | | | | | |

Note: Station 913 was previously station 801.
Washington Street was US 34 until Nov. 2005 when the US 34 bypass opened.

## 2015 EXPANSION FACTORS
## MUNICIPAL STREETS

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SEASONAL** | 1.143 | 1.080 | 1.042 | 0.963 | 0.945 | 0.980 | 0.961 | 0.961 | 0.958 | 0.944 | 1.038 | 1.066 |
| **Sunday** | 1.430 | 1.404 | 1.367 | 1.348 | 1.327 | 1.330 | 1.353 | 1.288 | 1.240 | 1.322 | 1.330 | 1.358 |
| **Monday** | 0.977 | 0.976 | 0.976 | 0.974 | 1.057 | 0.969 | 0.972 | 0.973 | 1.050 | 0.980 | 0.957 | 0.965 |
| **Tuesday** | 0.943 | 0.931 | 0.965 | 0.955 | 0.949 | 0.953 | 0.951 | 0.960 | 0.957 | 0.970 | 0.907 | 0.933 |
| **Wednesday** | 0.951 | 0.928 | 0.929 | 0.946 | 0.938 | 0.960 | 0.935 | 0.955 | 0.939 | 0.944 | 0.901 | 0.946 |
| **Thursday** | 0.934 | 0.936 | 0.921 | 0.939 | 0.928 | 0.938 | 0.935 | 0.939 | 0.926 | 0.934 | 1.011 | 0.936 |
| **Friday** | 0.846 | 0.874 | 0.871 | 0.881 | 0.866 | 0.884 | 0.896 | 0.891 | 0.874 | 0.878 | 0.911 | 0.901 |
| **Saturday** | 1.122 | 1.141 | 1.140 | 1.103 | 1.076 | 1.106 | 1.119 | 1.120 | 1.122 | 1.106 | 1.133 | 1.110 |

## ANNUAL AVERAGE DAILY TRAFFIC BY STATIONS FOR THE YEARS 2005 TO 2015

# RECREATIONAL

**PRIMARY**

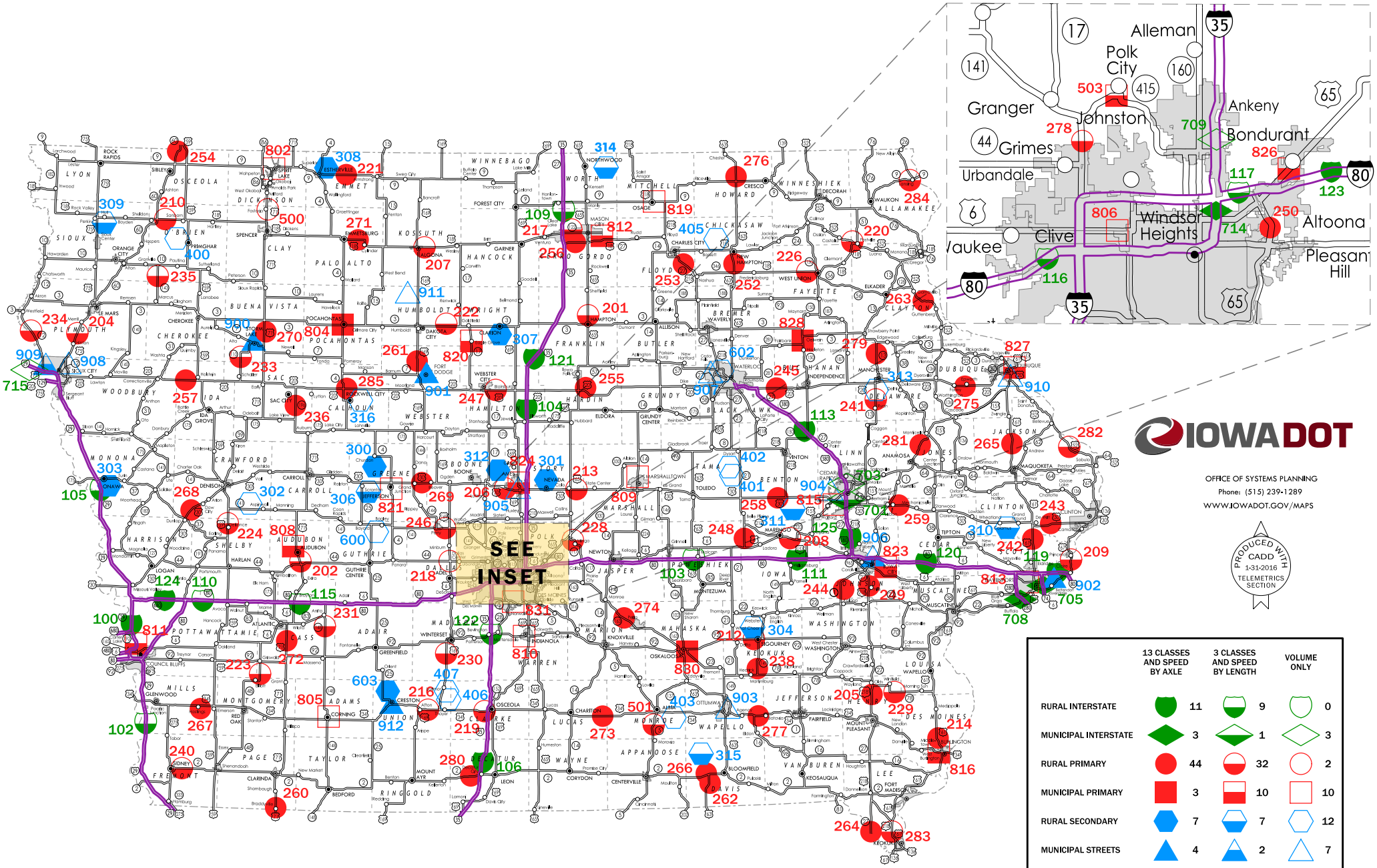
| STATION | ROUTE | LOCATION | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 500 | US 71 | 0.1 MI S OF CO RD B14 FOSTORIA | 8263 | 8343 | 8346 | 7877 | 8067 | 8213 | 8250 | NONE | NONE | 8284 | 8724 |
| 501 | IA 5 | 3.8 MI S OF US 34 MORAVIA | 3644 | 3765 | 3745 | 3692 | 3922 | 3910 | 3801 | 3772 | 3711 | 3582 | 4041 |
| 503 | IA 415 | 0.5 MI W OF NW POLK CITY RD POLK CITY | 5789 | 5870 | 5162 | 5293 | 6076 | NONE | 6130 | 6445 | 6697 | NONE | 7530 |

**SECONDARY**

| STATION | ROUTE | LOCATION | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 600 | CO F25 | 0.1 MI W OF CO P18 SPRINGBROOK | 204 | 209 | 226 | 205 | 216 | 207 | 199 | 188 | 181 | 176 | 178 |
| 602 | ENTRANCE | GEORGE WYTH S. P. WATERLOO | 822 | 777 | 799 | 643 | 731 | 766 | 759 | 850 | NONE | 748 | 748 |
| 603 | ENTRANCE | 3.3 MI N OF IA 25 GREEN VALLEY S. P. | 339 | 352 | 339 | 273 | 175 | NONE | NONE | 262 | 283 | 279 | NONE |

## 2015 EXPANSION FACTORS
## RECREATIONAL

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SEASONAL** | 1.766 | 1.836 | 1.382 | 0.960 | 0.747 | 0.738 | 0.663 | 0.770 | 0.856 | 1.039 | 1.489 | 1.745 |
| **Sunday** | 1.142 | 1.126 | 1.077 | 0.931 | 0.936 | 0.960 | 0.917 | 0.896 | 0.941 | 1.017 | 1.149 | 1.188 |
| **Monday** | 1.088 | 1.061 | 1.111 | 1.166 | 1.065 | 1.168 | 1.290 | 1.243 | 1.081 | 1.113 | 1.043 | 1.037 |
| **Tuesday** | 1.094 | 1.003 | 1.098 | 1.220 | 1.207 | 1.159 | 1.243 | 1.229 | 1.271 | 1.116 | 0.984 | 1.025 |
| **Wednesday** | 1.065 | 1.025 | 1.050 | 1.257 | 1.156 | 1.105 | 1.125 | 1.178 | 1.212 | 1.065 | 0.963 | 1.002 |
| **Thursday** | 1.068 | 1.095 | 0.986 | 1.141 | 1.194 | 1.088 | 0.998 | 1.110 | 1.165 | 1.031 | 1.068 | 0.951 |
| **Friday** | 0.904 | 0.947 | 0.890 | 0.914 | 0.916 | 0.857 | 0.884 | 0.901 | 0.927 | 0.937 | 0.938 | 0.943 |
| **Saturday** | 0.847 | 0.913 | 0.928 | 0.762 | 0.804 | 0.862 | 0.837 | 0.795 | 0.808 | 0.882 | 0.963 | 0.952 |

# AUTOMATIC TRAFFIC RECORDER LOCATIONS

## JANUARY 1, 2016