Nu-Metrics Traffic Analyzer Study
Computer Generated Summary Report
City: O'Fallon
Street: Mexico Rd

A study of vehicle traffic was conducted with HI-STAR unit number 7304. The study was done in the EB outside lane at Mexico Rd in O'Fallon, MO in St. Charles county. The study began on Jan/21/2015 at 12:00:00 PM and concluded on Jan/26/2015 at 12:00:00 PM, lasting a total of 120.00 hours. Traffic statistics were recorded in 60 minute time periods. The total recorded volume showed 15820 vehicles passed through the location with a peak volume of 310 on Jan/24/2015 at [13:00-14:00] and a minimum volume of 0 on Jan/26/2015 at [11:00-12:00]. The AADT count for this study was 3,164.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 40 - > MPH range or lower. The average speed for all classifed vehicles was 36 MPH with 0.00% vehicles exceeding the posted speed of 40 MPH. The HI-STAR found 0.00 percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 40MPH and the 85th percentile was greater than 40.00 MPH.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to >											
4	15	20	152	1618	3637	4354	5954											

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin.
Most of the vehicles classified during the study were Vans & Pickups. The number of Passenger Vehicles in the study was 0 which represents 0 percent of the total classified vehicles. The number of Vans & Pickups in the study was 14277 which represents 91 percent of the total classified vehicles. The number of Busses & Trucks in the study was 1312 which represents 8 percent of the total classified vehicles. The number of Tractor Tailers in the study was 165 which represents 0 percent of the total classified vehicles.

< to 19	20 to 29	30 to 39	40 to 49	50 to >														
14277	1312	128	29	8														

CHART 2

HEADWAY

During the peak traffic period, on Jan/24/2015 at [13:00-14:00] the average headway between vehicles was 11.576 seconds. During the slowest traffic period, on Jan/26/2015 at [11:00-12:00] the average headway between vehicles was 3600 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 31.00 and 64.00 degrees F.

Nu-Metrics Traffic Analyzer Study
Computer Generated Summary Report
City: O'Fallon
Street: Mexico Rd

A study of vehicle traffic was conducted with HI-STAR unit number 2995. The study was done in the EB inside lane at Mexico Rd in O'Fallon, MO in St. Charles county. The study began on Jan/21/2015 at 12:00:00 PM and concluded on Jan/26/2015 at 01:00:00 AM, lasting a total of 109.00 hours. Traffic statistics were recorded in 60 minute time periods. The total recorded volume showed 17061 vehicles passed through the location with a peak volume of 382 on Jan/23/2015 at [16:00-17:00] and a minimum volume of 2 on Jan/26/2015 at [00:00-01:00]. The AADT count for this study was 3,757.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 40 - > MPH range or lower. The average speed for all classifed vehicles was 37 MPH with 0.00% vehicles exceeding the posted speed of 40 MPH. The HI-STAR found 0.00 percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 40MPH and the 85th percentile was greater than 40.00 MPH.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to >											
7	18	44	155	922	2917	4343	8535											

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin.
Most of the vehicles classified during the study were Vans & Pickups. The number of Passenger Vehicles in the study was 0 which represents 0 percent of the total classified vehicles. The number of Vans & Pickups in the study was 16036 which represents 95 percent of the total classified vehicles. The number of Busses & Trucks in the study was 752 which represents 4 percent of the total classified vehicles. The number of Tractor Tailers in the study was 153 which represents 0 percent of the total classified vehicles.

< to 19	20 to 29	30 to 39	40 to 49	50 to >														
16036	752	88	35	30														

CHART 2

HEADWAY

During the peak traffic period, on Jan/23/2015 at [16:00-17:00] the average headway between vehicles was 9.399 seconds. During the slowest traffic period, on Jan/26/2015 at [00:00-01:00] the average headway between vehicles was 1200 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 29.00 and 56.00 degrees F.

Nu-Metrics Traffic Analyzer Study
Computer Generated Summary Report
City: O'Fallon
Street: Mexico Rd

A study of vehicle traffic was conducted with HI-STAR unit number 7565. The study was done in the WB outside lane at Mexico Rd in O'Fallon, MO in St. Charles county. The study began on Jan/21/2015 at 12:00:00 PM and concluded on Jan/26/2015 at 12:00:00 PM, lasting a total of 120.00 hours. Traffic statistics were recorded in 60 minute time periods. The total recorded volume showed 15402 vehicles passed through the location with a peak volume of 359 on Jan/23/2015 at [17:00-18:00] and a minimum volume of 0 on Jan/26/2015 at [11:00-12:00]. The AADT count for this study was 3,080.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 40 - > MPH range or lower. The average speed for all classifed vehicles was 38 MPH with 0.00% vehicles exceeding the posted speed of 40 MPH. The HI-STAR found 0.00 percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 40MPH and the 85th percentile was greater than 40.00 MPH.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to >											
2	11	34	73	247	1086	3945	9925											

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin.
Most of the vehicles classified during the study were Vans & Pickups. The number of Passenger Vehicles in the study was 0 which represents 0 percent of the total classified vehicles. The number of Vans & Pickups in the study was 13212 which represents 86 percent of the total classified vehicles. The number of Busses & Trucks in the study was 1933 which represents 13 percent of the total classified vehicles. The number of Tractor Tailers in the study was 178 which represents 0 percent of the total classified vehicles.

< to 19	20 to 29	30 to 39	40 to 49	50 to >														
13212	1933	50	73	55														

CHART 2

HEADWAY

During the peak traffic period, on Jan/23/2015 at [17:00-18:00] the average headway between vehicles was 10 seconds. During the slowest traffic period, on Jan/26/2015 at [11:00-12:00] the average headway between vehicles was 3600 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 31.00 and 66.00 degrees F.

Nu-Metrics Traffic Analyzer Study
Computer Generated Summary Report
City: O'Fallon
Street: Mexico Rd

A study of vehicle traffic was conducted with HI-STAR unit number 0217. The study was done in the WB inside lane at Mexico Rd in O'Fallon, MO in St. Charles county. The study began on Jan/21/2015 at 12:00:00 PM and concluded on Jan/26/2015 at 12:00:00 PM, lasting a total of 120.00 hours. Traffic statistics were recorded in 60 minute time periods. The total recorded volume showed 22937 vehicles passed through the location with a peak volume of 533 on Jan/23/2015 at [17:00-18:00] and a minimum volume of 0 on Jan/26/2015 at [11:00-12:00]. The AADT count for this study was 4,587.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 30 - 35 MPH range or lower. The average speed for all classifed vehicles was 34 MPH with 0.00% vehicles exceeding the posted speed of 40 MPH. The HI-STAR found 0.00 percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 30MPH and the 85th percentile was 39.87 MPH.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to >											
8	67	209	645	2676	8061	7821	3198											

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin.
Most of the vehicles classified during the study were Vans & Pickups. The number of Passenger Vehicles in the study was 0 which represents 0 percent of the total classified vehicles. The number of Vans & Pickups in the study was 20896 which represents 92 percent of the total classified vehicles. The number of Busses & Trucks in the study was 1476 which represents 7 percent of the total classified vehicles. The number of Tractor Tailers in the study was 313 which represents 0 percent of the total classified vehicles.

< to 19	20 to 29	30 to 39	40 to 49	50 to >														
20896	1476	178	74	61														

CHART 2

HEADWAY

During the peak traffic period, on Jan/23/2015 at [17:00-18:00] the average headway between vehicles was 6.742 seconds. During the slowest traffic period, on Jan/26/2015 at [11:00-12:00] the average headway between vehicles was 3600 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 31.00 and 68.00 degrees F.