

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

A study of vehicle traffic was conducted with HI-STAR unit number 0216. The study was done in the SB outside lane at Bryan Rd in O'Fallon, MO in St. Charles county. The study began on Jan/21/2015 at 11:00:00 AM and concluded on Jan/26/2015 at 11:00:00 AM, lasting a total of 120.00 hours. Traffic statistics were recorded in 60 minute time periods. The total recorded volume showed 33046 vehicles passed through the location with a peak volume of 737 on Jan/21/2015 at [16:00-17:00] and a minimum volume of 7 on Jan/26/2015 at [03:00-04:00]. The AADT count for this study was **6,609**.

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 classified 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 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	75	349	1853	5181	7948	8497	8854											

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 28243 which represents 86 percent of the total classified vehicles. The number of Busses & Trucks in the study was 3867 which represents 12 percent of the total classified vehicles. The number of Tractor Trailers in the study was 649 which represents 0 percent of the total classified vehicles.

< to 19	20 to 29	30 to 39	40 to 49	50 to >														
28243	3867	431	121	97														

CHART 2

HEADWAY

During the peak traffic period, on Jan/21/2015 at [16:00-17:00] the average headway between vehicles was 4.878 seconds. During the slowest traffic period, on Jan/26/2015 at [03:00-04:00] the average headway between vehicles was 450 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: Bryan Rd**

A study of vehicle traffic was conducted with HI-STAR unit number 3826. The study was done in the SB inside lane at Bryan Rd in O'Fallon, MO in St. Charles county. The study began on Jan/21/2015 at 11:00:00 AM and concluded on Jan/26/2015 at 11:00:00 AM, lasting a total of 120.00 hours. Traffic statistics were recorded in 60 minute time periods. The total recorded volume showed 32479 vehicles passed through the location with a peak volume of 722 on Jan/23/2015 at [16:00-17:00] and a minimum volume of 9 on Jan/23/2015 at [03:00-04:00]. The AADT count for this study was 6,496.

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 classified 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 >											
4	33	42	161	1075	5527	8748	16721											

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 25904 which represents 80 percent of the total classified vehicles. The number of Busses & Trucks in the study was 5858 which represents 18 percent of the total classified vehicles. The number of Tractor Trailers in the study was 549 which represents 0 percent of the total classified vehicles.

< to 19	20 to 29	30 to 39	40 to 49	50 to >														
25904	5858	387	101	61														

CHART 2

HEADWAY

During the peak traffic period, on Jan/23/2015 at [16:00-17:00] the average headway between vehicles was 4.979 seconds. During the slowest traffic period, on Jan/23/2015 at [03:00-04:00] the average headway between vehicles was 360 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: Bryan Rd**

A study of vehicle traffic was conducted with HI-STAR unit number 3828. The study was done in the NB outside lane at Bryan Rd in O'Fallon, MO in St. Charles county. The study began on Jan/21/2015 at 11:00:00 AM and concluded on Jan/26/2015 at 11:00:00 AM, lasting a total of 120.00 hours. Traffic statistics were recorded in 60 minute time periods. The total recorded volume showed 27425 vehicles passed through the location with a peak volume of 539 on Jan/21/2015 at [17:00-18:00] and a minimum volume of 13 on Jan/23/2015 at [01:00-02:00]. The AADT count for this study was 5,485.

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 35 - 40 MPH range or lower. The average speed for all classified vehicles was 32 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 35MPH and the 85th percentile was 39.31 MPH.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to >											
37	273	1118	2203	4379	8094	8155	2961											

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 24982 which represents 92 percent of the total classified vehicles. The number of Busses & Trucks in the study was 1906 which represents 7 percent of the total classified vehicles. The number of Tractor Trailers in the study was 332 which represents 0 percent of the total classified vehicles.

< to 19	20 to 29	30 to 39	40 to 49	50 to >														
24982	1906	231	58	43														

CHART 2

HEADWAY

During the peak traffic period, on Jan/21/2015 at [17:00-18:00] the average headway between vehicles was 6.667 seconds. During the slowest traffic period, on Jan/23/2015 at [01:00-02:00] the average headway between vehicles was 257.143 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 31.00 and 62.00 degrees F.

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

A study of vehicle traffic was conducted with HI-STAR unit number 0215. The study was done in the NB inside lane at Bryan Rd in O'Fallon, MO in St. Charles county. The study began on Jan/21/2015 at 11:00:00 AM and concluded on Jan/26/2015 at 11:00:00 AM, lasting a total of 120.00 hours. Traffic statistics were recorded in 60 minute time periods. The total recorded volume showed 27272 vehicles passed through the location with a peak volume of 644 on Jan/21/2015 at [17:00-18:00] and a minimum volume of 5 on Jan/26/2015 at [01:00-02:00]. The AADT count for this study was 5,454.

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 classified vehicles was 35 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 >											
87	294	760	1906	2787	3437	6927	10941											

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 22457 which represents 83 percent of the total classified vehicles. The number of Busses & Trucks in the study was 4322 which represents 16 percent of the total classified vehicles. The number of Tractor Trailers in the study was 360 which represents 0 percent of the total classified vehicles.

< to 19	20 to 29	30 to 39	40 to 49	50 to >														
22457	4322	251	68	41														

CHART 2

HEADWAY

During the peak traffic period, on Jan/21/2015 at [17:00-18:00] the average headway between vehicles was 5.581 seconds. During the slowest traffic period, on Jan/26/2015 at [01:00-02:00] the average headway between vehicles was 600 seconds.

WEATHER

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