

TRAFFIC STUDY SUMMARY

Elm St southbound North of Park Ave E

A traffic study was conducted in the Southbound lane at Elm St in London, OH in Madison County. The study began on 04/06/2017 at 12:00 AM and concluded on 04/13/2017 at 12:00 AM, lasting a total of 168.00 hours. Traffic statistics were recorded in 30 minute time periods. The total recorded volume showed 14,344 vehicles passed through the location with a peak volume of 184 on 04/06/2017 at [03:00 PM-03:30 PM] and a minimum volume of 0 on 04/10/2017 at [03:30 AM-04:00 AM]. The average annual daily count for this study was 2,049.

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 classified vehicles was 33 MPH with 40.26% vehicles exceeding the posted speed of 35 MPH. 0.45% 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 39.18 MPH.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 69	70 to 79	80 to 89	90 to >
411	49	111	473	2183	5314	4283	1147	204	58	16	21	9	6	12

CHART 1

CLASSIFICATION

Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 9805 which represents 69 percent of the total classified vehicles. The number of Pickups/Van in the study was 3484 which represents 24 percent of the total classified vehicles. The number of Small Trucks/Buses in the study was 837 which represents 6 percent of the total classified vehicles. The number of Tractor Trailers in the study was 139 which represents 1 percent of the total classified vehicles.

HEADWAY

During the peak traffic period, on 04/06/2017 at [03:00 PM-03:30 PM] the average headway between vehicles was 9.73 seconds. During the slowest traffic period, on 04/10/2017 at [03:30 AM-04:00 AM] the average headway between vehicles was 1800 seconds.