

**Traffic Survey  
E High St west of Sharp Ave Eastbound**

The study was done in the Eastbound lane at E High St near Sharp Ave. The study began on 03/20/2017 at 08:00 AM and concluded on 03/27/2017 at 08:00 AM, lasting a total of 168.00 hours. Traffic statistics were recorded in 30 minute time periods. The total recorded volume showed 21,760 vehicles passed through the location with a peak volume of 335 on 03/23/2017 at [06:30 AM-07:00 AM] and a minimum volume of 1 on 03/26/2017 at [04:30 AM-05:00 AM]. The average annual daily count for this study was 3,109.

**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 - 45 MPH range or lower. The average speed for all classified vehicles was 40 MPH with 83.55% vehicles exceeding the posted speed of 35 MPH. 1.56% 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 45.42 MPH.

<	10	15	20	25	30	35	40	45	50	55	60	70	80	90
to	to	to	to	to	to	to	to	to	to	to	to	to	to	to
9	14	19	24	29	34	39	44	49	54	59	69	79	89	>
486	49	23	117	621	2266	7043	7433	2632	652	142	107	42	20	26

**CHART 1**

**CLASSIFICATION**

The number of Passenger Vehicles in the study was 8716 which represents 41 percent of the total classified vehicles. The number of Vans & Pickups in the study was 9796 which represents 46 percent of the total classified vehicles. The number of Busses & Trucks in the study was 2153 which represents 10 percent of the total classified vehicles. The number of Tractor Trailers in the study was 817 which represents 4 percent of the total classified vehicles.

During the peak traffic period, on 03/23/2017 at [06:30 AM-07:00 AM] the average headway between vehicles was 5.357 seconds. During the slowest traffic period, on 03/26/2017 at [04:30 AM-05:00 AM] the average headway between vehicles was 900 seconds.