

**Traffic Study  
E High St west of Sharp Ave Westbound  
3-20-17 to 3-27-17**

The study was done in the Westbound lane at E High St near Sharp Ave and 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 19,394 vehicles passed through the location with a peak volume of 286 on 03/23/2017 at [03:30 PM-04:00 PM] and a minimum volume of 1 on 03/26/2017 at [04:00 AM-04:30 AM]. The AADT count for this study was 2,771.

**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 87.52% vehicles exceeding the posted speed of 35 MPH. 1.55% 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 45.72 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	>
454	54	50	83	266	1504	6663	6867	2442	642	126	91	35	27	21

**CHART 1**

**CLASSIFICATION**

Most of the vehicles classified during the study were Vans & Pickups. The number of Passenger Vehicles in the study was 7363 which represents 38 percent of the total classified vehicles. The number of Vans & Pickups in the study was 9987 which represents 52 percent of the total classified vehicles. The number of Busses & Trucks in the study was 1296 which represents 7 percent of the total classified vehicles. The number of Tractor Trailers in the study was 523 which represents 3 percent of the total classified vehicles.