

MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Broken Arrow
Street: S. Maple Ave.
Location: 7408 S. Maple Ave

A study of vehicle traffic was conducted with the device having serial number 404873. The study was done in the NB lane at S. Maple Ave. in Broken Arrow, OK in Tulsa county. The study began on 03/31/2025 at 10:00 AM and concluded on 04/01/2025 at 10:00 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 53 vehicles passed through the location with a peak volume of 4 on 03/31/2025 at [06:00 PM-06:15 PM] and a minimum volume of 0 on 03/31/2025 at [12:00 PM-12:15 PM]. The AADT count for this study was 53.

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 25 - 30 MPH range or lower. The average speed for all classified vehicles was 23 MPH with 44.19% vehicles exceeding the posted speed of 25 MPH. 0.00% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 25MPH and the 85th percentile was 31.67 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 64	65 to 69	70 to 74	75 to >
3	7	8	6	10	6	0	1	2	0	0	0	0	0	0

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 Passenger Vehicles. The number of Passenger Vehicles in the study was 33 which represents 77 percent of the total classified vehicles. The number of Vans & Pickups in the study was 5 which represents 12 percent of the total classified vehicles. The number of Busses & Trucks in the study was 5 which represents 12 percent of the total classified vehicles. The number of Tractor Trailers in the study was 0 which represents 0 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to >											
18	11	4	10											

CHART 2

HEADWAY

During the peak traffic period, on 03/31/2025 at [06:00 PM-06:15 PM] the average headway between vehicles was 180 seconds. During the slowest traffic period, on 03/31/2025 at [12:00 PM-12:15 PM] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 54.00 and 99.00 degrees F.