

MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Broken Arrow
Street: S Oak Ave SB
Location: W El Paso and S Oak Ave

A study of vehicle traffic was conducted with the device having serial number 407089. The study was done in the SB lane at S Oak Ave SB in Broken Arrow, Ok in Tulsa county. The study began on 07/08/2026 at 01:00 PM and concluded on 07/09/2026 at 01:00 PM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 93 vehicles passed through the location with a peak volume of 8 on 07/09/2026 at [12:30 PM-12:45 PM] and a minimum volume of 0 on 07/08/2026 at [02:45 PM-03:00 PM]. The AADT count for this study was 93.

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 20 - 25 MPH range or lower. The average speed for all classified vehicles was 22 MPH with 24.71% 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 20MPH and the 85th percentile was 27.35 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 >
1	4	22	37	17	0	2	2	0	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 81 which represents 95 percent of the total classified vehicles. The number of Vans & Pickups in the study was 3 which represents 4 percent of the total classified vehicles. The number of Busses & Trucks in the study was 1 which represents 1 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 27	28 to 31	32 to 37	38 to 43	44 to >							
65	13	3	1	0	2	1	0							

CHART 2

HEADWAY

During the peak traffic period, on 07/09/2026 at [12:30 PM-12:45 PM] the average headway between vehicles was 100 seconds. During the slowest traffic period, on 07/08/2026 at [02:45 PM-03:00 PM] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 86.00 and 144.00 degrees F.