



MEMORANDUM

TO: CRAMERTON BOARD OF COMMISSIONERS
FROM: GREG RATCHFORD, CHIEF OF POLICE
SUBJECT: SPEED STUDY – ARMSTRONG DRIVE
DATE: 4/17/2017
MAN: M170417-1

Per request of a local citizen, a speed study was conducted on Armstrong Drive, within the Lakewood Community. This study was conducted utilizing an electronic, furtive, speed measurement unit that was installed in a stationary position along the roadway. The unit was installed facing Lakewood Road. The speeds of vehicles traveling both directions upon the roadway were measured. The speed of Armstrong Drive is set by local Ordinance at 20 m.p.h. and is posted along the roadway.

The speed study was conducted in two 24 intervals. These two intervals include both a weekday and weekend day sample of the traffic on the roadway.

During the March weekday study, the speeds of 1,262 vehicles were evaluated. The average speed of the vehicles was 20 m.p.h. The highest recorded speed was 43 m.p.h., which occurred at approximately 2:00 p.m. Of the vehicles evaluated during the study, 930 vehicles were traveling above the posted speed limit. 85% of those vehicles above the posted speed limit were traveling between 21 m.p.h. and 28 m.p.h.

During the March weekend day study, the speeds of 1360 vehicles were evaluated. The average speed of the vehicles was 25 m.p.h. The highest recorded speed was 47 m.p.h., which occurred at approximately 4:00 p.m. Of the vehicles evaluated during the study, 1166 vehicles were traveling above the posted speed limit. 85% of those vehicles above the posted speed limit were traveling between 21 m.p.h. and 31 m.p.h.