



MEMORANDUM

TO: CRAMERTON BOARD OF COMMISSIONERS
FROM: GREG RATCHFORD, CHIEF OF POLICE
SUBJECT: SPEED STUDY – CENTER STREET
DATE: 4/20/2017
MAN: M170420-1

Per request of the Board of Commissioners, a speed study was conducted on Center Street. This study was conducted utilizing an electronic, furtive, speed measurement unit that was installed in a stationary position along the residential portion of the roadway. The unit was installed facing the downtown business district. The speeds of vehicles traveling both directions upon the roadway were measured. The speed of Center Street 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 April weekday study, the speeds of 483 vehicles were evaluated. The average speed of the vehicles was 18 m.p.h. The highest recorded speed was 51 m.p.h., which occurred at approximately 4:00 p.m. Of the vehicles evaluated during the study, 85 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 25 m.p.h.

During the April weekend day study, the speeds of 606 vehicles were evaluated. The average speed of the vehicles was 27 m.p.h. The highest recorded speed was 41 m.p.h., which occurred at approximately 7:00 a.m. Of the vehicles evaluated during the study, 98 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.