



TOWN OF CRAMERTON

Planning & Zoning Department

TO: Town of Cramerton Board of Commissioners

FROM: Dave Pettine, AICP; Planning Director

DATE: 10/16/17

RE: Traffic Study on Center St.

Following the requests of the Board of Commissioners (BOC), the Town of Cramerton Police Department (CPD) conducted a speed study on Center St. The speed study has been evaluated under the newly adopted Traffic Calming Policy, and staff would like to provide the following summary.

Center St. – posted speed limit 20 MPH

- Study conducted in two phases
 - Phase I – April weekday
 - Phase II – April weekend
- **Initiation of Request**
 - BOC driven
- **Analysis (Phase I) – weekday**
 - 483 total vehicles evaluated
 - Average speed - 18 MPH
 - Highest speed – 51 MPH (at approximately 4 PM)
 - 85 vehicles traveling above the posted speed limit (~17%)
 - 85% of those vehicles traveling between 21-25 MPH
- **Analysis (Phase II) – weekend**
 - 606 total vehicles evaluated
 - Average speed - 27 MPH
 - Highest speed - 41 MPH (at approximately 7 AM)
 - 98 vehicles traveling above the posted speed limit (~16%)
 - 85% of those vehicles traveling between 21-28 MPH
- **Findings**
 - Results of the study show an average speed of approximately 23 MPH, indicating a **Class A** traffic issue.
 - Average speed is within the 0-9 MPH range over the posted limit
 - Based on the findings, increased speed enforcement will be initiated.