



TOWN OF CRAMERTON

Planning & Zoning Department

TO: Town of Cramerton Board of Commissioners

FROM: Dave Pettine, AICP; Planning Director

RE: Traffic Studies on Woodlawn Ave., and Eighth Ave.

Following the requests of the Board of Commissioners (BOC), the Town of Cramerton Police Department (CPD) conducted two separate speed studies on Woodlawn Ave., and Eighth Ave. These speed studies have been evaluated under the newly adopted Traffic Calming Policy, and staff would like to provide the following summaries of each.

Woodlawn Ave. – posted speed limit 20 MPH

- Study conducted in two phases
 - Phase I – 4/30 – 5/4/17
 - Phase II – 5/8 – 5/12/17
- **Initiation of Request**
 - BOC driven
- **Analysis (Phase I) – study area on Woodlawn Ave. between Market St. and the traffic circle**
 - 3,919 total vehicles evaluated
 - Average speed - 16 MPH
 - Highest speed – 44 MPH (at approximately 3 PM)
 - 556 vehicles traveling above the posted speed limit (~14%)
 - 85% traveling between 20 MPH or less
 - Heaviest volume between 1:00-2:00 PM
- **Analysis (Phase II) – study are on Woodlawn from the traffic circle toward Thirteenth St.**
 - 466 total vehicles evaluated
 - Average speed - 18 MPH
 - Highest speed - 41 MPH (at approximately 11 AM)
 - 172 vehicles traveling above the posted speed limit (~39%)
 - 85% traveling between 20-25 MPH
 - Heaviest volume between 10:00 AM-12:00 PM
- **Findings**
 - Results of the study show an average speed between 18-21 MPH, indicating a **Class A** traffic issue.
 - Average speed is within the 0-9 MPH range over the posted limit
 - No additional police action to be taken based on the findings of the study.
 - Officers were advised of residents' perception of speed in the study area

Eighth Ave. – posted speed limit 20 MPH

- Study conducted between 6/10 – 6/15/17
- **Initiation of request**
 - BOC driven
- **Analysis – study area on Eighth Ave. between Ninth and Tenth St.**
 - 6,377 vehicles evaluated
 - Average speed – approx. 21 MPH
 - Highest speed – 49 MPH (approximately 4:00 PM)
 - 4,270 vehicles travelling above posted speed limit (~67%)
 - 85% of vehicles travelling above the posted speed limit were travelling between 21-30 MPH
 - Heaviest traffic times were between 2-5 PM
 - Majority of vehicles traveling above the posted speed limit occurring between 4-5 PM.
 - No reported traffic collisions in the study area within the last 12 months
- **Findings**
 - Results of the study show an average speed of approximately 21 MPH, indicating a **Class A** traffic issue.
 - Average speed is within the 0-9 MPH range over the posted limit
 - Police will increase speed enforcement in this area

Actions

- Staff to present study findings to the BOC per this memo
- BOC to make final determination on any additional traffic calming measures are to be considered/implemented within the study area(s).