



## TOWN OF CRAMERTON

Planning & Zoning Department

**TO: Town of Cramerton Board of Commissioners**

**FROM: Dave Pettine, AICP; Planning Director**

**RE: Traffic Study on Cimarron Blvd.**

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

**Cimarron Blvd.** – posted speed limit 20 MPH

- Study conducted in two phases
  - Phase I – 7/27 – 7/29/17 – outbound to Armstrong Ford Rd.
  - Phase II – 8/4 – 8/6/17 – inbound from Armstrong Ford Rd. toward Greenmont Circle
- **Initiation of Request**
  - BOC driven
- **Analysis (Phase I) – outbound traffic**
  - 3,235 total vehicles evaluated
  - Average speed - 24 MPH
  - Highest speed – 49 MPH (at approximately 6 AM)
  - 2,639 vehicles traveling above the posted speed limit (~81%)
    - 85% of those vehicles traveling between 21-32 MPH
    - 50% of those vehicles traveling between 21-24 MPH
  - Heaviest volume between 10:00-11:00 AM and 4:00-5:00 PM
  - Majority of vehicles traveling above the posted speed limit between 6:00-8:00 AM, and 9:00-10:00 PM
  - No reported traffic collisions within the last 12 months
- **Analysis (Phase II) – inbound traffic**
  - 767 total vehicles evaluated
  - Average speed - 24 MPH
  - Highest speed - 46 MPH (at approximately 4 PM)
  - 563 vehicles traveling above the posted speed limit (~73%)
    - 85% of those vehicles traveling between 21-31 MPH
    - 50% of those vehicles traveling between 21-25 MPH
  - Heaviest volume between 9:00 AM-10:00 AM and 5:00-7:00 PM
  - Majority of vehicles travelling above the posted speed limit occurred during these times as well
  - No reported collisions within the past 12 months

- **Findings**

- Results of the study show an average speed of 24 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 in both directions, with emphasis on outbound traffic.