



"Our mission is to provide outstanding service, safety and support for transportation infrastructure and maintenance."



September 27, 2021

Amanda Benefiel
Advance HOA Management, Inc.
PO Box 370390
Denver, CO 80237

RE: Traffic Calming Request -Traffic Data Results

Thank you for sharing your homeowner concerns regarding traffic conditions on Knobcone Drive. In response, the Town has collected traffic data along the street to better understand the conditions.

A copy of the Neighborhood Traffic Calming Program policies and procedures are also enclosed for your reference. The program was adopted to address neighborhood concerns about speeding vehicles and cut through traffic. The program eligibility thresholds were established to identify and address problems while balancing Town resources against the demands for traffic calming.

In order for a street to qualify for the traffic calming program it must meet or exceed the minimum thresholds for traffic volumes and speed. There must be an average total of at least 500 vehicles per day on the residential street, **and** the minimum 85th percentile speed must be 30 mph or greater, or at least 5 mph above the posted speed limit if the limit is higher than 25 mph. The 85th percentile is the speed at or below which 85 percent of people drive at any given location. The 85th percentile speed is also the speed that has been generally determined by traffic engineers nationwide as the safe "operating speed" for a street under good weather and visibility conditions. Speed limits are often set according to the measured 85th percentile speed.

In order to gather the necessary volume and speed data, Town staff had traffic and speed measuring equipment placed along Knobcone Drive. Data was collected on September 14th and 15th. The following data are the results of the traffic collection:

Measured 85th Percentile Speed:

September 14th = 19.5 mph
September 15th = 19.9 mph

In order to meet the requirements of the program, the measured 85th percentile speed needs to be 30 mph or greater. The 85th percentile speed measured on Knobcone Drive did not meet the 30 mph minimum requirement.

Measured Average Daily Traffic (ADT) Volume on the Street:

September 14th = 245 ADT

September 15th = 215 ADT

The Town's program requires that the ADT volume on the street must be a minimum 500 vehicles/day. The results of the count indicate that traffic volumes did not meet the 500 vehicles per day minimum ADT requirement.

STAFF RECOMMENDATIONS:

Based on the results of the recent traffic study, Town staff has determined that Knobcone Drive does not meet both conditions of the eligibility criteria established in the Town's Neighborhood Traffic Calming Program. Please be aware that while Knobcone Drive does not meet the Program's criteria, the Town does offer educational material, such as yard signs that remind drivers to slow down and drive the posted speed limit. There are also "traffic treaties" championed by residents, which are pledges by neighbors to drive the speed limit. These treaties bring awareness to the concern and promote problem-solving while neighbors go door-to-door seeking signatures.

The Neighborhood Traffic Calming Program policy does provide an appeal process for staff's decisions. It is on page 10 of the enclosed policy document. Also this street will be eligible for re-evaluation in one-year.

I am available to discuss the findings of the study, or answer any questions you may have. I can be reached at 720-733-2483, or treiff@crgov.com.

Sincerely,

Tom Reiff
Transportation Planner

cc: Dan Sailer, P.E., Public Works Director
Ryan Germeroth, P.E., Public Works Assistant Director
Jacob Vargish, P.E., Transportation Planning and Traffic Manager