

Gunbarrel Green HOA Traffic Committee Report

May 22, 2018

Speed mitigation on Idylwild Trail

- On 4/29/2018, the Traffic Committee had the historical speed data downloaded from the speed sign on Idylwild Trail for the previous 30 days. This indicated that:
 - 82% of the cars had speeds of 20 mph and below;
 - 5% of cars had speeds of 26 mph and above;
 - 0.5% of cars had speeds over 32 mph.
- On 4/30/2018, the Committee had the speed sign reprogrammed to:
 - Start flashing at a speed above 20 mph;
 - Flash in amber color at speeds above 23 mph;
 - Alternate “strobe” flashing of the words “Slow Down” and “Too Fast” at speeds of 25 mph and above.

Speed sign on Old Post Road

- Our vendor informed us that this speed sign is an older model that is no longer supported by its manufacturer. Moreover, the software needed to download its data or reprogram it is no longer available. The option offered was to replace the unit with an updated version.

Meeting with Boulder County Traffic Department

- On Monday, April 30th, members of the HOA Traffic Committee met with the Boulder County Department of Transportation.
- We shared our speed data from the Idylwild speed sign and they informed us that the data was consistent with their speed survey and that Idylwild did not merit intervention on their part base upon that data. They recommended that we consider one or more of the following options:
 - Flashing red and blue lights to be attached to the speed detector on Idylwild that would be triggered when a speeding vehicle approached;
 - Install a second speed detector sign on Idylwild to deal with traffic travelling in the opposite direction on Idylwild;
 - Install more speed dips on Idylwild, as these clearly slow down the traffic. They estimated the cost as between \$5,000 and \$8,000 per speed dip. They would consider splitting the cost with us if we were to request such.
- We discussed the possibility of placing “No Parking” signs on one side of Idylwild Trail; the County Traffic engineers felt that this would not be helpful but would consider such if requested. They pointed out that cars parked along Idylwild likely forced traffic to slow down which was beneficial to the speeding issue.

Meeting with Boulder City Traffic Department to discuss traffic light at Lookout and Idylwild

- On May 22nd, members of the HOA Traffic Committee met with the Boulder City Department of Transportation to discuss the issue of delays exiting Idylwild at Lookout particularly during morning and evening rush hour times. (For reference, Lookout Road is a Boulder City street, not a county road.) A representative of the Boulder County Department of Transportation was also present.
- The City shared the results of the traffic light feasibility report of March 2016 regarding that intersection. The Federal threshold justifying a traffic light is a “stopped time delay” exceeding four vehicle-hours per day and Boulder City considers a threshold of two vehicle-hours to begin consideration of a traffic control signal. Their 2016 survey documented only 0.7 vehicle-hours of delay time, clearly below the threshold.
- However, their survey considered only the morning rush hour period and we are now experiencing substantial delays during the evening rush hour period as well.
- They plan to perform another intersection delay survey at Idylwild and Lookout in September 2018 and agreed to survey both the morning and the evening rush hour periods. They will communicate those results to the Traffic Committee when the survey is completed.
- They also recommended that we consider widening Idylwild Trail at the Lookout Road intersection so that Idylwild would have two exit lanes—one for vehicles turning left onto Lookout and one for vehicles turning right (or going straight). They informed us that this had been done for traffic exiting south at that intersection from the Gunbarrel North community and that this intervention had improved the traffic flow considerably. We pointed out that this was likely not feasible without removing or modifying the archway on Idylwild at the entrance to Gunbarrel Green but we asked the County to investigate that option.

Summary of our recommendations for consideration:

- Consider installing additional speed dips on Idylwild;
- Consider purchasing and installing a second speed sensing sign for Idylwild to address traffic in the direction opposite to that detected by the current speed sign;
- Consider replacing the speed sign on Old Post Road with a new speed sign if the speeding issue on Old Post merits this;
- Await feedback from Boulder County Transportation Department about the feasibility of widening Idylwild at Lookout to accommodate two exit lanes—one for vehicles turning left onto Lookout and one for vehicles turning right (or going straight);
- Await the results of the Traffic Warrant Survey of the intersection of Idylwild Trail and Lookout Road planned for September 2018 by Boulder City Traffic Department.