

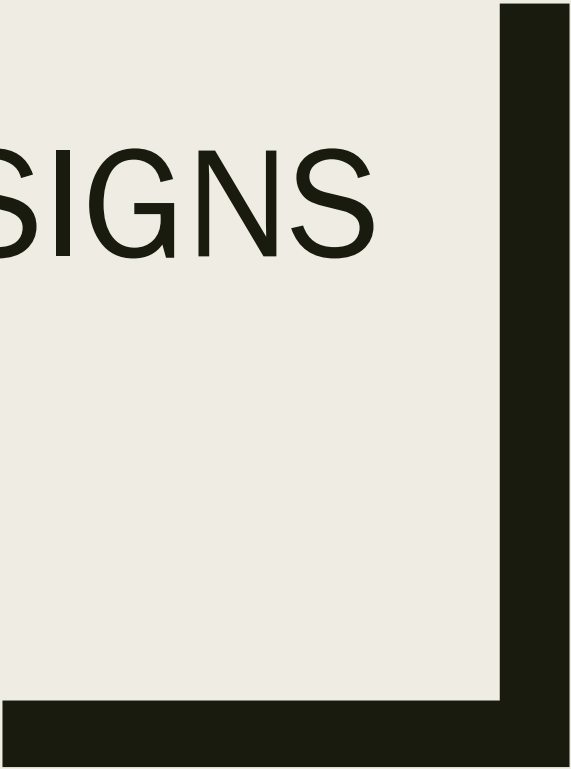


# RADAR SPEED SIGNS

Tracking Results

6/21/19 - 7/21/19

7/22/19 - 8/22/19



# Background

- History of anecdotal complaints regarding excessive speed
- Request for all-way stop at Pine Mountain Drive and Rock Canyon
- Board request for data on actual speeding incidents
- Acquisition of radar speed signs
- Installation of radar speed signs in both directions approaching Rock Canyon
- Collection of data for 30 days
- Installation of all-way stop
- Collection of data for additional 30 days
- Compilation of data and report preparation

# Sign Locations and Data Collection

- Sign 1 – 20351 Pine Mountain Drive
  - *Traffic heading North from direction of the Lake Lodge*
- Sign 2 – 20386 Pine Mountain Drive
  - *Traffic heading South from direction of Tennis Courts*
- Signs operational from June 21 to July 21 (before all-way stop)
- Signs operational from July 21 to August 21 (after all-way stop)
- Data collected and compiled for both relevant time periods

# Data Analysis and Results

- Results for June 21 – July 21
  - *Sign 1 (north bound)*
    - Total Vehicles – 10,945
    - Average Speed – 30 MPH
    - Maximum Speed – 57 MPH
    - Percent of vehicles within 5 MPH of limit – 53.9%
  - *Sign 2 ( south bound)*
    - Total Vehicles – 10,862
    - Average Speed – 30 MPH
    - Maximum Speed – 57 MPH
    - Percent of vehicles within 5 MPH of limit – 30.3%

# Data Analysis and Results

- Results for July 22 – August 22
  - *Sign 1 (north bound)*
    - Total Vehicles – 10,074
    - Average Speed – 30 MPH
    - Maximum Speed – 60 MPH
    - Percent of vehicles within 5 MPH of limit – 33.2%
  - *Sign 2 ( south bound)*
    - Total Vehicles – 9,900
    - Average Speed – 30 MPH
    - Maximum Speed – 58 MPH
    - Percent of vehicles within 5 MPH of limit – 30.6%

# Conclusions/Recommendation

## ■ Conclusions:

- *No difference in average speed in either direction.*
- *No significant difference in speed compliance within tolerant range*
- *No difference in maximum speed recorded*
- *Anecdotal reports of reduced speed observed in the area of the all-stop location*

## ■ Recommendations:

- *Leave all-way stop in place*
- *Continue to monitor and record data from both signs*
- *Report on any noticeable change in speed limit compliance*



COMMENTS/QUESTIONS