

Citizen Speed Study

Instructions: Almost anyone with a stopwatch and a tape measure can conduct a speed study. Select a landmark, or place a highly visible object, on the side of the road to be studied (not in the roadway). Then measure 100 ft along the road away from the landmark with a tape measure. This is where you'll stand and measure the times between when a vehicle passes you and then the landmark, or the landmark and then you, depending on the direction of travel. Make a tally mark in the corresponding row of the seconds measured. At the end of the study, total the tally marks in the column on the right. The expectation is that you collect the speeds of all the vehicles that you can in a continuous 30-minute period during a time when you believe the speeding to be the worst.

There are also smart phone apps for this. The iPhone app is called "SpeedClock – Video Radar" and an android app called "Smart Speed", where you enter the distance from the travel lane and track the vehicle with your finger across the screen. If you use one of these apps, please fill out table below with the data you get using the app.

Be sure to fill out your contact information and information about the location, weather, and the start and end times of the study. Send the completed study to Luke Seegmiller, Lehi City Traffic Engineer

- **Email:** lseegmiller@lehi-ut.gov
- **Mail or Drop Off:** 153 N 100 E, Lehi, Ut 84043.

Name: _____ **Date:** _____
Phone Number: _____ **Start Time:** _____
Location: _____ **End Time:** _____
Speed Limit: _____ **Weather Conditions:** _____

Seconds	MPH for 100 ft	Tally Mark	Total
≤ 1.5	≥ 45.4		
1.6	42.5		
1.7	40.0		
1.8	37.8		
1.9	35.8		
2.0	34.0		
2.1	32.4		
2.2	30.9		
2.3	29.6		
2.4	28.3		
2.5	27.2		
2.6	26.2		
2.7	25.2		
2.8	24.3		
2.9	23.5		
3.0	22.7		
3.1	21.9		
3.2	21.3		
3.3	20.6		
3.4	20.0		
≥ 3.5	≤ 19.4		