



WHERE COMMUNITY AND SPIRIT MEET®

SCIT Report/Recommendations

September 13, 2023

1. **Request for Speed Bumps or an additional Stop Sign on Simmons Avenue between Essex and Jewel** – SCIT discussed this speed bump addition. SCIT has recommended a speed study to take place by first placing the Police Trailer at this location. If there is not a safe place to place the speed trailer, the City will take speed/traffic counts to collect traffic data within the area to be analyzed further by SCIT.
2. **Request for No Parking signs on one side of Folger Avenue (Kirkwood Connect)** – SCIT discussed this request. SCIT has recommended that a petition is required from a majority of residents in the affected area (from Manchester Road to Charlene Drive). The petition shall state which side of the street is desired to have no parking. SCIT also discussed a request from an in-home day care that requested no parking on Simmons in front of her home. It was not recommended by SCIT to eliminate parking in front of this home, as this is a public street.
3. **Greenbriar Hills CC Resident Request for Multiple Speed Bumps** – A petition has been received and a speed study was conducted this summer with 73% of vehicles traveling over the speed limit of 20 mph. See attached report.. SCIT has recommended that no speed bumps be installed before winter. SCIT recommended installation of speed bumps in the spring of 2024 and then perform another speed study to measure effectiveness.
4. **Request for Crosswalk at Robinson Elementary School.** – SCIT discussed the crosswalk request (between West Rose Hill and Big Bend Boulevard). SCIT determined that a mid-block crossing is not warranted due observed volume of pedestrians on the East side of Couch and the proximity of the crosswalks at Couch and West Rose Hill Avenue.
5. **Request for “No Left Turn Sign” WB Quan at Tillman Elementary School.** – SCIT discussed this request for a “No Left Turn” MUTCD Movement Prohibition Sign R3-2 for Westbound Quan across from the recently modified entrance at the east side of Tillman Elementary. SCIT will recommend placement of the No Left Turn sign and it be added, by ordinance, to Chapter 14. Motor Vehicles and Traffic Article VIII. Traffic Schedules § 14-402. No left turns as “Quan Avenue, westbound on Quan Avenue at 900 Bernice Avenue (parking lot to Tillman Elementary School)” to be sent to City Council for approval.
6. **Speed Warning Display Light in front of Keysor Elementary school.** - SCIT discussed this request for the review of the failure of the display light. Monitor operation and have City’s Traffic Signal Electrician troubleshoot, if necessary. No action required by SCIT.
7. **Speed Hump request on Harrison Avenue.** – SCIT discussed. A specific location is required for review by SCIT and a speed trailer will be then be installed. SCIT will review at next meeting.
8. **598 Gabriel Request for Crosswalk with Stop Sign Across West Essex (Kirkwood Connect).** – SCIT discussed. The request for Stop sign on westbound West Essex Avenue at Gabriel is not

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warranted. SCIT will investigate the placement of a Rectangular Rapid-Flashing Beacon (RRFB) pedestrian crossing signal due to the proximity of an entrance to the Kirkwood High School.

- 9. Request for Speed Humps on Forest between Big Bend and Railroad Tracks** – SCIT discussed this request for speed humps. A speed study was conducted with only 42% of drivers speeding over the speed limit of 25. See attached report. (Add summary of report) This request does not warrant further consideration by SCIT.

10. Additional Discussion Items

None.

2023 Traffic Study Overview

A. Forest Ave (speed limit 25 mph)

A request for speed humps on Forest Ave between Big Bend and the train tracks was submitted to the City of Kirkwood. At the May 2023 meeting, SCIT requested a traffic study on Forest Ave. The study was conducted on June 23rd 2023 through June 30th 2023. The traffic counter was placed at 1016 Forest Ave.

In the south bound lane, the AADT was 660 vehicles and had an average speed of 23.78 mph with an 85th percentile speed of 28 mph. The study found that 35.27% of drivers were speeding. Drivers that were speeding had an average speed of 28.0 mph. The maximum speed recorded during the study was 45 mph at 6:43 AM.

In the north bound lane, the AADT was 657 vehicles and had an average speed of 25.24 mph with an 85th percentile speed of 30 mph. The study found that 49.20% of drivers were speeding. Drivers that were speeding had an average speed of 28.9 mph. The maximum speed recorded during the study was 47 mph at 9:32 AM.

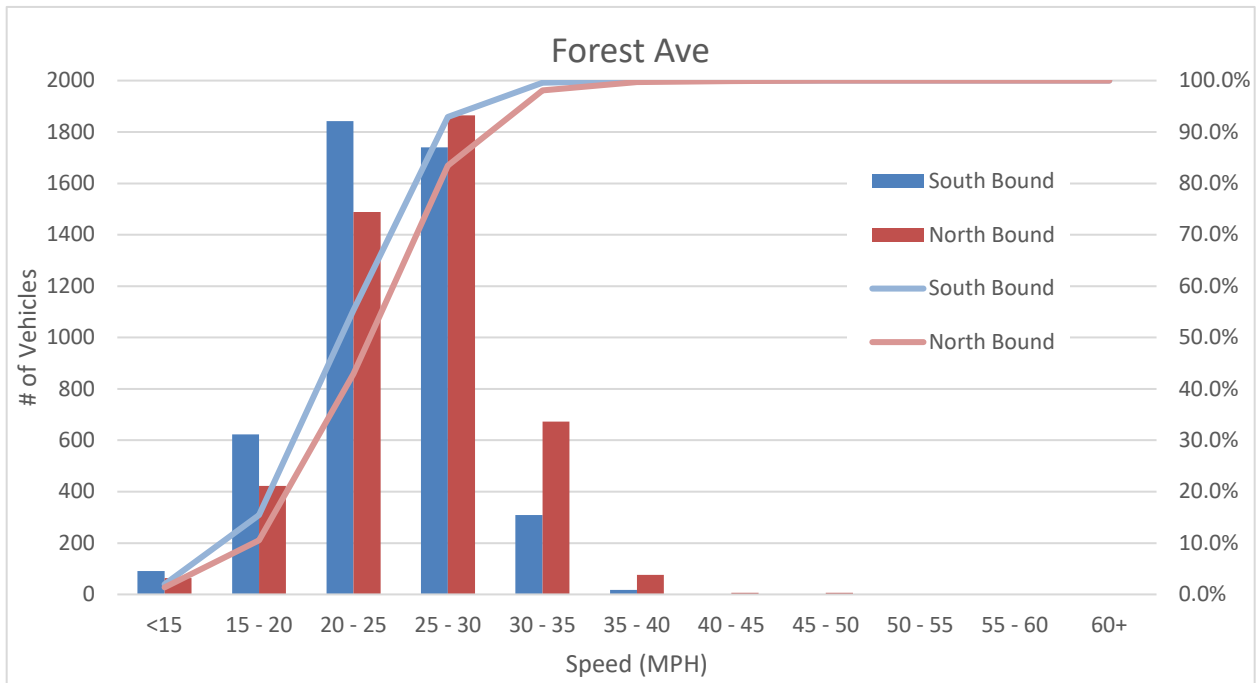


Figure 2: This graph shows the speed distributions at Forest Ave.

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B. Glenwood (speed limit 20 mph)

A request for speed humps on E Glenwood Ln between Big Bend and the golf course was submitted to the City of Kirkwood. At the September 2022 meeting SCIT requested a traffic study on E Glenwood Ln. The study was conducted on July 7th 2023 through July 14th 2023. The traffic counter was placed at 7 E Glenwood Ln.

In the south bound lane, the AADT was 422 vehicles and had an average speed of 22.72 mph with an 85th percentile speed of 27 mph. The study found that 73.55% of drivers were speeding. Drivers that were speeding had an average speed of 24.5 mph. The maximum speed recorded during the study was 41 mph at 1:05 PM.

In the north bound lane, the AADT was 376 vehicles and had an average speed of 22.63 mph with an 85th percentile speed of 26 mph. The study found that 73.18% of drivers were speeding. Drivers that were speeding had an average speed of 24.3 mph. The maximum speed recorded during the study was 49 mph at 7:58 AM.

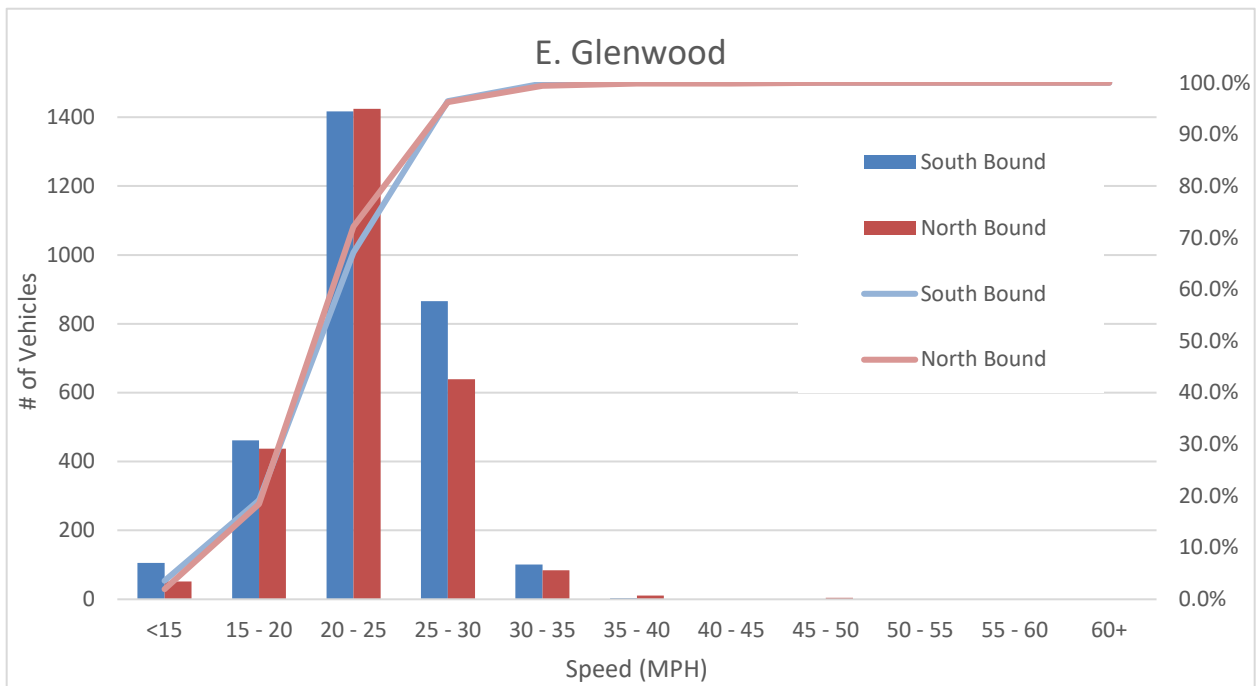


Figure 4: This graph shows the speed distributions at E. Glenwood Ln.