

Royal Oak Citizens Traffic Committee

AGENDA ITEM

Title	Request to Install Speed Humps on Linwood Avenue
SUBMITTING DEPARTMENT	Engineering Division
PRESENTER	Holly Donoghue, P.E.
MEETING DATE	July 22, 2025

Requestor Concern:

A request was received from Holly Fockler-LaBute of 1520 Linwood Avenue to install speed humps on Linwood Avenue between Woodward Avenue and 12 Mile Road due to speeding concerns.

Staff Analysis:

The Staff Traffic Committee has reviewed this request and determined that:

1. Linwood Avenue is a 37-foot wide local road consisting of concrete pavement with integral curb.
2. The road is approximately 0.2-miles long between Woodward Avenue and 12 Mile Road and there are stop signs at either end. Shrine Catholic Grade School takes up most of the west side of the street. The east side of Linwood Avenue is a permit parking zone for residents and parking is allowed on the west side of the street.
3. The three-year (2022-2024) accident report shows no accidents occurred along the corridor.
4. The city requested traffic measurements from the TIA for speed and traffic volume, which were measured in June 2025:

Linwood Avenue	85th Percentile Speed (mph)	Vehicles Per Day
Woodward to 12 Mile	28	554

5. Staff prepared a petition and exhibit showing the proposed speed humps on June 11, 2025 for this block. The signed petition was returned on June 25, 2025 and is provided in the attachments, along with a sketch of the proposed speed hump locations.

6. A summary of the speed hump criteria follows:

Speed Hump Criteria	Linwood Avenue Evaluation
The road must be classified as a Local Road under the National Functional Classification of Roads (NFC).	✓
The street must be paved already.	✓
The street must not be on a primary fire route, a high priority street for snow plowing, or primary school bus or transit route. The Police Department, Fire Department and Department of Public Services must not have any operational objections to the installation of speed humps.	✓
There must be space to allow for speed humps 300 to 600 feet apart.	✓
There must be space to install speed humps outside the influence of property driveways and intersections.	✓
The 85th percentile speed as measured by a three-day speed study must be 28 mph or higher.	✓ (28 mph)
The average daily traffic volume must be at least 300 vehicles per day as measured by a three-day traffic count.	✓ (554 vpd)
65% of residents must petition for the installation.	✓ (12/18 = 67%)
100% of properties on either side of each hump must be in favor of the petition.	✓ (1500, 1508, 1608, 1612, 1621)
Speed humps will consist of asphalt or concrete material unless otherwise approved.	✓

7. All the required criteria for speed humps have been met. The speed humps can be constructed next summer as part of the road reconstruction improvement project.

8. Staff will notify the residents of Linwood Avenue that this item will be on the July agenda.

Suggested Staff Recommendation: Install two speed humps and speed hump signage and striping on Linwood Avenue between Woodward Avenue and 12 Mile Road as shown in the submitted petition.

Estimated cost: \$19,000