



17-139

TITLE: Consider/Discuss/Act on an Ordinance Establishing a Speed Limit on Wilmeth Road West of Lake Forest Drive

COUNCIL GOAL: Operational Excellence

MEETING DATE: February 7, 2017

DEPARTMENT: Development Services / Engineering

CONTACT: Robyn Root, P.E., P.T.O.E., Traffic Engineer

RECOMMENDED CITY COUNCIL ACTION:

- Approval of this Ordinance.

ITEM SUMMARY:

- This Ordinance will establish a speed limit on Wilmeth Road of 40 mph from a point 140 feet west of Ridgeway Drive westward to the new city limits at approximately 1400 feet west of Ridgeway Drive.
- This Ordinance will also re-establish a speed limit on Wilmeth Road of 40 mph from Lake Forest Drive to Ridgeknoll Avenue.

BACKGROUND INFORMATION:

- The new lanes of Wilmeth Road have been constructed adjacent to the Wilmeth Ridge and Auburn Hills subdivisions. These lanes of Wilmeth Road have been opened to traffic and thus a speed limit needs to be established on this extension of Wilmeth Road.
- When developing a recommendation for a speed limit, the following factors should be considered:
 - o The design speed of the roadway.
 - o The measured 85th percentile speed.
 - o The established speed limit on adjacent section of the same roadway.
 - o The adjacent land uses along the roadway.

- A design speed of 45 mph was used for construction of this arterial, along with the rest of the corridor.
- The area is zoned residential with new residential developments along this new section of Wilmeth Road with construction underway.
- The established speed limit along Wilmeth Road from a point 140 feet west of Ridgeway Drive to Ridgeknoll Avenue is 40 mph.
- Due to the above factors, a proposed speed limit of 40 mph is recommended on Wilmeth Road from a point 140 feet west of Ridgeway Drive to the new city limits approximately 1400 feet west of Ridgeway Drive.
- In 2013, per Ordinance 2013-02-013, the speed limit on Wilmeth Road between Lake Forest Drive and Ridgeknoll Avenue was inadvertently removed when the speed limit was extended on Wilmeth Road from Ridgeknoll Avenue to a point 140 feet west of Ridgeway Drive. This Ordinance will re-establish the speed limit of 40 mph on this section of Wilmeth Road.

FINANCIAL SUMMARY:

- The installation of the speed limit signs associated with the agenda item is in the operating budget of the Engineering Department.

BOARD OR COMMISSION RECOMMENDATION:

- N/A

SUPPORTING MATERIALS:

[Ordinance](#)
[Location Map](#)