



# CITY OF MCKINNEY, TEXAS

## Legislation Text

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**File #:** 17-139, **Version:** 1

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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:
  - The design speed of the roadway.
  - The measured 85<sup>th</sup> percentile speed.
  - The established speed limit on adjacent section of the same roadway.
  - 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