



TITLE: Consider/Discuss/Act on an Ordinance Establishing a Speed Limit on Wilmeth Road from Ridgeknoll Avenue and Extending Westward Approximately 1,250 Feet to the Existing City Limits

MEETING DATE: February 19, 2013

DEPARTMENT: Development Services

CONTACT: Gary Graham, P.E., PTOE, Transportation Manager
Jack Carr, P.E., Director of Engineering

RECOMMENDED CITY COUNCIL ACTION:

- Approval of the ordinance.

ITEM SUMMARY:

- This ordinance establishes a speed limit of 40 mph on Wilmeth Road between Ridgeknoll Avenue and the McKinney city limits, located 1250 feet west of Ridgeknoll Avenue.

BACKGROUND INFORMATION:

- Construction of the north two lanes of Wilmeth Road has been completed between Ridgeknoll Avenue and the city limits; therefore, a speed limit needs to be established along this section.
- When developing a recommendation for a speed limit, factors to be considered include:
 - The design speed
 - The 85th percentile speed
 - The existing speed limit on adjacent sections of the same roadway
- A design speed of 45 mph was used for this section of Wilmeth Road.
- A speed study conducted in January shows the 85th percentile for eastbound traffic is 43 mph and 47 mph for westbound traffic.
- The existing speed limit on Wilmeth Road east of this location is 40 mph.
- Establishing the speed limit at 40 mph on this section of Wilmeth Road will provide a consistent speed limit along the entire length of this roadway.
- This ordinance also corrects a discrepancy related to the name of Wilmeth Road found in this section of the Code of Ordinances.

FINANCIAL SUMMARY:

- None

BOARD OR COMMISSION RECOMMENDATION:

- N/A