



Recommendation for Action

File #: 21-3460, **Agenda Item #:** 43.

12/2/2021

Posting Language

Approve an ordinance amending City Code Section 12-4-64 (D) (*Table of Speed Limits*) to establish a maximum speed limit of 45 miles per hour on Lakeline Boulevard from North Lake Creek Parkway to West Parmer Lane.

Lead Department

Austin Transportation Department.

Fiscal Note

This item has no fiscal impact.

For More Information:

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Additional Backup Information:

In order to establish, modify or alter the existing speed limit of a street, the Texas traffic laws require that a traffic engineering investigation be performed. The Austin Transportation Department conducted an investigation of Lakeline Boulevard in accordance with the procedures specified in the Texas Department of Transportation's Texas Procedures for Establishing Speed Zones, 2006 and the Federal Highway Administration's USLIMITS2 tool.

Lakeline Boulevard is a two-lane divided road from North Lake Creek Parkway to approximately 400 feet east of Staked Plains Drive/Lyndhurst Street. It is a two-lane undivided road from approximately 400 feet east of Staked Plains Drive/Lyndhurst Street to approximately 1,165 feet west of West Parmer Lane and transitions to a two-lane divided road for the remaining section to West Parmer Lane.

Development along Lakeline Boulevard is a mix of commercial and residential from North Lake Creek Parkway to Staked Plains Drive/Lyndhurst Street. It is undeveloped for the remaining section except for a mix of commercial and residential development immediately west of West Parmer Lane. Additionally, the Capital Metro Metrorail Lakeline Station and Lakeline Park & Ride facility is in the southeast corner of the intersection of Lakeline Boulevard and Staked Plains Drive/Lyndhurst Street.

Lakeline Boulevard is classified as a Level 3 (minor arterial) street as per the Austin Strategic Mobility Plan (ASMP). Currently, there is no posted speed limit on Lakeline Boulevard from North Lake Creek Parkway to West Parmer Lane.

The Austin Transportation Department recommends adding the following to the City Code Section 12-4-64 (D) Table of Speed Limits, thereby establishing the speed limit as 45 mph on Lakeline Boulevard from North Lake Creek Parkway to West Parmer Lane.

Amendment to Code Section 12-4-64 (D) (Table of Speed Limits)

Add: Lakeline Boulevard from North Lake Creek Parkway to West Parmer Lane. (45 MPH)

The Austin Transportation Department's investigation was conducted in accordance with the Texas Department of Transportation's [Texas Procedures for Establishing Speed Zones, 2006](#) and the Federal Highway Administration's USLIMITS2 tool to evaluate speed limits from a safe systems approach, which includes the 85th and 50th percentile speeds; length and alignment of the road; number of lanes; road treatments and traffic control devices; land use; driveways; traffic volume; and crash rates as inputs to consider in setting reasonable, safe, and consistent speed limits based on the context and operating characteristics on the study segment.

As a result, Austin Transportation Department performed an engineering study along Lakeline Boulevard to review current traffic conditions to determine the posted speed limit. Data collection and analysis for the traffic study was completed in August 2021.

Strategic Outcome(s):

Mobility, Safety.