First Reading and Public Hearing of an Ordinance Amending City Code Section 17.03.004, Speed Limits Established for Certain Described Streets

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October 3, 2024

CEDAR PARK TEXAS

Cedar Park Mobility Master Plan - Roadway Action Plan

- Action R7: Collect speed and traffic data on a regular basis to maintain up to date information.

Roadway Action Plan			
Action Number	**Action Item Description**	**Conceptual Cost**	**Timeframe**
R5	Develop an outline for a Cedar Park specific Transportation Criteria Manual	$	Short-Term
R6	Creation of a Cedar Park specific Transportation Criteria Manual	$$	Short-Term
R7	Collect speed and traffic data on a regular basis to maintain up to date information	$	Short-Term

Texas Transportation Code Section 545.356 Authority of Municipality to Alter Speed Limits.

- Established and revised by local ordinance
- Based on an engineering and traffic investigation
  - Speed data of traffic during free flow
  - Other roadway conditions

Establishing Speed Limits

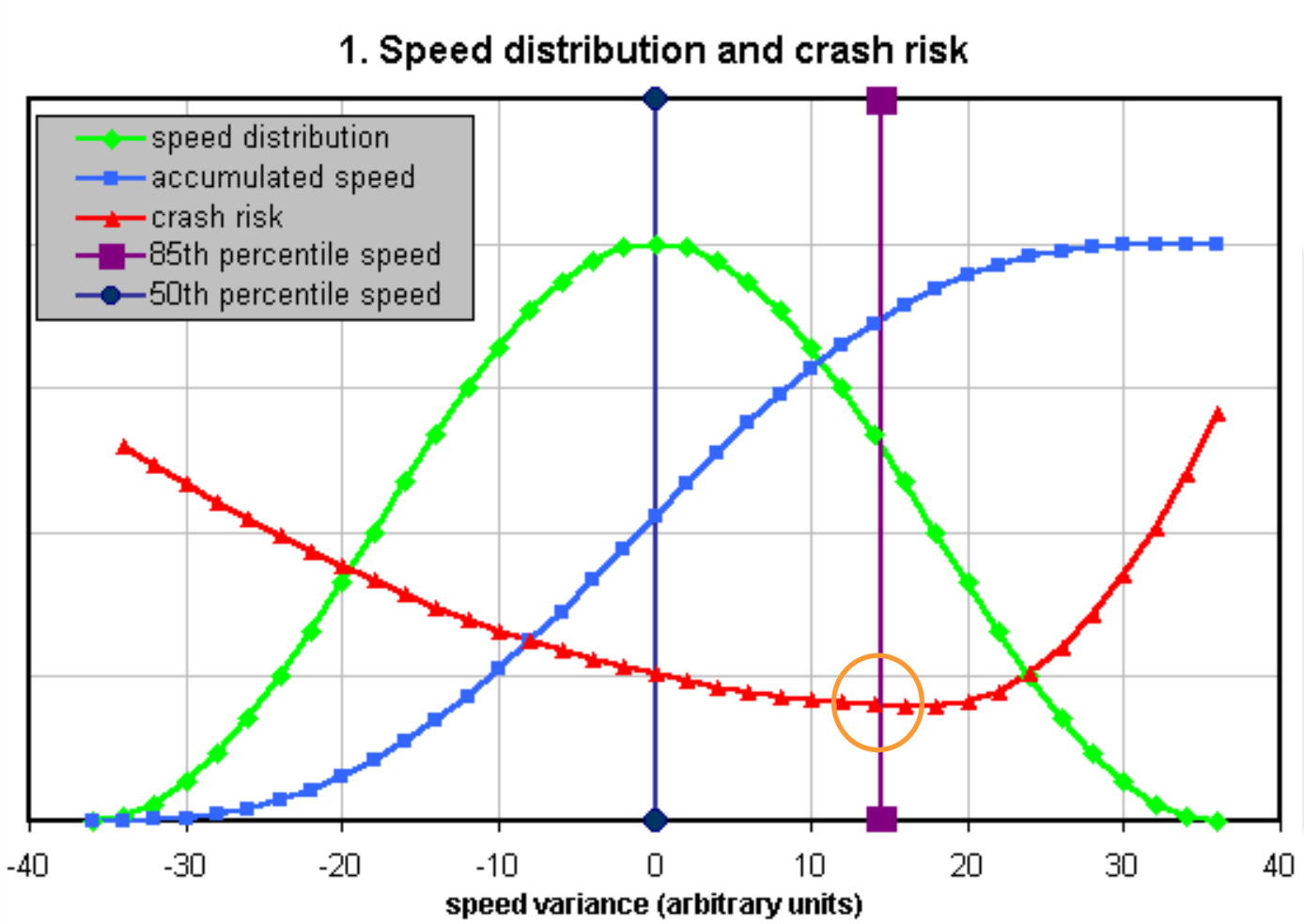
Texas Department of Transportation (TxDOT)

- Procedures for Establishing Speed Zones

- Spot speed data is collected
- Speeds established on the 85th Percentile Speed
  - Speed which 85% of all drivers travel at or below
  - Typically established within 5 mph of the 85% speed
- Standard practice

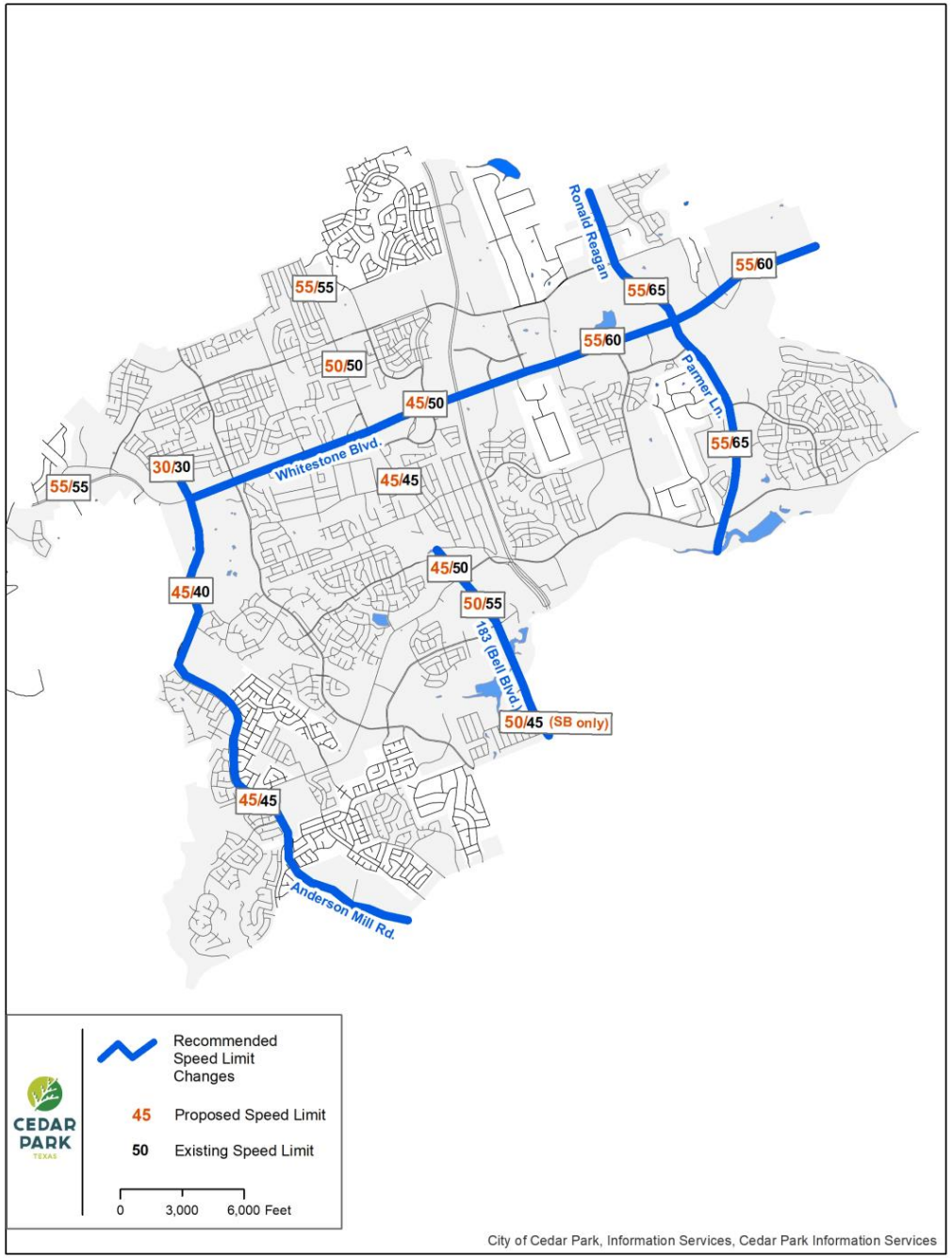
Texas Department of Transportation

- Determined that speed limits based on 85th % speed is considered the safest speed to be set.
  - Lowest risk of crashes
  - More consistent speeds
  - Reduced variations of speeds



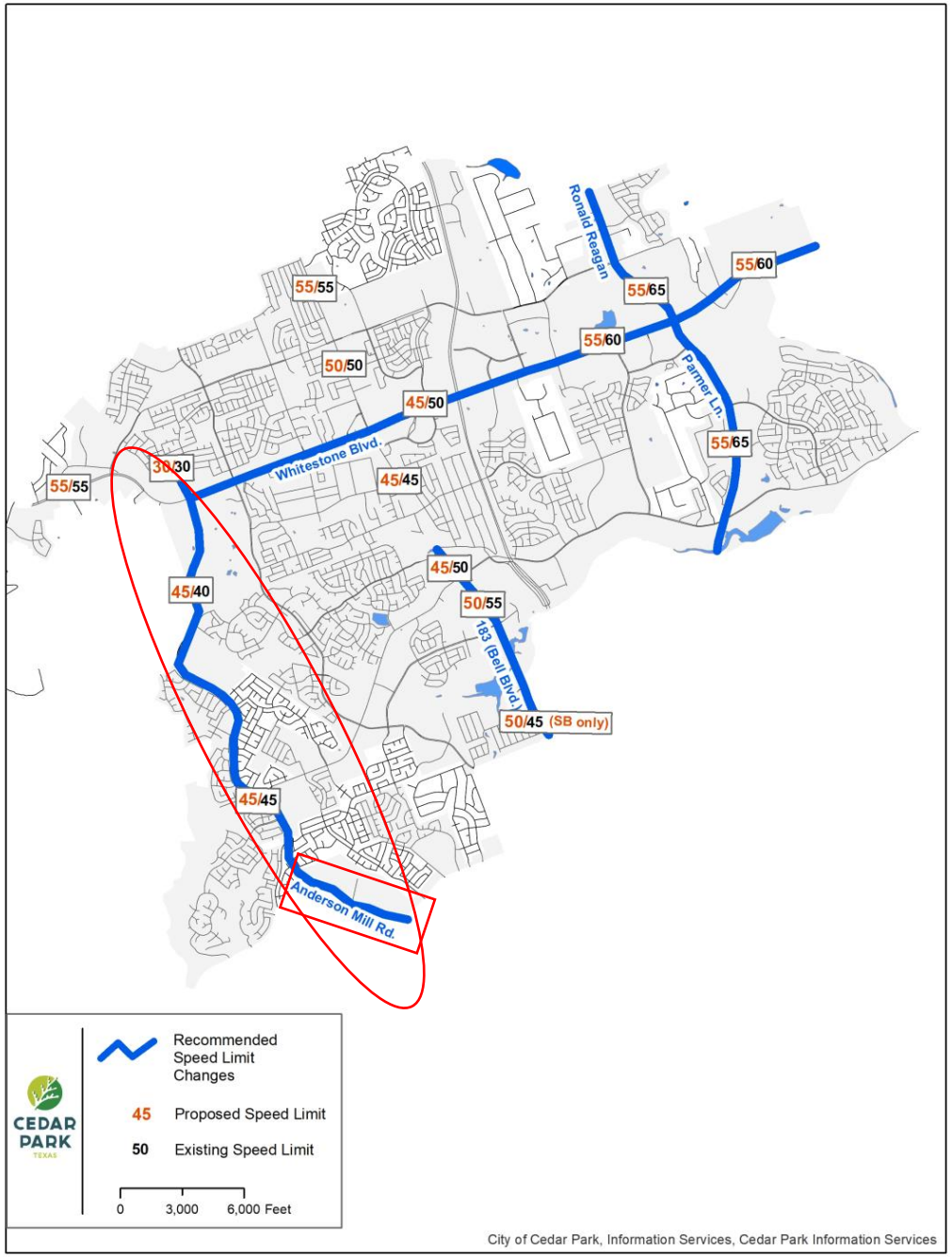
Speed Recommendations

- Anderson Mill Road
- US 183/ Bell Boulevard
- RM 1431/ Whitestone Boulevard
- FM 734/ Parmer Lane &
  Ronald Reagan Boulevard



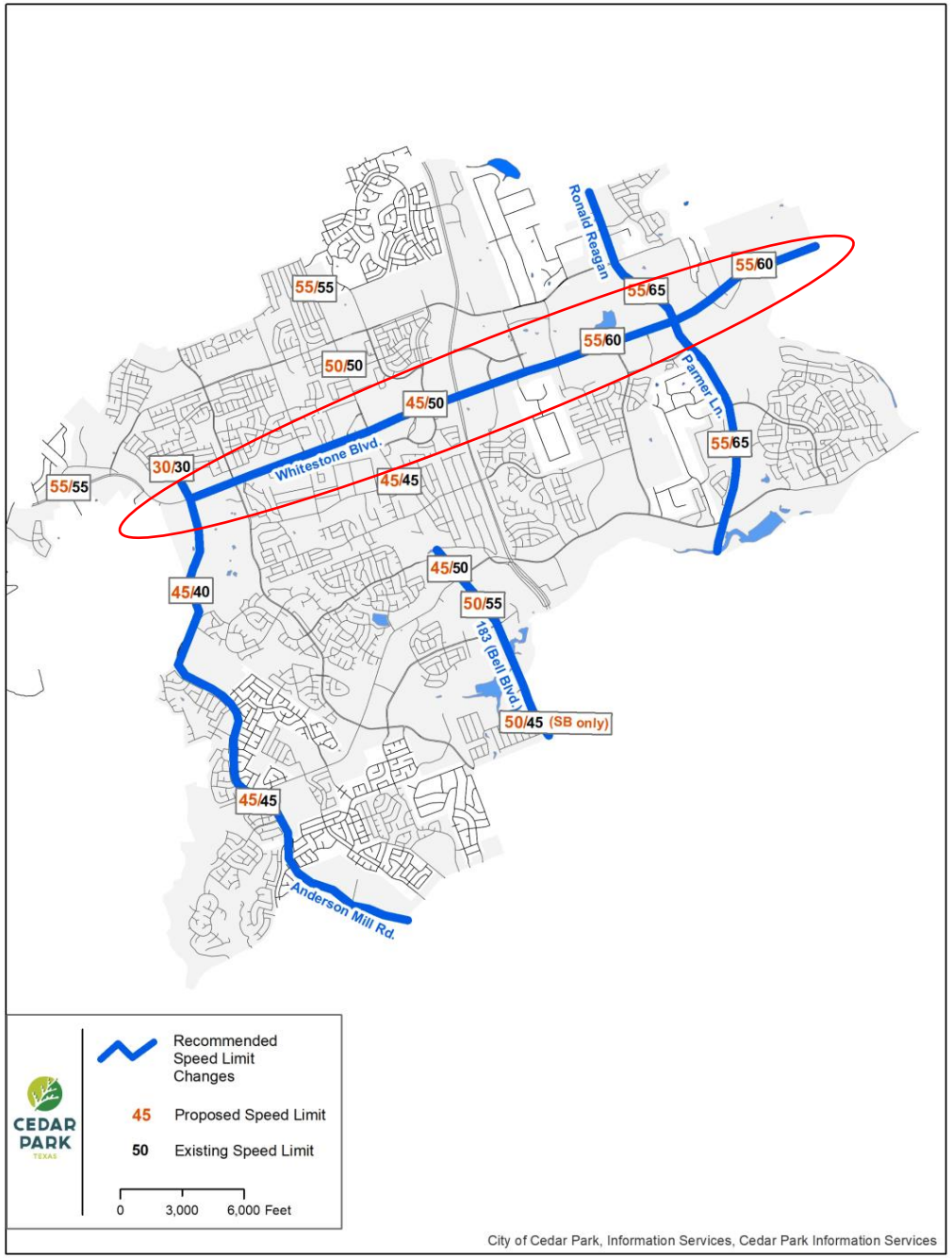
Anderson Mill Road

- Between FM 620 and Gaspar Bend (north of Lime Creek Road
  - Establish at 45 miles per hour
  - Posted at 45 miles per hour
  - FM 620 to FM 2769 is TxDOT's section
- Between Gaspar Bend and RM 1431 /Whitestone Boulevard
  - Amend to 45 miles per hour
  - Up from 40 miles per hour



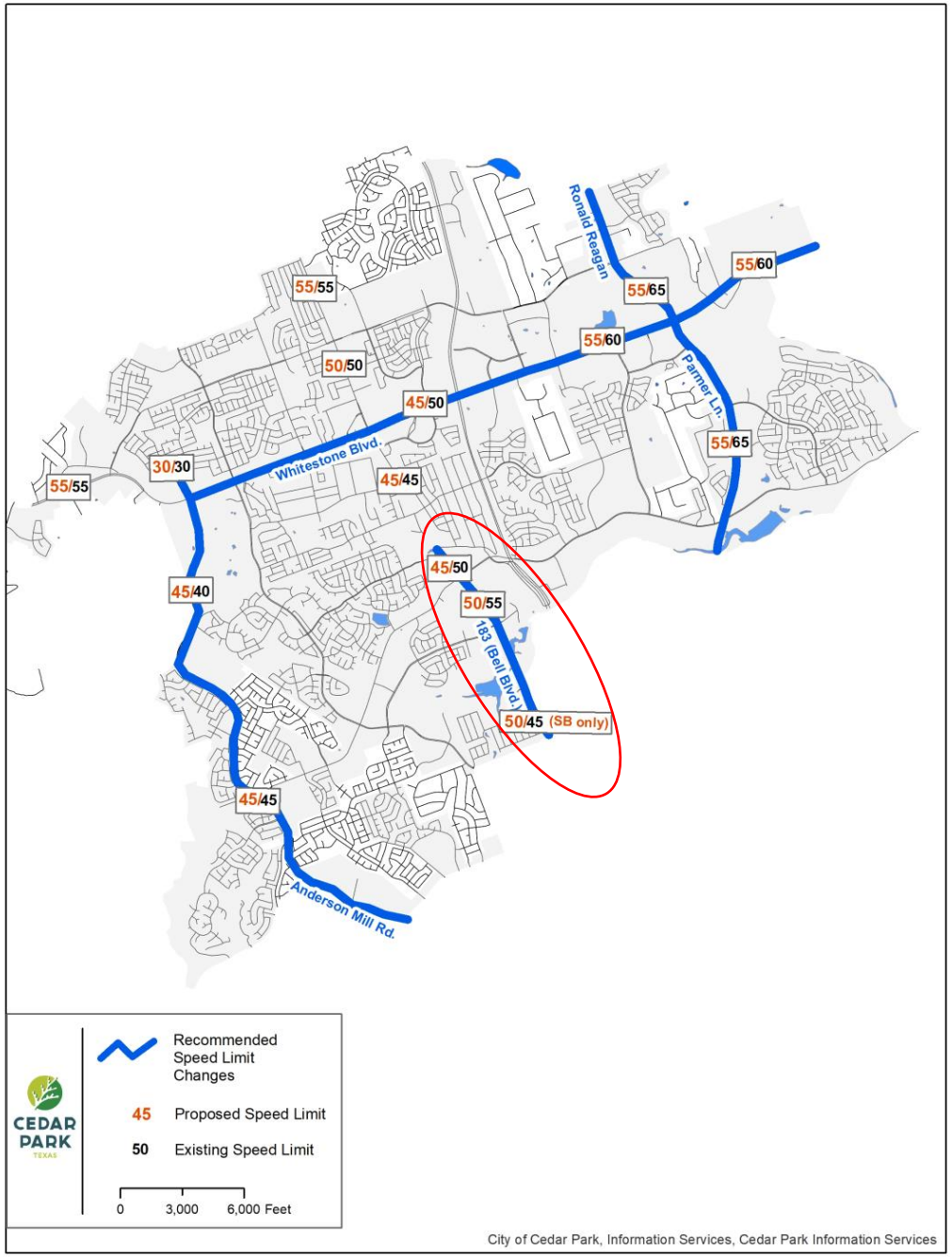
RM 1431 / Whitestone Boulevard

- Between Anderson Mill Road and Cottonwood Creek Trail
  - Amend to 45 miles per hour
  - Down from 50 miles per hour
- Between Cottonwood Creek Trail and Sam Bass Road
  - Amend to 55 miles per hour
  - Down from 60 miles per hour



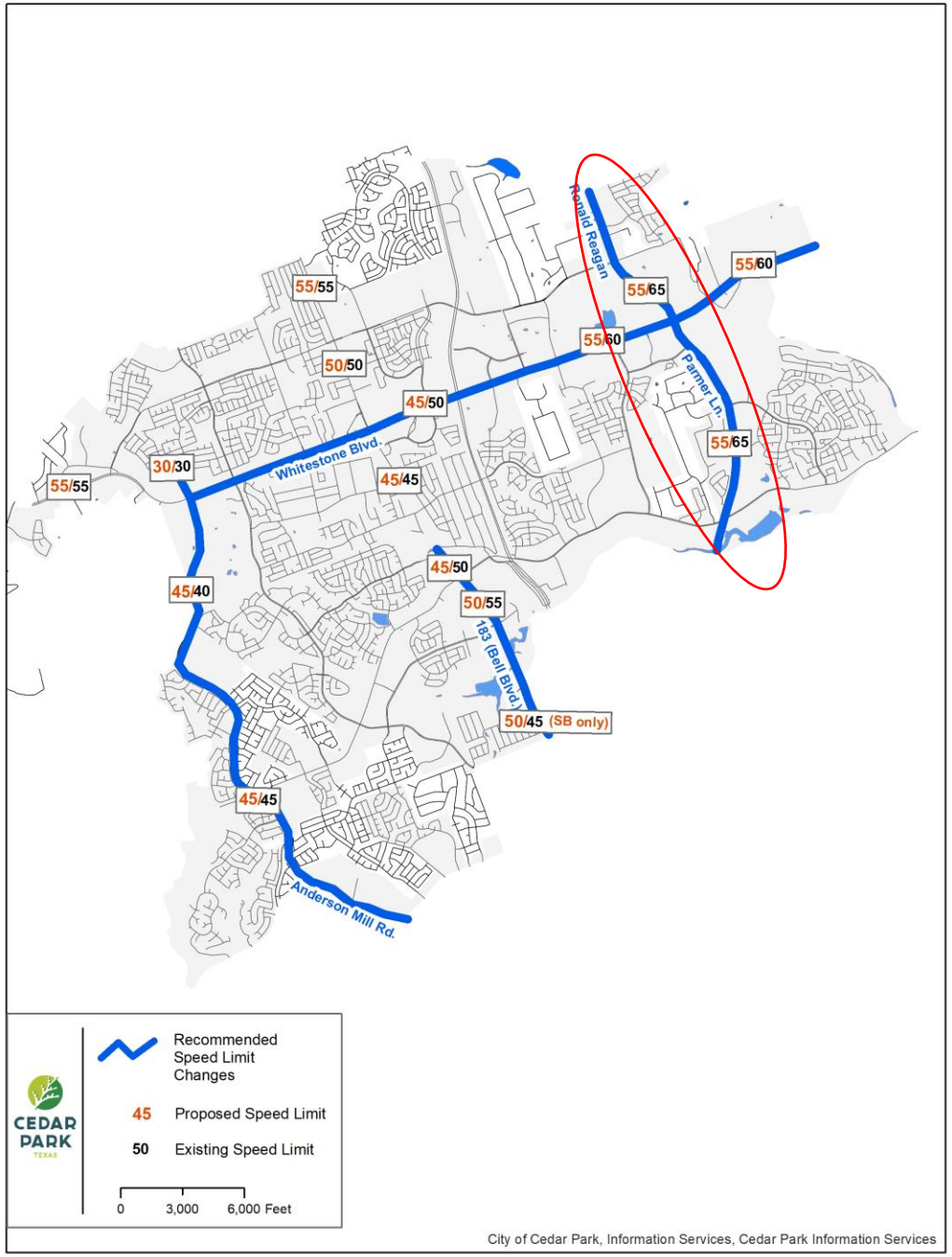
US 183/ Bell Boulevard

- Between Buttercup Creek Boulevard and Cypress Creek Road
  - Amend to 45 miles per hour
  - Down from 50 miles per hour
- Between Cypress Creek Road and Avery Ranch Road.
  - Amend to 50 miles per hour
  - Down from 55
- Between Avery Ranch Road and Lakeline Boulevard – southbound only
  - Establish at 50 miles per hour
  - Posted at 45 miles per hour



Parmer Lane (RM 734) / Ronald Reagan Boulevard

- Between South City Limit and RM 1431 / Whitestone Boulevard
  - Establish at 55 miles per hour
  - Posted at 65 miles per hour
- Between RM 1431 / Whitestone Boulevard and North City Limit
  - Amend to 55 miles per hour
  - Down from 65 miles per hour



Amend Section 17.03.004 to reflect the following revisions:

- Anderson Mill Road: Establish and Amend
  - FM 620 to Whitestone Blvd - 45 mph

- RM 1431 / Whitestone Boulevard: Amend
  - Anderson Mill Road to Cottonwood Creek Trail - 45 mph
  - Cottonwood Creek Trail to Sam Bass Road - 55 mph

- US 183 / Bell Boulevard: Amend
  - Buttercup Creek Road to Cypress Creek Road - 45 mph
  - Cypress Creek Road to Avery Ranch Road - 50 mph
  - Avery Ranch Road to Lakeline Blvd (southbound only) - 50 mph

- RM 734 / Parmer Lane & Ronald Reagan Boulevard: Establish and Amend
  - South City limit to North City limit - 55 mph

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