



## Study Goals & Key Elements

### Study Goals

This operational improvement study will work with area stakeholders to develop and analyze a range of improvements to reduce congestion and improve operational performance and safety of the Parker Road and Quincy Avenue intersection and the Quincy Avenue and Smoky Hill Road intersection and to identify low-cost near-term operational improvements.

### Key Elements

Key elements of the Parker Road/Quincy Avenue/Smoky Hill Road Intersection Improvement Study are to:

- Perform operational analysis of existing conditions
- Develop 2020 and 2040 traffic volume projections
- Develop and analyze operational improvement alternatives
- Perform an operational analysis of 2020 and 2040 traffic volume conditions
- Conduct an evaluation of potential pedestrian and bicycle treatments
- Identify potential constraining elements, such as utilities, drainage infrastructure, and right-of-way
- Screen alternatives to develop recommended improvements
- Generate a conceptual cost estimate for the recommended improvements