

US 82 SAFETY IMPROVEMENT FEASIBILITY STUDY

PARIS DISTRICT

STUDY PURPOSE

As part of the initial planning efforts to improve US 82 safety and mobility from the Cooke County line to the FM 1417 interchange in Grayson County, the Texas Department of Transportation (TxDOT) is conducting a US 82 Safety Improvement Feasibility Study. The scope of the study is to:

- Determine corridor crash rates, locations with high crash frequency and severity, prevalent crash types/contributing factors, and traffic capacity and mobility issues
- Establish the purpose and need for improving the US 82 study corridor
- Characterize the study corridor's environmental setting
- Develop transportation solutions at a planning level of detail to improve US 82 study corridor safety and mobility and evaluate their effectiveness, estimated costs, and potential impacts
- Incorporate stakeholder input throughout the study

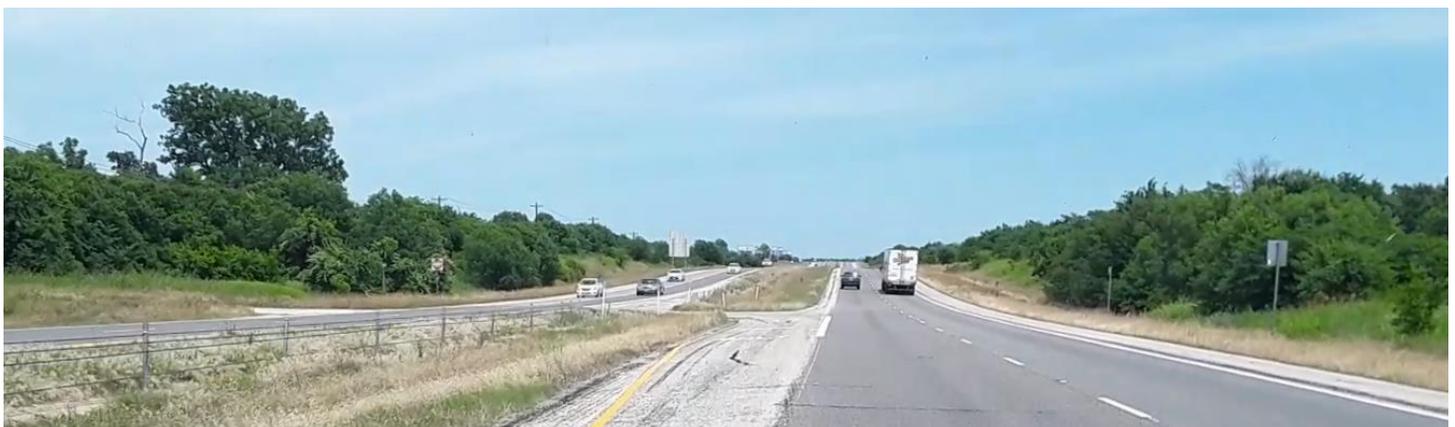


OVERVIEW

The 18-mile long US 82 study corridor, from the Cooke County Line to FM 1417 in Grayson County, experienced 445 crashes over a five-year period from 2014 to 2018. Approximately 22 percent of those crashes were severe, resulting in either a fatality or injury. This percentage of severe crashes is higher than the rural statewide average for similar type roadways. As a result, TxDOT is conducting this feasibility study to develop phased transportation solutions to improve US 82 study corridor safety and mobility. These solutions are intended to:

- ✓ Enhance corridor safety by making improvements to decrease the likelihood of crashes
- ✓ Improve localized intersection and interchange safety, mobility and operations
- ✓ Provide consistency with the Texas Freight Mobility Plan 2018 as this section of US 82 is identified as part of the Texas Highway Freight Network

The study is scheduled to be complete in January 2020, and at that time TxDOT will determine the next steps in advancing the phased transportation solutions into the project development process. It is important to note there is currently no funding to complete the design, right-of-way (ROW) acquisition and construction of the phased transportation solutions.



US 82 SAFETY IMPROVEMENT FEASIBILITY STUDY

PARIS DISTRICT

PHASED TRANSPORTATION SOLUTIONS

In collaboration with local stakeholders, phased initial, interim and ultimate proposed transportation solutions have been developed. The following provides a description of the proposed phased solutions to improve US 82 study corridor safety and mobility during the next 20 years:

Initial Proposed Transportation Solutions – May be advanced in the short-term during the next 10 years (e.g. lower cost, short duration construction):

- Add safety signage, adjust signal timing, add flashing beacons and safety lighting
- Re-stripe study corridor with 6” reflective pavement markings
- Mill, seal and overlay mainlanes from Cooke County line to FM 901
- Apply high friction surfacing to improve traction from FM 901 to east of Gibbons Road
- Replace bridge guardrail
- Implement roadway safety improvements:
 - Add acceleration, deceleration and auxiliary lanes, and extend left-turn lanes
 - Reconfigure ramps
 - Adjust median crossovers
 - Expand turn-around areas at certain median crossovers
 - Restrict intersecting roadway and driveway access to the US 82 mainlanes
 - Increase intersecting roadway turn radii
 - Extend two-way frontage road from US 377 to Shawnee Trail

Interim Proposed Transportation Solutions – May be advanced in the mid-term, potentially 10 to 20 years from now (e.g. transitional phase between initial and ultimate solutions):

- Extend two-way frontage road from Shawnee Trail to Riley Road
- Reconstruct ramps at FM 901 and convert two-way frontage roads to one-way
- Add grade-separated interchange at Southmayd Road
- Apply high friction surfacing to improve traction from the Cooke County line to FM 901 and from Gibbons Road to FM 1417

Ultimate Proposed Transportation Solutions – May be advanced in the long-term, potentially 20 or more years:

- Convert to an access-controlled freeway with grade-separated interchanges:
 - Improve existing grade-separated interchanges at SH 56, US 377, FM 901, SH 289 and FM 1417
 - Add new grade-separated interchanges at Noland/Riley Road, Spalding Road, Blythe/Hazelwood Road, Gibbons Road and Lamberth Road
- Convert two-way frontage roads to one-way and add other one-way frontage roads

US 82 SAFETY IMPROVEMENT FEASIBILITY STUDY INFORMATION

Details regarding the study can be found at the open houses and the study webpage at www.txdot.gov, keyword search “US 82 Grayson County”.

For more information please contact:

Aaron Bloom, P.E., TxDOT Sherman Area Engineer, at 903-892-6529 or Aaron.Bloom@txdot.gov

The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project is being, or has been, carried out by TxDOT pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated Dec. 16, 2014, and executed by FHWA and TxDOT.