

WHY IMPROVEMENTS ARE NEEDED

The TxDOT Waco District is studying roadway improvements along FM 107 from FM 2671/SH 236 in Coryell County to SH 317 in McLennan County to improve safety and mobility for local travelers by adding shoulders to the existing roadway. Lane width and shoulder width along FM 107 in this area do not meet current design standards.

PURPOSE AND NEED

The purpose and need of this project is to improve traffic flow and safety of the FM 107 corridor from FM 2671/SH 236 to SH 317. Per the TxDOT Roadway Design Manual, rural arterials should have lane widths of 12-feet to safely accommodate traffic. The current existing lanes are only 11-feet wide. Roadway widening accommodates larger trucks as well as keeping it easier for all drivers to maintain their lane and not cross into the opposing travel lane.

In addition to making the travel lanes safer, the existing 3-foot shoulders will be widened to 8-feet along FM 107 to improve safety. Increasing the width of the shoulders will provide an emergency parking area, lend lateral support to the pavement structure, provide a maneuvering area, and increase the sight distance of the horizontal curves.

PROPOSED IMPROVEMENTS

The proposed project improvements include rebuilding and widening FM 107 and adding shoulders to the existing roadway. The project length is approximately 6.5 miles. Currently FM 107 consists of two 11-foot lanes with 3-foot shoulders for a total of 28-feet of pavement width. The proposed FM 107 consists of two 12-foot lanes with 8-foot shoulders for a total of 40-feet of pavement width. The proposed right of way needed to make the shoulder widening improvements varies from 84 to 150 feet along the corridor. The approximate construction cost is \$22.5 million for the full project.

PROPOSED PROJECT DEVELOPMENT TIMELINE*



**timeline contingent on environmental decision, right-of-way acquisition and utility relocation*



For more information, visit the TxDOT website at www.txdot.gov and enter "FM 107 Waco" in the search area.

February 2021

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