



# **Finding of No Significant Impact for a FHWA Project**

**Proposed Action:** FM 2478

**Project Limits:** US 380 to North of FM 1461

**City:** City of McKinney  
and Town of Prosper

**County:** Collin

**State:** Texas

**TxDOT CSJ(s):** 2351-01-017, 2351-02-014

In accordance with 23 CFR Section 771.119 and Section 771.121, the Texas Department of Transportation (TxDOT) has determined that the FM 2478 project will not have a significant impact on the human or natural environment.

This Finding of No Significant Impact (FONSI) for the Preferred Alternative is based on the final Environmental Assessment (EA) dated September 2017 and the entire project record. This decision documents the selection of the Build Alternative, presented in the final EA as the Preferred Alternative, which is described as:

The Preferred Alternative would involve the expansion of the existing facility from a two-lane rural roadway to a six-lane urban, divided roadway. The Preferred Alternative follows the existing FM 2478 from US 380 to Rhea Mills Circle North. Approximately 0.54 mile of FM 2478 would be realigned/constructed on new location from Rhea Mills Circle North to FM 1461. The realigned section of the roadway would curve east and connect back to the existing FM 2478 at FM 1461. This proposed realignment would remove FM 2478's sharp 90-degree left and right-turns with its intersection at FM 1461.

The Preferred Alternative would consist of two 11-foot wide inside travel lanes and one 14-foot wide outside travel lane in each direction with two-foot wide inside and outside curb offsets, 22-foot wide outside borders, and a 16-foot wide raised median. The 22-foot wide outside borders would accommodate five-foot wide sidewalks. At various cross streets, the median would be reduced to accommodate a 10-foot wide left-turn lane, or 10-foot and 12-foot wide dual left-turn lanes and a 12-foot wide right-turn lane. A 22-foot wide connector road would be constructed approximately 1,600 feet south of where the realigned section of FM 2478 connects with existing FM 1461. This road would connect the realigned section of FM 2478 to the existing FM 2478. A 10-foot wide left-turn lane would allow northbound motorists on the realigned section of FM 2478 to access the connector road and existing FM 2478. The connector road would be constructed as part of the proposed project.

Construction of the proposed facility would be staged with the existing two-lane roadway first being expanded to four lanes. The proposed four-lane facility would consist of one 11-foot wide inside travel lane and one 14-foot wide outside travel lane in each direction with two-foot wide inside and outside curb offsets, 22-foot wide outside borders with five-foot wide sidewalks, and a 38-foot wide raised median. Expansion to the ultimate six-lane facility would occur at a later date. The Preferred Alternative would require approximately 36.8 acres of new ROW and 0.6 acre of permanent drainage easements.

A Notice of Availability of the draft EA was issued on April 30, 2017.

A public hearing for this project was held on May 30, 2017.

No changes to the EA were made as a result of comments received on the draft EA during the posted



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comment period or from comments made at the public hearing.

Public Hearing Documentation has been prepared and is available for review on request.

The final EA, Archeological Reconnaissance Survey Report, Hazardous Materials Initial Site Assessment, Historical Studies Survey Report, Biological Evaluation Form, Traffic Noise Technical Report, and reports contained in the file of record have been independently evaluated by TxDOT and determined to adequately and accurately discuss the need, purpose, alternatives, environmental issues, impacts of the proposed project, and appropriate mitigation measures. These documents provide sufficient evidence and analysis for determining that preparation of an Environmental Impact Statement is not required. These documents are incorporated by reference into this decisional document.

Based upon TxDOT's review and consideration of the analysis and evaluation contained in the EA for this project, and after careful consideration of all social, economic, and environmental factors, including input from the public involvement process, TxDOT hereby issues this Finding of No Significant Impact for the FM 2478 project from US 380 to north of FM 1461.

TxDOT will ensure adherence and completion of all project commitments described in the September 2017 final EA, Section V. TxDOT will ensure that any and all local, state, or federal permit requirements and conditions are met and otherwise complied with.

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

TxDOT Environmental Affairs Division Director

9/22/17

Date