



**PUBLIC MEETING – POWERPOINT NARRATION**  
**FM 407 FEASIBILITY STUDY**  
**FROM US 81/US 287 TO BILL COOK ROAD**  
**WISE AND DENTON COUNTIES**  
**CSJs: 1568-02-013 & 1568-01-016**

**SLIDE 1 – Title Slide and Study Location**

Welcome to the May 19, 2022 Public Meeting for the FM 407 Feasibility Study presented by the Texas Department of Transportation. We appreciate your interest in the FM 407 Feasibility Study and welcome each of you.

Please note you may pause this presentation at any point to allow more time to view the slides.

**SLIDE 2 – Study Location**

This Meeting has been convened by the Department’s Dallas District Office and is being held to receive and consider comments from the public regarding the FM 407 Feasibility Study.

The approximately 7.7-miles long corridor and Study Area is located in Wise and Denton Counties as noted in orange on the Study Location Map and spans from US 81/US 287 in the City of New Fairview eastward to Bill Cook Road in the City of Justin.

**SLIDE 3 – Feasibility Study Need and Purpose**

This study is needed because the existing FM 407 within the study limits does not meet current design standards, and does not adequately accommodate current or forecasted traffic volumes, which results in traffic congestion and reduced mobility.

The purpose of this Feasibility Study is to identify, evaluate and recommend solutions to improve travel conditions along FM 407, including improving roadway operations;

providing a safer, more efficient means to travel through the area; increasing mobility, including pedestrian and bicycle accommodations; and adding travel lane capacity.

#### **SLIDE 4 – Feasibility Study Process**

There are several steps in the Feasibility Study process. Today we are conducting **Step 2** of the Study process.

**Step 2** presents the No Build and Build Alternatives for public review and comment during this Public Meeting.

**Step 3** prepares a Recommended Alternative which factors in public meeting comments.

**Step 4** presents the Recommended Alternative for public review and comment during the final Public Meeting.

**Step 5** concludes the study with the production of an FM 407 Feasibility Study Report. After the study is completed, the next step will be FM 407 Roadway Schematic Design, Environmental Analyses, and further Public Involvement to determine the specific FM 407 roadway design and right of way dimensions.

#### **SLIDE 5 – Alternative Solutions Exploration**

When conducting an alternatives analysis, the No Build Alternative is compared to various Build Alternatives. Under the No Build Alternative, no improvements to FM 407 would occur; however, improvements to other roadways in the D/FW region would continue as planned.

All of the Build Alternatives have the same goals, including adequate mobility for motorists, bicyclists, and pedestrians, addressing safety issues, and minimizing environmental impacts.

The Build and No-Build Alternative evaluation and comparison process involves travel demand evaluations along FM 407 factoring in forecasted design year 2045 traffic volumes, traffic safety evaluations including crash history locations, minimization of impacts, and municipality and stakeholder agency coordination.

#### **SLIDE 6 – Existing Roadway**

The existing FM 407 typical roadway section within the study limits consists of one 11 to 12-foot wide travel lane in each direction with adjacent 2 to 3-foot wide shoulders, no center median, and side ditch drainage.

The existing FM 407 right-of-way width varies along the corridor, but is overall approximately 80 to 90 feet wide.

The proposed FM 407 would consist of three 12-foot wide lanes in each direction and an 18-foot wide curbed median, which accommodates 12-foot wide left turn lanes. The overall proposed right-of-way width would be approximately 140-feet wide and the recommended roadway drainage would be curb and gutter. A sidewalk or a shared-use path would be located along one side of the roadway and a shared-use path would be located along the other side.

#### **SLIDE 7 – Environmental Constraints Map**

Part of the Build Alternative analysis involves identifying environmental features that could potentially be impacted by various Build Alternatives. An Environmental Constraints Map is prepared to help the designer avoid environmental features or minimize impacts to them. These features include businesses and residences,

cemeteries, floodplains and streams, hazardous materials facilities, historic structures, houses of worship, public facilities, and vegetation.

### **SLIDE 8 – Feasibility Study Timeline and “Next Steps” after the Study**

Based on the comments received from today’s public meeting, the design team will prepare a Recommended Alternative. It is anticipated the Recommended Alternative would be completed in the Fall of 2022 and would be available for public review and comment at the final public meeting, which is anticipated for late Fall/early Winter of 2022. The final study is forecasted to be completed in the Spring of 2023.

Please note the listed dates are subject to change.

After the completion of this study, the Department forecasts these Next Step phases as outlined on the screen.

### **SLIDE 9 – Public Comments**

All public comments received during this meeting will be fully considered and responded to in the FM 407 Public Meeting record and made part of the final documentation for this FM 407 Study. This documentation will then be made available for public review and copying on the Public Meeting website.

Your comments may be provided online, or by mail, email, or voicemail as shown on the screen.

Comments must be received or postmarked on or before **Friday, June 3, 2022** to be included in the documentation for this Virtual Public Meeting.

### **SLIDE 10 – “Thank You for your Interest”**

We sincerely appreciate your interest in the FM 407 Feasibility Study. Your questions, comments and concerns will receive careful consideration.