



TEXAS DEPARTMENT OF TRANSPORTATION

WELCOME

TO THE PROPOSED FM 518 ROADWAY WIDENING PROJECT VIRTUAL PUBLIC MEETING WITH IN-PERSON OPTION FROM FM 865 (CULLEN BLVD) TO SH 35

Virtual Public Meeting: April 26, 2022 to May 13, 2022

In-Person Public Meeting: April 28, 2022

Why Am I Here?

- **Learn** about the proposed project
- **Review** the proposed improvements
- **Submit** comments

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 a Memorandum of Understanding dated December 9, 2019, and executed by FHWA and TxDOT.



FM 518 Project Overview

Location

Brazoria County

Limits

FM 865 (Cullen Blvd) to SH 35
(eastern portion of original design)

Project Length

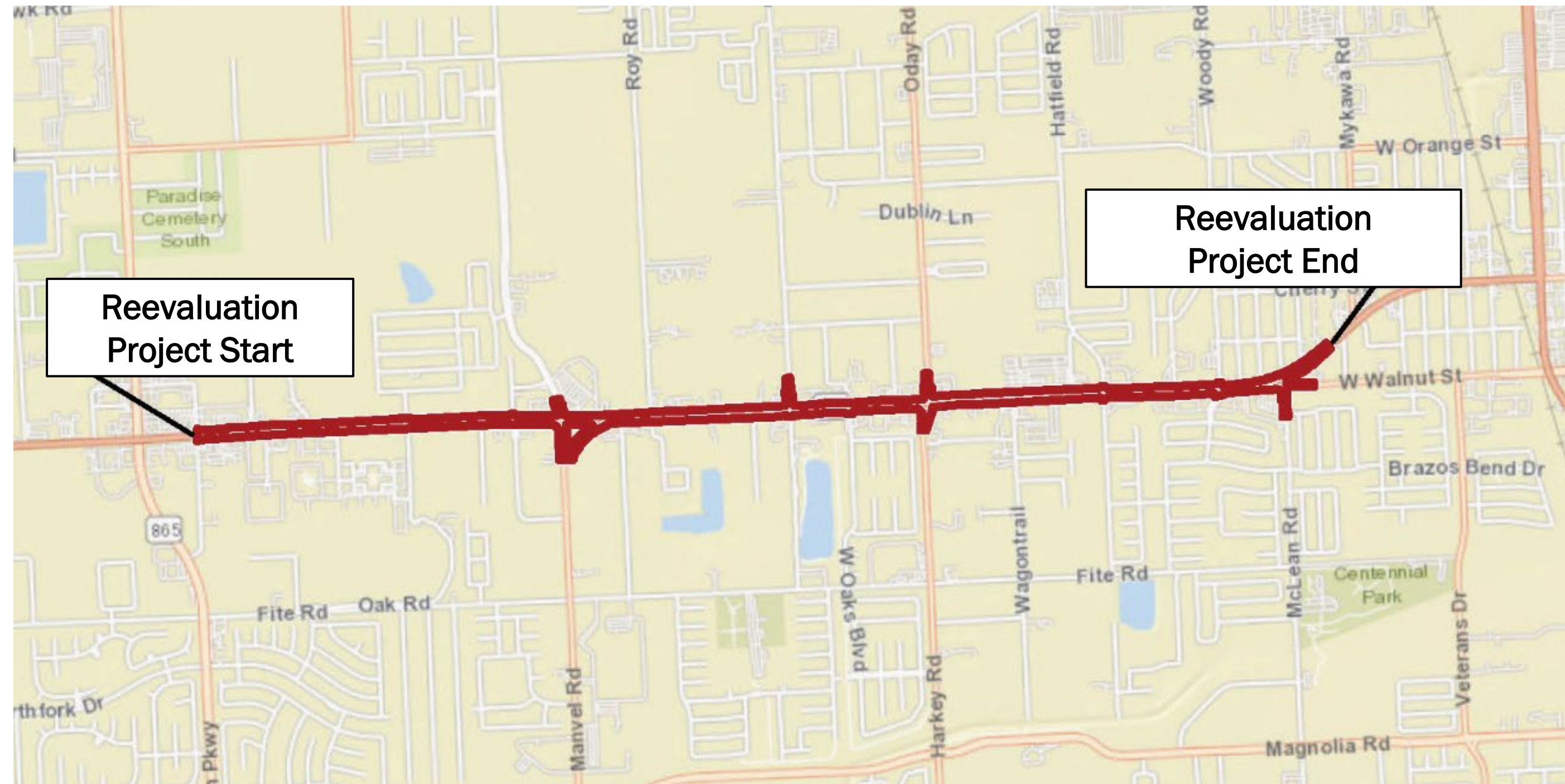
4 miles

Existing Right-of-Way Width

100 feet

Existing Roadway

Four-lane undivided roadway
with a continuous 13-foot flush
median with left turn lanes



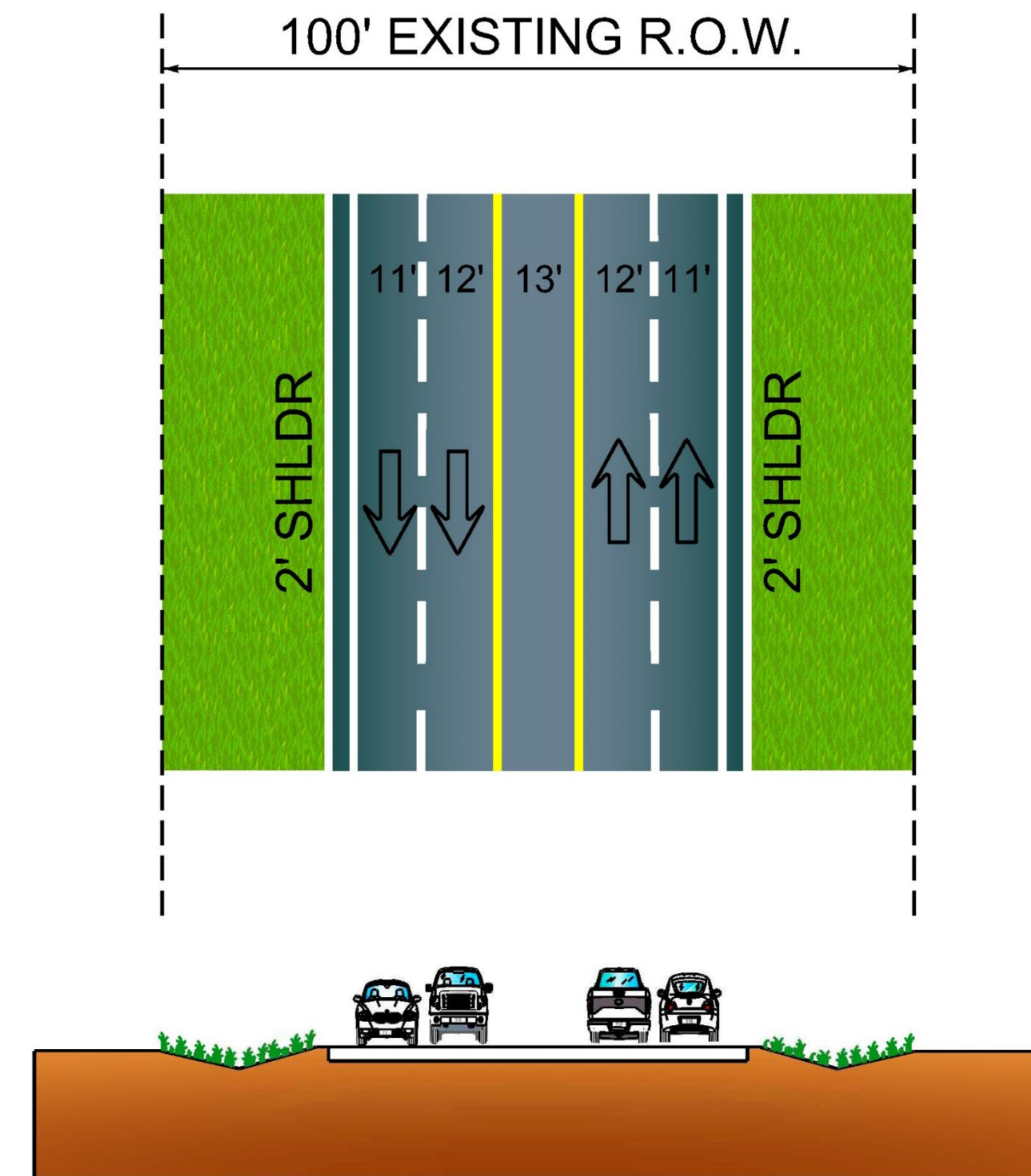
What Are The Issues? Roadway Needs

- Current and projected growth in the area has caused traffic demand to increase
- Additional raised medians are needed to complete the existing access management system which would reduce crash rates

What Are We Trying To Do? Proposed Project Purpose

- The project would accommodate future anticipated traffic demand and growth in the region
- The project would improve safety and mobility by constructing a divided roadway with raised medians

- Four lanes, two in each direction,
- 11-foot-wide outside lanes
- 12-foot-wide inside lanes
- 13-foot-wide continuous flush median with left turn lanes
- 2-foot-wide outside shoulders
- Open vegetated ditches or swales in non-developed areas
- Sidewalks in non-contiguous portions on both sides of the existing roadway. Sidewalks are generally abutting or outside of the existing right of way
- Approximate right of way width – 100 feet



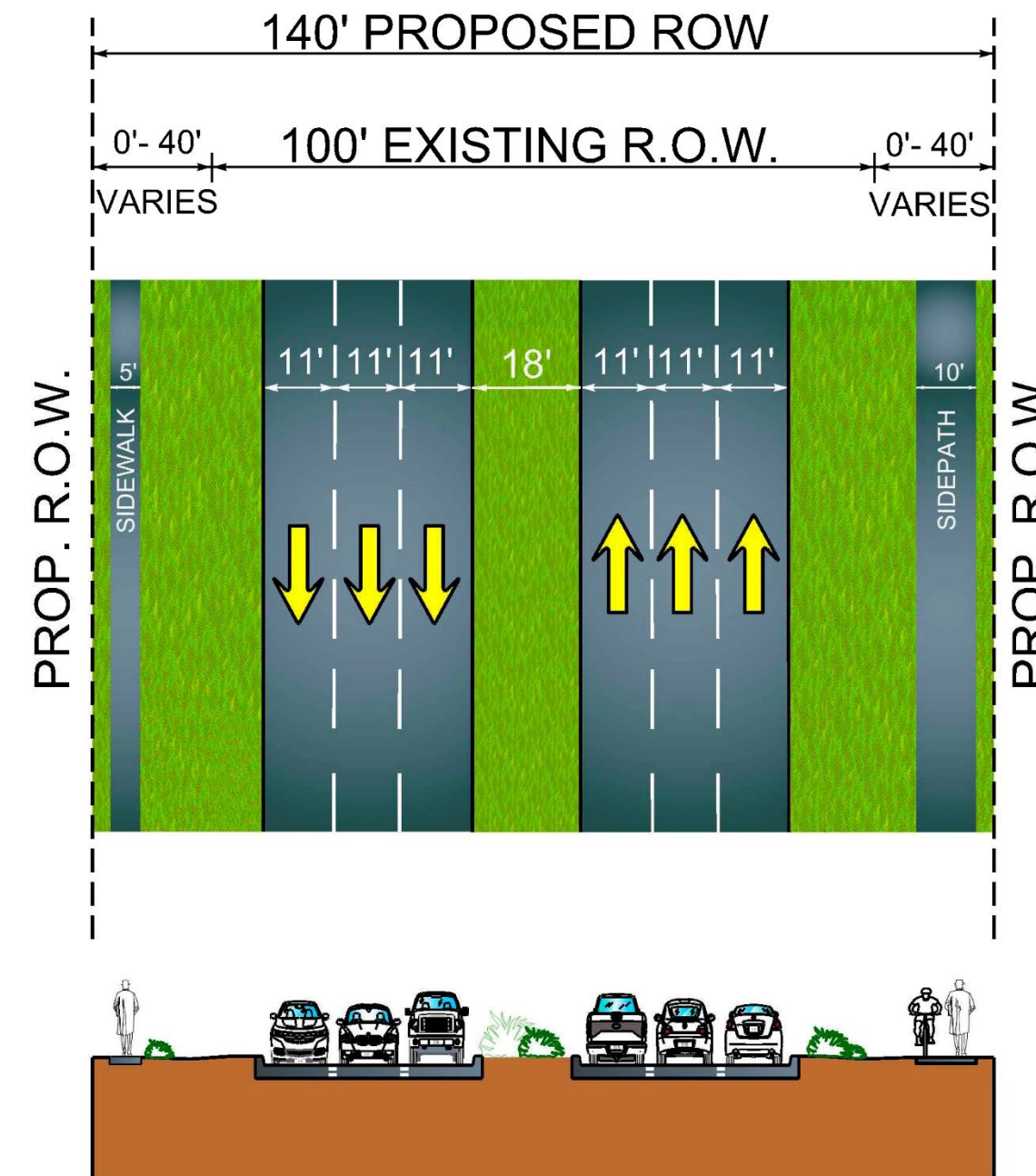
**EXISTING FM 518 TYPICAL SECTION
FM 865 (CULLEN BLVD) TO SH 35**



Proposed Design Changes - Why Is The Reevaluation Needed?

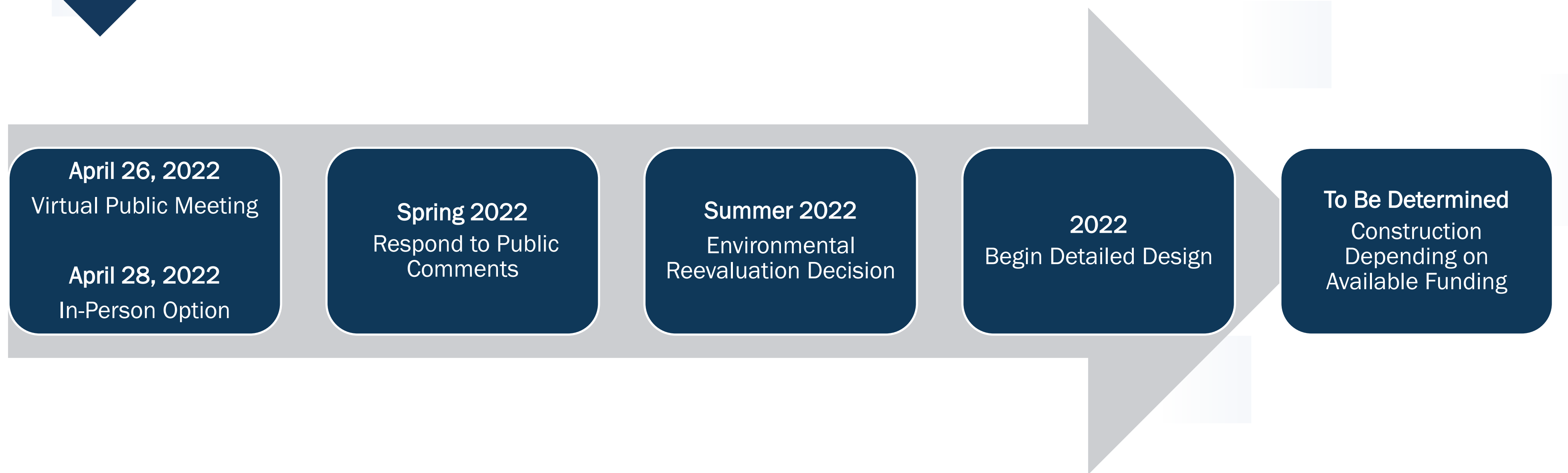
Original Design	Proposed Design Changes
150-foot proposed right-of-way width	140-foot proposed right-of-way width
Two 12-foot-wide lanes One 15-foot-wide outside shared lane for bicycles and cars	Three 11-foot-wide lanes
5-foot-wide sidewalks on both sides of the roadway	5-foot-wide sidewalk on the north side 10-foot-wide sidepath on the south side
16.7 acres proposed right-of-way	13.5 acres proposed right-of-way
154 parcels impacted	63 parcels impacted
14 potential displacements	19 potential displacements
Impacted both sides of FM 518	Adjusted the roadway alignment to impact one side at a time

- Three lanes in each direction
- 11-foot-wide travel lanes
- 18-foot-wide raised median
- 5-foot-wide sidewalk on the north side of FM 518
- 10-foot-wide sidepath on the south side of FM 518
- Curb and gutter underground storm water system with open vegetated ditches
- Proposed right of way width varies from 100 to 140-feet
- Lane configurations vary along the project limits to accommodate turning movements at various intersections and driveways



PROPOSED FM 518 TYPICAL SECTION
FM 865 (CULLEN BLVD) TO SH 35

WE ARE HERE





FM 518 Virtual Public Meeting Comments

All comments must be received or postmarked by May 13, 2022.

Comments can be provided by:

Comment Card

Download the comment card from the website, fill it out and email or mail it to TxDOT

Email

Submit to:
HOU-piowebmail@txdot.gov

Mail

TxDOT Houston District Office
Advanced Project
Development Director
P.O. Box 1386
Houston, TX 77251

Online

www.txdot.gov

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