



Finding of No Significant Impact for a FHWA Project

Proposed Action: FM 518

Project Limits: From SH 288 to SH 35

City: Pearland

County: Brazoria

State: Texas

TxDOT CSJ(s): 0976-02-086 and 3416-01-012

In accordance with 23 CFR Section 771.119 and Section 771.121, the Texas Department of Transportation (TxDOT) has determined that the FM 518 project, widening from a four-lane facility to a six-lane divided facility with curb and gutter, 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 February 2020 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 reconstruct and widen the existing roadway from two lanes in each direction to three lanes in each direction. The typical section would include two 12-foot-wide travel lanes and one 15-foot-wide outside travel lane (in each direction), a typical 18-foot raised median, and 5-foot-wide sidewalks on both sides of the roadway. The project would convert the open ditches to a curb-and-gutter drainage system. The Preferred Alternative would require approximately 25 acres of additional right-of-way. The proposed right-of-way within this section would be approximately 150 feet. The lane configurations (e.g. number of lanes) vary along the project limits to accommodate turning movements at various intersections and driveways. Improvements to cross streets (Walnut Street, Halbert Drive, and McLean Road) at the eastern project terminus are also proposed. The construction limits extend from SH 288 to approximately 0.75 mile west of SH 35 between McLean Road and Johnston Street. This construction limit was chosen in order to avoid potential significant historic impacts through downtown Pearland.

A Notice of Availability of the draft EA was issued on February 27, 2019.

A public hearing for this project was held on March 26, 2019.

No changes to the draft EA were made as a result of comments received on the draft EA during the posted 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 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 518 added capacity project from SH 288 to SH 35.



Finding of No Significant Impact for a FHWA Project

TxDOT will ensure adherence and completion of all project commitments described in the final EA February 2020, Section 8.0. 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 9, 2019, and executed by FHWA and TxDOT.

TxDOT Environmental Affairs Division Director

Date

2045 RTP PROJECTS LIST BY COUNTY

Updated 10/25/2019

MPOID/ CSJ	County	Sponsor*	Facility	From	To	Description	Length (mi)	Main Lanes	Frontage Lanes	Fiscal Year	Analysis Year*	Total Project Cost (M, YOY)
17086 0912-31-310	Brazoria	TXDOT HOUSTON DISTRICT	FM 1462, FM 2403, FM 2917, FM 762, SH 332, FM 521, FM 2004, FM 523, FM 528	VA	VA	CONSTRUCT BRAZORIA COUNTY BICYCLE LOOP BY WIDENING SHOULDERS, MODIFYING TRAFFIC SIGNALS AND REMOVING SOME RAISED MEDIANS	80.0	n/a	n/a	2020	EXEMPT	\$ 5.10
18505 0587-01-067	Brazoria	TXDOT HOUSTON DISTRICT	FM 1495	FM 523	N OF BRAZOS RIVER BRIDGE	WIDEN FROM 2 TO 4 LANES	1.1	(2,4)	n/a	2026	NRS	\$ 10.00
669	Brazoria	BRAZORIA COUNTY	FM 2351	SH 35	GALVESTON C/L	RECONSTRUCT AND WIDEN FROM 2 TO 4-LANES DIVIDED RURAL SECTION	2.3	(2,4)	n/a	2020	NRS	\$ 3.30
16320 1002-01-006	Brazoria	TXDOT HOUSTON DISTRICT	FM 517	GALVESTON COUNTY LINE	SH 35	WIDEN FROM 2 TO 4 LANES WITH CURB AND GUTTER. INSTALL ACCESS MANAGEMENT TREATMENTS INCLUDING 18-FOOT-WIDE RAISED MEDIAN WITH TURN LANES. THE FACILITY WOULD ALSO HAVE 14-FOOT-WIDE SHOULDERS AND 5-FOOT-WIDE SIDEWALKS ON BOTH SIDES OF THE ROADWAY.	1.0	(2,4)	n/a	2025	NRS	\$ 23.64
10132 3416-01-012	Brazoria	TXDOT HOUSTON DISTRICT	FM 518	SH 288	FM 865	RECONSTRUCT AND WIDEN FROM 4 AND 6 LANES TO 6 LANES DIVIDED	2.2	(4,6)	n/a	2023	2030	\$ 40.55
10133 0976-02-086	Brazoria	TXDOT HOUSTON DISTRICT	FM 518	FM 865	SH 35	WIDEN FROM 4 TO 6 LANES	4.0	(4,6)	n/a	2024	2030	\$ 76.38

*Analysis Year - NRS, EREA, and EXEMPT are exempt from conformity or are not considered regionally significant under H-GAC regional emissions analysis.

*Sponsor - HCTTF are projects recommended by High Capacity Transit Task Force and not included in METRONext.

APPENDIX D -- 2045 RTP, PROJECTS UNDERGOING ENVIRONMENTAL ASSESSMENT

Updated 10/25/2019

MPOID/ CSJ	County	Sponsor*	Facility	From	To	Description	Length (mi)	Fiscal Year
7564 1414-02-016	Brazoria	TXDOT HOUSTON DISTRICT	FM 528	BS 35/GORDON ST	SH 6	CONSTRUCT TWO LANE NEW LOCATION ROADWAY WITH RAILROAD GRADE SEPARATION	1.1	2023
7619 0598-02-119	Brazoria	CITY OF PEARLAND	SH 288	FM 518	CR 59	CONSTRUCT NEW 2-LANES NORTHBOUND FRONTAGE ROAD	1.0	2020
7630	Brazoria	CITY OF PEARLAND	PEARLAND PKWY	DIXIE FARM RD	FM 2351	CONSTRUCT 4-LANES DIVIDED ON NEW LOCATION	1.8	2026
7641 0912-00-560	Brazoria	CITY OF PEARLAND	CLEAR CREEK TRAIL	UH CLEAR LAKE PEARLAND CAMPUS	N OF HUGHES RD	CONSTRUCT 10 FT MULTIUSE TRAIL	2.0	2022
8088 3510-02-003	Brazoria	TXDOT HOUSTON DISTRICT	SH 99	AT SH 35		CONSTRUCT 2 DIRECT CONNECTORS (TOLL) (WB - NB, SB - EB)	0.5	2026
10132 3416-01-012	Brazoria	TXDOT HOUSTON DISTRICT	FM 518	SH 288	FM 865	RECONSTRUCT AND WIDEN FROM 4 AND 6 LANES TO 6 LANES DIVIDED	2.2	2023
10133 0976-02-086	Brazoria	TXDOT HOUSTON DISTRICT	FM 518	FM 865	SH 35	WIDEN FROM 4 TO 6 LANES	4.0	2024
10555	Brazoria	CITY OF ALVIN	FM 528	DAVIS BEND RD	FM 1462	EXTEND 2-LANE ROADWAY ON NEW LOCATION	3.7	2022

*Analysis Year - NRS, EREA, and EXEMPT are exempt from conformity or are not considered regionally significant under H-GAC regional emissions analysis.

*Sponsor - HCTTF are projects recommended by High Capacity Transit Task Force and not included in METRONext.



November 22, 2019

Transmitted Via E-mail

Mrs. Barbara C. Maley, AICP
Env/Tranp Plan Coord & Air Quality Specialist
Barbara.Maley@dot.gov

Re: Request for Project-Level Conformity Determination
Brazoria County
CSJ 0976-02-086; 3416-01-012
FM 518: From SH 288 to SH 35

Dear Mrs. Maley:

Attached is the copy of the Transportation Conformity Report Form for your review and concurrence.

A project-level conformity determination is requested from you. If you have any questions regarding this project, please contact me at (512) 416-2659.

Sincerely,

DocuSigned by:
Timothy Wood
C9CB724D35CE4BD

Tim Wood
Air Specialist
Environmental Affairs Division

Attachment(s)



Transportation Conformity Report Form

TxDOT ENV Transportation Conformity Validation Complete:

Project CSJ Numbers: 0976-02-086; 3416-01-012

Signature DocuSigned by:
Timothy Wood
C9CB724D35CE4BD.. _____

Name: Timothy Wood
Title: Environmental Specialist
Date: 11/22/2019

FHWA/FTA Determination of the Project-level Conformity:

Signature **BARBARA C MALEY** Digitally signed by BARBARA C
MALEY
Date: 2019.11.26 10:13:24 -06'00' _____

Name:
Title: Air Quality Specialist and Transportation Planner
Date: