



Waco Metropolitan Planning Organization

Unified Planning Work Program For The Waco Metropolitan Planning Organization

Fiscal Years 2020 & 2021
October 1, 2019 to September 30, 2021

Amendment Two
Adopted April 15, 2021

Submitted By

The Waco Metropolitan Planning Organization
Prepared In Cooperation With
The Member Governments Of

Bellmead
Beverly Hills
Bruceville-Eddy
Crawford
Gholson
Golinda
Hallsburg
Hewitt
Lacy-Lakeview
Leroy
Lorena

Mart
McGregor
Moody
Riesel
Robinson
Ross
Waco
West
Woodway
McLennan County

and

The Heart of Texas Council of Governments
Texas Department of Transportation
US Department of Transportation
Federal Highway Administration
Federal Transit Administration

The contents of this document reflect the views of the authors who are responsible for the opinions, findings and conclusions presented herein. The contents do not necessarily reflect the views or policies of the Federal Highway Administration, Federal Transit Administration or the Texas Department of Transportation.

VI. TASK 5.0 – SPECIAL STUDIES

A. OBJECTIVE

To provide objective, thorough, and innovative solutions for meeting current and future transportation needs in the Metropolitan Study Area and to provide current analysis and data which assists in updating the Transportation Plan.

B. EXPECTED PRODUCTS

1. Complete work on a Study to Realign the Waco Transit System Fixed Route System.

C. PREVIOUS WORK

1. Completed work on the Waco Transit System Rapid Transit Corridor Feasibility study
2. Completed work on the McLennan County Transit Need Study

D. SUBTASKS

5.1 Waco Transit System Fixed Route Realignment Study – MPO, Waco Transit System, City of Waco, Consultant, TxDOT

Waco Transit System, with the assistance of consultants and MPO staff, will conduct a study to redesign the urban fixed route system with the goals of increasing service frequency and reducing travel times. The study will consider 3 possible scenarios and provide alignment recommendations for each:

- Scenario 1: A Bus Rapid Transit service utilizing the Locally Preferred Alternative Alignment identified within the Bus Rapid Transit Feasibility Study and operating on 15-minute headways
- Scenario 2: A limited stop fixed route service utilizing the aforementioned Locally Preferred Alternative Alignment, operating on 30-minute headways
- Scenario 3: A complete realignment of existing routes with no assumption of an enhanced service operating along the Locally Preferred Alignment

In addition to recommending new fixed route alignments, this study is to accomplish the following tasks: 1.) Provide recommendations to transition from a flag stop system to a dedicated stop system along with identifying infrastructure needs to meet ADA accessibility requirements; 2.) Analyze new route and stop recommendations to ensure that access to proposed fixed routes by transit dependent populations are at least as good as the current system; 3.) Analyze anticipated ridership of the proposed new fixed routes and stops to determine best combination of ridership and reduced travel times.

E. FUNDING SUMMARY – TASK 5

Subtask	Responsible Agency	Transportation Planning Funds (TPF) ¹		FTA Section 5307		Local		Total
		FY 20	FY 21	FY 20	FY 21	FY 20	FY 21	
5.1	MPO, Consultant, TxDOT	\$0	\$112,500	\$0	\$150,000	\$0	\$37,500	\$300,000
Total		\$0	\$112,500	\$0	\$150,000	\$0	\$37,500	\$300,000

TxDOT will apply transportation development credits sufficient to provide the match for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor man-hours, they are not reflected in the funding tables.

(1) TPF – This includes both FHWA PL-112 and FTA Section 5303 funds

BUDGET SUMMARY

FISCAL YEAR 2020 URBAN TRANSPORTATION STUDY

UPWP Task	FTA Task	Description	TPF ¹ Funds	FTA Sec 5307	Local Funds	Total Funds
1.0	44.21.00	Administration-Management	\$101,000	\$0	\$0	\$101,000
2.0	44.22.00	Data Development and Maintenance	\$115,000	\$0	\$0	\$115,000
3.0	44.24.00 44.25.00	Short Range Planning	\$123,000	\$118,000	\$29,500	\$270,500
4.0	44.23.01	Metropolitan Transportation Plan	\$148,500	\$0	\$0	\$148,500
5.0	44.22.00	Special Studies	\$0	\$0	\$0	\$0
FY 2020 Total			\$487,500	\$118,000	\$29,500	\$635,000

FISCAL YEAR 2021 URBAN TRANSPORTATION STUDY

UPWP Task	FTA Task	Description	TPF ¹ Funds	FTA Sec 5307	Local Funds	Total Funds
1.0	44.21.00	Administration-Management	\$102,000	\$0	\$0	\$102,000
2.0	44.22.00	Data Development and Maintenance	\$136,000	\$0	\$0	\$136,000
3.0	44.24.00 44.25.00	Short Range Planning	\$141,000	\$118,000	\$29,500	\$288,500
4.0	44.23.01	Metropolitan Transportation Plan	\$121,500	\$0	\$0	\$121,500
5.0	44.22.00	Special Studies	\$112,500	\$150,000	\$37,500	\$300,000
FY 2021 Total			\$613,000	\$268,000	\$67,000	\$948,000

TABLE 1 – FISCAL YEAR 2020 & 2021 TOTAL: URBAN TRANSPORTATION STUDY

UPWP Task	FTA Task	Description	TPF ¹ Funds	FTA Sec 5307	Local Funds	Total Funds
1.0	44.21.00	Administration-Management	\$203,000	\$0	\$0	\$203,000
2.0	44.22.00	Data Development and Maintenance	\$251,000	\$0	\$0	\$251,000
3.0	44.24.00 44.25.00	Short Range Planning	\$264,000	\$236,000	\$59,000	\$559,000
4.0	44.23.01	Metropolitan Transportation Plan	\$270,000	\$0	\$0	\$270,000
5.0	44.22.00	Special Studies	\$112,500	\$150,000	\$37,500	\$300,000
FY 2020 / 2021 Total			\$1,100,500	\$386,000	\$96,500	\$1,583,000

¹TRANSPORTATION PLANNING FUNDS

FHWA (PL-112) ²	\$563,538	
FTA Section 5303 (Sect. 8) ²	\$172,448	
	Estimated Unexpended Carryover	\$364,514
	TOTAL TPF	\$1,100,500

²Estimate based on prior years authorizations

By minute order, the Texas Transportation Commission authorizes the use of transportation development credits as TxDOT's non-Federal share for FHWA (PL-112) and FTA 5303 funds.