



The Transportation Improvement Program

Waco Urbanized Area For
Fiscal Years 2021 Through 2024

Amendment 4 (Administrative) – June 30, 2021

Prepared by the Waco Metropolitan Planning Organization in Cooperation with the Federal Highway Administration, Federal Transit Administration and the Texas Department of Transportation



Waco Metropolitan Planning Organization

Purpose for Amendment 4 (Administrative)

1.1 Background

Summary of Previous Amendments to the 2021-2024 TIP

The 2021-2024 Transportation Improvement Program (TIP) was adopted by the MPO Policy Board on June 18, 2020. The adopted TIP programmed approximately \$130 million in highway projects for the 4-year time period.

In August 2020, TxDOT's Transportation Planning and Programming Division (TP&P) informed MPO staff that the Statewide TIP was overprogrammed by several billion dollars in highway projects. TP&P requested the Waco MPO reduce highway expenditures within TxDOT Category 2 to \$50 million over the 4-year time period in order to remain fiscally constrained (a reduction of \$70 million in Category 2 availability for the duration of this TIP). In response, the Policy Board directed MPO staff to amend the 2021-2024 TIP to only include \$68.4 million in highway projects for the 4-year time period (a reduction of \$61.6 million). In October 2020, TxDOT TP&P instructed the Waco MPO to adhere to the requested \$70 million reduction. As a result, an additional \$18.4 million in projects were removed from the 2021-2024 TIP, and the Policy Board adopted Amendment 1 to the 2021-2024 TIP on January 21, 2021, which programmed \$53.3 million in highway projects for the required 4-year time period.

In April 2021, the City of Waco received an award of \$43,976.374 in federal funds from TxDOT as part of the Transportation Alternatives Set Aside program (TA) to construct two bicycle / pedestrian projects in fiscal years 2023 and 2024. The City of Waco will contribute the required additional 20% non-federal match plus the engineering work which is either already complete or underway. Amendment 2 to the 2021-2024 TIP was approved by the MPO Policy Board on June 17, 2021, which authorized the use of these federal dollars by the MPO to proceed with construction.

In May 2021, the Federal Highway Administration (FHWA) requested additional description of how TIP projects would assist the region in achieving various federally required performance targets. In response, MPO staff took analysis performed from the 2045 Metropolitan Transportation Plan and created Appendix G for the TIP, representing Amendment 3 (Administrative).

Purpose for Amendment 4 (Administrative)

In late June 2021, the TxDOT Waco District Headquarters instructed the Waco MPO that a Letting Schedule Modification (LSM) and an additional \$1.9 million in Category 2 funds were approved by the by the Finance and TP&P Divisions of TxDOT for project development of a State Highway 6 project currently programmed in the 2021-2024 TIP, informally referred to as the "Mall to Mall" project.

Development of the "Mall to Mall" project has been a high priority for the Waco MPO Policy Board for many years. Although funding was insufficient to offer an incentive to expedite construction of the "Mall to Mall" project in January 2020 when the 2021-2024 was adopted, the Waco MPO Policy Board had approved support for such an incentive should

funding become available prior to contract award. Approval of the LSM and additional Category 2 funding demonstrates continued efforts by the TxDOT Waco District Headquarters to implement this project as quickly as possible with construction incentives. TxDOT will now let the construction contract in late FY 2021 and “delay” the start of construction to FY 2022. In effect, the project will now let during the summer of 2021, earlier than planned, so that construction may begin earlier in the fall of 2021. This administrative amendment identifies necessary changes in project programming as a result to these project modifications.

Amendment 2, approved by the MPO Policy Board on June 17, 2021, programmed \$43,976,374 in federal funds from TxDOT as part of the Transportation Alternatives Set Aside program (TA), as well as 20% non-federal match provided by the City of Waco, to construct two bicycle / pedestrian projects in the City of Waco during fiscal years 2023 and 2024. On June 28, 2021, the TP&P Division of TxDOT informed the MPO of refined engineering and construction cost estimates for the two projects. While this does not change the total project costs or the amount of federal funding authorized for construction, this administrative amendment updates the TIP to be consistent with TxDOT’s recommended revisions to engineering and construction cost estimates.

1.2 Project Selection

Changes to projects identified within this administrative amendment are intended to reflect approval by the Finance and Transportation Planning and Programming Divisions of TxDOT of an additional \$1.9 million in Category 2 funds for project development of a State Highway 6 project currently programmed in the 2021-2024 TIP by way of Amendment 1, and of recommended revisions to engineering and construction cost estimates for two bicycle / pedestrian projects currently programmed in the 2021-2024 TIP through Amendment 2.

TxDOT authorization of additional Category 2 funds

The Waco MPO was notified by the TxDOT Waco District Headquarters in June 2021 that the following project is scheduled for letting in fiscal year 2021, and for construction in fiscal year 2022, and will receive an additional \$1.9 million in Category 2 funding:

1. SH 6 / W Loop 340 from US 84 to IH-35 (Mall to Mall project) – Construct continuous frontage roads, reconstruct main lane overpasses over Union Pacific Railroad tracks, improve intersections and realign on & off ramps. The project is depicted on Map 4.

Changes:

Changed construction cost from \$46.5 million to \$48.4 million
Federal authorization: changed from \$37,200,000 to \$38,720,000
State authorization: changed from \$9,300,000 to \$9,680,000

Note:

TxDOT will let the construction contract in late FY 2021 and “delay” the start of construction to FY 2022.

Refined engineering and construction cost estimates

The Waco MPO was notified by the TP&P Division of TxDOT in June 2021 of recommended revisions to engineering and construction cost estimates for the following bicycle / pedestrian projects scheduled for construction in fiscal years 2023 and 2024:

1. MKT East Rails to Trails Connection along purchased rail property from East Waco Dr (US 84) to Gholson Rd (FM 933) – In FY 2023 construct 12 ft. wide reinforced concrete shared use trail for approximately 6,550 linear feet for bicycles and pedestrians. The project is depicted on Map 1 of 2021-2024 TIP Amendment 2.

Changes:

Revised preliminary engineering estimate to \$112,992

Revised construction estimate to \$2,736,912

Revised construction engineering estimate to \$37,664

Note:

Year of Expenditure Cost remains \$2,887,568

Project award (federal dollars) remains \$2,310,054

Non-Federal Match remains \$577,514

MTP Priority: Strategy 4, Priority 5

2. Cedar Ridge Sidewalks on N 19th Street from Lake Shore Dr to Park Lake Dr – In FY 2024 construct on- and off-road facilities for pedestrians and bicycles along both sides of roadway (refer to 2045 MTP Amendment 2 for detailed scope of work). The project is depicted on Map 1 of 2021-2024 TIP Amendment 2.

Changes:

Revised preliminary engineering estimate to \$81,505

Revised construction estimate to \$1,974,227

Revised construction engineering estimate to \$27,168

Note:

Year of Expenditure Cost remains \$2,082,900

Project award (federal dollars) remains \$1,666,320

Non-Federal Match remains \$416,580

MTP Priority: Strategy 4, Priority 1

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2021-2024**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2022

| | | | | | |
|-----------------|-------------|------------------|--------|-----------|--------------|
| TXDOT DISTRICT: | Waco | CITY: | Waco | PHASE: | C |
| COUNTY: | McLennan | LIMITS FROM: | US 84 | YOE COST: | \$48,400,000 |
| HIGHWAY NUM: | SH 6 | LIMITS TO: | IH-35 | | |
| CSJ: | 0258-09-142 | MPO PROJECT ID: | S-034A | | |
| REVISION DATE: | Jul-20 | PROJECT SPONSOR: | TxDOT | | |

DESCRIPTION: Construct continuous frontage rds, replace main In bridges and approaches, improve intersections and reconstruct on/off ramps

PROJECT HISTORY: Project readiness updated to FY 2021; Addition of \$2,000,000 to incentivize rapid project completion (January 2021); Addition of \$1,900,000 2U funds approved by TXDOT Finance Division (June 2021).

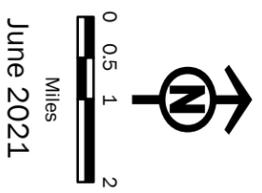
REMARKS:

CONTRACT CSJ:
 ANCESTORT CSJ: 0258-09-901
 DESCENDENT CSJ:
 ROW/CON CSJ:

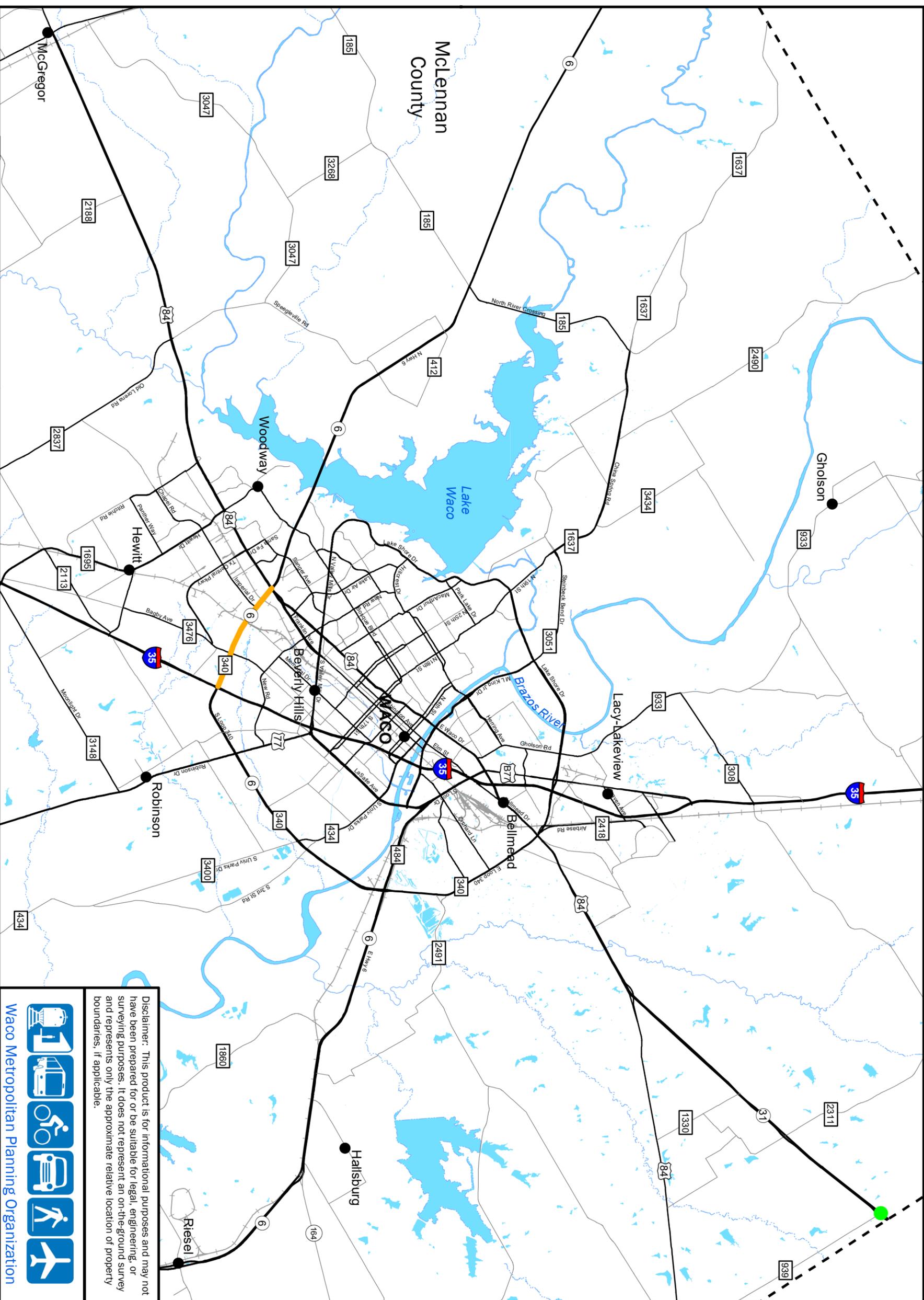
| | | | AUTHORIZED FUNDING BY CATEGORY / SHARE | | | | |
|---------------------------|---------------------|---------------------|--|-------------|-------|-------|--------------|
| | | | FEDERAL | STATE | LOCAL | OTHER | TOTAL |
| Construction: | \$48,400,000 | | | | | | |
| Preliminary Engineering: | \$2,438,400 | | | | | | |
| Right of Way Acquisition: | \$3,300,000 | 2U - Urban Mobility | \$38,720,000 | \$9,680,000 | \$0 | \$0 | \$48,400,000 |
| Bond Financing: | \$0 | TOTAL | \$38,720,000 | \$9,680,000 | \$0 | \$0 | \$48,400,000 |
| Construction Engineering: | \$1,995,450 | | | | | | |
| Contingencies/Incentives | \$5,261,850 | | | | | | |
| Indirect | \$1,443,100 | | | | | | |
| Other: | \$0 | | | | | | |
| Total: | \$62,838,800 | | | | | | |

Proposed Changes to Highway Construction Projects

- No Change
- Change
- Waco Metropolitan Area



Map 4
Waco Metropolitan & Urbanized Area
2021-2024 Transportation Improvement Program
Amendment 4 (Administrative)
Highway Construction Projects - Proposed Changes



Disclaimer: This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries, if applicable.



Waco Metropolitan Planning Organization

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2021-2024**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2023

| | | | | | |
|-----------------|---|------------------|----------------------|-----------|---|
| TXDOT DISTRICT: | Waco | CITY: | Waco | PHASE: | C, E |
| COUNTY: | McLennan | LIMITS FROM: | US 84 (East Waco Dr) | YOE COST: | \$2,887,568 |
| | CS (Purchased U.P. Rail Property)* | LIMITS TO: | FM 933 (Gholson Rd) | | |
| HIGHWAY NUM: | 0055-15-076 | MPO PROJECT ID: | B-007 | | |
| REVISION DATE: | May-21 | PROJECT SPONSOR: | City of Waco | | |
| DESCRIPTION: | Construct 12 ft. wide reinforced concrete shared use trail for approximately 6,550 linear feet for bicycles and pedestrians | | | | PROJECT HISTORY: TxDOT selected 2019 TA project; Funding award approved through Transportation Commission minute order 116003 - April 29, 2021 |
| REMARKS: | Project Name: MKT East Rails to Trails Connection MTP Priority: Strategy 4, Priority 5 *Abandoned Union Pacific rail property purchased by City of Waco | | | | |
| CONTRACT CSJ: | | | | | |
| ANCESTORT CSJ: | | | | | |
| DESCENDENT CSJ: | | | | | |
| ROW/CON CSJ: | | | | | |

| Construction: | \$2,736,912 | AUTHORIZED FUNDING BY CATEGORY / SHARE | | | | |
|---------------------------|--------------------|--|-------------|-------|-------|-----------|
| | | | FEDERAL | STATE | LOCAL | OTHER |
| Preliminary Engineering: | \$112,992 | | | | | |
| Right of Way Acquisition: | \$0 | 9TAP | \$2,310,054 | | \$0 | \$577,514 |
| Bond Financing: | \$0 | TOTAL | \$2,310,054 | | \$0 | \$577,514 |
| Construction Engineering: | \$37,664 | | | | | |
| Contingencies | \$0 | | | | | |
| Indirect | \$0 | | | | | |
| Other: | \$0 | | | | | |
| Total: | \$2,887,568 | | | | | |

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2019-2022**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2024

TXDOT DISTRICT: Waco CITY: Waco PHASE: C, E
 COUNTY: McLennan LIMITS FROM: Lake Shore Dr YOE COST: \$2,082,900

HIGHWAY NUM: CS (N 19th St) LIMITS TO: Park Lake Dr

CSJ: 0909-22-191 MPO PROJECT ID: L-016

REVISION DATE: Jun-21 PROJECT SPONSOR: City of Waco

DESCRIPTION: Construct on and off road facilities for pedestrians and bicycles along both sides of roadway*

PROJECT HISTORY: TxDOT selected 2019 TA project; Funding award approved through Transportation Commission minute order 116003 - April 29, 2021

REMARKS: Project Name: Cedar Ridge Sidewalks
 MTP Priority: Strategy 4, Priority 1
 *Refer to 2045 MTP Amendment 2 for detailed scope of work

CONTRACT CSJ:
 ANCESTORT CSJ:
 DESCENDENT CSJ:
 ROW/CON CSJ:

| | | AUTHORIZED FUNDING BY CATEGORY / SHARE | | | | |
|---------------------------|--------------------|---|-------------|-------|-----------|-------------|
| | | FEDERAL | STATE | LOCAL | OTHER | TOTAL |
| Construction: | \$1,974,227 | | | | | |
| Preliminary Engineering: | \$81,505 | | | | | |
| Right of Way Acquisition: | \$0 | 9TAP | \$1,666,320 | \$0 | \$416,580 | \$2,082,900 |
| Bond Financing: | \$0 | TOTAL | \$1,666,320 | \$0 | \$416,580 | \$2,082,900 |
| Construction Engineering: | \$27,168 | | | | | |
| Contingencies | \$0 | | | | | |
| Indirect | \$0 | | | | | |
| Other: | \$0 | | | | | |
| Total: | \$2,082,900 | | | | | |



Waco MPO

FY 2021 - 2024 Transportation Improvement Program - Amendment 2

Funding by Category

| Funding Category | Description | FY 2021 | | FY 2022 | | FY 2023 | | FY 2024 | | Total FY 2021 - 2024 | |
|------------------|---|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|----------------------|---------------------|
| | | Programmed | Authorized | Programmed | Authorized | Programmed | Authorized | Programmed | Authorized | Programmed | Authorized |
| 1 | Preventive Maintenance and Rehabilitation | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 2M or 2U | Urban Area (Non-TMA) Corridor Projects | \$5,000,000 | \$5,000,000 | \$48,400,000 | \$48,400,000 | \$0 | \$0 | \$0 | \$0 | \$53,400,000 | \$53,400,000 |
| 3 | Non-Traditionally Funded Transportation Project | \$72,160 | \$72,160 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$72,160 | \$72,160 |
| 3DB | Design Build (DB) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 4 | Urban and Regional Connectivity | \$5,000,000 | \$5,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,000,000 | \$5,000,000 |
| 5 | CMAQ | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 6 | Structures - Bridge | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 7 | Metro Mobility & Rehab | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 8 | Safety | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 9 | TAP Set-Aside Program | \$3,862,778 | \$3,862,778 | \$2,631,809 | \$2,631,809 | \$2,887,568 | \$2,887,568 | \$2,082,900 | \$2,082,900 | \$11,465,055 | \$11,465,055 |
| 10 | Supplemental Transportation | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 10 CBI | Corridor Border | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 11 | District Discretionary | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 11 | Energy Sector | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 12 | Texas Clear Lanes | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 12 | Strategic Priority | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SW PE | Statewide Budget PE | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SW ROW | Statewide Budget ROW | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | | \$13,934,938 | \$13,934,938 | \$51,031,809 | \$51,031,809 | \$2,887,568 | \$2,887,568 | \$2,082,900 | \$2,082,900 | \$69,937,215 | \$69,937,215 |

Funding Participation Source

| Source | FY 2021 | FY 2022 | FY 2023 | FY 2024 | Total FY 21-24 |
|----------------------------------|---------------------|---------------------|--------------------|--------------------|---------------------|
| Federal | \$3,241,778 | \$40,981,821 | \$2,310,054 | \$1,666,320 | \$48,199,973 |
| State | \$10,000,000 | \$9,680,000 | \$0 | \$0 | \$19,680,000 |
| Local Match | \$693,160 | \$369,988 | \$577,514 | \$416,580 | \$2,057,242 |
| CAT 3 - Local Contributions (LC) | \$0 | \$0 | \$0 | \$0 | \$0 |
| CAT 3 - Prop 1 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CAT 3 - DB | \$0 | \$0 | \$0 | \$0 | \$0 |
| CAT 3 - Prop 14 Bonds | \$0 | \$0 | \$0 | \$0 | \$0 |
| CAT 3 - Texas Mobility Fund | \$0 | \$0 | \$0 | \$0 | \$0 |
| CAT 3 - TDC | \$0 | \$0 | \$0 | \$0 | \$0 |
| Statewide Budget PE | \$0 | \$0 | \$0 | \$0 | \$0 |
| Statewide Budget ROW | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$13,934,938 | \$51,031,809 | \$2,887,568 | \$2,082,900 | \$69,937,215 |