



The Transportation Improvement Program

Waco Urbanized Area For
Fiscal Years 2023 Through 2026

Adopted by the Waco MPO Policy Board – May 19, 2022

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

Section 1: Introduction

1.1 Background



Transportation planning within the Waco Metropolitan Area is performed by the City of Waco, which in 1974 was designated as the Metropolitan Planning Organization by the Governor of Texas. This designation was in response to federal law which requires a cooperative, comprehensive, and continuing planning process for all federal transportation programs. This process requires input and acceptance from local governments within urbanized areas greater than 50,000 persons. The Waco Metropolitan Planning Organization (MPO) was created to meet these federal requirements for the Waco Urbanized Area.

The MPO Staff organizes, researches, and coordinates the activities between the Texas Department of Transportation (TxDOT) and the Waco MPO Policy Board. The MPO Policy Board consists of 20 members who represent each government with populations greater than 5,000 or are home rule cities within the metropolitan area, three small cities representatives, and the Waco District Engineer of TxDOT. The Policy Board is the decision-making component of the MPO and functions as the governing body for the MPO. Their duties include adopting policy and amending plans, including the Transportation Improvement Program (TIP). The Policy Board receives technical assistance from a Technical Advisory Committee (TAC) comprised of engineering, planning, and other technical professionals from local governments, transit agencies and TxDOT.

1.2 Definition of Area

Located midway between Dallas and Austin on IH-35, Waco is centrally located in the region known as the “Heart of Texas.” The Waco Urbanized Area (UZA), as identified by the US Census Bureau in 2010, encompasses approximately 91 square miles and an estimated 2020 population of 198,361. The Waco UZA boundary is currently under review (as part of the 2020 decennial census process) and an updated UZA is expected in late 2022.

In order to account for future growth and activities that impact mobility within the UZA, the MPO studies a much larger area when developing the Metropolitan Transportation Plan (MTP). This area is referred to as the Waco Metropolitan Area and it is coextensive with McLennan County, Texas. The Waco Metropolitan Area encompasses 1,037 square miles and in 2020 had an estimated population of 260,579. Map 1 shows both the Waco Urbanized Area and the Waco Metropolitan Area.

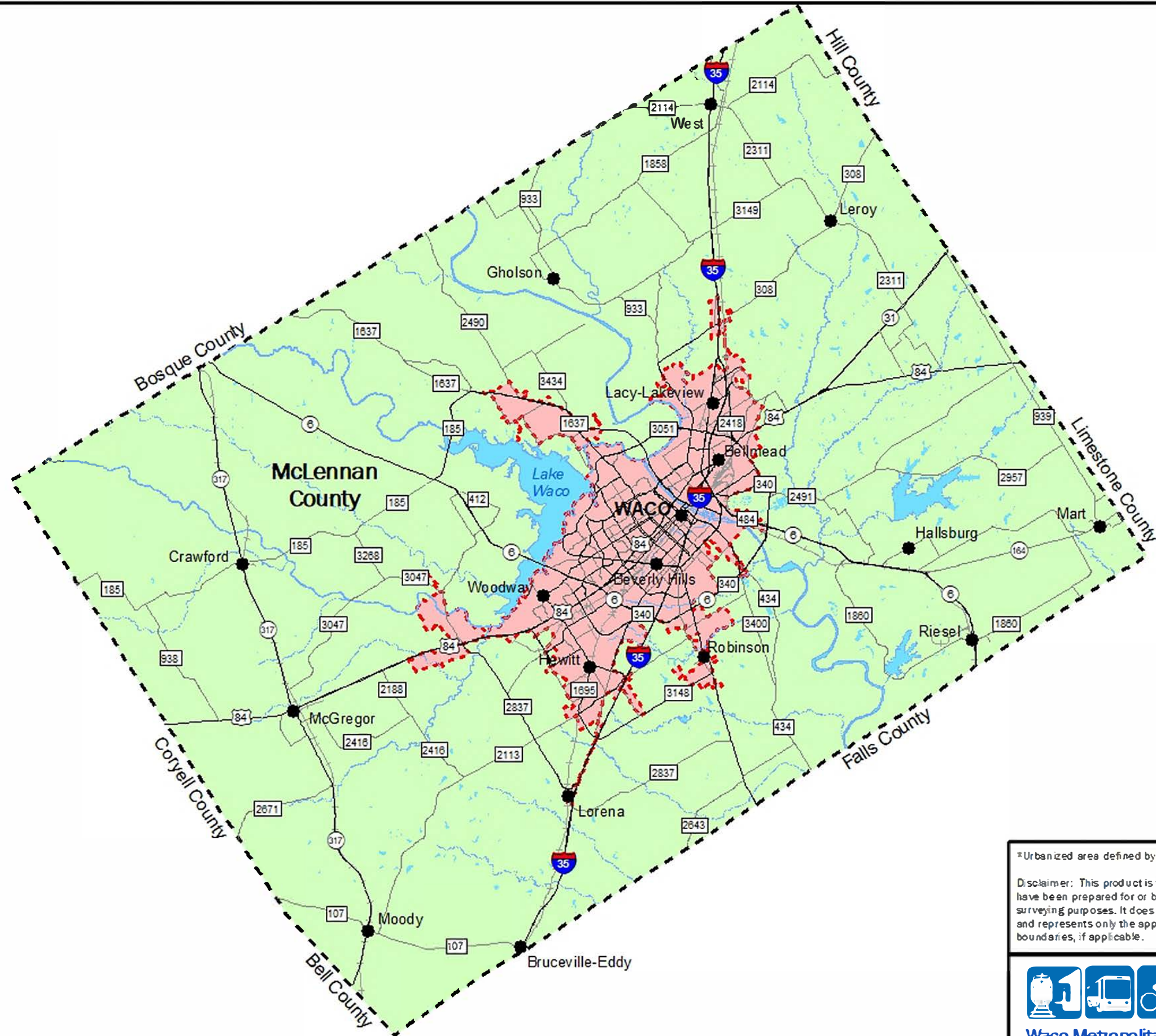
 Waco Urbanized Area*
 Waco Metropolitan Area



0 1 2 4
Miles

May 2022

Map 1
 Waco Metropolitan & Urbanized Areas



*Urbanized area defined by the US Census Bureau

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

1.3 Purpose of the TIP

The Transportation Improvement Program (TIP) is a staged, multi-year program of regionally significant transportation projects proposed for implementation during the next 4 years. The TIP is developed in cooperation with owners and operators of various portions of the transportation system within McLennan County to identify priorities for consideration consistent with the top priorities identified within the current MTP, *Connections 2045: The Waco Metropolitan Transportation Plan*. At a minimum, all projects utilizing federal or state highway funds or public transportation funds during fiscal years 2023 through 2026 must be included within the TIP prior to work or services commencing. In addition, all projects with a federal interest, such as those impacting the Interstate Highway System, the National Highway System or public transportation, must also be included regardless of funding source. Finally, projects identified by the MPO Policy Board as being 'regionally significant' are also identified within the TIP. Regionally significant projects are those identified within the MTP. Once programmed into the TIP, projects are cleared for the applicable phase of implementation beginning within the year identified. In addition, projects identified within the TIP are automatically incorporated within the Texas State Transportation Improvement Program (STIP).

The TIP is required to be updated every 2 years to account for changing priorities or funding availability. In addition, federal guidelines require that the TIP identify all regionally significant work proposed within the Waco Region for a minimum timeframe of 4 fiscal years.

1.4 Project Selection Process

Project selection begins with corridor identification under the Metropolitan Thoroughfare Plan which then leads to the development of projects within the current MTP, *Connections 2045: The Waco Metropolitan Transportation Plan*. This work is then supplemented by various corridor and transit route studies and the Regional Public Transportation Coordination Plan. All projects are evaluated within the MTP based on improving the state of good repair, reducing fatal and serious injury crashes, supporting regional economic development efforts, improving freight movement, improving regional livability and improving access to economic opportunities and essential services. Many of these considerations are incorporated into system performance requirements identified within the Fixing America's Surface Transportation (FAST) Act (Section 1.3 in the MTP). The project evaluation process approved by the MPO Policy Board is described in Appendix B of the MTP. Projects are prioritized within the MTP based on these results, the MPO Policy Board considerations, and the fiscal constraint identified within the plan. These priorities determine which projects may proceed with respect to environmental and engineering studies, and right of way acquisition, if necessary. Projects are then proposed for inclusion within the TIP based on the completion of any necessary studies, the acquisition of any necessary right of way, and a formal commitment of necessary funds.

Transit projects generally include all federal operating funds allocated to Waco Transit Inc. during the 4-year scope of the TIP. In addition, all capital purchases are included, based on need and a commitment of necessary funds. These include purchases by Waco Transit Inc. and the Federal Transit Administration (FTA) Section 5310 providers (elderly and disabled program) within the Waco Urbanized Area. Other transit projects are evaluated within a separate transit route study, the results of which are incorporated into the MTP. Similar to highway projects, these projects are proposed for inclusion based on the completion of necessary studies, the availability of necessary funds, and system performance requirements identified within the FAST Act (Section 1.3 in the MTP).

Priority within the TIP is determined by the year in which the project is programmed. Projects programmed for FY 2023 are considered to be the highest priority and may be implemented as soon as plans are complete, and a formal funding commitment is made. Projects programmed for FY 2024

are considered a secondary priority and projects programmed for FY 2025 and 2026 are considered a tertiary priority.

1.5 Fiscal Constraint

Each identified phase of work within the TIP must have a formal commitment of funding prior to consideration. Projects lacking this commitment for a significant portion of the project cost cannot be programmed into the TIP. Work identified within grouped CSJ categories (see Section 1.9) are fiscally constrained at the statewide level.

Bid costs for projects can sometimes be significantly different than that estimated when funding commitments were made. This may be especially true for projects programmed within fiscal years 2023 and 2024. Projects may still proceed to implementation if costs are as much as 50% or \$1 million greater than the cost identified within the TIP, whichever is less.

1.6 Relationship between the TIP and the TxDOT Unified Transportation Program (UTP)

The Unified Transportation Program (UTP) is TxDOT's 10-year planning document that guides the planning and development of transportation improvements within each TxDOT District. Priorities identified within the UTP for the Waco Region are intended to be consistent with those identified within the short-range priorities of the MTP (years 2020 through 2030). When those priorities are ready for implementation (the first 4 years of the UTP), they are recommended for programming within the TIP.

1.7 Regional Performance Targets and Relationship to TIP Priorities

Please see Appendix G for a discussion of the Waco MPO's performance targets adopted by the Waco MPO Policy Board between October 1, 2020 and February 17, 2022, and a review of how the projects proposed for inclusion in the 2023-2026 TIP are intended to assist in achieving most significantly one or more TPM targets adopted or supported by the MPO Policy Board.

1.8 Progress from the 2021 - 2024 TIP

Table 1.1 reviews the status of each project programmed within the 2021 - 2024 TIP and subsequent amendments. Within the 'Phase' column, 'E' refers to Engineering, 'R' refers to right of way acquisition and 'C' refers to construction.

Table 1.1 - 2021 - 2024 TIP Project Status

CSJ Number	MPO ID	Project	Scope of Work	Phase	Year Programmed	Programmed Cost	Status
2362-01-034	S-001A	East Loop 340 – US 84 (Bellmead Dr) to Loop 484 (Marlin Hwy)	Widen to 4 lanes divided	E	2021	\$1,225,000	Design underway. Construction anticipated in 2027 or later
0055-08-120	S-039A	SP 298 – Lake Air Dr to New Road	Reconstruct New Road interchange, add dual left turn and u-turn lanes, relocate main lanes to frontage road, remove old main lanes	E	2021	\$540,000	Design underway, Construction anticipated in 2026
0055-08-121	S-048E	US 84 – FM 1695 to SH 6 / South Loop 340	Realign on and off ramps from Diamond to "X" configuration, construct auxiliary lanes	E	2021	\$73,500	Design underway. Construction anticipated in 2027 or later
0162-01-097	S-061, S-066	SH 31 – 0.5 miles south of FM 2311 to 0.5 miles north of FM 939	Construct new overpasses and approaches	E	2021	\$980,000	Design underway. Construction anticipated in 2027 or later
0258-09-142	S-034A	SH 6 – US 84 to IH-35	Construct continuous frontage roads, bridges, and reconstruct on/off ramps	R	2021	\$2,253,000	Construction underway
0162-01-097	S-061, S-066	FM 939 – 0.5 miles south of FM 939 to 0.5 miles north of FM 939	Construct new main lane overpass and approach at FM 939	C	2021	\$10,000,000	Construction underway
0258-09-142	S-034A	SH 6 – US 84 to IH-35	Construct continuous frontage roads, replace main lane bridges and approaches, improve intersections, reconstruct on/off ramps	C	2022	\$48,400,000	Construction underway

0909-22-185	BP-004	PED 2019 Waco SRTS J.H. Hines Elementary Sidewalks	Construct sidewalks along Garrison St from JH Hines Elem School to Taylor St; along Elm Ave at Garrison St to Clifton St; along Clifton St from Elm Ave to Chestnut St	C, E	2022	\$829,938	Construction scheduled for 2022
0055-15-076	B-007	MKT East Rails to Trails Connection	Construct 12 foot wide reinforced concrete shared use trail for approximately 6,550 linear feet for bicycles and pedestrians	C, E	2023	\$2,887,568	Design underway. Project let scheduled for 2023
0909-22-191	L-016	Cedar Ridge Sidewalks	Construct on and off-road facilities for pedestrians and bicycles along both sides of roadway	C, E	2024	\$2,082,900	Design underway. Project let scheduled for 2024

1.9 Grouped CSJ Program

In cooperation with the Federal Highway Administration, the Texas Department of Transportation developed statewide programs identified by statewide CSJs to maximize the provisions for grouping projects that are not determined to be regionally significant in one line item, as allowed for in Title 23 USC Section 135 Statewide Planning. A table of the eligible funding categories and corresponding CSJs can be found in Appendix F.

The use of statewide CSJs for these categories provides a more efficient method of programming and letting projects and decreases the necessity for TIP/STIP revisions. These categories generally cover preventative maintenance, rehabilitation, bridge replacement, safety treatments and bicycle/pedestrian improvements. This approach allows federal and state expenditures to more easily address needs that arise due to acts of nature, crash damage and other safety-related concerns, or to project implementation delays. The Waco MPO will not have any projects using Category 2U funding - listed in this section of the TIP. An illustrative listing of the grouped CSJ projects eligible to be let during the FY 2023-2026 timeframe can be found in Appendix F. Grouped CSJ projects are financially constrained at the state level.

1.10 Air Quality Status

The Clean Air Act Amendments of 1990 requires all metropolitan areas to meet the National Ambient Air Quality Standards established by the Environmental Protection Agency (EPA) for numerous pollutants, including ozone, nitrous oxides and particulate matter. Metropolitan areas that meet these standards are considered to be in attainment and are not required to establish control measures to improve air quality. At the time of adoption for the 2023-2026 TIP, the Waco Metropolitan Area was considered to be in attainment for all air pollutants by the EPA.

1.11 Americans with Disabilities Act (ADA)

All projects considered for funding include appropriate provisions for meeting the needs of those with any health limitations. Waco Transit is completely accessible according to the ADA Act and provides complimentary ADA paratransit service for all areas within 3/4 mile of the fixed route service. The ADA paratransit service is provided for those who cannot utilize the fixed route system due to a health limitation.

1.12 Title VI of the Civil Rights Act

A primary goal of the Waco MPO is to ensure the transportation needs of all people are met and that no one population group must endure a disproportional share of the burdens in meeting those needs. In order to accomplish this goal, the Waco MPO performs an analysis of its plans and programs to assess the mobility of traditionally underrepresented groups and to provide an assessment of the impacts of proposed projects upon these groups. The following discussion is summarized from the MTP Section 3.3, Title VI Analysis.

Black and Hispanic residents are two traditionally underrepresented groups within McLennan County and comprise 14.2% and 25.6% respectively of the population of McLennan County. For the purposes of analysis between benefits and burdens of proposed projects, the staff identified those census block groups with percentages of these respective people groups that were greater than the county average.

On average 19.3% of residents within McLennan County live below the census defined poverty level and 7% of residents have either a self-care or mobility disability. Another 6.5% of occupied housing units within McLennan County do not have access to automobiles. The distribution of these three variables were used to determine the efficacy of efforts to provide travel mode alternatives to the automobile for people groups that have little access to automobiles. Similar to race and ethnicity, those census block groups that were greater than the averages for McLennan County were used for the analysis.

A complete analysis of underrepresented populations may be found within Section 3 of *Connections 2045: The Waco Metropolitan Transportation Plan*. Projects identified within this TIP are consistent with the evaluations and priorities identified within the MTP.

Limited English Proficiency

The Waco MPO adopted a Limited English Proficiency (LEP) Plan in 2012 to identify the language groups predominately found within the Waco Metropolitan Area for which a significant percentage of the population speaks English less than very well, according to US Census surveys. The LEP plan also identifies the strategies the MPO staff intends to undertake to ensure that these populations have sufficient opportunity to participate in within the transportation planning process. The LEP plan is periodically reviewed to monitor changes to the language groups present in the Waco Metropolitan Area. The development of the 2023-2026 TIP and the identification of recommendations were consistent with the strategies to solicit input from LEP populations identified within the LEP plan.

Section 2: Highway Projects

This section outlines those regionally significant highway projects that are programmed for the period between fiscal years 2023 and 2026. Highway project listings include projects funded through the Federal Highway Administration (FHWA), Texas Department of Transportation (TxDOT) and local sponsors whose projects are required to be individually listed in the Transportation Improvement Program (TIP) and Statewide Transportation Improvement Program (STIP). Each project listing is independently reviewed and approved by FHWA.

Within the 'Phase' column of each project, 'E' refers to Engineering, 'R' refers to right of way acquisition and 'C' refers to construction. Note that project identifiers correspond to ids found within *Connections 2045: The Waco Metropolitan Transportation Plan*.

Engineering Phases

This section includes programming for the engineering phases of projects for which construction or right of way acquisition has been authorized during the 4-year timeframe of the TIP. The engineering phase also includes any necessary environmental assessments. For projects undergoing the engineering phase but with construction and right of way acquisition authorized beyond the 4-year timeframe of the TIP, please refer to Appendix D. Engineering projects are shown on Map 2.

Right of Way Phases

This section identifies projects for which the acquisition of right of way have been authorized within the timeframe of the TIP. This phase also includes the relocation of any utilities, if necessary. The acquisition of right of way may proceed only if the necessary engineering studies and environmental assessments have been completed. Right-of-way projects are shown on Map 2.

Construction Phases

This section identifies those projects for which construction has been authorized within the timeframe of the TIP. Construction phases may proceed only if the necessary engineering studies, environmental assessments and right of way acquisition have been completed. Construction phase projects are shown on Map 3.

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2023

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	E, R
COUNTY:	McLennan	LIMITS FROM:	US 84	YOE COST:	\$1,760,000
HIGHWAY NUM:	SP 298	LIMITS TO:	New Road (Cheddar's Dr)		
CSJ:	0055-08-120	MPO PROJECT ID:	S-039A		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		

DESCRIPTION: Reconstruct New Road interchange, add dual left turn and u-turn lanes, remove existing main lanes, convert the existing frontage roads to proposed main lanes

PROJECT HISTORY:

REMARKS:

CONTRACT CSJ:
ANCESTORT CSJ: 0055-08-901
DESCENDENT CSJ:
ROW/CON CSJ:

		AUTHORIZED FUNDING BY CATEGORY / SHARE					
		FEDERAL	STATE	LOCAL	OTHER	TOTAL	
Construction:	\$36,400,000						
Preliminary Engineering:	\$1,700,000						
Right of Way Acquisition:	\$60,000	2U - Urban Mobility					
Bond Financing:	\$0		\$0	\$1,760,000	\$0	\$0	\$1,760,000
Construction Engineering:	\$555,000	TOTAL					
Contingencies	\$220,000		\$0	\$1,760,000	\$0	\$0	\$1,760,000
Indirect							
Other:	\$415,000						
Total:	\$39,350,000						

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2023

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	E
COUNTY:	McLennan	LIMITS FROM:	0.5 miles south of FM 2311	YOE COST:	\$560,000
HIGHWAY NUM:	SH 31	LIMITS TO:	0.5 miles north of FM 2311		
CSJ:	0162-01-100	MPO PROJECT ID:	S-061, S-066		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Construct new overpasses and approaches				PROJECT HISTORY:

REMARKS: Note: Project under development, funding commitment beyond 2026

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

		AUTHORIZED FUNDING BY CATEGORY / SHARE					
		FEDERAL	STATE	LOCAL	OTHER	TOTAL	
Construction:	\$11,200,000						
Preliminary Engineering:	\$560,000						
Right of Way Acquisition:	\$0	2U - Urban Mobility	\$0	\$560,000	\$0	\$0	\$560,000
Bond Financing:	\$0	4 - Urban Connectivity	\$0	\$0	\$0	\$0	\$0
Construction Engineering:	\$995,000	TOTAL	\$0	\$560,000	\$0	\$0	\$560,000
Contingencies	\$500,000						
Indirect	\$0						
Other:	\$665,000						
Total:	\$13,920,000						

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2023

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	E
COUNTY:	McLennan	LIMITS FROM:	US 84 (Bellmead Dr)	YOE COST:	\$1,225,000
HIGHWAY NUM:	East Loop 340	LIMITS TO:	Lp 484 (Marlin Hwy)		
CSJ:	2362-01-034	MPO PROJECT ID:	S-001A		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Widen to 4 lanes divided			PROJECT HISTORY:	

REMARKS: Note: Project under development, funding commitment beyond 2026

CONTRACT CSJ:

ANCESTORT CSJ: 2362-01-901

DESCENDENT CSJ:

ROW/CON CSJ:

		AUTHORIZED FUNDING BY CATEGORY / SHARE					
		FEDERAL	STATE	LOCAL	OTHER	TOTAL	
Construction:	\$26,320,000						
Preliminary Engineering:	\$1,225,000						
Right of Way Acquisition:	\$0	2U - Urban Mobility	\$0	\$1,225,000	\$0	\$0	\$1,225,000
Bond Financing:	\$0	TOTAL	\$0	\$1,225,000	\$0	\$0	\$1,225,000
Construction Engineering:	\$1,170,000						
Contingencies	\$470,000						
Indirect	\$0						
Other:	\$900,000						
Total:	\$30,085,000						

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2023

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	E
COUNTY:	McLennan	LIMITS FROM:	SP 412 (McLaughlin Rd)	YOE COST:	\$448,000
HIGHWAY NUM:	SH 6	LIMITS TO:	FM 185 (Lady Bird Rd)		
CSJ:	0258-08-035	MPO PROJECT ID:	S-031A		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Widen from 2 lanes to 4 lanes with center turn lane				PROJECT HISTORY:

REMARKS: Note: Project under development, funding commitment beyond 2026

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

		AUTHORIZED FUNDING BY CATEGORY / SHARE					
		FEDERAL	STATE	LOCAL	OTHER	TOTAL	
Construction:	\$8,960,000						
Preliminary Engineering:	\$448,000						
Right of Way Acquisition:	\$0		\$0	\$448,000	\$0	\$0	\$448,000
Bond Financing:	\$0		\$0	\$448,000	\$0	\$0	\$448,000
Construction Engineering:	\$397,000						
Contingencies	\$160,000						
Indirect	\$0						
Other:	\$300,000						
Total:	\$10,265,000						

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2023

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	E
COUNTY:	McLennan	LIMITS FROM:	Bridges over Lake Waco	YOE COST:	\$1,700,000
HIGHWAY NUM:	SH 6	LIMITS TO:			
CSJ:	0258-09-147	MPO PROJECT ID:	S-032F		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Reconstruct and widen Lake Waco Bridges and approaches to accommodate 4 lanes with shoulders				PROJECT HISTORY:
REMARKS:	Note: Project under development, funding commitment beyond 2026				
CONTRACT CSJ:					
ANCESTORT CSJ:					
DESCENDENT CSJ:	0258-09-148				
ROW/CON CSJ:					

		AUTHORIZED FUNDING BY CATEGORY / SHARE					
		FEDERAL	STATE	LOCAL	OTHER	TOTAL	
Construction:	\$34,000,000						
Preliminary Engineering:	\$1,700,000						
Right of Way Acquisition:	\$0		\$0	\$1,700,000	\$0	\$0	\$1,700,000
Bond Financing:	\$0		\$0	\$1,700,000	\$0	\$0	\$1,700,000
Construction Engineering:	\$1,170,000						
Contingencies	\$470,000						
Indirect	\$0						
Other:	\$900,000						
Total:	\$38,240,000						

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2023

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	E, R
COUNTY:	McLennan	LIMITS FROM:	FM 1695 (Hewitt Dr)	YOE COST:	\$785,000
HIGHWAY NUM:	US 84	LIMITS TO:	SH 6 / South Loop 340		
CSJ:	0055-08-121	MPO PROJECT ID:	S-048E		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Reconstruct frontage roads, realign on and off ramps from Diamond to "X" configuration, construct auxillary lanes				PROJECT HISTORY:
REMARKS:	Note: Project under development, funding commitment beyond 2026				
CONTRACT CSJ:					
ANCESTORT CSJ:					
DESCENDENT CSJ:					
ROW/CON CSJ:					

Construction:	\$15,000,000	AUTHORIZED FUNDING BY CATEGORY / SHARE						
Preliminary Engineering:	\$750,000		FEDERAL	STATE	LOCAL	OTHER	TOTAL	
Right of Way Acquisition:	\$35,000	2U - Urban Mobility		\$0	\$785,000	\$0	\$0	\$785,000
Bond Financing:	\$0	TOTAL		\$0	\$785,000	\$0	\$0	\$785,000
Construction Engineering:	\$70,500							
Contingencies	\$45,000							
Indirect	\$0							
Other:	\$0							
Total:	\$15,900,500							

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2023

TXDOT DISTRICT:	Waco	CITY:	McGregor	PHASE:	E
COUNTY:	McLennan	LIMITS FROM:	Bluebonnet Pkwy	YOE COST:	\$2,000,000
HIGHWAY NUM:	SH 317	LIMITS TO:	FM 2671 (Mother Neff Pkwy)		
CSJ:	0398-03-063	MPO PROJECT ID:	S-028		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Widen to 4 lanes with center median, construct overpass for proposed BNSF RR Spur				PROJECT HISTORY:
REMARKS:	Note: Project under development, funding commitment beyond 2026				
CONTRACT CSJ:	0				
ANCESTORT CSJ:					
DESCENDENT CSJ:					
ROW/CON CSJ:					

		AUTHORIZED FUNDING BY CATEGORY / SHARE					
		FEDERAL	STATE	LOCAL	OTHER	TOTAL	
Construction:	\$40,000,000						
Preliminary Engineering:	\$2,000,000						
Right of Way Acquisition:	\$0		\$0	\$2,000,000	\$0	\$0	\$2,000,000
Bond Financing:	\$0		\$0	\$2,000,000	\$0	\$0	\$2,000,000
Construction Engineering:	\$1,000,000						
Contingencies	\$400,000						
Indirect	\$0						
Other:	\$900,000						
Total:	\$44,300,000						

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2023

TXDOT DISTRICT:	Waco	CITY:	McGregor	PHASE:	E, R
COUNTY:	McLennan	LIMITS FROM:	US 84 West of McGregor	YOE COST:	\$3,500,000
HIGHWAY NUM:	US 84	LIMITS TO:	US 84 East of McGregor		
CSJ:	0055-07-067	MPO PROJECT ID:	L-029		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Construct 2 lane State Loop, construct overpass across BNSF RR, install traffic signals at SH 317 and US 84				
REMARKS:	Note: Project under development, funding commitment beyond 2026				
CONTRACT CSJ:					
ANCESTORT CSJ:					
DESCENDENT CSJ:					
ROW/CON CSJ:					

PROJECT HISTORY:

		AUTHORIZED FUNDING BY CATEGORY / SHARE					
		FEDERAL	STATE	LOCAL	OTHER	TOTAL	
Construction:	\$40,000,000						
Preliminary Engineering:	\$2,000,000						
Right of Way Acquisition:	\$1,500,000		\$0	\$3,500,000	\$0	\$0	\$3,500,000
Bond Financing:	\$0		\$0	\$3,500,000	\$0	\$0	\$3,500,000
Construction Engineering:	\$1,000,000						
Contingencies	\$400,000						
Indirect	\$0						
Other:	\$600,000						
Total:	\$45,500,000						

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2023

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	E
COUNTY:	McLennan	LIMITS FROM:	US Bus 77 Intersection	YOE COST:	\$1,500,000
HIGHWAY NUM:	US 84	LIMITS TO:	(Potts Interchange)		
CSJ:	0055-15-077	MPO PROJECT ID:	S-057		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Convert to at-grade roundabout, construct bicycle and pedestrian path through intersection			PROJECT HISTORY:	
REMARKS:	Note: Project under development, funding commitment beyond 2026				
CONTRACT CSJ:					
ANCESTORT CSJ:					
DESCENDENT CSJ:					
ROW/CON CSJ:					

		AUTHORIZED FUNDING BY CATEGORY / SHARE				
		FEDERAL	STATE	LOCAL	OTHER	TOTAL
Construction:	\$30,000,000					
Preliminary Engineering:	\$1,500,000					
Right of Way Acquisition:	\$0		\$0	\$1,500,000	\$0	\$0
Bond Financing:	\$0		\$0	\$1,500,000	\$0	\$0
Construction Engineering:	\$1,170,000					
Contingencies	\$470,000					
Indirect	\$0					
Other:	\$900,000					
Total:	\$34,040,000					

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

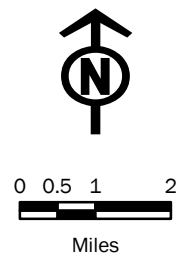
FY 2023

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	E
COUNTY:	McLennan	LIMITS FROM:	US Bus 77	YOE COST:	\$600,000
HIGHWAY NUM:	FM 434	LIMITS TO:	Garden Dr		
CSJ:	0833-04-048	MPO PROJECT ID:	S-019A		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Widen from 2 lanes to 4 lanes, add curb and gutter and bicycle/pedestrian accommodations				PROJECT HISTORY:
REMARKS:	Note: Project under development, funding commitment beyond 2026				
CONTRACT CSJ:					
ANCESTORT CSJ:					
DESCENDENT CSJ:					
ROW/CON CSJ:					

		AUTHORIZED FUNDING BY CATEGORY / SHARE					
		FEDERAL	STATE	LOCAL	OTHER	TOTAL	
Construction:	\$12,000,000						
Preliminary Engineering:	\$600,000						
Right of Way Acquisition:	\$0		\$0	\$600,000	\$0	\$0	\$600,000
Bond Financing:	\$0		\$0	\$600,000	\$0	\$0	\$600,000
Construction Engineering:	\$590,000						
Contingencies	\$275,000						
Indirect	\$0						
Other:	\$625,000						
Total:	\$14,090,000						

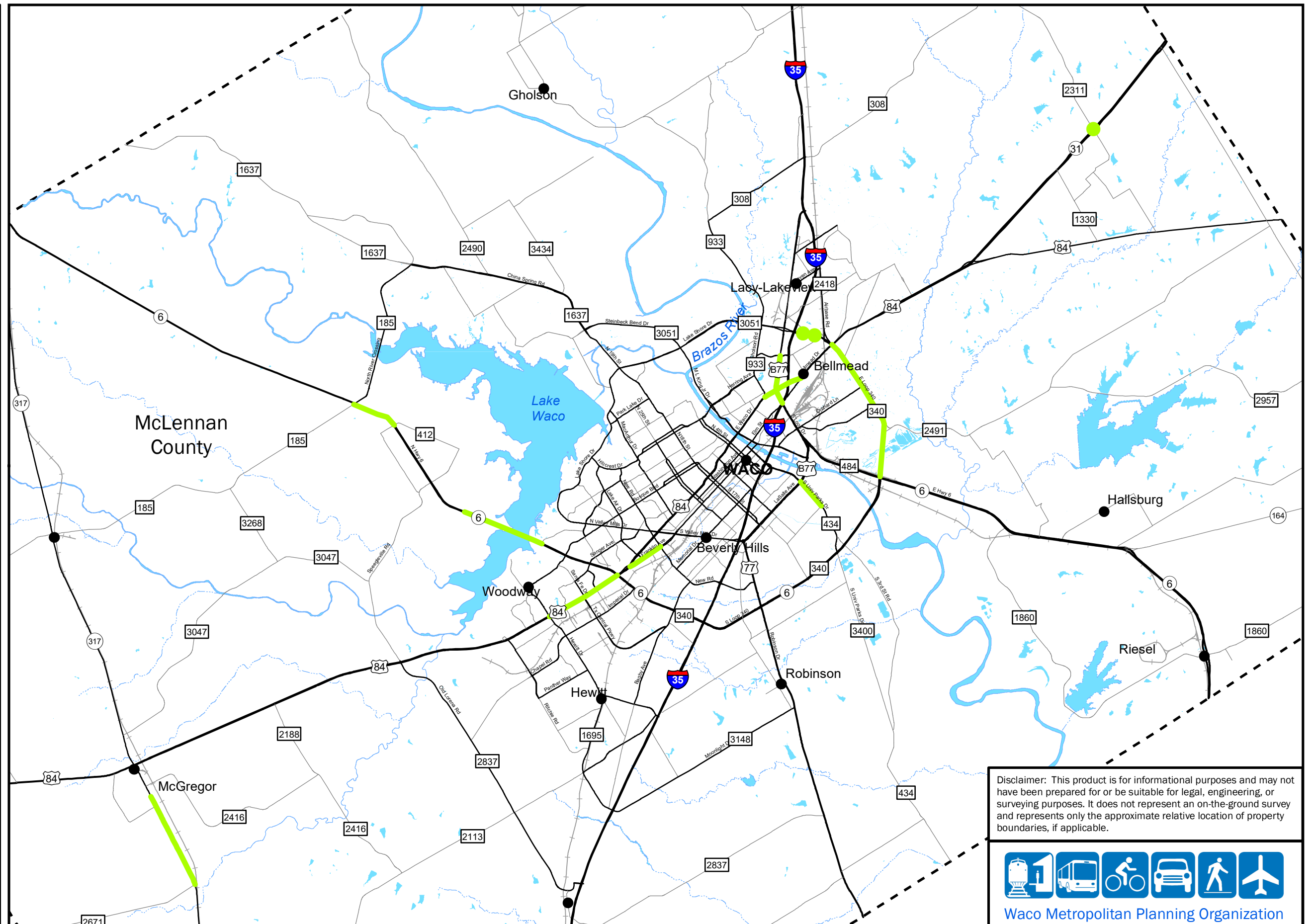
Engineering & ROW Projects

- FY 23
- FY 23



May 2022

Map 2 Waco Metropolitan & Urbanized Area 2023-2026 Transportation Improvement Program Engineering and ROW Projects



Waco Metropolitan Planning Organization

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2026

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	C
COUNTY:	McLennan	LIMITS FROM:	US 84	YOE COST:	\$36,400,000
HIGHWAY NUM:	SP 298	LIMITS TO:	New Road (Cheddar's Dr)		
CSJ:	0055-08-120	MPO PROJECT ID:	S-039A		
REVISION DATE:	Jun-20	PROJECT SPONSOR:	TxDOT		

DESCRIPTION: Reconstruct New Road interchange, add dual left turn and u-turn lanes, remove existing main lanes, convert the existing frontage roads to proposed main lanes

REMARKS:

CONTRACT CSJ:

ANCESTORT CSJ: 0055-08-901

DESCENDENT CSJ:

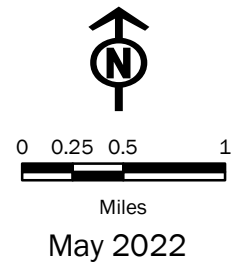
ROW/CON CSJ:

PROJECT HISTORY:

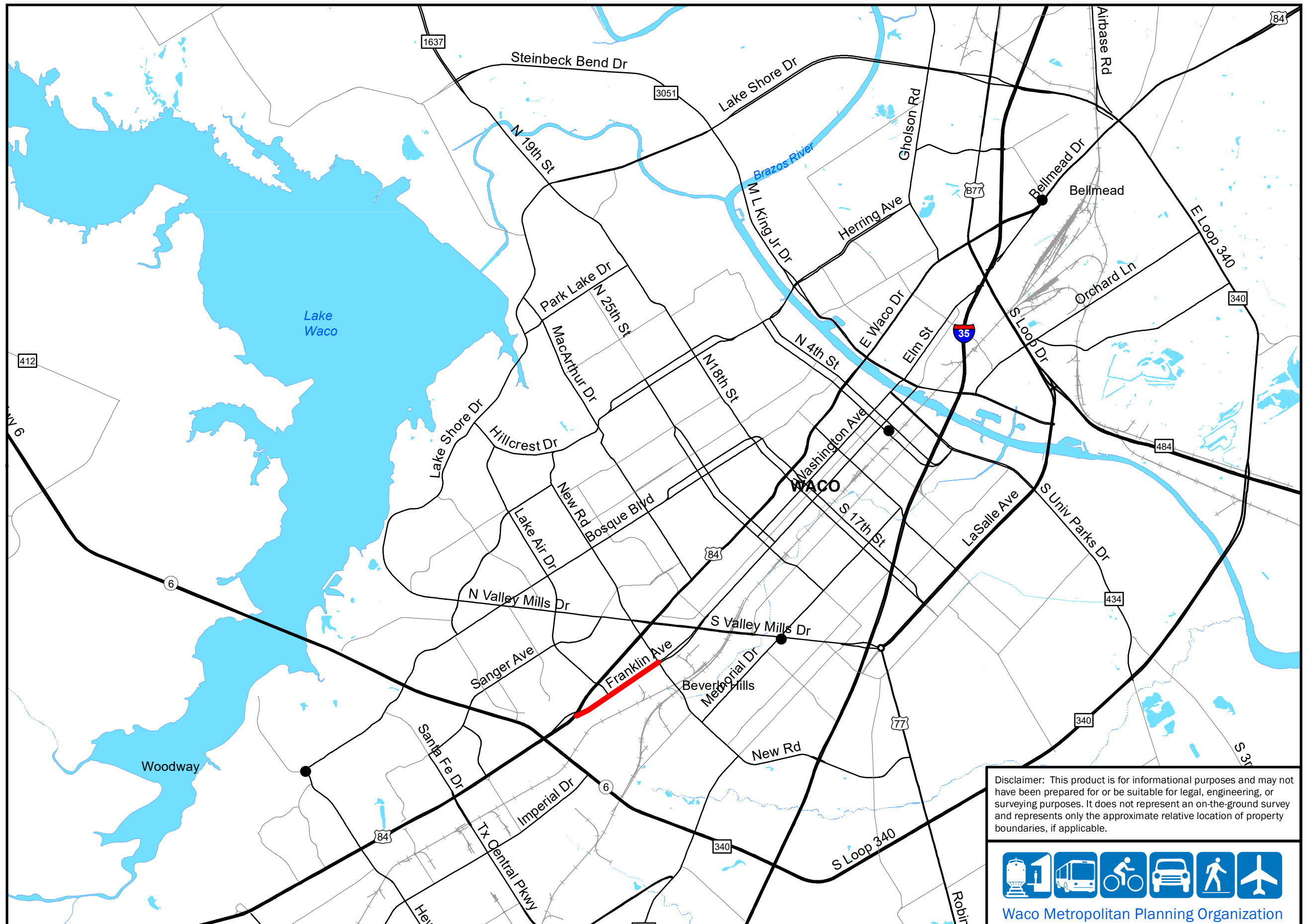
Construction:	\$36,400,000	AUTHORIZED FUNDING BY CATEGORY / SHARE					
Preliminary Engineering:	\$1,700,000		FEDERAL	STATE	LOCAL	OTHER	TOTAL
Right of Way Acquisition:	\$60,000	2U - Urban Mobility	\$29,120,000	\$7,280,000		\$0	\$0 \$36,400,000
Bond Financing:	\$0	TOTAL	\$29,120,000	\$7,280,000		\$0	\$0 \$36,400,000
Construction Engineering:	\$555,000						
Contingencies	\$220,000						
Indirect							
Other:	\$415,000						
Total:	\$39,350,000						

Highway
Construction

 FY 26



Map 3
Waco Metropolitan & Urbanized Area
2023-2026 Transportation Improvement Program
Highway Construction Projects



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

Section 3: Public Transportation Projects

This section outlines those regionally significant public transportation projects that are programmed for the period between fiscal years 2023 and 2026. Transit project listings include projects funded through the Federal Transit Administration (FTA) including the programs of direct recipient Waco Transit System, Inc. These projects are required to be individually listed in the Transportation Improvement Program (TIP) and Statewide Transportation Improvement Program (STIP). Each project listing is independently reviewed and approved by FTA. Note that project identifiers correspond to ids found within *Connections 2045: The Waco Metropolitan Transportation Plan*.

FY 2023 TRANSIT PROJECT DESCRIPTIONS
WACO MPO TRANSPORTATION IMPROVEMENT PROGRAM

YOE = Year of Expenditure

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$1,286,000
		State Funds from TxDOT	\$0
	CT-1S	Other Funds	\$350,000
Apportionment Year	2023	Fiscal Year Cost	\$1,636,000
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$1,636,000
	Preventative Maintenance Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$350,500
		State Funds from TxDOT	\$0
	CT-2S	Other Funds	\$88,500
Apportionment Year	2023	Fiscal Year Cost	\$439,000
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$439,000
	ADA Related Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$1,635,500
		State Funds from TxDOT	\$760,000
	CT-3S	Other Funds	\$760,000
Apportionment Year	2023	Fiscal Year Cost	\$3,155,500
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$3,155,500
	Operating Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$163,800
		State Funds from TxDOT	\$0
	CT-4S	Other Funds	\$41,200
Apportionment Year	2023	Fiscal Year Cost	\$205,000
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$205,000
	Short Range Transportation Planning	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

FY 2023 TRANSIT PROJECT DESCRIPTIONS
WACO MPO TRANSPORTATION IMPROVEMENT PROGRAM

YOE = Year of Expenditure

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$58,800
		State Funds from TxDOT	\$0
	T-1	Other Funds	\$14,000
Apportionment Year	2023	Fiscal Year Cost	\$72,800
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$72,800
	Purchase of Passenger Amenities	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	McLennan County Rural Transit District	Federal Funding Category	5311
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$48,300
		State Funds from TxDOT	\$48,300
	CT-6S	Other Funds	\$0
Apportionment Year	2023	Fiscal Year Cost	\$96,600
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$96,600
	Rural Transportation Program - Operating Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

FY 2024 TRANSIT PROJECT DESCRIPTIONS
WACO MPO TRANSPORTATION IMPROVEMENT PROGRAM

YOE = Year of Expenditure

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$1,338,000
		State Funds from TxDOT	\$0
	CT-1S	Other Funds	\$364,000
Apportionment Year	2024	Fiscal Year Cost	\$1,702,000
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$1,702,000
	Preventative Maintenance Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$365,000
		State Funds from TxDOT	\$0
	CT-2S	Other Funds	\$92,000
Apportionment Year	2024	Fiscal Year Cost	\$457,000
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$457,000
	ADA Related Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$1,701,000
		State Funds from TxDOT	\$790,500
	CT-3S	Other Funds	\$790,500
Apportionment Year	2024	Fiscal Year Cost	\$3,282,000
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$3,282,000
	Operating Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$170,500
		State Funds from TxDOT	\$0
	CT-4S	Other Funds	\$43,000
Apportionment Year	2024	Fiscal Year Cost	\$213,500
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$213,500
	Short Range Transportation Planning	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

FY 2024 TRANSIT PROJECT DESCRIPTIONS
WACO MPO TRANSPORTATION IMPROVEMENT PROGRAM

YOE = Year of Expenditure

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$61,200
		State Funds from TxDOT	\$0
	T-1	Other Funds	\$14,600
Apportionment Year	2024	Fiscal Year Cost	\$75,800
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$75,800
	Purchase of Passenger Amenities	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	McLennan County Rural Transit District	Federal Funding Category	5311
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$48,300
		State Funds from TxDOT	\$48,300
	CT-6S	Other Funds	\$0
Apportionment Year	2024	Fiscal Year Cost	\$96,600
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$96,600
	Rural Transportation Program - Operating Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

FY 2025 TRANSIT PROJECT DESCRIPTIONS
WACO MPO TRANSPORTATION IMPROVEMENT PROGRAM

YOE = Year of Expenditure

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$1,392,000
		State Funds from TxDOT	\$0
	CT-1S	Other Funds	\$379,000
Apportionment Year	2025	Fiscal Year Cost	\$1,771,000
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$1,771,000
	Preventative Maintenance Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$380,000
		State Funds from TxDOT	\$0
	CT-2S	Other Funds	\$96,000
Apportionment Year	2025	Fiscal Year Cost	\$476,000
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$476,000
	ADA Related Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$1,769,000
		State Funds from TxDOT	\$822,000
	CT-3S	Other Funds	\$822,000
Apportionment Year	2025	Fiscal Year Cost	\$3,413,000
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$3,413,000
	Operating Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$177,500
		State Funds from TxDOT	\$0
	CT-4S	Other Funds	\$45,000
Apportionment Year	2025	Fiscal Year Cost	\$222,500
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$222,500
	Short Range Transportation Planning	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

FY 2025 TRANSIT PROJECT DESCRIPTIONS
WACO MPO TRANSPORTATION IMPROVEMENT PROGRAM

YOE = Year of Expenditure

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$63,700
		State Funds from TxDOT	\$0
	T-1	Other Funds	\$15,200
Apportionment Year	2025	Fiscal Year Cost	\$78,900
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$78,900
	Purchase of Passenger Amenities	Trans. Dev. Credits Requested	\$0
Sec 5309 ID Number	n/a	Trans. Dev. Credits Awarded (Date & Amount)	\$0
Amendment Date & Action	June, 2022 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	McLennan County Rural Transit District	Federal Funding Category	5311
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$50,200
		State Funds from TxDOT	\$50,200
	CT-6S	Other Funds	\$0
Apportionment Year	2025	Fiscal Year Cost	\$100,400
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$100,400
	Rural Transportation Program - Operating Expenses	Trans. Dev. Credits Requested	\$0
Sec 5309 ID Number	n/a	Trans. Dev. Credits Awarded (Date & Amount)	\$0
Amendment Date & Action	June, 2022 - Adoption		

FY 2026 TRANSIT PROJECT DESCRIPTIONS
WACO MPO TRANSPORTATION IMPROVEMENT PROGRAM

YOE = Year of Expenditure

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$1,448,000
		State Funds from TxDOT	\$0
	CT-1S	Other Funds	\$394,000
Apportionment Year	2026	Fiscal Year Cost	\$1,842,000
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$1,842,000
	Preventative Maintenance Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$395,000
		State Funds from TxDOT	\$0
	CT-2S	Other Funds	\$100,000
Apportionment Year	2026	Fiscal Year Cost	\$495,000
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$495,000
	ADA Related Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$1,840,000
		State Funds from TxDOT	\$855,000
	CT-3S	Other Funds	\$855,000
Apportionment Year	2026	Fiscal Year Cost	\$3,550,000
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$3,550,000
	Operating Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$184,500
		State Funds from TxDOT	\$0
	CT-4S	Other Funds	\$47,000
Apportionment Year	2026	Fiscal Year Cost	\$231,500
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$231,500
	Short Range Transportation Planning	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

FY 2026 TRANSIT PROJECT DESCRIPTIONS
WACO MPO TRANSPORTATION IMPROVEMENT PROGRAM

YOE = Year of Expenditure

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$66,300
		State Funds from TxDOT	\$0
	T-1	Other Funds	\$15,800
Apportionment Year	2026	Fiscal Year Cost	\$82,100
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$82,100
	Purchase of Passenger Amenities	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	McLennan County Rural Transit District	Federal Funding Category	5311
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$52,200
		State Funds from TxDOT	\$52,200
	CT-6S	Other Funds	\$0
Apportionment Year	2026	Fiscal Year Cost	\$104,400
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$104,400
	Rural Transportation Program - Operating Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	June, 2022 - Adoption		

Section 4: Description of Anticipated Effect of TIP projects toward achieving performance targets

Connections 2045: The Waco Metropolitan Transportation Plan (MTP) incorporates into its guiding principles each of the FAST Act required performance targets adopted or supported by the Waco MPO Policy Board at the time of adoption in January 2020. MPO staff developed scoring criteria to evaluate and prioritize each project proposed for the MTP based upon how well the project is forecasted to help accomplish one or more of the regional targets as well as several other metrics identified as being important to the MPO Policy Board. The MTP project selection criteria can be found in Appendix B of the MTP. Projects forecasted to have a more significant positive impact generally score higher and result in a higher priority within the MTP. The highest MTP priorities are then identified within the Short-Range Priorities of the MTP recommendations which represent projects to be implemented by the year 2030. Short-Range priorities, however, are contingent upon sufficient resources being projected within the MTP financial forecast. Short-Range priorities are authorized for various project development phases, such as engineering, right of way acquisition and utility relocation. The goal is to have these projects ready for construction or implementation once sufficient funds have been identified. Once formal funding commitments have been made for these projects, inclusion into the TIP is proposed by MPO staff.

The projects proposed for inclusion within the 2023-2026 TIP are consistent with the highest priorities identified within the MTP. These are the projects the MTP evaluation criteria anticipate will have the greatest impact on helping the Waco region achieve its FAST Act targets. In addition, these are the projects which are ready for one or more phases of implementation and have received a formal commitment of funding. See Appendix G for a discussion of regional performance targets and relationship to TIP priorities.

Section 5: Fiscal Constraint and Financial Summary

In order for a project to be included within the TIP, a source of funding must be identified and committed to the project. The Texas Department of Transportation has 12 different funding categories to fund highway projects. Note that the Waco Region is not eligible for certain categories of funding. Table 5.1 identifies the funds available for highways to the Waco MPO Region by funding category and project costs. Categorical projects are fiscally constrained on a statewide basis but not necessarily for each metropolitan area.

Transit projects include all operating funds allocated to Waco Transit and any capital purchases / construction that have received a financial commitment. Table 5.2 identifies the funds available for transit to the Waco MPO Region by category and project cost.

Waco MPO

Initial FY 2023 - 2026 Transportation Improvement Program

Funding by Category

		FY 2023		FY 2024		FY 2025		FY 2026		Total FY 2023 - 2026	
Funding Category	Description	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	\$14,078,000	\$14,078,000	\$0	\$0	\$0	\$0	\$36,400,000	\$36,400,000	\$50,478,000	\$50,478,000
3	Non-Traditionally Funded Transportation Project	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3DB	Design Build (DB)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Urban and Regional Connectivity	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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	\$0		\$0		\$0	\$0	\$0	\$0	\$0	\$0
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		\$14,078,000	\$14,078,000	\$0	\$0	\$0	\$0	\$36,400,000	\$36,400,000	\$50,478,000	\$50,478,000

Funding Participation Source

Source	FY 2023	FY 2024	FY 2025	FY 2026	Total FY 23-26
Federal	\$0	\$0	\$0	\$29,120,000	\$29,120,000
State	\$14,078,000	\$0	\$0	\$7,280,000	\$21,358,000
Local Match	\$0	\$0	\$0	\$0	\$0
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 - Vehicle Registration Fees - VTR	\$0	\$0	\$0	\$0	\$0
CAT 3 - RTR	\$0	\$0	\$0	\$0	\$0
CAT 3 - PTF	\$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	\$14,078,000	\$0	\$0	\$36,400,000	\$50,478,000

Note:

1. Funding for projects to be completed under the statewide project groupings are constrained to reasonably expected sources of Federal, State, and local funding categories consistent with the MPO's financial plan and are listed in Appendix H for informational purposes.

Table 5.2 Transit Financial Summary
Waco Metropolitan Planning Organization
FY 2023- 2026 Transportation Improvement Program

All Figures in Year of Expenditure (YOE) Dollars

Current as of 11/17/ 2021

Transit Program		FY 2023			FY 2024			FY 2025		
		Federal	State/Other	Total	Federal	State/Other	Total	Federal	State/Other	Total
1	Sec. 5307 - Urbanized Formula >200K	\$3,494,600	\$2,013,700	\$5,508,300	\$3,635,700	\$2,094,600	\$5,730,300	\$3,782,200	\$2,179,200	\$5,961,400
2	Sec. 5307 - Urbanized Formula <200K			\$0			\$0			\$0
3	Sec. 5309 - Discretionary			\$0			\$0			\$0
4	Sec. 5310 - Elderly & Individuals w/Disabilities			\$0			\$0			\$0
5	Sec. 5311 - Nonurbanized Formula			\$0			\$0			\$0
6	Sec. 5316 - JARC >200K			\$0			\$0			\$0
7	Sec. 5316 - JARC <200K			\$0			\$0			\$0
8	Sec. 5316 - JARC Nonurbanized			\$0			\$0			\$0
9	Sec. 5317 - New Freedom >200K			\$0			\$0			\$0
10	Sec. 5317 - New Freedom <200K			\$0			\$0			\$0
11	Sec. 5317 - New Freedom Nonurbanized			\$0			\$0			\$0
12	Other FTA			\$0			\$0			\$0
13	Regionally Significant or Other			\$0			\$0			\$0
Total Funds		\$3,494,600	\$2,013,700	\$5,508,300	\$3,635,700	\$2,094,600	\$5,730,300	\$3,782,200	\$2,179,200	\$5,961,400
Transportation Development Credits										
Requested										
Awarded										

All Figures in Year of Expenditure (YOE) Dollars

Transit Programs		FY 2026			FY 2023-2026 Total		
		Federal	State/Other	Total	Federal	State/Other	Total
1	Sec. 5307 - Urbanized Formula >200K	\$3,933,800	\$2,266,800	\$6,200,600	\$14,846,300	\$8,554,300	\$23,400,600
2	Sec. 5307 - Urbanized Formula <200K			\$0	\$0	\$0	\$0
3	Sec. 5309 - Discretionary			\$0	\$0	\$0	\$0
4	Sec. 5310 - Elderly & Individuals w/Disabilities			\$0	\$0	\$0	\$0
5	Sec. 5311 - Nonurbanized Formula			\$0	\$0	\$0	\$0
6	Sec. 5316 - JARC >200K			\$0	\$0	\$0	\$0
7	Sec. 5316 - JARC <200K			\$0	\$0	\$0	\$0
8	Sec. 5316 - JARC Nonurbanized			\$0	\$0	\$0	\$0
9	Sec. 5317 - New Freedom >200K			\$0	\$0	\$0	\$0
10	Sec. 5317 - New Freedom <200K			\$0	\$0	\$0	\$0
11	Sec. 5317 - New Freedom Nonurbanized			\$0	\$0	\$0	\$0
12	Other FTA			\$0	\$0	\$0	\$0
13	Regionally Significant or Other			\$0	\$0	\$0	\$0
Total Funds		\$3,933,800	\$2,266,800	\$6,200,600	\$14,846,300	\$8,554,300	\$23,400,600
Transportation Development Credits							
Requested							
Awarded							

Appendix A: Board & Committee Membership and Staff

Fiscal Year 2022

MPO Policy Board

Chair

Hon. Jim Holmes

Councilmember, City of Waco

Vice-Chair

Hon. Josh Borderud

Councilmember, City of Waco

Members

Hon. Andrea Barefield

Councilmember, City of Waco

Mr. Jacob Bell

Citizen Representative, City of Waco

Mr. Keith Bond

City Manager, City of Lacy-Lakeview

Hon. Bert Echterling

Mayor, City of Robinson

Ms. Deidra Emerson

Deputy City Manager, City of Waco

Mr. Kevin Evans

City Manager, City of McGregor

Hon. Scott Felton

County Judge, McLennan County

Hon. Travis Gibson

Mayor, City of Bellmead

Mr. Ross Harris

Plan Commission Chair, City of Waco

Hon. Jim Jaska

Mayor, City of Ross

Hon. Will Jones

County Commissioner, McLennan County

Hon. Dillon Meek

Mayor, City of Waco

Dr. Shawn Oubre

City Manager, City of Woodway

Hon. Alice Rodriguez

Councilmember, City of Waco

Mr. Stan Swiatek

District Engineer, Texas Dept of Transportation

Mr. Everett "Bo" Thomas

City Manager, City of Hewitt

Ex-Officio Members

The Honorable Charles "Doc" Anderson

Texas House of Representatives, District 56

The Honorable Brian Birdwell

Texas Senator, District 22

The Honorable John Cornyn

U.S. Senator

The Honorable Ted Cruz

U.S. Senator

The Honorable Pete Sessions

U.S. House of Representatives, District 17

The Honorable Kyle Kacal

Texas House of Representatives, District 12

Ms. Barbara Maley

Federal Highway Administration

Mr. Tony Ogboli

Federal Transit Administration

MPO Technical Advisory Committee

Chair	TBD
Vice Chair	TBD

Members

Amy Burlarley-Hyland	Director of Public Works, City of Waco
Mitch Davison	Director of Community Services, City of Woodway
Tom Dickson	Chief of Police, City of Lorena, Small Cities South Representative
Zane Dunnam	County Engineer, McLennan County
Victor Goebel	Director, Transportation Planning and Development, Waco District, TxDOT
Brenton Lane	Engineer, Transportation Planning and Development, Waco District, TxDOT
Craig Lemin	City Manager, City of Robinson
Francisco Leos	Citizen Representative, City of McGregor
Matt Meadors	President / CEO, Greater Waco Chamber of Commerce
Andy Moore	Director of Public Works, City of Lacy Lakeview
Erasmo "Mo" Olivarez	Code Enforcement Officer, City of Beverly Hills, Small Cities North Representative
Matt Penney	Director of Parking & Transportation Services, Baylor University
Serena Stevenson	General Manager, Waco Transit System, Inc.
Beatriz Wharton	Planning Services Manager, City of Waco
Clayton Zacha	Area Engineer, McLennan County, TxDOT
(Vacant)	City of Bellmead
(Vacant)	Water Utilities, City of Waco
(Vacant)	City of Hewitt
(Vacant)	Waco MPO Citizen's Participation Work Group

Ex-Officio Members

Christi Bonham	Transportation Planner, Waco District, TxDOT
Brigida Gonzalez	Transportation Planner – MPO Coordinator, Transportation Planning & Programming Division, TxDOT
Jeff Jackson	Assistant Area Engineer, McLennan County, TxDOT
Joel Martinez	Airport Manager, Waco Regional Airport
(Vacant)	Public Transportation Coordinator, Waco District, TxDOT
Barbara Maley	Federal Highway Administration
Tony Ogboli	Federal Transit Administration

MPO Staff

Mukesh Kumar	Director
Annette Polk	Senior Planner

Appendix B: Glossary

AMERICANS WITH DISABILITY ACT OF 1990 (ADA): A federal law mandating changes in building codes, transportation, and hiring practices to prevent discrimination against persons with disabilities. The act applies not just to projects utilizing federal dollars, but all new public places, conveyances, and employers.

CSJ: Control Section Job Number - TxDOT assigned number for projects entered into the Project Development Program (PDP).

DEPARTMENT OF TRANSPORTATION (DOT): The U.S. Department of Transportation.

FEDERAL HIGHWAY ADMINISTRATION (FHWA): The agency of U.S. DOT with jurisdiction over highways.

FEDERAL TRANSIT ADMINISTRATION (FTA): The agency of U.S. DOT with jurisdiction over transit. Formerly the Urban Mass Transit Administration (UMTA).

HIGHWAYS: Term applied to roads, streets, parkways, or expressways and also includes rights of way, bridges, railroad crossings, drainage tunnels, drainage structures, signs, guardrails, and protective structures in connection with highways.

LEVEL OF SERVICE (LOS): A statistic used to estimate the level of congestion a particular highway facility is either currently experiencing or is expected to experience in the future. LOS is usually measured by taking the current or projected daily traffic volume and dividing it by the estimated traffic capacity of the highway (see volume to capacity ratio). LOS is then given in terms of the letters A through F where LOS "A" represents free flow conditions and LOS "F" represents extreme congestion during peak driving periods. LOS "F" is defined as a volume to capacity ratio of 1.0 or greater.

METROPOLITAN PLANNING ORGANIZATION (MPO): The agency designated by the Governor (or Governors in multi-state areas) to administer the federally required planning process in a metropolitan area with an urbanized area population greater than 50,000. The MPO is responsible for oversight regarding the expenditure of federal transportation funds within the metropolitan area. This oversight is governed by the 25 year metropolitan transportation plan and the transportation improvement program.

METROPOLITAN TRANSPORTATION PLAN (MTP): A document, formerly known as the Long Range Transportation Plan, which identifies existing and future transportation deficiencies and needs, as well as network improvements needed to meet mobility requirements during the 25 year planning period. To receive federal transportation funds, a project must be included within the MTP and the Transportation Improvement Program (TIP).

NATIONAL AMBIENT AIR QUALITY STANDARD (NAAQS): Federally mandated maximum levels for air pollutants such as ozone, carbon dioxide, particulate matter, sulfur dioxide, nitrous oxide, and lead.

NATIONAL ENVIRONMENTAL POLICY ACT (NEPA): Federal Law which requires the documentation of any and all environmental impacts for any project utilizing federal monies. Any finding of a significant environmental impact requires an assessment of those impacts and the evaluation of alternatives to reduce, mitigate, or eliminate those impacts.

NON-ATTAINMENT AREA: A designation by the Environmental Protection Agency of any place in the United States that fails to meet the National Ambient Air Quality Standard (NAAQS).

PROJ ID: MPO assigned project identification number.

RIGHT OF WAY (ROW): Land that is either purchased or dedicated for the construction of public improvements (e.g. highways, airports, water or sewer lines, etc.).

SAFE, ACCOUNTABLE, FLEXIBLE AND EFFICIENT TRANSPORTATION EQUITY ACT: A LEGACY FOR USERS (SAFETEA-LU): The reauthorization bill for the Transportation Efficiency Act For The 21st Century (TEA-21)

SURFACE TRANSPORTATION PROGRAM (STP): One of the key capital programs within Title I of the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) and continued within TEA-21 and SAFETEA-LU. It provides flexibility in expenditures of funds dedicated for highways for non-motorized and transit modes as well as for transportation enhancements.

TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT): Agency responsible for construction and maintenance of state highway facilities, oversees the operation of public transit agencies in Texas, and provides oversight for rail, water and air transportation in Texas. TxDOT also oversees the distribution and regulation of planning funds to the MPOs.

TITLE VI, CIVIL RIGHTS ACT: No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.

TRANSPORTATION CONTROL MEASURE (TCM): Any measure designed to reduce congestion, emissions, and other traffic problems. These measures are typically implemented in order that a Non-Attainment Area meet the requirements within the National Ambient Air Quality Standard (NAAQS).

TRANSPORTATION ENHANCEMENTS: Refers to projects which "enhance" an existing or proposed transportation facility. Examples include provision of facilities for pedestrians or bicyclists, landscaping or other scenic beautification projects, historic preservation, control or removal of outdoor advertising, archeological planning and research, and mitigation of water pollution due to highway runoff.

TRANSPORTATION IMPROVEMENT PROGRAM (TIP): A four year transportation construction and implementation document designed to provide local input into the investment of federal transportation funds.

UNIFIED PLANNING WORK PROGRAM (UPWP): Biennial report or budget document prepared by the Waco MPO describing transportation planning activities which will be performed by the MPO.

UNITED STATES DEPARTMENT OF TRANSPORTATION (USDOT): Principal federal funding and regulating agency for transportation facilities.

URBANIZED AREA: A census classification for an area having a population of 50,000 or greater and meets census defined population density requirements.

VOLUME TO CAPACITY RATIO (V/C RATIO): A statistics defined as the current or projected daily traffic volume divided by the estimated traffic capacity of the highway. Used for defining the Level of Service (LOS) for a particular highway.

Appendix C: MPO Self-Certification – Air Quality Attainment Area

In accordance with 23 CFR Part 450.336 and 450.220 of the Fixing America's Surface Transportation Act (FAST Act), the Texas Department of Transportation and the Waco Metropolitan Planning Organization for the Waco urbanized area(s) hereby certify that the transportation planning process is addressing the major issues in the metropolitan planning area and is being conducted in accordance with all applicable requirements of:


- (1) 23 U.S.C. 134, 49 U.S.C. 5303 and this subpart;
- (2) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
- (3) 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex or age in employment or business opportunity;
- (4) Section 1101(b) of the SAFETEA-LU (Pub. L. 114-357) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
- (5) 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- (6) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101et seq.) and 49 CFR parts 27, 37 and 38;
- (7) The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- (8) Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
- (9) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

DocuSigned by:

Stanley Swiatek
Stanley Swiatek, P.E.
District Engineer, Waco District
Texas Department of Transportation

6/3/2022

Date


Jim Holmes
Waco Metropolitan Planning Organization
Policy Board Chair

June 3, 2022

Date

Appendix D: Projects Undergoing Environmental Assessment

This Appendix contains projects that are scheduled for implementation beyond the four years of the TIP time frame. Each project is identified within *Connections 2045: The Waco Metropolitan Transportation Plan* and may be under some phase of development as identified within the Texas Department of Transportation Unified Transportation Program. These projects are included in this appendix to recognize some commitment on the part of the Waco MPO Policy Board to implement these phases of work at a future date pending a formal commitment of funding. Note: Inclusion of a project or phase of work within Appendix D of this document in no way implies that these projects are programmed in the TIP. Cost estimates are preliminary and do not represent any current commitment of construction funding.

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

APPENDIX D

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	C
COUNTY:	McLennan	LIMITS FROM:	South 12th Street	YOE COST:	\$262,500,000
HIGHWAY NUM:	IH-35	LIMITS TO:	North Loop 340		
CSJ:	0015-01-246	MPO PROJECT ID:	S-022		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Reconstruct, widen to 8 main lanes, extend frontage roads, realign ramps			PROJECT HISTORY:	

REMARKS:

CONTRACT CSJ:
ANCESTORT CSJ: 0015-01-171
DESCENDENT CSJ:
ROW/CON CSJ: 0015-01-234

Construction:	\$262,500,000
Preliminary Engineering:	\$13,125,000
Right of Way Acquisition:	\$0
Bond Financing:	\$0
Construction Engineering:	\$13,500,000
Contingencies	\$15,000,000
Indirect	\$0
Other:	\$0
Total:	\$304,125,000

NO CURRENT FUNDING COMMITMENT

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

APPENDIX D

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	C
COUNTY:	McLennan	LIMITS FROM:	0.5 miles south of FM 2311	YOE COST:	\$11,200,000
HIGHWAY NUM:	SH 31	LIMITS TO:	0.5 miles north of FM 2311		
CSJ:	0162-01-100	MPO PROJECT ID:	S-061, S-066		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Construct new main lane overpasses and approaches at FM 2311				PROJECT HISTORY:

REMARKS: Note: Project under development, no current funding commitment

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

Construction:	\$11,200,000
Preliminary Engineering:	\$560,000
Right of Way Acquisition:	\$0
Bond Financing:	\$0
Construction Engineering:	\$995,000
Contingencies	\$500,000
Indirect	\$0
Other:	\$665,000
Total:	\$13,920,000

NO CURRENT FUNDING COMMITMENT

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

APPENDIX D

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	C
COUNTY:	McLennan	LIMITS FROM:	US 84 (Bellmead Dr)	YOE COST:	\$26,320,000
HIGHWAY NUM:	East Loop 340	LIMITS TO:	Lp 484 (Marlin Hwy)		
CSJ:	2362-01-034	MPO PROJECT ID:	S-001A		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Widen to 4 lanes divided				PROJECT HISTORY:

REMARKS: Note: Project under development, no current funding commitment

CONTRACT CSJ:

ANCESTORT CSJ: 2362-01-901

DESCENDENT CSJ:

ROW/CON CSJ:

Construction:	\$26,320,000
Preliminary Engineering:	\$1,225,000
Right of Way Acquisition:	\$0
Bond Financing:	\$0
Construction Engineering:	\$1,170,000
Contingencies	\$470,000
Indirect	\$0
Other:	\$900,000
Total:	\$30,085,000

NO CURRENT FUNDING COMMITMENT

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

APPENDIX D

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	C
COUNTY:	McLennan	LIMITS FROM:	SP 412 (McLaughlin Rd)	YOE COST:	\$8,960,000
HIGHWAY NUM:	SH 6	LIMITS TO:	FM 185 (Lady Bird Rd)		
CSJ:	0258-08-035	MPO PROJECT ID:	S-031A		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Widen from 2 lanes to 4 lanes with center turn lane				PROJECT HISTORY:

REMARKS: Note: Project under development, no current funding commitment

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

Construction:	\$8,960,000
Preliminary Engineering:	\$448,000
Right of Way Acquisition:	\$0
Bond Financing:	\$0
Construction Engineering:	\$397,000
Contingencies	\$160,000
Indirect	\$0
Other:	\$300,000
Total:	\$10,265,000

NO CURRENT FUNDING COMMITMENT

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

APPENDIX D

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	C
COUNTY:	McLennan	LIMITS FROM:	Bridges over Lake Waco	YOE COST:	\$34,000,000
HIGHWAY NUM:	SH 6	LIMITS TO:			

0258-09-147

CSJ: 0258-09-148 MPO PROJECT ID: S-032F

REVISION DATE: Jun-22 PROJECT SPONSOR: TxDOT

DESCRIPTION: Reconstruct and widen Lake Waco Bridges and approaches to accommodate 4 lanes with shoulders

REMARKS: Note: Project under development, no current funding commitment

CONTRACT CSJ:

ANCESTORT CSJ:

DESCENDENT CSJ:

ROW/CON CSJ:

PROJECT HISTORY:

Construction:	\$34,000,000
Preliminary Engineering:	\$1,700,000
Right of Way Acquisition:	\$0
Bond Financing:	\$0
Construction Engineering:	\$1,170,000
Contingencies	\$470,000
Indirect	\$0
Other:	\$900,000
Total:	\$38,240,000

NO CURRENT FUNDING COMMITMENT

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

APPENDIX D

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	C
COUNTY:	McLennan	LIMITS FROM:	FM 1695 (Hewitt Dr)	YOE COST:	\$15,000,000
HIGHWAY NUM:	US 84	LIMITS TO:	SH 6 / South Loop 340		
CSJ:	0055-08-121	MPO PROJECT ID:	S-048E		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Reconstruct frontage roads, realign on and off ramps from Diamond to "X" configuration, construct auxillary lanes				PROJECT HISTORY:
REMARKS:	Note: Project under development, no current funding commitment				
CONTRACT CSJ:					
ANCESTORT CSJ:					
DESCENDENT CSJ:					
ROW/CON CSJ:					

Construction:	\$15,000,000
Preliminary Engineering:	\$750,000
Right of Way Acquisition:	\$35,000
Bond Financing:	\$0
Construction Engineering:	\$70,500
Contingencies	\$45,000
Indirect	\$0
Other:	\$0
Total:	\$15,900,500

NO CURRENT FUNDING COMMITMENT

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

APPENDIX D

TXDOT DISTRICT:	Waco	CITY:	McGregor	PHASE:	C
COUNTY:	McLennan	LIMITS FROM:	Bluebonnet Pkwy	YOE COST:	\$40,000,000
HIGHWAY NUM:	SH 317	LIMITS TO:	FM 2671 (Mother Neff Pkwy)		
	0398-02-025				
CSJ:	0398-03-063	MPO PROJECT ID:	S-028		

REVISION DATE: Jun-22 PROJECT SPONSOR: TxDOT

DESCRIPTION: Widen to 4 lanes with center median, construct overpass for proposed BNSF RR Spur

REMARKS: Note: Project under development, no current funding commitment

CONTRACT CSJ:

ANCESTORT CSJ:

DESCENDENT CSJ:

ROW/CON CSJ:

PROJECT HISTORY:

Construction:	\$40,000,000
Preliminary Engineering:	\$2,000,000
Right of Way Acquisition:	\$0
Bond Financing:	\$0
Construction Engineering:	\$1,000,000
Contingencies	\$400,000
Indirect	\$0
Other:	\$900,000
Total:	\$44,300,000

NO CURRENT FUNDING COMMITMENT

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

APPENDIX D

TXDOT DISTRICT:	Waco	CITY:	McGregor	PHASE:	C
COUNTY:	McLennan	LIMITS FROM:	US 84 west of McGregor	YOE COST:	\$40,000,000

HIGHWAY NUM:	McGregor	LIMITS TO:	US 84 east of McGregor (Windsor Rd)
CSJ:	South Bypass	MPO PROJECT ID:	L-029

REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT
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DESCRIPTION:	Construct 2-lane State Loop, construct overpass across BNSF RR, install traffic signals at SH 317 and US 84
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REMARKS:	Note: Project under development, no current funding commitment
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CONTRACT CSJ:
ANCESTORT CSJ:
DESCENDENT CSJ:
ROW/CON CSJ:

PROJECT HISTORY:

Construction:	\$40,000,000
Preliminary Engineering:	\$2,000,000
Right of Way Acquisition:	\$1,500,000
Bond Financing:	\$0
Construction Engineering:	\$1,000,000
Contingencies	\$400,000
Indirect	\$0
Other:	\$600,000
Total:	\$45,500,000

NO CURRENT FUNDING COMMITMENT

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

APPENDIX D

TXDOT DISTRICT:	Waco	CITY:	Bellmead	PHASE:	C
COUNTY:	McLennan	LIMITS FROM:	IH-35	YOE COST:	\$1,200,000
HIGHWAY NUM:	N Loop 340	LIMITS TO:	Union Pacific RR Overpass		
CSJ:		MPO PROJECT ID:	S-072		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		

DESCRIPTION: Install traffic signals at Bank Dr and Research Blvd, install pedestrian crosswalks and refuge islands at both intersections, construct continuous sidewalks along wouth side of road

REMARKS: Note: Project under development, no current funding commitment

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

PROJECT HISTORY:

Construction:	\$1,200,000
Preliminary Engineering:	\$60,000
Right of Way Acquisition:	\$0
Bond Financing:	\$0
Construction Engineering:	\$40,000
Contingencies	\$0
Indirect	\$0
Other:	\$0
Total:	\$1,300,000

NO CURRENT FUNDING COMMITMENT

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

APPENDIX D

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	C
COUNTY:	McLennan	LIMITS FROM:	Intersection at US Bus 77	YOE COST:	\$30,000,000
HIGHWAY NUM:	US 84	LIMITS TO:	(Potts Interchange)		
CSJ:	0055-15-077	MPO PROJECT ID:	S-057		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Convert to at-grade roundabout, construct bicycle and pedestrian path through intersection				PROJECT HISTORY:
REMARKS:	Note: Project under development, no current funding commitment				
CONTRACT CSJ:					
ANCESTORT CSJ:					
DESCENDENT CSJ:					
ROW/CON CSJ:					

Construction:	\$30,000,000
Preliminary Engineering:	\$1,500,000
Right of Way Acquisition:	\$0
Bond Financing:	\$0
Construction Engineering:	\$1,170,000
Contingencies	\$470,000
Indirect	\$0
Other:	\$900,000
Total:	\$34,040,000

NO CURRENT FUNDING COMMITMENT

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026**

WACO METROPOLITAN PLANNING ORGANIZATION

APPENDIX D

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	C
COUNTY:	McLennan	LIMITS FROM:	US Bus 77	YOE COST:	\$12,000,000
HIGHWAY NUM:	FM 434	LIMITS TO:	Garden Dr		
CSJ:	0833-04-048	MPO PROJECT ID:	S-019A		
REVISION DATE:	Jun-22	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Widen from 2 lanes to 4 lanes, add curb and gutter and bicycle/pedestrian accommodations				PROJECT HISTORY:
REMARKS:	Note: Project under development, no current funding commitment				
CONTRACT CSJ:					
ANCESTORT CSJ:					
DESCENDENT CSJ:					
ROW/CON CSJ:					

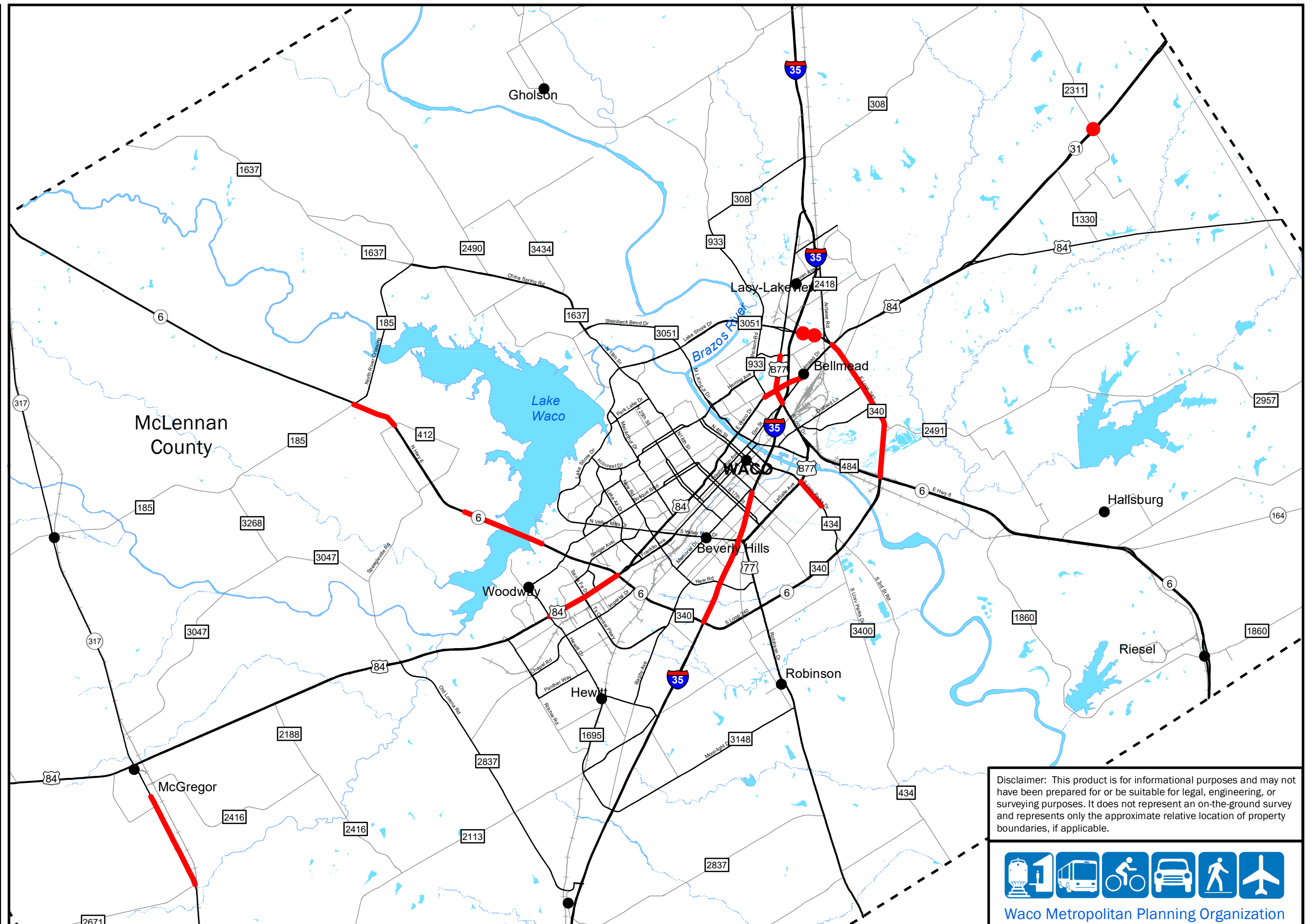
Construction:	\$12,000,000
Preliminary Engineering:	\$600,000
Right of Way Acquisition:	\$0
Bond Financing:	\$0
Construction Engineering:	\$590,000
Contingencies	\$275,000
Indirect	\$0
Other:	\$625,000
Total:	\$14,090,000

NO CURRENT FUNDING COMMITMENT



May 2022

Map D-1
Waco Urbanized Area
2023-2026 Transportation Improvement Program
Appendix D: Highway Projects Beyond Year 2026



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

Appendix E: Public Involvement Process and Comments

The Waco MPO solicited public input into the draft TIP consistent with requirements identified within the Waco MPO Public Participation Plan. A formal public comment period on the TIP was opened on April 8, 2022 and closed on May 8, 2022. The public comment period was advertised in accordance to requirements identified within the MPO public participation plan.

The draft TIP was uploaded to the MPO website for public review during the formal comment period and was available for viewing at the City of Waco / Dr. Mae Jackson Development Center and at the Waco Transit System Administration Office.

The draft TIP was presented at two public informational meetings for the purpose of obtaining public input:

- Monday April 11, 2022 (Virtual, 12:00 Noon)
- Monday April 11, 2022 (Virtual, 5:30 PM)

Information for accessing these meetings was made available for viewing online on April 7, 2022, and through public notices and press releases published beginning on April 8, 2022 in accordance with noticing requirements identified within the MPO public participation plan.

Appendix F: Grouped Projects

In cooperation with the Federal Highway Administration, the Texas Department of Transportation developed statewide programs identified by statewide CSJs to maximize the provisions for grouping projects that are not determined to be regionally significant in one line item, as allowed for in Title 23 USC Section 135 Statewide Planning. A table of the eligible funding categories and corresponding CSJs can be found in this section.

Grouped CSJ projects are financially constrained at the state level. The use of statewide CSJs for these categories provides a more efficient method of programming and letting projects and decreases the necessity for TIP/STIP revisions. The Waco MPO will not have any Category 2U projects listed in this section of the TIP. An illustrative listing of the grouped CSJ projects eligible to be let during the FY 2023-2026 timeframe is provided below.

Grouped Bicycle and Pedestrian Projects

The following is an illustrative list of grouped bicycle and pedestrian projects. These local projects are not individually programmed in the TIP and are advanced as part of the STIP grouped project categories. Note that MPO project identifiers correspond to IDs found within *Connections 2045 – The Waco Metropolitan Transportation Plan*, if applicable. The grouped bicycle and pedestrian projects are shown on Map H-1.

Project: MKT Trail
Program: Transportation Alternatives
Fiscal Year: 2023
Applicant: City of Waco
Extent: Purchased UPRR property from US 84 (East Waco Dr) to FM 933 (Gholson Rd)
MPO ID BP-007
TxDOT ID 0055-15-076

Construct 12-foot-wide reinforced concrete shared use trail for approximately 6,550 linear feet for bicycles and pedestrians

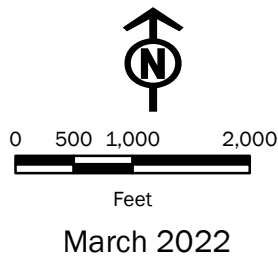
Project: Cedar Ridge Sidewalks
Program: Transportation Alternatives
Fiscal Year: 2024
Applicant: City of Waco
Extent: CS (N 19th St) from Lake Shore Dr to Park Lake Dr
MPO ID L-016
TxDOT ID 0909-22-191

Project: Indian Spring Pedestrian Connectivity
Program: Transportation Alternatives
Fiscal Year: 2024
Applicant: City of Waco
Extent: Jefferson Ave from N 13th St to 4th St, N University Parks Dr
TxDOT ID 0909-22-194

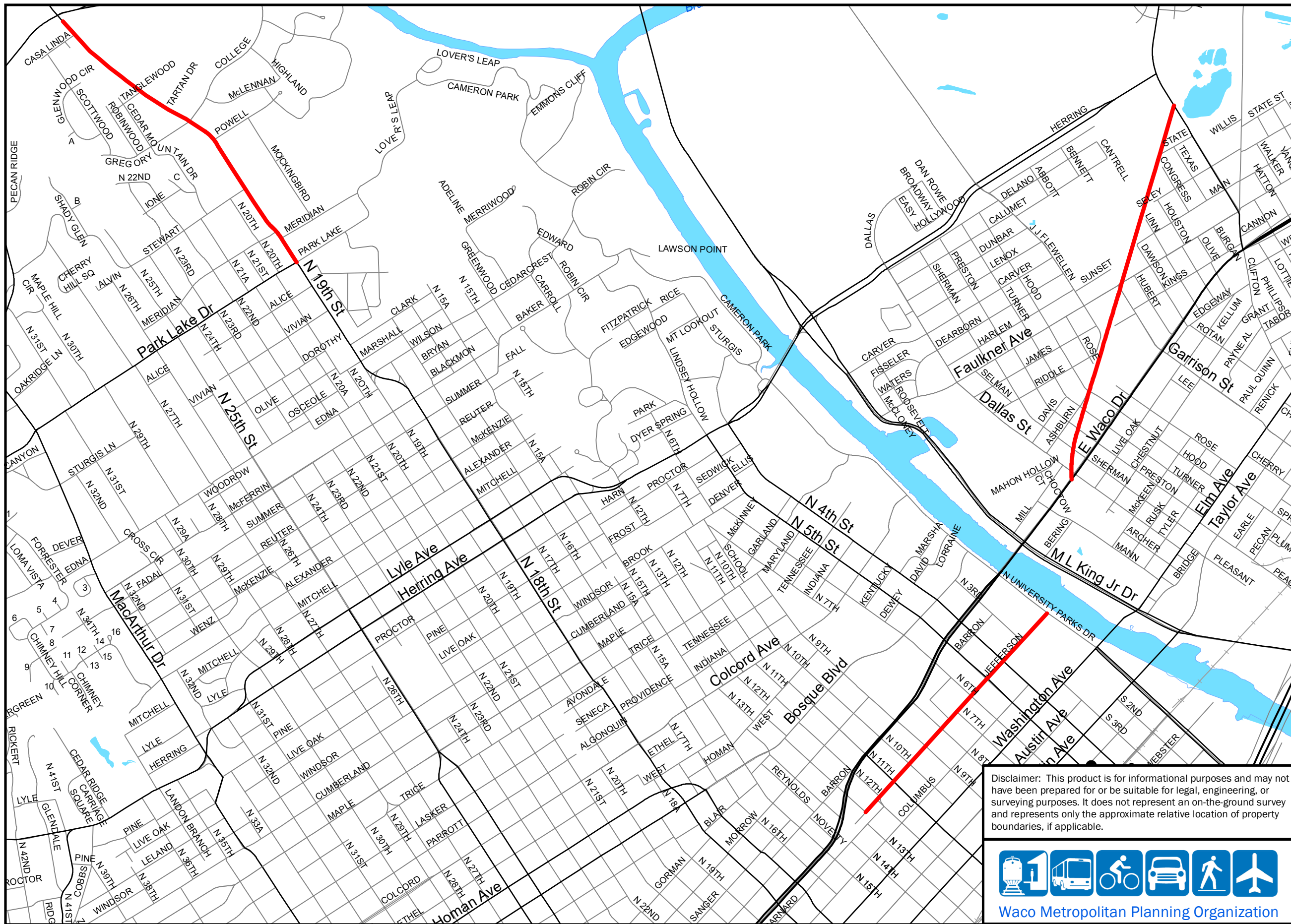
Construct 6-foot-wide concrete sidewalks, lighting, and curb ramps for approximately 4,600 linear feet along Jefferson Ave. and 3rd St.

Grouped Bike & Ped Projects

Projects



Map F-1
Waco Metropolitan & Urbanized Area
2023-2026 Transportation Improvement Program
Grouped Bicycle and Pedestrian Projects



GROUPED PROJECT CSJs

Definition of Grouped Projects for use in the STIP
Revised February 23, 2021

PROPOSED CSJ	GROUPED PROJECT CATEGORY	DEFINITION
5000-00-950	PE-Preliminary Engineering	Preliminary Engineering for any project except added capacity projects in a nonattainment area. Includes activities which do not involve or lead directly to construction, such as planning and research activities; grants for training; engineering to define the elements of a proposed action or alternatives so that social, economic, and environmental effects can be assessed.
5000-00-951	Right of Way	Right of Way acquisition for any project except added capacity projects in a nonattainment area. Includes relocation assistance, hardship acquisition and protective buying.
5000-00-952 5000-00-957 5000-00-958	Preventive Maintenance and Rehabilitation	Projects to include pavement repair to preserve existing pavement so that it may achieve its designed loading. Includes seal coats, overlays, resurfacing, restoration and rehabilitation done with existing ROW. Also includes modernization of a highway by reconstruction, adding shoulders or adding auxiliary lanes (e.g., parking, weaving, turning, climbing, passing, non-added capacity) or drainage improvements associated with rehabilitation [See Note 3].
5000-00-953	Bridge Replacement and Rehabilitation	Projects to replace and/or rehabilitate functionally obsolete or structurally deficient bridges.
5000-00-954	Railroad Grade Separations	Projects to construct or replace existing highway-railroad grade crossings and to rehabilitate and/or replace deficient railroad underpasses, resulting in no added capacity
5800-00-950	Safety	Projects to include the construction or replacement/rehabilitation of guard rails, median barriers, crash cushions, pavement markings, skid treatments, medians, lighting improvements, highway signs, curb ramps, railroad/highway crossing warning devices, fencing, intersection improvements (e.g., turn lanes), signalization projects and interchange modifications. Also includes projects funded via the Federal Hazard Elimination Program, Federal Railroad Signal Safety Program, or Access Managements projects, except those that result in added capacity.

Note 1: Projects eligible for grouping include associated project phases (Preliminary Engineering, Right of Way and Construction).

Note 2: Projects funded with Congestion Mitigation Air Quality funding require a Federal eligibility determination, and are not approved to be grouped.

Note 3: Passing lanes include "SUPER 2" lanes consistent with TxDOT's Roadway Design Manual.

GROUPED PROJECT CSJs

Definition of Grouped Projects for use in the STIP
Revised February 23, 2021

PROPOSED CSJ	GROUPED PROJECT CATEGORY	DEFINITION
5000-00-956	Landscaping	Project consisting of typical right-of-way landscape development, establishment and aesthetic improvements to include any associated erosion control and environmental mitigation activities.
5800-00-915	Intelligent Transportation System Deployment	Highway traffic operation improvement projects including the installation of ramp metering control devices, variable message signs, traffic monitoring equipment and projects in the Federal ITS/IVHS programs.
5000-00-916	Bicycle and Pedestrian	Projects including bicycle and pedestrian lanes, paths and facilities (e.g., sidewalks, shared use paths, side paths, trails, bicycle boulevards, curb extensions, bicycle parking facilities, bikeshare facilities, etc.). Safe Routes to School non-infrastructure related activities (e.g. enforcement, tools, and education programs).
5000-00-917	Safety Rest Areas and Truck Weigh Stations	Construction and improvement of rest areas, and truck weigh stations.
5000-00-918	Transit Improvements and Programs	Projects include the construction and improvement of small passenger shelters and information kiosks. Also includes the construction and improvement of rail storage/maintenance facilities bus transfer facilities where minor amounts of additional land are required and there is not a substantial increase in the number of users. Also includes transit operating assistance, preventative maintenance of transit vehicles and facilities, acquisition of third-party transit services, and transit marketing, and mobility management/coordination. Additionally includes the purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet [See Note 4].
5000-00-919	Recreational Trails Program	Off-Highway Vehicle (OHV), Equestrian, Recreational Water/Paddling Trails and related facilities; Recreational Trails related education and safety programs.

Note 4: In PM 10 and PM2.5 nonattainment or maintenance areas, such projects may be grouped only if they are in compliance with control measures in the applicable implementation plan.

Note 5: Projects funded as part of the Recreational Trails Program (RTP) and Transportation Alternatives (TA) Program consistent with the grouped project category definitions may be grouped. RTP or TA funded projects that are not consistent with the grouped project category definitions must be individually noted in the Transportation Improvement Program (TIP) and State Transportation Improvement Program (STIP). Road diet projects may not be grouped.

Controlling Project ID	Control Section Job	County	Highway	Let Schedule Fiscal Year	Project Description	Project Status	Project Stage	Limits From	Limits To	Project Subtype	Project Classification	Let Type	Estimated Let Date	Categories	Authorized Amount	Environmental CLR Date
1926-01-018	0055-07-063	McLennan	US 84	2023	Seal Coat	Active	Planning	Windsor Rd	East McGregor	Roadway	Seal Coat	Statewide Let	Sep, 2022	1	\$58,240	
1926-01-018	0209-07-048	McLennan	FM 933	2023	Seal Coat	Active	Planning	McLennan CL	FM 308	Roadway	Seal Coat	Statewide Let	Sep, 2022	1	\$627,224	
1926-01-018	1078-02-008	McLennan	FM 2643	2023	Seal Coat	Active	Planning	MCLENNAN COUNTY LINE	US 77	Roadway	Seal Coat	Statewide Let	Sep, 2022	1	\$208,000	
1926-01-018	1078-03-008	McLennan	FM 2643	2023	Seal Coat	Active	Planning	US 77	FM 434	Roadway	Seal Coat	Statewide Let	Sep, 2022	1	\$156,000	
1926-01-018	1969-02-018	McLennan	FM 185	2023	Seal Coat	Active	Planning	SH 6	FM 1637	Roadway	Seal Coat	Statewide Let	Sep, 2022	1	\$175,760	4/29/20
0833-04-042	0833-04-042	McLennan	FM 434		CONSTRUCT LEFT TURN LANE	Active	PS&E	BU 77-L	FM 3400	Roadway	Widen Non-Freeway	Statewide Let	Oct, 2022	1	\$2,496,000	
0833-04-042	0833-14-009	McLennan	FM 3400		CONSTRUCT LEFT TURN LANE	Active	PS&E	FM 434	SH 6	Roadway	Widen Non-Freeway	Statewide Let	Oct, 2022	1	\$207,480	
2311-01-044	2311-01-044	McLennan	FM 3051		Install 1.621 Mi. cable median barrier	Active	PS&E	0.15 Mi W of Carson	Brazos River	Roadway	Safety Improvement Projects	Statewide Let	Oct, 2022	8	\$467,580	
0909-22-195	0909-22-195	McLennan	HILLCREST DR		Install reflective backplate to traffic signal	Active	PS&E	Hillcrest @ McArthur Drive	Hillcrest @ McArthur Drive	Roadway	Traffic Control Devices	Statewide Let	Jan, 2023	8	\$58,696	
0909-22-193	0909-22-193	McLennan	Various	2023	Construct 12 ft. reinforced concrete shared use trail for bicycles and pedestrians	Active	PS&E	Along MKT East Rail from Waco Drive	Gholson Road	Local Let	Pedestrian, Sidewalks & Curb Ramps	Local Agency Let	Mar, 2023	9	\$2,774,576	
0258-08-038	0258-08-038	McLennan	SH 6	2023	Add right turn lane	Active	Initiate	.5 Mi N of Baylor Camp Rd	.5 Mi S of Baylor Camp Rd	Roadway	Safety Improvement Projects	Statewide Let	Apr, 2023	8	\$651,267	
0831-04-030	0831-04-030	McLennan	FM 1860		FM1860 Rural Intersection Upgrade from 0.10 Mi W of SH6 to SH6	Active	PS&E	0.10 Mi W of SH6	SH6	Roadway	Intersection & Operational Imprv	Statewide Let	Apr, 2023	8	\$129,498	
0014-10-064	0014-10-064	McLennan	BU 77L	2023	Remove and Replace Existing Concrete Pavement	Active	PS&E	IH 35	SL 574	Roadway	Rehabilitation of Existing Road	Statewide Let	Jun, 2023	1	\$12,480,000	8/6/18
0209-01-071	0209-01-071	McLennan	US 77	2023	Improve traffic signal	Active	PS&E	@ FM 3148	@FM 3148	Roadway	Safety Improvement Projects	Statewide Let	Jun, 2023	8	\$190,807	
0209-01-071	0209-01-072	McLennan	US 77	2023	Improve traffic signals	Active	PS&E	@ Lyndale Dr	@ Lyndale Dr	Roadway	Safety Improvement Projects	Statewide Let	Jun, 2023	8	\$198,653	
0209-01-071	2506-01-044	McLennan	FM 1695	2023	Improve traffic signals	Active	PS&E	@ Regal Dr	@ Regal Dr	Roadway	Safety Improvement Projects	Statewide Let	Jun, 2023	8	\$263,217	
3448-02-007	3448-02-007	McLennan	FM 3268	2023	REHAB AND WIDEN ROADWAY	Active	Planning	FM 185	FM 3047	Roadway	Rehabilitation of Existing Road	Statewide Let	Aug, 2023	1	\$1,800,000	
0014-08-090	0014-08-090	McLennan	IH 35	2024	Seal Coat	Active	Initiate	Hill CL	Hilltop St	Roadway	Seal Coat	Statewide Let	Sep, 2023	1	\$1,487,000	
0014-09-105	0014-09-105	McLennan	IH 35	2024	Seal Coat	Active	Initiate	Hilltop Rd	BU77L	Roadway	Seal Coat	Statewide Let	Sep, 2023	1	\$347,000	
0015-01-251	0015-01-251	McLennan	IH 35	2024	Seal Coat	Active	Initiate	BU77L	N Loop 340	Roadway	Seal Coat	Statewide Let	Sep, 2023	1	\$360,000	
0049-01-100	0049-01-100	McLennan	SH 6	2024	Seal Coat	Active	PS&E	SH 164	Falls C/L	Roadway	Seal Coat	Statewide Let	Sep, 2023	1	\$743,000	
0055-07-066	0055-07-066	McLennan	US 84		Upgrade Signal Head Backplates with Reflective Borders	Active	PS&E	Various	Various	Roadway	Intersection & Operational Imprv	Statewide Let	Sep, 2023	8	\$452,000	
0774-05-015	1187-02-019	McLennan	FM 938	2024	Seal Coat	Active	Planning	US 84	FM 185	Roadway	Seal Coat	Statewide Let	Sep, 2023	1	\$324,000	
0774-05-015	2680-01-008	McLennan	FS 1330	2024	Seal Coat	Active	Planning	FM 1330	End (5th Street)	Roadway	Seal Coat	Statewide Let	Sep, 2023	1	\$32,400	
0834-04-025	0834-04-025	McLennan	FM 308	2024	Seal Coat	Active	Initiate	IH 35	Hill C/L	Roadway	Seal Coat	Statewide Let	Sep, 2023	1	\$664,000	
0909-00-052	0909-00-052	McLennan	Various		PREVENTIVE MAINTENANCE PLACEHOLDER CSJ FOR DISTRICTWIDE SEAL COAT AND OTHER PM PROJECTS	Active	Initiate	FY 2024 DISTRICTWIDE	PREVENTIVE MAINT	Roadway	Seal Coat	Statewide Let	Sep, 2023	1	\$8,955,158	
2174-01-019	2174-01-019	McLennan	FM 2311	2024	Seal Coat	Active	Initiate	FM 308	FM 2114	Roadway	Seal Coat	Statewide Let	Sep, 2023	1	\$384,000	
0049-01-101	0049-01-101	McLennan	SL 484		Install 1.670 Mi Cable Median Barrier	Active	PS&E	BU 77	SL 484	Roadway	Safety Improvement Projects	Statewide Let	Oct, 2023	8	\$373,790	
0162-01-102	0162-01-102	McLennan	SH 31		Install Cable Median Barrier	Active	PS&E	0.70 Mi S of FM939	0.70 Mi N of FM939	Roadway	Safety Improvement Projects	Statewide Let	Oct, 2023	8	\$191,599	
0909-22-190	0909-22-190	McLennan	PRIMROSE	2024	Safety treat fixed objects	Active	Initiate	S 12th St	US 77	Roadway	Safety Improvement Projects	Statewide Let	Oct, 2023	3,8	\$314,705	1/18/22
0014-10-068	0014-10-068	McLennan	BU 77L		Install Traffic Signal	Active	PS&E	@ 3rd Street	@ 3rd Street	Roadway	Traffic Control Devices	Statewide Let	Jan, 2024	8	\$422,976	
0209-01-070	0209-01-070	McLennan	SL 2		Rehabilitate Bridge	Active	PS&E	@ UPRR & Waco Creek	(STR #034)	Bridge	Bridge Widening or Rehabilitation	Statewide Let	Jan, 2024	6	\$700,000	
0909-22-191	0909-22-191	McLennan	19TH ST		Project shall construct on and off road facilities for pedestrians and cyclists along both sides of roadway	Active	PS&E	On 19th St. from Lake Shore Dr.	Park Lake Drive	Local Let	Bicycle Infrastructure Improvements	Local Agency Let	Jan, 2024	9	\$1,811,217	
0909-22-194	0909-22-194	McLennan	JEFFERSON AV		Construct 6-foot-wide concrete sidewalks, lighting, and curb ramps for approximately 4,600 linear feet along Jefferson Ave. and 3rd St.	Active	PS&E	North 13th Street	4th St., North University Parks Drive	Non Roadway	Pedestrian, Sidewalks & Curb Ramps	Local Agency Let	Jan, 2024	3,9	\$1,079,737	
0909-22-196	0909-22-196	McLennan	VALLEY MILLS		Install Traffic Signal, Install Advance Warning Signals & Signs, Install FYA	Active	PS&E	Valley Mills Dr	Valley Mills Dr	Roadway	Traffic Control Devices	Statewide Let	Feb, 2024	8	\$260,772	
2311-01-042	0162-01-092	McLennan	SS 299	2024	THIN OVERLAY MIXTURE (TOM)	Active	PS&E	IH 35	US 84	Roadway	Overlay	Statewide Let	Feb, 2024	1	\$756,000	
2311-01-042	2311-01-042	McLennan	SL 340	2024	Overlay	Active	PS&E	FM 3051	US 84	Roadway	Overlay	Statewide Let	Feb, 2024	1	\$2,300,000	
2311-01-042	2362-01-038	McLennan	SL 340	2024	Overlay	Active	PS&E	US 84	Williams Dr	Roadway	Overlay	Statewide Let	Feb, 2024	1	\$700,000	
3233-01-013	3233-01-013	McLennan	FM 3148		FM3148 Rural Intersection Upgrade from .010 Mi W of Surrey Ridge to 0.10 Mi E of Surrey Ridge	Active	PS&E	.010 Mi W of Surrey Ridge	0.10 Mi E of Surrey Ridge	Roadway	Intersection & Operational Imprv	Statewide Let	Apr, 2024	8	\$129,498	
2174-01-017	2174-01-017	McLennan	FM 2311	2024	REHABILITATE ROADWAY	Active	Planning	FM 308	SH 31	Roadway	Restoration	Statewide Let	May, 2024	1	\$3,100,000	
2174-01-018	2174-01-018	McLennan	FM 2311	2024	Widen lanes, widen paved shoulder	Active	Initiate	FM 308	SH 31	Roadway	Safety Improvement Projects	Statewide Let	May, 2024	8	\$5,806,745	

CONTROLLING PROJECT ID	CONTROL SECTION JOB	COUNTY	HIGHWAY	LET SCHEDULE FISCAL YEAR	PROJECT DESCRIPTION	PROJECT STATUS	PROJECT STAGE	LIMITS FROM	LIMITS TO	PROJECT SUBTYPE	PROJECT CLASSIFICATION	LET TYPE	ESTIMATED LET DATE	CATEGORIES	AUTHORIZED AMOUNT	ENVIRONMENTAL CLR DATE
0055-07-065	0055-07-065	McLennan	US 84	2025	Seal Coat	Active	Initiate	SH 317	McLennan/Coryell CL	Roadway	Seal Coat	Statewide Let	Sep, 2024	1	\$367,000	
0162-01-099	0162-01-099	McLennan	US 84	2025	Pavement repair and overlay	Active	PS&E	SP 299	SH 31	Roadway	Overlay	Statewide Let	Sep, 2024	1	\$7,784,000	
0258-08-039	0258-08-039	McLennan	SH 6	2025	Seal Coat	Active	Initiate	FM 185	McLennan/Bosque CL	Roadway	Seal Coat	Statewide Let	Sep, 2024	1	\$998,000	
0258-09-154	0258-09-154	McLennan	SH 6	2025	Seal Coat	Active	Initiate	Lake Waco	US 84	Roadway	Seal Coat	Statewide Let	Sep, 2024	1	\$371,000	
3233-01-012	3233-01-012	McLennan	FM 3148	2025	Seal Coat	Active	Initiate	IH 35	US 77	Roadway	Seal Coat	Statewide Let	Sep, 2024	1	\$322,000	
0049-01-091	0049-01-091	McLennan	SH 6		ADD SAFETY END TREATMENT	Active	PE	@ TRIB OF SHAW CREEK	(STR #112)	Bridge	Bridge Maintenance	Statewide Let	Dec, 2024	6	\$33,000	
0258-10-045	0258-10-045	McLennan	SL 396	2025	REHABILITATE BRIDGE AND APPROACHES	Active	Planning	@ UNION PACIFIC RR OP	VALLEY MILLS DR (STR #34)	Bridge	Bridge Widening or Rehabilitation	Statewide Let	Jan, 2025	6	\$5,333,000	
0909-22-192	0909-22-192	McLennan	GODDARD ST		Replace Bridge and Approaches	Active	Initiate	.1 Mi S of Navarro Avenue	.1 Mi N of Navarro Avenue	Bridge	Bridge Replacement	Statewide Let	Jan, 2025	6	\$290,000	
0909-22-197	0909-22-197	McLennan	FRANKLIN AVE		Improve Traffic Signals, Install Pedestrian Signals, and Install Sidewalks	Active	PS&E	17th Street	18th Street	Roadway	Traffic Control Devices	Statewide Let	Jan, 2025	8	\$660,799	
2060-01-038	2060-01-038	McLennan	FM 2113	2025	REHAB AND WIDEN ROADWAY	Active	Planning	FM 2416	FM 107	Roadway	Rehabilitation of Existing Road	Statewide Let	May, 2025	1	\$8,000,000	
0055-08-114	0055-08-114	McLennan	US 84	2025	REPLACE BRDIGE AND APPROACHES	Active	Planning	@ SH 6 UP (NB FR)	(STR #82)	Bridge	Bridge Replacement	Statewide Let	Jun, 2025	6	\$3,200,000	
0055-08-115	0055-08-115	McLennan	US 84	2025	REPLACE BRIDGE AND APPROACHES	Active	Planning	@ SH 6 UP (SB FR)	(STR #079)	Bridge	Bridge Replacement	Statewide Let	Jun, 2025	6	\$3,200,000	
0258-09-151	0258-09-151	McLennan	SH 6	2026	Thin overlay	Active	Planning	US 77	Brazos River	Roadway	Overlay	Statewide Let	Sep, 2025	1	\$3,552,640	
2311-01-043	2311-01-043	McLennan	FM 3051	2026	Thin overlay	Active	Planning	FM 1637	BU 77	Roadway	Overlay	Statewide Let	Sep, 2025	1	\$2,384,480	
2395-01-014	2395-01-014	McLennan	FM 2491	2026	Seal Coat	Active	Initiate	FM 2957	Deadend	Roadway	Seal Coat	Statewide Let	Sep, 2025	1	\$33,600	
2396-02-014	2396-02-014	McLennan	FM 2490	2026	Seal Coat	Active	Initiate	FM 1637	Bosque CL	Roadway	Seal Coat	Statewide Let	Sep, 2025	1	\$537,600	
3032-01-008	3032-01-008	McLennan	FM 2957	2026	Seal Coat	Active	Initiate	FM 2491	FM 939	Roadway	Seal Coat	Statewide Let	Sep, 2025	1	\$402,080	
0398-02-025	0398-02-025	McLennan	SH 317		Bridge Replacement	Active	PS&E	SH 317	BNSF Railroad	Bridge	Bridge Replacement	Statewide Let	Oct, 2025	6	\$6,000,000	
0014-10-066	0014-10-066	McLennan	US 77	2026	Mill & Overlay	Active	Initiate	18th Street	Traffic Circle	Roadway	Overlay	Statewide Let	Jan, 2026	1	\$560,000	
0049-01-095	0049-01-095	McLennan	SH 6	2026	PFC Overlay	Active	Planning	SH 164	Falls County Line	Roadway	Overlay	Statewide Let	Jan, 2026	1	\$3,920,000	
0398-03-061	0398-03-061	McLennan	SH 317	2026	Super 2 Project	Active	Initiate	FM 2416	FM 107	Roadway	Super-2 Highway	Statewide Let	Jan, 2026	1	\$500,000	
1969-02-017	1969-02-017	McLennan	FM 185	2026	TOM Overlay	Active	Initiate	FM 1637	SH 6	Roadway	Overlay	Statewide Let	Jan, 2026	1	\$2,500,000	
2060-01-039	2060-01-039	McLennan	FM 2113	2026	Rehab & Widen	Active	PS&E	FM 2416	FM 1695	Roadway	Rehabilitation of Existing Road	Statewide Let	Jan, 2026	1,8	\$9,562,500	
2625-01-017	2625-01-017	McLennan	FM 2063	2026	Mill & Overlay	Active	Initiate	IH 35	FM 1695	Roadway	Overlay	Statewide Let	Jan, 2026	1	\$1,120,000	
3431-01-006	3431-01-006	McLennan	FM 3434	2026	Base repair & Overlay	Active	Initiate	FM 1637	End of Maintenance	Roadway	Overlay	Statewide Let	Jan, 2026	1	\$1,120,000	
0209-01-064	0209-01-064	McLennan	US 77	2026	TOM Overlay	Active	Planning	SP 340	FALLS COUNTY LINE	Roadway	Overlay	Statewide Let	Mar, 2026	1	\$6,200,000	
0049-01-097	0049-01-097	McLennan	SH 6		REPLACE BRIDGE AND APPROACHES	Active	Initiate	SH 6 NB @ TEHUACANA CREEK RELIEF	(STR # 005)	Bridge	Bridge Replacement	Statewide Let	Jul, 2026	6	\$1,350,000	
0014-10-067	0014-10-067	McLennan	BU 77L		REPLACE BRIDGE AND APPROACHES	Active	Initiate	@ BRAZOS RV (SB)	(STR #170)	Bridge	Bridge Replacement	Statewide Let	Aug, 2026	6	\$6,000,000	
															\$130,940,294	

Appendix G: 2022 Update of Regional Performance Targets and Review of TIP Programming to Achieve Targets

Regional Performance Targets and Relationship to TIP Priorities

Transportation Performance Management (TPM) is federally required through the Fixing America's Surface Transportation (FAST) Act. It is a strategic approach that uses goals, measures, and data to make better informed decisions about how to invest transportation funding resulting in a better performing national transportation system with greater public benefit. Emphasis is placed on efficient delivery of goods, and safe reliable journeys to work, school, shopping and community activities. Funding is intended to be targeted toward projects aimed at achieving national performance goals for improving the safety, reliability and condition of roadway facilities that are a part of the National Highway System (NHS) and regional transit systems.

Future long-range transportation plans and short-range implementation programs (MTPs and TIPs) developed by the Waco MPO are required to demonstrate a performance-based decision process that ties back to performance targets. The Waco MPO is required to establish performance standards for the Waco Metropolitan Area and to meet subsequent reporting requirements. Performance measures focus on transportation system safety (PM1), condition of pavement and bridges (PM2), system reliability and freight movement (PM3), and transit safety and asset condition (PTASP, TAM).

The decision-based process used by the Waco MPO begins with candidate project evaluation and selection within Connections 2045: The Waco Metropolitan Transportation Plan (MTP). [Project Evaluation Criteria](#) may be found in Appendix B of the MTP. Candidate projects that significantly address one or more of the targets identified within this appendix receive higher scores, are more likely to be included within the MTP as a recommended priority and are prioritized higher within the MTP. [Section 7](#) of the MTP lists project recommendations from which this TIP is developed. Projects proposed for inclusion within the 2023-2026 TIP are those anticipated to assist in achieving most significantly one or more TPM targets adopted or supported by the MPO Policy Board. Project inclusion, however, is ultimately contingent upon sufficient funding being available.

Note: This Appendix contains updated performance targets adopted by the Waco MPO Policy Board between October 1, 2020 and February 17, 2022.

Safety Measures (PM1)

The Safety Performance rule (PM1) establishes safety performance measure requirements to assess fatalities and serious injuries on all public roads. Within the State of Texas, serious injuries are defined as 'incapacitating injuries' within the TxDOT Crash Records Information System (CRIS). The objective of PM1 is to ensure safety improvements guide funding prioritization to advance the national goal of maintaining safe roadway networks.

Required performance measurements include:

- Number of fatalities
- Fatalities per million vehicle miles traveled (fatality rate)
- Number of serious injuries (incapacitating injuries)
- Serious injuries per million vehicle miles traveled (incapacitating injury rate)
- Number of non-motorized fatalities and non-motorized serious injuries

Each year, the Texas Department of Transportation (TxDOT) sets safety performance targets for Texas for five federally required safety performance measures. The targets are applicable to all public roads in Texas regardless of functional classification or ownership. In support of these measures, the Waco MPO chose to support the Texas safety targets in February 2022. At the close of each year, TxDOT and the Waco MPO will report on significant progress toward meeting these targets.

On February 17, 2022, the Waco MPO Policy Board resolved to support TxDOT's 2022 statewide safety targets expressed as a five-year average:

Table G.1 – TxDOT 2022 Safety Targets

Year	Number of Fatalities	Rate of Fatalities	Number of Serious Injuries	Serious Injury Rate	Total Number of Non-Motorized Fatalities and Serious Injuries
2022 Target	3,272	1.23	19,065	6.47	2,642
2022 Target as a 5-year average (2018 to 2022)	3,563	1.27	16,677	5.76	2,367

TIP Programming to Achieve Safety Targets

The mix of projects selected by the Waco MPO for inclusion in the TIP is intended to support TxDOT in achieving its safety performance targets for the State of Texas transportation system given the availability of necessary funds. Below are the projects programmed within this TIP which were projected to address significant safety concerns within the Waco region.

Highway Projects – Preliminary Engineering / Right of Way Phases

- SH 6 from SP 412 (McLaughlin Rd) to FM 185 (Lady Bird Rd)**
Widen to 4 lanes with center turn lane and shoulders
CSJ 0258-08-035
This project is expected to be very effective at reducing unacceptable numbers of total and severe crashes observed at this location.
- FM 434 (S University Parks Dr) from US Bus 77 (La Salle Ave) to Garden Dr**
Widen from 2 to 4 lanes, add curb and gutter and bicycle/pedestrian accommodations
CSJ 0833-04-048
This project is expected to address a high number of total and severe crashes and provide safe bicycle and pedestrian facilities along the corridor.
- SH 31 intersection at FM 2311**
Construct new overpasses and approaches
CSJ 0162-01-097
This project is expected to reduce fatal and life threatening injury crashes.
- US 84 from FM 1695 (Hewitt Dr) to SH 6 / S Loop 340**
Reconstruct frontage roads, realign on and off ramps from Diamond to "X" configuration, construct auxiliary lanes
CSJ 0055-08-121

This project will shift storage of traffic backing up from intersections from main lanes to frontage roads which have slower speeds and should reduce possibility of rear-end crashes.

Grouped Projects

Since 2011, McLennan County has had a high number of fatal crashes due to vehicles running off the road and hitting a fixed object or crossing a divided highway median. Below are examples of projects the Waco District of TxDOT has programmed within the Grouped Project CSJ Program to reduce these types of crashes:

- **FM 3051 from W of Carson to the Brazos River:** Install cable median barrier
- **SL 484 from BU 77 to SL 484:** Install cable median barrier
- **SH 31 intersection of FM 939:** Install cable median barrier
- **Primrose from S 12th St to US 77:** Safety treat fixed objects
- **Hillcrest Dr at McArthur:** Install reflective backplate to traffic signal
- **US 84:** Upgrade signal head backplates with reflective borders

This TIP includes three grouped projects to address pedestrian safety within the vicinity of schools, community centers, grocery stores, retail, and restaurants.

- **J H Hines Elementary School Sidewalks:** Garrison St, Clifton St, and Elm Ave
- **Cedar Ridge Sidewalks:** N 19th St
- **Indian Spring Pedestrian Connectivity Sidewalks:** Jefferson Ave and 3rd St

Appendix D

While not programmed for construction during this TIP, several projects listed in Appendix D are anticipated to address additional significant safety concerns. These projects are those the MPO Policy Board has committed to programming into future TIPs as funding becomes available.

- **East Loop 340 from US 84 to LP 484:** Widen to 4 lanes divided
- **US 84 from US BUS 77 Intersection to Potts Interchange:** Convert to at-grade roundabout, construct bicycle and pedestrian path through intersection
- **South Bypass from US 84 west of McGregor to US 84 east of McGregor/Windsor Rd:** Construct new 2-lane State Loop, construct overpass across BNSF RR, install traffic signals at SH 317 and US 84
- **N Loop 340 from IH-35 to UPRR Overpass:** Install traffic signals at Bank Dr and Research Blvd, install pedestrian crosswalks and refuge islands at both intersections, construct continuous sidewalks along south side of road
- **IH-35 from S 12th St to N Loop 340:** Reconstruct, widen to 8 main lanes, extend frontage roads, realign ramps

Pavement and Bridge Condition Measures (PM2)

The Pavement and Bridge performance rule (PM2) establishes performance requirements to assess the condition of pavements and bridges on the National Highway System (NHS) and the Interstate System relative to a U.S. Department of Transportation (USDOT) definition of State of Good Repair (SGR). SGR is the condition in which a capital asset can operate at a full level of performance. The premise of the rule is to ensure roadway maintenance guides funding prioritization to further the national goal of strategically and systematically maintaining the nation's transportation system in good condition.

Required performance measurements include:

- Percent of Interstate pavements in good condition
- Percent of Interstate pavements in poor condition
- Percent of non-Interstate NHS pavements in good condition
- Percent of non-Interstate NHS pavements in poor condition
- Percent of NHS bridges in good condition
- Percent of NHS bridges in poor condition
- Percent of bridge deck area defined as poor

On January 21, 2021, the Waco MPO Policy Board resolved to support TxDOT targets for pavement and bridge condition for NHS facilities:

- Interstate Pavements: 66.5% good condition, 0.2% poor condition
- Non-Interstate NHS System pavements: 54.1% good condition, 14.2% poor condition
- NHS System Bridges: 50.42% good condition, 1.5% poor condition

TIP Programming to Achieve Pavement and Bridge Targets

As of 2020, NHS facility pavement and bridge conditions within the Waco Region met or exceeded each of the statewide targets adopted by TxDOT. Nevertheless, the MPO and Waco District of TxDOT have an interest in ensuring that these conditions remain better than the state targets. Below are examples of preventative maintenance projects programmed within the Grouped Project CSJ Program to ensure this standard.

- US 84 from Windsor Rd to East McGregor – Seal Coat
- IH-35 from Hill County line to Falls County Line – Seal Coat
- SH 6 from SH 164 to Falls County Line – Seal Coat
- SL 340 from FM 3051 to Williams Dr - Overlay
- BU 77L from IH-35 to SL 574 – Remove and replace existing concrete pavement
- US 84 from SP 299 to SH 31 – Pavement repair and overlay
- SH 6 from FM 185 to McLennan/Bosque County Line – Seal Coat
- SH 6 from Lake Waco to US 84 – Seal Coat
- US 77 from 18th St to Traffic Circle – Mill and Overlay
- US 84 at SH 6 – Replace bridge and approaches
- SH 6 at Tehuacana Creek Relief – Replace bridge
- BU 77L at Brazos River – Replace bridge

Note: as of 2020, there were no NHS system bridges within the Waco Region rated as being in poor condition. While programmed within the previous TIP (2019-2022), the construction currently underway for IH-35 between North Loop 340 and South 12th St will either replace or rehabilitate several NHS system bridges during fiscal years 2021 & 2022 that were rated as fair in 2020.

Travel Time Reliability Measures (PM3)

The System Performance rule (PM3) establishes performance measure requirements to assess the performance of the NHS and to assess freight movement on the Interstate System. These measures focus on evaluating travel time reliability and travel delay on interstate, freeway, and principal arterial class facilities to determine whether the magnitude of travel time variability is considered unreasonable. The objective of the rule is to ensure efforts to improve unreasonable travel delay and

expedite the movement of people and goods guide funding prioritization, furthering the national goal of improving the efficiency of the surface transportation system. Reliability references the level of consistency in transportation service over a specific time period and is the most important service quality attribute for travelers and freight transporters.

Required performance measurements include:

- Level of Travel Time Reliability (LOTTR) for Interstates on the NHS
- Level of Travel Time Reliability (LOTTR) for non-Interstates on the NHS
- Level of Truck Travel Time Reliability (TTTR) for Interstates on the NHS

Along with TxDOT, the MPO is responsible for setting system performance targets for two federally required travel time reliability measures and one freight reliability measure. The Texas A&M Transportation Institute (TTI) was contracted by TxDOT to collect travel time reliability and travel delay data for all NHS facilities in Texas. Using an analysis of past unreliable travel conducted by TTI, the Waco MPO is required to establish specific regional travel time and freight reliability targets for Interstate and NHS roadways in the Waco Metropolitan Area. TxDOT and the Waco MPO will report on travel time reliability and travel delay performance towards targets every four years. The MPO has the opportunity to review and adjust these targets every two years.

In June, 2018, the Waco MPO Policy Board adopted the following travel time and freight reliability targets for 2020 and 2022 for Interstate and NHS roadways in the Waco Metropolitan Area:

- Percent of reliable travel for all traffic on the Interstate System
- Percent of reliable travel for all traffic on other freeways and principal arterials
- Ratio of unreliable truck travel to average truck travel on the Interstate System

Reliability targets are 4-year targets but MPOs may make mid-point corrections if trends are different than anticipated. The table below shows the previous targets adopted by the Policy Board in 2018 and the TTI / MPO Staff recommended mid-point adjustments. Data from 2019 suggests that reliability for IH-35 is less than what was identified from the 2017 data; IH-35 construction will still have significant impacts between North Loop 340 and South 12th Street in 2022. Additionally, the Mall-to-Mall project, impacting the other freeway category, will be moving to construction in FY 2022. As a result, MPO staff recommended target adjustments that represent significantly less reliable traffic for FY 2022.

Table G.2 identifies the travel time reliability measures adopted by the Waco MPO Policy Board on March 18, 2021 for the year 2022.

Table G.2 – Revisions to 2022 Travel Time Reliability and Travel Delay Targets

System	System	Adopted Target (2018)	2022 Adjusted Target Recommendation
All Traffic	Interstate	95%	80%
All Traffic	Other Freeways or Principal Arterials	85%	80%
Trucks Only	Interstate	1.40	1.75

TIP Programming to Achieve Travel Time Reliability and Travel Delay Targets

The mix of projects selected by the Waco MPO for inclusion in the TIP are anticipated to help achieve the recommended system performance targets supported by the Waco MPO Policy Board in March 2021.

Highway Projects – Construction Phase

- **Spur 298 (Franklin Ave) from US 84 to New Road (Cheddar's Dr)**
Reconstruct New Road interchange, add dual left turn and u-turn lanes, remove existing main lanes, convert the existing frontage roads to proposed main lanes
CSJ 0055-08-120
This project is expected to address unacceptable traffic conditions forecasted for 2045.

Highway Projects – Engineering and Right of Way Phases

- **SH 6 from SP 412 (McLaughlin Rd) to FM 185 (Lady Bird Rd)**
Widen to 4 lanes with center turn lane and shoulders
CSJ 0258-08-035
This project is expected to address unacceptable traffic conditions forecasted for 2045.
- **FM 434 (S University Parks Dr) from US Bus 77 (La Salle Ave) to Garden Dr**
Widen from 2 to 4 lanes, add curb and gutter and bicycle/pedestrian accommodations
CSJ 0833-04-048
This project is expected to address current unacceptable traffic conditions.
- **SH 317 from Bluebonnet Pkwy to FM 2671 (Mother Neff Pkwy)**
Widen to 4 lanes with center median, construct overpass for proposed BNSF RR Spur
This project is expected to provide capacity to accommodate additional traffic into McGregor Industrial Park

Transit Asset Condition (TAM)

The Transit Asset Condition performance rule (TAM) establishes national performance requirements to assess the condition of regional transit networks relative to a U.S. Department of Transportation (USDOT) definition of State of Good Repair (SGR). SGR is the condition in which a capital asset can operate at a full level of performance. The premise of the rule is condition of assets should guide funding prioritization to meet the national goal of strategically and systematically maintaining the nation's transit networks in good condition.

Each year in coordination with the Waco MPO, the Waco Transit System sets asset condition targets for three federally required transit asset performance measures for the regional transportation system. These measures focus on assessing the condition of rolling stock (e.g., buses and passenger vans), the condition of equipment (e.g., maintenance vehicles), and the condition of transit facilities (transit stations, maintenance shops). Currently, the Waco Transit System is the only public transportation operator within the Waco Region required to establish asset condition targets. As a result, the MPO may choose to support the Waco Transit System's asset condition targets. At the close of each year, the Waco Transit System and the MPO will report on significant progress toward meeting these targets and determine if targets are appropriate.

On February 17, 2022, the Waco MPO Policy Board resolved to support the Waco Transit System's 2021 asset condition targets for:

- Percentage of vehicles by type that exceed the Useful Life Benchmark (ULB)* – Table G.3
- Percentage of maintenance vehicles by type that exceed the ULB – Table G.3
- Percentage of facilities by group that are rated less than 3.0 on the Transit Economic Requirements Model (TERM) Scale** – Tables G.4 and G.5

Table G.3 – 2022 Rolling Stock and Equipment Condition Targets – Waco Transit System

Service Area	Asset Class	2021 Target for Exceeding Useful Life Benchmark*
Urban	Bus	40%
Urban	Cutaway	25%
Urban	Van	0%
Urban	Automobile	100%
Urban	Service Vehicle	100%
Rural	Cutaway	33%
Rural	Van	100%
Rural	Minivan	0%
Rural	Automobile	0%
Urban	Non-Revenue Utility Vehicle	100%
Rural	Non-Revenue Supervisor Vehicle	0%

*Useful Life Benchmark (ULB): defined by FTA as the expected amount of time in years that a vehicle type is estimated to function, when acquired new and assuming routine maintenance is practiced.

Table G.4 – 2022 Facility Condition Targets – Waco Transit System

Facility	Overall Condition Score	2021 Target
Transit Administration & Maintenance Building	4.4 out of 5.0	12% of elements rated less than adequate
Transit Intermodal Terminal	4.4 out of 5.0	12% of elements rated less than adequate

Table G.5 – USDOT TERM Scale: Facility Condition Assessment

TERM Rating**	Condition	Description
Excellent	4.8-5.0	No visible defects, near-new condition
Good	4.0-4.7	Some slightly defective or deteriorated components
Adequate	3.0-3.9	Moderately defective or deteriorated components
Marginal	2.0-2.9	Defective or deteriorated components in need of replacement
Poor	1.0-1.9	Seriously damaged components in need of repair

**Transit Economic Requirements Model (TERM Scale): a 5-point scale used by FTA as a tool to assess facility conditions. A transit asset is deemed to be in good repair if it has a TERM rating of 3, 4 or 5.

TIP Programming to Achieve Transit Asset Condition Targets

Due to fiscal constraint limitations, Waco Transit System, Inc. was not able to identify resources to acquire new vehicles during the timespan of this TIP. As a result, the targets adopted in table G.3 represent the subsequent effect of aging on the transit vehicle fleet for FY 2022. Nevertheless, Waco Transit System, Inc. has programmed \$6,951,000 within this TIP for preventative maintenance to ensure that the existing vehicle fleet and transit facilities will remain safe and function reliably through FY 2026.

Transit Safety Measures (PTASP)

The Public Transportation Agency Safety Plan (PTASP) rule establishes national performance requirements to assess the effectiveness of efforts by regional transit providers to reduce the likelihood of safety risks and hazards that may affect their transit networks. The objective of the rule is to ensure safety improvements that help transit agencies manage safety risks should guide funding prioritization to advance the national goal of maintaining safe transit networks.

Beginning in July, 2020, and in each subsequent year, the Waco Transit System must certify it has a safety plan in place that meets the requirements of the federal rule. As part of PTASP requirements, the transit agency must set safety performance targets in its annual safety plan based on the following safety performance measures that the Federal Transit Administration (FTA) has established in the National Public Transportation Safety Plan (NSP):

- Number of fatalities
- Fatalities per vehicle revenue miles by mode (fatality rate)
- Number of serious injuries (incapacitating injuries)
- Serious injuries per vehicle revenue miles by mode (incapacitating injury rate)
- Number of safety events
- Safety events per vehicle revenue miles by mode (safety event rate)
- Mean distance between major mechanical failures by mode

After establishing its safety performance targets, the Waco Transit System provided its safety targets to the Waco MPO, along with its safety plan. Once received, the Waco MPO referenced those safety targets to inform investment priorities within its metropolitan transportation planning process. The Waco Transit System will report on significant progress toward meeting these targets and determine if targets are appropriate on an annual basis.

On February 17, 2022, the Waco MPO Policy Board resolved to support the Waco Transit System's 2021 Agency Safety Plan and targets identified in table G.6 below.

Table G.6 – MPO Relevant Targets Identified with the Adopted PTASP (5-year averages)

Target Metric	Fixed Route System	Demand Response System
Fatalities	0	0
Fatality Rate per mile	0	0
Serious Injuries	2.6	1.0
Injury Rate per mile	0.00000323	0.00000221
Safety Events	2.2	2.8
Safety Event Rate per mile	0.00000273	0.00000620
Mean Distance Between Mechanical Failures	14,123 miles	12,409 miles

TIP Programming to Achieve Transit Safety Targets

Due to fiscal constraint limitations, Waco Transit System, Inc. was not able to identify resources to acquire new vehicles during the timespan of this TIP. As a result, the targets adopted in table G.6 represent the subsequent effect of aging on the transit vehicle fleet for FY 2022 and its impact on potential significant mechanical failures. Nevertheless, Waco Transit System, Inc. has programmed \$6,951,000 within this TIP for preventative maintenance to ensure that the existing vehicle fleet will remain safe and function reliably through FY 2026.

Included within the programming for transit operations are several efforts adopted by Waco Transit System, Inc. to improve driver performance and encourage a culture of safety within their operations.

Appendix H: Amendments



RESOLUTION 2022-9

Whereas the Waco Metropolitan Planning Organization (MPO) was established to identify and support the implementation of regionally significant transportation projects to address future mobility needs of the Waco Region;

Whereas the Waco MPO Policy Board is composed of representatives appointed by the elected City Councils and Counties located within the jurisdiction of the MPO as well as the Texas Department of Transportation;

Whereas Section 134, Title 23, USC requires the development of a Transportation Improvement Program (TIP) for the Waco Metropolitan Area to authorize the programming of funds for implementation of all regionally significant transportation projects as well as all projects utilizing federal highway or public transportation funds;

Whereas the Texas Department of Transportation, the Waco Transit System, and the City of Waco have submitted project phases of work for which a formal commitment of funding has been identified prior to the year 2027; and

Whereas the Texas Department of Transportation has also submitted a list of projects for which environmental clearance will be requested but are scheduled for implementation beyond the year 2026;

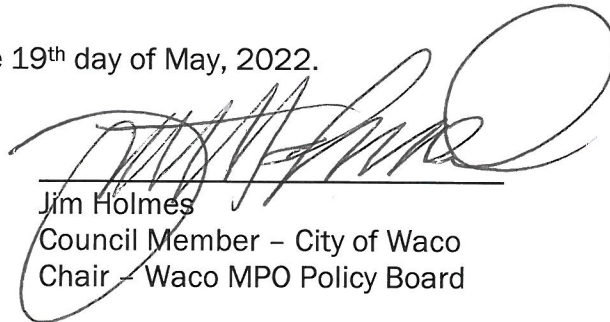
Now, therefore, be it **RESOLVED**, that the Waco MPO Policy Board

1. hereby, adopts the 2023-2026 Transportation Improvement Program and certifies that the mix of projects within the TIP have the intended effect of assisting the State of Texas, Waco Transit System, Inc., or the Waco Metropolitan Area in achieving targets either previously adopted or supported by the MPO Policy Board.
2. hereby approves the use of statewide project groupings as defined in Appendix H, *Definition of Grouped Projects for STIP* dated February 23, 2021, with the exception of projects programmed using Category 2 funds.
3. hereby identifies within Appendix D of the 2023-2026 Transportation Improvement Program projects which are scheduled for implementation beyond the years 2026 but are intended for implementation once a formal funding commitment is final.

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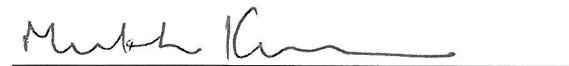
4. hereby officially found and determined that the meeting at which this resolution is passed is open to the public and that public notice of the time, place and purpose of said meeting was given as required by law.
5. hereby officially found and determined that all public participation requirements identified within the Waco MPO Public Participation Plan related to this action by the Policy Board were met and completed.
6. hereby certifies this action complies with all applicable policies, procedures, and requirements identified within 23 CFR, Section 450, and Chapter 16 of Title 43 of the Texas Administrative Code.

PASSED AND APPROVED this the 19th day of May, 2022.



Jim Holmes
Council Member – City of Waco
Chair – Waco MPO Policy Board

ATTEST:



Mukesh Kumar
Director