



The Transportation Improvement Program

Waco Urbanized Area For
Fiscal Years 2025 Through 2028

Draft Document – April 1, 2024

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

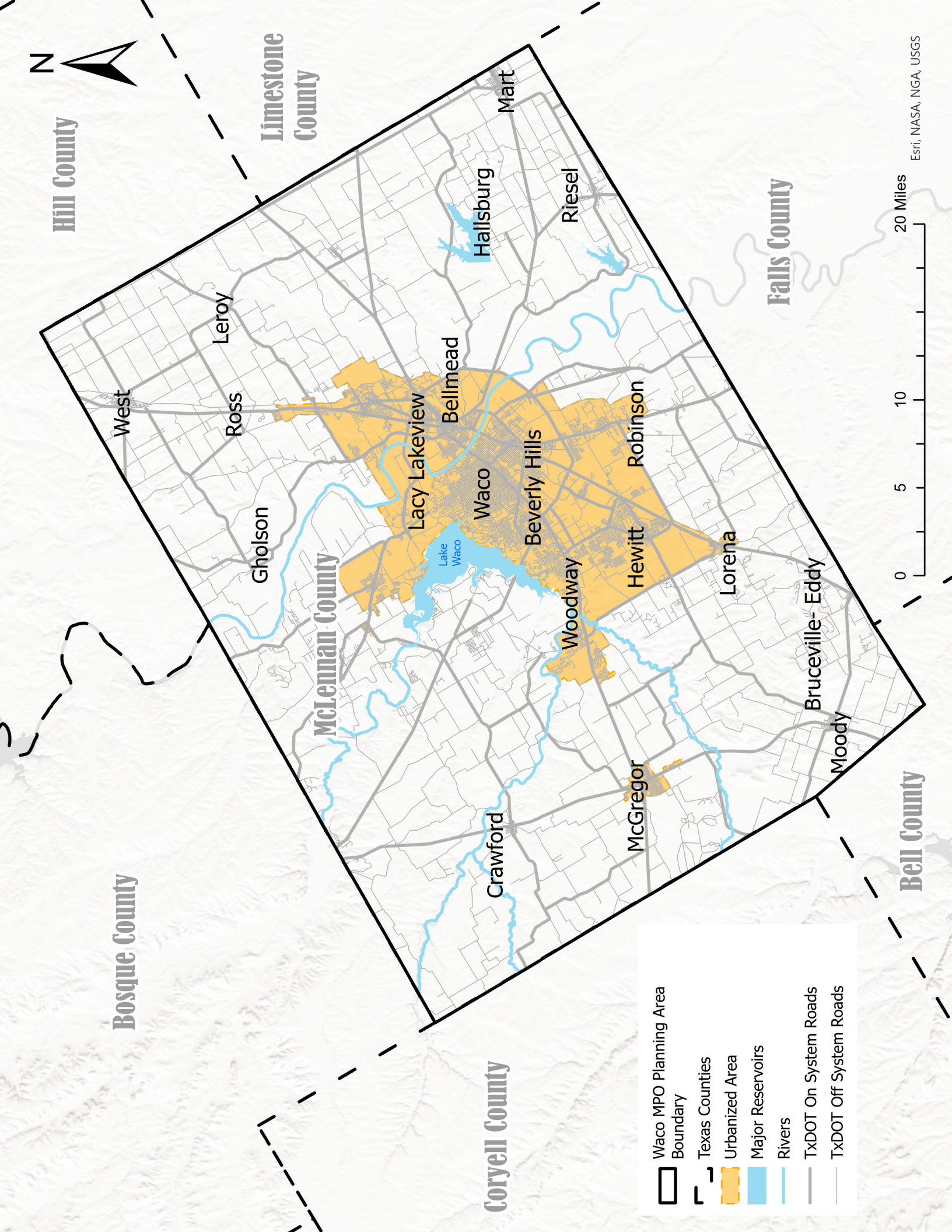
Transportation planning within the Waco Metropolitan Area is performed by the City of Waco, which in 1974 was designated as the Metropolitan Planning Organization by the Governor of Texas. This designation was in response to federal law which requires a cooperative, comprehensive, and continuing planning 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 principally consists of elected officials or their designated representatives and is currently composed of 20 members. Voting membership is distributed per Policy Board bylaws to the City of Waco, member cities whose population is greater than 5,000 or are home rule cities within the metropolitan area, three small cities representatives, McLennan County, and the Texas Department of Transportation (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 Urban Area, as identified by the US Census Bureau in 2020, encompasses approximately 151.69 square miles and an estimated 2020 population of 197,483. The boundary of the Waco Urban Area was reviewed as part of the 2020 decennial census.

To account for future growth and activities that impact mobility within the Waco Urban Area, 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 1,060.86 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.



Hill County

Limestone County

Falls County

20 Miles

10

5

0

Bell County

Bosque County

Coryell County

McLennan County

West

Leroy

Ross

Gholson

Lacy Lakeview

Bellmead

Waco

Beverly Hills

Woodway

McGregor

Crawford

Hallsburg

Riesel

Mart








Robinson

Hewitt

Lorena

Bruceville- Eddy

Moody

-  Waco MPO Planning Area Boundary
-  Texas Counties
-  Urbanized Area
-  Major Reservoirs
-  Rivers
-  TXDOT On System Roads
-  TXDOT Off System Roads

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 2025 through 2028 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, regardless of their use of Category 2 federal funds. 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. Capital purchases are also 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 2025 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 2026 are considered a secondary priority and projects programmed for FY 2027 and 2028 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 2025 and 2026. 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 February 2023 and February 2024, and a review of how the projects proposed for inclusion in the 2025-2028 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 2023 - 2026 TIP

Table 1.1 reviews the status of each project programmed within the 2023 - 2026 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 - 2023 - 2026 TIP Project Status

CSJ Number	MPO ID	Project	Scope of Work	Phase	Year Programmed	Programmed Cost	Status
2362-01-034	S-001A	E SL 340 - US 84 (Bellmead Dr) to SL 484 (Marlin Hwy)	Widen to 4 lanes divided	E	2023	\$1,225,000	Design underway. Construction anticipated in 2029 or later
0055-08-120	S-039A	SP 298 - US 84 E to SL 396 (Valley Mills Dr)	Widen to six lanes divided, relocate main lanes to frontage roads, construct dual left turn lane	C	2023	\$36,400,000	Design underway, Construction anticipated in 2026 or later
0055-08-121	S-048E	US 84 - FM 1695 (Hewitt Dr) to SS 298 (Franklin Ave)	Reconstruct main lanes, frontage roads, ramps, interchanges, and add direct connects	E	2023	\$9,133,000	Design underway. Construction anticipated in 2029 or later
0055-15-078	S-048F	US 84 - SS 298 (Franklin Ave) to Lake Air Dr	Reconstruct roadways and realign ramps	E	2023	\$409,100	Design underway. Construction anticipated in 2029 or later
0162-01-100	S-061, S-066	SH 31 - 0.5 miles south of FM 2311 to 0.5 miles north of FM 2311	Construct new overpasses and approaches	C	2023	\$11,200,000	Construction underway
0015-01-246	S-022G	IH-35 4C - S 12 th St to S SL 340	Reconstruct, widen main lanes from 6 to 8, reconstruct and realign ramps and frontage roads	C	2023	\$264,529,720	Design underway, Construction anticipated in 2025
0258-08-035	S-031A	SH 6 - SP 412 (McLaughlin Rd) to FM 185 (Lady Bird Rd)	Widen from 2 lanes to 5 lanes divided	C	2023	\$5,050,000	Design underway, Construction anticipated in 2027 or later

Table 1.1 - 2023 - 2026 TIP Project Status

CSJ Number	MPO ID	Project	Scope of Work	Phase	Year Programmed	Programmed Cost	Status
0258-09-147 0258-09-148	S-032F	SH 5 - Bridges over Lake Waco	Reconstruct and widen bridges and approaches to accommodate 4 lanes with shoulders	C	2023	\$67,320,000	Design underway, Construction anticipated in 2025 or later
0055-07-067	L-029	US 84 (McGregor Bypass) - US 84 West of McGregor to US 84 East of McGregor	Construct 2 lane State Loop, construct overpass across BNSF RR, Install traffic signals at SH 317 and US 84	E	2023	\$3,500,000	Design underway, Construction anticipated in 2029 or later
0398-03-063	S-028	SH 317 (S Lone Star Pkwy) - Bluebonnet Pkwy to FM 267.1 (Mother Neff Pkwy)	Widen to 4 lanes with center median, construct overpass for proposed BNSF RR Spur	E	2023	\$2,000,000	Design underway, Construction anticipated in 2029 or later
0055-15-077	S-057	US 84 (E Waco Dr) - Intersection at US Bus 77 (Potts Interchange)	Convert to at-grade roundabout, construct bicycle and pedestrian path through intersection	E	2023	\$1,500,000	Design underway, Construction anticipated in 2029 or later
0833-04-048	S-019A	FM 434 (S Univ. Parks Dr) - US Bus 77 (LaSalle Ave) to Garden Dr	Widen to 4 lanes with center median, construct curb and gutter, construct bicycle and pedestrian path	E	2023	\$600,000	Design underway, Construction anticipated in 2029 or later

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 the grouping of 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 2025-2028 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 2025-2028 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 respectively comprise 13.87% and 26.32% of the population. 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 17.9% of residents within McLennan County live below the census defined poverty level and 13.6% of residents have a disability. Another 5.2% of occupied housing units within McLennan County do not have access to vehicles. The distribution of these three variables was 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 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 2025-2028 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 2025 and 2028. 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 has 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 2025-2028**

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:	May-24	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Widen to 4 lanes divided				

PROJECT HISTORY:

REMARKS: Note: Project under development, funding commitment beyond 2028

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						
Bond Financing:	\$0						
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 2025-2028**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2023

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	E, R
COUNTY:	McLennan	LIMITS FROM:	FM 1695 (Hewitt Dr)	YOE COST:	\$9,133,900
HIGHWAY NUM:	US 84	LIMITS TO:	SS 298		
CSJ:	0055-08-121	MPO PROJECT ID:	S-048E		
REVISION DATE:	May-24	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Reconstruct main lanes, frontage roads, ramps, interchanges, and add direct connects				PROJECT HISTORY:
REMARKS:	Note: Project under development, funding commitment beyond 2028				
CONTRACT CSJ:					
ANCESTORT CSJ:					
DESCENDENT CSJ:					
ROW/CON CSJ:					

Construction:	\$170,000,000		AUTHORIZED FUNDING BY CATEGORY / SHARE				TOTAL	
			FEDERAL	STATE	LOCAL	OTHER		
Preliminary Engineering:	\$9,098,900							
Right of Way Acquisition:	\$35,000	SW PE		\$0	\$9,098,900	\$0	\$0	\$9,098,900
Bond Financing:	\$0	SW ROW		\$0	\$35,000	\$0	\$0	\$35,000
Construction Engineering:	\$14,168,300	TOTAL		\$0	\$9,133,900	\$0	\$0	\$9,133,900
Contingencies	\$15,691,000							
Indirect	\$5,385,000							
Other:	\$0							
Total:	\$214,378,200							

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2025-2028**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2023

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	E
COUNTY:	McLennan	LIMITS FROM:	SS 298	YOE COST:	\$409,100
HIGHWAY NUM:	US 84	LIMITS TO:	Lake Air Dr		
CSJ:	0055-15-078	MPO PROJECT ID:	S-048F		
REVISION DATE:	May-24	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Reconstruct roadway and realign ramps				PROJECT HISTORY:

REMARKS: Note: Project under development, funding commitment beyond 2028

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

		AUTHORIZED FUNDING BY CATEGORY / SHARE					
		FEDERAL	STATE	LOCAL	OTHER	TOTAL	
Construction:	\$8,000,000						
Preliminary Engineering:	\$409,100						
Right of Way Acquisition:	\$0						
Bond Financing:	\$0						
Construction Engineering:	\$674,600						
Contingencies	\$348,800						
Indirect	\$242,100						
Other:	\$0						
Total:	\$9,674,600						

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2025-2028**

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:	May-24	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 2028				
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						SW PE
Bond Financing:	\$0						TOTAL
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:	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:	May-24	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Construct 2 lane State Loop, construct overpass across BNSF RR, install traffic signals at SH 317 and US 84				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:	\$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						

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2025-2028**

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:	May-24		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 2028				
CONTRACT CSJ:					
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						
Bond Financing:	\$0						
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 2025-2028**

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:	May-24 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 2028				
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						
Bond Financing:	\$0						
Construction Engineering:	\$590,000						
Contingencies	\$275,000						
Indirect	\$0						
Other:	\$625,000						
Total:	\$14,090,000						

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2025-2028**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2025

TXDOT DISTRICT: Waco CITY: Waco PHASE: C
 COUNTY: McLennan LIMITS FROM: S 12th St YOE COST: \$264,529,720
 HIGHWAY NUM: IH-35 LIMITS TO: S SL 340 FY: 2025
 CSJ: 0015-01-246 MPO PROJECT ID: S-022G
 REVISION DATE: May-24 PROJECT SPONSOR: TXDOT

DESCRIPTION: Reconstruct, widen mainlanes from 6 to 8, reconstruct and realign ramps and frontage roads

PROJECT HISTORY:

REMARKS:

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

		AUTHORIZED FUNDING BY CATEGORY / SHARE					
			FEDERAL	STATE	LOCAL	OTHER	TOTAL
Construction:	\$264,529,720						
Preliminary Engineering:	\$12,171,000						
Right of Way Acquisition:	\$0	2U - Urban Mobility	\$42,978,000	\$10,745,000		\$0	\$53,723,000
Bond Financing:	\$0	3 - Local Contributions		\$0	\$1,927,720		\$1,927,720
Construction Engineering:	\$14,605,000	4 - Statewide Connect	\$62,103,000	\$15,526,000		\$0	\$77,629,000
Contingencies	\$24,023,000	12 - Strategic Priority	\$105,000,000	\$26,250,000		\$0	\$131,250,000
Indirect	\$7,203,000	TOTAL	\$210,081,000	\$52,521,000	\$1,927,720	\$0	\$264,529,720
Change Order/Other:	\$0						
Total:	\$322,531,720						

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2025-2028**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2025

TXDOT DISTRICT: Waco CITY: Waco PHASE: C
 COUNTY: McLennan LIMITS FROM: Twin Bridges over Lake Waco YOE COST: \$67,320,000
 HIGHWAY NUM: SH 6 LIMITS TO: FY 2025
 CSJ: 0258-09-147 MPO PROJECT ID: S-032F
 REVISION DATE: May-24 PROJECT SPONSOR: TXDOT

DESCRIPTION: Reconstruct and widen bridges and approaches to accommodate 4 lanes with shoulders

PROJECT HISTORY:

REMARKS:

CONTRACT CSJ:

ANCESTORT CSJ:

DESCENDENT CSJ: 0258-09-148

ROW/CON CSJ:

		AUTHORIZED FUNDING BY CATEGORY / SHARE					
		FEDERAL	STATE	LOCAL	OTHER	TOTAL	
Construction:	\$67,320,000						
Preliminary Engineering:	\$2,785,000						
Right of Way Acquisition:	\$0	2U - Urban Mobility	\$20,800,000	\$5,200,000	\$0	\$0	\$26,000,000
Bond Financing:	\$0	4U - Statewide Connect	\$9,050,000	\$2,270,000	\$0	\$0	\$11,320,000
Construction Engineering:	\$5,371,000	6 - Bridge Rehab	\$24,000,000	\$6,000,000	\$0	\$0	\$30,000,000
Contingencies	\$1,629,000	TOTAL	\$53,850,000	\$13,470,000	\$0	\$0	\$67,320,000
Indirect	\$0						
Change Order/Other:	\$1,649,000						
Total:	\$78,754,000						

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2025-2028**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2026

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	C
COUNTY:	McLennan	LIMITS FROM:	US 84 E	YOE COST:	\$36,400,000
HIGHWAY NUM:	SP 298	LIMITS TO:	SL 396 (Valley Mills Dr)	FY	2026
CSJ:	0055-08-120	MPO PROJECT ID:	S-039A		
REVISION DATE:	May-24 PROJECT SPONSOR: TXDOT				

DESCRIPTION: Widen to six lanes divided, relocate main lanes to frontage roads, construct dual left turn lane

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:	\$1,754,000						
Right of Way Acquisition:	\$60,000	2U - Urban Mobility	\$29,120,000	\$7,280,000	\$0	\$0	\$36,400,000
Bond Financing:	\$0						
Construction Engineering:	\$2,128,000	TOTAL	\$29,120,000	\$7,280,000	\$0	\$0	\$36,400,000
Contingencies	\$2,120,000						
Indirect	\$0						
Change Order/Other:	\$1,039,000						
Total:	\$43,501,000						

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2025-2028**

WACO METROPOLITAN PLANNING ORGANIZATION

FY 2027

TXDOT DISTRICT:	Waco	CITY:	Waco	PHASE:	C
COUNTY:	McLennan	LIMITS FROM:	FM 185 (Lady Bird Rd)	YOE COST:	\$5,050,000
HIGHWAY NUM:	SH 6	LIMITS TO:	SP 412 (McLaughlin Rd)	FY	2027
CSJ:	0258-08-035	MPO PROJECT ID:	S-031A		
REVISION DATE:	May-24	PROJECT SPONSOR:	TXDOT		
DESCRIPTION:	Widen from 2 lanes to 5 lanes divided				

PROJECT HISTORY:

REMARKS:

CONTRACT CSJ:

ANCESTORT CSJ:

DESCENDENT CSJ:

ROW/CON CSJ:

		AUTHORIZED FUNDING BY CATEGORY / SHARE					
		FEDERAL	STATE	LOCAL	OTHER	TOTAL	
Construction:	\$5,050,000						
Preliminary Engineering:	\$234,500						
Right of Way Acquisition:	\$0	2U - Urban Mobility	\$4,040,000	\$1,010,000	\$0	\$0	\$5,050,000
Bond Financing:	\$0						
Construction Engineering:	\$284,000	TOTAL	\$4,040,000	\$1,010,000	\$0	\$0	\$5,050,000
Contingencies	\$283,000						
Indirect	\$139,000						
Change Order/Other:	\$0						
Total:	\$5,990,500						



Hill County

Limestone County

Falls County

Bosque County

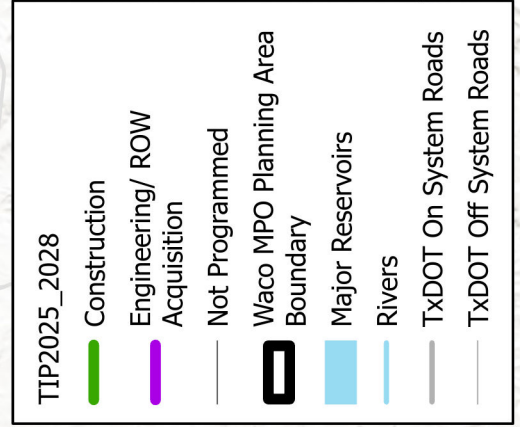
McLennan County

Coryell County

Bell County



Esri, NASA, NGA, USGS



Section 3: Public Transportation Projects

This section outlines those regionally significant public transportation projects that are programmed for the period between fiscal years 2025 and 2028. 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 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	\$1,498,200
		State Funds from TxDOT	\$0
	CT-1S	Other Funds	\$374,550
Apportionment Year	2025	Fiscal Year Cost	\$1,872,750
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$1,872,750
	Preventative Maintenance Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	May, 2024 - 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	\$438,900
		State Funds from TxDOT	\$109,560
	CT-2S	Other Funds	\$547,800
Apportionment Year	2025	Fiscal Year Cost	\$1,096,260
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$1,096,260
	ADA Related Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	May, 2024 - 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	\$2,271,830
		State Funds from TxDOT	\$690,030
	CT-3S	Other Funds	\$1,582,020
Apportionment Year	2025	Fiscal Year Cost	\$4,543,880
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$4,543,880
	Operating Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	May, 2024 - 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	\$172,480
		State Funds from TxDOT	\$43,120
	CT-4S	Other Funds	\$0
Apportionment Year	2025	Fiscal Year Cost	\$215,600
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$215,600
	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	May, 2024 - 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	May, 2024 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5339(a)
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$500,000
		State Funds from TxDOT	\$0
	T-5339a	Other Funds	\$0
Apportionment Year	2025	Fiscal Year Cost	\$500,000
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$500,000
	Bus and Bus Facilities Acquisition (Formula)	Trans. Dev. Credits Requested (Date & Amount)	\$0
Sec 5309 ID Number	n/a		\$0
Amendment Date & Action	May, 2024 - Adoption; Reflects carryover funds from FY 2021, FY 2022, FY 2023 and FY 2024		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5339(b)
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$0
		State Funds from TxDOT	\$0
	T-5339b	Other Funds	\$0
Apportionment Year	2025	Fiscal Year Cost	\$0
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$0
	Bus and Bus Facilities Acquisition (Discretionary)	Trans. Dev. Credits Requested (Date & Amount)	\$0
Sec 5309 ID Number	n/a		\$0
Amendment Date & Action	May, 2024 - 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	\$834,361
		State Funds from TxDOT	\$264,231
	CT-6S	Other Funds	\$130,141
Apportionment Year	2025	Fiscal Year Cost	\$1,228,733
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$1,228,733
	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	For informational purposes only		

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	\$1,573,110
		State Funds from TxDOT	\$0
	CT-1S	Other Funds	\$393,278
Apportionment Year	2024	Fiscal Year Cost	\$1,966,388
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$1,966,388
	Preventative Maintenance Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	May, 2024 - 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	\$460,845
		State Funds from TxDOT	\$115,038
	CT-2S	Other Funds	\$575,190
Apportionment Year	2024	Fiscal Year Cost	\$1,151,073
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$1,151,073
	ADA Related Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	May, 2024 - 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	\$2,385,422
		State Funds from TxDOT	\$724,532
	CT-3S	Other Funds	\$1,661,121
Apportionment Year	2024	Fiscal Year Cost	\$4,771,074
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$4,771,074
	Operating Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	May, 2024 - 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	\$181,104
		State Funds from TxDOT	\$45,276
	CT-4S	Other Funds	\$0
Apportionment Year	2024	Fiscal Year Cost	\$226,380
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$226,380
	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	May, 2024 - 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	2024	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
Sec 5309 ID Number	n/a	Trans. Dev. Credits Awarded (Date & Amount)	\$0
Amendment Date & Action	May, 2024 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5339(a)
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$525,000
		State Funds from TxDOT	\$0
	T-5339a	Other Funds	\$0
Apportionment Year	2024	Fiscal Year Cost	\$525,000
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$525,000
	Bus and Bus Facilities Acquisition (Formula)	Trans. Dev. Credits Requested (Date & Amount)	\$0
Sec 5309 ID Number	n/a		\$0
Amendment Date & Action	May, 2024 - Adoption; Reflects carryover funds from FY 2021 through FY 2025		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5339(b)
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$0
		State Funds from TxDOT	\$0
	T-5339b	Other Funds	\$0
Apportionment Year	2024	Fiscal Year Cost	\$0
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$0
	Bus and Bus Facilities Acquisition (Discretionary)	Trans. Dev. Credits Requested (Date & Amount)	\$0
Sec 5309 ID Number	n/a		\$0
Amendment Date & Action	May, 2024 - 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	\$876,079
		State Funds from TxDOT	\$277,443
	CT-6S	Other Funds	\$136,648
Apportionment Year	2024	Fiscal Year Cost	\$1,290,170
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$1,290,170
	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	For informational purposes only		

FY 2027 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	\$1,651,766
		State Funds from TxDOT	\$0
	CT-1S	Other Funds	\$412,941
Apportionment Year	2025	Fiscal Year Cost	\$2,064,707
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$2,064,707
	Preventative Maintenance Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	May, 2024 - 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	\$483,887
		State Funds from TxDOT	\$120,790
	CT-2S	Other Funds	\$603,950
Apportionment Year	2025	Fiscal Year Cost	\$1,208,627
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$1,208,627
	ADA Related Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	May, 2024 - 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	\$2,504,693
		State Funds from TxDOT	\$760,758
	CT-3S	Other Funds	\$1,744,177
Apportionment Year	2025	Fiscal Year Cost	\$5,009,628
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$5,009,628
	Operating Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	May, 2024 - 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	\$190,159
		State Funds from TxDOT	\$47,540
	CT-4S	Other Funds	\$0
Apportionment Year	2025	Fiscal Year Cost	\$237,699
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$237,699
	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	May, 2024 - Adoption		

FY 2027 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	\$69,615
	T-1	State Funds from TxDOT	\$0
Apportionment Year	2025	Other Funds	\$16,590
Project Phase	n/a	Fiscal Year Cost	\$86,205
Brief Project Description		Total Project Cost	\$86,205
	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	May, 2024 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5339(a)
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$551,250
	T-5339a	State Funds from TxDOT	\$0
Apportionment Year	2025	Other Funds	\$0
Project Phase	n/a	Fiscal Year Cost	\$551,250
Brief Project Description		Total Project Cost	\$551,250
	Bus and Bus Facilities Acquisition (Formula)	Trans. Dev. Credits Requested (Date & Amount)	\$0
Sec 5309 ID Number	n/a		\$0
Amendment Date & Action	May, 2024 - Adoption; Reflects carryover funds from FY 2021 through FY 2026		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5339(b)
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$0
	T-5339b	State Funds from TxDOT	\$0
Apportionment Year	2025	Other Funds	\$0
Project Phase	n/a	Fiscal Year Cost	\$0
Brief Project Description		Total Project Cost	\$0
	Bus and Bus Facilities Acquisition (Discretionary)	Trans. Dev. Credits Requested (Date & Amount)	\$0
Sec 5309 ID Number	n/a		\$0
Amendment Date & Action	May, 2024 - 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	\$919,883
	CT-6S	State Funds from TxDOT	\$291,315
Apportionment Year	2025	Other Funds	\$143,480
Project Phase	n/a	Fiscal Year Cost	\$1,354,678
Brief Project Description		Total Project Cost	\$1,354,678
	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	For informational purposes only		

FY 2028 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	\$1,734,354
		State Funds from TxDOT	\$0
	CT-1S	Other Funds	\$433,588
Apportionment Year	2026	Fiscal Year Cost	\$2,167,942
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$2,167,942
	Preventative Maintenance Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	May, 2024 - 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	\$508,082
		State Funds from TxDOT	\$126,829
	CT-2S	Other Funds	\$634,147
Apportionment Year	2026	Fiscal Year Cost	\$1,269,058
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$1,269,058
	ADA Related Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	May, 2024 - 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	\$2,629,927
		State Funds from TxDOT	\$798,796
	CT-3S	Other Funds	\$1,831,386
Apportionment Year	2026	Fiscal Year Cost	\$5,260,109
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$5,260,109
	Operating Expenses	Trans. Dev. Credits Requested	\$0
		Trans. Dev. Credits Awarded (Date & Amount)	\$0
Sec 5309 ID Number	n/a		
Amendment Date & Action	May, 2024 - 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	\$199,667
		State Funds from TxDOT	\$49,917
	CT-4S	Other Funds	\$0
Apportionment Year	2026	Fiscal Year Cost	\$249,584
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$249,584
	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	May, 2024 - Adoption		

FY 2028 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	\$73,096
		State Funds from TxDOT	\$0
	T-1	Other Funds	\$17,420
Apportionment Year	2026	Fiscal Year Cost	\$90,516
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$90,516
	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	May, 2024 - Adoption		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5339(a)
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$578,813
		State Funds from TxDOT	\$0
	T-5339a	Other Funds	\$0
Apportionment Year	2026	Fiscal Year Cost	\$578,813
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$578,813
	Bus and Bus Facilities Acquisition (Formula)	Trans. Dev. Credits Requested (Date & Amount)	\$0
Sec 5309 ID Number	n/a		\$0
Amendment Date & Action	May, 2024 - Adoption; Reflects carryover funds from FY 2021 through FY 2027		

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Waco Transit	Federal Funding Category	5339(b)
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$0
		State Funds from TxDOT	\$0
	T-5339b	Other Funds	\$0
Apportionment Year	2026	Fiscal Year Cost	\$0
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$0
	Bus and Bus Facilities Acquisition (Discretionary)	Trans. Dev. Credits Requested (Date & Amount)	\$0
Sec 5309 ID Number	n/a		\$0
Amendment Date & Action	May, 2024 - 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	\$965,877
		State Funds from TxDOT	\$305,880
	CT-6S	Other Funds	\$150,654
Apportionment Year	2026	Fiscal Year Cost	\$1,422,412
Project Phase	n/a		
Brief Project Description		Total Project Cost	\$1,422,412
	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	For informational purposes only		

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 2025-2028 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 their 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 as its population does not qualify it as a Transportation Management Area (TMA), 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, though 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

FY 2025 - 2028 Transportation Improvement Program
November 2024 Quarterly STIP Revision

Funding by Category

Funding Category	Description	FY 2025		FY 2026		FY 2027		FY 2028		Total FY 2025 - 2028	
		TIP Programmed	UTP Authorized	TIP Programmed	UTP Authorized	TIP Programmed	UTP Authorized	TIP Programmed	UTP Authorized	TIP Programmed	UTP Authorized
1	Preventive Maintenance and Rehabilitation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	Metropolitan & Urban Area Corridor Projects	\$79,723,000	\$79,723,000	\$36,400,000	\$36,400,000	\$5,050,000	\$5,050,000	\$0	\$0	\$121,173,000	\$121,173,000
3	Non-Traditionally Funded Transportation Project	\$1,927,720	\$1,927,720	\$0	\$0	\$0	\$0	\$0	\$0	\$1,927,720	\$1,927,720
3 DB	Design Build (DB)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Urban and Regional Connectivity	\$88,949,000	\$88,949,000	\$0	\$0	\$0	\$0	\$0	\$0	\$88,949,000	\$88,949,000
5	CMAQ	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Structures - Bridge	\$30,000,000	\$30,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000,000	\$30,000,000
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
8 R	Rail-Highway Crossing Set-Aside Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	TA Set-Aside Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 CRBN	Carbon Reduction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 FB	Ferry Boat Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 SCP	Seaport Connectivity Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 ITS	Information Technology Systems (ITS)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 FLA	Federal Lands Access Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 TPW	Texas Parks and Wildlife Department	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 GR	Green Ribbon Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 ADA	ADA Pedestrian Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 LIA	Landscape Incentive Award	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 RR	Railroad Grade Crossing and Replanking Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 RSMP	Railroad Signal Maintenance Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 BSIF	Border State Infrastructure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11	District Discretionary	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 EN	Energy Sector	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 (Safety)	Safety (District Discretionary)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 CO/CO	Cost Overruns / Change Orders	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12 SP	Strategic Priority	\$131,250,000	\$131,250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$131,250,000	\$131,250,000
12 TCL	Texas Clear Lanes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SW PE	Statewide Budget PE	\$16,868,000	\$16,868,000	\$0	\$0	\$0	\$0	\$0	\$0	\$16,868,000	\$16,868,000
SW ROW	Statewide Budget ROW	\$1,535,000	\$1,535,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,535,000	\$1,535,000
Total		\$350,252,720	\$350,252,720	\$36,400,000	\$36,400,000	\$5,050,000	\$5,050,000	\$0	\$0	\$391,702,720	\$391,702,720

Waco MPO

FY 2025 - 2028 Transportation Improvement Program

November 2024 Quarterly STIP Revision

Funding Participation Source

Source	FY 2025	FY 2026	FY 2027	FY 2028	Total FY 25-28
Federal	\$263,931,000	\$29,120,000	\$4,040,000	\$0	\$297,091,000
State	\$65,991,000	\$7,280,000	\$1,010,000	\$0	\$74,281,000
Local Match	\$0	\$0	\$0	\$0	\$0
CAT 3 - Local Contributions (LC)	\$1,927,720	\$0	\$0	\$0	\$1,927,720
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
Other	\$0	\$0	\$0	\$0	\$0
Enter "Other" Project Type (if highlighted)					
Statewide Budget PE	\$16,868,000	\$0	\$0	\$0	\$16,868,000
Statewide Budget ROW	\$1,535,000	\$0	\$0	\$0	\$1,535,000
Total	\$350,252,720	\$36,400,000	\$5,050,000	\$0	\$391,702,720

Transit Financial Summary

Waco Metropolitan Planning Organization

FY 2025- 2028 Transportation Improvement Program

All Figures in Year of Expenditure (VOE) Dollars

Current as of 3/8/2024

Transit Program	FY 2025			FY 2026			FY 2027		
	Federal	State/Other	Total	Federal	State/Other	Total	Federal	State/Other	Total
1 Sec. 5307 - Urbanized Formula >200K			\$0			\$0			\$0
2 Sec. 5307 - Urbanized Formula <200K	\$4,445,110	\$3,362,280	\$7,807,390	\$4,666,781	\$3,530,234	\$8,197,015	\$4,900,120	\$3,706,746	\$8,606,866
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 Sec. 5339 - Bus/Bus Facilities Acquisition	\$500,000		\$500,000	\$525,000		\$525,000	\$551,250		\$551,250
13 Regionally Significant or Other			\$0			\$0			\$0
Total Funds	\$4,945,110	\$3,362,280	\$8,307,390	\$5,191,781	\$3,530,234	\$8,722,015	\$5,451,370	\$3,706,746	\$9,158,116
Transportation Development Credits									
Requested			\$0			\$0			\$0
Awarded			\$0			\$0			\$0

All Figures in Year of Expenditure (VOE) Dollars

Transit Programs	FY 2028			FY 2025-2028 Total		
	Federal	State/Other	Total	Federal	State/Other	Total
1 Sec. 5307 - Urbanized Formula >200K			\$0	\$0		\$0
2 Sec. 5307 - Urbanized Formula <200K	\$5,145,126	\$3,892,083	\$9,037,209	\$19,157,137	\$14,491,343	\$33,648,480
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 Sec. 5339 - Bus/Bus Facilities Acquisition	\$578,813		\$578,813	\$2,155,063		\$2,155,063
13 Regionally Significant or Other			\$0	\$0		\$0
Total Funds	\$5,723,939	\$3,892,083	\$9,616,022	\$21,312,200	\$14,491,343	\$35,803,543
Transportation Development Credits						
Requested			\$0			\$0
Awarded			\$0			\$0

Appendix A: Board & Committee Membership and Staff Fiscal Year 2024

MPO Policy Board

Chair

Josh Borderud

Council Member, District 3, City of Waco

Vice-Chair

Everett "Bo" Thomas

City Manager, City of Hewitt

Members

Andrea Barefield

Councilmember, District 1, City of Waco

Jacob Bell

Citizen Representative, City of Waco

Jed Cole

Plan Commission, City of Waco

Deidra Emerson

Deputy City Manager, City of Waco

Kevin Evans

City Manager, City of McGregor

Darius Ewing

Council Member, District 4, City of Waco

Scott Felton

County Judge, McLennan County

Calvin Hodde

City Manager, City of Lacy Lakeview

Jim Holmes

Council Member, District 5, City of Waco

Jim Jaska

Mayor, City of Ross

Will Jones

County Commissioner, McLennan County

Craig Lemin

City Manager, City of Robinson

Dillon Meek

Mayor, City of Waco

Adam Niolet

Assistant City Manager, City of Woodway

Stan Swiatek

District Engineer, Texas Dept of Transportation

Yost Zakhary

City Manager, City of Bellmead

Ex-Officio Members

Charles "Doc" Anderson

Texas House of Representatives, District 56

Angela Orr

State of Texas House of Representatives, District 13

Brian Birdwell

State of Texas Senator, District 22

John Cornyn

U.S. Senator

Ted Cruz

U.S. Senator

Pete Sessions

U.S. Congressman, District 17, District 17

Kyle Kacal

Texas House of Representatives, District 12

Babatunde Tugbobo

Federal Highway Administration

Tony Ogboli

Federal Transit Administration

MPO Technical Advisory Committee

Chair

Amy Burlarley-Hyland Director of Public Works, City of Waco

Vice Chair

Zane Dunnam County Engineer, McLennan County

Members

Mitch Davison	Director of Community Services, City of Woodway
Jim Devlin	Assistant City Manager, City of Hewitt
Victor Goebel	Director, Transportation Planning and Development, Waco District, TxDOT
Brenton Lane	Engineer, Transportation Planning and Development, Waco District, TxDOT
Bryan LeMeilleur	City Planner, 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 South Representative
Matt Penney	Director of Parking & Transportation Services, Baylor University
Craig Rice	Assistant Director of Public Works, City of Bellmead
Serena Stevenson	General Manager, Waco Transit System, Inc.
Laura Wagstaff	Planning Manager, City of Waco
Clayton Zacha	Waco Area Engineer, McLennan County, TxDOT
Rachel Williams	Water Utilities, City of Waco
(Vacant)	Small Cities North Representative
(Vacant)	Waco MPO Citizen's Participation Work Group

Ex-Officio Members

Todd Gibson	Transportation Planner – MPO Coordinator, Transportation Planning & Programming Division, TxDOT
Jeff Mohab Samuel	Deputy Waco Area Engineer, TxDOT
Joel Martinez	Airport Manager, Waco Regional Airport
(Vacant)	Public Transportation Coordinator, Waco District, TxDOT
Babatunde Tugbobo	Federal Highway Administration
Tony Ogboli	Federal Transit Administration

MPO Staff

Mukesh Kumar,	Director
Ph.D. Daniela	Engagement Specialist
Gallegos Arthur	Senior Planner
Chambers Annette	Senior Planner
Polk	Senior Planner
Nora Roy	

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.

INFRASTRUCTURE INVESTMENT AND JOBS ACT (IIJA): United States federal statute signed into law in 2021. The law authorizes \$1.2 trillion for transportation and infrastructure spending with \$550 billion of that figure going toward "new" investments and programs. Also known as the Bipartisan Infrastructure Law (BIL).

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.

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

Josh Borderud
Waco Metropolitan Planning Organization
Policy Board Chair

Date

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:	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:	May-24	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Widen to 4 lanes divided				PROJECT HISTORY:

REMARKS: Note: Project under development, funding commitment beyond 2028

CONTRACT CSJ:
 ANCESTORT CSJ: 2362-01-901
 DESCENDENT CSJ:
 ROW/CON CSJ:

<table border="0" style="width: 100%;"> <tr> <td style="padding: 2px;">Construction:</td> <td style="text-align: right; padding: 2px;">\$26,320,000</td> </tr> <tr> <td style="padding: 2px;">Preliminary Engineering:</td> <td style="text-align: right; padding: 2px;">\$1,225,000</td> </tr> <tr> <td style="padding: 2px;">Right of Way Acquisition:</td> <td style="text-align: right; padding: 2px;">\$0</td> </tr> <tr> <td style="padding: 2px;">Bond Financing:</td> <td style="text-align: right; padding: 2px;">\$0</td> </tr> <tr> <td style="padding: 2px;">Construction Engineering:</td> <td style="text-align: right; padding: 2px;">\$1,170,000</td> </tr> <tr> <td style="padding: 2px;">Contingencies</td> <td style="text-align: right; padding: 2px;">\$470,000</td> </tr> <tr> <td style="padding: 2px;">Indirect</td> <td style="text-align: right; padding: 2px;">\$0</td> </tr> <tr> <td style="padding: 2px;">Other:</td> <td style="text-align: right; padding: 2px;">\$900,000</td> </tr> <tr> <td style="padding: 2px;">Total:</td> <td style="text-align: right; padding: 2px;">\$30,085,000</td> </tr> </table>	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
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																		

**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:	\$170,000,000
HIGHWAY NUM:	US 84	LIMITS TO:	SH 6 / South Loop 340		
CSJ:	0055-08-121	MPO PROJECT ID:	S-048E		
REVISION DATE:	May-24	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Reconstruct main lanes, frontage roads, ramps, interchanges, and add direct connects				PROJECT HISTORY:
REMARKS:	Note: Project under development, funding commitment beyond 2028				
CONTRACT CSJ:					
ANCESTORT CSJ:					
DESCENDENT CSJ:					
ROW/CON CSJ:					

<table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">Construction:</td> <td style="width: 10%; text-align: right;">\$170,000,000</td> </tr> <tr> <td>Preliminary Engineering:</td> <td style="text-align: right;">\$9,098,900</td> </tr> <tr> <td>Right of Way Acquisition:</td> <td style="text-align: right;">\$35,000</td> </tr> <tr> <td>Bond Financing:</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td>Construction Engineering:</td> <td style="text-align: right;">\$14,168,300</td> </tr> <tr> <td>Contingencies</td> <td style="text-align: right;">\$15,691,000</td> </tr> <tr> <td>Indirect</td> <td style="text-align: right;">\$5,385,000</td> </tr> <tr> <td>Other:</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td>Total:</td> <td style="text-align: right;">\$214,378,200</td> </tr> </table>	Construction:	\$170,000,000	Preliminary Engineering:	\$9,098,900	Right of Way Acquisition:	\$35,000	Bond Financing:	\$0	Construction Engineering:	\$14,168,300	Contingencies	\$15,691,000	Indirect	\$5,385,000	Other:	\$0	Total:	\$214,378,200	NO CURRENT FUNDING COMMITMENT
Construction:	\$170,000,000																		
Preliminary Engineering:	\$9,098,900																		
Right of Way Acquisition:	\$35,000																		
Bond Financing:	\$0																		
Construction Engineering:	\$14,168,300																		
Contingencies	\$15,691,000																		
Indirect	\$5,385,000																		
Other:	\$0																		
Total:	\$214,378,200																		

**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:	SS 298	YOE COST:	\$8,000,000
HIGHWAY NUM:	US 84	LIMITS TO:	Lake Air Dr		
CSJ:	0055-15-078	MPO PROJECT ID:	S-048F		
REVISION DATE:	May-24	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Reconstruct roadway and realign ramps				PROJECT HISTORY:

REMARKS: Note: Project under development, funding commitment beyond 2028

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

Construction:	\$8,000,000	NO CURRENT FUNDING COMMITMENT
Preliminary Engineering:	\$409,100	
Right of Way Acquisition:	\$0	
Bond Financing:	\$0	
Construction Engineering:	\$674,600	
Contingencies	\$348,800	
Indirect	\$242,100	
Other:	\$0	
Total:	\$9,674,600	

**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:	May-24	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 2028				
CONTRACT CSJ:					
ANCESTORT CSJ:					
DESCENDENT CSJ:					
ROW/CON CSJ:					

Construction:	\$30,000,000	NO CURRENT FUNDING COMMITMENT
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	

**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)		
CSJ:	0398-03-063	MPO PROJECT ID:	S-028		
REVISION DATE:	May-24	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 2028				
CONTRACT CSJ:					
ANCESTORT CSJ:					
DESCENDENT CSJ:					
ROW/CON CSJ:					

Construction:	\$40,000,000	NO CURRENT FUNDING COMMITMENT
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	

**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:	0057-07-067	PROJECT SPONSOR:	TxDOT		
DESCRIPTION:	Construct 2-lane State Loop, construct overpass across BNSF RR, install traffic signals at SH 317 and US 84				PROJECT HISTORY:
REMARKS:	Note: Project under development, funding commitment beyond 2028				
CONTRACT CSJ:					
ANCESTORT CSJ:					
DESCENDENT CSJ:					
ROW/CON CSJ:					

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:	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:	May-24	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 2028				
CONTRACT CSJ:					
ANCESTORT CSJ:					
DESCENDENT CSJ:					
ROW/CON CSJ:					

Construction:	\$12,000,000	NO CURRENT FUNDING COMMITMENT
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	

**TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2025-2028**

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:	May-24	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, funding commitment beyond 2028

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

PROJECT HISTORY:

Construction:	\$1,200,000	NO CURRENT FUNDING COMMITMENT
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	



Hill County

Limestone County

Falls County

McLennan County

Bosque County

Coryell County

Bell County

0 3.75 7.5 15 Miles

Esri, NASA, NGA, USGS

TIP2025_2028

Undergoing Environmental Assessment

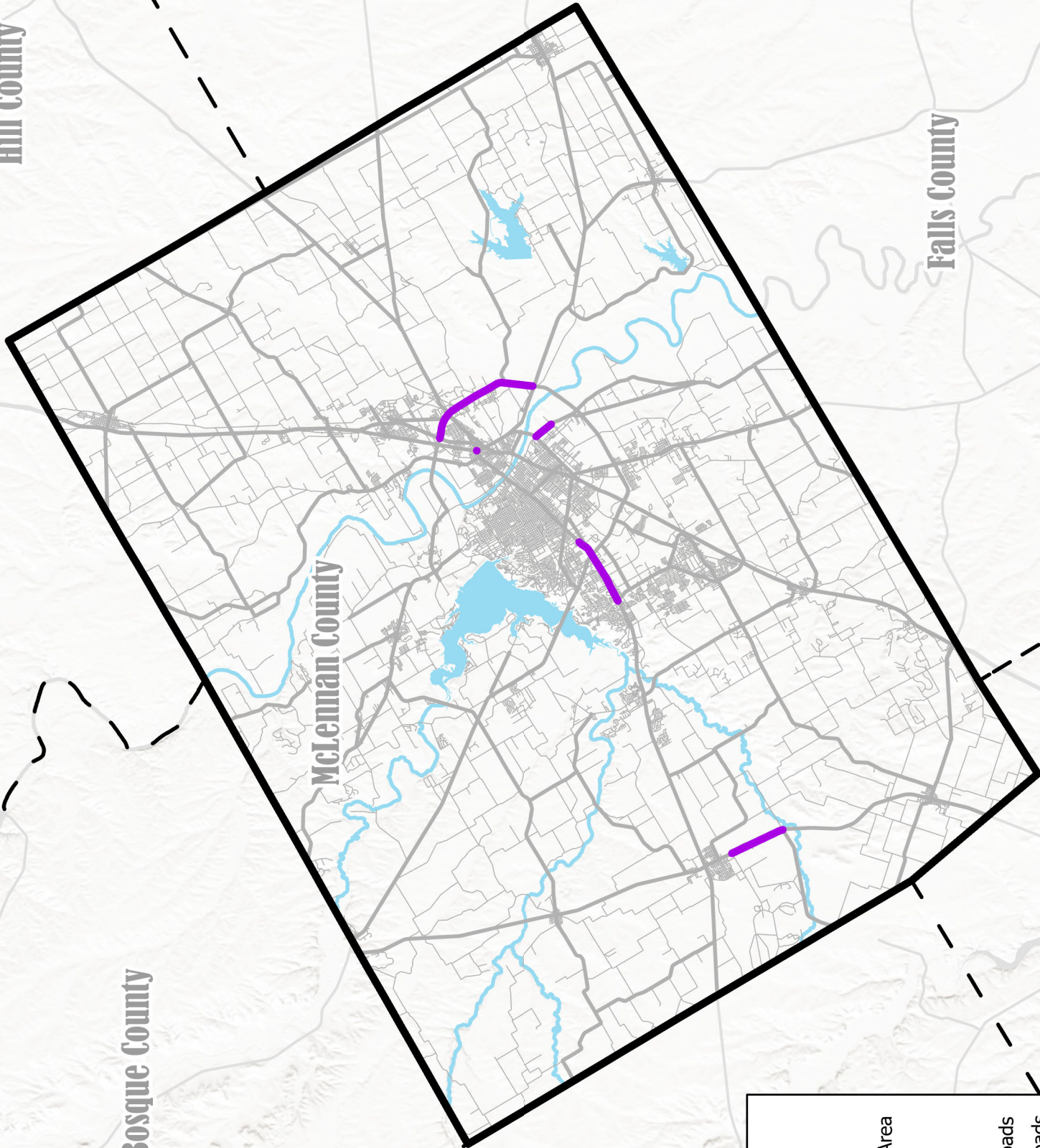
Waco MPO Planning Area Boundary

Major Reservoirs

Rivers

TxDOT On System Roads

TxDOT Off System Roads



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 March 31, 2024 and closed on April 29, 2024. The public comment period was advertised in accordance with 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:

- Tuesday, April 9, 2024 (Virtual and In Person, 12:00 PM Noon)
- Tuesday, April 9, 2024 (Virtual and In Person, 5:30 PM)

Information for accessing these meetings was made available for viewing online on March 30, 2024, and through public notices and press releases published beginning on March 30, 2024 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.

Grouped Highway Projects

Highway projects that are eligible to be grouped are not individually programmed in the TIP and are advanced as part of the STIP grouped project categories. Project identifiers are assigned by TxDOT. An illustrative listing of grouped highway projects eligible to be let during the FY 2025-2028 timeframe can be found in this section.

Grouped Bicycle and Pedestrian Projects

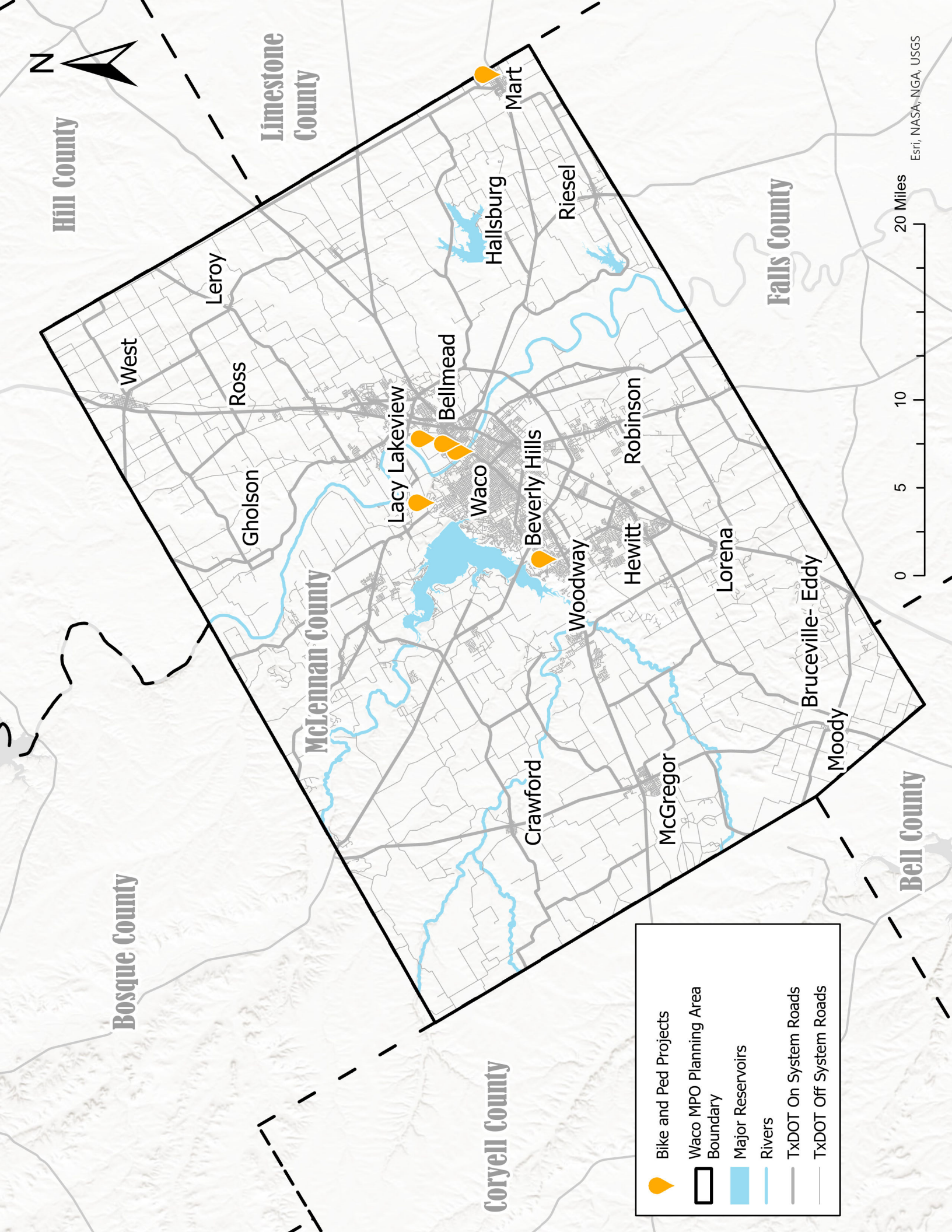
Most local bicycle and pedestrian projects are eligible to be grouped. These local projects are not individually programmed in the TIP and are advanced as part of the STIP grouped project categories. Note that MPO project identifiers correspond to IDs found within *Connections 2045 – The Waco Metropolitan Transportation Plan*, if applicable. The grouped bicycle and pedestrian projects are shown on Map F-1. An illustrative listing of grouped bicycle and pedestrian projects eligible to be let during the FY 2025-2028 timeframe can be found in this section.

Grouped Carbon Reduction Projects

Most local carbon reduction projects are eligible to be grouped. 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 carbon reduction projects are shown on Map F-2. An illustrative listing of carbon reduction projects eligible to be let during the FY 2025-2028 timeframe can be found in this section.

Grouped Transit Projects

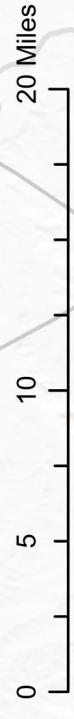
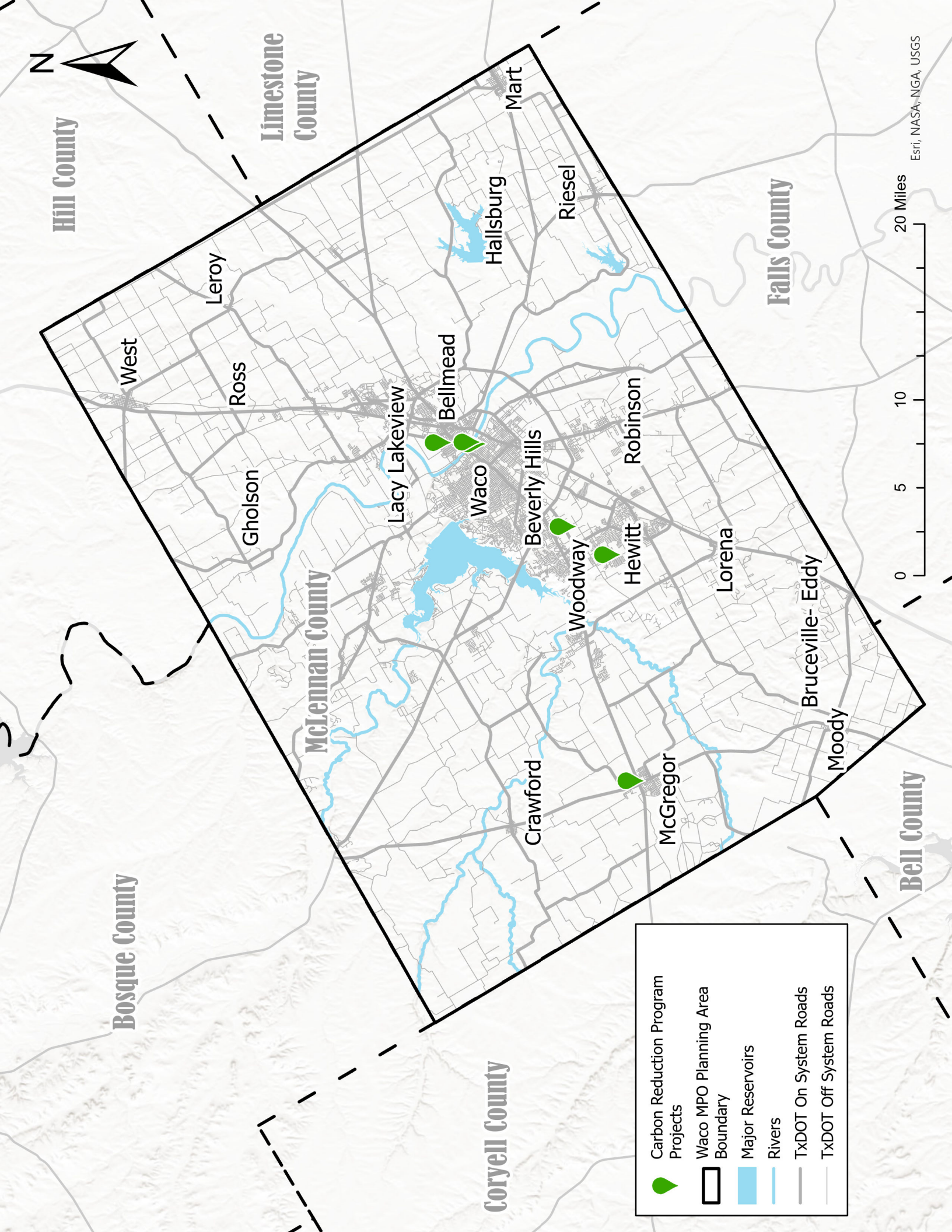
Many public transportation improvements are eligible to be grouped. These local projects are not individually programmed in the TIP and are advanced as part of the STIP grouped project categories. Note that MPO project identifiers correspond to IDs found within *Connections 2045 – The Waco Metropolitan Transportation Plan*, if applicable. An illustrative listing of grouped public transportation projects eligible to be implemented during the FY 2025-2028 timeframe can be found in this section.









	Bike and Ped Projects
	Waco MPO Planning Area Boundary
	Major Reservoirs
	Rivers
	TxDOT On System Roads
	TxDOT Off System Roads



Esri, NASA, NGA, USGS



	Carbon Reduction Program Projects
	Waco MPO Planning Area Boundary
	Major Reservoirs
	Rivers
	TxDOT On System Roads
	TxDOT Off System Roads

Esri, NASA, NGA, USGS

Hill County

Limestone County

Falls County

Bell County

Coryell County

Bosque County

McLennan County

West

Leroy

Ross

Gholson

Lacy Lakeview

Bellmead

Waco

Beverly Hills

Woodway

Hewitt

Robinson

Lorena

Hallsburg

Riesel

Mart

Crawford

McGregor

Bruceville- Eddy

Moody

FHWA-Approved Grouped Project Allowance

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.





PROPOSED CSJ	GROUPED PROJECT CATEGORY	DEFINITION
5000-00-956	Landscaping	Projects 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.
<p>Note 1: Projects eligible for grouping include associated project phases (Preliminary Engineering, Right-Of-Way and Construction).</p> <p>Note 2: Projects funded with Congestion Mitigation Air Quality funding require a Federal eligibility determination, and are not approved to be grouped.</p> <p>Note 3: Passing lanes include "SUPER 2" lanes consistent with TXDOT's Roadway Design Manual.</p> <p>Note 4: In PM10 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.</p> <p>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.</p>		



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
0162-01-099	McLennan	US 84	2025	Resurface Roadway	Active	PS&E	SP 299	SH 31	Roadway	Overlay	Statewide Let	9/5/2024	1	\$ 6,950,000
2395-01-014	McLennan	FM 2491	2026	Seal Coat	Active	Planning	SL 340	Deadend	Roadway	Seal Coat	Statewide Let	9/4/2025	1	\$ 300,000
0209-01-075	McLennan	SL 2 (148th St)	2027	Hazard Elimination & Safety	Active	PE	US 84	BU 77	Roadway	Projects	Statewide Let	6/1/2027	8	\$ 1,058,169
2311-01-045	McLennan	FM 3051	2026	Construct New Roadway Lanes	Active	PE	FM 1637	Lake Shore Dr	Roadway	Safety Improvement	Statewide Let	2/1/2026	8	\$ 6,000,000
0258-10-050	McLennan	SL 396	2025	Construct Ramps	Active	Planning	US 84	Bagby Avenue	Roadway	Curb Ramps	Statewide Let	5/1/2025	9	\$ 2,000,000
0909-22-192	McLennan	CS 1168148	2025	Bridge Replacement	Active	Planning	.1 MI S of Navarro Avenue		Roadway	Bridge Replacement	Statewide Let	1/7/2025	6	\$ 455,100
2396-02-014	McLennan	FM 2490	2027	Seal Coat	Active	Initiate	FM 1637	Bosque CL	Roadway	Seal Coat	Statewide Let	11/1/2026	1	\$ 480,000
0209-01-076	McLennan	US 77	2027	Resurface Roadway	Active	Planning	SL 396	Falls CL	Roadway	Overlay	Statewide Let	1/1/2027	1	\$ 9,500,000
0833-04-046	McLennan	FM 434	2026	Resurface Roadway	Active	PS&E	SH 6	FM 3400	Roadway	Rehabilitation of Existing Road	Statewide Let	11/5/2025	1	\$ 5,000,000
0014-10-069	McLennan	BU 77L	2028	Intersection Improvement	Active	PS&E	IH 35	Waco Traffic Circle	Roadway	Intersection & Operational Imprv	Statewide Let	9/1/2027	4	\$ 4,500,000
0398-03-066	McLennan	SH 317	2025	Hazard Elimination & Safety	Active	Planning	W 3rd St	W 6th St	Local Let	Imprv	Local Agency Let	1/1/2025	4	\$ 193,072
0909-22-202	McLennan	CS 254265	2025	Bicycle And Pedestrian Improvements	Active	Planning	Jackson Ave	Webster Ave	Local Let	Curb Ramps	Local Agency Let	3/1/2025	9	\$ 489,200
0209-07-049	McLennan	FM 933	2027	Rehabilitate Existing Roadway	Active	Planning	Hill CL	FM 308	Roadway	Rehabilitation of Existing Road	Statewide Let	1/1/2027	1	\$ 8,900,000
1192-01-030	McLennan	FM 939	2026	Seal Coat	Active	Planning	SH 31	FM 342	Roadway	Seal Coat	Statewide Let	9/4/2025	1	\$ 668,201
0909-00-074	McLennan	CS 254155	2026	Hazard Elimination & Safety	Active	PE	@ N 34th St	@ N 34th St	Roadway	Safety Improvement	Statewide Let	8/1/2026	8	\$ 1,267,977
0015-01-257	McLennan	IH 35	2025	Hazard Elimination & Safety	Active	PE	0.10 Mi S of MLK	0.10 Mi N of MLK	Roadway	Safety Improvement	Statewide Let	6/4/2025	8	\$ 193,551
0049-01-091	McLennan	SH 6	2028	Bridge Maintenance	Active	Planning	@ TRIB OF SHAW CREEK	(STR #112)	Roadway	Bridge Maintenance	Statewide Let	12/1/2027	6	\$ 33,000
0055-08-115	McLennan	US 84	2028	Bridge Replacement	Active	Planning	@ SH 6 UP (SB FR)	(STR #079)	Roadway	Bridge Replacement	Statewide Let	6/1/2028	6	\$ 3,200,000
3233-01-014	McLennan	FM 3148	2025	Seal Coat	Active	Planning	IH 35	US 77	Roadway	Seal Coat	Statewide Let	1/7/2025	1	\$ 373,164
0909-22-215	McLennan	Dallas St	2026	Construct Pedestrian Infrastructure	Active	PE	Ashburn St	Elm Avenue	Local Let	Curb Ramps	Local Agency Let	5/2/2026	9	\$ 4,299,710
0055-08-114	McLennan	US 84	2028	Bridge Replacement	Active	Planning	@ SH 6 UP (NB FR)	(STR #82)	Roadway	Bridge Replacement	Statewide Let	6/1/2028	6	\$ 3,200,000
2396-02-015	McLennan	FM 2490	2027	Rehabilitate Existing Roadway	Active	Planning	Bosque CL	FM 1637	Roadway	Rehabilitation of Existing Road	Statewide Let	1/1/2027	1	\$ 3,700,000
0049-01-096	McLennan	SH 6	2027	Bridge Replacement	Active	PS&E	SH 6 NB @ TEHUACANA CREEK RELIEF	(STR # 004)	Roadway	Bridge Replacement	Statewide Let	1/1/2027	6	\$ 1,500,000
0258-10-045	McLennan	SL 396	2028	Widen Bridge	Active	Planning	@ UNION PACIFIC RR OP	VALLEY MILLS DR (STR #34)	Roadway	Bridge Widening or Rehabilitation	Statewide Let	1/1/2028	6	\$ 5,333,000
0909-22-205	McLennan	CS 1035183	2026	Bridge Replacement	Active	Planning	S FK Cow BYU #69	S FK Cow BYU #69	Roadway	Bridge Replacement	Statewide Let	1/1/2026	6	\$ 689,000
0413-01-032	McLennan	SH 164	2025	Seal Coat	Active	Planning	US 6	Limestone C/L	Roadway	Seal Coat	Statewide Let	9/5/2024	1	\$ 569,448
1078-02-009	McLennan	FM 2643	2025	Seal Coat	Active	Planning	Falls CL	US 77	Roadway	Seal Coat	Statewide Let	9/5/2024	1	\$ 473,280
3331-01-010	McLennan	FM 3222	2026	Seal Coat	Active	Planning	SH 6	End of Road	Roadway	Seal Coat	Statewide Let	9/4/2025	1	\$ 1,000,000
0014-10-064	McLennan	BU 77L	2028	Reconstruct Existing Roadway	Active	PS&E	IH 35	FM 434	Roadway	Projects	Statewide Let	1/1/2028	8	\$ 20,000,000
0014-10-067	McLennan	BU 77L	2028	Reconstruct Existing Roadway	Active	Planning	@ BRAZOS RV (SB)	(STR #170)	Roadway	Bridge Replacement	Statewide Let	1/1/2028	6	\$ 9,000,000
0055-15-079	McLennan	US 84	2025	Rehabilitate Existing Roadway	Active	PS&E	SL 396	BU 77	Roadway	Overlay	Statewide Let	9/5/2024	1	\$ 11,560,919
0833-04-045	McLennan	FM 434	2028	Widen Road - Add Shoulders	Active	PE	FM 3400	FALLS COUNTY LINE	Roadway	Rehabilitation of Existing Road	Statewide Let	10/1/2027	1	\$ 11,490,001
0833-14-010	McLennan	FM 3400	2026	Resurface Roadway	Active	PS&E	SH 6	FM 434	Roadway	Rehabilitation of Existing Road	Statewide Let	11/5/2025	1	\$ 6,500,000
0162-01-103	McLennan	SH 31	2026	Seal Coat	Active	Planning	US 84	Hill C/L	Roadway	Seal Coat	Statewide Let	9/4/2025	1	\$ 1,524,741
3032-01-008	McLennan	FM 2957	2026	Seal Coat	Active	Planning	FM 2491	FM 939	Roadway	Seal Coat	Statewide Let	9/4/2025	1	\$ 359,000
0398-02-027	McLennan	SH 317	2025	Seal Coat	Active	PS&E	FM 185	East Windsor Rd	Roadway	Seal Coat	Statewide Let	9/5/2024	1	\$ 823,944
2060-01-040	McLennan	FM 2113	2025	Widen Road - Add Shoulders	Active	Planning	FM 1695	FM 107	Roadway	Safety Improvement	Statewide Let	5/1/2025	8	\$ 9,127,699

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
2868-01-013	McLennan	FM 2837	2025	Seal Coat	Active	Planning	IH 35	US 77	Roadway	Seal Coat	Statewide Let	9/5/2024	1	\$ 905,520
3431-01-006	McLennan	FM 3434	2026	Rehabilitate Existing Roadway	Active	PE	FM 1637	End of Maintenance	Roadway	Rehabilitation of Existing Road	Statewide Let	10/8/2025	1	\$ 2,175,000
2060-01-039	McLennan	FM 2113	2025	Rehabilitate Existing Roadway	Active	PS&E	FM 2416	FM 1695	Roadway	Rehabilitation of Existing Road	Statewide Let	5/1/2025	1	\$ 4,802,500
0831-01-020	McLennan	FM 939	2026	Seal Coat	Active	Planning	FM 342	SH 164	Roadway	Seal Coat	Statewide Let	9/4/2025	1	\$ 54,771
0056-01-035	McLennan	US 84	2026	Seal Coat	Active	Planning	SH 31	Limestone C/L	Roadway	Seal Coat	Statewide Let	9/4/2025	1	\$ 747,676
0909-22-208	McLennan	CR 9531	2026	Bridge Replacement	Active	PS&E	Shaw Creek #2018	Shaw Creek #2018	Roadway	Bridge Replacement	Statewide Let	1/1/2026	6	\$ 419,000
0209-01-074	McLennan	US 77	2025	Seal Coat	Active	Planning	FM 3148	Falls County Line	Roadway	Seal Coat	Statewide Let	9/5/2024	1	\$ 387,618
0049-01-097	McLennan	SH 6	2027	Bridge Replacement	Active	PS&E	SH 6 NB @ TEHUACANA CREEK RELIEF	(STR # 005)	Roadway	Bridge Replacement	Statewide Let	1/1/2027	6	\$ 1,500,000
1078-03-009	McLennan	FM 2643	2025	Seal Coat	Active	Planning	US 77	FM 434	Roadway	Seal Coat	Statewide Let	9/5/2024	1	\$ 311,280
0909-22-204	McLennan	CS 254162	2025	Construct Pedestrian Infrastructure	Active	Planning	3rd St	8th St	Local Let	Pedestrian, Sidewalks & Curb Ramps	Local Agency Let	3/1/2025	9	\$ 518,500
0567-05-021	McLennan	FM 107	2028	Widen Road - Add Shoulders	Active	Planning	Coryell County Line	SH 317	Roadway	Safety Improvement Projects	Statewide Let	10/1/2027	8	\$ 14,450,000

Illustrative list of Grouped Bicycle and Pedestrian Projects

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
GROUP ID 5000-00-916
TxDOT CSJ 0909-22-193
STATUS Let 7/25/2023 – construction underway

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
GROUP ID 5000-00-916
TxDOT CSJ 0909-22-191
STATUS Let 2/3/2024 – construction underway

Construct on- and off-road facilities for bicycles and pedestrians along N 19th St between Lake Shore Dr and Park Lake Dr. Construct continuous sidewalks on both sides from Park Lake Dr to Live Oak Dr.

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
GROUP ID 5000-00-916
TxDOT CSJ 0909-22-194
STATUS Let 6/1/2024 – construction underway

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

Project: Mart School and Neighborhood Connector
Program: Transportation Alternatives
Fiscal Year: 2025
Applicant: City of Mart
Extent: S Carpenter St from SH 164 (E Texas Ave) to E Bowie St; E Bowie St from S Carpenter St to S Lumpkin St.
GROUP ID 5000-00-916
TxDOT CSJ 0909-22-214
STATUS Expected Let 5/3/2025

Construct 6-foot-wide sidewalk along the south side of S Carpenter St from SH 164 (E Texas Ave) to E Bowie St and along E Bowie St to from S Carpenter St to S Lumpkin St. to provide safe pedestrian

connections between the downtown area of Mart, adjacent neighborhoods and schools, and the community center.

Project: Waco Carver Neighborhood (Dallas Street) Bike and Pedestrian Project
Program: Transportation Alternatives
Fiscal Year: 2026
Applicant: City of Waco
Extent: Dallas St between Elm Ave and Ashburn St
GROUP ID 5000-00-916
TxDOT CSJ 0909-22-215
STATUS Expected Let 5/2/2026

Construct continuous sidewalk and bike lane along Dallas St between Elm Ave and Ashburn St to improve circulation within East Waco neighborhoods and provide important connections to existing active transportation corridors.

Project: Neighborhood and Elementary School Sidewalk Connector
Program: Transportation Alternatives
Fiscal Year: 2025
Applicant: City of Woodway
Extent: Midway Dr from Harvey Dr to Estate Dr; Estates Dr from Midway Dr to Jordan Ln
GROUP ID 5000-00-916
TxDOT CSJ 0909-22-216
STATUS Expected Let 5/3/2025

Construct continuous sidewalk along Midway and Estates Drives to improve pedestrian safety and ease vehicular use near Woodway Elementary School, and to connect adjacent neighborhoods to nearby retail opportunities.

Illustrative list of Grouped Carbon Reduction Projects

Project: MKT Rails to Trails Street Tree Installation Project
Program: Carbon Reduction Program
Fiscal Year: 2025
Applicant: City of Waco
Extent: Purchased UPRR property from Dallas Avenue to FM 933 (Gholson Rd)
MPO ID CR-001
GROUP ID 5000-00-956
TxDOT CSJ 0909-22-213
STATUS Expected Let 6/1/2025

Install street trees along a 12-foot-wide reinforced concrete shared use trail that supports alternative mobility in an area of the city facing decline. Street trees will contribute to carbon reduction by filtering drinking water, cleaning air we breathe, shading mobility options on sunny days, and providing habitat to terrestrial biodiversity.

Project: Mars Drive Street Tree Installation Project
Program: Carbon Reduction Program
Fiscal Year: 2024
Applicant: City of Waco
Extent: FM 1695 (Hewitt Dr) to Texas Central Pkwy
MPO ID CR-002
GROUP ID 5000-00-956
TxDOT CSJ 0909-22-199
STATUS Expected Let 8/3/2024

Install street trees along an active construction project that supports various alternative mobility options adjacent to Midway High School. Street trees will contribute to carbon reduction by filtering drinking water, cleaning the air we breathe, shading mobility options on sunny days, and providing habitat to terrestrial biodiversity.

Project: Mobilizing Microtransit
Program: Carbon Reduction Program
Fiscal Year: 2025
Applicant: City of Waco for Waco Transit
Extent: City of Waco
MPO ID CR-003
GROUP ID 5000-00-918
TxDOT CSJ 0909-22-200
STATUS Expected Let 1/7/2025

Introduce micro transit (on-demand mobility service) which uses a mobile smartphone application to create dynamic routing that adapts to a passenger's individual trip needs within established zones and provide the service with fully accessible electric vans. This project will fund the purchase of software and one electric van.

Project: City of McGregor Intersection Improvements
Program: Carbon Reduction Program
Fiscal Year: 2025
Applicant: City of McGregor
Extent: SH-317 at corners of W 3rd/TX-317 and W 6th/TX-317

MPO ID CR-004
GROUP ID 5800-00-915
TxDOT CSJ 0398-03-066
STATUS Expected Let 1/1/2025

Install pedestrian activated crossings at the corners of W 3rd/TX-317 and W 6th/TX-317 with the ability to be activated for safe pedestrian and bicycle crossing to encourage non-motorized travel throughout the downtown area of McGregor.

Project: Fourth Street Sidewalk Improvements
Program: Carbon Reduction Program
Fiscal Year: 2025
Applicant: City of Waco
Extent: S 4th Street between Webster Ave and Jackson Ave
MPO ID CR-006
GROUP ID 5000-00-916
TxDOT CSJ 0909-22-202
STATUS Expected Let 3/1/2025

Reconstruct sidewalks adjacent to Live Oak School to revitalize the west side of 4th Street from Webster Avenue to Jackson Avenue. Project includes reconstruction/addition of curb and sidewalks, ADA ramps, decorative limestone retaining walls, trees, landscaping, and pedestrian lighting.

Project: Ritchie Road Sidewalk Extension
Program: Carbon Reduction Program
Fiscal Year: 2024
Applicant: City of Waco
Extent: Ritchie Rd between Park Meadows subdivision and West Warren St
MPO ID CR-007
GROUP ID 5000-00-916
TxDOT CSJ 0909-22-203
STATUS Expected Let 8/3/2024

Extend sidewalk from Park Meadows residential subdivision to pedestrian crossing at West Warren Street to provide a safe connection to Park Hill Elementary School. Project includes addition of sidewalks, ADA ramps, and drainage improvements.

Project: Clay Avenue Sidewalk Improvements
Program: Carbon Reduction Program
Fiscal Year: 2025
Applicant: City of Waco
Extent: Clay Avenue between South 3rd St and South 8th St
MPO ID CR-008
GROUP ID 5000-00-916
TxDOT CSJ 0909-22-204
STATUS Expected Let 3/1/2025

Add and improve sidewalks along Clay Avenue to provide safe and continuous pedestrian connections. Project will contribute to the revitalization of Clay Avenue and includes curb and sidewalks, ADA ramps, decorative limestone retaining walls and landscaping.

Illustrative list of Grouped Transit Projects

Project: Bus and Bus Facility Purchase
Program: Bus and Bus Facility Purchases – 5339 (c)
Fiscal Year: 2025
Applicant: City of Waco / Waco Transit
MPO ID: T-5U
GROUP ID: 5000-00-918
STATUS: Expected bus purchase during the FY 2025-2028 timeframe

Waco Transit received a discretionary award of \$3,133,129 through the Low and No Emission Grant Program established by the 2021 Infrastructure Investment and Jobs Act for the purchase 4 battery-electric buses and installation of 4 chargers to replace aging diesel buses. Project is anticipated to reduce carbon emissions in neighborhoods with high levels of diesel-based pollution while improving the reliability of transit service and helping residents access jobs, schools, and essential services.

Appendix G: 2024 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 in a manner that results in a national transportation system with strong performance and great public benefit. Emphasis is placed on the efficient delivery of goods as well as 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 Urbanized 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 and TAM).

The project selection process used by the Waco MPO within Connections 2045: The Waco Metropolitan Transportation Plan (MTP) began with candidate project evaluation and selection. [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, were more likely to be included within the MTP as a recommended priority and were 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 2025-2028 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 February 17, 2022 and February 16, 2024.

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 2024. At the close of each year, TxDOT and the Waco MPO will report on significant progress toward meeting these targets.

On February 16, 2024, the Waco MPO Policy Board resolved to support TxDOT’s 2024 statewide safety targets expressed as a five-year average identified in Table G.1 below:

Table G.1 – TxDOT 2024 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
2024 Targets	3,046	1.14	17,062	6.39	2,357

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 – Construction Phase

- **IH-35 from S 12th St to N Loop 340:** Reconstruct, widen to 8 main lanes, reconstruct and realign ramps and frontage roads
CSJ 0015-01-246
This project is expected to reduce fatal and serious injury crashes, including pedestrian, bicycle and vehicle crashes occurring along the corridor.
- **SP 298 (Franklin Ave) from US 84 E to SL 396 (Valley Mills Dr):** Widen to six lanes divided, relocate main lanes to frontage roads, construct dual left turn lane
CSJ 0055-08-120
This project is expected to reduce fatal and serious injury crashes, including pedestrian and vehicle crashes observed in this corridor.
- **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.

Highway Projects – Preliminary Engineering / Right of Way Phases

- **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.
- **US 84 from FM 1695 (Hewitt Dr) to SS 298**
Reconstruct main lanes, frontage roads, ramps, interchanges, and add direct connects
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.
- **E SL 340 from US 84 to LP 484**
Widen to 4 lanes divided
CSJ 2362-01-034
This project is expected to reduce fatal and serious injury crashes along the designated IH-35 alternative route through McLennan County. This corridor is also a primary Fort Worth to Bryan and Houston route.

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. Since 2011, McLennan County has experienced an average of 7.8 fatal pedestrian crashes each year. Below are examples of projects the Waco District of TxDOT has programmed within the Grouped Project CSJ Program to reduce these types of crashes:

- **SL2 from US 84 to BU 77** – Install safety lighting
- **FM 3051 from FM 1637 to Lake Shore Dr** – Construct continuous two way turn lane and shared use path
- **Bosque Blvd @ N 34th St** – Improve traffic signals, improve pedestrian signals, install flashing yellow arrow, upgrade to accessible crosswalks
- **IH 35 @ MLK** – Install pedestrian signal
- **BU 77L from IH 35 to FM 434** – Construct bike/ped facilities, upgrade intersections and reconstruct roadway
- **FM 107 from Coryell CL to SH 317** – Safety widening, add shoulders and construct continuous two way turn lane

This TIP includes several grouped projects to address pedestrian safety within the vicinity of schools, community centers, grocery stores, retail, and restaurants in the Waco region. Examples of improvements to address pedestrian safety are listed below. A more comprehensive illustrative list of these projects is included in Appendix F.

- **Cedar Ridge Sidewalks:** N 19th St in the City of Waco
- **Indian Spring Pedestrian Connectivity Sidewalks:** Jefferson Ave and 3rd St in the City of Waco
- **Mart School and Neighborhood Connector:** S Carpenter St from SH 164 (E Texas Ave) to E Bowie St, and E Bowie St from S Carpenter St to S Lumpkin St in the City of Mart

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.

- **E SL 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
- **US 84 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 SL 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
- **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.

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 April 20, 2023, the Waco MPO Policy Board resolved to support TxDOT targets for pavement and bridge condition for NHS facilities:

- Interstate Pavements: 63.9% good condition, 0.2% poor condition
- Non-Interstate NHS System pavements: 45.5% good condition, 1.5% poor condition
- NHS System Bridges: 48.5% 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.

Highway Projects – Construction Phase

- **IH-35 from S 12th St to N Loop 340:** Reconstruct, widen to 8 main lanes, reconstruct and realign ramps and frontage roads
CSJ 0015-01-246
This project is expected to improve the pavement and bridge conditions for IH-35 between S 12th St. and N Loop 340.
- **SH 6 Twin Bridges:** Reconstruct and widen bridges and approaches to accommodate 4 lanes with shoulders
CSJ 0258-09-147
This project is expected to improve the bridge conditions for SH 6 over Lake Waco.
- **SP 298 (Franklin Ave) from US 84 E to SL 396 (Valley Mills Dr):** Widen to six lanes divided, relocate main lanes to frontage roads, construct dual left turn lane
CSJ 0055-08-120
This project is expected to improve the pavement conditions in the project areas

Below are examples of preventative maintenance projects programmed within the Grouped Project CSJ Program to ensure this standard.

- US 84 from SP 299 to SH 31 – Overlay
- FM 2491 from SL 340 to Double EE Ranch Rd – Seal coat
- Navarro Ave between S Goddard St and S Emerson St – Replace bridge
- FM 2490 from FM 1637 to Bosque County line – Seal coat
- US 77 from SL 396 to Falls County line – Resurface roadway
- FM 434 from SH 6 to FM 3400 – Resurface roadway
- FM 933 from Hill County line to FM 308 – Rehabilitate existing roadway
- FM 939 from SH 31 to FM 342 – Seal coat
- SH 6 at Shaw Creek northwest of W Lake Creek Rd intersection – bridge maintenance
- SH 6 at Tehuacana Creek east of intersection with SL 340/SL 484– replace bridges
- SL 396 over Union Pacific RR – widen and rehabilitate bridge
- SH 164 from US 6 to Limestone County line – Seal coat
- FM 2643 from Falls County line to US 77 – Seal coast
- BU 77L from IH 35 to FM 434 – reconstruct existing roadway
- BU 77L over Brazos River between S University Parks Dr and S M.L.K. Jr Blvd – replace bridge
- FM 107 from Coryell County line to SH 317 – add shoulders to roadway

Note: as of 2022, there were no NHS system bridges within the Waco Region rated as being in poor condition.

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, 2022, 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. In 2022 MPO staff and the MPO Technical Advisory Committee recommended support for TxDOT's Travel Time Reliability Performance Targets and TTI's recommended future adjustments based on data and current local conditions. The Policy Board resolved to adopt these measures. The table below shows the targets adopted by the Policy Board in 2022 and the TTI / MPO Staff recommended mid-point and 4-year adjustments.

Table G.2 identifies the travel time reliability measures adopted by the Waco MPO Policy Board on June 16, 2022 for the year 2022.

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

System	Adopted 2022 Target	2024 Target Recommendation*	2026 Target Recommendation*
Interstate All Traffic	80%	80%	80%
Other Fwy / Principal Arterials All Traffic	80%	85%	85%

Interstate Truck Ratio	1.75	1.75	1.75
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* Texas A&M Transportation Institute (TTI)

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

- IH-35 from S 12th St to N Loop 340:** Reconstruct, widen to 8 main lanes, reconstruct and realign ramps and frontage roads
CSJ 0015-01-246
This project is expected to significantly improve travel time reliability for IH-35.
- Spur 298 (Franklin Ave) from US 84 E to SL 396 (Valley Mills Dr):**
Widen to six lanes divided, relocate main lanes to frontage roads, construct dual left turn lane
CSJ 0055-08-120
This project is expected to address unacceptable traffic conditions forecasted for 2045.
- 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 significantly improve travel time reliability for SH 6 west of Lake Waco

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.
- E SL 340 from US 84 to LP 484**
Widen to 4 lanes divided
CSJ 2362-01-034
This project is expected to improve travel delays and travel time reliability for this designated IH-35 alternative route through McLennan County. This corridor is also a primary Fort Worth to Bryan and Houston route.
- 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

The asset condition targets adopted in table G.3 represent the effect of aging on the vehicle fleet used by the Waco Transit System, Inc. The Waco Transit System, Inc. has programmed \$8,072,000 within this TIP for preventative maintenance and \$2,155,000 for transit vehicle acquisition to ensure that the existing vehicle fleet and transit facilities will remain safe and function reliably through FY 2028.

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.

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 15, 2024, the Waco MPO Policy Board resolved to support the Waco Transit System’s updated safety targets included their Public Transportation Agency Safety Plan and 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	33,980 miles	39,920 miles

Appendix H: Amendments