



# **Technical Advisory Committee**

**December 1, 2021  
9:30 a.m.**

# Agenda



**Killeen-Temple Metropolitan Planning Organization**  
**Technical Advisory Committee**  
Wednesday, December 1, 2021

Central Texas Council of Governments Building  
2180 North Main Street, Belton, Texas 76513

**Electronic Meeting: 9:30 A.M.**

Please join my meeting from your computer, tablet or smartphone.  
<https://global.gotomeeting.com/join/756809085>

You can also dial in using your phone.  
United States: [+1 \(872\) 240-3212](tel:+18722403212)  
Access Code: 756-809-085

**AGENDA**

1. Call to Order.
2. Opportunity for Public Comment.
3. Staff Update (pgs. 6-12):
  - a) Meeting Schedule;
  - b) Federal & State Updates;
  - c) Air Quality.
4. **Action Item:** Regarding approval of minutes from the November 10, 2021 meeting (pgs. 14-16).
5. **Discussion and Action Item:** Regarding initiation of public involvement for amendments to the FY21-24 Transportation Improvement Program (TIP) and 2045 Metropolitan Transportation Plan (MTP) to (pgs. 18-28):
  - a) Add the following projects to the TIP:
    - i. S45-03 – Williams Rd Sidewalks;
    - ii. A45-02 – HCTD Bus Replacement Purchase.
  - b) Revise the project cost for following projects:
    - i. T40-13a – Georgetown Railroad Trail Project;
    - ii. H30-03b – Warriors Path Phase 2;
6. **Discussion and Action Item:** Regarding Resolution 2022-01 supporting the development of a regional Habitat Conservation Plan (HCP) (pgs. 30-38).
7. **Discussion and Action Item:** Regarding amendments to the FY22-23 Unified Planning Work Program (UPWP) for the development of a regional HCP and development of local and regional thoroughfare plans (pg. 40).



8. **Discussion Item:** Regarding 2023 TxDOT Unified Transportation Plan (UTP) update (pgs. 42-44).
9. **Discussion Item:** Regarding visioning for new KTMP O dashboard development (pgs. 46-48).
10. **Discussion Item:** Regarding public input received through November 2021 (pgs. 50-52).
11. Member comments.
12. Adjourn.

# **Item 3:**

## **Staff Update**

**Staff Update**

a) Listed below are the upcoming KTMPPO meetings:

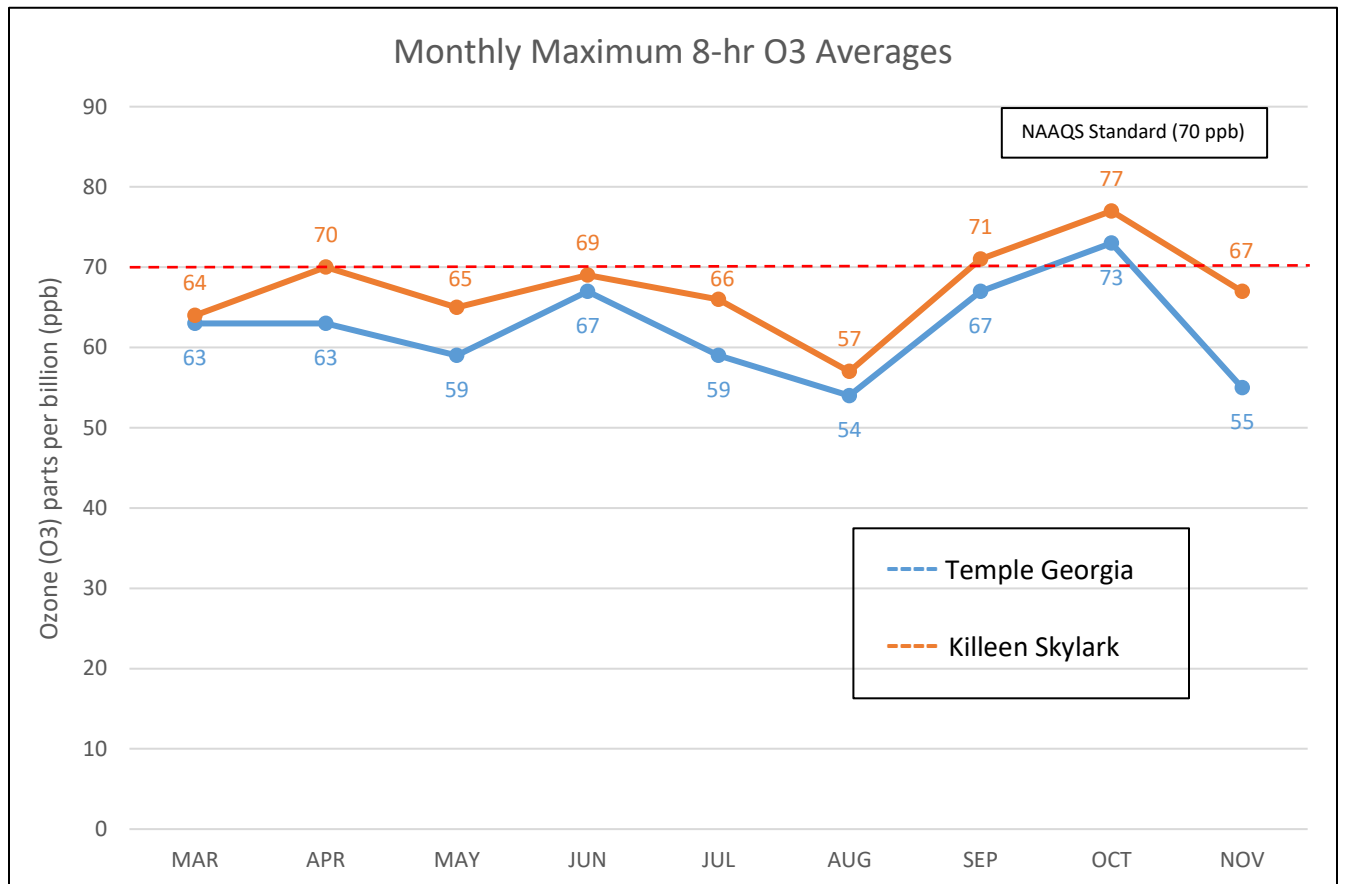
- December 7, 2021 – Bicycle Pedestrian Advisory Committee
- December 15, 2021 – Transportation Planning Policy Board (electronic)
- January 5, 2022 – Technical Advisory Committee (electronic)
- January 19, 2022 – Transportation Planning Policy Board (electronic)
- February 2, 2022 – Technical Advisory Committee
- February 16, 2022 – Transportation Planning Policy Board

All meetings are scheduled for 9:30am at the Central Texas Council of Governments offices in Belton, Texas, unless otherwise noted (ie – electronic meeting).

b) Federal and State updates:

- TEMPO Updates
  - Active Transportation Plan Inventory Tool
  - New TxDOT STIP Dashboard
- Infrastructure Investment & Jobs Act (IIJA) signed into law on November 15, 2021.
  - DOT Specific Summary for Texas (included in packet)
  - More detailed information: [NACO Analysis](#) and [NARC Analysis](#).
- Biden Administration Action Plan for Ports and Waterways ([Link](#))
- KTMPPO will be undergoing a Federal Certification Review (FCR) in the Spring, staff is beginning to prepare for this.

c) Air Quality



Compliance with EPA Ozone Standard: 4th Highest Annual Value				3-year average (Calculated on Oct. 9, 2021)
	2019	2020	2021	
Temple	63	64	67	65
Killeen	67	63	70	67

**Action Needed:** No action needed; for discussion only.



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## The Bipartisan Infrastructure Law Will Deliver for Texas

President Biden and Vice President Harris’s Bipartisan Infrastructure Law is the largest long-term investment in our infrastructure and competitiveness in nearly a century. **The need for action in Texas is clear, and recently released state-level data demonstrates that the Bipartisan Infrastructure Law will deliver for Texas.** For decades, infrastructure in Texas has suffered from a systemic lack of investment. In fact, the American Society of Civil Engineers gave Texas a C on its infrastructure report card. The historic Bipartisan Infrastructure Law will make life better for millions of Texas residents, create a generation of good-paying union jobs and economic growth, and position the United States to win the 21st century.

Specifically, with regard to transportation, the Bipartisan Infrastructure Law will:

**Repair and rebuild our roads and bridges with a focus on climate change mitigation, resilience, equity, and safety for all users, including cyclists and pedestrians.** In Texas there are 818 bridges and over 19,441 miles of highway in poor condition. Since 2011, commute times have increased by 11.4% in Texas, and on average, each driver pays \$709 per year in costs due to driving on roads in need of repair. The Bipartisan Infrastructure Law is the single largest dedicated bridge investment since the construction of the interstate highway system. **Based on formula funding alone, Texas would expect to receive approximately \$27.4 billion over five years in Federal highway formula funding for highways and bridges.** On an average annual basis, this is about 26.4% more than the State’s Federal-aid highway formula funding under current law (1). Texas can also compete for the \$12.5 billion Bridge Investment Program for economically significant bridges and \$15 billion of national funding in the law dedicated to megaprojects that will deliver substantial economic benefits to communities. Texas can also expect to receive approximately \$641 million over five years in formula funding to reduce transportation-related emissions, in addition to about \$729 million over five years to increase the resilience of its transportation system (2). States may also apply federal aid dollars towards climate resilience and safety projects.

**Improve the safety of our transportation system. The Bipartisan Infrastructure Law invests \$13 billion over the Fixing America’s Surface Transportation (FAST) Act levels directly into improving roadway safety.** Over five years, Texas will receive approximately \$153 million in 402 formula funding for highway safety traffic programs, which help states to improve driver behavior and reduce deaths and injuries from motor vehicle-related crashes. On an average annual basis, this represents about a 29% increase over FAST Act levels. Local and tribal governments in Texas will also be eligible to compete for \$6 billion in funding for a new **Safe Streets for All program** which will provide funding directly to these entities to support their efforts to advance “vision zero” plans and other improvements to reduce crashes and fatalities, especially for cyclists and pedestrians. In addition, Texas can expect to receive approximately \$247.1 million over five years in funding to augment their commercial motor



vehicle (CMV) safety efforts to reduce CMV crashes through the Federal Motor Carrier Safety Administration's Motor Carrier Safety Assistance Program (MCSAP) formula grant (3). This represents about a 63% increase in funding compared to FAST Act levels (4). Texas will be able to apply for funds to modernize data collection systems to collect near real time data on all reported crashes, including fatal ones, to enhance safety and to allow the Department to understand and address trends as they are identified. Texas also includes communities that will be eligible to apply for grants to community owned utilities to support the repair or replacement of leaky and unsafe cast iron and bare steel natural gas distribution pipelines, some of which are over 100 years old.

**Improve healthy, sustainable transportation options for millions of Americans.** Texans who take public transportation spend an extra 80.8% of their time commuting and non-White households are 2.7 times more likely to commute via public transportation. 12% of transit vehicles in the state are past useful life. **Based on formula funding alone, Texas would expect to receive about \$3.4 billion over five years under the Bipartisan Infrastructure Law to improve public transportation options across the state (5). In the first year, this represents about a 32% increase over 2021 FAST Act formula transit funding levels.**

**Build a network of EV chargers to facilitate long-distance travel and provide convenient charging options.** The U.S. market share of plug-in electric vehicle (EV) sales is only one-third the size of the Chinese EV market – in 2020, plug-in electric vehicles made up only 2.3% of new car sales in the U.S., compared to 6.2% in China. The President believes that must change. The law invests \$7.5 billion to build out the first-ever national network of EV chargers in the United States and is a critical element in the Biden-Harris Administration's plan to accelerate the adoption of EVs to address the climate crisis and support domestic manufacturing jobs. **Under the Bipartisan Infrastructure Law, Texas would expect to receive about \$408 million over five years to support the expansion of an EV charging network in the state (6). Texas will also have the opportunity to apply for grants out of the \$2.5 billion available for EV charging.**

**Modernize and expand passenger rail and improve freight rail efficiency and safety.** The Bipartisan Infrastructure Law includes \$66 billion above baseline to eliminate the Amtrak maintenance backlog, modernize the Northeast Corridor, and bring world-class rail service to areas outside the northeast and mid-Atlantic. Within these totals, \$22 billion would be provided as grants to Amtrak, \$24 billion as federal-state partnership grants for Northeast Corridor modernization, and \$12 billion for partnership grants for intercity rail service, including high-speed rail. On top of this, Texas will be eligible to compete for \$5 billion for rail improvement and safety grants and \$3 billion for grade crossing safety improvements.

**Improve our nation's airports.** The United States built modern aviation, but our airports lag far behind our competitors. **Under the Bipartisan Infrastructure Law, airports in Texas would receive approximately \$1.2 billion for infrastructure development for airports over five years (7).** This funding will address airside and landside needs at airports, such as improving runways, taxiways and airport-owned towers, terminal development projects, and noise reduction projects. In addition, \$5 billion in discretionary funding is available over five years for airport terminal development projects that address the aging infrastructure of our nation's airports, including projects that expand accessibility for persons with disabilities, improve access for historically disadvantaged populations, improve energy efficiency, and improve airfield safety.

**State and local governments can look forward to these new & expanded competitive grant programs in the Bipartisan Infrastructure Law (BIL) anticipated to launch over the course of the next year:**

- **Safe Streets for All (\$6B, new)** – This program will provide funding directly to local and tribal governments to support their efforts to advance “vision zero” plans and other improvements to reduce crashes and fatalities, especially for cyclists and pedestrians.
- **Rebuilding American Infrastructure with Sustainability and Equity (RAISE) Grants (\$15B, expanded)** – RAISE grants support surface transportation projects of local and/or regional significance.
- **Infrastructure for Rebuilding America (INFRA) Grants (\$14B, expanded)** – INFRA grants will offer needed aid to freight infrastructure by providing funding to state and local government for projects of regional or national significance. The BIL also raises the cap on multimodal projects to 30% of program funds.
- **Federal Transit Administration (FTA) Low and No Emission Bus Programs (\$5.6B, expanded)** – BIL expands this competitive program which provides funding to state and local governmental authorities for the purchase or lease of zero-emission and low-emission transit buses as well as acquisition, construction, and leasing of required supporting facilities.
- **FTA Buses + Bus Facilities Competitive Program (\$2.0B, expanded)** – This program provides competitive funding to states and direct recipients to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities including technological changes or innovations to modify low or no emission vehicles or facilities.
- **Capital Investment Grants (CIG) Program (\$23B, expanded)** – The BIL guarantees \$8 billion, and authorizes \$15 billion more in future appropriations, to invest in new high-capacity transit projects communities choose to build. The BIL provides funds that may support the 25 projects included in FTA’s Annual Report on Funding Recommendations for FY22 as well as additional projects across the country seeking CIG funding over the next five years. Projects must meet CIG program requirements to receive funding. In Texas, such recommended projects include the Expo Center Bus Rapid Transit and Pleasant Valley Bus Rapid Transit in Austin.
- **Federal Aviation Administration (FAA) Terminal Program (\$5B, new)** – This discretionary grant program will provide funding for airport terminal development and other landside projects.
- **MEGA Projects (\$15B, new)** – This new National Infrastructure Project Assistance grant program will support multi-modal, multi-jurisdictional projects of national or regional significance.
- **Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) Program (\$8.7B, new)** – PROTECT will provide \$7.3 billion in formula funding to states and \$1.4 billion in competitive grants to eligible entities to increase the resilience of our transportation system. This includes funding for evacuation routes, coastal resilience, making existing infrastructure more resilient, or efforts to move infrastructure to nearby locations not continuously impacted by extreme weather and natural disasters.
- **Port Infrastructure Development Program (\$2.25B, expanded)** – BIL will increase investment in America’s coastal ports and inland waterways, helping to improve the supply chain and enhancing the resilience of our shipping industry. BIL overall doubles the level of investment in port infrastructure and waterways, helping strengthen our supply chain and reduce pollution.
- **5307 Ferry Program (\$150M, existing)** – BIL retains the \$30 million per year passenger ferry program for ferries that serve urbanized areas.
- **Electric or Low Emitting Ferry Program (\$500M, new)** – This competitive grant program will support the transition of passenger ferries to low or zero emission technologies.

- **Rural Ferry Program (\$2B, new)** – This competitive grant program will ensure that basic essential ferry service continues to be provided to rural areas by providing funds to States to support this service.
- **Federal Highway Administration (FHWA) competitive grants for nationally significant bridges and other bridges (\$12.5B, new)** – This new competitive grant program will assist state, local, federal, and tribal entities in rehabilitating or replacing bridges, including culverts. Large projects and bundling of smaller bridge projects will be eligible for funding.
- **FTA All Station Accessibility Program (\$1.75B, new)** – This competitive grant program will provide funding to legacy transit and commuter rail authorities to upgrade existing stations to meet or exceed accessibility standards under the Americans with Disabilities Act.
- **Charging and fueling infrastructure discretionary grants (Up to \$2.5B, new)** – This discretionary grant program will provide up to \$2.5 billion in funding to provide convenient charging where people live, work, and shop.
- **Reconnecting Communities Pilot Program (\$1B, new)** – This new competitive program will provide dedicated funding to state, local, MPO, and tribal governments for planning, design, demolition, and reconstruction of street grids, parks, or other infrastructure.
- **FHWA Nationally Significant Federal Lands and Tribal Projects (\$1.5B, expanded)** – This discretionary program provides funding for the construction, reconstruction, and rehabilitation of nationally-significant projects within, adjacent to, or accessing Federal and tribal lands. BIL amends this program to allow smaller projects to qualify for funding and allows 100% federal share for tribal projects.
- **Strengthening Mobility and Revolutionizing Transportation (SMART) Grant Program (\$1B, new)** – The SMART Grant program will be a programmed competition that will deliver competitive grants to states, local governments, and tribes for projects that improve transportation safety and efficiency.

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- (1) *These values are estimates and may change based on updated factor data each fiscal year.*
- (2) *These values are estimates and may change based on updated factor data each fiscal year.*
- (3) *These values are estimates based on the 2020 FHWA public road mileage data for FYs 2022-2026. Formula funding amounts in FYs 2023-2026 are subject to change as a result of the annual public road mile data certified by FHWA. The 402 amounts do not include redistribution of unawarded 405 balances per 23 USC § 405(a)(8) as that information is unknown at this time. The Bipartisan Infrastructure Law specifies NHTSA must distribute the supplemental appropriations for Section 402 in “equal amounts for each fiscal year 2022 through 2026.” This analysis is subject to provisions of FY 2022-FY2026 appropriations acts.*
- (4) *These values are estimates and may change based on updated factor data each fiscal year.*
- (5) *Transit formula funding amounts are subject to changes resulting from the 2020 census or from annual transit service data reported to FTA’s National Transit Database.*
- (6) *These values are estimates and may change based on updated factor data each fiscal year.*
- (7) *Precise allocations would change each year because the formulas use current passenger boarding and cargo data, and this estimate is based on 2019 data.*

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## **Item 4:**

# **Meeting Minutes**



**KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION (KTMPPO)  
TECHNICAL ADVISORY COMMITTEE (TAC)**

Wednesday, November 10, 2021  
9:30 AM

**Hybrid Meeting**

Central Texas Council of Governments (CTCOG)  
2180 North Main Street  
Belton, TX 76513

**Technical Advisory Committee Voting Members**

Bob van Til – City of Belton	Bryan Neaves – Bell County
Robert Lewis – City of Copperas Cove	Judge Roger Miller – Coryell County
Kristina Ramirez – City of Harker Heights	David Williams for Commissioner Bobby Carroll – Lampasas County
Tony McIlwain for Kent Cagle – City of Killeen	Christi Bonham for Victor Goebel – TxDOT Waco District
Jason Deckman – City of Temple	
Darrell Burtner – Hill Country Transit District	
Judge Roger Miller – Coryell County	

**Additional Attendees**

Kara Escajeda – City of Nolanville	Brigida Gonzalez – TXDOT
Erika Kunkel – TxDOT Waco District	Mario Perez – Fort Hood
Chris Pruitt – TxDOT Waco District	Derek Czapnik – HCTD
Lauren Wolf – TxDOT Waco District	Uryan Nelson – KTMPPO
Rachael Perry – TxDOT Waco District	James McGill – KTMPPO
Amanda Mooney – TxDOT Waco District	Dominic Elizondo – CTCOG
Janet Sheguit – MRB Group	Hope Geiger – CTCOG
Brooke Thompson – MRB Group	

**Meeting Minutes:**

- 1. Call to Order:** Uryan Nelson called the meeting to order at 9:33 a.m.
- 2. Opportunity for Public Comment:** No comments were made by the public.
- 3. Staff Update:** Meeting Schedule; FM 2271 Feasibility Study Public Hearing; Federal and State Updates; Air Quality.

Uryan Nelson informed the TAC of upcoming board and advisory committee meetings through December and shared that staff would continue to work with the Board on what format meetings will take. Mr. Nelson stated that a public hearing for the FM 2271 Feasibility Study is scheduled for November 15<sup>th</sup> and provided updates to the group on the federal infrastructure grant, DOT's Climate Action Plan, and

FHWA/USDOT's Curbside Inventory Report. Maximum ozone air quality readings for the month of October were 73 parts per billion (ppb) at the Temple station and 77 ppb at the Killeen station.

**4. Action Item:** Approve minutes from the October 10, 2021 meeting.

**Kristina Ramirez made a motion to approve the October 10, 2021 meeting minutes, seconded by Judge Roger Miller; the motion passed unanimously.**

**5. Discussion and Action Item:** Regarding additional Category 7 funds made available through the Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA).

Uryan Nelson informed the group that additional Category 7 funds through CRRSAA in the amount of \$2.162 million dollars are available to the MPO. James McGill explained the two funding scenarios that staff is proposing for the additional Category 7 dollars. Several TAC members made comments on the scenarios and were generally in agreement that Scenario D2 was preferred. David Williams requested confirmation that there were no negative impacts with moving the Williams Rd Sidewalk project into the FY21-24 TIP. Staff confirmed that there were not.

**David Williams made a motion to recommend approval of Funding Scenario D2: Whole Projects + Williams Rd, seconded by Jason Deckman; the motion passed unanimously.**

**6. Discussion Item:** Regarding Highway Safety Improvement Program (HSIP) Call – FY23-25.

Lauren Wolf with TxDOT Waco District presented on the Waco District's HSIP Program, the recent call for local projects, and future HSIP calls.

**7. Discussion Item:** Regarding the Bell County Habitat Conservation Plan (HCP).

Judge Roger Miller gave a presentation on the background and development of the HCP along with potential impacts to KTMPO.

**8. Public input received through October 2021.**

Public input received through October 2021 was presented to the TAC. No new comments were submitted since the last meeting.

**9. Member Comments:**

No member comments.

**10. Adjourn:** The meeting adjourned at 10:25 a.m.

These meeting minutes were approved by TAC at their \_\_\_\_\_ meeting.

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Uryan Nelson, KTMPO Director

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## **Item 5:**

### **FY21-24 TIP & 2045 MTP**

#### **Amendments to:**

- a) Add projects to the TIP**
- b) Revise project costs**

### **Amendments to the FY21-24 TIP and 2045 MTP**

#### **MTP Background**

The Metropolitan Transportation Plan (MTP) is the 25-year long range planning document for KTMP. The 2045 MTP includes a short and long-range prioritized project listing incorporating projects expected to be funded within the document's 25-year planning horizon. The project listing is fiscally constrained based on the projected funding the MPO expects to receive in the 25 year planning period. The document also lists regionally significant unfunded projects. Projects must be included in the funded section of the MTP in order to receive state or federal funding.

#### **TIP Background**

The Transportation Improvement Program (TIP) is a 4-year transportation planning document that includes a detailed listing of projects reasonably expected to begin within a four-year period. The current TIP covers FY21 through FY24. Projects included in the TIP must be consistent with the MTP and are chosen based on regional priority and available funding. An amendment to a TIP is not completed until the change has also been included in the STIP—Statewide Transportation Improvement Program.

#### **Amendments to the 2045 MTP and FY21-24 TIP**

Amendments are needed to the MTP and TIP to:

- a) Add newly selected MPO projects to the TIP; and
  - i. S45-03 – Williams Rd Sidewalks; and
  - ii. A45-02 – HCTD Bus Replacement.
- b) Revise the project cost for the following projects.
  - i. T40-13a – Georgetown Railroad Trail Phase 1; and
  - ii. H30-03b – Warriors Path Phase 2.

**Schedule:**

- December 1, 2021 - TAC recommends initiation of public involvement for amendments to the TIP and MTP.
- December 15, 2021 - TPPB initiates public involvement for amendments to the TIP and MTP.
- December 18, 2021 – January 1, 2022—15-Day Public Comment Period;
  - Public Forum: December 21, 2021
    - 12:00 pm – Electronic Meeting: [Click Here](#)
    - You can also dial in using your phone. +1 (872) 240-3412;  
Access Code: 996-307-333
- January 5, 2022 - TAC recommends approval of amendments to the TIP and MTP.
- January 19, 2022 - TPPB approves amendments to the TIP and MTP.

**Action Needed:** Recommend initiation of public involvement for amendments to the FY21-24 TIP and 2045 MTP.

# Projects Added to the TIP

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Bell		CS	2022	C	Salado	Salado	\$647,024
LIMITS FROM:	FM 2484							
LIMITS TO:	W Village Rd					REVISION DATE:	Nov-21	
DESCRIPTION:	Construct ADA accessible concrete sidewalks adjacent to Williams Rd from FM 4284 to W Village Rd					MPO ID:	S45-03	
						FUNDING CATEGORY:	7	
REMARKS:						PROJECT HISTORY:	November 2021 KTMO selected project	
TOTAL PROJECT COST INFORMATION:			COST OF APPROVED PHASES:	AUTHORIZED FUNDING BY CATEGORY				
PRELIMINARY ENGINEERING:	\$0			CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT: TOTAL:
RIGHT OF WAY:	\$0			7	\$517,619		\$129,405	\$647,024
CONSTRUCTION:	\$647,024	\$647,024						
CONSTRUCTION ENGINEERING:	\$0			TOTAL	\$517,619	\$0	\$129,405	\$0 \$647,024
CONTINGENCIES:	\$0							
INDIRECTS:	\$0							
BOND FINANCING:	\$0							
TOTAL PROJECT COST (YOE):	\$647,024							

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Bell		VA	2024	C		HCTD	\$2,354,957
LIMITS FROM:	Hill Country Transit							
LIMITS TO:	Killeen UZA – Four, Temple UZA – Two					REVISION DATE:	Nov-21	
DESCRIPTION:	Purchase buses to provide transportation					MPO ID:	A45-02	
						FUNDING CATEGORY:	7	
REMARKS:						PROJECT HISTORY:	November 2021 KTMO selected project	
TOTAL PROJECT COST INFORMATION:			COST OF APPROVED PHASES:	AUTHORIZED FUNDING BY CATEGORY				
PRELIMINARY ENGINEERING:	\$0			CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT: TOTAL:
RIGHT OF WAY:	\$0			7	\$1,883,966	\$470,991		\$2,354,957
CONSTRUCTION:	\$2,354,957	\$2,354,957						
CONSTRUCTION ENGINEERING:	\$0			TOTAL	\$1,883,966	\$470,991	\$0	\$0 \$2,354,957
CONTINGENCIES:	\$0							
INDIRECTS:	\$0							
BOND FINANCING:	\$0							
TOTAL PROJECT COST (YOE):	\$2,354,957							

# TIP Project Cost Amendments

## Original Description

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Bell	0909-36-173	VA	2022	C	Temple	Temple	\$2,000,000
LIMITS FROM:	S 31 <sup>st</sup> St (FM 1741)							
LIMITS TO:	0.04 mi E of S 5 <sup>th</sup> St					REVISION DATE:	Nov-21	
DESCRIPTION:	Construct 10 ft wide hike and bike trail along the old Georgetown Railroad route between 31 <sup>st</sup> St and 5 <sup>th</sup> St					MPO ID:	T40-13a	
						FUNDING CATEGORY:	7,9	
REMARKS:						PROJECT HISTORY:	July 2021 KTMO selected project	
<b>TOTAL PROJECT COST INFORMATION:</b>		COST OF APPROVED PHASES:			AUTHORIZED FUNDING BY CATEGORY			
PRELIMINARY ENGINEERING:		\$335,000		CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT: TOTAL:
RIGHT OF WAY:		\$0		7	\$780,122		\$195,031	\$368,357 \$1,343,510
CONSTRUCTION:		\$2,000,000	\$2,000,000	9TAP	\$381,198		\$95,299	\$179,993 \$656,490
CONSTRUCTION ENGINEERING:		\$330,000		TOTAL	\$1,161,320	\$0	\$290,330	\$548,350 \$2,000,000
CONTINGENCIES:		\$111,000						
INDIRECTS:		\$0						
BOND FINANCING:		\$0						
<b>TOTAL PROJECT COST (YOE):</b>		\$2,776,000						

## Revised Description

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Bell	0909-36-173	VA	2022	C	Temple	Temple	\$2,000,000
LIMITS FROM:	S 31 <sup>st</sup> St (FM 1741)							
LIMITS TO:	0.04 mi E of S 5 <sup>th</sup> St					REVISION DATE:	Feb-22	
DESCRIPTION:	Construct 10 ft wide hike and bike trail along the old Georgetown Railroad route between 31 <sup>st</sup> St and 5 <sup>th</sup> St					MPO ID:	T40-13a	
						FUNDING CATEGORY:	7,9	
REMARKS:						PROJECT HISTORY:	July 2021 KTMO selected project	
<b>TOTAL PROJECT COST INFORMATION:</b>		COST OF APPROVED PHASES:			AUTHORIZED FUNDING BY CATEGORY			
PRELIMINARY ENGINEERING:		\$335,000		CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT: TOTAL:
RIGHT OF WAY:		\$0		7	\$898,802		\$224,701	\$400,000 \$1,523,503
CONSTRUCTION:		\$2,000,000	\$2,000,000	9TAP	\$381,198		\$95,299	\$0 \$476,497
CONSTRUCTION ENGINEERING:		\$330,000		TOTAL	\$1,280,000	\$0	\$320,000	\$400,000 \$2,000,000
CONTINGENCIES:		\$111,000						
INDIRECTS:		\$0						
BOND FINANCING:		\$0						
<b>TOTAL PROJECT COST (YOE):</b>		\$2,776,000						

## Original Description

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Bell	0909-36-171	CS	2023	C	Harker Heights	Harker Heights	\$3,101,020
LIMITS FROM:	FM 2410 (E Knights Rd)					REVISION DATE:	Nov-21	
LIMITS TO:	Pontotoc Trace					MPO ID:	H30-05b	
DESCRIPTION:	Upgrade Warriors Path by adding a left turn lane, reconstructing the curb & gutter, adding a 6 ft sidewalk on the west side of the road and a 10 ft SUP on the east side of the road					FUNDING CATEGORY:	7	
REMARKS:						PROJECT HISTORY:	July 2021 KTMO selected project	
TOTAL PROJECT COST INFORMATION:			COST OF APPROVED PHASES:		AUTHORIZED FUNDING BY CATEGORY			
PRELIMINARY ENGINEERING:		\$535,000		CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT: TOTAL:
RIGHT OF WAY:		\$0		7	\$2,480,816		\$620,204	\$3,101,020
CONSTRUCTION:		\$3,101,020	\$3,101,020					
CONSTRUCTION ENGINEERING:		\$530,000		TOTAL	\$2,480,816	\$0	\$620,204	\$0 \$3,101,020
CONTINGENCIES:		\$125,000						
INDIRECTS:		\$0						
BOND FINANCING:		\$0						
TOTAL PROJECT COST (YOE):		\$4,291,020						

## Revised Description

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Bell	0909-36-171	CS	2023	C	Harker Heights	Harker Heights	\$3,581,020
LIMITS FROM:	FM 2410 (E Knights Rd)					REVISION DATE:	Nov-21	
LIMITS TO:	Pontotoc Trace					MPO ID:	H30-05b	
DESCRIPTION:	Upgrade Warriors Path by adding a left turn lane, reconstructing the curb & gutter, adding a 6 ft sidewalk on the west side of the road and a 10 ft SUP on the east side of the road					FUNDING CATEGORY:	7	
REMARKS:						PROJECT HISTORY:	July 2021 KTMO selected project	
TOTAL PROJECT COST INFORMATION:			COST OF APPROVED PHASES:		AUTHORIZED FUNDING BY CATEGORY			
PRELIMINARY ENGINEERING:		\$535,000		CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT: TOTAL:
RIGHT OF WAY:		\$0		7	\$2,864,816		\$716,204	\$3,581,020
CONSTRUCTION:		\$3,581,020	\$3,581,020					
CONSTRUCTION ENGINEERING:		\$530,000		TOTAL	\$2,864,816	\$0	\$716,204	\$0 \$3,581,020
CONTINGENCIES:		\$125,000						
INDIRECTS:		\$0						
BOND FINANCING:		\$0						
TOTAL PROJECT COST (YOE):		\$4,771,020						



2045 Metropolitan Transportation Plan Project Listing												
Short Range Funded (2021-2031) Projects with Allocated Funding as of September 2021 and Listed in the Transportation Improvement Program (TIP)												
CATEGORY 2 PROJECTS (METROPOLITAN CORRIDORS)												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W40-04a (1)	2502-01-021	Loop 121 Phase 1a	Lake Rd (FM 439) to South of W Ave O	Widen from two lanes to four lanes with a raised median	56.45	14	5	\$30,800,000	2021	Yes	EJ, H, P	Allocation: \$62,269,000 4-year UTP Fiscal Constraint: \$68,585,914
W35-01	0231-19-003 0231-01-003 0231-02-067	US 190 Bypass	0.6 mi. W of FM 2657 to 0.15 mi. E of Clarke Rd	Widen to 4 ln divided highway	49.54	3	3	\$67,200,000	2023	Yes	L, H,	
T45-18	N/A	SH 95 Turn Lanes	Barnhard Rd to 0.6 mi. S of Barnhard Rd	Add turn lanes on west side	40.82	22	25	\$1,219,000	2022			
CATEGORY 4 PROJECTS (STATEWIDE CONNECTIVITY CORRIDORS)												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W35-01	0231-19-003 0231-01-003 0231-02-067	US 190 Bypass	0.6 mi. W of FM 2657 to 0.15 mi. E of Clarke Rd	Widen to 4 ln divided highway	49.54	3	3	\$67,200,000	2023	Yes	L, H,	Allocation: 36,950,000
CATEGORY 7 PROJECTS (SURFACE TRANSPORTATION PROGRAM-METROPOLITAN MOBILITY)												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
T40-15	0184-03-039 0232-01-053	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	IH-35 to MLK Jr Blvd (Spur 290)	Installation of ADA compliant sidewalks traveling east on Central Avenue from 31st Street to 3rd Street and west on Adams Avenue from 3rd Street to 31st Street with tapered connections to existing sidewalks at bridges	92.00	2	2	\$1,913,044	2021	Yes	EJ, H	Allocation: \$27,584,615 4-year UTP Fiscal Constraint: \$23,549,569
T40-07a	0909-36-168	Temple Outer Loop West-Phase I	522 ft South of Jupiter Dr to 20 ft North of Riverside Trail	Widen from two to four lane divided roadway with a curb and gutter, Phase 1	64.67	17	4	\$10,298,198	2023	No	P, H	
N40-04	0909-36-167	Nolanville City Park Connectivity	Park (North Mesquite) along Ave H to 10th St	Construct ADA compliant sidewalks, ramps, and crosswalks	72.34	6	3	\$1,558,802	2021	No	P	
N40-03	N/A	Old Nolanville Rd Bridge	Bridge on Old Nolanville Rd to IH-14	Upgrade bridge, shared use path	43.61	9	5	\$1,924,841	2022	No	—	
D45-01	N/A	W Main St/Luther Curtis Rd	Church Ave to 0.4 mi. W of Lee Mays Blvd	Rehabilitate and widen to 2 ln + CTL, 12' shared use path	38.16	33	7	\$3,200,000	2022			
H30-05b	0909-36-171	Warrior's Path Phase 2	Pontotoc Trace to FM 2410	Add left turn lane, 10' shared use path, 6' sidewalk	37.65	36	8	\$3,101,020	2023	No	H	
S45-01	N/A	Royal St Improvements	Smith Branch Rd to FM 2286 (Main St)	Pavement rehabilitation	34.71	46	9	\$1,005,200	2022			
K45-03	N/A	W Rancier Ave	Ft Hood St (SH 195) to WS Young Dr	Construct 6' wide concrete sidewalk, pedestrian signals, ADA ramps and crosswalks.	60.27	1	1	\$3,240,000	2024			
T40-13a	0909-36-173	Georgetown Railroad Trail Phase 1	S 31st St (FM 1741) to 0.04 mi. E of S 5th St	Construct 10 ft wide hike/bike trail	58	3	3	\$1,343,510	2022			
MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
B45-03	0909-36-169	13th Avenue Sidewalk Improvements	Main St (SH 317) to Waco Rd (FM 817)	Construct ADA compliant ramps, sidewalks, and crosswalks and add striping for a bik lane on the south side of the roadway	72.16	7	4	\$539,233	2023	No	P	Allocation: \$1,901,060 4-year UTP Fiscal Constraint: \$1,576,040
T40-13a	0909-36-173	Georgetown Railroad Trail Phase 1	S 31st St (FM 1741) to 200 ft E of S 5th St	Construct 10 ft wide hike/bike trail	58	3	3	\$656,490	2022			
N40-05	N/A	FM 439 Spur Connectivity	Main St to North Dr	Construct 10' wide sidewalk, ADA ramps and crosswalks, improve shoulders at Main St	52.63	6	4	\$705,337	2022			
STATEWIDE CATEGORY 9 PROJECTS (SAFE ROUTES TO SCHOOL PROGRAM)												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
D45-02	0909-36-180	Troy - Mays Middle School SRTS	On Lee Mays Blvd and Luther Curtis Rd to Raymond Mays Middle School	Construct 0.2 miles of accessible sidewalks with crosswalks and ADA ramps.	N/A	N/A	N/A	\$277,571	2021	No	N/A	Allocation: \$277,571 Fiscal Constraint: n/a

Other Projects												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
C45-01	3623-01-004	Fort Hood Access Ramps	Old Georgetown Rd to BNSF Railway	Construct exit ramp to Tank Destroyer Blvd and entrance ramp from Old Georgetown Rd	N/A	N/A	N/A	\$5,015,690	2021	N/A	—	Local Contribution (Cat 3) Allocation: \$5,015,690 Fiscal Constraint: n/a
GROUPED PROJECTS												4 Year Total TIP Allocation: \$68,380,161 *Excludes grouped projects, matches current TIP financial summary
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	FY2019-2022 TIP	FY2021-2024 TIP						10 Year Total UTP Fiscal Constraint: \$254,490,702
G01-PE	Various CSJs	Preventative Projects	Various Locations	Various Descriptions	\$0	\$0						MTP 10 Year Short Range Fiscal Constraint: \$49,500,000
G03-MT	Various CSJs	Maintenance Projects	Various Locations	Various Descriptions	\$20,009,216	\$16,146,611						MTP Long Range Fiscal Constraint: \$405,700,000
G04-BR	Various CSJs	Bridge Projects	Various Locations	Various Descriptions	\$1,400,000	\$10,590,000						
G06-SA	Various CSJs	Safety Projects	Various Locations	Various Descriptions	\$2,690,079	\$14,418,916						
Proposed Roadway, Transportation Choices/Livability,Transit, and Preventative Maintenance Projects												
ROADWAY PROJECTS <sup>7</sup>												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding <sup>4 9</sup>
K30-13a	0909-36-175 0909-36-172	Chaparral Rd Phase 1	SH 195 to E Trimmier Rd	Widen from 2 ln to 4 ln, 8' bike ln 5' sidewalk or SUP both sides	52.47	1	1	\$12,880,000	2025	No	EJ, H	Categories 2, 7 Years 5-10 Short Range Allocations: \$186,833,795 UTP 10-Year Fiscal Constraint: \$254,490,702 Available: -\$4,647,994 *Available = UTP constraint - TIP allocations - Short Range Cat 2, 7, 9 allocations
W40-04a2	N/A	Loop 121 Phase 1b	IH-14 to IH-35	Widen 2 ln to 4 ln with raised median, 10' SUP, 6' sidewalk	50.74	2	2	\$21,280,000	2025			
T40-07b	0909-36-174	Outer Loop West Phase 2	Riverside Trail to IH-35 Frontage Rd	Widen and new construction 4 ln, trail	47.28	6	4	\$1,960,000	2027	No	P, H	
C45-02	N/A	SH 9 Offramp	SH 9 to BUS US 190	New construction 1 ln direct connector	41.17	20	6	\$28,000,000	2025			
C45-04	N/A	W Avenue B Phase 1	N 1st St to Courtney Ln	Widen to consistent 4 CLT, 11' shared use path, 6' sidewalk	47.62	4	10	\$8,982,400	2025			
W40-04b	N/A	Loop 121 Phase 2	IH-35 to FM 436	Widen 2 ln to 4 ln with raised median, 10' SUP, 6' sidewalk	46.92	7	12	\$10,080,000	2029			
B40-11	N/A	FM 2271	FM 1670 to FM 439	New construction 2 ln, 10' shared use path	44.85	8	13	\$55,664,000	TBD			
W30-17	1835-01-026	FM 93 - Phases 1 and 2	SH 317 to Wheat Rd	Widen from 2 ln to 4 ln divided, shared use path	43.21	12	16	\$16,800,000	2026	Yes	EJ, H, P	
W35-07	0320-06-008	Loop 363	Lucius McCelvey Dr to Industrial Blvd	Expand to 4 ln, intersections @ Lucius McCelvey & Industrial	41.86	16	20	\$50,400,000	2025	Yes	H	Categories 2, 7, 11 Years 11-25 Long Range Allocations: \$361,767,429 MTP Long Range Fiscal Constraint: \$364,100,000 Available: \$2,322,571
T15-06k	0015-14-109	IH 35	US 190 to LP 363	Widen from 6 ln to 8 ln	47.53	5	11	\$308,000,000	2031	Yes	EJ, H	
W30-23	0184-04-051	US 190	FM 1741 to FM 436	Expand to 4 FRWY with grade separation and FRTG	43.53	10	14	\$115,360,000	2029			
T35-36a	N/A	S 1st St	Ave M to Ave U	Widen from 4 ln to 4 ln divided, hike & bike trail	43.28	11	15	\$9,520,000	2025			
C45-05	N/A	W Avenue B Phase 2	Courtney Ln to Bermuda St	Expand to 2 ln WB, 1 ln EB, CLT, 11' shared use path	43.01	13	17	\$15,153,600	2027			
K30-23	N/A	Jasper Dr overpass	Daisy Dr to S 2nd St	Widen to 8 ln	42.55	14	18	\$27,583,528	TBD			



H40-03 <sup>6</sup>	N/A	Chaparral Rd	FM 3481 to Killeen City Limits on Chaparral Rd	Widen and straighten roadway and construct hike and bike trail	N/A	N/A	N/A	N/A	N/A	No	H	Unscored/Unfunded List
C25-02	N/A	FM 1113	Signal Light at FM 116/Ave B to Summers Rd	Widen from 2 to 4 lanes with ADA-compliant sidewalks	N/A	N/A	N/A	N/A	N/A	No	H	
C25-04	N/A	North Side Loop	FM 1113 to FM 116	Widen from 2 to 4 lanes with raised median curb and gutter with enclosed storm drainage	N/A	N/A	N/A	N/A	N/A	No	—	
C40-01	N/A	FM 116 South	Copperas Cove City Limits to SH 201	Upgrade Ivy Gap Rd and Ivy Mountain Rd to FM status, widen roadway from 2 to 5 lanes with curb and gutter	N/A	N/A	N/A	N/A	N/A	No	EJ, L, H, ARZ	
H40-04	N/A	E FM 2410	E side from FM 2410 Community Park to Simmons Rd	Expand roadway to include curb and gutter, access management control, turning lanes, drainage improvements, and context sensitive solutions	N/A	N/A	N/A	N/A	N/A	No	EJ, L, H	
N40-08	N/A	Warrior's Path Extension Phase II	US 190 to FM 439	Construct 2 lane roadway	N/A	N/A	N/A	N/A	N/A	No	—	
N40-10	N/A	FM 439 Safety Improvements	FM 439 at Lonesome Oak Dr	Add turning lane, shoulder expansion and possible traffic signals/signs	N/A	N/A	N/A	N/A	N/A	No	—	
W30-06	N/A	Killeen Airport Entrance	SH 201 at Killeen Airport Entrance	Construct interchange	N/A	N/A	N/A	N/A	N/A	Yes	EJ, H	
TRANSPORTATION CHOICES/LIVABILITY PROJECTS <sup>8</sup>												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding <sup>4 9</sup>
B45-02	N/A	E 6th Ave Sidewalk	Main St (SH 317) to IH-35 frontage road	Construct 5' sidewalks on both sides, relocate dry utilities underground, and other utilities outside of pavement	58.74	2	2	\$12,320,000	TBD			Category 9: Years 5-10 Short Range Allocations: \$18,934,384 UTP 10-Year Fiscal Constraint: \$254,490,702 Available: -\$299,133
S45-03	N/A	Williams Road Sidewalks	FM 2484 to W Village Rd	Construct ADA accessible concrete sidewalks.	38.72	19	5	\$647,024	2025			
K45-04	N/A	Veterans Memorial Blvd	Ft Hood St (SH 195) to WS Young Dr	Construct 6' wide concrete sidewalk, pedestrian signals, ADA ramps and crosswalks.	52.44	7	8	\$3,360,000	TBD			
T40-13b	0909-36-173	Georgetown Railroad Trail Phase 2	Leon River to S 31st St (FM 1741)	Construct 10 ft wide hike/bike trail	52.26	8	9	\$2,607,360	2025			
K45-02	N/A	Killeen-Ft Hood Regional Trail	W Elms Rd @ Robinett Rd to Clear Creek Rd (SH 201)	Construct a 10'-12' wide concrete sidewalk/trail.	53.44	4	6	\$8,400,000	TBD			Category 9 Funding: Years 11-25 Long Range Allocations: \$24,603,088 MTP Long Range Fiscal Constraint: \$41,600,000 Available: \$16,996,912
B45-05	N/A	Commerce/Industrial SUP	Sparta Rd to SH 317	Construct 10 ft wide shared use path on east side of Commerce St and north side of Industrial Park Rd	52.99	5	7	\$1,381,333	TBD			
B45-07	N/A	Avenue H Sidewalk/Road Improvements	Saunders St to S Pearl St than north to W Ave D	Construct 5' sidewalk on north side of Ave H, reconstruct roadway and widen to 2 lanes with curb and gutter	52.17	9	10	\$1,232,000	TBD			
B45-04	N/A	Beal Street Sidewalk	E 24th Ave to Downing St	Construct 5' sidewalk on east side from E. 24th Ave to Downing St, construct 5' sidewalk on both sides	51.53	10	11	\$644,000	TBD			
T45-02	N/A	Downtown Sidewalks - 1st and 3rd Street	Mayborn Civic Center to Ave A	Construct and repair sidewalks with ADA-compliance ramps, crosswalks and landscaping	51.16	11	12	\$3,046,400	2025			
B45-01	N/A	Belton's Georgetown Rails to Trails SUP	E Ave B to Leon River Bridge	Construct 10 ft. wide shared use path to connect KTMPO projects B40-05 and T40-13	50.35	12	13	\$2,352,000	TBD			
N40-11	N/A	Nolan Creek Trail	Bridge on Old Nolanville Rd to Levy Crossing	Construct 10 ft multi-use trail boarding Nolan Creek	47.8	13	14	\$1,691,152	2025			
B45-06	N/A	Central Avenue Sidewalk	Main St (SH 317) to Pearl St	Replace sidewalk along W. Central Ave with 5' wide ADA compliant sidewalk on north side of Central Ave	47.63	14	15	\$476,000	TBD			
T45-03	N/A	Downtown Sidewalks - East Central	Martin Luther King Jr Dr to N 22nd St	Construct 6 ft wide sidewalks, repair existing sidewalks with crosswalks and landscaping	42.64	15	16	\$672,000	2025			
T25-05	N/A	FM 2271 Trail	FM 2305 to Miller Springs Nature Area	Construct 8 ft wide trail	42.53	16	17	\$1,064,000	2025			
T45-09	N/A	Apache Drive Sidewalk	West Adams Ave to Gila Trail	Construct 6 ft. wide sidewalks and crosswalks	42.37	17	18	\$436,837	2025			
S45-04	N/A	Thomas Arnold Road Sidewalks	Salado School Rd to IH-14	Construct ADA accessible concrete sidewalks.	40.73	18	19	\$259,728	2025			
S45-06	N/A	Salado School Road Sidewalks	Thoomas Arnold Rd to W Village Rd	Construct ADA accessible concrete sidewalks.	37.81	20	20	\$299,376	2025			
N40-09	N/A	Pleasant Hill Bike Lanes	600 ft N of Wayne Dr to IH-14	Construct Class 2, buffered on-street bike lane	36.46	21	21	\$856,800	2025			
S45-05	N/A	West Village Road Sidewalks	Thomas Arnold Rd to Williams Rd	Construct ADA accessible concrete sidewalks.	35.81	22	22	\$521,360	2025			
N40-13	N/A	Wildwood Trail	Lonesome Oak Dr to Ave I	Construct an 8 ft. wide multi use trail	32.99	23	23	\$952,000	2025			
S45-02	N/A	Salado Creek Crossing Project	Pace Park to Royal Street	Construct a stone path across the Salado Creek that would connect the north and south sides	30.73	24	24	\$318,102	2025			
N40-12	N/A	Jack Rabbit Road Bike Thoroughfare	US 190 to FM 439 and through Park to School	Add Class 2 Bike Lanes on system	N/A	N/A	N/A	N/A	N/A	No	—	Unscored/Unfunded List
S40-04b <sup>1</sup>	N/A	Main St Sidewalks Phase 2	College Hill Dr to Salado Plaza Dr	Main St improvements to include pavement widening, bike paths, drainage improvements.	N/A	N/A	N/A	\$2,223,044	N/A	No	H, ARZ, ES	
K40-21b	N/A	Heritage Oaks Hike & Bike Trail Segment 5	Chaparral Rd @ Rosewood Dr to USACE Property	Construct shared use path for bicyclists and pedestrians	N/A	N/A	N/A	\$1,300,000	N/A	No	EJ, ARZ	
TRANSIT PROJECTS												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding <sup>4</sup>
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	



New MTP Listing

2045 Metropolitan Transportation Plan Project Listing												
Short Range Funded (2021-2031) Projects with Allocated Funding as of September 2021 and Listed in the Transportation Improvement Program (TIP)												
CATEGORY 2 PROJECTS (METROPOLITAN CORRIDORS)												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W40-04a (1)	2502-01-021	Loop 121 Phase 1a	Lake Rd (FM 439) to South of W Ave O	Widen from two lanes to four lanes with a raised median	56.45	14	5	\$30,800,000	2021	Yes	EJ, H, P	Allocation: \$62,269,000 4-year UTP Fiscal Constraint: \$68,585,914
W35-01	0231-19-003 0231-01-003 0231-02-067	US 190 Bypass	0.6 mi. W of FM 2657 to 0.15 mi. E of Clarke Rd	Widen to 4 ln divided highway	49.54	3	3	\$67,200,000	2023	Yes	L, H,	
T45-18	N/A	SH 95 Turn Lanes	Barnhard Rd to 0.6 mi. S of Barnhard Rd	Add turn lanes on west side	40.82	22	25	\$1,219,000	2022			
CATEGORY 4 PROJECTS (STATEWIDE CONNECTIVITY CORRIDORS)												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W35-01	0231-19-003 0231-01-003 0231-02-067	US 190 Bypass	0.6 mi. W of FM 2657 to 0.15 mi. E of Clarke Rd	Widen to 4 ln divided highway	49.54	3	3	\$67,200,000	2023	Yes	L, H,	Allocation: 36,950,000
CATEGORY 7 PROJECTS (SURFACE TRANSPORTATION PROGRAM-METROPOLITAN MOBILITY)												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
T40-15	0184-03-039 0232-01-053	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	IH-35 to MLK Jr Blvd (Spur 290)	Installation of ADA compliant sidewalks traveling east on Central Avenue from 31st Street to 3rd Street and west on Adams Avenue from 3rd Street to 31st Street with tapered connections to existing sidewalks at bridges	92.00	2	2	\$1,913,044	2021	Yes	EJ, H	Allocation: \$28,891,632 4-year UTP Fiscal Constraint: \$23,549,569
T40-07a	0909-36-168	Temple Outer Loop West-Phase I	522 ft South of Jupiter Dr to 20 ft North of Riverside Trail	Widen from two to four lane divided roadway with a curb and gutter, Phase 1	64.67	17	4	\$10,298,198	2023	No	P, H	
N40-04	0909-36-167	Nolanville City Park Connectivity	Park (North Mesquite) along Ave H to 10th St	Construct ADA compliant sidewalks, ramps, and crosswalks	72.34	6	3	\$1,558,802	2021	No	P	
N40-03	N/A	Old Nolanville Rd Bridge	Bridge on Old Nolanville Rd to IH-14	Upgrade bridge, shared use path	43.61	9	5	\$1,924,841	2022	No	—	
D45-01	N/A	W Main St/Luther Curtis Rd	Church Ave to 0.4 mi. W of Lee Mays Blvd	Rehabilitate and widen to 2 ln + CTL, 12' shared use path	38.16	33	7	\$3,200,000	2022			
H30-05b	0909-36-171	Warrior's Path Phase 2	Pontotoc Trace to FM 2410	Add left turn lane, 10' shared use path, 6' sidewalk	37.65	36	8	\$3,581,020	2023	No	H	
S45-01	N/A	Royal St Improvements	Smith Branch Rd to FM 2286 (Main St)	Pavement rehabilitation	34.71	46	9	\$1,005,200	2022			
K45-03	N/A	W Rancier Ave	Ft Hood St (SH 195) to WS Young Dr	Construct 6' wide concrete sidewalk, pedestrian signals, ADA ramps and crosswalks.	60.27	1	1	\$3,240,000	2024			
T40-13a	0909-36-173	Georgetown Railroad Trail Phase 1	S 31st St (FM 1741) to 0.04 mi. E of S 5th St	Construct 10 ft wide hike/bike trail	58	3	3	\$1,523,503	2022			
S45-03		Williams Road Sidewalks	FM 2484 to W Village Rd	Construct ADA accessible concrete sidewalks.	38.72	19	5	\$647,024	2022			
MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
B45-03	0909-36-169	13th Avenue Sidewalk Improvements	Main St (SH 317) to Waco Rd (FM 817)	Construct ADA compliant ramps, sidewalks, and crosswalks and add striping for a bik lane on the south side of the roadway	72.16	7	4	\$539,233	2023	No	P	Allocation: \$1,721,067 4-year UTP Fiscal Constraint: \$1,576,040
T40-13a	0909-36-173	Georgetown Railroad Trail Phase 1	S 31st St (FM 1741) to 200 ft E of S 5th St	Construct 10 ft wide hike/bike trail	58	3	3	\$476,497	2022			
N40-05	N/A	FM 439 Spur Connectivity	Main St to North Dr	Construct 10' wide sidewalk, ADA ramps and crosswalks, improve shoulders at Main St	52.63	6	4	\$705,337	2022			
STATEWIDE CATEGORY 9 PROJECTS (SAFE ROUTES TO SCHOOL PROGRAM)												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
D45-02	0909-36-180	Troy - Mays Middle School SRTS	On Lee Mays Blvd and Luther Curtis Rd to Raymond Mays Middle School	Construct 0.2 miles of accessible sidewalks with crosswalks and ADA ramps.	N/A	N/A	N/A	\$277,571	2021	No	N/A	Allocation: \$277,571 Fiscal Constraint: n/a

Transit Projects												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
A45-02		HCTD Bus Replacement	Killeen UZA - Four, Temple UZA - Two	Purchase buses to provide transportation	N/A	N/A	N/A	\$2,354,957	2024	N/A	—	
Other Projects												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
C45-01	3623-01-004	Fort Hood Access Ramps	Old Georgetown Rd to BNSF Railway	Construct exit ramp to Tank Destroyer Blvd and entrance ramp from Old Georgetown Rd	N/A	N/A	N/A	\$5,015,690	2021	N/A	—	Local Contribution (Cat 3) Allocation: \$5,015,690 Fiscal Constraint: n/a
GROUPED PROJECTS												4 Year Total TIP Allocation: \$68,380,161 *Excludes grouped projects, matches current TIP financial summary
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	FY2019-2022 TIP	FY2021-2024 TIP						10 Year Total UTP Fiscal Constraint: \$254,490,702
G01-PE	Various CSJs	Preventative Projects	Various Locations	Various Descriptions	\$0	\$0						MTP 10 Year Short Range Fiscal Constraint: \$49,500,000
G03-MT	Various CSJs	Maintenance Projects	Various Locations	Various Descriptions	\$20,009,216	\$16,146,611						MTP Long Range Fiscal Constraint: \$405,700,000
G04-BR	Various CSJs	Bridge Projects	Various Locations	Various Descriptions	\$1,400,000	\$10,590,000						
G06-SA	Various CSJs	Safety Projects	Various Locations	Various Descriptions	\$2,690,079	\$14,418,916						
Proposed Roadway, Transportation Choices/Livability, Transit, and Preventative Maintenance Projects												
ROADWAY PROJECTS'												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding <sup>4 9</sup>
K30-13a	0909-36-175 0909-36-172	Chaparral Rd Phase 1	SH 195 to E Trimmier Rd	Widen from 2 ln to 4 ln, 8' bike ln 5' sidewalk or SUP both sides	52.47	1	1	\$12,880,000	2025	No	EJ, H	Categories 2, 7 Years 5-10 Short Range Allocations: \$186,833,795 UTP 10-Year Fiscal Constraint: \$254,490,702 Available: -\$4,647,994 *Available = UTP constraint - TIP allocations - Short Range Cat 2, 7, 9 allocations
W40-04a2	N/A	Loop 121 Phase 1b	IH-14 to IH-35	Widen 2 ln to 4 ln with raised median, 10' SUP, 6' sidewalk	50.74	2	2	\$21,280,000	2025			
T40-07b	0909-36-174	Outer Loop West Phase 2	Riverside Trail to IH-35 Frontage Rd	Widen and new construction 4 ln, trail	47.28	6	4	\$1,960,000	2027	No	P, H	
C45-02	N/A	SH 9 Offramp	SH 9 to BUS US 190	New construction 1 ln direct connector	41.17	20	6	\$28,000,000	2025			
C45-04	N/A	W Avenue B Phase 1	N 1st St to Courtney Ln	Widen to consistent 4 CLT, 11' shared use path, 6' sidewalk	47.62	4	10	\$8,982,400	2025			
W40-04b	N/A	Loop 121 Phase 2	IH-35 to FM 436	Widen 2 ln to 4 ln with raised median, 10' SUP, 6' sidewalk	46.92	7	12	\$10,080,000	2029			
B40-11	N/A	FM 2271	FM 1670 to FM 439	New construction 2 ln, 10' shared use path	44.85	8	13	\$55,664,000	TBD			
W30-17	1835-01-026	FM 93 - Phases 1 and 2	SH 317 to Wheat Rd	Widen from 2 ln to 4 ln divided, shared use path	43.21	12	16	\$16,800,000	2026	Yes	EJ, H, P	Categories 2, 7, 11
W35-07	0320-06-008	Loop 363	Lucius McCelvey Dr to Industrial Blvd	Expand to 4 ln, intersections @ Lucius McCelvey & Industrial	41.86	16	20	\$50,400,000	2025	Yes	H	
T15-06k	0015-14-109	IH 35	US 190 to LP 363	Widen from 6 ln to 8 ln	47.53	5	11	\$308,000,000	2031	Yes	EJ, H	
W30-23	0184-04-051	US 190	FM 1741 to FM 436	Expand to 4 FRWY with grade separation and FRTG	43.53	10	14	\$115,360,000	2029			

B30-01	N/A	George Wilson Rd extension	FM 93 to FM 439	New construction 2 ln, 10' shared use path	28.80	57	57	\$1,553,422	TBD			
B45-08	N/A	Mesquite Rd	IH-35 to Shanklin Rd	Widen to collector and extend, 5' sidewalk both sides	28.46	58	58	\$5,936,000	TBD			
H30-03	N/A	FM 3219	BUS US 190 (VMB) to FM 439	Widen from 2 ln to 4 ln divided and elevate, 6' sidewalks on both sides	27.91	59	59	\$15,320,256	2050			
H40-03 <sup>6</sup>	N/A	Chaparral Rd	FM 3481 to Killeen City Limits on Chaparral Rd	Widen and straighten roadway and construct hike and bike trail	N/A	N/A	N/A	N/A	N/A	No	H	Unscored/Unfunded List
C25-02	N/A	FM 1113	Signal Light at FM 116/Ave B to Summers Rd	Widen from 2 to 4 lanes with ADA-compliant sidewalks	N/A	N/A	N/A	N/A	N/A	No	H	
C25-04	N/A	North Side Loop	FM 1113 to FM 116	Widen from 2 to 4 lanes with raised median curb and gutter with enclosed storm drainage	N/A	N/A	N/A	N/A	N/A	No	—	
C40-01	N/A	FM 116 South	Copperas Cove City Limits to SH 201	Upgrade Ivy Gap Rd and Ivy Mountain Rd to FM status, widen roadway from 2 to 5 lanes with curb and gutter	N/A	N/A	N/A	N/A	N/A	No	EJ, L, H, ARZ	
H40-04	N/A	E FM 2410	E side from FM 2410 Community Park to Simmons Rd	Expand roadway to include curb and gutter, access management control, turning lanes, drainage improvements, and context sensitive solutions	N/A	N/A	N/A	N/A	N/A	No	EJ, L, H	
N40-08	N/A	Warrior's Path Extension Phase II	US 190 to FM 439	Construct 2 lane roadway	N/A	N/A	N/A	N/A	N/A	No	—	
N40-10	N/A	FM 439 Safety Improvements	FM 439 at Lonesome Oak Dr	Add turning lane, shoulder expansion and possible traffic signals/signs	N/A	N/A	N/A	N/A	N/A	No	—	
W30-06	N/A	Killeen Airport Entrance	SH 201 at Killeen Airport Entrance	Construct interchange	N/A	N/A	N/A	N/A	N/A	Yes	EJ, H	
TRANSPORTATION CHOICES/LIVABILITY PROJECTS <sup>o</sup>												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding <sup>4 9</sup>
B45-02	N/A	E 6th Ave Sidewalk	Main St (SH 317) to IH-35 frontage road	Construct 5' sidewalks on both sides, relocate dry utilities underground, and other utilities outside of pavement	58.74	2	2	\$12,320,000	TBD			Category 9: Years 5-10 Short Range Allocations: \$18,287,360 UTP 10-Year Fiscal Constraint: \$254,490,702 Available: \$347,891
K45-04	N/A	Veterans Memorial Blvd	Ft Hood St (SH 195) to WS Young Dr	Construct 6' wide concrete sidewalk, pedestrian signals, ADA ramps and crosswalks.	52.44	7	8	\$3,360,000	TBD			
T40-13b	0909-36-173	Georgetown Railroad Trail Phase 2	Leon River to S 31st St (FM 1741)	Construct 10 ft wide hike/bike trail	52.26	8	9	\$2,607,360	2025			
K45-02	N/A	Killeen-Ft Hood Regional Trail	W Elms Rd @ Robinett Rd to Clear Creek Rd (SH 201)	Construct a 10'-12' wide concrete sidewalk/trail.	53.44	4	6	\$8,400,000	TBD			Category 9 Funding: Years 11-25 Long Range Allocations: \$24,603,088 MTP Long Range Fiscal Constraint: \$41,600,000 Available: \$16,996,912
B45-05	N/A	Commerce/Industrial SUP	Sparta Rd to SH 317	Construct 10 ft wide shared use path on east side of Commerce St and north side of Industrial Park Rd	52.99	5	7	\$1,381,333	TBD			
B45-07	N/A	Avenue H Sidewalk/Road Improvements	Saunders St to S Pearl St than north to W Ave D	Construct 5' sidewalk on north side of Ave H, reconstruct roadway and widen to 2 lanes with curb and gutter	52.17	9	10	\$1,232,000	TBD			
B45-04	N/A	Beal Street Sidewalk	E 24th Ave to Downing St	Construct 5' sidewalk on east side from E. 24th Ave to Downing St, construct 5' sidewalk on both sides	51.53	10	11	\$644,000	TBD			
T45-02	N/A	Downtown Sidewalks - 1st and 3rd Street	Mayborn Civic Center to Ave A	Construct and repair sidewalks with ADA-compliance ramps, crosswalks and landscaping	51.16	11	12	\$3,046,400	2025			
B45-01	N/A	Belton's Georgetown Rails to Trails SUP	E Ave B to Leon River Bridge	Construct 10 ft. wide shared use path to connect KTMPO projects B40-05 and T40-13	50.35	12	13	\$2,352,000	TBD			
N40-11	N/A	Nolan Creek Trail	Bridge on Old Nolanville Rd to Levy Crossing	Construct 10 ft multi-use trail boarding Nolan Creek	47.8	13	14	\$1,691,152	2025			
B45-06	N/A	Central Avenue Sidewalk	Main St (SH 317) to Pearl St	Replace sidewalk along W. Central Ave with 5' wide ADA compliant sidewalk on north side of Central Ave	47.63	14	15	\$476,000	TBD			
T45-03	N/A	Downtown Sidewalks - East Central	Martin Luther King Jr Dr to N 22nd St	Construct 6 ft wide sidewalks, repair existing sidewalks with crosswalks and landscaping	42.64	15	16	\$672,000	2025			
T25-05	N/A	FM 2271 Trail	FM 2305 to Miller Springs Nature Area	Construct 8 ft wide trail	42.53	16	17	\$1,064,000	2025			
T45-09	N/A	Apache Drive Sidewalk	West Adams Ave to Gila Trail	Construct 6 ft. wide sidewalks and crosswalks	42.37	17	18	\$436,837	2025			
S45-04	N/A	Thomas Arnold Road Sidewalks	Salado School Rd to IH-14	Construct ADA accessible concrete sidewalks.	40.73	18	19	\$259,728	2025			
S45-06	N/A	Salado School Road Sidewalks	Thoomas Arnold Rd to W Village Rd	Construct ADA accessible concrete sidewalks.	37.81	20	20	\$299,376	2025			
N40-09	N/A	Pleasant Hill Bike Lanes	600 ft N of Wayne Dr to IH-14	Construct Class 2, buffered on-street bike lane	36.46	21	21	\$856,800	2025			
S45-05	N/A	West Village Road Sidewalks	Thomas Arnold Rd to Williams Rd	Construct ADA accessible concrete sidewalks.	35.81	22	22	\$521,360	2025			
N40-13	N/A	Wildwood Trail	Lonesome Oak Dr to Ave I	Construct an 8 ft. wide multi use trail	32.99	23	23	\$952,000	2025			
S45-02	N/A	Salado Creek Crossing Project	Pace Park to Royal Street	Construct a stone path across the Salado Creek that would connect the north and south sides	30.73	24	24	\$318,102	2025			
N40-12	N/A	Jack Rabbit Road Bike Thoroughfare	US 190 to FM 439 and through Park to School	Add Class 2 Bike Lanes on system	N/A	N/A	N/A	N/A	N/A	No	—	Unscored/Unfunded List
S40-04b <sup>1</sup>	N/A	Main St Sidewalks Phase 2	College Hill Dr to Salado Plaza Dr	Main St improvements to include pavement widening, bike paths, drainage improvements.	N/A	N/A	N/A	\$2,223,044	N/A	No	H, ARZ, ES	
K40-21b	N/A	Heritage Oaks Hike & Bike Trail Segment 5	Chaparral Rd @ Rosewood Dr to USACE Property	Construct shared use path for bicyclists and pedestrians	N/A	N/A	N/A	\$1,300,000	N/A	No	EJ, ARZ	

**Item 6:**

**Resolution 2022-01 regarding  
support for an HCP**

**Resolution 2022-01 for a Regional Habitat Conservation Plan**

At the November TAC and Policy Board meetings, Judge Roger Miller presented on karst fauna regions in the KTMP region, the imminent need for a Habitat Conservation Plan (HCP) due to the existence of these regions, and potential impacts to transportation projects in the KTMP area.

Bell County and Coryell County are working together to develop an HCP for the two counties. KTMP plans to support the plan development due to its potential impact on transportation in the region.

Resolution 2022-01 supporting the regional HCP is included in the meeting packet for your review.

**Action Needed:** Recommend approval of Resolution 2022-01 supporting the development of a regional Habitat Conservation Plan (HCP).



## **RESOLUTION NO. 2022-01**

### **A RESOLUTION OF THE KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION SUPPORTING THE DEVELOPMENT OF A REGIONAL HABITAT CONSERVATION PLAN (HCP) COVERING BELL COUNTY AND CORYELL COUNTY.**

- WHEREAS;** Bell County, Coryell County, and other local entities are in the process of developing a Regional Habitat Conservation Plan (HCP); and
- WHEREAS;** Bell County is an “county of interest” to the US Fish and Wildlife Service with regard to karst invertebrates, an endangered species in the area; and
- WHEREAS;** the presence of karst invertebrates and other potential endangered species could cause increased costs and delays to future transportation projects in the region; and
- WHEREAS;** a viable Habitat Conservation plan could potentially mitigate some of the increased costs and delays to future transportation projects; and
- WHEREAS;** the Killeen-Temple Metropolitan Planning Organization is a key entity in the regional transportation planning process; and

**NOW, THEREFORE, BE IT RESOLVED** that the Killeen-Temple Metropolitan Planning Organization Transportation Planning Policy Board supports the development of the Regional Habitat Conservation Plan (HCP) and will allocate funding in an amount not to exceed \$15,000 for use as matching funds for a US Fish and Wildlife Grant to develop a Regional Habitat Conservation Plan.

**PASSED AND ADOPTED** on this 15<sup>th</sup> day of December 2021, at a regular meeting of the Killeen-Temple Metropolitan Planning Organization Transportation Planning Policy Board (TPPB) meeting which was held in compliance with the Open Meetings Act, Texas Government Code, 511.001, *et seq.*, at which meeting a quorum was present and voting.

**ATTEST:**

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Mayor Spencer Smith, KTMPO TPPB Chair

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Uryan Nelson, KTMPO Director



# KARST FAUNA REGIONS & HABITAT CONSERVATION PLANS

A BRIEF OVERVIEW

10 November 2021

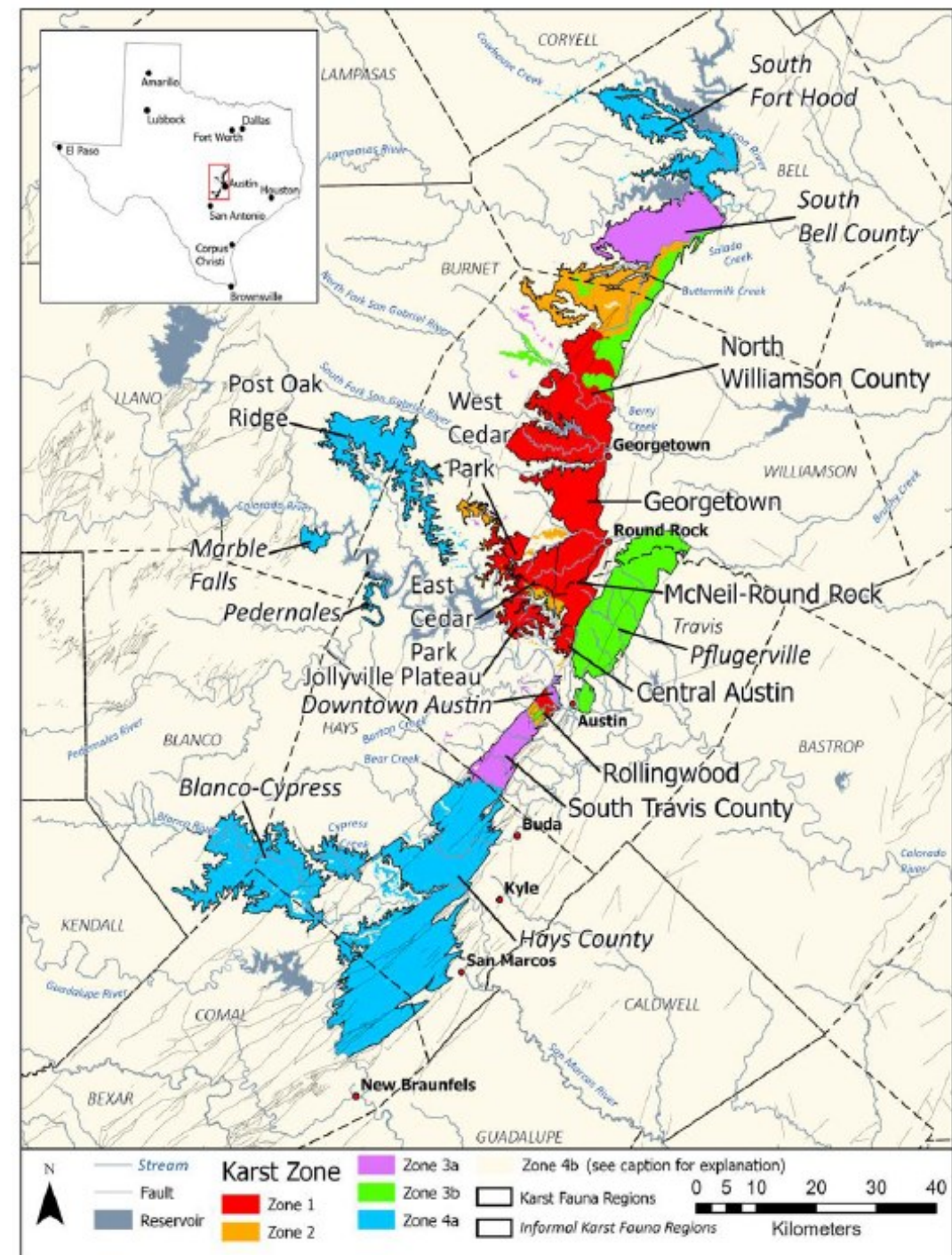


# Karst Topography

- A landscape that is characterized by numerous caves, sinkholes, fissures, and underground streams
- Common in limestone formations
- I-35 Corridor – Bexar County through McLennan County

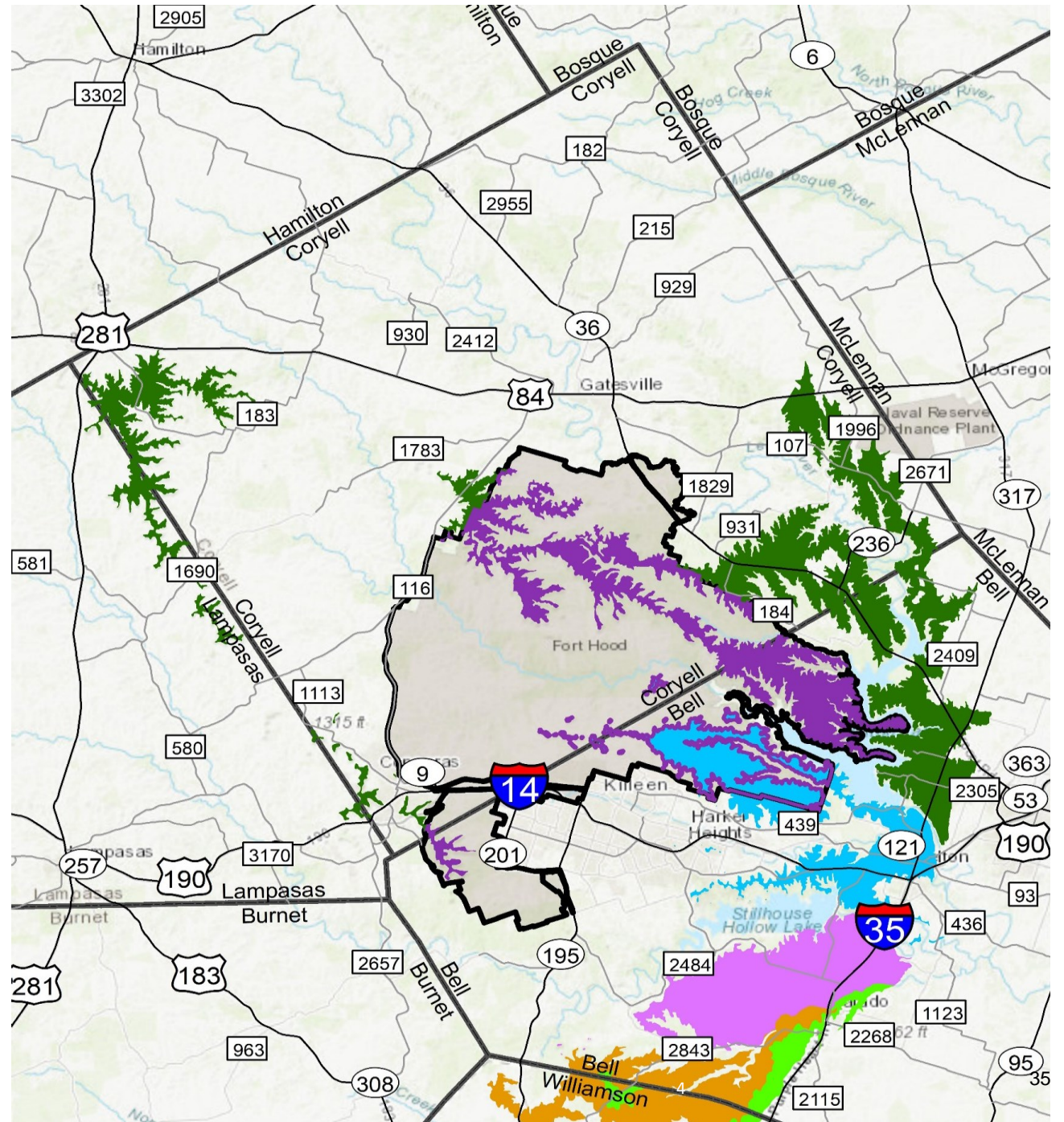
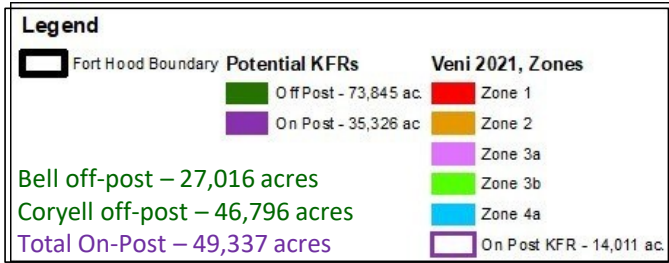
Vini – 2021

# KARST ZONE MAP





## Potential and Veni Karst Fauna Regions, 2021



# A Few Endangered Troglobites That Live in Karst Formations



Bat Cave Spider

Bee Cave Harvestman Spider



Coffin Cave Mold Beetle

# WHAT IS A HABITAT CONSERVATION PLAN (HCP)

When non-Federal activities may result in “take” of threatened/endangered wildlife, an incidental take 10(a)(1)(B) permit is required.

Purpose of an incidental take permit is to authorize the incidental take of a listed species, not to authorize the activities that result in take.

An HCP must accompany an application for an incidental take permit.

An HCP is a planning document to ensure there is adequate minimization and mitigation of the effects of the authorized incidental take.

- Must describe impacts likely to result from activities the applicant plans to undertake AND the measures the applicant will undertake to avoid, minimize, and mitigate for those impacts.

# IMPACT TO KTMPO

- Projects through 2023 are relatively “safe”
- Environmental Impact Studies
- Construction Delays
- Cost increases in projects – reduced number of projects
- Regional Economic Impact

**Item 7:**

**FY22-23 UPWP Amendments**



**Amendment to the FY22-23 Unified Transportation Work Program (UPWP)**

The Unified Planning Work Program (UPWP) provides descriptive and scheduling details for the Killeen-Temple Metropolitan Planning Organization (KTMP) planning process for a two year period. The UPWP serves as a base document for carrying on the continuing, cooperative, and comprehensive transportation planning process in the Killeen-Temple urbanized area. It serves as KTMP's work plan and identifies tasks and subtasks that staff plan to undertake during the plan period and the associated budget for these tasks.

Amendments to the FY22-23 UPWP are needed to reflect the following changes:

Language was added to Subtask 1.1 to read:

1.1. General Administration

Regional Habitat Conservation Plan: The MPO will support the development of a regional habitat conservation plan.

Language was added to Subtask 4.1 to read:

4.1 Mobility 2045 Metropolitan Transportation Plan Implementation

KTMP will continue to update its regional thoroughfare plan and provide assistance to local entities updating their thoroughfare plans.

Additional notes:

- Staff is beginning the process of our 2050 Metropolitan Transportation Plan (MTP) Update. This process will also include an update to the thoroughfare plan that is included.
- If your jurisdiction would like staff to provide a thoroughfare update for you, please reach out so we can coordinate completing those for inclusion.
- If your jurisdiction does not need an update, please provide staff with your most recent plan for inclusion.

**Action Needed:** Recommend approval of proposed amendments to the FY22-23 UPWP.



# **Item 8:**

## **2023 TxDOT UTP Update**

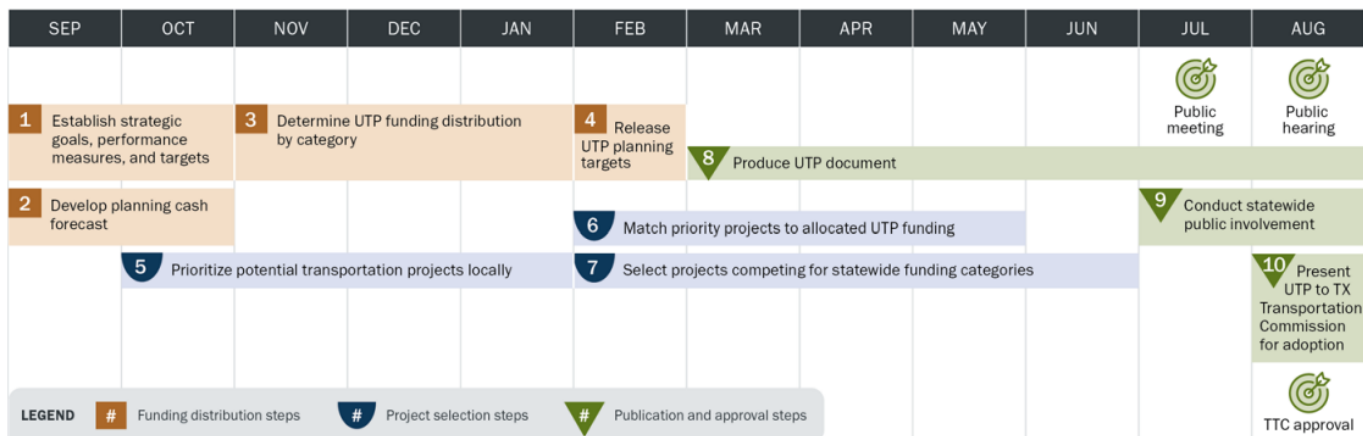
**TxDOT 2023 UTP Update**

TxDOT's Unified Transportation Plan (UTP) is a 10-year planning document that guides the development of transportation work across the state.

The 2023 UTP is currently in development. Staff from the Waco District will give a brief update to the Committee on those efforts and what it means for the MPO.

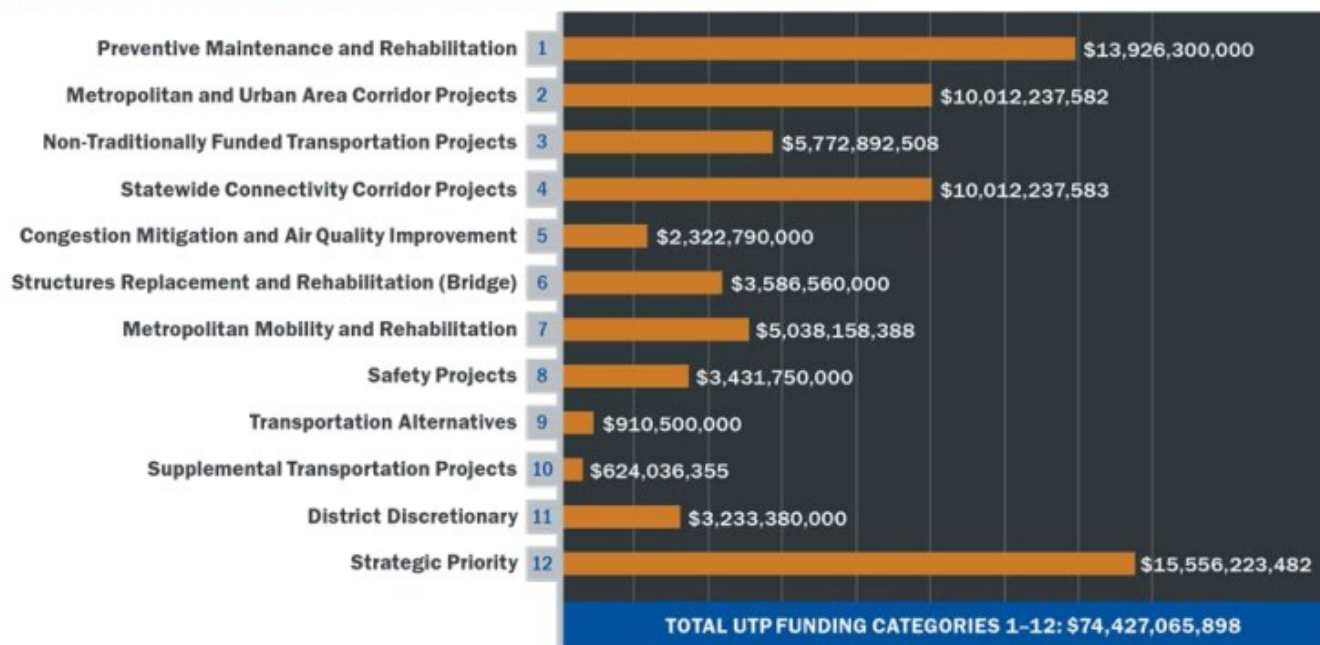
**Action Needed:** No action needed; for discussion only.

**FIGURE 3**  
**UTP DEVELOPMENT TIMELINE – ANNUAL 10-STEP CYCLE \***



\* This timeline is subject to change. For the latest information about public involvement dates, see the UTP Public Involvement page on [TxDOT.gov](https://www.txdot.gov). To maximize the limited time of an annual cycle, many UTP development steps are conducted concurrently and may overlap on the timeline.

**FIGURE 5**  
**2022 UTP FUNDING DISTRIBUTION BY CATEGORY**



UTP	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	TOTAL
Cat 2	\$ 22,527,835	\$ 19,789,690	\$ 19,989,591	\$ 14,293,108	\$ 24,740,427	\$ 22,472,229	\$ 20,207,897	\$ 21,198,696	\$ 20,382,291	\$ 19,301,994	\$ 204,903,758
Cat 7	\$ 8,531,691	\$ 6,482,721	\$ 6,429,244	\$ 6,501,952	\$ 6,566,625	\$ 6,246,684	\$ 6,281,194	\$ 6,350,082	\$ 6,432,142	\$ 6,538,832	\$ 66,361,167
Cat 9	\$ 394,010	\$ 394,010	\$ 394,010	\$ 394,010	\$ 394,010	\$ 394,010	\$ 394,010	\$ 394,010	\$ 394,010	\$ 394,010	\$ 3,940,100
										10 Year	\$ 275,205,025
										KTMPO	
Cat 4	\$ 19,908,508	\$ 17,488,729	\$ 17,665,387	\$ 12,631,238	\$ 21,863,840	\$ 19,859,367	\$ 17,858,310	\$ 18,733,909	\$ 18,012,427	\$ 17,057,738	\$ 181,079,453
										Waco District	

**Item 9:**

**Visioning for new KTMPO**

**Dashboard**

### **Visioning for KTMPO Dashboard Development**

KTMPPO recently contracted with Kimley Horn to develop a dashboard for the MPO. The purpose of this dashboard is to streamline MPO planning processes for staff, increase transparency with stakeholders and the public with MPO activities, improve the MPO's ability to solicit public feedback, and provide the public with better information on transportation related topics.

This dashboard is intended to be a useful tool not only for staff, but also for stakeholders and the public. Staff requests input from the TAC on possible modules and/or information to be included in the dashboard.

Kimley Horn has provided several high-level potential use case examples for discussion and to spark ideas.

**Action Needed:** No action needed; for discussion only.

## KTMPO Regional Transportation Metrics Dashboard – Potential Use

Table of potential dashboard modules and features:

Use Case	Example Link(s)
<b>Regional Performance Metric Tracking</b> Dashboard tool for review, analysis, and display of federally required transportation planning measures (including comparison to national goals)	<a href="#">Broward County MPO Performance Dashboard</a> <a href="#">Boston Region MPO Performance Dashboard</a>
<b>Regional Projects Map*</b> Interactive map view of current and future KTMPO transportation projects <i>(* Note: The KTMPO website already has a version of this item, but enhancements are available)</i>	<a href="#">Nashua MPO Projects Story Map</a> <a href="#">GRPC Interactive Projects Map</a> <a href="#">Memphis MPO Projects Map</a>
<b>Regional Conditions Map(s)</b> Interactive map view(s) of other spatial data within the KTMPO boundary, such as demographic, land use, congestion, origin-destination, or livability data	<a href="#">Des Moines Area MPO Maps Page</a> <a href="#">Indy MPO Transit Oriented Development Map Series</a> <a href="#">Plan Hillsborough Planning Info Mapping App</a>
<b>Draft Document Review Portal</b> In-browser display of draft project and report submittals for stakeholder and citizen review and comment	<a href="#">Concord Street Project Feedback Map</a>
<b>TIP Project Call Application Module</b> Planning call for projects module that collects project applications and allows for comparison of candidate projects based on scores and attributes	<a href="#">CAMPO TIP Amendment Online Application</a> <a href="#">Indy MPO MiTIP Online Project Application Guidance</a>
<b>TIP Scenario Funding Visualizer</b> Dashboard module that allows KTMPO to identify, build, visualize, and publish TIP scenarios based on eligibility for various available funding sources	<a href="#">Broward County MPO Interactive TIP</a> <a href="#">Indy MPO MiTIP Project Viewer Tool</a>
<b>In-Browser Document Library</b> In-browser document library that includes completed transportation planning documents and agency certification reviews	<a href="#">Flint Hills MPO Issuu Document Viewer</a>
<b>Interactive Public Feedback Portal</b> Public feedback portal that includes comment collection, polling, and survey capabilities	<a href="#">Hillsborough MPO 2045 Plan Feedback Portal</a>
<b>Portal to Other Existing Dashboards/Data</b> Page with live links to other external maps, dashboards, or data pages that display transportation-related information within the KTMPO region	<a href="#">Indy MPO References Page</a> <a href="#">CHCRPA (Chattanooga) Data References Page</a>
<b>Traffic Safety Analysis Tool</b> Dashboard that allows for crash data visualization and safety analysis	<a href="#">CAMPO Safety Dashboard (Draft)</a> <a href="#">Zero Fatalities Nevada Dashboard</a>

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# **Item 10:**

## **Public Input**

**Public Input Received**

KTMP has been collecting public comments received online, via emails, public hearings, meetings, social media accounts, web maps and other forms of communication. Staff bring these to the TAC and TPPB on a regular basis to ensure the MPO boards are aware of public concerns and have the opportunity to respond accordingly. Public input received through the previous month is included in meeting packet.

**Action Needed:** No action needed; for discussion only.



## KTMPO Public Comments

FY22

Date	Name	Means of Public Comment	Public Comment	Date Comment Was Presented to TAC	Public Comment Topic	Jurisdiction

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# **Grant Opportunities**

- **Innovative Coordinated Access and Mobility Pilot Program (ICAM):**

**Deadline December 6, 2021**

Federal Transit Administration (FTA):

The ICAM pilot program awards funds to help finance innovative capital projects for the transportation-disadvantaged, with the goal to improve the coordination of transportation services and non-emergency medical transportation services for underserved groups. Eligible applicants are State departments of transportation, designated recipients for Section 5310 funds, or local governmental entities that operate a public transportation service, or their eligible subrecipients that have the authority and technical capacity to implement a regional or statewide cost allocation pilot.

Estimated Funding Available: \$3,500,000

Match: 80% Federal / 20% Local

[Click Here](#) for more information!

- **Grants for Buses and Bus Facilities FY2021:**

**Deadline January 11, 2022**

Federal Transit Administration (FTA):

This opportunity provides funding for projects that enhance mobility innovations for transit, supporting a vision for carefree mobility for all – a safe, reliable, equitable and accessible mobility ecosystem that supports complete trips for all travelers. Funds will be awarded competitively for projects that advance emerging technologies, strategies and innovations in passenger-centric mobility in two distinct areas.

Estimated Funding Available: \$2,000,000

Award Ceiling: \$1,000,000

Award Floor: \$250,000

Match: 80% Federal / 20% Local

[Click Here](#) for more information!

**Websites:**

Grants.Gov: <https://www.grants.gov/>

TxDOT: <https://www.txdot.gov/government/funding.html>

USDOT: <https://www.transportation.gov/grants>

FTA: <https://www.transit.dot.gov/funding/grants/grant-programs>

TERP: <https://www.tceq.texas.gov/airquality/terp>

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## Commonly Used Transportation Related Acronyms and Terms

Organizations	Terms
<b>KTMPPO</b>	<b>TMA</b>
Killeen – Temple Metropolitan Planning Organization	Transportation Management Area
<b>TPPB (KTMPPO)</b>	<b>MAP - 21</b>
Transportation Planning Policy Board	Moving Ahead for Progress in the 21 <sup>st</sup> Century (legislation replaced SAFETEA-LU in July 2012)
<b>TAC (KTMPPO)</b>	<b>SAFETEA – LU</b>
Technical Advisory Committee	Safe, Accountable, Flexible, Efficient Transportation Equity Act
<b>FHWA</b>	<b>MPO</b>
U.S. Department of Transportation Federal Highway Administration	Metropolitan Planning Organization
<b>FTA</b>	<b>UPWP</b>
U.S. Department of Transportation Federal Transit Administration	Unified Planning Work Program
<b>TxDOT</b>	<b>MTP</b>
Texas Department of Transportation	Metropolitan Transportation Plan
<b>TCEQ</b>	<b>TIP</b>
Texas Commission on Environmental Quality	Transportation Improvement Program
<b>TTI</b>	<b>STIP</b>
Texas A&M Transportation Institute	Statewide Transportation Improvement Program
<b>CTCOG</b>	<b>STP-MM</b>
Central Texas Council of Governments	Surface Transportation Program – Metropolitan Mobility
<b>HCTD or “The HOP”</b>	<b>TAP</b>
Hill Country Transit District	Transportation Alternatives Program
<b>CTR TAG</b>	<b>UTP</b>
Central Texas Regional Transportation Advisory Group	Unified Transportation Program
<b>BPAC</b>	<b>CMAQ</b>
Bicycle and Pedestrian Advisory Committee	Congestion Mitigation and Air Quality Improvement Program
	<b>UA or UZA</b>
	Urbanized Area
	<b>EJ or “Title VI”</b>
	Environmental Justice
	<b>CMP</b>
	Congestion Management Process
	<b>ITS</b>
	Intelligent Transportation Systems
	<b>NAAQS</b>
	National Ambient Air Quality Standards

A comprehensive listing with definitions is available under Transportation Planning Resources at [www.ktmpo.org](http://www.ktmpo.org). Pages 61-65 of the publication “The Transportation Planning Process... is a great resource for commonly used Transportation terms.



# **2045 MTP Project Listing**



# 2045 Metropolitan Transportation Plan Project Listing

Short Range Funded (2021-2031) Projects with Allocated Funding as of September 2021 and Listed in the Transportation Improvement Program (TIP)

## CATEGORY 2 PROJECTS (METROPOLITAN CORRIDORS)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W40-04a (1)	2502-01-021	Loop 121 Phase 1a	Lake Rd (FM 439) to South of W Ave O	Widen from two lanes to four lanes with a raised median	56.45	14	5	\$30,800,000	2021	Yes	EJ, H, P	Allocation: \$62,269,000 4-year UTP Fiscal Constraint: \$68,585,914
W35-01	0231-19-003 0231-01-003 0231-02-067	US 190 Bypass	0.6 mi. W of FM 2657 to 0.15 mi. E of Clarke Rd	Widen to 4 In divided highway	49.54	3	3	\$67,200,000	2023	Yes	L, H,	
T45-18	N/A	SH 95 Turn Lanes	Barnhard Rd to 0.6 mi. S of Barnhard Rd	Add turn lanes on west side	40.82	22	25	\$1,219,000	2022			

## CATEGORY 4 PROJECTS (STATEWIDE CONNECTIVITY CORRIDORS)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W35-01	0231-19-003 0231-01-003 0231-02-067	US 190 Bypass	0.6 mi. W of FM 2657 to 0.15 mi. E of Clarke Rd	Widen to 4 In divided highway	49.54	3	3	\$67,200,000	2023	Yes	L, H,	Allocation: 36,950,000

## CATEGORY 7 PROJECTS (SURFACE TRANSPORTATION PROGRAM-METROPOLITAN MOBILITY)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
T40-15	0184-03-039 0232-01-053	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	IH-35 to MLK Jr Blvd (Spur 290)	Installation of ADA compliant sidewalks traveling east on Central Avenue from 31st Street to 3rd Street and west on Adams Avenue from 3rd Street to 31st Street with tapered connections to existing sidewalks at bridges	92.00	2	2	\$1,913,044	2021	Yes	EJ, H	Allocation: \$27,584,615 4-year UTP Fiscal Constraint: \$23,549,569
T40-07a	0909-36-168	Temple Outer Loop West-Phase I	522 ft South of Jupiter Dr to 20 ft North of Riverside Trail	Widen from two to four lane divided roadway with a curb and gutter, Phase 1	64.67	17	4	\$10,298,198	2023	No	P, H	
N40-04	0909-36-167	Nolanville City Park Connectivity	Park (North Mesquite) along Ave H to 10th St	Construct ADA compliant sidewalks, ramps, and crosswalks	72.34	6	3	\$1,558,802	2021	No	P	
N40-03	N/A	Old Nolanville Rd Bridge	Bridge on Old Nolanville Rd to IH-14	Upgrade bridge, shared use path	43.61	9	5	\$1,924,841	2022	No	---	
D45-01	N/A	W Main St/Luther Curtis Rd	Church Ave to 0.4 mi. W of Lee Mays Blvd	Rehabilitate and widen to 2 ln + CTL, 12' shared use path	38.16	33	7	\$3,200,000	2022			
H30-05b	0909-36-171	Warrior's Path Phase 2	Pontotoc Trace to FM 2410	Add left turn lane, 10' shared use path, 6' sidewalk	37.65	36	8	\$3,101,020	2023	No	H	
S45-01	N/A	Royal St Improvements	Smith Branch Rd to FM 2286 (Main St)	Pavement rehabilitation	34.71	46	9	\$1,005,200	2022			
K45-03	N/A	W Rancier Ave	Ft Hood St (SH 195) to WS Young Dr	Construct 6' wide concrete sidewalk, pedestrian signals, ADA ramps and crosswalks.	60.27	1	1	\$3,240,000	2024			
T40-13a	0909-36-173	Georgetown Railroad Trail Phase 1	S 31st St (FM 1741) to 0.04 mi. E of S 5th St	Construct 10 ft wide hike/bike trail	58	3	3	\$1,343,510	2022			

## MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
B45-03	0909-36-169	13th Avenue Sidewalk Improvements	Main St (SH 317) to Waco Rd (FM 817)	Construct ADA compliant ramps, sidewalks, and crosswalks and add striping for a bik lane on the south side of the roadway	72.16	7	4	\$539,233	2023	No	P	Allocation: \$1,901,060 4-year UTP Fiscal Constraint: \$1,576,040
T40-13a	0909-36-173	Georgetown Railroad Trail Phase 1	S 31st St (FM 1741) to 200 ft E of S 5th St	Construct 10 ft wide hike/bike trail	58	3	3	\$656,490	2022			
N40-05	N/A	FM 439 Spur Connectivity	Main St to North Dr	Construct 10' wide sidewalk, ADA ramps and crosswalks, improve shoulders at Main St	52.63	6	4	\$705,337	2022			

## STATEWIDE CATEGORY 9 PROJECTS (SAFE ROUTES TO SCHOOL PROGRAM)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
D45-02	0909-36-180	Troy - Mays Middle School SRTS	On Lee Mays Blvd and Luther Curtis Rd to Raymond Mays Middle School	Construct 0.2 miles of accessible sidewalks with crosswalks and ADA ramps.	N/A	N/A	N/A	\$277,571	2021	No	N/A	Allocation: \$277,571 Fiscal Constraint: n/a

Other Projects												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
C45-01	3623-01-004	Fort Hood Access Ramps	Old Georgetown Rd to BNSF Railway	Construct exit ramp to Tank Destroyer Blvd and entrance ramp from Old Georgetown Rd	N/A	N/A	N/A	\$5,015,690	2021	N/A	—	Local Contribution (Cat 3) Allocation: \$5,015,690 Fiscal Constraint: n/a
GROUPED PROJECTS												4 Year Total TIP Allocation: \$68,380,161 *Excludes grouped projects, matches current TIP financial summary
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	FY2019-2022 TIP	FY2021-2024 TIP						10 Year Total UTP Fiscal Constraint: \$254,490,702
G01-PE	Various CSJs	Preventative Projects	Various Locations	Various Descriptions	\$0	\$0						MTP 10 Year Short Range Fiscal Constraint: \$49,500,000
G03-MT	Various CSJs	Maintenance Projects	Various Locations	Various Descriptions	\$20,009,216	\$16,146,611						MTP Long Range Fiscal Constraint: \$405,700,000
G04-BR	Various CSJs	Bridge Projects	Various Locations	Various Descriptions	\$1,400,000	\$10,590,000						
G06-SA	Various CSJs	Safety Projects	Various Locations	Various Descriptions	\$2,690,079	\$14,418,916						
Proposed Roadway, Transportation Choices/Livability,Transit, and Preventative Maintenance Projects												
ROADWAY PROJECTS <sup>7</sup>												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding <sup>4 9</sup>
K30-13a	0909-36-175 0909-36-172	Chaparral Rd Phase 1	SH 195 to E Trimmier Rd	Widen from 2 ln to 4 ln, 8' bike ln 5' sidewalk or SUP both sides	52.47	1	1	\$12,880,000	2025	No	EJ, H	Categories 2, 7 Years 5-10 Short Range Allocations: \$186,833,795 UTP 10-Year Fiscal Constraint: \$254,490,702 Available: -\$4,647,994 *Available = UTP constraint - TIP allocations - Short Range Cat 2, 7, 9 allocations
W40-04a2	N/A	Loop 121 Phase 1b	IH-14 to IH-35	Widen 2 ln to 4 ln with raised median, 10' SUP, 6' sidewalk	50.74	2	2	\$21,280,000	2025			
T40-07b	0909-36-174	Outer Loop West Phase 2	Riverside Trail to IH-35 Frontage Rd	Widen and new construction 4 ln, trail	47.28	6	4	\$1,960,000	2027	No	P, H	
C45-02	N/A	SH 9 Offramp	SH 9 to BUS US 190	New construction 1 ln direct connector	41.17	20	6	\$28,000,000	2025			
C45-04	N/A	W Avenue B Phase 1	N 1st St to Courtney Ln	Widen to consistent 4 CLT, 11' shared use path, 6' sidewalk	47.62	4	10	\$8,982,400	2025			
W40-04b	N/A	Loop 121 Phase 2	IH-35 to FM 436	Widen 2 ln to 4 ln with raised median, 10' SUP, 6' sidewalk	46.92	7	12	\$10,080,000	2029			
B40-11	N/A	FM 2271	FM 1670 to FM 439	New construction 2 ln, 10' shared use path	44.85	8	13	\$55,664,000	TBD			
W30-17	1835-01-026	FM 93 - Phases 1 and 2	SH 317 to Wheat Rd	Widen from 2 ln to 4 ln divided, shared use path	43.21	12	16	\$16,800,000	2026	Yes	EJ, H, P	
W35-07	0320-06-008	Loop 363	Lucius McCelvey Dr to Industrial Blvd	Expand to 4 ln, intersections @ Lucius McCelvey & Industrial	41.86	16	20	\$50,400,000	2025	Yes	H	Categories 2, 7, 11 Years 11-25 Long Range Allocations: \$361,767,429 MTP Long Range Fiscal Constraint: \$364,100,000 Available: \$2,322,571
T15-06k	0015-14-109	IH 35	US 190 to LP 363	Widen from 6 ln to 8 ln	47.53	5	11	\$308,000,000	2031	Yes	EJ, H	
W30-23	0184-04-051	US 190	FM 1741 to FM 436	Expand to 4 FRWY with grade separation and FRTG	43.53	10	14	\$115,360,000	2029			
T35-36a	N/A	S 1st St	Ave M to Ave U	Widen from 4 ln to 4 ln divided, hike & bike trail	43.28	11	15	\$9,520,000	2025			
C45-05	N/A	W Avenue B Phase 2	Courtney Ln to Bermuda St	Expand to 2 ln WB, 1 ln EB, CLT, 11' shared use path	43.01	13	17	\$15,153,600	2027			
K30-23	N/A	Jasper Dr overpass	Daisy Dr to S 2nd St	Widen to 8 ln	42.55	14	18	\$27,583,528	TBD			

K40-11	N/A	W S Young Dr	Illinois Ave to Elms Rd	Access management	42.39	15	19	\$15,680,000	TBD			Regionally Significant Unfunded List: \$530,942,577
K40-24	N/A	Featherline Rd	Stagecoach Rd to Chaparral Rd	Widen to 4 CLT with roundabouts at Stagecoach and W S Young	41.84	17	21	\$8,832,748	TBD			
B45-12	N/A	IH-35 @ IH-14 Interchange Safety	Connell St to E Ave H	Add messaging boards, striping, improve pavement, other safety improvements	41.54	18	22	\$2,016,000	TBD			
H15-01	N/A	FM 3423 (Indian Trail Dr)	IH-14 to BUS US 190 (VMB)	Add center turn lane, 6' sidewalk both sides	41.34	19	23	\$6,570,928	2026			
W25-02	0184-02-056	SH 36	SH 317 to Lake Belton Bridge	Widen from 2 ln to 4 ln divided	40.92	21	24	\$44,800,000	TBD			
W35-04	0836-03-069	FM 439	Roy Reynolds Dr to FM 3219	Widen from 2 ln to 4 ln CLT	40.82	22	26	\$13,440,000	2045			
C45-08	N/A	BUS 190 Phase 2b	Leonard Rd to Robertson Ave	Remove CLTto change to 4D with median, 11' shared use path, 6' sidewalk	40.27	23	27	\$5,264,000	2027			
W35-03	N/A	SH 195	FM 3470 to Chaparral Rd	Expand to 4 FRWY with FRTG	40.19	24	28	\$58,744,000	TBD			
B40-10	N/A	FM 1670	IH-14 to Three Creeks Blvd	Widen 2 ln to 4 ln, 10' shared use path	40.18	25	29	\$6,320,563	TBD			
K40-16	N/A	E Trimmier Rd	Stagecoach Rd to Chaparral Rd	Widen to 5 lanes - assume 4 CLT	39.48	26	30	\$6,772,640	TBD			
H45-01	N/A	E FM 2410 (Knight's Way) Phase 1	Cedar Knob Rd to Warriors Path	Widen 2 ln to 4 ln CLT	39.39	27	31	\$6,392,512	2026			
B40-07	N/A	Connell St	IH-14 to Loop 121	Widen 2 ln to 4 ln with raised median, 10' shared use path, 5' sidewalk	39.20	28	32	\$8,400,000	TBD			
K40-17	N/A	W Trimmier Rd	Stagecoach Rd to Chaparral Rd	Widen to 4 CLT	39.00	29	33	\$7,698,684	TBD			
C45-07	N/A	BUS 190 Phase 2a	Georgetown Rd (FM 116) to Leonard Rd	Remove CLTto change to 4D with median, 11' shared use path, 6' sidewalk	38.38	30	34	\$11,312,000	2026			
D40-01	N/A	N Waco Rd (Old US 81)	W Main St to Big Elm Rd	Widen to 2 CLT, 12' shared use path	38.37	31	35	\$16,240,000	2023			
T45-15	N/A	Outer Loop East	IH-35 to FM 93	New construction 4 ln divided, hike & bike trail	38.21	32	36	\$82,880,000	2025			
H45-03	3409-01-007	FM 3481 (Stillhouse Lake Rd) Phase 1	Prospector Trail to Proposed Chaparral Rd intersection	Widen 2 ln to 4 ln CLT	37.92	34	37	\$7,276,640	2040			
W35-08	N/A	FM 93	FM 1741 to SH 36	Widen from 2 ln to 4 ln with median, grade separated at RR crossing	37.91	35	38	\$59,360,000	TBD			
H30-01	N/A	BUS US 190 (Veterans Memorial Blvd)	N Roy Reynolds Rd to IH-14	Reduce to 2 ln, 10' sidewalks both sides	37.15	37	39	\$9,296,000	2035			
B40-08	N/A	Sparta Rd	Loop 121 to Dunns Canyon Rd	New construction right turn lane Loop 121 to school, 10' path Tiger Dr to Dunns	37.01	38	40	\$1,680,000	TBD			
C45-03	N/A	Courtney Ln	Fairbanks St to N 1st St (FM 116)	Add a center turn land, 10' shared use path, 6' sidewalk	36.81	39	41	\$4,631,200	2023			
W30-21	N/A	Loop 363 Intersection	LP 363 @ FM 2305	Reconstruct the interchange	36.73	40	42	\$22,400,000	TBD			
C45-09	N/A	BUS 190 Phase 2c	Robertson Ave to E Ave D	Remove CLT to change to 4D with median, 11' shared use path, 6' sidewalk	35.56	42	43	\$9,689,120	2027			
C45-06	N/A	Big Divide Rd Phase 1	Colorado Dr to W Ave B (FM 1113)	Expand to 4 CLT, 6' sidewalk both sides	35.54	43	44	\$13,552,000	2025			
B40-09	N/A	Avenue D West	Near Kennedy Ave to Wheat Rd	New construction 2 ln 10' shared use path	35.46	44	45	\$5,508,720	TBD			
B45-10	N/A	Southwest Parkway South	Loop 121 to Shanklin Rd W	New construction 3 ln, 10' shared use path, 5' sidewalk	35.37	45	46	\$6,272,000	TBD			
N40-07	N/A	Warrior's Path Extension Phase 1	Old Nolanville Rd to IH-14	New construction 2 ln	34.01	47	47	\$6,387,646	2027			
H45-02	N/A	E FM 2410 (Knight's Way) Phase 2	Warriors Path to Rummel Rd	Widen 2 ln to 4 ln CLT	33.91	48	48	\$6,354,320	2030			
B30-02	N/A	Shanklin Rd W Outer Loop	E end of Three Creeks Subdivision to IH-35	New construction 4 ln 10' shared use path	33.55	49	49	\$13,238,400	TBD			
N40-06	N/A	Railroad Crossing Safety	RR Crossings @ Pleasant Hill Rd, N 5th St, Main St, & Jackrabbitt Rd	Upgrade RR crossings	31.55	50	50	\$903,578	2021			
B45-11	N/A	Shanklin Rd N-S	Loop 121 to Shanklin Rd E-W	New construction 3 ln, 10' shared use path, 5' sidewalk	30.55	51	51	\$6,720,000	TBD			
B30-03	N/A	Belton Outer Loop East	IH-35 @ Shanklin Rd to FM 436	New construction 2 ln, 10' shared use path	30.47	52	52	\$13,507,200	TBD			
B45-09	N/A	Toll Bridge Rd	Elmer King Rd to Shanklin Rd	Widen to 4 ln collector, 10' shared use path	30.27	53	53	\$10,080,000	TBD			
B40-02	N/A	Southwest Parkway North	Loop 121 to Huey Dr	Widen to collector and extend, 5' sidewalk both sides	29.63	54	54	\$1,579,200	2024			
N40-12	N/A	Paddy Hamilton Rd/Jackrabbitt Rd	IH-14 @ Paddy Hamilton Rd to IH-14 @ Jackrabbitt Rd	Widen roads with shoulders	29.45	55	55	\$7,022,400	2024			
N45-01	N/A	FM 439 Spur	IH-14 to Lonesome Oak Dr	Add traffic light and turn lane	28.99	56	56	\$1,310,400	2022			
B30-01	N/A	George Wilson Rd extension	FM 93 to FM 439	New construction 2 ln, 10' shared use path	28.80	57	57	\$1,553,422	TBD			
B45-08	N/A	Mesquite Rd	IH-35 to Shanklin Rd	Widen to collector and extend, 5' sidewalk both sides	28.46	58	58	\$5,936,000	TBD			
H30-03	N/A	FM 3219	BUS US 190 (VMB) to FM 439	Widen from 2 ln to 4 ln divided and elevate, 6' sidewalks on both sides	27.91	59	59	\$15,320,256	2050			

H40-03 <sup>6</sup>	N/A	Chaparral Rd	FM 3481 to Killeen City Limits on Chaparral Rd	Widen and straighten roadway and construct hike and bike trail	N/A	N/A	N/A	N/A	N/A	No	H	Unscored/Unfunded List
C25-02	N/A	FM 1113	Signal Light at FM 116/Ave B to Summers Rd	Widen from 2 to 4 lanes with ADA-compliant sidewalks	N/A	N/A	N/A	N/A	N/A	No	H	
C25-04	N/A	North Side Loop	FM 1113 to FM 116	Widen from 2 to 4 lanes with raised median curb and gutter with enclosed storm drainage	N/A	N/A	N/A	N/A	N/A	No	—	
C40-01	N/A	FM 116 South	Copperas Cove City Limits to SH 201	Upgrade Ivy Gap Rd and Ivy Mountain Rd to FM status, widen roadway from 2 to 5 lanes with curb and gutter	N/A	N/A	N/A	N/A	N/A	No	EJ, L, H, ARZ	
H40-04	N/A	E FM 2410	E side from FM 2410 Community Park to Simmons Rd	Expand roadway to include curb and gutter, access management control, turning lanes, drainage improvements, and context sensitive solutions	N/A	N/A	N/A	N/A	N/A	No	EJ, L, H	
N40-08	N/A	Warrior's Path Extension Phase II	US 190 to FM 439	Construct 2 lane roadway	N/A	N/A	N/A	N/A	N/A	No	—	
N40-10	N/A	FM 439 Safety Improvements	FM 439 at Lonesome Oak Dr	Add turning lane, shoulder expansion and possible traffic signals/signs	N/A	N/A	N/A	N/A	N/A	No	—	
W30-06	N/A	Killeen Airport Entrance	SH 201 at Killeen Airport Entrance	Construct interchange	N/A	N/A	N/A	N/A	N/A	Yes	EJ, H	
TRANSPORTATION CHOICES/LIVABILITY PROJECTS <sup>8</sup>												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding <sup>4 9</sup>
B45-02	N/A	E 6th Ave Sidewalk	Main St (SH 317) to IH-35 frontage road	Construct 5' sidewalks on both sides, relocate dry utilities underground, and other utilities outside of pavement	58.74	2	2	\$12,320,000	TBD			Category 9: Years 5-10 Short Range Allocations: \$18,934,384 UTP 10-Year Fiscal Constraint: \$254,490,702 Available: -\$299,133
S45-03	N/A	Williams Road Sidewalks	FM 2484 to W Village Rd	Construct ADA accessible concrete sidewalks.	38.72	19	5	\$647,024	2025			
K45-04	N/A	Veterans Memorial Blvd	Ft Hood St (SH 195) to WS Young Dr	Construct 6' wide concrete sidewalk, pedestrian signals, ADA ramps and crosswalks.	52.44	7	8	\$3,360,000	TBD			
T40-13b	0909-36-173	Georgetown Railroad Trail Phase 2	Leon River to S 31st St (FM 1741)	Construct 10 ft wide hike/bike trail	52.26	8	9	\$2,607,360	2025			
K45-02	N/A	Killeen-Ft Hood Regional Trail	W Elms Rd @ Robinett Rd to Clear Creek Rd (SH 201)	Construct a 10'-12' wide concrete sidewalk/trail.	53.44	4	6	\$8,400,000	TBD			Category 9 Funding: Years 11-25 Long Range Allocations: \$24,603,088 MTP Long Range Fiscal Constraint: \$41,600,000 Available: \$16,996,912
B45-05	N/A	Commerce/Industrial SUP	Sparta Rd to SH 317	Construct 10 ft wide shared use path on east side of Commerce St and north side of Industrial Park Rd	52.99	5	7	\$1,381,333	TBD			
B45-07	N/A	Avenue H Sidewalk/Road Improvements	Saunders St to S Pearl St than north to W Ave D	Construct 5' sidewalk on north side of Ave H, reconstruct roadway and widen to 2 lanes with curb and gutter	52.17	9	10	\$1,232,000	TBD			
B45-04	N/A	Beal Street Sidewalk	E 24th Ave to Downing St	Construct 5' sidewalk on east side from E. 24th Ave to Downing St, construct 5' sidewalk on both sides	51.53	10	11	\$644,000	TBD			
T45-02	N/A	Downtown Sidewalks - 1st and 3rd Street	Mayborn Civic Center to Ave A	Construct and repair sidewalks with ADA-compliance ramps, crosswalks and landscaping	51.16	11	12	\$3,046,400	2025			
B45-01	N/A	Belton's Georgetown Rails to Trails SUP	E Ave B to Leon River Bridge	Construct 10 ft. wide shared use path to connect KTMPO projects B40-05 and T40-13	50.35	12	13	\$2,352,000	TBD			
N40-11	N/A	Nolan Creek Trail	Bridge on Old Nolanville Rd to Levy Crossing	Construct 10 ft multi-use trail boarding Nolan Creek	47.8	13	14	\$1,691,152	2025			
B45-06	N/A	Central Avenue Sidewalk	Main St (SH 317) to Pearl St	Replace sidewalk along W. Central Ave with 5' wide ADA compliant sidewalk on north side of Central Ave	47.63	14	15	\$476,000	TBD			
T45-03	N/A	Downtown Sidewalks - East Central	Martin Luther King Jr Dr to N 22nd St	Construct 6 ft wide sidewalks, repair existing sidewalks with crosswalks and landscaping	42.64	15	16	\$672,000	2025			
T25-05	N/A	FM 2271 Trail	FM 2305 to Miller Springs Nature Area	Construct 8 ft wide trail	42.53	16	17	\$1,064,000	2025			
T45-09	N/A	Apache Drive Sidewalk	West Adams Ave to Gila Trail	Construct 6 ft. wide sidewalks and crosswalks	42.37	17	18	\$436,837	2025			
S45-04	N/A	Thomas Arnold Road Sidewalks	Salado School Rd to IH-14	Construct ADA accessible concrete sidewalks.	40.73	18	19	\$259,728	2025			
S45-06	N/A	Salado School Road Sidewalks	Thoomas Arnold Rd to W Village Rd	Construct ADA accessible concrete sidewalks.	37.81	20	20	\$299,376	2025			
N40-09	N/A	Pleasant Hill Bike Lanes	600 ft N of Wayne Dr to IH-14	Construct Class 2, buffered on-street bike lane	36.46	21	21	\$856,800	2025			
S45-05	N/A	West Village Road Sidewalks	Thomas Arnold Rd to Williams Rd	Construct ADA accessible concrete sidewalks.	35.81	22	22	\$521,360	2025			
N40-13	N/A	Wildwood Trail	Lonesome Oak Dr to Ave I	Construct an 8 ft. wide multi use trail	32.99	23	23	\$952,000	2025			
S45-02	N/A	Salado Creek Crossing Project	Pace Park to Royal Street	Construct a stone path across the Salado Creek that would connect the north and south sides	30.73	24	24	\$318,102	2025			
N40-12	N/A	Jack Rabbit Road Bike Thoroughfare	US 190 to FM 439 and through Park to School	Add Class 2 Bike Lanes on system	N/A	N/A	N/A	N/A	N/A	No	—	Unscored/Unfunded List
S40-04b <sup>1</sup>	N/A	Main St Sidewalks Phase 2	College Hill Dr to Salado Plaza Dr	Main St improvements to include pavement widening, bike paths, drainage improvements.	N/A	N/A	N/A	\$2,223,044	N/A	No	H, ARZ, ES	
K40-21b	N/A	Heritage Oaks Hike & Bike Trail Segment 5	Chaparral Rd @ Rosewood Dr to USACE Property	Construct shared use path for bicyclists and pedestrians	N/A	N/A	N/A	\$1,300,000	N/A	No	EJ, ARZ	
TRANSIT PROJECTS												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding <sup>4</sup>
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

GROUPED PROJECTS				
Short Range Funded (2019-2028)				
KTMPO ID	Project Name	Description		Funding
G01-PE	Preventative Projects	Various Locations	Grouped CSJ Placeholder	Short Range Funding: \$165,803,999
G03-MT	Maintenance Projects	Various Locations		
G04-BR	Bridge Projects	Various Locations		
G06-SA	Safety Projects	Various Locations		
Long Range Funded (2029-2045)				
KTMPO ID	Project Name	Description		Funding
G01-PE	Preventative Projects	Various Locations	Grouped CSJ Placeholder	Long Range Funding: \$295,989,993
G03-MT	Maintenance Projects	Various Locations		
G04-BR	Bridge Projects	Various Locations		
G06-SA	Safety Projects	Various Locations		

**Notes:**

<sup>1</sup>Project score, project ranking and prioritized list is based on the scoring criteria at the time those projects were selected for funding.

<sup>2</sup>CMP network is based on the network when that project was selected for funding and/or when project was submitted to KTMPO.

<sup>3</sup>Environmental considerations is based on the environmental conditions when that project was selected for funding and/or when project was submitted to KTMPO. Use key below for identification purposes.

Environemntal Considerations	
Symbol	
EJ	Environmental Justice Community of Concern
L	Landfill
H	Cemeteries, Archaeological Sites, Historical Markers
ARZ	Aquifer Recharge Zone
ES	Endangered Species
P	Park

<sup>4</sup>Fiscal Constraints are determined by inputs into the TRENDS model as approved on March . Short range funding is estimated funding for FY2019-2028 and Long Range Funding is estimated funding for FY2029-2045

<sup>5</sup>Project is a combination between C35-02a and C35-02b. Projecct C35-02b was the top prioritized livability project.

<sup>6</sup>Project H40-03 Chaparral Rd original score, project ranking, and prioritized list order was 60.51, 25 and 30 respectively.

<sup>7</sup>KTMPO received a total of 69 roadway projects with an estimated total cost of \$1,008,785,911. Roadway prioritized list was recommended by TAC on November 28, 2018. During this process, five bonus points were added to projects that lie on a freight corridor as notated in the Regional Multimodal Plan as approved by TPPB on October 24, 2018. After assigning bonus points, each submitting entities' top roadway project was moved to the top of the list. The order was based on the total number of points for those top roadway projects. All remaining projects were ranked based on total project score. Other changes to the ranked list included swapping projects N40-03 and H30-05 and moving project H40-03 to the unfunded list since K30-13 overlaps with this project. Each change was discussed and agreed to during the 11/28/2018 TAC meeting. Prioritize list is not the order of funding and allocation of funds is based on various factors such as but not limited to project ranking, project readiness, funding availability and project need. During discussion, it was decided that project T15-06k will retain its rank, however, this project will be skipped if this project is a candidate for funds.

<sup>8</sup>Note: KTMPO recieved a total of 27 livability projects with an estimated total cost of \$34,939,442. Livability ranked list was recommended by TAC on November 28, 2018. During this process, five bonus points were given to projects that were deemed a priority by BPAC (C35-02b, T40-13, N40-04, B45-01, and B45-05). Bonus points were proposed to projects B45-03 and B45-05 from the City of Belton based on fatalities that occurred in 2018 along these routes. Crash rates were calculated based on data from 2013-2017. Project B45-03 recieved four bonus points as discussed by TAC at the November 28, 2018 meeting. Project B45-05 would've recieved bonus points to accomodate the fatality along this route, however, this project was given the maximum number of bonus points since this project was a BPAC priority route. After bonus points were assigned each submitting entities top livability project was moved to the top of the list. Each submitting entites top priority livability project was ranked based on total score. Prioritize list is not the order of funding and allocation of funds is based on various factors such as but not limited to project ranking, project readiness, funding availability, and project need.

MTP Amendment Dates		
July 17, 2019*	April 15, 2020	July 21, 2021
September 18, 2019*	September 16, 2020	September 22, 2021
October 23, 2019	January 13, 2021	
February 19, 2020*	April 21, 2021*	

\* Administrative Amendments

<sup>9</sup>**Funding/Fiscal Constraint Notes (Cat 2, 7, 9, 11):**

Short Range funding amounts (0-10 years) come from the latest TxDOT Unified Transportation Plan (UTP).

Long Range funding amounts (10-15 years) are determined by outputs from the TRENDS model (see note <sup>4</sup>)

How projects in the list are funded:

White - Projects in the TIP are listed first, their total estimated cost is deducted from the total UTP fiscal constraint.

Green - The remaining UTP funding is then allocated to the next highest ranked projects from both the Roadway and Livability tracks until the funding cap is reached. Green colored projects are projected to receive funding within the first 10 years of the planning period.

Blue - Projects following the Short Range funding section are allocated funds from the estimated Long Range MTP funding from highest ranking on down until the funding cap is reached. Blue projects are projected to receive funding during the last 15 years of the planning period.

Orange - When all estimated funding sources have been exhausteted, any remaining projects are listed from high to low in the Regionally Significant Unfunded list. Orange projects are NOT projected to receive funding during the planning period

Yellow - Projects that are unscored are listed at the bottom of each section and have no estimated timetable for receiving funding.

Note on Roadway vs Livability Tracks:

Projects in the Livability Track are allocated funding from the latest Category 9 funding estimates only.

Porjects in the Roadway Track are allocated funding from the latest Category 2 and Category 7 estimates.

Current UTP Estimates by Category (2021-2030):	Current MTP Estimates by Category (2030-2045):
Category 2 - \$189,232,733	Category 2 - \$115,800,000
Category 7 - \$61,317,869	Category 7 - \$216,900,000
Category 9 - \$3,940,100	Category 9 - \$41,600,000
	Cateogry 11 - \$31,400,000

\*Note - funding for projects in this list is not guranteed unless the project is listed in the TIP, all other project funding is subject to change





## 2045 Metropolitan Transportation Plan Project Listing

### MTP LET PROJECTS THAT ARE STILL ACTIVE

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding Amounts
H15-02b	2304-02-036 2304-02-040	FM 2410	Roy Reynolds Dr to Commercial Dr	Widen from 2 to 4 lane roadway with sidewalks, median and turn lanes incorporating context sensitive design	N/A	N/A	N/A	\$8,800,000	2016	Yes	N/A	FY15-FY17 MPO Proposition 1: \$17,800,000
W40-02	0231-03-143	US 190	1.0 mi W of FM 2410 to FM 3423 (Indian Trail)	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	N/A	1	N/A	\$9,000,000	2018	Yes	N/A	
W40-06	0231-03-145 0231-04-061	US 190	Knights Way to FM 2410 in W Belton	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	87.45	1	1	\$39,000,000	2019	Yes	H	FY18-20 Category 2: \$74,000,000
W40-05	0231-04-060	US 190	FM 2410 in W Belton to IH-35	Widen main lanes from 4 to 6 lanes and resurface	83.79	3	3	\$35,000,000	2020	Yes	EJ	
W40-03	0231-03-146	US 190 Turnaround	At Clear Creek Rd	Roadway reconfiguration to improve turning movements (Turnaround)	42.11	42	6	\$4,000,000	2018	No	EJ	FY18-20 Category 2 Funds (\$2,100,000) and Category 7 Funds (\$1,900,000): \$4,000,000
W35-12	0185-01-030	US 190 (Rogers Relief Route)	2.0 mi S of FM 436 in Heidenheimer to Milam County Line	Widen from 2 to 4 lane divided rural highway	45.56	36	38	\$62,800,000	2020	Yes	H	FY19 Category 4 Funds: \$62,800,000
H40-02	0909-36-153	Traffic Circle at Commercial Dr	Intersection of Commercial Dr and Heights Dr	Construct traffic circle at intersection of Commercial Dr and Heights Dr	40	6	5	\$489,249	2018	No	EJ	FY15-17 Category 7 Funds: \$15,530,684
K30-02	0909-36-156	Rosewood Dr Extension	Riverstone Dr to Chaparral Dr	Construction of a 4 lane roadway with center median and an off-system bridge	38	4	6	\$7,965,049	2018	No	EJ, ARZ	
N40-01	2057-01-009	Main St Connectivity	Ave I to US 190 Frontage Rd	Construct ADA bicycle and pedestrian pathways along Main St and under US 190	31	3	3	\$596,386	2018	No	N/A	
T35-24	0909-36-155	Prairie View Road Enhancements	W of SH 317 to N Pea Ridge Rd	Construction of a 4 lane roadway, aligning FM 2483 to Prairie View Rd with a signalized intersection	39	5	4	\$6,480,000	2018	Yes	N/A	
K40-27 <sup>1</sup>	0836-02-073	SH 195	0.1 mi N of FM 3470 to 0.1 mi S of FM 3470	Turnaround underpass for northbound and southbound traffic on SH 195 frontage roads and FM 3470 (Stan Schlueter)	42.68	41	7	\$800,000	2019	Yes	EJ	FY18-20 Category 7 Funds: \$10,206,956
H35-01	0231-03-147	US 190 at FM 2410	East Central Tx Expy W to East Central Tx Expy E	Construction of a west to east turnaround at FM 2410	67.11	6	8	\$5,000,000	2020	Yes	N/A	
T40-12	1835-02-058	31st St Sidewalks (FM 1741)	Marlandwood Rd to Canyon Creek Rd	Installation of 6 ft sidewalks on both sides of FM 1741	94.35	1	1	\$500,000	2019	Yes	N/A	
C40-05	3128-01-013 3131-01-007	FM 116 & 3046 Sidewalks	Business 190 to Dennis St	Construct ADA compliant sidewalks and bike lanes	77.88	5	4	\$975,000	2020	Yes	H, P	
C40-04c	0909-39-133	The Narrows (Charles Tillman Way)	Charles Tillman Way from Constitution Dr to Charles Tillman Way @ RG III Blvd	Construct shared use path for bicycle and pedestrian use	70.32	11	6	\$170,000	2020	No	EJ, H	
S40-04a	2136-01-020	Main St Sidewalks Phase 1	Salado Plaza Dr to College Hill Dr (North End)	Main St. improvements to include lighting, sidewalks, and striping for bicycles	81.01	3	7	\$1,616,956	2019	No	H, ARZ, ES	
A45-01	0909-36-170	HCTD Fleet Replacement Project	Hill Country Transit, Killeen UZA-Two, Temple UZA-One	Purchase Buses to Provide Transportation	N/A	N/A	N/A	\$1,145,000	2019	N/A	N/A	
C40-04a	0909-39-131	The Narrows (Constitution Drive)	Constitution Dr from Bowen Ave to 0.2 mi S Martin Luther King Jr. Blvd	Construction of sidewalks for bicycle and pedestrian use	72.78	8	9	\$850,000	2020	No	EJ,H	FY 18-20 Category 7 (\$360,000) and Category 9 (\$490,000): \$850,000
K40-23	0909-36-160	Heritage Oaks Hike and Bike Trail, Segment 3A	Rosewood Dr from Nickelback Dr to Pyrite Dr	Construction of a hike and bike trail with lighting	23	1	1	\$800,000	2018	No	EJ, ARZ	FY15-17 Category 9 Funds: \$800,000
C40-04b	0909-39-132	The Narrows (RG III at Old Copperas Cove Rd)	RG III Blvd from Constitution Dr to Old Copperas Cove Rd at Constitution Dr	Construct sidewalks for bicycle and pedestrian use	70.87	9	10	\$680,000	2020	No	EJ, H	FY18-20 Category 9 Funds: \$680,000
B40-04	0909-36-157	Chisholm Trail Corridor Hike and Bike Facility Phase II	University Blvd 0.25 mi. south of Crusader Way to Tiger Dr 0.10 mi. north of Sparta Rd	Construct sidewalks and shared use path--widths vary from 8 ft to 10 ft; includes landscaping and lighting.	N/A	N/A	N/A	\$2,670,615	2019	No	N/A	FY15 Statewide TAP Funds: \$6,118,899
K40-21a	0909-36-152	Killeen Heritage Oaks Hike and Bike Trail, Segment 4	Platinum Dr to Chaparral Rd	Construct shared use path for pedestrians and bicyclists	N/A	N/A	N/A	\$3,448,284	2018	No	EJ, ARZ	
W45-01	0231-03-152	IH 14 Advanced Traffic Management System	Coryell County Line to FM 3423 (Indian Trail)	Construction of fiber optics, traffic cameras and Dynamic Message Boards	73.33	2	11	\$6,200,000	2021	Yes	EJ, L, H	Allocation: \$6,200,000 4-year UTP Fiscal Constraint: Waco District: \$59,730,508 Brownwood District: \$0

**End of Packet**