



Technical Advisory Committee

**March 2, 2022
9:30 a.m.**

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Agenda



Killeen-Temple Metropolitan Planning Organization
Technical Advisory Committee
Wednesday, March 2, 2022

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

Regular Meeting: 9:30 A.M.

Please join my meeting from your computer, tablet or smartphone.
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Access Code: 756-809-085

AGENDA

1. Call to Order.
2. Opportunity for Public Comment.
3. Staff Update (pgs. 8-10):
 - a) Meeting Schedule;
 - b) Other Updates;
 - c) Administrative Amendments; and
 - d) Air Quality.
4. **Action Item:** Regarding approval of minutes from the February 2, 2022 meeting (pgs. 12-14).
5. **Discussion and Action Item:** Regarding approval of the draft FY23-26 Transportation Improvement Program (TIP) and initiation of public involvement pending TXDOT's review (pgs. 16-20).
6. **Discussion and Action Item:** Regarding Resolution 2022-03 supporting Hill Country Transit District's (HCTD) Transit Asset Management/State of Good Repair Performance Measures for the region (pgs. 22-24).
7. **Discussion and Action Item:** Regarding Resolution 2022-04 supporting Hill Country Transit District's (HCTD) Public Transportation Agency Safety Plan (PTASP) targets as the MPO performance targets for the region (pgs. 26-28).
8. **Discussion and Action Item:** Regarding Resolution 2022-05 supporting April 2022 as National Distracted Driving Month (pgs. 30-32).
9. **Discussion Item:** Regarding Kimley Horn presentation on ACS Dashboard Tool (pgs. 34).
10. **Discussion Item:** Regarding FY21 Annual Project Listing (APL) (pgs. 36-52).

The Killeen-Temple Metropolitan Planning Organization is committed to compliance with the Americans with Disabilities Act (ADA). Reasonable accommodations and equal opportunity for effective communications will be provided upon request. Please contact the KTMO office at 254-770-2200 24 hours in advance if accommodation is needed. Citizens who desire to address the Board on any matter may sign up to do so prior to this meeting. Public comments will be received during this portion of the meeting. Comments are limited to 3 minutes maximum. No discussion or final action will be taken by the Board.



11. **Discussion Item:** Regarding FY21 Annual Expenditure Report (APER) (pgs. 54-80).
12. **Discussion Item:** Regarding public input received through February 2022 (pgs. 82-84).
13. Member comments.
14. Adjourn.

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Item 3:

Staff Update

Staff Update

a) Listed below are the upcoming KTMPO meetings:

- March 8, 2022 – Bicycle Pedestrian Advisory Committee
- March 16, 2022 – Transportation Planning Policy Board
- April 6, 2022 – Technical Advisory Committee
- April 20, 2022 – Transportation Planning Policy Board
- May 4, 2022 – Technical Advisory Committee
- May 18, 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).

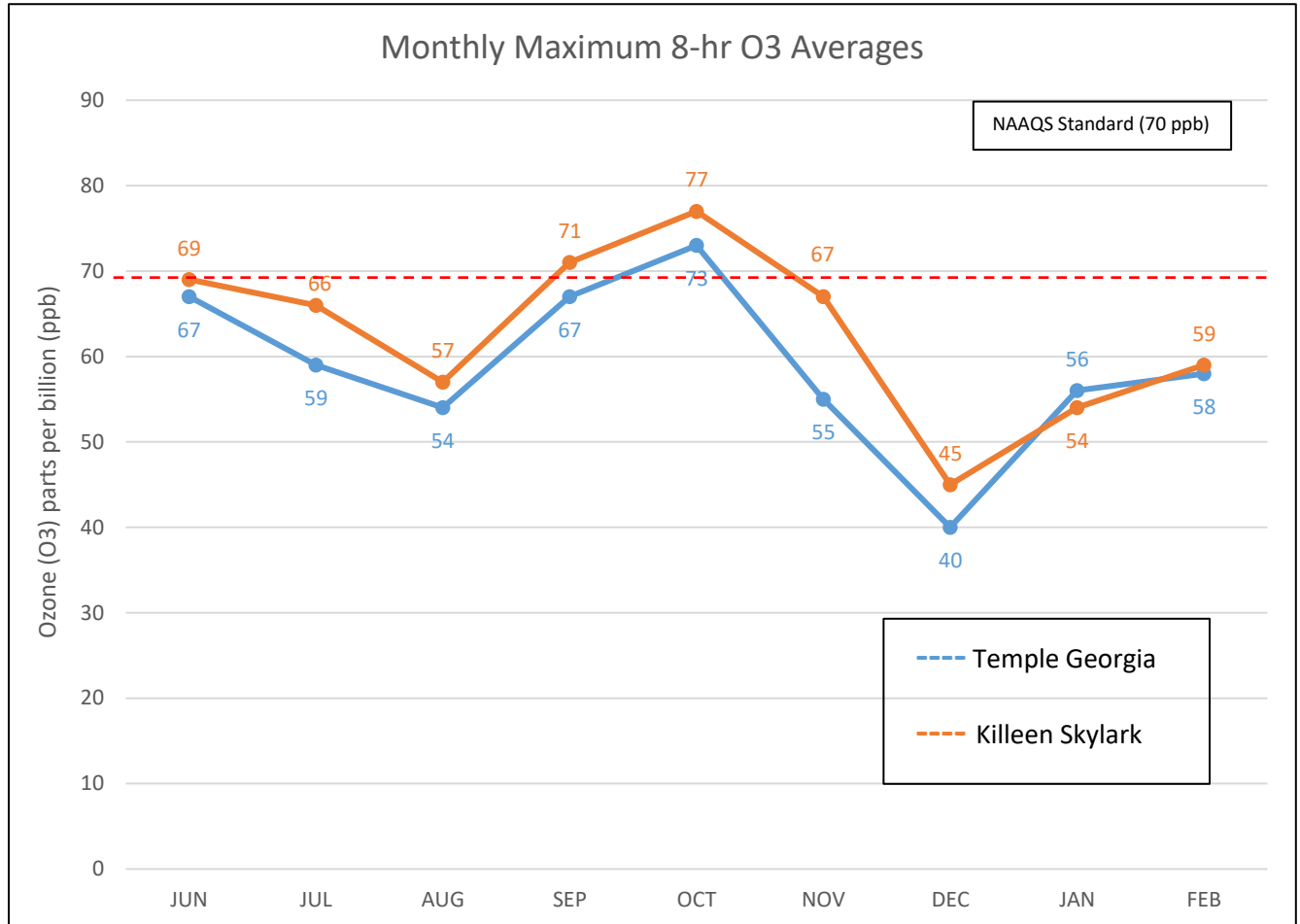
b) Other Updates:

- KTMPO will be undergoing a Federal Certification Review (FCR) during Spring 2022, staff is beginning to prepare for this.
 - *Every four years, the Secretary of the U.S. Department of Transportation (DOT) must certify that each metropolitan planning organization (MPO) serving a transportation management area (TMA) is carrying out the metropolitan planning process in adherence with federal statutes and regulations.*
 - *FTA and FHWA conduct a review of the metropolitan planning process within each TMA and jointly issue this certification on behalf of the DOT Secretary, in accordance with 49 U.S.C. 5303(k).*

c) Administrative Amendments:

- D45-02 – Troy Mays Middle School SRTS (CSJ: 0909-36-180)
 - Let date changed from 2021 to 2022
- D45-01 – W Main St/Luther Curtis Rd (CSJ: 0909-36-186)
 - Let date changed 2022 to 2023
- T40-13a – Georgetown Railroad Trails (CSJ: 0909-36-173)
 - Let date changed from 2022 to 2023
- T45-18 – SH 95 Turn Lanes (CSJ: 0320-01-079)
 - Let date changed from 2022 to 2023

d) 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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Item 4:

Meeting Minutes



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

Wednesday, February 2, 2022
9:30 AM

Electronic 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	Davis Williams for Bobby Carroll – Lampasas County
Andrew Zagars for Kent Cagle – City of Killeen	Darrell Burtner – Hill Country Transit District
Jason Deckman – City of Temple	Victor Goebel – TxDOT Waco District
	Jodie Kelly for Jason Scantling – TxDOT Brownwood

Additional Attendees

Ryan Haverlah – City of Copperas Cove	Brigida Gonzalez – TxDOT TPP
Anthony Woolstrum – City of Rogers	Mario Perez – Fort Hood
Gary Smith – City of Troy	Dan Malsom – Kimley Horn
Brenton Lane – TxDOT Waco District	Caroline Leonard – Kimley Horn
Christi Bonham – TxDOT Waco District	Lance Ballard – Kimley Horn
Amanda Mooney – TxDOT Waco District	Uryan Nelson – KTMPO
Stephen Kasberg – TxDOT Bell County Office	James McGill – KTMPO
Gary Rushing – TxDOT	Dominic Elizondo – KTMPO
Steven Beck – HCTD	Anna Olvera – CTCOG
Derek Czapnik – HCTD	Hope Geiger – CTCOG

Meeting Minutes:

- 1. Call to Order:** Uryan Nelson called the meeting to order at 9:31 a.m.
- 2. Opportunity for Public Comment:** No comments were made by the public.
- 3. Staff Update:** Meeting Schedule; Other Updates; Administrative Amendments; Air Quality.

Uryan Nelson informed the TAC of upcoming KTMPO meetings through April and stated that the March meetings are tentatively planned to be in person at this time. Mr. Nelson reminded the TAC that staff are preparing for the Federal Certification Review (FCR) that KTMPO will be undergoing in the spring. Mr.

Nelson notified the members of three administrative amendments to project let dates. Maximum ozone air quality readings for the month of January were 56 parts per billion (ppb) at the Temple station and 54 ppb at the Killeen station.

4. Action Item: Approve minutes from the January 5, 2022 meeting.

David Williams noticed a clerical error in the minutes date.

Bobby Lewis made a motion to approve the January 5, 2022 meeting minutes with the corrected date, seconded by Jason Deckman; the motion passed unanimously.

5. Discussion and Action Item: Regarding Resolution 2022-02 supporting Safety Performance Measure Targets (PM1) for the region.

Bob van Til and Jason Deckman expressed some concerns with approving “higher” safety targets that could appear to be condoning traffic injuries and fatalities in the transportation system. Mr. Deckman recommended to add a clause to the resolution stating that the MPO supports the ultimate statewide goal of zero traffic fatalities and Mr. van Til concurred.

David Williams made a motion to recommend approval of Resolution 2022-02 supporting Safety Performance Measure Targets (PM1) for the region with the clause recommendation, seconded by Bob van Til; the motion passed unanimously.

6. Discussion Item: Regarding review of Draft FY23-26 Transportation Improvement Program (TIP).

James McGill informed the TAC that staff has begun development of the FY23-26 TIP and is planning to add projects for FY25-26. Mr. McGill shared a tentative development schedule and how much funding was estimated to be available for additional projects. The floor opened for discussion.

Multiple TAC members shared thoughts on project readiness and which projects they felt most deserving to be added to the TIP. Projects discussed included Belton’s E 6th Ave project, Killeen’s Chaparral Rd Phase 1, Copperas Cove’s SH 9 Offramp, and Temple’s Georgetown Railroad Trail Phase 2.

7. Discussion Item: Regarding Kimley Horn presentation on Dashboard Safety Tool.

Dan Malsom and Caroline Leonard with Kimley Horn presented the KMTPO Safety Tool Dashboard to the members and gave a brief training on how to navigate the dashboard.

8. Discussion Item: Regarding public input received through January 2022.

Public input received through January 2022 was presented to the TAC. No new comments were submitted since the last meeting.

9. Member Comments:

Jason Deckman updated the group on Temple’s Mobility Master Plan progress. Uryan Nelson shared that staff was monitoring new grant programs from the BIL to potentially fund KTMPO projects.

10. Adjourn: The meeting adjourned at 10:34 a.m.

These meeting minutes were approved by TAC at their _____ meeting.

Uryan Nelson, KTMPO Director

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Item 5:
Draft FY23-26 TIP

Development of the FY 23-26 Transportation Improvement Program (TIP)

The Transportation Improvement Program (TIP) is a 4-year transportation planning document that includes a detailed listing of projects reasonably expected to be let within a four-year period. The TIP is to be updated every two years with the last update occurring in 2020. The current TIP covers FY21 through FY24.

Projects included in the TIP must be consistent with the Metropolitan Transportation Plan (MTP) and are chosen based on regional priority and available funding. The TxDOT Waco District and KTMP have begun coordinating to complete a draft FY23-26 TIP using the latest 2022 Unified Transportation Plan (UTP) forecasts for Category Distribution.

A draft version of the FY23-26 TIP is included in the packet for your review along with the previously discussed funding scenario for new projects.

The final FY23-26 TIP must be submitted to TxDOT by June 10, 2022. A timeline for the STIP is included in your packet for review and the proposed schedule for the KTMP TIP is provided below.

Schedule:

- January 19, 2022 – TPPB review of FY23-26 TIP timeline; for discussion only;
- February 2, 2022 – TAC review of draft FY23-26 TIP; for discussion only;
- February 16, 2022 – TPPB review of draft FY23-26 TIP; for discussion only;
- **March 2, 2022 – TAC recommends approval of draft FY23-26 TIP and initiation of the public involvement process once KTMP receives approval from TxDOT;**
- March 16, 2022 – TPPB approves draft FY23-26 TIP and initiates public involvement process once KTMP receives approval from TxDOT;
- April 9, 2022 - May 8, 2022 – 30 day public comment period (Tentative);
 - Date TBD – Two Public Hearings;
- May 4, 2022 – TAC recommends approval of FY23-26 TIP (pending public comments);
- May 18, 2022 – TPPB approves FY23-26 TIP;
- June 10, 2022 – KTMP submits FY23-26 TIP to TxDOT.

Action Needed: Recommend approval of draft FY23-26 TIP and initiation of the public involvement process once KTMP receives approval from TxDOT.

FY25-26 UTP Estimates	Cat 2	Cat 7	Cat 9
	\$39,033,535	\$13,068,577	\$788,020

Alternative #3						
MPO ID	Priority Rank	Project Name	Estimated Cost	Funding Category	Programmed Amount	Let Date
W35-01	3	US 190 Bypass	\$72,464,000	2	\$35,514,000	2025
C45-02	6	SH 9 Offramp	\$1,960,000	2	\$1,960,000	2025
K30-13a	1	Chaparral Rd Phase 1	\$12,880,000	7	\$10,304,000	2026
B45-02	2	E 6th Ave Sidewalk	\$2,550,480	7	\$2,040,384	2026

New TIP Sheets

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
BROWNWOOD	Lampasas	0231-01-003	US 190	2025	C	Copperas Cove	TxDOT	\$5,264,000
LIMITS FROM:	0.6 mi. W of FM 2657							
LIMITS TO:	Coryell County Line					REVISION DATE:	May-22	
DESCRIPTION:	Widen from two to four lane divided highway and construct interchange.					MPO ID:	W35-01	
						FUNDING CATEGORY:	2M	
REMARKS:	Part 1 of the US 190 Bypass Project (W35-01)					PROJECT HISTORY:	December 2018 KTMO selected project; originally in the FY21-24 TIP, but moved out due to fiscal constraint issues	
TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:		AUTHORIZED FUNDING BY CATEGORY				
PRELIMINARY ENGINEERING:	\$230,300			CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT: TOTAL:
RIGHT OF WAY:	\$0			2M	\$4,211,200	\$1,052,800		\$5,264,000
CONSTRUCTION:	\$5,264,000	\$5,264,000						
CONSTRUCTION ENGINEERING:	\$0			TOTAL	\$4,211,200	\$1,052,800	\$0	\$0 \$5,264,000
CONTINGENCIES:	\$0							
INDIRECTS:	\$0							
BOND FINANCING:	\$0							
TOTAL PROJECT COST (YOE):	\$5,494,300							

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Coryell	0231-19-003	US 190	2025	C	Copperas Cove	TxDOT	\$60,480,000
LIMITS FROM:	Coryell County Line							
LIMITS TO:	US 190 W of Clarke Rd					REVISION DATE:	May-22	
DESCRIPTION:	Widen from two to four lane divided highway and construct interchange.					MPO ID:	C45-02	
						FUNDING CATEGORY:	2M	
REMARKS:	Part 2 of the US 190 Bypass Project (W35-01)					PROJECT HISTORY:	December 2018 KTMO selected project; originally in the FY21-24 TIP, but moved out due to fiscal constraint issues	
TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:		AUTHORIZED FUNDING BY CATEGORY				
PRELIMINARY ENGINEERING:	\$1,925,700			CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT: TOTAL:
RIGHT OF WAY:	\$206,000			2M	\$18,824,000	\$4,706,000		\$23,530,000
CONSTRUCTION:	\$60,480,000	\$60,480,000		4U	\$29,560,000	\$7,390,000		\$36,950,000
CONSTRUCTION ENGINEERING:	\$0			TOTAL	\$48,384,000	\$12,096,000	\$0	\$0 \$60,480,000
CONTINGENCIES:	\$0							
INDIRECTS:	\$0							
BOND FINANCING:	\$0							
TOTAL PROJECT COST (YOE):	\$62,611,700							

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Coryell	0231-02-067	US 190	2025	C	Copperas Cove	TxDOT	\$6,720,000
LIMITS FROM:	SH 9							
LIMITS TO:	Business 190					REVISION DATE:	May-22	
DESCRIPTION:	Construct Interchange					MPO ID:	C45-02	
						FUNDING CATEGORY:	2M	
REMARKS:	Part 3 of the US 190 Bypass Project (W35-01)					PROJECT HISTORY:	December 2018 KTMO selected project; originally in the FY21-24 TIP, but moved out due to fiscal constraint issues	
TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:		AUTHORIZED FUNDING BY CATEGORY				
PRELIMINARY ENGINEERING:	\$323,370			CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT: TOTAL:
RIGHT OF WAY:	\$0			2M	\$5,376,000	\$1,344,000		\$6,720,000
CONSTRUCTION:	\$6,720,000	\$6,720,000						
CONSTRUCTION ENGINEERING:	\$0			TOTAL	\$5,376,000	\$1,344,000	\$0	\$0 \$6,720,000
CONTINGENCIES:	\$0							
INDIRECTS:	\$0							
BOND FINANCING:	\$0							
TOTAL PROJECT COST (YOE):	\$7,043,370							

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Coryell		SH 9	2025	C	Copperas Cove	Copperas Cove	\$1,960,000
LIMITS FROM:	SH 9							
LIMITS TO:	Business 190					REVISION DATE:	May-22	
DESCRIPTION:	Construct an interchange turnaround from eastbound SH 9 to westbound Business 190					MPO ID:	C45-02	
						FUNDING CATEGORY:	2M	
REMARKS:						PROJECT HISTORY:	March 2022 KTMO selected project	
TOTAL PROJECT COST INFORMATION:			COST OF APPROVED PHASES:			AUTHORIZED FUNDING BY CATEGORY		
PRELIMINARY ENGINEERING:	\$143,132			CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT: TOTAL:
RIGHT OF WAY:	\$300,000			2M	\$1,568,000	\$392,000		\$1,960,000
CONSTRUCTION:	\$1,960,000	\$1,960,000						
CONSTRUCTION ENGINEERING:	\$143,131			TOTAL	\$1,568,000	\$392,000	\$0	\$0 \$1,960,000
CONTINGENCIES:	\$176,162							
INDIRECTS:	\$0							
BOND FINANCING:	\$0							
TOTAL PROJECT COST (YOE):	\$2,722,425							

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Bell	0909-36-175	CS	2026	C	Killeen	Killeen	\$12,880,000
LIMITS FROM:	SH 195							
LIMITS TO:	E Trimmier Rd					REVISION DATE:	May-22	
DESCRIPTION:	Widen Chaparral Rd between SH 195 and E Trimmier Rd from 2 lanes to 4 lanes with a continuous center turn lane. Add 8 ft bicycle lane and 5 ft sidewalk or Shared Use Path on both sides of the road					MPO ID:	K30-13a	
						FUNDING CATEGORY:	7	
REMARKS:		Chaparral Rd Phase 1				PROJECT HISTORY:	March 2022 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	\$10,304,000	\$0	\$2,576,000	\$12,880,000
CONSTRUCTION:	\$12,880,000	\$12,880,000						
CONSTRUCTION ENGINEERING:	\$0			TOTAL	\$10,304,000	\$0	\$2,576,000	\$0 \$12,880,000
CONTINGENCIES:	\$0							
INDIRECTS:	\$0							
BOND FINANCING:	\$0							
TOTAL PROJECT COST (YOE):	\$12,880,000							

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Bell		CS	2026	C	Belton	Belton	\$2,550,480
LIMITS FROM:	Main St (SH 317)							
LIMITS TO:	IH-35					REVISION DATE:	May-22	
DESCRIPTION:	Construct 5 ft sidewalks along both sides of E 6 th Ave (FM 93) from Main St (SH 317) to IH-35					MPO ID:	B45-02	
						FUNDING CATEGORY:	7	
REMARKS:						PROJECT HISTORY:	March 2022 KTMO selected project	
TOTAL PROJECT COST INFORMATION:			COST OF APPROVED PHASES:			AUTHORIZED FUNDING BY CATEGORY		
PRELIMINARY ENGINEERING:	\$276,000			CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT: TOTAL:
RIGHT OF WAY:	\$0			7	\$2,040,384		\$510,096	\$2,550,480
CONSTRUCTION:	\$2,550,480	\$2,550,480						
CONSTRUCTION ENGINEERING:	\$275,000			TOTAL	\$2,040,384	\$0	\$510,096	\$0 \$2,550,480
CONTINGENCIES:	\$510,096							
INDIRECTS:	\$0							
BOND FINANCING:	\$0							
TOTAL PROJECT COST (YOE):	\$3,611,576							

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Item 6:

Resolution 2022-03:

State of Good Repair

Performance Targets

Transit Asset Management / State of Good Repair Performance Targets

The Transit Asset Condition Performance Rule, found in 49 CFR 625.43, establishes performance measures to assess the condition of regional transit networks as defined as State of Good Repair (SOGR) and documented in a transit agency's Transit Asset Management Plan (TAMP).

HCTD evaluates all assets annually using SOGR ratings and their useful life benchmark (ULB) in the TAMP and utilizes the data as part of their overall maintenance strategy and to determine compliance with performance benchmarks.

KTMPO initially adopted Hill Country Transit District (HCTD) State of Good Repair performance targets and objectives for urban and rural systems as the MPO performance targets for the region on June 21, 2017 as required under Federal Transit Administration's (FTA) Transit Asset Management (TAM) Final Rule.

KTMPO approved adoption of the HCTD State of Good Repair performance targets again in January 2019, February 2020, and March 2021 as required by law.

The 2022 TAMP Annual Report and Resolution 2022-03, supporting the adoption of SOGR targets for the region are included in the meeting packet for review.

Action Needed: Recommend approval of Resolution 2022-03 supporting HCTD's State of Good Repair performance targets for the region.



RESOLUTION NO. 2022-03

A RESOLUTION OF THE KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION ANNUAL ADOPTION OF TARGETS FOR FEDERAL TRANSIT ADMINISTRATION TRANSIT ASSET MANAGEMENT PERFORMANCE MEASURES ESTABLISHED BY THE TEXAS DEPARTMENT OF TRANSPORTATION.

WHEREAS; Hill Country Transit District (HCTD) serves as the transit operator and designated recipient for federal transit funding within the urban service area; and

WHEREAS; HCTD established State of Good Repair performance targets and objectives for both their urban and rural systems in their Transit Asset Management Plan (TAMP) as required under the Transit Asset Management (TAM) Final Rule by the Federal Transit Administration (FTA); and

WHEREAS; the TAMP supports the basic objective of ensuring all equipment is in a State of Good Repair (SOGR) and is utilized as a tool to guide HCTD asset maintenance decisions; and

WHEREAS; and all HCTD assets including, fleet vehicles, maintenance equipment, and facilities are evaluated using SOGR Ratings; and

WHEREAS; the performance target is to have less than 30% of the assets within each group exceed their useful life benchmark (ULB); and

NOW, THEREFORE, BE IT RESOLVED that the Killeen-Temple Metropolitan Planning Organization (KTMP) Transportation Planning Policy Board has agreed to adopt HCTD's State of Good Repair urban and rural performance targets identified in the TAMP as the MPO performance targets for the region for 2022; and

WHEREAS; the KTMP Policy Board authorizes future revisions of HCTD's TAMP to be administratively approved by KTMP and presented to the Technical Advisory Committee and Policy Board; and

BE IT FURTHER RESOLVED that the KTMP Policy Board will plan and program projects that contribute to the accomplishment of said targets.

PASSED AND ADOPTED on this 16th day of March 2022, at a regular meeting of the KTMP Policy Board, which was held in compliance with the Open Meetings Act, Texas Government Code, 551.001, *et seq.*, and at which meeting a quorum was present and voting.

ATTEST:

Mayor Spencer H. Smith, KTMP TPPB Chair

Uryan Nelson, KTMP Director

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Item 7:

Resolution 2022-04:

PTASP Performance Targets

Public Transit Agency Safety Plan (PTASP) Performance Targets

The Transit Safety Performance Rule, found in 49 CFR 673.11, establishes performance measures to assess the safety management systems of regional transit networks documented in a transit agency's Public Transit Agency Safety Plan (PTASP). These performance targets measure the safety management activities an agency undertakes and evaluate how well agency's safety management systems are performing.

KTMPPO initially adopted Hill Country Transit District (HCTD) Safety Performance Targets and objectives for the transit system as the MPO performance targets for the region on December 16, 2020 as required under Federal Transit Administration's (FTA) Public Transit Agency Safety Plan (PTASP) Final Rule.

HCTD has not changed the original PTASP and is still being implemented as described in the plan. That plan is still certified by FTA and is currently scheduled to be recertified by HCTD at the end of March.

HCTD's current PTASP and Resolution 2022-04, supporting the adoption of safety performance targets for the region are included in the meeting packet for review.

Action Needed: Recommend approval of Resolution 2022-04 supporting HCTD's transit system safety performance targets for the region.



RESOLUTION NO. 2022-04

A RESOLUTION OF THE KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION (KTMPPO) IN SUPPORT OF THE ADOPTION OF HILL COUNTRY TRANSIT DISTRICT'S PUBLIC TRANSPORTATION AGENCY SAFETY PLAN (PTASP) AND RESPECTIVE PERFORMANCE TARGETS.

WHEREAS; United States Code, Title 49. Transportation, Subtitle III General and Intermodal Programs, Chapter 53 Public Transportation, Section 5307 Urbanized Area Formula Grants provides that public transportation agencies prepare and maintain an agency safety plan. On July 19, 2018, Federal Transit Administration (FTA) published the Public Transportation Agency Safety Plan (PTASP) Final Rule, which requires certain operators of public transportation systems that receive federal funds under FTA's Urbanized Area Formula Grants to develop safety plans that include the processes and procedures to implement Safety Management Systems (SMS); and

WHEREAS; Hill Country Transit District (HCTD) serves as the transit operator and designated recipient for federal transit funding within the urban service area and has published a PTASP as required by FTA; and

WHEREAS; the KTMPPO, which serves as the metropolitan planning organization (MPO) for the Killeen-Temple Metropolitan Area, has the responsibility under the provisions of Fixing America's Surface Transportation (FAST) Act for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the Metropolitan Area; and

WHEREAS; pursuant to KTMPPO's responsibilities as the MPO for the region must agree with such PTASP, concur in the performance targets, and accept such targets as being applicable to the Hill County Transit District in the Killeen-Temple Metropolitan Area; and

NOW, THEREFORE, BE IT RESOLVED that the Killeen-Temple Metropolitan Planning Organization (KTMPPO) Transportation Planning Policy Board agrees to support and adopt the Hill Country Transit District PTASP and associated performance targets as the MPO performance targets for the region and reflect these targets in the Transportation Improvement Program and Metropolitan Transportation Plan; and

BE IT FURTHER RESOLVED that the KTMPPO Policy Board will plan and program projects that contribute to the accomplishment of said targets.

PASSED AND ADOPTED on this 16th day of March 2022, at a regular meeting of the KTMPPO Policy Board meeting which was held in compliance with the Open Meetings Act, Texas Government Code, 551.001, *et seq.*, and at which meeting a quorum was present and voting.

ATTEST:

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Item 8:

Resolution 2022-05:

**National Distracted Driving
Awareness Month – April 2022**

National Distracted Driving Awareness Month

The National Highway Traffic Safety Administration (NHTSA), in partnership with the US Department of Transportation (DOT), state DOT's, and other national safety organizations promotes April as National Distracted Driving Month.

Distracted driving has become a major issue since the turn of the century driven mostly by the increase in prevalence of cell phones. This issue has quickly become one of the most dangerous traffic safety hazards in the country creating a need to be frequently addressed and combatted against however possible.

For more information: [NHTSA - Distracted Driving](#)

Attached to this meeting packet is a resolution supporting National Distracted Driving Month and the safe operation of vehicles in Texas. KTMPPO encourages area cities to also support and promote National Distracted Driving Month as deemed appropriate in accordance with city and county orders.

Resolution 2022-05, supporting April 2022 as National Distracted Driving Awareness Month is included in the meeting packet for review.

Action Needed: Recommend approval of Resolution 2022-05 supporting April 2022 as National Distracted Driving Awareness Month.



RESOLUTION NO. 2022-05

**A RESOLUTION OF THE KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION
SUPPORTING APRIL 2022 AS NATIONAL DISTRACTED DRIVING MONTH**

- WHEREAS;** The National Highway Traffic Safety Administration (NHTSA) has declared the month of April 2022 as National Distracted Driving Month; and
- WHEREAS;** distracted driving is any activity that diverts attention from driving, including talking or texting on your phone, eating and drinking, talking to people in your vehicle, adjusting the entertainment or navigation system; and
- WHEREAS;** you cannot drive safely unless the task of driving has your full attention and any non-driving activity is a potential distraction and increases your risk of crashing; and
- WHEREAS;** distracted driving killed 3,142 people in 2019, an increase of 10% from 2018; and
- WHEREAS;** distracted driving is the No. 2 reason for traffic related crashes on Texas roadways causing 1 in 5 crashes in 2020 in which 364 people died and 2,200 were seriously injured; and
- WHEREAS;** since September 1, 2017 it has been illegal to read, write, or send a text while driving in Texas, with fines of up to \$200 for violators; and
- WHEREAS;** the Texas Department of Transportation (TxDOT) is fully committed to ending all traffic related deaths on Texas roads and is reminding all Texans to put their phones down and give driving their full attention whenever they are behind the wheel;
- NOW, THEREFORE, BE IT RESOLVED** that the Killeen-Temple Metropolitan Planning Organization hereby recognizes and supports the month of April 2022 as National Distracted Driving Month.
- BE IT FURTHER RESOLVED** that the Killeen-Temple Metropolitan Planning Organization urges all motorists to put down their phones and focus solely on the task of driving while operating a vehicle for their safety and the safety of those around them.
- PASSED AND ADOPTED** on this 16th day of March 2022 at a regular meeting of the KTMPO Policy Board, which was held in compliance with the Open Meetings Act, Texas Government Code, 551.001, *et seq.*, and at which a quorum was present and voting.

ATTEST:

Mayor Spencer H. Smith, Chair

Uryan Nelson, KTMPO Director

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Item 9:

**ACS Dashboard Tool
Presentation**

Kimley Horn ACS (Census) Dashboard Tool

In November, KTMPO began working with Kimley Horn to develop an MPO Dashboard. The purpose of this project is to make transportation related planning information available to policy makers, planners, and the public. The dashboard will also house federally required performance measure data and create a better way for the public to engage with MPO planning process.

Kimley Horn has created a plan to develop the various “tools” of the dashboard in phases and will present draft versions of each “tool” over the coming months.

Today, they will give a presentation and introduction to the American Community Services (ACS) Census tool.

Link: [KTMPPO Census Dashboard](#)

Action Needed: No action needed; for discussion only.

Item 10:

FY21 APL

FY21 Annual Project Listing (APL)

Each Fiscal Year (FY), all MPO's are required by TxDOT to submit a listing of all projects completed in their region during that FY. This listing includes added capacity, maintenance, and bridge projects.

The attached report contains the FY21 Annual Project Listing for the KTMPO region.

Action Needed: No action needed; for discussion only.



2021 Annual Project Listing (APL) Summary

FY 2021 Annual Project Listing

Killeen-Temple Metropolitan Planning Organization

Federal Obligations Summary				
Project Type	Quantity	FHWA	FTA	Total
Highway	6	\$64,070,228.54		\$64,070,228.54
Bicycle and Pedestrian	5	\$4,032,870.38		\$4,032,870.38
Grouped	9	\$18,214,879.93		\$18,214,879.93
Transit	6		\$5,522,065	\$5,522,065.00
Total Federal Obligations	26	\$86,317,978.85	\$5,522,065	\$91,840,043.85

Highway Projects Summary

Federal-Aid Project Number:
1102054

CSJ Number:	MPO Project ID:	Sponsor:	Phase of Work:
0231-03-129	W30-27 / K30-01	TxDOT / Killeen	C, E

Project Name/Facility:	Limits:	Funding Categories:
US 190	From: .2 Mi E of FM 3470	3PTF
	To: .3 Mi W of FM 2410	

Project Description:
Construct overpass at Rosewood Dr

Amount of Federal Funding Programmed in MPO TIP: \$ 0.00

Federal-Aid Project Number:
1102054

CSJ Number:	MPO Project ID:	Sponsor:	Phase of Work:
2304-02-035	H15-02	Harker Heights	C, E

Project Name/Facility:	Limits:	Funding Categories:
FM 2410	From: FM 3470	3PTF
	To: Roy Reynolds Drive	

Project Description:
Widen from 2 to 4 lanes with continuous left turn

Amount of Federal Funding Programmed in MPO TIP: \$ 0.00

Amount of Federal Funding Obligated in Fiscal Year: \$ 806,000.00

Amount of Federal Funding Remaining and Available for Subsequent Years: \$ 0.00

Federal-Aid Project Number:
2012125

CSJ Number:	MPO Project ID:	Sponsor:	Phase of Work:
0320-06-001	T15-01	Temple	C, E

Project Name/Facility:	Limits:	Funding Categories:
LP 363	From: IH 35 NORTH OF TEMPLE	12, LC
	To: SH 53	

Project Description:
CONSTRUCT NORTHBOUND FRONTAGE ROAD TO PROVIDE INTERIM 4-LANE DIVIDED HWY & ADD OVERPASS AT WENDLAND DR & AT SH 36/SH 53

Amount of Federal Funding Programmed in MPO TIP: \$ 16,000,000.00

Amount of Federal Funding Obligated in Fiscal Year: \$ 1,024,228.54

Amount of Federal Funding Remaining and Available for Subsequent Years: \$ 0.00

Federal-Aid Project Number: 2019599			
CSJ Number: 0185-01-030	MPO Project ID: W35-12	Sponsor: TxDOT	Phase of Work: C
Project Name/Facility: US 190	Limits: From: 2.0 MI S of FM 436 in Heidenheimer To: Milam C/L		Funding Categories: 4
Project Description: Widen from 2 lane to 4 lane divided rural highway			
Amount of Federal Funding Programmed in MPO TIP:			\$ 50,240,000.00

Federal-Aid Project Number: 2019599			
CSJ Number: 0185-02-036	MPO Project ID:	Sponsor: TxDOT	Phase of Work: C
Project Name/Facility: US 190	Limits: From: THE BELL COUNTY LINE To: 2.0 MI.EAST OF THE BELL COUNTY LINE		Funding Categories: 12
Project Description: WIDEN FROM 2 LANE TO 4 LANE DIVIDED RURAL			
Amount of Federal Funding Programmed in MPO TIP:			\$ 11,360,000.00
Amount of Federal Funding Obligated in Fiscal Year:			\$ 11,000,000.00
Amount of Federal Funding Remaining and Available for Subsequent Years:			\$ 0.00

Federal-Aid Project Number: 2021228			
CSJ Number: 0231-03-152	MPO Project ID: W45-01	Sponsor: TxDOT	Phase of Work: C
Project Name/Facility: IH 14	Limits: From: Coryell County Line To: FM 3423 (Indian Trail)		Funding Categories: 2M
Project Description: Construction of fiber optics, traffic cameras, and dynamic message boards			
Amount of Federal Funding Programmed in MPO TIP:			\$ 4,960,000.00
Amount of Federal Funding Obligated in Fiscal Year:			\$ 1,000,000.00
Amount of Federal Funding Remaining and Available for Subsequent Years:			\$ 0.00

Bike Projects Summary

Federal-Aid Project Number:
2020839

CSJ Number:	MPO Project ID:	Sponsor:	Phase of Work:
1835-02-059	T40-12	Temple	C

Project Name/Facility:	Limits:	Funding Categories:
FM 1741	From: WEST AVENUE A	10, LC
	To: BLUE MEADOW DRIVE	

Project Description:
CONSTRUCTION OF SIDEWALKS TO FILL IN GAPS IN PEDESTRIAN NETWORK ALONG FM 1741 (31ST STREET)

Amount of Federal Funding Programmed in MPO TIP: \$ 594,881.00

Amount of Federal Funding Obligated in Fiscal Year: \$ 1,901,290.38

Amount of Federal Funding Remaining and Available for Subsequent Years: \$ 0.00

Federal-Aid Project Number:
2021358

CSJ Number:	MPO Project ID:	Sponsor:	Phase of Work:
0184-03-039	T40-15	Temple	C

Project Name/Facility:	Limits:	Funding Categories:
SH 53	From: IH-35	
	To: Spur 290	

Project Description:
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 connection to existing sidewalks at bridges

Amount of Federal Funding Programmed in MPO TIP: \$ 298,435.00

Federal-Aid Project Number:
2021358

CSJ Number:	MPO Project ID:	Sponsor:	Phase of Work:
0232-01-053	T40-15	Temple	C

Project Name/Facility:	Limits:	Funding Categories:
SH 53	From: Spur 290	
	To: Martin Luther King Jr. Blvd	

Project Description:
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 connection to existing sidewalks at bridges

Amount of Federal Funding Programmed in MPO TIP: \$ 84,174.00

Amount of Federal Funding Obligated in Fiscal Year: \$ 810,548.00

Amount of Federal Funding Remaining and Available for Subsequent Years: \$ 0.00

Federal-Aid Project Number:			
2021760			
CSJ Number:	MPO Project ID:	Sponsor:	Phase of Work:
0909-36-180	D45-02	Troy	C, E
Project Name/Facility:	Limits:		Funding Categories:
VA	From: On Lee Mays Blvd and Luther Curtis Rd		
	To: Raymond Mays Middle School		
Project Description:			
Construct 0.2 miles of accessible sidewalks with crosswalks and ADA ramps along Lee Mays Blvd and Luther Curtis Rd ending at Raymond Mays MS			
Amount of Federal Funding Programmed in MPO TIP:			\$ 0.00
Amount of Federal Funding Obligated in Fiscal Year:			\$ 73,991.00
Amount of Federal Funding Remaining and Available for Subsequent Years:			\$ 0.00

Federal-Aid Project Number:			
2021786			
CSJ Number:	MPO Project ID:	Sponsor:	Phase of Work:
0909-36-167	N40-04	Nolanville	C
Project Name/Facility:	Limits:		Funding Categories:
CS	From: Park (North Mesquite) Along Ave H		
	To: 10th Street		
Project Description:			
Construct ADA compliant sidewalks, ramps, and crosswalks along Mesquite St. beginning at the Park to E Avenue H and from E Avenue H to 10th St			
Amount of Federal Funding Programmed in MPO TIP:			\$ 0.00
Amount of Federal Funding Obligated in Fiscal Year:			\$ 1,247,041.60
Amount of Federal Funding Remaining and Available for Subsequent Years:			\$ 0.00

Grouped Projects Summary

Federal-Aid Project Number:
1902272

CSJ Number:	MPO Project ID:	Sponsor:	Phase of Work:
1835-02-056		TxDOT	C

Project Name/Facility:	Limits:	Funding Categories:
FM 1741	From: WATERS DAIRY RD	1
	To: SH 53	

Project Description:
MILL AND OVERLAY

Amount of Federal Funding Programmed in MPO TIP: \$ 1,358,450.61

Amount of Federal Funding Obligated in Fiscal Year: \$ 1,358,450.61

Amount of Federal Funding Remaining and Available for Subsequent Years: \$ 0.00

Federal-Aid Project Number:
2009531

CSJ Number:	MPO Project ID:	Sponsor:	Phase of Work:
0015-06-071	T15-06B	TxDOT	C, E, R

Project Name/Facility:	Limits:	Funding Categories:
IH 35	From: AMITY ROAD	4
	To: US 190	

Project Description:
RECONSTRUCT AND WIDEN FROM FOUR TO SIX LANES TO REDUCE CONGESTION AND ENHANCE SAFETY

Amount of Federal Funding Programmed in MPO TIP: \$ 2,752,457.33

Amount of Federal Funding Obligated in Fiscal Year: \$ 2,752,457.33

Amount of Federal Funding Remaining and Available for Subsequent Years: \$ 0.00

Federal-Aid Project Number:
2019313

CSJ Number:	MPO Project ID:	Sponsor:	Phase of Work:
2136-01-015	PH-3	TxDOT	C

Project Name/Facility:	Limits:	Funding Categories:
FM 2268	From: @ CAMPBELL BRANCH	6
	To: (STR #004)	

Project Description:
REPLACE BRIDGE AND APPROACHES

Amount of Federal Funding Programmed in MPO TIP: \$ 970,629.10

Amount of Federal Funding Obligated in Fiscal Year: \$ 970,629.10

Amount of Federal Funding Remaining and Available for Subsequent Years: \$ 0.00

Federal-Aid Project Number: 2019837			
CSJ Number: 0015-05-050	MPO Project ID:	Sponsor: TxDOT	Phase of Work: C
Project Name/Facility: SH 317	Limits: From: FM 93 To: 0.25 MI S OF FM 93		Funding Categories: 8
Project Description: IMPROVE AND INTERCONNECT TRAFFIC SIGNALS			
Amount of Federal Funding Programmed in MPO TIP:			\$ 595,118.96
Amount of Federal Funding Obligated in Fiscal Year:			\$ 595,118.96
Amount of Federal Funding Remaining and Available for Subsequent Years:			\$ 0.00

Federal-Aid Project Number: 2019937			
CSJ Number: 0836-02-076	MPO Project ID:	Sponsor: TxDOT	Phase of Work: C
Project Name/Facility: SH 195	Limits: From: 0.2 MI S OF FM 3470 To: 0.7 MI N OF SH 201		Funding Categories: 8
Project Description: HAZARD ELIMINATION & SAFETY			
Amount of Federal Funding Programmed in MPO TIP:			\$ 201,374.27
Amount of Federal Funding Obligated in Fiscal Year:			\$ 201,374.27
Amount of Federal Funding Remaining and Available for Subsequent Years:			\$ 0.00

Federal-Aid Project Number: 2020191			
CSJ Number: 0398-01-042	MPO Project ID:	Sponsor: TxDOT	Phase of Work: C
Project Name/Facility: FM 56	Limits: From: @CR 3350 To: .		Funding Categories: 1, 8
Project Description: INCREASE SUPERELEVATION			
Amount of Federal Funding Programmed in MPO TIP:			\$ 1,466,878.88
Amount of Federal Funding Obligated in Fiscal Year:			\$ 1,466,878.88
Amount of Federal Funding Remaining and Available for Subsequent Years:			\$ 0.00

Federal-Aid Project Number:
2020934

CSJ Number:	MPO Project ID:	Sponsor:	Phase of Work:
0909-36-164		TxDOT	C

Project Name/Facility:	Limits:	Funding Categories:
CS	From: DOT #024 487 E	8
	To: 25TH STREET TEMPLE,TX RRMP 218.980	

Project Description:
UPGRADE RR CROSSING SIGNALS FEDERAL SAFETY PROGRAM (FSP)

Amount of Federal Funding Programmed in MPO TIP: \$ 135,009.90

Amount of Federal Funding Obligated in Fiscal Year: \$ 135,009.90

Amount of Federal Funding Remaining and Available for Subsequent Years: \$ 0.00

Federal-Aid Project Number:
2022089

CSJ Number:	MPO Project ID:	Sponsor:	Phase of Work:
0054-06-107		TxDOT	C

Project Name/Facility:	Limits:	Funding Categories:
US 67	From: BEAVER STREET	1
	To: 0.1 MI. E. OF CR 153	

Project Description:
PREVENTIVE MAINTENANCE

Amount of Federal Funding Programmed in MPO TIP: \$ 4,685,539.40

Amount of Federal Funding Obligated in Fiscal Year: \$ 4,685,539.40

Amount of Federal Funding Remaining and Available for Subsequent Years: \$ 0.00

Federal-Aid Project Number:
2B20310

CSJ Number:	MPO Project ID:	Sponsor:	Phase of Work:
0007-04-124		TxDOT	C

Project Name/Facility:	Limits:	Funding Categories:
SH 6	From: AMMERMAN STREET	1
	To: SH 112	

Project Description:
PREVENTIVE MAINTENANCE

Amount of Federal Funding Programmed in MPO TIP: \$ 6,049,421.48

Amount of Federal Funding Obligated in Fiscal Year: \$ 6,049,421.48

Amount of Federal Funding Remaining and Available for Subsequent Years: \$ 0.00

Transit Projects Summary

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION
FY 2021 Annual Project Listing

Transit Projects

General Project Information

Project Sponsor	Hill Country Transit District	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal Costs	\$2,299,879
		State Costs	375,133
		Other/Local Costs	84,648
Apportionment Year	2021	Total	\$2,759,660
Project Phase	Operations		
Brief Project Description	Operating activities for HCTD K/CC/HH	Total Project Cost	\$2,759,660
		Trans. Dev. Credits	\$0

Amount of Federal obligated in program year 2021: \$2,299,879

FY19 Formula \$375,961/CARES \$1,923,918

General Project Information

Project Sponsor	Hill Country Transit District	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal Costs	\$661,879
		State Costs	40,000
		Other/Local Costs	8
Apportionment Year	2021	Total	\$701,887
Project Phase	Operations		
Brief Project Description	Capital Preventive Maintenance for HCTD K/CC/HH	Total Project Cost	\$701,887
		Trans. Dev. Credits	\$0

Amount of Federal obligated in program year 2021: \$661,879

FY19 \$149,334/CARES \$512,545

General Project Information

Project Sponsor	Hill Country Transit District	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal Costs	\$1,339,931
		State Costs	293,109
		Other/Local Costs	55,797
Apportionment Year	2021	Total	\$1,688,837
Project Phase	Operations		
Brief Project Description	Operating Activities for HCTD T/B	Total Project Cost	\$1,688,837
		Trans. Dev. Credits	\$0

Amount of Federal obligated in program year 2021: \$1,339,931

FY19 & 20 Formula \$293,107/CARES \$1,046,824

General Project Information

Project Sponsor	Hill Country Transit District	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal Obligated	\$365,966
		State Costs	28,000
		Other/Local Obligated	5
Apportionment Year	2021	Total	\$393,971
Project Phase	Operations		
Brief Project Description	Capital Preventive Maintenance for HCTD T/B	Total Project Cost	\$393,971
		Trans. Dev. Credits	\$0

Amount of Federal obligated in program year 2021: \$365,966

FY19 & 20 Formula \$108,051/CARES \$257,915

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION
FY 2021 Annual Project Listing

Transit Projects

General Project Information

Project Sponsor	Hill Country Transit District	Federal Funding Category	5339
MPO Project Information (reference number, etc)		Federal Costs	\$598,087
		State Costs	0
		Other/Local Costs	5
Apportionment Year	2021	Total	\$598,092
Project Phase	Purchasing		
Brief Project Description	Purchasing partransit buses for HCTD K/CC/HH	Total Project Cost	\$598,092
		Trans. Dev. Credits	\$89,714
Amount obligated in program year 2021: \$598,087		FY16 & 17 & 18 Formula \$598,087	

General Project Information

Project Sponsor	Hill Country Transit District	Federal Funding Category	5339
MPO Project Information (reference number, etc)		Federal Costs	\$256,323
		State Costs	0
		Other/Local Costs	2
Apportionment Year	2021	Total	\$256,325
Project Phase	Purchasing		
Brief Project Description	Purchasing partransit buses for HCTD T/B	Total Project Cost	\$256,325
		Trans. Dev. Credits	\$38,450
Amount obligated in program year 2021: \$256,323		FY18 Formula \$256,323	

Total Federal Funds Obligated in FY2021 (Transit Projects):

\$5,522,065

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Item 11:

FY21 APER

FY21 Annual Project Expenditure Report (APER)

Each Fiscal Year (FY), all MPO's are required to submit to TxDOT an Annual Performance and Expenditure Report (APER) designed to follow each FY's planning budget alongside the approved UPWP, and in addition outlines the accomplishments of that year. The draft APER is submitted to TxDOT for review and then FHWA for final review and approval.

The attached report contains the FY21 Annual Performance Expenditure Report for the KTMPO.

Action Needed: No action needed; for discussion only.



Annual Performance and Expenditure Report

FY 2021

TASK 1.0 ADMINISTRATION / MANAGEMENT

OBJECTIVE:

To ensure that the metropolitan area transportation planning process is a fully cooperative, comprehensive, and continuing activity. This is characterized by a proactive public involvement process, constant monitoring of on-going planning activities, and assurance that all modes of transportation are given consideration as elements of a multi-modal urban transportation system in the overall planning process. This task also ensures the incorporation of previous federal legislation and FAST Act requirements.

SUBTASKS:

1.1.General Administration

Work items under this subtask include reports, correspondence, and documentation of actions for the record, inventory, accounting, and financial management; staff supervision and personnel administration; meetings; consultant contract procurement, management, and oversight; staying abreast of rules and regulations from FWHA, FTA, and TxDOT; and other administrative duties and correspondences, to include the following:

Committee and Board Support: MPO staff will provide administrative support for the TAC, TPPB, Bike and Pedestrian Advisory Committee, and Freight Advisory Committee.

Title VI Civil Rights Evaluation/Environmental Justice: The MPO will continue to follow recent guidance on Title VI and EJ compliance for all projects and procedures and will update the PPP accordingly. The MPO will continue to utilize demographic data related to Title VI/EJ and integrate these tools into project selection for development of the MTP and the TIP. Public hearings will be held in EJ areas at ADA accessible common facilities, during mid-day or early evening hours and will avoid being scheduled near or on significant holidays. The public is encouraged to contact KTMPO for special needs accommodation.

Public Participation Plan: KTMPO will update and monitor the Public Participation Plan to ensure it conforms to federal legislation, along with state and local requirements to include Title VI and Environmental Justice. Revisions will be implemented as needed to improve the effectiveness of the public input process and KTMPO will consider appropriate best practices from other MPOs and public agencies. PPP will also be updated to include a) intercity buses, and b) private providers of transportation.

Public Involvement and Outreach: Staff will offer presentations and materials as requested to the public. Staff will continue to explore public outreach efforts such as surveys and internet-based outreach mechanisms. KTMPO staff will develop and participate in community outreach programs. These community outreach opportunities will

keep citizens informed about the transportation planning process and provide additional opportunity for public input. Staff will provide “livestreaming” of the policy board meetings. Staff will provide the public with up-to-date transportation related information via email, social media, the KTMPO website, and quarterly newsletters. KTMPO will maintain all functional website information/design through staff and contracted services.

UPWP: MPO staff will coordinate with the TPPB to assess the status of the MPO and the needs of members and plan a budget for the next two-year scope of work. MPO staff will review and amend the UPWP in FYs 2020 & 2021 as needed and will develop the next two-year UPWP in 2021.

Subtask 1.1 Work Performed and Status – KTMPO currently has a staff equivalent to 2.5 FTE's that consists of 1 planner, 1 GIS technical analyst, 1 manager, 1 office manager and a director. KTMPO staff members prepared necessary administrative/financial reports, correspondences, and documentation of the MPO actions. Inventory was completed with all equipment accounted for and documented. Accounting and financial management tasks were handled by both the MPO Staff and members of the Central Texas Council of Governments (CTCOG) Administration Division. Required reports were submitted on time and inquiries were responded to promptly. Staff members were evaluated, and all personnel matters handled properly. Monthly Technical Advisory Committee (TAC) and Transportation Planning Policy Board (TPPB) meetings, in compliance with the Texas Open Meetings Act, were fully prepared for, documented, and advertised. KTMPO did not conduct any Planner Roundtables in FY21 due to the Covid-19 pandemic and significant changes to staffing. KTMPO is still interested in hosting these in the future and will work towards that in FY22.

During FY2021, KTMPO staff held the 2020 MTP Call for Projects and assisted the TAC and TPPB with the subsequent 2020 Reprioritization of the MTP using the updated project scoring criteria and project selection process from FY2020. Staff produced multiple funding scenarios for the 2020 Reprioritization of the MTP to guide the TAC and TPPB in selecting which projects to fund based on the updated project ranking and available funding in Categories 2, 7, and 9.

Staff arranged for presentations to the TAC and TPPB to keep them informed on various issues to include various KTMPO Plan updates (MTP, TIP, UPWP, others) and technical processes that feed into these plans; Federal Performance Measure updates and Target Setting; Texas National Highway System Review; TxDOT project updates; Hill Country Transit District (HCTD) updates; Special Study updates; Transportation Grant updates; High Speed Transportation Studies; and monthly updates on the region's air quality/ozone levels. Staff continued Bike & Pedestrian Advisory Committee meetings, GIS Users Group meetings, and emailed updates to Freight Advisory Group when possible.

1.2.Training

Staff will attend workshops or meetings conducted by FHWA/FTA/TxDOT, the State Transportation Planning Conference, regional KTMPO businesses, Waco/Brownwood Districts, TxDOT meetings and briefings, local MPO efforts, Texas Technical Working Group, meetings of the Texas Association of Metropolitan Planning Organizations (TEMPO), and courses appropriate for increasing staff familiarity and expertise with transportation planning, which includes all modes of transportation.

Subtask 1.2 Work Performed and Status – Staff members attended various workshops, some held virtually due to the Covid-19 pandemic, and participated in free webinars sponsored by TxDOT, FHWA, and National Highway Institute. Topics included comprehensive plan updates, census data, resilience in transportation planning, environmental justice and Title VI, freight planning, performance management, community engagement, public transit, STIP and UTP project alignment, planning and environmental linkages, climate and pavement research, complete streets, livability planning, transportation safety and highway program funding, TxDOT Connect, TxDOT eSTIP, grant management, COMPAT, TDM, Rails to Trails, GIS trainings, and Swagit Technology. Conferences included the American Planning Association-Texas Chapter annual meeting, FHWA Freight Planning Workshop, TxDOT Planning Conferences, TEMPO, TTI, and others similar in nature. Staff attended several environmental quality meetings from the state and within the region in respect to air quality.

1.3.Travel

Staff travel will primarily be utilized for the following tasks: workshops or meetings conducted by FHWA/FTA/TxDOT, the State Transportation Planning Conference, regional KTMPO business, Waco/Brownwood Districts, TxDOT meetings and briefings, local MPO efforts, Texas Technical Working Group, and meetings of the Texas Association of Metropolitan Planning Organizations (TEMPO). The MPO may send representative(s) to the Association of MPOs' (AMPO) national meeting and to other national/state/local meetings where transportation issues and/or workshops/trainings are presented. The KTMPO staff will seek prior approval for "out of state" travel.

Subtask 1.3 Work Performed and Status – Due to the Covid-19 pandemic travel was limited in FY2021, but when able to, staff did attend meetings throughout the KTMPO region and within the State of Texas to participate in the exchange of technical information. This included TEMPO meetings, TxDOT public and informational meetings and hearings, KTMPO public hearings, meetings with local governments and with TxDOT staff, and conferences and workshops listed in the previous section. Staff traveled within the region to attend various community events to promote awareness of transportation-related topics (i.e., air quality, transportation options, etc.).

1.4.Equipment

Equipment needs for the KTMPO may include software and automation maintenance services in order to meet the local transportation planning needs. The automation needs for the KTMPO may include, but are not limited to the following: IT infrastructure, Swagit video streaming, GPS units, congestion monitoring data and equipment, data collection devices, servers, computers, peripherals, furniture, and general office equipment. KTMPO will offer insights on and monitor user performance of regional trails through CenTex Trails application, created and supported by the BPAC Committee. KTMPO staff will obtain all necessary approvals prior to all purchases over \$5,000. KTMPO understands acquisition costs do not only apply to a single item

Subtask 1.4 Work Performed and Status – KTMPO spent \$16,971.49 on equipment during FY2021 to purchase office equipment from Vquest and to pay a portion of costs for upgrades to the KTMPO web map conducted by GIS Inc and ESRI.

1.5.Operating Costs

The MPO will incur costs associated with rental and operation costs. These costs include but are not limited to building expenses, office supplies, copying, printing, equipment rentals, utilities, repairs, and maintenance cost.

Subtask 1.5 Work Performed and Status – KTMPO operating costs included rent, utilities, and administrative functions. Currently all operating costs are direct billed for the actual expenditures of the MPO.

TASK 1.0 FUNDING SUMMARY

Funding Source	Amount Budgeted 2021	Amount Expended 2021	Balance	% Expended
Transportation Planning Funds (TPF)	\$494,848.00	\$292,644.82	\$202,203.18	59.1%
Local Funds	\$0.00	\$0.00	\$0.00	\$0.00
FTA	\$0.00	\$0.00	\$0.00	\$0.00
Congestion Mitigation/Air Quality (CMAQ)	NA	NA	NA	NA
STP/MM	NA	NA	NA	NA
TOTAL	\$494,848.00	\$292,644.82	\$202,203.18	59.1%

TASK 2.0

DATA DEVELOPMENT AND MAINTENANCE

OBJECTIVE:

Developing and maintaining a good database is essential to determine existing as well as future transportation demand. The purpose of this element is to continue to improve that database, including population, income and housing, crash records, traffic counts, land use and development data, information on special generators, all based upon traffic analysis zones (TAZ), and census block group areas. All data regarding minority and low-income socio-economic groups will be developed and maintained with respect to Title VI requirements

SUBTASKS:

2.1.Database Maintenance

Continue to update the roadway network, land use, and socioeconomic data within the MPO MPA. Maintain databases that include traffic crash locations, traffic counts, roadway network, employment data, housing data, and Title VI / EJ information. In addition, staff will collect and maintain trip data from various resources as needed on strategic locations such as: Ft. Hood, local hospitals, airports, schools, and colleges. KTMPO staff will coordinate planning and data collection efforts with TxDOT and possibly other local entities.

Subtask 2.1 Work Performed and Status – The KTMPO web map experienced several disruptions during FY2019-2020, however, KTMPO technical staff reviewed back-end data to assess transportation databases with all data associated with transportation planning analysis, including, but not limited to: roadway network, bicycle and pedestrian network, congestion management network, transit routes and stops, traffic counts, traffic accidents, employment data, housing data, and environmental justice areas. This database is the source for all required reports and can be directly linked to the spatial data for each project to ensure that updates entered into the database by the administrator are reflected in all associated maps and generated reports. Keeping this database updated is an ongoing activity. The KTMPO web map was migrated over to a new platform, Azure, with the assistance of GIS Inc. during FY2021 and is now fully functioning and available for use. KTMPO technical staff continue to monitor the web map and troubleshoot any issues that arise.

2.2.GIS Development

Maintain GIS as required for planning functions. Assist member governments in GIS training as available. Continue to develop and maintain a comprehensive GIS management program to manage GIS layers more efficiently. MPO staff will continue to gather, enter, verify, and/or update data in GIS coverages as described below.

1. Traffic counts, capacity, speeds, length, and crash data.

2. Fort Hood network.
3. Land Use at TAZ level: population, employment by category, income, developed vs. undeveloped.
4. Maintain digitized maps of TxDOT/county files and KTMPO TransCAD network.
5. Continued supply of base data for modeling in coordination with TxDOT.
6. Functional classification.
7. MTP multi-modal elements relative to routing, mapping, and planning to include and may not be limited to: Hike/bicycle trails, aviation, rail, freight, and transit.
8. Census Transportation Planning Package trends and UZA and MPA boundaries.
9. Environmental Justice / Title VI data.

Subtask 2.2 Work Performed and Status – This is an ongoing activity. The KTMPO web map experienced several disruptions during FY2019-2020, however, KTMPO technical staff continued to gather, verify, and update all spatial data as required for transportation planning in coordination with TxDOT, city and county staff, and TAC members. The bicycle and pedestrian facilities layer was updated as information became available from various BPAC meetings. The list of MTP projects was also updated following 2020 Call for Projects and subsequent reprioritization. Continued mapping and data support was provided to planning partners. The KTMPO web map was migrated over to a new platform, Azure, with the assistance of GIS Inc. during FY2021 along with all existing data. KTMPO staff continues to update data in the database as necessary.

TASK 2.0 FUNDING SUMMARY

Funding Source	Amount Budgeted 2021	Amount Expended 2021	Balance	% Expended
Transportation Planning Funds (TPF)	\$40,148.00	\$16,234.29	\$23,913.71	40.4%
Local Funds	\$0.00	\$0.00	\$0.00	0.00%
FTA	\$0.00	\$0.00	\$0.00	0.00%
Congestion Mitigation/Air Quality (CMAQ)	NA	NA	NA	NA
STP/MM	NA	NA	NA	NA
TOTAL	\$40,148.00	\$16,234.29	\$23,913.71	40.4%

TASK 3.0

SHORT RANGE PLANNING

OBJECTIVE:

Conduct short-term planning and potential project implementation within the next four-year period. Staff will continue coordinating short-term planning endeavors throughout the region and encourage more public participation in the planning process. Provision of a safe, clean, reliable public transportation system within the planning region.

SUBTASKS:

3.1. Transportation Improvement Program

MPO Staff will monitor and revise the FYs 2019-2022 TIP and develop the FYs 2021-2024 TIP. Staff will coordinate this effort by meeting with local and TxDOT officials, organizing meetings, adhering to the KTMPO PPP, and publishing any TIP amendments. MPO staff will ensure that each agency reviews the information within the TIP to maintain the most accurate document possible. MPO staff will evaluate the TIP on the condition and performance of the transportation system in achieving performance targets to address the anticipated effect of the TIP and investment priorities for achieving the performance targets as identified in the MTP.

Subtask 3.1 Work Performed and Status- MPO staff developed, submitted, and resubmitted the FY2021-2024 TIP in accordance with the statewide requirement to demonstrate fiscal constraint. Staff continued to maintain the FY2019-2022 TIP while waiting for final approval of the FY2021-2024 TIP. MPO staff prepared quarterly TIP revisions for the FY2021-2024 TIP and conducted all public outreach activities for this effort in accordance with the Public Participation Plan. In FY2021, work included the processing of three amendments to the FY2021-2024 TIP as noted below:

- Amendment: January 13, 2021, TIP Resubmittal to revise the let date, CSJs, and limits of project 0231-19-003 (W35-01, US 190 Bypass) and remove it from the TIP, revise the let date of project 0320-06-008 (W35-07, NW Loop 363) and remove it from the TIP, revise the limits and cost of project 2502-01-021 (W40-04a1, Loop 121 Phase 1a), and revise the let date, cost estimate, work description, and project name for project 0909-36-169 (B45-03, Belton 13th Avenue Sidewalks).
- Amendment: September 1, 2021, Administrative Amendments to revise the let date for project 0909-36-168 (T40-07a, Temple Outer Loop West – Phase 1) and the project description for projects 0909-36-167 (N40-04, Nolanville City Park Connectivity), 0909-36-168 (T40-07a, Temple Outer Loop West – Phase 1), 0909-36-180 (D45-02, Troy Mays Middle School Safe Routes to School), and 0909-36-169 (B45-03, Belton 13th Avenue Sidewalks).
- Amendment: September 22, 2021, TIP Amendment to remove projects 0231-02-062 (C30-03b, Business US 190 Phase 1), 0231-03-152 (W45-01, IH-14 Advanced Traffic Management System), and 0909-36-163 (B40-05, Belton Hike and Bike Trail Extension South) from the FY21-24 TIP and add projects 0320-01-079 (T45-18, SH

95 Turn Lanes), 0909-36-184 (N40-03, Old Nolanville Rd Bridge), 0909-36-186 (D45-01, W Main St/Luther Curtis Rd), 0909-36-171 (H30-05b, Warriors Path Phase 2), 0909-36-183 (S45-01, Royal Street Improvements), 0909-36-185 (K45-03, W Rancier Ave Sidewalks), 0909-36-173 (T40-13a, Georgetown Railroad Trail Phase 1), and 2057-01-012 (N40-05, FM 439 Spur Connectivity) to the FY21-24 TIP.

3.2 Regional Planning Project

KTMPO will participate in regionally coordinated transportation planning to support the public transportation/human services plan required by HB 3588, enacted by the 78th Legislature in 2003, amending Chapter 461, Subtitle K, Title 6 of the Texas Transportation Code entitled “*Statewide Coordination of Public Transportation*”; Executive Order 13330 (*Human Service Transportation Coordination*) signed on February 26, 2004, and SAFETEA-LU signed on August 10, 2005, both by former President George W. Bush; and adopt any subsequent changes as the legislature deems appropriate.

This may include sharing data, preparing maps, attending, or sponsoring workshops, conferences, training sessions, meetings, and providing general transportation planning expertise to the effort. The MPO will also consult with agencies and officials responsible for other planning activities within the metropolitan planning area that are affected by transportation including: a) tourism; and b) natural disaster risk reduction and resiliency.

Subtask 3.2 Work Performed and Status – This is an ongoing activity. KTMPO staff members continued public involvement, outreach, and education efforts throughout the fiscal year. MPO information was posted on the website and also distributed via email or at meetings. The website was regularly updated with public calendar dates, informational pages, recent event information, pictures, maps, meeting documents, educational material for KTMPO members, and all KTMPO planning documents. The MPO continued to attend transportation public meetings and provided informational handouts and maps to the public at that time. KTMPO continues to maintain a Facebook account to inform the public via social media.

3.3 Hill Country Transit District – Temple UZA - Planning

KTMPO will provide planning services as requested to Hill Country Transit District in support of the HCTD planning efforts.

HCTD will use FTA Section 5307 funds to administer the grant in accordance with FTA guidelines to perform the following duties:

- Comprehensive planning activities relating to the continued provision of fixed route and complementary paratransit service;
- Review of routes, bus stops, shelter locations, and major transfer points;
- Review of marketing/advertising program;

- Coordination of transportation services;
- Safety and security planning;
- Participation in regional planning efforts;
- Review of air quality issues and use of alternate fueled vehicles;
- Application of software programs for planning and scheduling routes and trips for Fixed Route Service and American's with Disabilities Act (ADA) Complementary Paratransit Service;
- On-going financial planning and analysis; and,
- Other allowable activities directly related to implementation of fixed route and complementary ADA para-transit services.

Subtask 3.3 Work Performed and Status: Hill Country Transit District utilized FTA 5307 funds for a variety of planning activities in the Temple urbanized area (UZA) during FY2021. HCTD provided urban fixed route service, ADA complementary paratransit service, and rural transit service. HCTD successfully continued its efforts to coordinate with various Health and Human Service agencies and to provide transit services through State service contracts. HCTD also continued to work with other organizations such as the Regional Transportation Advisory Group (RTAG) to help identify unmet transit needs. HCTD also worked diligently to monitor the needs of the region and to constantly monitor routes, schedules, and facilities to meet those needs. Planning efforts were coordinated with counties and cities in the region to enable financial planning and preparation for areas undergoing or projected for development.

HCTD worked closely with each city in the Temple UZA to jointly address the role of the regional public transit system as it relates to the development of new housing and retail space as well as ensure these areas are considered in terms of route service and transit amenities. Representatives from HCTD served on and regularly attended meetings of the Technical Advisory Committee and the Transportation Planning Policy Board of the KTMPO to stay involved and informed regarding regional transportation issues and projects. HCTD relies on the Regionally Coordinated Transportation Plan as a means of monitoring performance and accomplishment of specific goals and objectives to ensure public transportation efforts are coordinated throughout the region.

HCTD strives to stay “technologically in tune” through the use and development of a variety of software programs for planning and scheduling routes and trips for fixed route and paratransit; to allow passengers easy trip planning options through Google’s mapping services; to plan for and ensure adherence to scheduled preventive maintenance programs for the transit fleet; and to purchase and track parts for the fleet. HCTD has planned for quality control measures and relies on Ultra Low Sulfur Diesel (ULSD) fuel to meet alternate fuel requirements for the transit fleet. These and related programs enable HCTD to operate the regional transit system with greater efficiency and effectiveness, making use of the transit system more attractive to the region’s residents and visitors. HCTD constantly monitors and promotes ridership growth as a means of controlling traffic, congestion, and emissions on the region’s major roadways.

HCTD strives to operate a safe service for its passengers and employees. Accidents are monitored and reviewed by an Accident Review Committee. In addition, HCTD has implemented a Public Transportation Agency Safety Plan (PTASP). In coordination with the FTA and TxDOT, HCTD designed the PTASP so that all safety-related incidents, near-misses, and safety-concerns are brought to HCTD's Safety and Mitigation (SAM) Committee where these risks are assessed and modified in a manner that minimizes the risk of injury to passengers as well as employees.

HCTD monitored marketing and advertising opportunities and used newcomer guides, participation in local job-fairs and community programs, participation in senior expositions, publication of route maps, and an up-to-date web site in efforts to properly promote the transit system. Such efforts to promote the system enhance ridership growth in the region, thereby helping to reduce traffic congestion and exhaust emissions. HCTD continued to implement an improved information program through which fixed-route and schedule information is provided online as well as at each fixed-route bus stop, on the individual buses, and on printed route maps.

3.4 Hill Country Transit District – Killeen UZA – Planning

KTMPO will provide planning services as requested to Hill Country Transit District in support of the HCTD planning efforts.

HCTD will use FTA Section 5307 funds to administer the grant in accordance with FTA guidelines to perform the following duties:

- Comprehensive planning activities relating to the continued provision of fixed route and complementary ADA para-transit service for the cities of Copperas Cove, Killeen, and Harker Heights;
- Review of routes, bus stops, shelter locations, and major transfer points;
- Review of marketing/advertising program;
- Coordination of transportation services;
- Safety and security planning;
- Participation in regional planning efforts;
- Congestion management planning, which affects traffic patterns on US 190;
- Review of air quality issues and use of alternative fueled vehicles;
- On-going financial planning and analysis; and,
Other allowable activities directly related to refining and expanding current fixed route and complementary ADA paratransit services.

Subtask 3.4 Work Performed and Status: Hill Country Transit District utilized FTA 5307 funds for a variety of planning activities in the Killeen urbanized area (UZA) during FY2021. HCTD provided urban fixed route service, ADA complementary paratransit service, and rural transit service. HCTD successfully continued its efforts to coordinate with various Health and Human Service agencies and to provide transit services

through State service contracts. HCTD also continued to work with other organizations such as the Regional Transportation Advisory Group (RTAG) to help identify unmet transit needs. HCTD also worked diligently to monitor the needs of the region and to constantly monitor routes, schedules, and facilities to meet those needs. Planning efforts were coordinated with counties and cities in the region to enable financial planning and preparation for areas undergoing or projected for development.

HCTD worked closely with each city in the Killeen UZA to jointly address the role of the regional public transit system as it relates to the development of new housing and retail space as well as ensure these areas are considered in terms of route service and transit amenities. Representatives from HCTD served on and regularly attended meetings of the Technical Advisory Committee and the Transportation Planning Policy Board of the KTMPO to stay involved and informed regarding regional transportation issues and projects. HCTD relies on the Regionally Coordinated Transportation Plan as a means of monitoring performance and accomplishment of specific goals and objectives to ensure public transportation efforts are coordinated throughout the region.

HCTD strives to stay “technologically in tune” through the use and development of a variety of software programs for planning and scheduling routes and trips for fixed route and paratransit; to allow passengers easy trip planning options through Google’s mapping services; to plan for and ensure adherence to scheduled preventive maintenance programs for the transit fleet; and to purchase and track parts for the fleet. HCTD has planned for quality control measures and relies on Ultra Low Sulfur Diesel (ULSD) fuel to meet alternate fuel requirements for the transit fleet. These and related programs enable HCTD to operate the regional transit system with greater efficiency and effectiveness, making use of the transit system more attractive to the region’s residents and visitors. HCTD constantly monitors and promotes ridership growth as a means of controlling traffic, congestion, and emissions on the region’s major roadways.

HCTD strives to operate a safe service for its passengers and employees. Accidents are monitored and reviewed by an Accident Review Committee. In addition, HCTD has implemented a Public Transportation Agency Safety Plan (PTASP). In coordination with the FTA and TxDOT, HCTD designed the PTASP so that all safety-related incidents, near-misses, and safety-concerns are brought to HCTD’s Safety and Mitigation (SAM) Committee where these risks are assessed and modified in a manner that minimizes the risk of injury to passengers as well as employees.

HCTD monitored marketing and advertising opportunities and used newcomer guides, participation in local job-fairs and community programs, participation in senior expositions, publication of route maps, and an up-to-date web site in efforts to properly promote the transit system. Such efforts to promote the system enhance ridership growth in the region, thereby helping to reduce traffic congestion and exhaust emissions. HCTD continued to implement an improved information program through which fixed-route and schedule information is provided online as well as at each fixed-route bus stop, on the individual buses, and on printed route maps.

TASK 3.0 FUNDING SUMMARY

Funding Source	Amount Budgeted 2021	Amount Expended 2021	Balance	% Expended
Transportation Planning Funds (TPF)	\$57,911.00	\$20,268.64	\$37,642.36	35.0%
Local Funds	\$29,444.00	\$6,271.00	\$23,173.00	21.3%
FTA (5307)	\$21,906.00	\$27,731.00	-\$5,825.00	126.6%
Congestion Mitigation/Air Quality (CMAQ)	NA	NA	NA	NA
STP/MM	NA	NA	NA	NA
TOTAL	\$109,261.00	\$54,270.64	\$54,990.36	49.7%

TASK 4.0

METROPOLITAN TRANSPORTATION PLAN

OBJECTIVE:

The current MTP is a 5 year plan and was approved by the TPPB in May 2019. A MTP must address at least a 20-year planning period to include both long and short-range strategies that will lead to the development of an integrated intermodal metropolitan transportation system (23 CFR 450-322). The 2045 MTP will be continually reviewed and revised as needed. The 2050 MTP must be adopted by the TPPB by May 2024 unless KTMPO is designated as a non-attainment region prior to that date. Non-attainment MTP planning requires a 4-year update.

SUBTASKS:

4.1 Mobility 2045 Metropolitan Transportation Plan Implementation

The MPO staff, with the assistance of consultants as needed, will monitor the implementation of the MTP to evaluate the impact of changes that may occur in planning policy, project priority, available funding, and federal legislation. MPO staff will submit to the TAC and the TPPB any changes that impact projects or available funding. This subtask includes the following:

Planning and Environmental Linkages: KTMPO will promote planning and environmental linkages by attending relevant workshops and providing information to the TAC/TPPB membership. MPO staff will coordinate with appropriate TxDOT staff to implement and support measures including development of purpose and need statements when projects are submitted and coordination with other agencies to identify environmental issues. The MPO will consult with agencies and officials responsible for other planning activities within the metropolitan planning area that are affected by transportation including: a) tourism; and b) natural disaster risk reduction and resiliency. The MPO will incorporate two new planning factors: a) improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation; b) enhance travel and tourism. The MPO will include consideration of intercity busses.

KTMPO will continue to comply with House Bill (HB) 20 and coordinate with TxDOT district representatives to develop a 10-Year Plan utilizing the current TIP and the next 6 years of projects based upon project prioritization, readiness, and funding availability.

Air Quality: KTMPO will continue to review data from the ozone monitor at Skylark Field in Killeen and West Temple Park in Temple; support proactive programs, such as Ozone Advance; and educate the public in reducing ozone levels. Updated information will be provided to the TAC and TPPB as needed to determine appropriate policies and actions for our region.

TDM/Project Selection: KTMPO will use the travel demand model to evaluate transportation projects. Consultants may be utilized to further develop and enhance the model as described in Subtask 5.1

Performance Measures/Targets: KTMPO will continue development of and will include description of performance measures/targets in accordance with federal and state requirements. The MPO will be involved in discussions with FHWA, FTA, and TxDOT in the development of performance measures/targets. The MPO will initiate review of specific data needs that are applicable to the established performance measures/targets. MPO staff will evaluate the MTP on the condition and performance of the transportation system in achieving performance targets and progress toward achieving performance targets and prepare a system evaluation report. The MPO will develop a MOU/MOA (or similar document) to address written provision for cooperatively developing and sharing information related to transportation performance data; selection of performance targets; reporting of performance targets; reporting and tracking progress. The MPO staff will assess the capital investment and other strategies to preserve the existing and future transportation system and reduce the vulnerability of the existing transportation infrastructure to natural disasters. Consultants may be utilized as described in Subtask 5.3.

Subtask 4.1 Work Performed and Status – In FY2021, Staff assessed for planning and environmental linkages in respect to tourism, natural disaster risk reduction and resiliency, transportation system reliability, and public transit. Staff reviewed ozone data from local monitoring stations in Killeen and Temple, attended local sustainability planning meetings, educated the public in reducing ozone levels and updated the TAC and TPPB on monthly ozone readings. The KTMPO TDM network was updated in FY2021 to reflect the 2020 Call for Projects and subsequent MTP Reprioritization effort. Staff continued to monitor performance measures targets and complied with the coordination and adoption of planning targets for the MPO region as required by Federal Rule.

In FY2021, work included the processing of four amendments to the 2045 MTP as noted below:

- Amendment: January 13, 2021, MTP Amendment to revise the let date, CSJs, and limits of project 0231-19-003 (W35-01, US 190 Bypass), revise the let date of project 0320-06-008 (W35-07, NW Loop 363), revise the limits and cost of project 2502-01-021 (W40-04a1, Loop 121 Phase 1a), and revise the let date, cost estimate, work description, and project name for project 0909-36-169 (B45-03, Belton 13th Avenue Sidewalks).
- Amendment: April 21, 2021, MTP Amendment to revise the CSJs for projects 0184-02-056 (W25-02, SH 36), 0836-03-069 (W35-04, FM 439), and 3409-01-007 (H45-03, FM 3481 [Stillhouse Hollow Lake Rd] Phase 1).
- Amendment: July 21, 2021, MTP Amendment to revise the let date for 0909-36-168 (T40-07a, Temple Outer Loop West – Phase 1).

- Amendment: September 22, 2021, MTP Amendment to add projects 0320-01-079 (T45-18, SH 95 Turn Lanes), 0909-36-184 (N40-03, Old Nolanville Rd Bridge), 0909-36-186 (D45-01, W Main St/Luther Curtis Rd), 0909-36-171 (H30-05b, Warriors Path Phase 2), 0909-36-183 (S45-01, Royal Street Improvements), 0909-36-185 (K45-03, W Rancier Ave Sidewalks), 0909-36-173 (T40-13a, Georgetown Railroad Trail Phase 1), and 2057-01-012 (N40-05, FM 439 Spur Connectivity) to the 2045 MTP, remove projects 0231-02-062 (C30-03b, Business US 190 Phase 1), 0231-03-152 (W45-01, IH-14 Advanced Traffic Management System), and 0909-36-163 (B40-05, Belton Hike and Bike Trail Extension South) from the 2045 MTP, and revise the project descriptions for projects 0909-36-167 (N40-04, Nolanville City Park Connectivity), 0909-36-138 (T40-07a, Temple Outer Loop West – Phase 1), 0909-36-180 (D45-02, Troy Mays Middle School Safe Routes to School), and 0909-36-169 (B45-03, Belton 13th Avenue Sidewalks).

4.2 Congestion Management Process (Internal)

CMP: KTMPO will track and report performance on the CMP network and assess progress made towards congestion reduction. The CMP will be updated as needed. Consultants may be utilized as described in Subtask 5.2.

Subtask 4.2 Work Performed and Status – Staff continue to work with representatives from the Texas Transportation Institute (TTI) to monitor and maintain the KTMPO network in TTI's COMPAT tool for performance tracking and analysis purposes. Staff also worked with a consultant to conduct a refresh of the CMP most congested list which was utilized for the 2020 Reprioritization of the MTP and incorporated into the current 2045 MTP.

TASK 4.0 FUNDING SUMMARY

Funding Source	Amount Budgeted 2021	Amount Expended 2021	Balance	% Expended
Transportation Planning Funds (TPF)	\$167,052.00	\$58,518.45	\$108,533.55	35.0%
Local Funds	\$0.00	\$0.00	\$0.00	\$0.00
FTA	\$0.00	\$0.00	\$0.00	\$0.00
Congestion Mitigation/Air Quality (CMAQ)	NA	NA	NA	NA
STP/MM	NA	NA	NA	NA
TOTAL	\$167,052.00	\$58,518.45	\$108,533.55	35.0%

TASK 5.0 SPECIAL STUDIES

OBJECTIVE:

To provide a format for the inclusion of a variety of topics necessary to complete the goals and objectives set forth in the MTP and other unique transportation topics which demand special attention and are beyond the scope of the other regularly programmed activities and tasks. This task includes subtasks that may not be worked on continuously or that may not be completed in two years. Several study needs that could have an impact on regional planning have been discussed with the KTMPO partners. Funds have been reserved for miscellaneous studies. The TAC and TPPB will determine which studies to fund during FY2020 and 2021. Staff will publish relevant study deliverables (final reports, technical memos, white papers, etc.) to the “Special Studies” page on the KTMPO website ([Link](#)).

SUBTASKS:

5.1 Travel Demand Model

KTMPO may use consultants as needed to further enhance and develop the model and assist in running the TDM to evaluate projects.

Subtask 5.1 Work Performed and Status – The TDM Network was updated in FY21 to account for the 2020 Call for Projects and subsequent 2020 Reprioritization of the MTP.

5.2 Congestion Management Process

KTMPO may use consultants as needed to assist in tracking and reporting performance on the CMP network, assessing progress made towards congestion reduction, and updating the CMP as needed.

Subtask 5.2 Work Performed and Status – During FY2021, KTMPO staff completed work with a consultant to reprioritize CMP network segments in the KTMPO CMP. This work included an updated CMP network and reprioritization of CMP network segments. KTMPO staff with the assistance of the consultant recalculated congestion performance for each CMP segment and re-prioritized the CMP segments. KTMPO staff developed an updated Final Prioritized List of Congestion Hotspots for Highways and Arterials and amended the CMP accordingly.

5.3 Performance Measures/Targets

KTMPO may use consultants as needed to assist in developing performance measures/targets in accordance with federal and state requirements.

Subtask 5.3 Work Performed and Status – Consultants were not utilized for this effort during FY21.

5.4 FAST Act Performance Measures Study

KTMPO will be conducting a performance measures study in response to the Fixing America's Surface Transportation (FAST) Act requirements. This study plans to identify performance measures and metrics, evaluation of related performance criteria and weighting in project prioritization process, and scenario testing to optimize project prioritization outcomes using existing data sources.

Subtask 5.4 Work Performed and Status – Consultants were not utilized for this effort during FY2021. Work for this study was completed in FY2020.

5.5 Vulnerability & Resiliency Study

KTMPO will be conducting a Vulnerability & Resiliency Study to outline vulnerable roadways and to highlight improvements to the system. This task may include an assessment of current transportation systems vulnerability to major transportation incidents or weather-related hazards, the existence of alternative routes, ability to recover, and the operational capacity for emergency response and incident management/clearance.

Subtask 5.5 Work Performed and Status – Consultants were not utilized for this effort during FY2021. Work for this study was completed in FY2020.

5.6 Evaluation of 2045 MTP Projects

KTMPO will be conducting an evaluation of 2045 MTP Projects. This process will include whether current transportation projects address the needs of the region and to determine if improvements to current projects are needed before a future project call.

Subtask 5.6 Work Performed and Status – Consultants were not utilized for this effort during FY2021. Work for this study was completed in FY2020.

5.7 Future Growth Scenario Plan

KTMPO will be developing a Future Growth Scenario Plan. This plan will develop different growth scenarios based and will highlight alternative transportation networks based on the various growth scenarios.

Subtask 5.7 Work Performed and Status – Consultants were not utilized for this effort during FY2021. Work for this study was completed in FY2020.

5.8 EJ Analysis of Transportation Projects Study

KTMPO will be conducting an Environmental Justice (EJ) Analysis of Transportation Projects Study to analyze the impacts of current and future projects on EJ Areas in the KTMPO region. This task will include recommendations for how KTMPO can better pursue environmental justice in the region and the development of analysis tools to quantitatively assess the impacts of future projects on EJ areas.

Subtask 5.8 Work Performed and Status – During FY2021 KTMPO staff completed work with a consultant to evaluate the impacts of KTMPO projects on Environmental Justice areas. The consultant finished their analysis of KTMPO's updated EJ areas and provided recommendations for how KTMPO can better pursue environmental justice in the region. Final study deliverables can be found [here](#).

5.9 Regional Freight Parking Study

KTMPO will be conducting a Regional Freight Parking Study to evaluate the current state of freight transportation and parking in the region. This task will identify current deficiencies in the freight system and will provide recommendations for how to improve those deficiencies.

Subtask 5.9 Work Performed and Status – During FY21 KTMPO staff completed work with a consultant to assess freight transportation and parking in the region and provide recommendations for how to adequately provide for their needs. This task included the evaluation of current freight parking supply and demand; assessment of optimum freight parking supply in the region; identification of transportation system deficiencies for freight; recommendations for improved, safe freight parking facilities; and recommended ordinances or policies for cities. The consultant drafted a final report containing the relevant analyses, conclusions, and recommendations from the study for KTMPO. Final study deliverables can be found [here](#).

5.10 Evaluation of Past MTP Projects Study

KTMPO will be conducting an Evaluation of Past MTP Projects Study to review completed MTP projects from the past 5-10 years and assess how those projects have performed. This task will provide recommendations for what changes are needed in the planning process to better accomplish meeting FAST Act performance targets.

Subtask 5.10 Work Performed and Status – During FY2021 KTMPO staff completed work with a consultant to analyze how effective KTMPO has been towards achieving the region's mobility goals. This task reviewed all MTP projects let in the past 10 years to

evaluate whether or not they have been successful in meeting KTMPO's adopted performance planning measures. Final study deliverables can be found [here](#).

5.11 MTP Project Scoring

KTMPO will use consultants to assist in conducting objective scoring of projects for the 2020 Reprioritization of the 2045 MTP.

Subtask 5.11 Work Performed and Status – During FY2021 KTMPO staff completed work with a consultant to conduct the objective scoring of projects submitted for the 2020 Reprioritization of the 2045 MTP. The consultant utilized KTMPO's project scoring criteria, project selection process, TDM, Regional Vulnerability Reference Framework (RVRF), various state and federal data sources, TAC subjective scores, and other ancillary data to complete a comprehensive scoring for each project. The consultant packaged the final scores in a spreadsheet for KTMPO staff use in the reprioritization and funding process.

TASK 5.0 FUNDING SUMMARY

Funding Source	Amount Budgeted 2021	Amount Expended 2021	Balance	% Expended
Transportation Planning Funds (TPF)	\$302,500.00	\$145,269.07	\$157,230.93	48.0%
Local Funds	\$0.00	\$0.00	\$0.00	0.00%
FTA	\$0.00	\$0.00	\$0.00	0.00%
Congestion Mitigation/Air Quality (CMAQ)	NA	NA	NA	NA
STP/MM	NA	NA	NA	NA
TOTAL	\$302,500.00	\$145,269.07	\$157,230.93	48.0%

BUDGET SUMMARY

TOTAL TRANSPORTATION PLANNING FUNDS (PL 112 & FTA 5303) BUDGETED AND EXPENDED FOR FY 2021

UPWP Task	Description	Amount Budgeted 2021	Amount Expended 2021	Balance	% Expended
1	Administration-Management	\$494,848.00	\$292,644.82	\$202,203.18	59.1%
2	Data Development and Maintenance	\$40,148.00	\$16,234.29	\$23,913.71	40.4%
3	Short Range Planning	\$57,911.00	\$20,268.64	\$37,642.36	35.0%
4	Metropolitan Transportation Plan	\$167,052.00	\$58,518.45	\$108,533.55	35.0%
5	Special Studies	\$302,500.00	\$145,269.07	\$157,230.93	48.0%
TOTAL		\$1,062,459.00	\$532,935.27	\$529,523.73	50.2%

Notes: TPF Funds were authorized to, and expended by, KTMPO.

TOTAL FTA (SECTION 5307) BUDGETED AND EXPENDED FOR FY 2021

UPWP Task	Description	Amount Budgeted 2021	Amount Expended 2021	Balance	% Expended
1	Administration-Management	\$0.00	\$0.00	\$0.00	-
2	Data Development and Maintenance	\$0.00	\$0.00	\$0.00	-
3	Short Range Planning	\$21,906.00	\$27,731.00	-\$5,825.00	126.6%
4	Metropolitan Transportation Plan	\$0.00	\$0.00	\$0.00	-
5	Special Studies	\$0.00	\$0.00	\$0.00	-
TOTAL		\$21,906.00	\$27,731.00	-\$5,825.00	126.6%

Notes: FTA 5307 Funds were authorized to, and expended by, Hill Country Transit District.

**TOTAL LOCAL FUNDS
BUDGETED AND EXPENDED FOR FY 2021**

UPWP Task	Description	Amount Budgeted 2021	Amount Expended 2021	Balance	% Expended
1	Administration-Management	\$0.00	\$0.00	\$0.00	-
2	Data Development and Maintenance	\$0.00	\$0.00	\$0.00	-
3	Short Range Planning	\$29,444.00	\$6,271.00	\$23,173.00	21.3%
4	Metropolitan Transportation Plan	\$0.00	\$0.00	\$0.00	-
5	Special Studies	\$0.00	\$0.00	\$0.00	-
TOTAL		\$29,444.00	\$6,271.00	\$23,173.00	21.3%

Notes: Local Funds were authorized to, and expended by, Hill Country Transit District.

**TOTAL FUNDS (All Sources of Funding)
BUDGETED AND EXPENDED FOR FY 2021**

UPWP Task	Description	Amount Budgeted 2021	Amount Expended 2021	Balance	% Expended
1	Administration-Management	\$494,848.00	\$292,644.82	\$202,203.18	59.1%
2	Data Development and Maintenance	\$40,148.00	\$16,234.29	\$23,913.71	40.4%
3	Short Range Planning	\$109,261.00	\$54,270.64	\$54,990.36	49.7%
4	Metropolitan Transportation Plan	\$167,052.00	\$58,518.45	\$108,533.55	35.0%
5	Special Studies	\$302,500.00	\$145,269.07	\$157,230.93	48.0%
TOTAL		\$1,113,809.00	\$566,937.27	\$546,871.73	50.9%

Item 12:

Public Input

Public Input Received

KTMPO 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.



KTMP 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

- **RAISE Grant Program:**

Deadline April 14, 2022

Department of Transportation (DOT):

USDOT issued an original NOFO for the RAISE grant program on January 14, 2022. The Department intends to amend the NOFO to provide additional details by January 30, 2022. As with previous rounds of funding, funds for the FY22 RAISE program will be awarded on a competitive basis to projects with a significant local or regional impact. Additional information on past funding rounds and projects can be found at the link below.

Estimated Funding Available: \$1,500,000,000

Award Ceiling: \$25,000,000

Award Floor: \$1,000,000

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

A comprehensive listing with definitions is available under Transportation Planning Resources at 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)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	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: \$32,019,000 4-year UTP Fiscal Constraint: \$68,585,914
T45-18	0320-01-079	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 7 PROJECTS (SURFACE TRANSPORTATION PROGRAM-METROPOLITAN MOBILITY)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost ¹⁰	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding ¹⁰
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: \$23,530,871 (includes transit) 4-year UTP Fiscal Constraint: \$23,549,569
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	\$1,247,042	2021	No	P	
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	\$8,238,558	2023	No	P, H	
N40-03	0909-36-184	Old Nolanville Rd Bridge	Bridge on Old Nolanville Rd to IH-14	Upgrade bridge, shared use path	43.61	9	5	\$1,539,873	2022	No	—	
D45-01	0909-36-186	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	\$2,560,000	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	\$2,864,816	2023	No	H	
S45-01	0909-36-183	Royal St Improvements	Smith Branch Rd to FM 2286 (Main St)	Pavement rehabilitation	34.71	46	9	\$804,160	2022			
K45-03	0909-36-185	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	\$2,592,000	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	\$898,802	2022			
S45-03	0909-36-187	Williams Road Sidewalks	FM 2484 to W Village Rd	Construct ADA accessible concrete sidewalks.	38.72	19	5	\$517,619	2022			

MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost ¹⁰	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding ¹⁰
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	\$338,889	2023	No	P	Allocation: \$1,284,357 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	\$381,198	2022			
N40-05	2057-01-012	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	\$564,270	2022			

STATEWIDE CATEGORY 9 PROJECTS (SAFE ROUTES TO SCHOOL PROGRAM)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	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: \$1,112,625 Fiscal Constraint: n/a
R45-01	0909-36-188	Bartlett Elementary Safe Routes to School	Robinson St to N Evie St, south Bell St	Construct approximately 2,050 linear ft of 6 ft wide reinforced concrete sidewalk with crosswalk, 2 ADA curb ramps and signage to cross SH 95. Additional signage and 5 crosswalks with 10 ADA curb ramps will be added to other local cross streets.	N/A	N/A	N/A	\$835,054	2024	No	N/A	

Transit Projects												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
A45-02	0909-36-191	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	—	(Cat 7) Allocation: \$2,354,957 Fiscal Constraint: see above
Other Projects												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	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 ¹												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding ^{4 9}
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			
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	2025	Yes	L, H,	
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 Years 11-25 Long Range Allocations: \$361,767,429 MTP Long Range Fiscal Constraint: \$364,100,000 Available: \$2,322,571
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			
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, & Jackrabbit 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/Jackrabbit Rd	IH-14 @ Paddy Hamilton Rd to IH-14 @ Jackrabbit 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 ⁶	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 ^o												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding ^{4 9}
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 ¹	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 ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding ⁴
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:

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

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

³Environmental 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.

Environmental 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

⁴Fiscal 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

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

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

⁷KTMPO 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

⁸Note: 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

¹⁰Note: Estimated Cost shows the approved construction amount for each project covered by federal and state sources. Categories 2 & 9SRTS are 100% covered by these sources, Categories 7 & 9TAP are 80% covered by these sources. See latest KTMPO TIP for full project financial information.

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	January 19, 2022
February 19, 2020*	April 21, 2021*	

* Administrative Amendments

⁹**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 ⁴)

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

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	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 ¹	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	FY21 Cat 8 Allocation: \$6,200,000
C30-03b	0231-02-062	Business US 190 Phase I	FM 1113 (Avenue D) to Constitution Dr	Construction of a raised median and conversion of one travel lane in each direction to a sidewalk/bicycle lane	81.00	4	4	\$10,420,000	2021	Yes	EJ	FY21 Cat 2M Allocation: \$10,000,000 FY21 Cat 10 Allocation: \$420,000
B40-05	0909-36-163	Belton Hike and Bike Trail Extension South (South Belton Shared Use Path)	IH-35 from FM 436 to Confederate Park Dr	Construct 12 ft wide hike and bike trail. Project will extend along FM 436, IH-35 northbound frontage road and Confederate Park Drive.	N/A	N/A	N/A	\$1,582,363	2021	No	EJ, P	FY21 Cat 9 TASA Allocation: \$1,582,363

End of Packet