



Technical Advisory Committee

**August 3, 2022
9:30 a.m.**

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Agenda



**Killeen-Temple Metropolitan Planning Organization
Technical Advisory Committee (TAC)**
Wednesday, August 3, 2022

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

Regular Meeting: 9:30 A.M.

Virtual Link: [KTMPO TAC Meeting](#)

Call in Number: [+1 \(872\) 240-3212](#)

Access Code: 756-809-085

AGENDA

1. Call to Order.
2. Opportunity for Public Comment.
3. Staff Update: *(pg. 8-10)*
 - a) Meeting Schedule;
 - b) Other Updates;
 - c) Air Quality.
4. **Action Item:** Regarding approval of minutes from the July 6, 2022 meeting. *(pg. 12-14)*
5. **Discussion and Action Item:** Regarding Resolution 2022-08 supporting the 2024 and 2026 Travel Time Reliability (PM3) performance targets for KTMPO established by the Texas Department of Transportation. *(pg. 16-20)*
6. **Discussion and Action Item:** Regarding updated language in the MPO-TxDOT Self Certification Statement. *(pg. 22-26)*
7. **Discussion and Action Item:** Regarding Amendment #2 to the FY22-23 Unified Planning Work Program (UPWP) to: *(pg. 28-34)*
 - a) Update the Planning Emphasis Areas (PEAs) language;
 - b) Add Performance Measure language; and
 - c) Move funds from Task 5, Special Studies to Task 1, Administration; Task 2, Data Development; Task 3, Short Range Planning; and Task 4, Metropolitan Transportation System.
8. **Discussion Item:** Kimley Horn presentation on the TIP Viewer Dashboard Tool. *(pg. 36)*
9. **Discussion Item:** Regarding 2022 TxDOT HSIP Program presentation. *(pg. 38)*
10. **Discussion Item:** Regarding public input received through July 2022. *(pg. 40-42)*



11. Member comments.

12. Adjourn.

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Item 3:

Staff Update

Staff Update

a) Listed below are the upcoming KTMPO meetings:

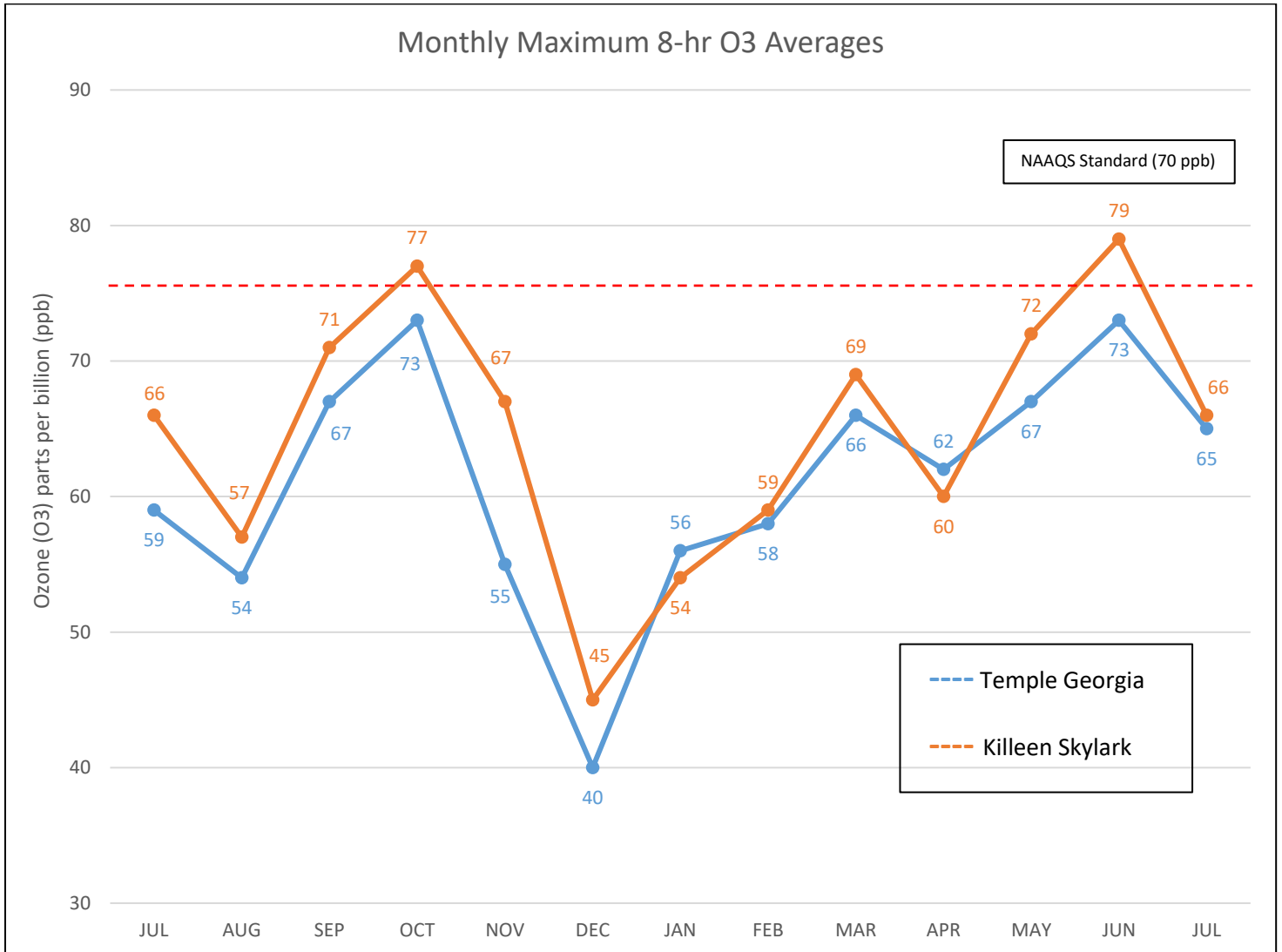
- August 17, 2022 – Transportation Planning Policy Board
- September 7, 2022 – Technical Advisory Committee
- September 14, 2022 – Bicycle Pedestrian Advisory Committee
- September 21, 2022 – Transportation Planning Policy Board
- October 5, 2022 – Technical Advisory Committee*
- October 19, 2022 – Transportation 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:

- Federal Certification Review
 - Preliminary results should be delivered within 60 days
 - FHWA shared concern that some Special Studies in the UPWP are just listed as placeholders and not identified by name
- Officer Elections
 - Scheduled to occur at the September TPPB meeting
- Bell County Thoroughfare Plan
 - Staff gathering data and held two stakeholder meetings to gather information on needs and future developments
- Safe Streets and Roads for All (SS4A) Match Formula
 - Work Group created by Policy Board: Ryan Haverlah (Copperas Cove), Mayor Tim Davis (Temple), Bell County representative (TBD), Killeen representative (TBD)
 - The Work Group will meet in the next two weeks to review and discuss a potential match formula staff is developing as a starting point
- PROTECT Program

c) Air Quality



Compliance with EPA Ozone Standard: 4th Highest Annual Value				3-year average (Calculated on July 12, 2022)
	2020	2021	2022*	
Temple	64	67	65	
Killeen	63	70	66	66

Action Needed: No action needed; for discussion only.

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Item 4:

Meeting Minutes



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

Wednesday, July 6, 2022
9:30 AM

Regular 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
Bobby Lewis – City of Copperas Cove	David Williams for Bobby Carroll – Lampasas County
Jason Deckman – City of Temple	Darrell Burtner – Hill Country Transit District
Yvonne Spell for Kristina Ramirez – City of Harker Heights	Victor Goebel – TxDOT Waco District

Additional Attendees

Andrew Zagars – City of Killeen*	Katerina Dittmore – GDS*
Kara Escajeda – City of Nolanville*	Gandolf Burrows – GDS*
Derek Czapnik – HCTD	Dan Malsom – Kimley Horn
Stephen Kasberg – TxDOT	Kaitlyn Ng – Kimley Horn
Amanda Mooney – TxDOT*	Uryan Nelson – KTMPPO
Gary Rushing – TxDOT*	Connie Quinto – KTMPPO
Brigida Gonzalez – TxDOT TPP*	Dominic Elizondo – KTMPPO*
Rachael Perry – TxDOT*	Hope Geiger – CTCOG

**Denotes online attendee*

Meeting Minutes:

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

Uryan Nelson informed the TAC of upcoming KTMPPO meetings through September and updated the group on KTMPPO's Federal Certification Review that was conducted in May. Mr. Nelson stated that projects for the FY23-26 TIP have not yet been submitted due to delays with approving the February and May revision of the FY21-24 TIP. Mr. Nelson announced that Officer elections for Policy Board would be conducted at the TPPB meeting on September 21st, 2022. Mr. Nelson provided updates on the Safe Street for All (SS4A)

Program and national Electric Vehicle Program, noting that KTMPO would like to apply for funding under the SS4A as a multi-regional application. Uryan Nelson presented the Maximum ozone air quality readings for the month of June were 62 parts per billion (ppb) at the Temple station and 60 ppb at the Killeen station.

4. Action Item: Approve minutes from the May 11, 2022, meeting.

David Williams made a motion to approve the May 11, 2022, meeting minutes, seconded by Robert Lewis; the motion passed unanimously.

5. Discussion and Action Item: Regarding Resolution 2022-07 supporting KTMPO's application for a Safe Streets & Roads for All (SS4A) Action Plan Grant.

Uryan Nelson provided a brief review of the CTCOG staff efforts to apply for the Safe Street for All Grant. Mr. Nelson stated that KTMPO intends to apply for an Action Plan Grant this year with the support of the CTCOG and our local government partners. No further discussion by the board was held on the topic.

Bob van Til made a motion to recommend approval of the Resolution 2022-07 supporting KTMPO's application for a Safe Streets & Roads for All (SS4A) Action Plan Grant, seconded by Jason Deckman; the motion passed unanimously.

6. Discussion and Action Item: Regarding amendments to Project N40-05, FM 439 Spur Connectivity in the FY21-24 Transportation Improvement Program (TIP) and 2045 Metropolitan Transportation Plan (MTP).

Kara Escajeda from the City of Nolanville spoke on how the increase of inflation is affecting the city. That the city is responsible for their 20% match and the overruns of the project, however with inflation the overruns have increase to an extent that the city cannot support, without effecting the let date and potential other approved projects.

Uryan Nelson mentioned that there is available money in the Cat 9 fund, however there is not enough to bring a new project to the committee. A majority of the discussion was around setting a precedent for future requests, with the rising inflation cost that will be hitting all projects. The group agreed that future requests for additional funding will need to be evaluated by the TAC on a case-by-case basis and approved for possible recommendation to the Policy Board.

Robert Lewis made a motion to table the agenda item until after agenda item #9, seconded by Victor Goebel; the motion passed unanimously.

Jason Deckman stated that he is comfortable applying new money to already existing projects. Bob van Til noted the need for a strategy to mitigate hyperinflation and asked how KTMPO is going to utilize funding for this issue.

Robert Lewis made a motion to recommend approval of the amendments to Project N40-05, FM 439 Spur Connectivity in the FY21-24 Transportation Improvement Program (TIP) and 2045 Metropolitan Transportation Plan (MTP), seconded by David Williams; the motion passed with 7 yeas and 1 nay by Bryan Neaves.

7. Discussion Item: Regarding amending the UPWP to shift dedicated Special Study funds to Administration so KTMPO can hire additional staff.

Uryan Nelson presented the topic of shifting dedicated Special Studies funds to Administration so KTMPO can hire additional staff. Uryan explained that Task 5, Special Studies has several placeholders subtasks with unused planning dollars. KTMPO is interested in transferring those dollars to Task 1, Administration to allow for more staff to be hired. Mr. Nelson added that additional staff will help the MPO be better able to respond to the large amounts of funding coming down the pipeline from the recently passed IJJA/BIL. No further discussion by the board was held on the topic.

8. Discussion Item: Regarding presentation on Public Involvement Dashboard Tool and project updates.

Dan Malsom with Kimley Horn gave a brief presentation for the KTMPO Public Involvement Dashboard tool to the committee. Mr. Malsom showed an overview of the way the data collection and tracking sheets work and the way the public will view the comment webpage. Uryan Nelson commented on the auto script running in the background after the public submit the form, and it automatically generating the data spreadsheets.

9. Discussion Item: Regarding update from TxDOT on major construction in the KTMPO area and project planning/development updates.

Stephen Kasberg and Victor Goebel gave a brief update on varies road and construction projects around bell county and the KTMPO area within the Waco District. Both Mr. Kasberg and Mr. Goebel highlighted two things effecting the industry is inflation and supply chain shortages. Victor Goebel commented a way to fight against inflation is by getting projects ready to let sooner. Mr. Goebel mentioned that this will being to hit our smaller communities. Mr. Goebel highlighted the available opportunity of Cat 7 fund project within the TIP and if it is ready to go, that the TPP division might allow you to let it as soon as possible to account for other MPOs not spending their Cat 7 funds.

10 Discussion Item: Regarding public input received through June 2022.

Public input received through June 2022 was presented to the TAC. Public comment received on May 13 about disliking construction on US 190, in Copperas Cove.

11. Member Comments:

No member comments.

12. Adjourn: The meeting adjourned at 10:50 a.m.

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

Uryan Nelson, KTMPO Director

Item 5:
Resolution 2022-08
PM3 Targets

Resolution 2022-08 supporting System Performance (PM3) targets for 2024 and 2026

Background

The Fixing America's Surface Transportation (FAST) Act requires the Metropolitan Transportation Plan (MTP) and the Transportation Improvement Program (TIP) to demonstrate a performance-based decision process that ties back to regional performance targets. 23 United States Code (U.S.C) Section 150 and the FAST Act require State DOTs and MPOs to establish performance standards and meet subsequent reporting requirements for the following national performance measures.

- Safety (PM1)
- Pavement and Bridge Condition (PM2)
- System Performance & Freight Travel Time Reliability (PM3)
- CMAQ (Congestion Mitigation and Air Quality) Improvement Program
- Transit Asset Management (State of Good Repair)
- Transit Agency Safety Plan (PTASP)

System Performance/Freight Rule

The System Performance/Freight Rule established performance measures for State DOTs and MPOs to use to report on the performance of the Interstate and non-Interstate National Highway System (NHS) for the purpose of carrying out the National Highway Performance Program (NHPP) and to assess freight movement on the Interstate system.

Under this rule the MPO is required to establish 3 different targets related to Travel Time Reliability and Freight Reliability:

1. Percent of 'reliable' person miles traveled on the Interstate system
2. Percent of 'reliable' person miles traveled on the non-Interstate NHS system
3. Ratio of unreliable truck travel to average truck travel on the Interstate system

The Texas A&M Transportation Institute (TTI) assists TxDOT with analyzing the National Performance Measure Research Data Set (NPMRDS) and providing recommended targets to each MPO in Texas. Reliability targets are set every 4 years but can be adjusted at the 2 year midpoint if necessary.

KTMP last approved the TTI recommended Reliability targets on December 16, 2020 for 2022.

TTI recommends the following reliability targets for the KTMPO area for the next 4-year period.

System	Adopted 2022 Target	2024 Target Recommendation	2026 Target Recommendation
Interstate All Traffic	97%	97%	97%
Non-Interstate All Traffic	75%	75%	755
Interstate Truck Ratio	1.70	1.70	1.75

A copy of a Resolution supporting the recommended reliability targets for the KTMPO area for 2024 and 2026 is included in the meeting packet review.

Action Needed: Consider recommending approval of Resolution 2022-08 supporting System Performance (PM3) targets for 2024 and 2026.



RESOLUTION NO. 2022-08

A RESOLUTION OF THE KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION (KTMPo) SUPPORTING THE 2024 AND 2026 SYSTEM PERFORMANCE (PM3) TARGETS FOR KTMPo ESTABLISHED BY THE TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT).

WHEREAS; Title 23 CFR Part 490 and the Fixing America's Surface Transportation (FAST) Act requires KTMPo to establish travel time reliability targets unique to the Killeen-Temple Metropolitan Area for the following measures:

1. Percent of 'reliable' person miles traveled on the Interstate system
2. Percent of 'reliable' person miles traveled on the non-Interstate NHS system
3. Ratio of unreliable truck travel to average truck travel on the Interstate system

WHEREAS; the Texas A&M Transportation Institute (TTI) has performed an analysis of each MPO within Texas on behalf of TxDOT and provided target recommendations for the three travel time reliability measures; and

WHEREAS; KTMPo, which serves as the metropolitan planning organization (MPO) for the Killeen-Temple Metropolitan Area, has the responsibility under the provisions of the FAST Act to develop and carry out a continuing, cooperative and comprehensive transportation planning process for the Metropolitan Area; and

WHEREAS; pursuant to KTMPo's responsibilities as the MPO for the region must agree to support and accept the State performance targets or set other targets for the Killeen-Temple Metropolitan Area.

NOW, THEREFORE, BE IT RESOLVED that the Killeen-Temple Metropolitan Planning Organization Transportation Planning Policy Board agrees to adopt the following regional travel time reliability performance targets for the years 2024 and 2026; and

System	Adopted 2022 Target	2024 Target Recommendation*	2026 Target Recommendation*
Interstate All Traffic	97%	97%	97%
Non-Interstate All Traffic	75%	75%	75%
Interstate Truck Ratio	1.70	1.70	1.75

*Texas A&M Transportation Institute (TTI)

BE IT FURTHER RESOLVED that the KTMPo Policy Board will reflect these targets in the Transportation Improvement Program and Metropolitan Transportation Plan and plan and program projects that contribute to the accomplishment of said targets.



PASSED AND ADOPTED on this 17th day of August 2022, at a regular meeting of the KTMPO 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:

Mayor Spencer H. Smith, KTMPO TPPB Chair

Uryan Nelson, KTMPO Director

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Item 6:

**MPO-TxDOT Self
Certification Statement
Update**

MPO-TxDOT Self Certification Language Update

Background

Every 2 years, KTMPO develops the Transportation Improvement Program (TIP) which is the short term planning document including a detailed listing of projects reasonably expected to begin within a four-year period. KTMPO's TIP is submitted to TxDOT to be included in the Statewide Transportation Improvement Program (STIP) and approved by the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA).

As part of this submittal and approval process, the State and KTMPO are required under 23 CFR Part 450.336 to certify that the metropolitan transportation planning process is being carried out in accordance with all applicable federal requirements. This certification is included in the TIP as Appendix C: MPO-TxDOT Self Certification Form.

Updates

With the passage of the Infrastructure Investment and Jobs Act (IIJA), TxDOT advised that all MPOs review and revise their Self-Certification language for accuracy and consistency with the latest federal requirements.

The updates to language in KTMPO's Self-Certification form are minor and can be reviewed in the meeting packet.

Action Needed: Consider recommending approval of updates to the MPO-TxDOT Self Certification form in KTMPO's TIP.

APPENDIX C: MPO Self-Certification

In accordance with 23 ~~Code of Federal Regulations (CFR)~~ part 450.334336, the Texas Department of Transportation and the Killeen-Temple Metropolitan Planning Organization for the Killeen and Temple urbanized area(s) hereby certify that the metropolitan transportation planning process is addressing the major issues in the metropolitan planning area and is being carried out in accordance with all applicable requirements includingof:

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- 1) ~~23 United States Code (U.S.C.)~~ 134, 49 U.S.C. 5303, and 23 CFR 450 subpart C ~~Metropolitan Transportation Planning and Programming;~~
- 2) ~~In nonattainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 CFR part 93;~~
- 3) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
- 4) 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- 5) Section 1101(b) of the ~~FAST Act Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU (Public Law 109114-59357))~~ and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in US_DOT-funded projects;
- 6) 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- 7) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and ~~49 CFR parts 27, 37, and 38~~;
- 8) The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- 9) Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
- 10) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

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APPENDIX C: MPO SELF-CERTIFICATION

In accordance with 23 CFR part 450.336, the Texas Department of Transportation and the Killeen-Temple Metropolitan Planning Organization for the Killeen and Temple urbanized area(s), hereby certify that the metropolitan transportation planning process is addressing the major issues in the metropolitan planning area and is being conducted in accordance with all applicable requirements of:

- 1) 23 U.S.C 134, 49 U.S.C 5303, and this 23 CFR 450 subpart C;
- 2) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
- 3) 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- 4) Section 1101(be) of the FAST Act (Public Law 114-357) and 49 CFR part 26 regarding the involvement of Disadvantaged Business Enterprises in US DOT-funded projects;
- 5) 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- 6) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and (49 CFR parts 27, 37, and 38);
- 7) The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- 8) Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
- 9) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

Waco District
Texas Department of Transportation

Metropolitan Planning Organization
Policy Board Chairperson

District Engineer

Chairperson

Date

Date

Brownwood District
Texas Department of Transportation

District Engineer

Date

Item 7:
UPWP Amendment #2

Amendment #2 to the FY22-23 Unified Planning Work Program (UPWP)

UPWP Background

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

Amendments

Staff recommends the following amendments to the UPWP:

1. Update the Planning Emphasis Area (PEAs) language
 - Implement policies and projects that make the regional street system safe for all road users including pedestrians, bicyclists, transit riders, micro-mobility users, freight delivery services, and motorists of all ages and abilities;
 - Increase the amount of meaningful public involvement in transportation planning by integrating Virtual Public Involvement (VPI) tools into the overall public involvement approach while ensuring continued participation from individuals without access to computers and mobile devices;
 - Coordinate with representatives from DOD in the transportation planning and project programming process on infrastructure and connectivity needs for STRAHNET routes and other public roads that connect to DOD facilities;
 - Coordinate with FLMAs in the transportation planning and project programming process on infrastructure and connectivity needs related to access routes and other public roads and transportation services that connect to Federal lands;
 - Implement Planning and Environment Linkages (PEL) as part of the transportation planning and environmental review processes; and
 - Incorporate data sharing and consideration into the transportation planning process.
2. Add Performance Measure language from the Transportation Improvement Program (TIP) and Metropolitan Transportation Plan (MTP)

REGIONAL PERFORMANCE MEASURES:

The FAST Act required KTMP to adopt regional performance targets to better utilize transportation investments in the KTMP region. In this approach, goals, measures, and data are used to inform policy makers about how to invest in a better performing regional transportation system. Transportation funds are intended to target projects aimed at achieving regional performance targets for the following measures:

- Safety
 - Pavement & Bridge Condition
 - System Performance (Travel Time Reliability) & Freight Reliability
 - Transit Asset Management/State of Good Repair
 - Public Transportation Agency Safety
3. Move funds from Task 5, Special Studies to Task 1, Administration; Task 2, Data Development; Task 3, Short Range Planning; and Task 4, Metropolitan Transportation Plan.

See attached budget tables.

Action Needed: Consider recommending approval of Amendment #2 to the FY22-23 Unified Planning Work Program (UPWP).

Task 1.0 - FY22/23

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY22	FY23	FY22	FY23	FY22	FY23	
1.1 ADMINISTRATION	KTMP	\$453,738	\$453,738 \$653,738	\$0	\$0	\$0	\$0	\$907,476 \$1,107,476
1.2 TRAINING	KTMP	\$3,500	\$3,500	\$0	\$0	\$0	\$0	\$7,000
1.3 TRAVEL	KTMP	\$7,000	\$7,000	\$0	\$0	\$0	\$0	\$14,000
1.4 EQUIPMENT	KTMP	\$10,500	\$10,500	\$0	\$0	\$0	\$0	\$21,000
1.5 OPERATING COST	KTMP	\$100,620	\$100,620	\$0	\$0	\$0	\$0	\$201,240
Total		\$575,358	\$575,358 \$775,358	\$0	\$0	\$0	\$0	\$1,150,716 \$1,350,716

Task 2.0 - FY22/23

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY22	FY23	FY22	FY23	FY22	FY23	
2.1 DATABASE MAINTENANCE	KTMP	\$10,578	\$10,578 \$30,578	\$0	\$0	\$0	\$0	\$21,156 \$41,156
2.2 GIS DEVELOPMENT	KTMP	\$10,578	\$10,578 \$30,578	\$0	\$0	\$0	\$0	\$21,156 \$41,156
Total		\$21,156	\$21,156 \$61,156	\$0	\$0	\$0	\$0	\$42,312 \$82,312

Task 3.0 - FY22/23

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY22	FY23	FY22	FY23	FY22	FY23	
3.1 TIP	KTMP	\$38,652	\$38,652 \$48,652	\$0	\$0	\$0	\$0	\$77,304 \$87,304
3.2 REGIONAL PLANNING	KTMP	\$8,057	\$8,057 \$28,057	\$0	\$0	\$0	\$0	\$16,114 \$36,114
3.3 HCTD TEMPLE UZA PLANNING	HCTD	\$0	\$0	\$16,717	\$9,566	\$1,858	\$9,566	\$37,707
3.4 HCTD KILLEEN UZA PLANNING	HCTD	\$0	\$0	\$29,512	\$16,887	\$3,279	\$16,888	\$66,566
Total		\$46,709	\$46,709 \$76,709	\$46,229	\$26,453	\$5,137	\$26,454	\$197,691 \$227,691

Task 4.0 - FY22/23

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY22	FY23	FY22	FY23	FY22	FY23	
4.1 MTP 2045 IMPLEMENTATION	KTMP	\$122,257	\$122,257 \$262,257	\$0	\$0	\$0	\$0	\$244,514 \$384,514
4.2 CONGESTION MANAGEMENT PROCESS (INTERNAL)	KTMP	\$4,700	\$4,700 \$14,700	\$0	\$0	\$0	\$0	\$9,400 \$19,400
Total		\$126,957	\$126,957 \$276,957	\$0	\$0	\$0	\$0	\$253,914 \$403,914

Task 5.0 - FY22/23

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY22	FY23	FY22	FY23	FY22	FY23	
5.1 TRAVEL DEMAND MODEL	KTMPo	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$100,000
5.2 CONGESTION MANAGEMENT PROCESS	KTMPo	\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$50,000
5.3 I-35 Freight Corridor Study	KTMPo	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
5.4 Regional Bridge Height Study	KTMPo	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
5.5 Bike Share Feasibility Study	KTMPo	\$40,000	\$0	\$0	\$0	\$0	\$0	\$40,000
5.6 Public Involvement Study	KTMPo	\$35,000	\$0	\$0	\$0	\$0	\$0	\$35,000
5.7 Trail Utilization Study	KTMPo	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
5.8 Signalization Study	KTMPo	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
5.9 Special Study	KTMPo	\$150,000 \$0	\$150,000 \$0	\$0	\$0	\$0	\$0	\$300,000 \$0
5.10 MPO Dashboard	KTMPo	\$350,000	\$0	\$0	\$0	\$0	\$0	\$350,000
5.11 Special Study	KTMPo	\$0	\$35,000	\$0	\$0	\$0	\$0	\$35,000
5.12 Special Study	KTMPo	\$0	\$35,000	\$0	\$0	\$0	\$0	\$35,000
5.13 Special Study	KTMPo	\$0	\$35,000 \$0	\$0	\$0	\$0	\$0	\$35,000 \$0
5.14 Special Study	KTMPo	\$0	\$35,000 \$0	\$0	\$0	\$0	\$0	\$35,000 \$0
5.15 Special Study	KTMPo	\$0	\$50,000 \$0	\$0	\$0	\$0	\$0	\$50,000 \$0
Total		\$720,000 \$570,000	\$415,000 \$145,000	\$0	\$0	\$0	\$0	\$1,135,000 \$715,000

UPWP BUDGET SUMMARY FY22/23

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY22	FY23	FY22	FY23	FY22	FY23	
1. ADMINISTRATION - MANAGEMENT	KTMPPO	\$575,358	\$575,358 \$775,358	\$0	\$0	\$0	\$0	\$1,150,716 \$1,350,716
2. DATA DEVELOPMENT AND MAINTENANCE	KTMPPO	\$21,156	\$21,156 \$61,156	\$0	\$0	\$0	\$0	\$42,312 \$82,312
3. SHORT RANGE PLANNING	KTMPPO & HCTD	\$46,709	\$46,709 \$76,709	\$46,229	\$26,453	\$5,137	\$26,454	\$197,691 \$227,691
4. METROPOLITAN TRANSPORTATION PLAN	KTMPPO	\$126,957	\$126,957 \$276,957	\$0	\$0	\$0	\$0	\$253,914 \$403,914
5. SPECIAL STUDIES	KTMPPO	\$720,000 \$570,000	\$415,000 \$145,000	\$0	\$0	\$0	\$0	\$1,135,000 \$715,000
Total		\$1,490,180 \$1,340,180	\$1,185,180 \$1,335,180	\$46,229	\$26,453	\$5,137	\$26,454	\$2,779,633

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Item 8:

TIP Viewer

Dashboard Tool

Kimley Horn TIP Viewer Dashboard Tool

In November 2021, 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 on a new KTMPO TIP Viewer Dashboard Tool they have been working on.

Link: [KTMPPO TIP Viewer Dashboard Tool](#)

Action Needed: No action needed; for discussion only.

Item 9:
TxDOT HSIP Presentation

TxDOT Highway Safety Improvement Program (HSIP) Presentation

Background

The Texas Highway Safety Improvement Program (HSIP) is a federally mandated program managed by TxDOT. The HSIP is directed by Texas' Strategic Highway Safety Plan (SHSP) and works to achieve the main objective of significantly reducing traffic fatalities and serious injuries on all public roads throughout the state. Texas' SHSP identifies the emphasis areas and strategies that the HSIP will focus on to meet the state's objectives of reducing fatal and serious injury crashes in Texas.

The HSIP also supports the vision of TxDOT's "Road to Zero" mission which was adopted by the Texas Transportation Commission on May 30, 2019 and has the overall goal to reduce fatalities by half in 2035 and eliminate fatalities on Texas roads by 2050.

Today, a representative from TxDOT's Waco District will provide a brief presentation to the Committee on HSIP and associated funding opportunities.

Action Needed: No action needed; for discussion only.

Item 10:

Public Input

Public Input Received

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

Action Needed: No action needed; for discussion only.



KTMP Public Comments

FY22

Date	Name	Means of Public Comment	Public Comment	Date Comment Was Presented to TAC	Public Comment Topic	Jurisdiction
5/13/2022	Thomas Dyer	Email	Your project in Copperas Cove down the middle of US 190 is terrible. We didn't ask for it. We didn't vote for it. We don't want it.	7/6/2022	Roadway	Copperas Cove

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Grant Opportunities

- **Bridge Investment Program (BIP):**

~~Deadline July 25, 2022 (Planning Application)~~

Deadline August 9, 2022 (Large Bridge Project)

Deadline September 8, 2022 (Bridge Project)

Federal Highway Administration (FHWA):

Description: The Bridge Investment Program provides funding for bridge replacement, rehabilitation, preservation, or protection projects that improve the safety, efficiency, and reliability of the movement of people and freight over bridges; and improve the condition of bridges in the United States. The Program also provides funding for planning to improve a bridge.

There are 3 different categories of BIP funding: Planning, Bridge Projects (less than \$100 million), and Large Bridge Projects (greater than \$100 million). Applicants may submit for any of the three funding categories, but each has distinct eligibility and selection criteria and application deadlines (see above).

Estimated Funding Available: \$2,360,000,000

Award Ceiling: \$10,000,000,000

Award Floor: \$2,500,000

[Click Here](#) for more information!

- **Safe Streets & Roads for All (SS4A) Program:**

Deadline September 15, 2022

Department of Transportation (DOT):

Description: SS4A is a new grant program established by the BIL/IIJA to support planning, infrastructure, behavioral, and operational initiatives to prevent death and serious injury on roads and streets involving all roadway users.

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

Award Ceiling: \$50,000,000

Award Floor: \$200,000

[Click Here](#) for more information!

- **FY22 Railroad Crossing Elimination (RCE) Grant Program:**

Deadline October 4, 2022

Federal Railroad Administration (FRA):

Description: The purpose of the RCE is to provide funding for highway-rail and pathway-rail grade crossing improvement projects that focus on improving the safety and mobility of people and goods.

Estimated Funding Available: \$573,264,000

Award Ceiling: \$573,264,000

Award Floor: \$0

[Click Here](#) for more information!

- **Reconnecting Communities Pilot Discretionary Grant Program:**

Deadline October 13, 2022

Department of Transportation (DOT):

Description: The purpose of the Reconnecting Communities Program is to reconnect communities by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development. The program will award two types of grants: Planning Grants & Capital Construction Grants.

Estimated Funding Available: \$195,000,000

Award Ceiling: \$100,000,000

Award Floor: \$100,000

[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 (2022-2031) Projects with Allocated Funding as of March 2022 and Listed in the Transportation Improvement Program (TIP)

CATEGORY 2 PROJECTS (METROPOLITAN CORRIDORS)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}
T45-18	0320-01-079	SH 95 Turn Lanes	Barnhard Rd to 0.6 mi. S of Barnhard Rd	Construct turn lanes on the west side of SH 95 for acceleration and deceleration	22	25	\$1,219,000	2023		Allocation: \$36,733,000 FY23-26 UTP Fiscal Constraint: \$68,585,914
W35-01	0231-01-003 0231-19-003 0231-02-067	US 190 Bypass	0.6 mi W of FM 2657 to 0.15 mi E of Clarke Rd	Widen from two lane to four lane divided highway and construct interchanges	3	3	\$35,514,000	2025		

CATEGORY 4 PROJECTS (STATEWIDE CONNECTIVITY)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}
W35-01	0231-19-003	US 190 Bypass	Coryell County Line to US 190 W of Clarke Rd	Widen from two lane to four lane divided highway and construct interchanges	3	3	\$36,950,000	2025		Allocation: \$36,950,000 FY23-26 Fiscal Constraint: \$69,649,194

CATEGORY 7 PROJECTS (SURFACE TRANSPORTATION PROGRAM-METROPOLITAN MOBILITY)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}
K30-13a	0909-36-175	Chaparral Rd Phase 1	SH 195 to E Trimmier Rd	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.	1	1	\$12,880,000	2026		Allocation: \$42,244,100 (includes transit) FY23-26 UTP Fiscal Constraint: \$25,980,542
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 Old Waco Rd (future Outer Loop West) from two lanes to four lane divided roadway with a curb and gutter, Phase 1	17	4	\$10,298,198	2023	P, H	
N40-03	0909-36-184	Old Nolanville Rd Bridge	Bridge on Old Nolanville Rd to IH-14	Reconstruct bridge on Old Nolanville Rd at South Nolan Creek and add a shared used path next to the roadway	9	5	\$1,924,841	2022	—	
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 W Main St/Luther Curtis Rd from 2 to 3 lanes; add center turn lane and install 12 ft Shared Use Path (SUP)	33	7	\$3,200,000	2023		
H30-05b	0909-36-171	Warrior's Path Phase 2	Pontotoc Trace to FM 2410	Upgrade Warriors Path by adding a left turn lane, reconstructing the curb & gutter, adding a 6 ft sidewalk on the west side of the road and a 10 ft Shared Use Path (SUP) on the east side of the road	36	8	\$3,581,020	2023	H	
S45-01	0909-36-183	Royal St Improvements	Smith Branch Rd to FM 2286 (Main St)	Pulverize the existing asphalt, stabilize the remaining base and apply two inch HMA surface along Royal Street from Smith Branch Rd to FM 2268; install ribbon curb on both sides of the road	46	9	\$1,005,200	2022		
K45-03	0909-36-185	W Rancier Ave	Ft Hood St (SH 195) to WS Young Dr	Construct 6 ft wide concrete sidewalk, pedestrian signals, ADA ramps and crosswalks along W Rancier Ave	1	1	\$3,240,000	2024		
B45-02	0015-05-051 0015-18-007	E 6th Ave Sidewalk	SH 317 (Main St.) to IH-35	Construct 5 ft sidewalks along both sides of E 6th Ave (FM 93) from SH 317 (Main St) to IH-35	2	2	\$1,912,860	2026		
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 and bike trail along the old Georgetown Railroad route between 31st St and 5th St	3	3	\$1,200,000	2023		
S45-03	0909-36-187	Williams Road Sidewalks	FM 2484 to W Village Rd	Construct ADA accessible sidewalks adjacent to Williams Rd from FM 2484 to W Village Rd	19	5	\$647,024	2022		

MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)											
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}	
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 and bike trail along the old Georgetown Railroad route between 31st St and 5th St	3	3	\$476,497	2023		Allocation: \$1,605,445 FY23-26 UTP Fiscal Constraint: \$1,576,040	
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	7	4	\$423,611	2023	P		
N40-05	2057-01-012	FM 439 Spur Connectivity	Main St to North Dr	Construct a 10 ft wide shared use path (SUP), with ADA ramps & crosswalks along the west side of FM 439 Spur	6	4	\$705,337	2022			
STATEWIDE CATEGORY 9 PROJECTS (SAFE ROUTES TO SCHOOL PROGRAM)											
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}	
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	\$277,571	2023	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 to 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	\$835,054	2024	N/A		
CATEGORY 3 LOCALLY FUNDED PROJECTS											
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}	
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	\$5,015,690	2023	—	Local Contribution (Cat 3) Allocation: \$9,966,738 Fiscal Constraint: n/a	
B45-13		E Central Ave Bridge Replacement	E Central Ave Bridge @ Nolan Creek to Spring St	Remove the E Central Ave bridge over Nolan Creek. Extend Spring St east and construct new bridge over Nolan Creek; reconnect to Central Ave on east side of the creek	N/A	N/A	\$4,435,426	2023			
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 and bike trail along the old Georgetown Railroad route between 31st St and 5th St	3	3	\$400,000	2023			
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	7	4	\$115,622	2023	P		
TRANSIT PROJECTS											
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}	
A45-02	0909-36-191	HCTD Bus Replacement	Killeen UZA - Four, Temple UZA - Two	Purchase buses to provide transportation	N/A	N/A	\$2,354,957	2024	—	(Cat 7) Allocation: \$2,354,957 Fiscal Constraint: see above	
GROUPED PROJECTS										4 Year Total TIP Allocation: \$126,697,645 *Excludes grouped projects, matches current TIP financial summary	
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	FY2023-2026 TIP					10 Year Total UTP Fiscal Constraint: \$275,205,025	
G01-PE	Various CSJs	Preventative Projects	Various Locations	Various Descriptions	\$0					MTP 10 Year Short Range Fiscal Constraint: \$49,500,000	
G03-MT	Various CSJs	Maintenance Projects	Various Locations	Various Descriptions	\$83,664,398					MTP Long Range Fiscal Constraint: \$405,700,000	
G04-BR	Various CSJs	Bridge Projects	Various Locations	Various Descriptions	\$22,016,200						
G06-SA	Various CSJs	Safety Projects	Various Locations	Various Descriptions	\$5,296,852						
G07-LA	Various CSJs	Landscaping Projects	Various Locations	Various Descriptions	\$187,200						
G09-BP	Various CSJs	Bike & Pedestrian Projects	Various Locations	Various Descriptions	\$603,413						

Proposed Roadway, Transportation Choices/Livability,Transit, and Preventative Maintenance Projects											
ROADWAY PROJECTS											
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}	
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	1	1	\$12,880,000	2025	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	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	3	3	\$67,200,000	2025	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	6	4	\$28,000,000	2027	P, H		
C45-02	N/A	SH 9 Offramp	SH 9 to BUS US 190	New construction 1 ln direct connector	20	6	\$1,960,000	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	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	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	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	12	16	\$16,800,000	2026	EJ, H, P		
W35-07	0320-06-008	Loop 363	Lucius McCelvey Dr to Industrial Blvd	Expand to 4 ln, intersections @ Lucius McCelvey & Industrial	16	20	\$50,400,000	2025	H		
T15-06k	0015-14-109	IH 35	US 190 to LP 363	Widen from 6 ln to 8 ln	5	11	\$308,000,000	2031	EJ, H	Categories 2, 7 Years 11-25 Long Range Allocations: \$361,767,429 MTP Long Range Fiscal Constraint: \$364,100,000 Available: \$2,322,571	
W30-23	0184-04-051	US 190	FM 1741 to FM 436	Expand to 4 FRWY with grade separation and FRTG	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	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	13	17	\$15,153,600	2027			
K30-23	N/A	Jasper Dr overpass	Daisy Dr to S 2nd St	Widen to 8 ln	14	18	\$27,583,528	TBD			
K40-11	N/A	W S Young Dr	Illinois Ave to Elms Rd	Access management	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	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	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	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	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	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	23	27	\$5,264,000	2027			
W35-03	N/A	SH 195	FM 3470 to Chaparral Rd	Expand to 4 FRWY with FRTG	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	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	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	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	28	32	\$8,400,000	TBD			
K40-17	N/A	W Trimmier Rd	Stagecoach Rd to Chaparral Rd	Widen to 4 CLT	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	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	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	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	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	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	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	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	39	41	\$4,631,200	2023			
W30-21	N/A	Loop 363 Intersection	LP 363 @ FM 2305	Reconstruct the interchange	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	42	43	\$9,689,120	2027		Regionally Significant Unfunded List: \$530,942,577
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	43	44	\$13,552,000	2025		
B40-09	N/A	Avenue D West	Near Kennedy Ave to Wheat Rd	New construction 2 In 10' shared use path	44	45	\$5,508,720	TBD		
B45-10	N/A	Southwest Parkway South	Loop 121 to Shanklin Rd W	New construction 3 In, 10' shared use path, 5' sidewalk	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 In	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 In to 4 In CLT	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 In 10' shared use path	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	50	50	\$903,578	2021		
B45-11	N/A	Shanklin Rd N-S	Loop 121 to Shanklin Rd E-W	New construction 3 In, 10' shared use path, 5' sidewalk	51	51	\$6,720,000	TBD		
B30-03	N/A	Belton Outer Loop East	IH-35 @ Shanklin Rd to FM 436	New construction 2 In, 10' shared use path	52	52	\$13,507,200	TBD		
B45-09	N/A	Toll Bridge Rd	Elmer King Rd to Shanklin Rd	Widen to 4 In collector, 10' shared use path	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	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	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	56	56	\$1,310,400	2022		
B30-01	N/A	George Wilson Rd extension	FM 93 to FM 439	New construction 2 In, 10' shared use path	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	58	58	\$5,936,000	TBD		
H30-03	N/A	FM 3219	BUS US 190 (VMB) to FM 439	Widen from 2 In to 4 In divided and elevate, 6' sidewalks on both sides	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	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	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	—	
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	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	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	--	
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	—	
W30-06	N/A	Killeen Airport Entrance	SH 201 at Killeen Airport Entrance	Construct interchange	N/A	N/A	N/A	N/A	EJ, H	
H30-05c	N/A	Warriors Path Upgrade Phase 3	Nolan Middle School to Old Nolanville Rd (northern limit)	Upgrade existing roadway and sidewalks; add traffic signal at Old Nolanville Rd	N/A	N/A	\$9,150,700	N/A	No	

TRANSPORTATION CHOICES/LIVABILITY PROJECTS										
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}
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	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.	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.	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	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.	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	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	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	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	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	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	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	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	15	16	\$672,000	2025		
T25-05	N/A	FM 2271 Trail	FM 2305 to Miller Springs Nature Area	Construct 8 ft wide trail	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	17	18	\$436,837	2025		
S45-04	N/A	Thomas Arnold Road Sidewalks	Salado School Rd to IH-14	Construct ADA accessible concrete sidewalks.	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.	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	21	21	\$856,800	2025		
S45-05	N/A	West Village Road Sidewalks	Thomas Arnold Rd to Williams Rd	Construct ADA accessible concrete sidewalks.	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	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	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	—	Unscored/Unfunded List
S40-04b	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	\$2,223,044	N/A	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	\$1,300,000	N/A	EJ, ARZ	

TRANSIT PROJECTS										
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}
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.

²Note: 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.

³Estimated Let Date for TIP projects based on latest information provided by TxDOT and the project sponsor. For Long Range projects, the date listed was provided by the sponsor when they submitted the project.

⁴Environmental 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

*Note - for full information and detials regarding the project selection process, project ranking discussions, determination of project funding, and any other topic please visit the KTMPO website (www.ktmpo.org) and search the meeting minutes and/or meeting recording files. The infomration provided here is for informational purposes only and is subject to frequent change.

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

⁵Fiscal 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

⁶**Funding/Fiscal Constraint Notes (Cat 2, 7, 9):**

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 ⁵)

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 exhauseted, 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 7 and Category 9 funding estimates.
Porjects in the Roadway Track are allocated funding from the latest Category 2 and Category 7 funding 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

*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 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	\$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	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	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	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	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	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	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	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	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	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)	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	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	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	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	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	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	\$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	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	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	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	\$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	\$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	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	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	\$1,582,363	2021	No	EJ, P	FY21 Cat 9 TASA Allocation: \$1,582,363
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	14	5	\$30,800,000	2021	Yes	EJ, H, P	FY21 Cat 2M Allocation: \$30,800,000
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	2	2	\$1,913,044	2021	Yes	EJ, H	
N40-04	0909-36-167	Nolanville City Park Connectivity	Park (North Mesquite) along Ave H to 10th St	Construct ADA compliant sidewalks, ramps, and crosswalks	6	3	\$1,247,042	2021	No	P	FY21 Cat 7 Allocation: \$1,247,042

End of Packet