



Transportation Planning Policy Board

**November 16, 2022
9:30 a.m.**

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Agenda



**Killeen-Temple Metropolitan Planning Organization
Transportation Planning Policy Board (TPPB)**
Wednesday, November 16, 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.8-9)*
 - a) Meeting Schedule;
 - b) Other Updates;
 - c) Air Quality.
4. **Action Item:** Regarding approval of minutes from the September 21, 2022 meeting. *(pg.12-14)*
5. **Discussion and Action Item:** Regarding moving the December 21st Policy Board meeting date. *(pg.16)*
6. **Discussion and Action Item:** Regarding initiation of public involvement for amendments to the FY23-26 Transportation Improvement Program (TIP) and 2045 Metropolitan Transportation Plan (MTP) for projects: *(pg.18-28)*
 - a) C45-02 – Business US 190 Turnaround
 - b) T35-36a – Veterans Memorial Blvd Phase II
 - c) T40-07a – Temple Outer Loop West Phase I
 - d) T45-18 – SH 95 Turn Lanes
 - e) W35-01 – Copperas Cove US 190 Bypass
7. **Discussion Item:** Regarding FY2022-2023 Unified Planning Work Program (UPWP) amendments for Special Studies. *(pg.30)*
8. **Discussion Item:** Regarding update on the KTMPO Data Dashboard project. *(pg.32-36)*
9. **Discussion Item:** Regarding TxDOT updates on major construction and project development in the KTMPO area. *(pg.38-46)*



10. **Discussion Item:** Regarding public input received through October 2022. *(pg.49-50)*
11. Member comments.
12. Adjourn.

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Item 3:

Staff Update

Staff Update

a) Listed below are the upcoming KTMPO meetings:

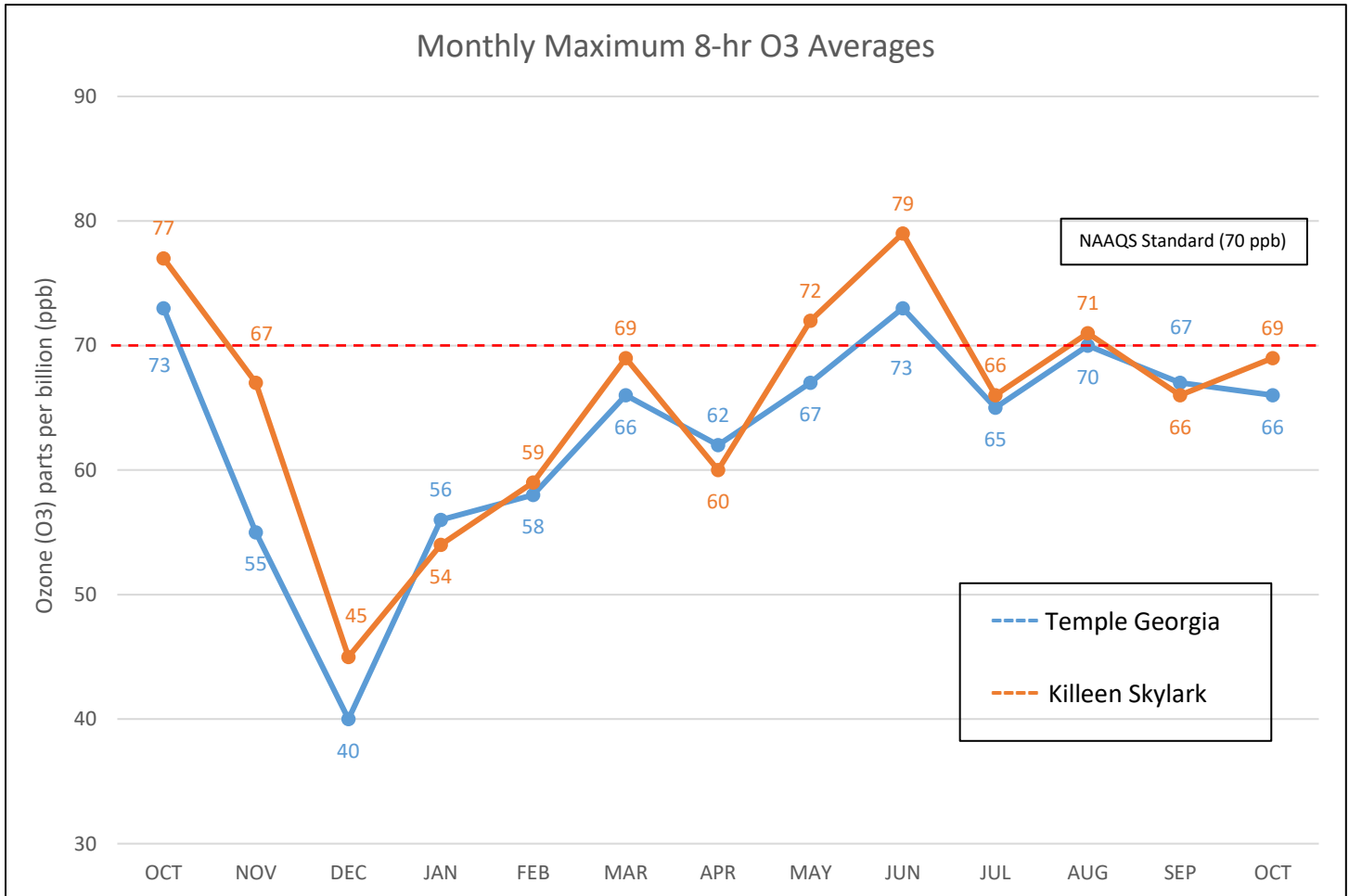
- December 7, 2022 – Technical Advisory Committee
- December 14, 2022 – Bicycle Pedestrian Advisory Committee
- December 21, 2022 – Transportation Planning Policy Board*
- January 11, 2023 – Technical Advisory Committee
- January 18, 2023 – Transportation Planning Policy Board

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

b) Other Updates:

- Federal Certification Review
 - Received FCR draft report on October 11th
 - FHWA noted 1 corrective action and 13 recommendations, along with 5 commendations
- Bell County Thoroughfare Plan
 - Public meeting held on Monday, October 24
- TxDOT FY23 Statewide Transportation Alternatives (TA) Call for Projects
 - Call will now open on December 2, 2022
 - Funding for bicycle/pedestrian infrastructure projects
 - Any community eligible to apply
- USDOT Proposed Buy America Waivers ([Link](#))
 - Not extending temporary waivers for construction materials
 - Awards obligated on or after November 10 will be subject to the new requirements
 - Comment period is open through November 20
- Texas A&M Rellis Campus Tour
- AMPO Conference
- Quarterly KTMPO Workshops

c) Air Quality



| Compliance with EPA Ozone Standard: 4th Highest Annual Value | | | | 3-year average (Calculated on Oct. 27, 2022) |
|---|------|------|-------|--|
| | 2020 | 2021 | 2022* | |
| Temple | 64 | 67 | 67 | 66 |
| Killeen | 63 | 70 | 67 | 67 |

Action Needed: No action needed; for discussion only.

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Item 4:

Meeting Minutes



KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION (KTMPO)

Transportation Planning Policy Board (TPPB)

Wednesday, September 21, 2022

9:30 AM

Regular Meeting

Central Texas Council of Governments (CTCOG)

2180 North Main Street

Belton, TX 76513

Policy Board Voting Members Present

| | |
|--|---|
| Chair Mayor Spencer H. Smith – City of Harker Heights | Councilmember Ramon Alvarez – City of Killeen |
| Vice Chair Judge Roger Miller – Coryell County | Councilmember Michael Boyd – City of Killeen |
| Bob van Til for Councilmember David Leigh – City of Belton | Mayor Tim Davis – City of Temple |
| Ryan Haverlah for Mayor Dan Yancey – City of Copperas Cove | Councilmember Susan Long – City of Temple |
| Councilmember Riakos Adams – City of Killeen | Commissioner Bobby Whitson – Bell County* |
| | Darrell Burtner – Hill Country Transit District |
| | Victor Goebel – TxDOT Waco District |

Policy Board Non-Voting Members Present

Additional Attendees

| | |
|--|--|
| Bobby Lewis – City of Copperas Cove* | Uryan Nelson – KTMPO Director |
| Kristina Ramirez – City of Harker Heights* | Connie Quinto – KTMPO Assistant Director |
| Yvonne Spell – City of Harker Heights* | James McGill – KTMPO |
| Andrew Zagars – City of Killeen* | Hope Geiger – KTMPO |
| Jason Deckman – City of Temple* | Anita Janke -- KTMPO |
| Derek Czapnik – Hill County Transit District | Dominic Elizondo – KTMPO |
| Brenton Lane – TxDOT Waco District | Kolin Yancey -- CTCOG |

**Denotes online attendee*

Meeting Minutes:

- 1. Call to Order:** Mayor Spencer Smith called the meeting to order at 9:30 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 KTMPO meetings through December. Mr. Nelson gave a brief update presentation on the 2023 UTP. Mr. Nelson updated the group on KTMPO's Federal Certification Review, and the FY23-26 TIP status. Mr. Nelson stated that the Safe Streets for All Grant was submitted to USDOT, and that staff continued to work on the Bell County Thoroughfare Plan Update. Mr. Nelson mentioned the Greenhouse Gas Performance Measures discussed at the AMPO meeting. Mr. Nelson reminded the Board of a potential tour of the Texas A&M Rellis Campus on November 9th. Mr. Nelson noted that staff will be reviewing the official Census Urban areas expected to be released in December and that the new numbers will likely require an update to the KTMPO Bylaws. Maximum ozone air quality readings for the month of August were 70 parts per billion (ppb) at the Temple station and 71 ppb at the Killeen station.

4. Action Item: Approve minutes from the August 17, 2022, meeting.

Councilmember Riakos Adams made a motion to approve the August 17, 2022, meeting minutes, seconded by Councilmember Susan Long; the motion passed unanimously.

5. Discussion and Action Item: Regarding nomination and election of TPPB Chair for FY2023.

Judge Roger Miller was nominated to be TPPB Chair for FY2023, no other nominations were made.

Councilmember Riakos Adams made a motion to approve Judge Roger Miller as TPPB Chair for FY2023, the motion was passed unanimously by acclamation.

6. Discussion and Action Item: Regarding nomination and election of TPPB Vice Chair for FY2023.

Councilmember Susan Long was nominated to be TPPB Vice Chair for FY2023, no other nominations were made.

Mayor Tim Davis made a motion to approve Councilmember Susan Long as the TPPB Vice Chair for FY2023, the motion passed unanimously by acclamation.

7. Discussion and Action Item: Regarding the KTMPO TAC and Policy Board Meeting Schedule for FY2023

Uryan Nelson presented the proposed FY2023 meeting schedule for TAC and Policy Board. Mr. Nelson stated that two of the TAC meetings in the months of January and July have been moved back one week due to holidays. Mr. Nelson also noted that if state or national meetings require meeting dates to shift, staff will request the Policy Board to change the schedule and inform the TAC members.

Mayor Smith asked about the October 5th meeting since TML meeting was also occurring on the same day. Mr. Nelson stated that he would see if TAC will have a quorum for the meeting, if not they will suggest moving the meeting.

Judge Roger Miller made a motion to approval of the KTMPO TAC and Policy Board meeting schedule for FY2023, seconded by Riakos Adams; the motion passed unanimously.

8. Discussion and Action Item: Regarding Resolution 2022-09 Supporting October 2022 as Walk to School Month and October 12, 2022, as Walk to School Day.

James McGill provided a history of October being walk to school month. Mr. McGill commented that KTMPO wants to support any events for walk to school day, creating an awareness for walking infrastructure and safety.

Councilmember Susan Long made a motion to approval of the KTMPO TAC and Policy Board meeting schedule for FY2023, seconded by Darrell Burtner; the motion passed unanimously.

9. Discussion and Action Item: Regarding Resolution 2022-10 Providing Guidance on Addressing KTMPO Project Inflation Requests

Uryan Nelson provided a brief review of staff efforts to provide guidance on project funding requests due to inflation. Mr. Nelson stated that staff decided a resolution clarifying STIP administrative amendment requirements and restrictions was the best way to provide guidance.

Councilmember Riakos Adams commented that the resolution does not specifically state that staff are authorized to make these administrative amendments and recommended a revision to language in the first resolve changing 'supports requests' to 'authorizes KTMPO staff'." Bob van Til brought up concerns about this approach to addressing inflation and suggested that KTMPO come up with a more proactive plan to tackle project inflation.

Riakos Adams made a motion to recommend approval of Resolution 2022-10 Providing Guidance on Addressing KTMPO Project Inflation Requests with the changes discussed, seconded by Ryan Haverlah; the motion passed unanimously.

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

James McGill presented two new comments submitted during the month of August. Public comment received on August 13, 2022, concerning the safety of Chaparral Road. Public comment received on August 26, 2022, regarding construction on Business 190, in Copperas Cove.

11. Member Comments:

Uryan Nelson commented that KTMPO was holding a new member workshop directly following the TPPB meeting. Mayor Smith commented on his time serving as Chair and that it has been a pleasure serving and working with KTMPO staff.

12. Adjourn: The meeting adjourned at 10:04 a.m.

These meeting minutes were approved by the TPPB members at their meeting on _____.

Judge Roger Miller, Chair

Uryan Nelson, KTMPO Director

Item 5:

**December Policy Board
Meeting Date**

December Policy Board Meeting Date

The KTMPO Policy Board regularly meets on the third Wednesday of each month. The Policy Board's December meeting is currently scheduled for December 21st, however staff is concerned that there may be an issue with quorum since that is the Wednesday before Christmas. There are several important items on the December agenda including approval of FY23-26 TIP and 2045 MTP amendments that are time sensitive and require a quorum.

Based on these factors, staff is requesting that Policy Board approve of moving the December Policy Board meeting a week earlier to Wednesday, December 14, 2022 at 9:30am.

Action Needed: Consider moving the December 21, 2022 Policy Board meeting to December 14, 2022.

Item 6:

FY23-26 TIP & 2045 MTP

Amendments

FY23-26 TIP and 2045 MTP Amendments

TIP Background

The Transportation Improvement Program (TIP) is a 4-year transportation planning document that includes a detailed listing of projects reasonably expected to begin within a four-year period. The current TIP covers FY21-FY24 and a proposed TIP undergoing review covers FY23-26. Projects included in the TIP must be consistent with the MTP and are chosen based on regional priority and available funding. An amendment to a TIP is not completed until the change has also been included in the STIP—Statewide Transportation Improvement Program.

MTP Background

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

Amendments to the FY23-26 TIP and 2045 MTP

- a) C45-02 – Business US 190 Turnaround
 - Add project to FY23-26 TIP
- b) T35-36a – Veterans Memorial Blvd Phase II
 - Add project to the FY23-26 TIP
- c) T40-07a – Temple Outer Loop West Phase I
 - Increase project construction cost amount by \$5,000,000 (Category 10)
 - Community Project Funding/Congressionally Directed Spending Award
- d) T45-18 – SH 95 Turn Lanes
 - Add project to FY23-26 TIP
- e) W35-01 – Copperas Cove US 190 Bypass
 - Reallocate \$36,950,000 from Category 2 funding to Category 4 funding
 - Total authorized funding amount remains the same

Schedule:

- November 2, 2022 – TAC recommends initiation of public involvement for amendments to the FY23-26 TIP and 2045 MTP;
- **November 16, 2022 – TPPB considers initiation of public involvement for amendments to the FY23-26 TIP and 2045 MTP;**
- November 19, 2022 – December 3, 2022: 15-Day Public Comment Period;
- December 1, 2022 – Public Hearing: 5:00 PM @ Bell County Expo Center*
 - Virtual Meeting Link: [Click Here](#)
 - Call in number: [+1 \(872\) 240-3311](#); Access Code: 319-921-949
- December 7, 2022 – TAC considers recommending approval of amendments to the FY23-26 TIP and 2045 MTP;
- December 21, 2022 – TPPB considers approving amendments to the FY23-26 TIP and 2045 MTP.

Action Needed: Consider initiation of public involvement for amendments to the FY23-26 TIP and 2045 MTP.

New TIP Sheets

| DISTRICT | COUNTY | CSJ | HWY | LET DATE | PHASE | CITY | PROJECT SPONSOR | YOE COST |
|---------------------------------|---|-------------|--------------------------|--------------------------------|-------------|-------------------|---|--------------------|
| WACO | Coryell | | SH 9 | 2025 | C | Copperas Cove | Copperas Cove | \$2,156,000 |
| LIMITS FROM: | SH 9 | | | | | | | |
| LIMITS TO: | Business 190 | | | | | REVISION DATE: | Nov-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 Added to FY23-26 TIP in Dec. 2022 | |
| 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 | \$1,724,800 | \$431,200 | | \$2,156,000 |
| CONSTRUCTION: | \$2,156,000 | \$2,156,000 | | | | | | |
| CONSTRUCTION ENGINEERING: | \$143,131 | | | TOTAL | \$1,724,800 | \$431,200 | \$0 | \$0 \$2,156,000 |
| CONTINGENCIES: | \$176,162 | | | | | | | |
| INDIRECTS: | \$0 | | | | | | | |
| BOND FINANCING: | \$0 | | | | | | | |
| TOTAL PROJECT COST (YOE): | \$2,918,425 | | | | | | | |

| DISTRICT | COUNTY | CSJ | HWY | LET DATE | PHASE | CITY | PROJECT SPONSOR | YOE COST |
|---------------------------------|--|--------------|--------------------------|-----------|--------------------------------|-------------------|-------------------------------------|--------------------------|
| WACO | Bell | 0320-01-074 | SS 290 | 2026 | C | Temple | Temple | \$10,000,000 |
| LIMITS FROM: | Ave O | | | | | | | |
| LIMITS TO: | 0.15 mi S of Ave U | | | | | REVISION DATE: | Nov-22 | |
| DESCRIPTION: | Reconstruct and widen existing roadway to a 4 lane divided arterial with curb & gutter, enhanced landscaping and lighting, sidewalks, and trails | | | | | MPO ID: | T35-36a | |
| | | | | | | FUNDING CATEGORY: | 10, 3LC | |
| REMARKS: | | | | | | PROJECT HISTORY: | December 2022 KTMO selected project | |
| TOTAL PROJECT COST INFORMATION: | | | COST OF APPROVED PHASES: | | AUTHORIZED FUNDING BY CATEGORY | | | |
| PRELIMINARY ENGINEERING: | \$469,143 | | | CATEGORY: | FEDERAL: | STATE: | LOCAL: | LOCAL CONT: TOTAL: |
| RIGHT OF WAY: | \$0 | | | 10 | \$5,000,000 | | | \$5,000,000 |
| CONSTRUCTION: | \$10,000,000 | \$10,000,000 | | 3LC | | | | \$5,000,000 \$5,000,000 |
| CONSTRUCTION ENGINEERING: | \$669,247 | | | TOTAL | \$5,000,000 | \$0 | \$0 | \$5,000,000 \$10,000,000 |
| CONTINGENCIES: | \$274,350 | | | | | | | |
| INDIRECTS: | \$277,656 | | | | | | | |
| BOND FINANCING: | \$0 | | | | | | | |
| TOTAL PROJECT COST (YOE): | \$11,690,396 | | | | | | | |

| DISTRICT | COUNTY | CSJ | HWY | LET DATE | PHASE | CITY | PROJECT SPONSOR | YOE COST |
|---------------------------------|--|-------------|--------------------------|-----------|--------------------------------|-------------------|--|--------------------|
| WACO | Bell | 0320-01-079 | SH 95 | 2023 | C | Temple | Temple | \$1,340,900 |
| LIMITS FROM: | Barnhardt Rd | | | | | | Nov-22 | |
| LIMITS TO: | 0.6 mi S of Barnhardt Rd | | | | | REVISION DATE: | | |
| DESCRIPTION: | Construct turn lanes on the west side of SH 95 for acceleration and deceleration | | | | | MPO ID: | T45-18 | |
| | | | | | | FUNDING CATEGORY: | 2M | |
| REMARKS: | | | | | | PROJECT HISTORY: | July 2021 KTMO selected project Added to FY23-26 TIP in Dec. 2022 | |
| TOTAL PROJECT COST INFORMATION: | | | COST OF APPROVED PHASES: | | AUTHORIZED FUNDING BY CATEGORY | | | |
| PRELIMINARY ENGINEERING: | \$62,335 | | | CATEGORY: | FEDERAL: | STATE: | LOCAL: | LOCAL CONT: TOTAL: |
| RIGHT OF WAY: | \$0 | | | 2M | \$1,072,720 | \$268,180 | | \$1,340,900 |
| CONSTRUCTION: | \$1,340,900 | \$1,340,900 | | | | | | |
| CONSTRUCTION ENGINEERING: | \$102,790 | | | TOTAL | \$1,072,720 | \$268,180 | \$0 | \$0 \$1,340,900 |
| CONTINGENCIES: | \$53,148 | | | | | | | |
| INDIRECTS: | \$36,892 | | | | | | | |
| BOND FINANCING: | \$0 | | | | | | | |
| TOTAL PROJECT COST (YOE): | \$1,596,066 | | | | | | | |

| DISTRICT | COUNTY | CSJ | HWY | LET DATE | PHASE | CITY | PROJECT SPONSOR | YOE COST |
|--|--|--------------------------|--------|--------------------------------|-------------|-------------------|--|--------------------|
| BROWNWOOD | Lampasas | 0231-01-003 | US 190 | 2026 | C | Copperas Cove | TxDOT | \$5,264,000 |
| LIMITS FROM: | 0.6 mi. W of FM 2657 | | | | | | | |
| LIMITS TO: | Coryell County Line | | | | | REVISION DATE: | Nov-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: | Dec. 2018 KTMPO selected project Removed in Jan. 2021 due to TxDOT STIP constraint issues Added to FY23-26 TIP in Dec. 2022 | |
| TOTAL PROJECT COST INFORMATION: | | COST OF APPROVED PHASES: | | AUTHORIZED FUNDING BY CATEGORY | | | | |
| PRELIMINARY ENGINEERING: | \$244,694 | | | 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: | \$293,633 | | | TOTAL | \$4,211,200 | \$1,052,800 | \$0 | \$0 \$5,264,000 |
| CONTINGENCIES: | \$293,750 | | | | | | | |
| INDIRECTS: | \$144,819 | | | | | | | |
| BOND FINANCING: | \$0 | | | | | | | |
| TOTAL PROJECT COST (YOE): | \$6,240,895 | | | | | | | |

| DISTRICT | COUNTY | CSJ | HWY | LET DATE | PHASE | CITY | PROJECT SPONSOR | YOE COST |
|--|--|--------------------------|--------|--------------------------------|--------------|-------------------|--|--------------------|
| WACO | Coryell | 0231-19-003 | US 190 | 2026 | C | Copperas Cove | TxDOT | \$60,480,000 |
| LIMITS FROM: | Coryell County Line | | | | | | | |
| LIMITS TO: | US 190 W of Clarke Rd | | | | | REVISION DATE: | Nov-22 | |
| DESCRIPTION: | Widen from two to four lane divided highway and construct interchange. | | | | | MPO ID: | W35-01 | |
| | | | | | | FUNDING CATEGORY: | 2M, 4U | |
| REMARKS: | Part 2 of the US 190 Bypass Project (W35-01) | | | | | PROJECT HISTORY: | Dec. 2018 KTMPO selected project Removed in Jan. 2021 due to TxDOT STIP constraint issues Added to FY23-26 TIP in Dec. 2022 | |
| TOTAL PROJECT COST INFORMATION: | | COST OF APPROVED PHASES: | | AUTHORIZED FUNDING BY CATEGORY | | | | |
| PRELIMINARY ENGINEERING: | \$2,811,375 | | | CATEGORY: | FEDERAL: | STATE: | LOCAL: | LOCAL CONT: TOTAL: |
| RIGHT OF WAY: | \$6,000 | | | 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: | \$3,373,650 | | | TOTAL | \$48,384,000 | \$12,096,000 | \$0 | \$0 \$60,480,000 |
| CONTINGENCIES: | \$3,375,000 | | | | | | | |
| INDIRECTS: | \$1,663,875 | | | | | | | |
| BOND FINANCING: | \$0 | | | | | | | |
| TOTAL PROJECT COST (YOE): | \$71,709,900 | | | | | | | |

| DISTRICT | COUNTY | CSJ | HWY | LET DATE | PHASE | CITY | PROJECT SPONSOR | YOE COST |
|--|--|--------------------------|--------|--------------------------------|-------------|-------------------|--|--------------------|
| WACO | Coryell | 0231-02-067 | US 190 | 2026 | C | Copperas Cove | TxDOT | \$6,720,000 |
| LIMITS FROM: | SH 9 | | | | | | | |
| LIMITS TO: | Business 190 | | | | | REVISION DATE: | Nov-22 | |
| DESCRIPTION: | Construct Interchange | | | | | MPO ID: | W35-01 | |
| | | | | | | FUNDING CATEGORY: | 2M | |
| REMARKS: | Part 3 of the US 190 Bypass Project (W35-01) | | | | | PROJECT HISTORY: | Dec. 2018 KTMPO selected project Removed in Jan. 2021 due to TxDOT STIP constraint issues Added to FY23-26 TIP in Dec. 2022 | |
| TOTAL PROJECT COST INFORMATION: | | COST OF APPROVED PHASES: | | AUTHORIZED FUNDING BY CATEGORY | | | | |
| PRELIMINARY ENGINEERING: | \$312,375 | | | CATEGORY: | FEDERAL: | STATE: | LOCAL: | LOCAL CONT: TOTAL: |
| RIGHT OF WAY: | \$448,615 | | | 2M | \$5,376,000 | \$1,344,000 | | \$6,720,000 |
| CONSTRUCTION: | \$6,720,000 | \$6,720,000 | | | | | | |
| CONSTRUCTION ENGINEERING: | \$374,850 | | | TOTAL | \$5,376,000 | \$1,344,000 | \$0 | \$0 \$6,720,000 |
| CONTINGENCIES: | \$375,000 | | | | | | | |
| INDIRECTS: | \$184,875 | | | | | | | |
| BOND FINANCING: | \$0 | | | | | | | |
| TOTAL PROJECT COST (YOE): | \$8,415,715 | | | | | | | |

TIP Sheet Amendment

Original Description

| DISTRICT | COUNTY | CSJ | HWY | LET DATE | PHASE | CITY | PROJECT SPONSOR | YOE COST |
|---------------------------------|--|--------------------------|--------------|--------------------------------|-------------|-------------------|-----------------|------------------------|
| WACO | Bell | 0909-36-168 | CS | 2023 | C | Temple | Temple | \$10,710,126 |
| LIMITS FROM: | 522 ft S of Jupiter Dr | | | | | REVISION DATE: | | |
| LIMITS TO: | 20 ft N of Riverside Trail | | | | | MPO ID: | | |
| DESCRIPTION: | Widen Old Waco Rd (future Outer Loop West) from two lane to four lane divided roadway with a curb and gutter, Phase 1. | | | | | FUNDING CATEGORY: | | |
| REMARKS: | | | | | | PROJECT HISTORY: | | |
| TOTAL PROJECT COST INFORMATION: | | COST OF APPROVED PHASES: | | AUTHORIZED FUNDING BY CATEGORY | | | | |
| PRELIMINARY ENGINEERING: | | \$533,274 | | CATEGORY: | FEDERAL: | STATE: | LOCAL: | LOCAL CONT: TOTAL: |
| RIGHT OF WAY: | | \$0 | | 7 | \$8,238,558 | | \$2,059,640 | \$10,298,198 |
| CONSTRUCTION: | | \$10,710,126 | \$10,710,126 | 3LC | \$0 | | | \$411,928 \$411,928 |
| CONSTRUCTION ENGINEERING: | | \$710,669 | | TOTAL | \$8,238,558 | \$0 | \$2,059,640 | \$411,928 \$10,710,126 |
| CONTINGENCIES: | | \$584,938 | | | | | | |
| INDIRECTS: | | \$315,611 | | | | | | |
| BOND FINANCING: | | \$0 | | | | | | |
| TOTAL PROJECT COST (YOE): | | \$12,854,617 | | | | | | |

Revised Description

| DISTRICT | COUNTY | CSJ | HWY | LET DATE | PHASE | CITY | PROJECT SPONSOR | YOE COST |
|---------------------------------|--|--------------|--------------------------|-----------|--------------------------------|---|-----------------|--------------------|
| WACO | Bell | 0909-36-168 | CS | 2023 | C | Temple | Temple | \$15,298,198 |
| LIMITS FROM: | 522 ft S of Jupiter Dr | | | | | REVISION DATE: | | |
| LIMITS TO: | 20 ft N of Riverside Trail | | | | | Nov-22 | | |
| DESCRIPTION: | Widen Old Waco Rd (future Outer Loop West) from two lane to four lane divided roadway with a curb and gutter, Phase 1. | | | | | MPO ID: | | |
| | | | | | | T40-07a | | |
| | | | | | | FUNDING CATEGORY: | | |
| | | | | | | 7, 10 | | |
| REMARKS: | | | | | | PROJECT HISTORY: | | |
| | | | | | | Dec. 2018 KTMO selected project KTMO revised Dec. 2022 | | |
| TOTAL PROJECT COST INFORMATION: | | | COST OF APPROVED PHASES: | | AUTHORIZED FUNDING BY CATEGORY | | | |
| PRELIMINARY ENGINEERING: | | \$533,274 | | CATEGORY: | FEDERAL: | STATE: | LOCAL: | LOCAL CONT: TOTAL: |
| RIGHT OF WAY: | | \$0 | | 7 | \$8,238,558 | | \$2,059,640 | \$10,298,198 |
| CONSTRUCTION: | | \$15,298,198 | \$15,298,198 | 10 | \$5,000,000 | | \$0 | \$5,000,000 |
| CONSTRUCTION ENGINEERING: | | \$710,669 | | TOTAL | \$13,298,198 | \$0 | \$2,059,640 | \$0 \$15,298,198 |
| CONTINGENCIES: | | \$584,938 | | | | | | |
| INDIRECTS: | | \$315,611 | | | | | | |
| BOND FINANCING: | | \$0 | | | | | | |
| TOTAL PROJECT COST (YOE): | | \$17,442,689 | | | | | | |



ORIGINAL MTP Listing

| 2045 Metropolitan Transportation Plan Project Listing | | | | | | | | | | | |
|---|---|-----------------------------------|--|---|------------------------------|-------------------------------|-----------------------------|----------------------|---------------------------------|---|--|
| Short Range Funded (2022-2031) Projects with Allocated Funding as of August 2022 and Listed in the Transportation Improvement Program (TIP) | | | | | | | | | | | |
| CATEGORY 2 PROJECTS (METROPOLITAN CORRIDORS) | | | | | | | | | | | |
| KTMPO ID | CSJ Number | Project Name | Project Limits | Project Description | Project Ranking ¹ | Prioritized List ¹ | Estimated Cost ² | MPO Approved Funding | Estimated Let Date ³ | Environmental Considerations ⁴ | Funding ^{5,6} |
| 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 | \$86,355,509 | \$72,464,000 | 2026 | | Allocation: \$72,464,000 FY23-26 UTP Fiscal Constraint: \$68,585,914 |
| CATEGORY 7 PROJECTS (SURFACE TRANSPORTATION PROGRAM-METROPOLITAN MOBILITY) | | | | | | | | | | | |
| KTMPO ID | CSJ Number | Project Name | Project Limits | Project Description | Project Ranking ¹ | Prioritized List ¹ | Estimated Cost ² | MPO Approved Funding | 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 (SUP) on both sides of the road. | 1 | 1 | \$15,282,838 | \$12,880,000 | 2025 | | Allocation: \$42,725,223 (includes transit) FY23-26 UTP Fiscal Constraint: \$25,980,542 |
| T40-07a | 0909-36-168 | Temple Outer Loop West-Phase I | 522 ft S of Jupiter Dr to 20 ft N of Riverside Trail | Widen Old Waco Rd (future Outer Loop West) from two lane to four lane divided roadway with a curb and gutter, Phase 1. | 17 | 4 | \$12,854,617 | \$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 SUP (Shared Used Path) next to the roadway from the Bridge to IH-14. | 9 | 5 | \$2,289,448 | \$1,924,841 | 2023 | — | |
| 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 | \$3,748,266 | \$3,200,000 | 2023 | | |
| H30-05b | 0909-36-171 | Warrior's Path Phase 2 | FM 2410 (E Knights Rd) to Pontotoc Trace | 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 | \$5,455,014 | \$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 HMAC surface along Royal Street from Smith Branch Rd to FM 2268; install ribbon curb on both sides of the road. | 46 | 9 | \$1,171,455 | \$1,005,200 | 2023 | | |
| K45-03 | 0909-36-185 | W Rancier Ave | Ft Hood St (SH 195) to W S Young Dr | Construct 6 ft wide concrete sidewalk, pedestrian signals, ADA ramps and crosswalks along W Rancier Ave. | 1 | 1 | \$3,853,727 | \$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 | \$3,516,414 | \$2,550,480 | 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 | \$2,336,487 | \$1,123,503 | 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 | \$769,585 | \$647,024 | 2024 | | |
| 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 | MPO Approved Funding | 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 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 | \$2,336,487 | \$476,497 | 2023 | | Allocation: \$1,895,677 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 on 13th Ave between Main St and Waco Rd; add striping for a bike lane on the south side of the road. | 7 | 4 | \$619,474 | \$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 | \$1,129,175 | \$995,569 | 2023 | | |

| 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 | MPO Approved Funding | 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 | \$280,225 | \$277,571 | 2022 | 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 | \$860,748 | \$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 | MPO Approved Funding | 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 | \$6,181,758 | \$5,015,690 | 2026 | — | Local Contribution (Cat 3) Allocation: \$10,378,666 Fiscal Constraint: n/a | |
| B45-13 | 0909-36-192 | 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 | \$6,177,511 | \$4,435,426 | 2026 | | | |
| T40-07a | 0909-36-168 | Temple Outer Loop West Phase I | 522 ft S of Jupiter Dr to 20 ft N of Riverside Trail | Widen Old Waco Rd (future Outer Loop West) from two lane to four lane divided roadway with a curb and gutter, Phase I. | 17 | 4 | \$12,854,617 | \$411,928 | 2023 | -P, H | | |
| 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 | \$2,336,487 | \$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 on 13th Ave between Main St and Waco Rd; add striping for a bike lane on the south side of the road. | 7 | 4 | \$619,474 | \$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 | MPO Approved Funding | 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 | \$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} |
|----------|-------------|--------------------------------------|--|---|------------------------------|-------------------------------|-----------------------------|-------------|---------------------------------|---|--|
| T45-18 | 0320-01-079 | SH 95 Turn Lanes | Barnhardt Rd to 0.6 mi. S of Barnhardt Rd | Construct turn lanes on the west side of SH 95 for acceleration and deceleration | 22 | 25 | \$1,474,166 | \$1,219,000 | 2023 | | 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 | | |
| 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 | Construct an interchange turnaround from eastbound SH 9 to westbound Business 190 | 20 | 6 | \$2,722,425 | \$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 | Categories 2, 7 Years 11-25 Long Range Allocations: \$361,767,429 MTP Long Range Fiscal Constraint: \$364,100,000 Available: \$2,322,571 |
| T15-06k | 0015-14-109 | IH 35 | US 190 to LP 363 | Widen from 6 ln to 8 ln | 5 | 11 | \$308,000,000 | | 2031 | EJ, H | |
| 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 | | |
| 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 | | Regionally Significant Unfunded List: \$530,942,577 |
| 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 | | |



REVISED MTP Listing

| 2045 Metropolitan Transportation Plan Project Listing | | | | | | | | | | | |
|---|---|-----------------------------------|--|---|------------------------------|-------------------------------|-----------------------------|----------------------|---------------------------------|---|--|
| Short Range Funded (2023-2032) Projects with Allocated Funding as of August 2022 and Listed in the Transportation Improvement Program (TIP) | | | | | | | | | | | |
| CATEGORY 2 PROJECTS (METROPOLITAN CORRIDORS) | | | | | | | | | | | |
| KTMPO ID | CSJ Number | Project Name | Project Limits | Project Description | Project Ranking ¹ | Prioritized List ¹ | Estimated Cost ² | MPO Approved Funding | Estimated Let Date ³ | Environmental Considerations ⁴ | Funding ^{5,6} |
| 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 | \$86,366,510 | \$35,514,000 | 2026 | | Allocation: \$38,693,000 FY23-26 UTP Fiscal Constraint: \$68,585,914 |
| C45-02 | 3623-01-008 | SH 9 Turnaround | SH 9 to Business 190 | Construct an interchange turnaround from eastbound SH 9 to westbound Business 190 | 20 | 6 | \$2,722,425 | \$1,960,000 | 2025 | | |
| T45-18 | 0320-01-079 | SH 95 Turn Lanes | Barnhardt Rd to 0.6 mi. S of Barnhardt Rd | Construct turn lanes on the west side of SH 95 for acceleration and deceleration | 22 | 25 | \$1,474,166 | \$1,219,000 | 2023 | | |
| CATEGORY 4 PROJECTS (STATEWIDE CONNECTIVITY) | | | | | | | | | | | |
| KTMPO ID | CSJ Number | Project Name | Project Limits | Project Description | Project Ranking ¹ | Prioritized List ¹ | Estimated Cost ² | MPO Approved Funding | Estimated Let Date ³ | Environmental Considerations ⁴ | Funding ^{5,6} |
| 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 | \$86,366,510 | \$36,950,000 | 2026 | | Allocation: \$36,950,000 FY23-26 UTP Fiscal Constraint: \$101,065,650 |
| CATEGORY 7 PROJECTS (SURFACE TRANSPORTATION PROGRAM-METROPOLITAN MOBILITY) | | | | | | | | | | | |
| KTMPO ID | CSJ Number | Project Name | Project Limits | Project Description | Project Ranking ¹ | Prioritized List ¹ | Estimated Cost ² | MPO Approved Funding | Estimated Let Date ³ | Environmental Considerations ⁴ | Funding ^{5,6} |
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| T40-07a | 0909-36-168 | Temple Outer Loop West-Phase I | 522 ft S of Jupiter Dr to 20 ft N of Riverside Trail | Widen Old Waco Rd (future Outer Loop West) from two lane to four lane divided roadway with a curb and gutter, Phase 1. | 17 | 4 | \$17,442,689 | \$10,298,198 | 2023 | P, H | |
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| 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 | \$3,748,266 | \$3,200,000 | 2023 | | |
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| 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 | MPO Approved Funding | Estimated Let Date ³ | Environmental Considerations ⁴ | Funding ^{5,6} |
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| 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 | MPO Approved Funding | 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 | \$280,225 | \$277,571 | 2022 | 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 | \$860,748 | \$835,054 | 2024 | N/A | |
| CATEGORY 10 PROJECTS (SUPPLEMENTAL TRANSPORTATION PROGRAMS) | | | | | | | | | | | |
| KTMPO ID | CSJ Number | Project Name | Project Limits | Project Description | Project Ranking ¹ | Prioritized List ¹ | Estimated Cost ² | MPO Approved Funding | Estimated Let Date ³ | Environmental Considerations ⁴ | Funding ^{5,6} |
| T40-07a | 0909-36-168 | Temple Outer Loop West-Phase I | 522 ft S of Jupiter Dr to 20 ft N of Riverside Trail | Widen Old Waco Rd (future Outer Loop West) from two lane to four lane divided roadway with a curb and gutter, Phase 1. | 17 | 4 | \$17,442,689 | \$5,000,000 | 2023 | P, H | Allocation: \$10,000,000 Fiscal Constraint: n/a |
| T35-36a | 0320-01-074 | Ave O | 0.15 mi S of Ave O | Reconstruct and widen to a 4 lane divided arterial with curb & gutter, enhanced landscaping and lighting, sidewalks, and trails. | 11 | 15 | \$11,690,396 | \$5,000,000 | 2026 | | |
| CATEGORY 3 LOCALLY FUNDED PROJECTS | | | | | | | | | | | |
| KTMPO ID | CSJ Number | Project Name | Project Limits | Project Description | Project Ranking ¹ | Prioritized List ¹ | Estimated Cost ² | MPO Approved Funding | 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 | \$6,181,758 | \$5,015,690 | 2026 | — | Local Contribution (Cat 3) Allocation: \$14,966,738 Fiscal Constraint: n/a |
| B45-13 | 0909-36-192 | 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 | \$6,177,511 | \$4,435,426 | 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 | \$2,336,487 | \$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 on 13th Ave between Main St and Waco Rd; add striping for a bike lane on the south side of the road. | 7 | 4 | \$619,474 | \$115,622 | 2023 | P | |
| T35-36a | 0320-01-074 | Ave O | 0.15 mi S of Ave O | Reconstruct and widen to a 4 lane divided arterial with curb & gutter, enhanced landscaping and lighting, sidewalks, and trails. | 11 | 15 | \$11,690,396 | \$5,000,000 | 2026 | | |
| TRANSIT PROJECTS | | | | | | | | | | | |
| KTMPO ID | CSJ Number | Project Name | Project Limits | Project Description | Project Ranking ¹ | Prioritized List ¹ | Estimated Cost ² | MPO Approved Funding | 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 | \$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} |
| 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 | | Categories 2, 7 Years 5-10 Short Range Allocations: \$191,206,400 UTP 10-Year Fiscal Constraint: \$298,473,423 Available: \$850,030 *Available = UTP constraint - TIP allocations - Short Range Cat 2, 7, 9 allocations |
| 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 | |
| C45-04 | 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: \$466,097,128 MTP Long Range Fiscal Constraint: \$364,100,000 Available: -\$101,997,128 |
| 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 | | |
| 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 | | |

Item 7:
FY2022-2023 UPWP
Special Studies

FY2022-2023 UPWP Special Studies

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.

UPWP Special Studies

Task 5 of the UPWP includes details of special studies funded by the MPO for specific planning activities and initiatives. Several Subtasks under Task 5 contain placeholder slots for future special studies that have not been selected yet. TxDOT and FHWA recently recommended that KTMP fully describe those placeholder Subtasks instead.

Ideas for potential special studies to be funded in FY2023 include the following:

- Voluntary Resiliency Implementation Plan (RIP)
- Housing Coordination Plan
- Congestion Management Plan Update
- Public Involvement Study
- MPO Boundary Expansion Study

KTMP has an estimated \$160,000 available in FY2023 to fund new Special Studies.

Action Needed: No action needed; for discussion only.

Item 8:

**KTMPO Data Dashboard
Project Presentation**

KTMPPO Data Dashboard Project Rollout

In November 2021, KTMPO began working with Kimley Horn to develop an MPO Dashboard. The purpose of this project was to make transportation related planning information available to policy makers, planners, and the public. The dashboard also houses federally required performance measure data and provides an improved interface for the public to engage with MPO planning process.

Kimley Horn has completed development of all the dashboard “tools” and is expecting to roll out the final version of the tool in the coming weeks.

Today, representatives from Kimley Horn will give a presentation summarizing each of the tools they have developed and what the rollout of the final dashboard will look like.

Link: [KTMPPO Data Dashboard Webpage](#)

Action Needed: No action needed; for discussion only.

KTMPO Dashboard Roll-Out

Technical Advisory Committee

Wednesday, November 2nd, 2022



1

Project Recap – Project Goals and Outreach

- Original project goals:
 - Establish a user-friendly online web platform for the public to view federally required performance planning metrics and other MPO data and planning efforts.
 - Develop the dashboard to allow for KTMPO staff operation and maintenance.
- Opportunities for staff and committee input:
 - December 2021 Dashboard Visioning Workshop with KTMPO staff
 - Six milestone presentations of dashboard tools to TAC
 - Progress calls with KTMPO staff twice per month



2

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Project Recap – Six Dashboard Tools Developed

| Tool | Tool Description |
|--|--|
| Crash Data Dashboard | A tool that allows users to view and analyze reported traffic crash data from the KTMPO Region. |
| Census Data Dashboard | A tool that allows users to view census tract-level data in the KTMPO Region from the US Census' annual American Community Survey (ACS). |
| Federal Performance Measurement (PM) Dashboard | A tool that allows users to assess the KTMPO Region's performance against federally required performance measures for safety, asset management, and system reliability. |
| Mapping Dashboard | A tool that allows users to access and interact with KTMPO's own spatial data as well as spatial data for the KTMPO Region published by other state and federal entities. |
| Public Feedback Portal | A form-based online tool that allows users to submit comments or feedback on a variety of topics and then directs that feedback to appropriate KTMPO staff for response or action. |
| KTMPO Project Viewer Dashboard | A tool that allows users to view and interact with project information included as part of KTMPO's Transportation Improvement Program (TIP) document. |

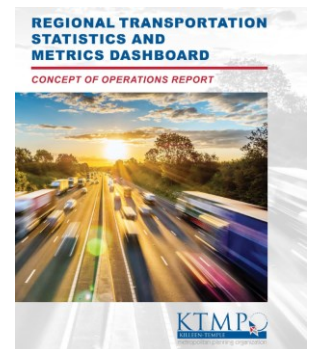


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3

Project Recap - Supporting Documentation Overview

- Concept of Operations Report
 - Documents roles and responsibilities of all stakeholders for operation and maintenance
 - Describes how system components interact with one another
 - Identifies ongoing software and hardware requirements, estimated costs, anticipated levels of staff effort, and potential risk factors that could impact functionality
- Tutorials and Use and Maintenance Guide
 - ~10 minute dashboard tutorial videos for members of the public to be embedded on KTMPO website
 - Detailed step-by-step maintenance guidebook with photos included for KTMPO staff to follow when updating and maintaining dashboard tools



4

4

Project Final Steps

November 2nd – Dashboard migration workshop and training with staff

November 16th (tentative) – Presentation to KTMPO TPPB

Late November – Dashboard tutorial videos submitted

Mid-December – KTMPO dashboard website goes public

Late December – Dashboard maintenance guide submitted

Project Closeout – December 31st, 2022

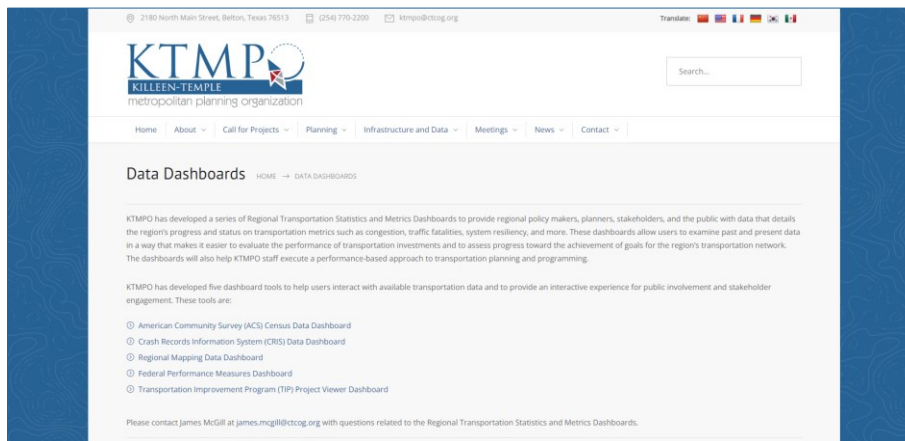


5

5

KTMPO Data Dashboard Web Pages Demonstration

<https://ktmpo.org/data-dashboards/>



6

6

Consultant Contact Information

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Caroline Leonard

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Direct: (737) 787-7691



Item 9:

**TxDOT Construction &
Project Planning Updates**

TxDOT Update on Major Construction & Project Development in the KTMPO Area

KTMPO staff have been working with our local TxDOT partners to provide regular project planning & construction updates to the TAC and Policy Board. Staff plans for these updates to occur several times throughout the year.

Today, representatives from TxDOT's Waco District will provide a brief presentation to the Committee on the following items.

- Update on current major construction projects in the KTMPO Area
- Update on KTMPO area projects in the planning & development phase

Action Needed: No action needed; for discussion only.

Current KTMO Project Development



- **FM 93 – SH 317 to Wheat Road (Belton Sponsored)**
 - Negotiating with Kimley-Horn for schematic, environmental, and PS&E
 - Schematic Phase should begin around January 2023
- **US 190 – Cove Bypass (Copperas Cove Sponsored)**
 - Plans at 95%
 - Fully funded with Cat 2 and Cat 4U in the FY 23 UTP
 - Scheduled to let in Sep 2025, but may get accelerated to Sep 2023
- **SL 121 – IH 14 to IH 35 (Belton Sponsored)**
 - Schematic/Environmental Compete...need to begin PS&E and utility relocations
 - ROW acquisition is complete
 - Fully funded with Cat 2 in FY 23 UTP
- **IH 14 expansion east (TxDOT Sponsored)**
 - Negotiating with Parsons for schematic, environmental, and PS&E
 - Schematic Phase should begin around January 2023

1

Current KTMO Project Development



- **SH 9 Access Ramps @ Tank Destroyer (Copperas Cove Sponsored)**
 - PS&E complete
 - Awaiting special construction funding
- **SH 9 to BU 190 west exit ramp (Copperas Cove Sponsored)**
 - Fully funded with Cat 2 in FY 23 UTP
 - Scheduled to let in January 2025, but could let sooner if City oversees preliminary engineering
- **SL 363 – OP/Mainlane construction at Industrial and Lucius McCelvy (TxDOT Sponsored)**
 - Plans at 60%
 - Fully funded with Cat 2 in the FY 23 UTP
 - Scheduled to let in Nov 2026, but may get accelerated to an earlier date

2



Belton Area Office Projects Update October 2022

Stephen Kasberg, P.E.
Belton Area Engineer



October 25, 2022

SL 121 Widening and Reconstruction



#EndTheStreakTX

End the streak of daily deaths on Texas roadways.

November 7, 2000 was the last deathless day on Texas roadways.

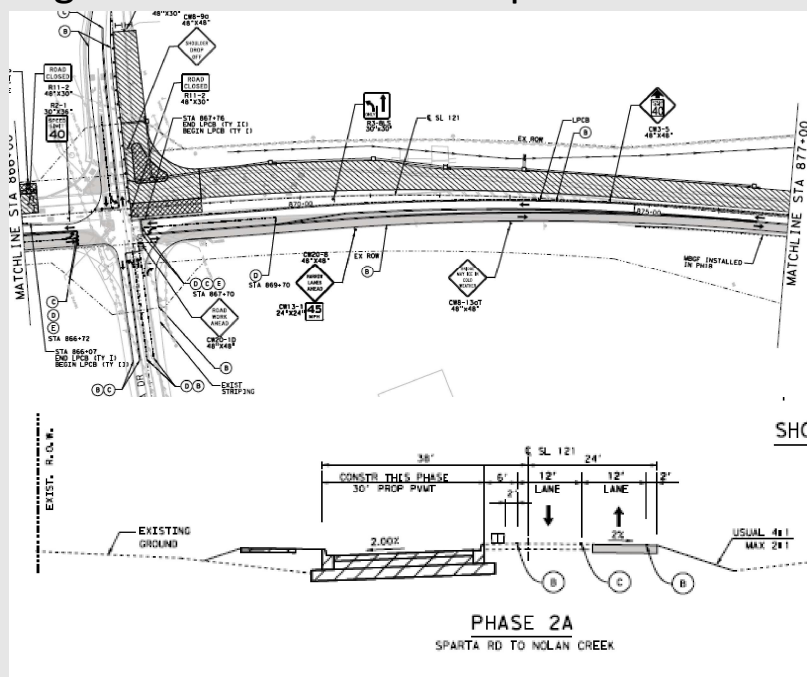


- From Lake Road (FM 439) to Avenue O
- Let August 2021 to James Construction Group
- Time Started – December 2
- Estimated Completion Date – Fall 202
- Project Cost - \$29,180,209.
- Widening of a Non-Freeway Facility from a 2-Lan Highway to 4-lane Divide Highway with Turn Lanes

SL 121 Widening and Reconstruction Project Phasing



- Phase 2 – Shift traffic to the west side of the roadway onto temporary pavement for construction of new northbound lanes including bridge work. Estimated completion Fall 2023.





SS 290 – Sidewalk Addition



- Work will begin Mid-November
- Addition of sidewalk from Avenue M to Avenue R



- Project is scheduled to complete winter of 2022
- Final striping and minor items of work remain



IH 14 – Belton Widening Project



- Project is scheduled to complete Spring 2023
- Final surfacing is 80% complete
- Work remaining consists of work from SL 121 to IH 35





- Project is scheduled to complete early 2024
- Primary work items are embankment and new bridge construction
- Traffic Switches are expected to begin in Spring 2023





- Work began July 2022
- Project is substantially complete



- Project began June 2022
- Foamed asphalt project – new method of rehabilitation that is faster than other traditional methods of rehabilitating roadways
- Estimated completion date – February 2023



- SL 363 – Completion of Freeway Section – From SH 36 to IH 35
- SL 121 – From IH 14 to IH 35 idening to 4 lane divided highway
- FM 2410 – F om IH 14 to FM 3481 – Rehabilitation and widening of shoulders
- SH 201 – From FM 3470 to SH 195 – Mill/Inlay
- IH 14 Expansion

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Item 10:
Public Input Received

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

FY22-23

| 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 |
| 8/13/2022 | Peter Stanonik | Email | <p>Reference Project K30-13a from your March 2022, Category 7 Listing. I have just re-read this article from November of 2019. If the article is accurate, then you, KTMP, are the hold up to public safety. A cursory look at public comments on the Killeen Daily Herald Facebook page, tells you ordinary citizens can already see the hazards of increased traffic on Chaparral Road. I challenge you to address the public's safety and mobility concerns in your response. I can't think of a scenario where you can objectively defend a 2025 Let Date for this project. If Killeen, Harker Heights, Bell County and KISD have all ponied up their money then you get your behind in gear and get this done.</p> <p>Don't tell me it can't be done either. Bell County citizens voted down two bond proposals for a court/jail complex, so the county went to the state to get it approved because of "public safety". They have their complex now \$130 million later. Things can get done when you want them to get done. Traffic control devices were finally put at the intersection of Chaparral and SH195. It only took two or three traffic fatalities before you leaders listened to the common sense of the people. The county has put up mobile signs warning of delays starting August 15th so apparently everyone knows it coming except KTMP.</p> <p>So has KTMP submitted requests for funds from the recently passed Federal Infrastructure bill? Why aren't funds already available if the other government entities have ponied up? Seems like half the project could be done already with their monies. Plus waiting to get all the funds means the price tag is just going to keep rising. Regular folk do part of project for the money they have then continue it as they save up more. At least I do.</p> <p>And now KISD is building a middle school in the same area that is supposed to be open in Fall of 2024. And the developers are putting 3750 homes in Turnbo Ranch and 1250 homes in Thousand Oaks. Somebody needs to get with the program of getting us citizens some mobility and safety, but quick!</p> | 9/7/2022 | Roadway | Killeen |
| 8/26/2022 | Thomas Dyer | Email | <p>I haven't written lately, and I didn't want you to think my silence was a form of acceptance, or even worse. approval. Let me be succinct, your tyrannical plans have greatly and negatively impacted the city of Copperas Cove. As if the pandemic hadn't been hard enough on our community, then your group of glorified know-nothings come along and forcibly mar and scar the entrance to our town. We didn't want it, 3 times we voted it down. WE DIDN'T WANT IT! We still don't. Yet our businesses are suffering, many losing 30-40% of the business they had prior. And this is what you wanted, not us. The entire project makes no sense, the turn spots are just punitive. If you absolutely HAD to do something then just removing the blacktop in the center turn lane and replacing it with brick would have been more aesthetically pleasing. But now we are still losing a lane on each side, and have an eye-sore thru the middle of town killing our businesses, and you went around the citizens to make it happen.</p> <p>Have a nice day, I hope your socks fall down.</p> | 9/7/2022 | Roadway | Copperas Cove |

| | | | | | | |
|-----------|-------------|-------|--|-----------|---------|---------------|
| 9/24/2022 | Thomas Dyer | Email | Having survived another week of interaction with the flaming abomination of a KTMPO scar in our city, I thought it prudent to submit a comment of my utter disdain for the unwelcomed Cesarean section of our Business 190. On an up note, we had almost run out of empty business spots, but with the super business killer slashing down through our town, we are able to see new empty spots where a business once stood! In my own defense, I seem to be stuck in the second stage of grief, or the 27th stage of sarcasm. Either way, thanks for helping me with this as well. | 11/2/2022 | Roadway | Copperas Cove |
| 10/3/2022 | Thomas Dyer | Email | Happy Monday, I wonder if any of you have been to observe the abysmal laceration you have wrought on our community. We spent a lot of time and effort to gain capacity on our thoroughfare. Now we are being told that we needed this alteration, that we really did want this scar across our city. We, the citizens, voted against projects like this more than once. But we really didn't know what is best for ourselves, it would seem. So since we wouldn't vote to float the note, y'all went around the citizens and got the money from the state. In the meantime we have added more houses, and folks to fill them, and somehow we are to believe that removing two lanes is going to make traffic better. So reducing capacity is increasing capacity? Wait, what? And a bike lane for all the non-existent bikers, and a center median to make turning punitive. Thank you for inflicting this abomination on us, I feel better just knowing you know what is best for us. Maybe you could stop by and talk to the business owners who are being negatively impacted by your (anti) Business 190. | 11/2/2022 | Roadway | Copperas Cove |

Grant Opportunities

- **FY22 Consolidated Rail Infrastructure and Safety Improvements Grant Program:**

Deadline December 1, 2022

Department of Transportation (DOT):

Description: The purpose of the CRISI Program is to improve railroad safety, efficiency, and reliability; mitigate congestion at both intercity passenger and freight rail chokepoints to support more efficient travel and goods movement; enhance multi-modal connections; and lead to new or substantially improved Intercity Passenger Rail Transportation corridors.

Estimated Funding Available: \$1,425,462,905

Award Ceiling: \$1,425,462,905

Award Floor: \$0

[Click Here](#) for more information!

- **TxDOT FY23 Statewide Transportation Alternatives (TA) Call for Projects**

Call opens on December 2

Texas Department of Transportation (TxDOT)

Description: The purpose of the TA Call for Projects is to fund transportation alternative projects. Any community eligible to apply. Includes large projects, quick-turnaround improvement, and non-infrastructure awards (SRTS programs, active transportation plans, etc.)

Estimated Funding Available:

[Click Here](#) for more information!

- **Rebate Grants Program:**

Deadline December 19, 2022

Texas Commission on Environmental Quality (TCEQ):

Description: The purpose of this grant program is to provide funds for entities to upgrade or replace heavy-duty vehicles and/or equipment.

Estimated Funding Available: \$75,000,000

[Click Here](#) for more information!

- **Texas Natural Gas Vehicle Grant Program (TNGVGP):**

Deadline March 31, 2023

Texas Commission on Environmental Quality (TCEQ):

Description: The purpose of this grant program is to provide funds to entities that own or operate heavy- or medium-duty motor vehicles to repower the vehicle with a natural gas engine or replace the vehicle with a natural gas vehicle.

Estimated Funding Available: \$34,000,000

[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>

KTMPO Contacts, Acronyms, and Terms



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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)

| KTMPO ID | CSJ Number | Project Name | Project Limits | Project Description | Project Ranking ¹ | Prioritized List ¹ | Estimated Cost ² | MPO Approved Funding | Estimated Let Date ³ | Environmental Considerations ⁴ | Funding ^{5,6} |
|----------|---|---------------|---|--|------------------------------|-------------------------------|-----------------------------|----------------------|---------------------------------|---|---|
| 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 | \$86,355,509 | \$72,464,000 | 2026 | | Allocation: \$72,464,000 FY23-26 UTP Fiscal Constraint: \$68,585,914 |

CATEGORY 7 PROJECTS (SURFACE TRANSPORTATION PROGRAM-METROPOLITAN MOBILITY)

| KTMPO ID | CSJ Number | Project Name | Project Limits | Project Description | Project Ranking ¹ | Prioritized List ¹ | Estimated Cost ² | MPO Approved Funding | 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 (SUP) on both sides of the road. | 1 | 1 | \$15,282,838 | \$12,880,000 | 2025 | | Allocation: \$42,725,223 (includes transit) FY23-26 UTP Fiscal Constraint: \$25,980,542 |
| T40-07a | 0909-36-168 | Temple Outer Loop West-Phase I | 522 ft S of Jupiter Dr to 20 ft N of Riverside Trail | Widen Old Waco Rd (future Outer Loop West) from two lane to four lane divided roadway with a curb and gutter, Phase 1. | 17 | 4 | \$12,854,617 | \$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 SUP (Shared Used Path) next to the roadway from the Bridge to IH-14. | 9 | 5 | \$2,289,448 | \$1,924,841 | 2023 | — | |
| 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 | \$3,748,266 | \$3,200,000 | 2023 | | |
| H30-05b | 0909-36-171 | Warrior's Path Phase 2 | FM 2410 (E Knights Rd) to Pontotoc Trace | 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 | \$5,455,014 | \$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 | \$1,171,455 | \$1,005,200 | 2023 | | |
| K45-03 | 0909-36-185 | W Rancier Ave | Ft Hood St (SH 195) to W S Young Dr | Construct 6 ft wide concrete sidewalk, pedestrian signals, ADA ramps and crosswalks along W Rancier Ave. | 1 | 1 | \$3,853,727 | \$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 | \$3,516,414 | \$2,550,480 | 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 | \$2,336,487 | \$1,123,503 | 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 | \$769,585 | \$647,024 | 2024 | | |

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 | MPO Approved Funding | 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 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 | \$2,336,487 | \$476,497 | 2023 | | Allocation: \$1,895,677 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 on 13th Ave between Main St and Waco Rd; add striping for a bike lane on the south side of the road. | 7 | 4 | \$619,474 | \$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 | \$1,129,175 | \$995,569 | 2023 | | |

| 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 | MPO Approved Funding | 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 | \$280,225 | \$277,571 | 2022 | 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 | \$860,748 | \$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 | MPO Approved Funding | 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 | \$6,181,758 | \$5,015,690 | 2026 | — | Local Contribution (Cat 3) Allocation: \$10,378,666 Fiscal Constraint: n/a |
| B45-13 | 0909-36-192 | 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 | \$6,177,511 | \$4,435,426 | 2026 | | |
| T40-07a | 0909-36-168 | Temple Outer Loop West-Phase I | 522 ft S of Jupiter Dr to 20 ft N of Riverside Trail | Widen Old Waco Rd (future Outer Loop West) from two lane to four lane divided roadway with a curb and gutter, Phase 1. | 17 | 4 | \$12,854,617 | \$411,928 | 2023 | P, H | |
| 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 | \$2,336,487 | \$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 on 13th Ave between Main St and Waco Rd; add striping for a bike lane on the south side of the road. | 7 | 4 | \$619,474 | \$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 | MPO Approved Funding | 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 | \$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 | | | | | | | | | | | |
| KTMO 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 | Barnhardt Rd to 0.6 mi. S of Barnhardt Rd | Construct turn lanes on the west side of SH 95 for acceleration and deceleration | 22 | 25 | \$1,474,166 | \$1,219,000 | 2023 | | 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 | | |
| 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 | Construct an interchange turnaround from eastbound SH 9 to westbound Business 190 | 20 | 6 | \$2,722,425 | \$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 | Categories 2, 7 Years 11-25 Long Range Allocations: \$361,767,429 MTP Long Range Fiscal Constraint: \$364,100,000 Available: \$2,322,571 |
| T15-06k | 0015-14-109 | IH 35 | US 190 to LP 363 | Widen from 6 ln to 8 ln | 5 | 11 | \$308,000,000 | | 2031 | EJ, H | |
| 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 ln 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 ln, 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 ln | 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 | 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 | 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 ln, 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 ln, 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 ln 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 ln, 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 ln to 4 ln 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} |
| 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 | | Category 9: Years 5-10 Short Range Allocations: \$18,934,384 UTP 10-Year Fiscal Constraint: \$254,490,702 Available: -\$299,133 |
| 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 | | |
| 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 | | Category 9 Funding: Years 11-25 Long Range Allocations: \$24,603,088 MTP Long Range Fiscal Constraint: \$41,600,000 Available: \$16,996,912 |
| B45-01 | 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 details 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 information provided here is for informational purposes only and is subject to frequent change.

MTP Amendment Dates

July 17, 2019*

September 18, 2019*

October 23, 2019

February 19, 2020*

April 15, 2020

September 16, 2020

January 13, 2021

April 21, 2021*

July 21, 2021

September 22, 2021

January 19, 2022

March 16, 2022*

July 20, 2022*

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 exhausted, 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.
Projects in the Roadway Track are allocated funding from the latest Category 2 and Category 7 funding estimates.

Current UTP Estimates by Category (2021-2030):
Category 2 - \$189,232,733
Category 7 - \$61,317,869
Category 9 - \$3,940,100

Current MTP Estimates by Category (2030-2045):
Category 2 - \$115,800,000
Category 7 - \$216,900,000
Category 9 - \$41,600,000

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

August 22, 2022

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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 | |

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|-------------|----------------------------|---|--|---|-----|-----|--------------|------|-----|----------|---|
| 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