



# **Transportation Planning Policy Board**

**July 17, 2019  
9:30 a.m.**

# Agenda





**Killeen-Temple Metropolitan Planning Organization  
Transportation Planning Policy Board  
Wednesday, July 17, 2019  
Central Texas Council of Governments Building  
2180 North Main Street, Belton, Texas 76513**

**Regular Meeting: 9:30 A.M.  
AGENDA**

1. Call to Order.
2. Opportunity for Public Comment.<sup>(1)</sup>
3. Staff Update: Advisory Committees; Air Quality; Administrative Amendments.
4. **Action Item:** Approve minutes from May 15, 2019 meeting.
5. **Discussion and Action Item:** Approve FY20-21 Unified Planning Work Program (UPWP).
6. **Discussion Item:** TxDOT Quarterly Review of Local Government Projects.
7. **Discussion Item:** Public input received through June 30, 2019.
8. Member comments.
9. Adjourn.

**Workshop - To Follow Regular Scheduled Meeting if Needed  
AGENDA**

1. Call to order.
2. Discussion on any of the following topics (if needed):
  - a. Current or past KTMPO documents and plans to include Unified Planning Work Program, Transportation Improvement Program, By-Laws, Public Participation Plan, Regional Thoroughfare/Bicycle Pedestrian Plan, Metropolitan Transportation Plan, Congestion Management Process, Annual Performance Expenditure Report, Annual Project Listing, Texas Urban Mobility Plan, Unified Transportation Plan, Federal Certification Process;
  - b. Past or Future KTMPO Meeting processes or happenings;
  - c. KTMPO Current, Past or Future MPO Boundary Studies;
  - d. KTMPO Past or Future Annual Meetings;
  - e. Current, Past or Future KTMPO Budgets and funding conditions;
  - f. Rural Planning Organizations and/or Regional Mobility Authorities;
  - g. Special Funding for Projects;
  - h. Legislative Changes;
  - i. Status of MPO Projects;
  - j. Staff, TxDOT, Consultant, Guest presentations relating to transportation;
  - k. Meetings pertaining to any transportation related items/topics.
3. Adjourn.

# Staff Update



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**Staff Update: FY19-22 TIP Administrative Amendments**

**Hill Country Transit District:** The Federally and State Funded Highway Projects section of the FY19-22 TIP (pgs. 13-31) lists all roadway, livability and bus replacement projects. Bus replacement projects in this listing are those projects that received 10% of Category 7 KTMPPO dollars as approved by Policy Board. The Federally Funded Transit Projects section of the TIP (pgs. 32-47) lists all federal funds (5307, 5310, 5339) expected to be received Hill Country Transit District for planning and operations. The current TIP incorrectly lists a bus replacement project under the Federally Funded Transit Projects section on page 44 that is already included in the Federally and State Funded Highway Projects section on page 18. An administrative amendment will be made to remove this project from page 44 of the FY19-22 TIP.

HCTD project Q40-46 will be administratively amended to separate ADA Operating Expense that is allowable as a Capital Expense. As a separate project, it requires an 80/20 match instead of a 50/50 match.

An administrative amendment to the Capital Preventative Maintenance project will be made as this project is part of the same Section 5307 funding as the above projects and the “amendment” figures are more accurate than the “current” figures.

**Performance Measures:** Supplemental language regarding Pavement/Bridge Condition (PM2) and System Performance (PM3) was added to the introductory chapter of the FY19-22 TIP. This language provides specifics about the State’s targets adopted by KTMPPO in 2018, as well as KTMPPO efforts to continuously meet the performance targets.

**Action Needed:** For discussion only.

IN CURRENT FY17-FY20 TIP			
KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION TRANSPORTATION IMPROVEMENT PROGRAM			
FY 2020			
TxDOT Waco District		YOE = Year of Expenditure	
General Project Information		Funding Information (YOE)	
Project Sponsor	Hill Country Transit District	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$2,098,482
Apportionment Year	Q40-46	State Funds from TxDOT	0
Project Phase	2020 Operations	Other Funds	2,369,039
Brief Project Description	Operating activities for HCTD K/CC/HH	Fiscal Year Cost	\$4,467,521
		Total Project Cost	\$4,467,521
		Trans. Dev. Credits to Request	\$0
Sec 5309 ID Number	NA	Trans. Dev. Credits Awarded	\$0
Amendment Date & Action		(Date & Amount)	

PROPOSED AMENDMENT 07/19			
KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION TRANSPORTATION IMPROVEMENT PROGRAM			
FY 2020			
TxDOT Waco District		YOE = Year of Expenditure	
General Project Information		Funding Information (YOE)	
Project Sponsor	Hill Country Transit District	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$1,185,531
Apportionment Year	Q40-46	State Funds from TxDOT	396,508
Project Phase	2020 Operations	Other Funds	789,023
Brief Project Description	Operating activities for HCTD K/CC/HH	Fiscal Year Cost	\$2,371,062
		Total Project Cost	\$2,371,062
		Trans. Dev. Credits to Request	\$0
Sec 5309 ID Number	NA	Trans. Dev. Credits Awarded (Date & Amount)	\$0
Amendment Date & Action			

PROPOSED AMENDMENT 07/19			
KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION TRANSPORTATION IMPROVEMENT PROGRAM			
FY 2020			
TxDOT Waco District		YOE = Year of Expenditure	
General Project Information		Funding Information (YOE)	
Project Sponsor	Hill Country Transit District	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$468,350
Apportionment Year	Q40-46	State Funds from TxDOT	0
Project Phase	2020 Operations	Other Funds	117,088
Brief Project Description	Operating activities for HCTD K/CC/HH	Fiscal Year Cost	\$585,438
		Total Project Cost	\$585,438
		Trans. Dev. Credits to Request	\$0
Sec 5309 ID Number	NA	Trans. Dev. Credits Awarded (Date & Amount)	\$0
Amendment Date & Action			



IN CURRENT FY17-FY20 TIP				
KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION TRANSPORTATION IMPROVEMENT PROGRAM				
FY 2020				
General Project Information		Funding Information (YOE)		
Project Sponsor	Hill Country Transit District	Federal Funding Category	5307	
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$888,260	
		State Funds from TxDOT	0	
		Other Funds	222,065	
Apportionment Year Project Phase	2019/2020 Operations Capital Preventive Maintenance for HCTD	Fiscal Year Cost	\$1,110,325	
Brief Project Description		Total Project Cost	\$1,110,325	
		Trans. Dev. Credits to Request	\$0	
		Trans. Dev. Credits Awarded		
Sec 5309 ID Number	NA	(Date & Amount)	\$0	
Amendment Date & Action				

PROPOSED AMENDMENT 07/19				
KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION TRANSPORTATION IMPROVEMENT PROGRAM				
FY 2020				
General Project Information		Funding Information (YOE)		
Project Sponsor	Hill Country Transit District	Federal Funding Category	5307	
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$791,680	
		State Funds from TxDOT	0	
		Other Funds	197,920	
Apportionment Year Project Phase	2019/2020 Operations Capital Preventive Maintenance for HCTD K/CC/HH	Fiscal Year Cost	\$989,600	
Brief Project Description		Total Project Cost	\$989,600	
		Trans. Dev. Credits to Request	\$0	
		Trans. Dev. Credits Awarded		
Sec 5309 ID Number	NA	(Date & Amount)	\$0	
Amendment Date & Action				

**Item 4:**

## **Meeting Minutes**





**KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION (KTMPO)  
TRANSPORTATION PLANNING POLICY BOARD (TPPB)**

Wednesday, May 15, 2019

9:30 AM

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

**Policy Board Voting Members Present**

Chair Tim Davis – City of Temple  
Vice Chair Mayor Jose Segarra—City of Killeen  
Sam Listi for Marion Grayson—City of Belton  
Joseph Molis for Spencer Smith—City of Harker  
Heights  
Councilmember Susan Long—City of Temple  
David Blackburn – Bell County

Ryan Haverlah for Dan Yancey—City of  
Copperas Cove  
Carole Warlick—Hill Country Transit District  
(HCTD)  
Butch Menking – City of Killeen

**Policy Board Non-Voting Members Present**

Brian Dosa—Ft. Hood

**Others Present**

Caesar Arizpe—City of Killeen  
Solomon Thomas—TxDOT Bell County Area  
Engineer  
Jason Deckman—City of Temple  
Brynn Myers – City of Temple  
Keith Sledd -- HOTDA

Darrell Burtner – HCTD  
Terry Reeves – HCTD  
Christi Bonham – TxDOT Waco District  
Uryan Nelson – KTMPO  
Kendra Coufal—KTMPO  
James McGill - KTMPO

**Meeting Minutes:**

**1. Call to Order:** Tim Davis called the meeting to order at 9:32 a.m.

**2. Opportunity for Public Comment:** No comments were made by the public.

**3. Staff Update:** Advisory Committees; Air Quality.

Kendra Coufal introduced James McGill, a new staff member with KTMPO, to the group. Mrs. Coufal also told the group that there will be no June TAC or TPPB meetings. Meetings will resume in July, with TAC on the 10<sup>th</sup> and TPPB on the 17<sup>th</sup>. Mrs. Coufal also told the group that the next Planner's Roundtable meeting

will be May 21, 2019. Air quality readings for the Month of April were 67 ppb at the Temple station and 60 ppb at the Killeen station.

**4. Action Item:** Approve minutes from April 17, 2019 meeting.

**Butch Menking made a motion to approve April 17, 2019 meeting minutes, seconded by Jose Segarra; the motion passed unanimously.**

**5. Discussion and Action Item:** Approve amendments to the 2040 Metropolitan Transportation Plan (MTP) and FY19-22 Transportation Improvement Program (TIP) regarding TxDOT's Advanced Traffic Management System (ATMS) Project, W45-01.

Kendra Coufal informed the group that after the Policy Board approval, project W45-01 underwent a 15-day public comment period with one public meeting during which no comments were received. The amendment revises the original limits to the new limits from Coryell County line to FM 3423.

**Carole Warlick made a motion to recommend the approval for MTP and TIP amendments for project W45-01, seconded by David Blackburn; the motion passed unanimously.**

**6. Discussion and Action Item:** Approve the 2045 MTP through Resolution 2019-04

Kendra Coufal informed the group that the draft 2045 MTP, which has been developed over the past year with public workshops, a project call, and project scoring, and ranking has been compiled into a final copy. The final copy of the 2045 MTP underwent a 30-day public comment period and public forum during which no comments were received. Mrs. Coufal also stated that the final 2045 MTP has also been kept up to date on the KTMPO website and is there for review and comment.

**Susan Long made a motion to recommend approval of the 2045 MTP through Resolution 2019-04, seconded by Jose Segarra; the motion passed unanimously.**

**7. Discussion Item:** Review of draft FY20-21 Unified Planning Work Program (UPWP).

Kendra Coufal informed the board that the draft FY20-21 UPWP was brought before the TAC at their May 1<sup>st</sup> meeting for their review. Mrs. Coufal also informed the group that comments are being taken through May 17<sup>th</sup> and that on June 1<sup>st</sup> the document will be submitted to TxDOT for their preliminary review. The draft will be brought back one more time before the TAC and TPPB at their July meetings for final approval before the official submission of the document to TxDOT on August 1<sup>st</sup> and then for FTA/FHWA approval.

Mrs. Coufal referred the board to look at the screen for an overview of the draft task totals for planning funds. The total budget summary for the two years combined is just over \$2 million dollars with a breakdown of that left in the meeting packet.

No comments were made.

**8. Discussion Item:** Update on KTMPO 2018 Federal Highway Administration (FHWA)/Federal Transit Administration (FTA) Federal Certification Review.

Kendra Coufal informed the group that the KTMPO received a letter from the FHWA/FTA submitting their full summary report. According to the report there were no findings and no corrective actions, only a couple of recommendations and plenty of commendations. Mrs. Coufal stated that it was overall a good review and that KTMPO is certified to continue moving forward.

No comments were made.



**9. Discussion Item: Fort Worth – Laredo High Speed Transportation Study.**

Uryan Nelson informed the group that KTMPO is working with 5 other MPOs in from the Fort Worth to Laredo corridor on a High-Speed Transportation study. Mr. Nelson also informed the group that an informational session on the study was being held following the meeting at 10 AM.

No comments were made.

**10. Discussion Item: Public input received through April 30, 2019.**

Public input received through April 30, 2019 were presented to the TPPB.

**11. Member Comments:**

Kendra Coufal reminded the group that May is National Bike Month and that the City of Belton passed a resolution to recognize the month as National Bike Month. Mrs. Coufal also stated that this week is National Bike to Work Week and Friday is National Bike to Work Day and KTMPO's appreciation of cities in the region recognizing the importance of alternative modes of transportation.

**12. Adjourn:** The meeting adjourned at 9:43 a.m.

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

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Mayor Tim Davis, Chair

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Jim Reed, KTMPO Director

**Item 5:**

**FY20-21 Unified Planning Work  
Program (UPWP)**



**FY20-21 Unified Planning Work Program (UPWP) Approval**

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 our work plan and identifies tasks and subtasks that we plan to undertake during the plan period and the associated budget for these tasks.

Staff has updated the UPWP for FY20-21 and included in meeting packet. All feedback received from TAC, Policy Board and TxDOT has been included in the plan.

**Tentative Schedule:**

- May 1, 2019—TAC review of Draft FY20-21 UPWP.
- May 15, 2019—TPPB review of Draft FY20-21 UPWP.
- May 17, 2019- Submission of questions and comments to KTMP staff.
- June 1, 2019- KTMP submits UPWP to TxDOT for review.
- July 10, 2019- TAC recommends approval of final FY20-21 UPWP.
- **July 17, 2019- TPPB approves of final FY20-21 UPWP**
- August 1, 2019-KTMP submits final UPWP to TxDOT.

**Action Needed:** Approve FY20-21 Unified Planning Work Program (UPWP).



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**FISCAL YEARS (FYs) 2020-2021**

**UNIFIED PLANNING WORK PROGRAM**

**KILLEEN - TEMPLE METROPOLITAN PLANNING  
ORGANIZATION**

Approved by Transportation Planning  
Policy Board:

Amended by the Transportation  
Planning Policy Board:

This document was prepared in cooperation with the Texas Department of Transportation (TxDOT), the Federal Highway Administration (FHWA), and the Federal Transit Administration (FTA). All contents of this report reflect the views of the authors who are responsible for the opinions, findings and conclusions presented herein. The contents do not necessarily reflect the views or policies of FHWA, FTA or TxDOT.

Plan Approved on XXXX  
Administrative Changes on XXXX  
Plan Amended by TPPB on XXXX

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## INTRODUCTION

### **PURPOSE OF THE UNIFIED PLANNING WORK PROGRAM:**

The Unified Planning Work Program (UPWP) provides descriptive and scheduling details for the Killeen-Temple Metropolitan Planning Organization (KTMPO) planning process for FYs 2020-2021. The activities are required to implement the provisions of 23 USC 134 and 49 USC 5303 and are conducted in accordance with 23 CFR 420, 23 CFR 450, and FTA Circular C8100. The UPWP serves as a base document for carrying on the continuing, cooperative, and comprehensive (3 C's) transportation planning process in the Killeen-Temple urbanized area.

The MPO's Unified Planning Work Program (UPWP) will comply with all applicable federal and state regulations. Several transportation bills have been implemented in the past. These include the following:

- **ISTEA**—The Intermodal Surface Transportation Efficiency Act of 1991, which emphasized the efficiency of the intermodal transportation system.
- **TEA-21**—The Transportation Equity Act for the 21st Century, signed by the President in 1998, builds on the initiatives established in ISTEA with a particular focus on equity through access, opportunity, and fairness.
- **SAFETEA-LU**—The Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users, was enacted in 2005 authorizing the Federal surface transportation programs for highways, highway safety, and transit for the 5-year period 2005-2009.
- **MAP-21**—The Moving Ahead for Progress in the 21st Century Act, was enacted in 2012 and created a streamlined and performance-based surface transportation program and builds on many of the highway, transit, bike, and pedestrian programs and policies established in 1991.
- **FAST Act**—The Fixing America's Surface Transportation Act, was passed in 2015 covering a 5-year period and was the first Federal law in over ten years to provide long-term funding certainty for surface transportation (for fiscal years 2016 through 2020). The FAST Act continues the Metropolitan Planning Program and authorizes \$305 billion for the Department's highway, highway and motor vehicle safety, public transportation, motor carrier safety, hazardous materials safety, rail, and research, technology and statistics programs.

The FAST Act (23 CFR 450.306) requires MPOs to develop long-range transportation plans and Transportation Improvement Programs (TIPs) through a performance-driven, outcome-based approach to planning for metropolitan areas of the State. The metropolitan transportation planning process shall be continuous, cooperative, and comprehensive, and provide for consideration and implementation of projects, strategies, and services that will address the following factors:

- (1) Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- (2) Increase the safety of the transportation system for motorized and non-motorized users;
- (3) Increase the security of the transportation system for motorized and non-motorized users;
- (4) Increase accessibility and mobility of people and freight;
- (5) Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
- (6) Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
- (7) Promote efficient system management and operation;

- (8) Emphasize the preservation of the existing transportation system;
- (9) Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation; and
- (10) Enhance travel and tourism.

In addition, the MPO supports national transportation goals, increasing the accountability and transparency of the Federal-aid highway program, and improving project decision-making through performance-based planning and programming. Our focus sustains the national goals listed in 23 USC 150:

- **Safety:** achieve a significant reduction in traffic fatalities and serious injuries on all public roads.
- **Infrastructure condition:** maintain the highway infrastructure asset system in a state of good repair.
- **Congestion reduction:** achieve a significant reduction in congestion on the National Highway System.
- **System reliability:** improve the efficiency of the surface transportation system.
- **Freight movement and economic vitality:** improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development.
- **Environmental sustainability:** enhance the performance of the transportation system while protecting and enhancing the natural environment.
- **Reduced project delivery delays:** reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices.

The MPO continues to engage interested parties during the development of the Public Participation Plan (PPP), and the short-term and long-term transportation plans. Per 23 CFR 450.316, interested parties such as those listed below, shall have reasonable opportunities to comment on projects of the short-term and long-term transportation plans:

- Affected public agencies
- Freight shippers
- Private providers of transportation services
- Representatives of public transportation employees
- Representatives of the disabled
- Representatives of users of public transportation
- Representatives of users of pedestrian walkways and bicycle transportation facilities
- Other interested parties

The MPO continues to consult and cooperate with federal, state, and local agencies and tribal nations responsible for land use, natural resources, and other environmental issues during the adoption of long and short-term plans. The MPO consults with agencies responsible for historic preservation, natural resource conservation, environmental protection, and land use management, as appropriate, in the development of the short and long-term transportation plans. The KTMPO network of agencies are listed below:

- ....Airports/Railroads
- ....Bureau of Land Management Forest Service (US Department of Agriculture)
- ....General Land Office
- ....Bell County
- ....Coryell County
- ....Congressional Representatives
- ....Department of Aging & Regional Services
- ....Department of Section 8 housing
- ....Fort Hood
- ....Homeland Security
- ....Historical Commission
- ....Lampasas County
- ....Local Churches
- ....Local Historical Agencies
- ....Local Land Use Plans (City and County)
- ....Local Parks and Recreation Departments
- ....Local Economic Development Corporations
- .... Local Chamber of Commerce
- .... Local City Government
- .... Local Educational Institutions
- .... Local Planning & Zoning Commissions
- .... Local Transportation agencies
- .... National Marine Fisheries
- .... Public Libraries
- .... State Representatives
- .... Tribal Nations
- .... Texas Commission on Environmental Quality (TCEQ)
- .... Texas Historical Commission
- .... Texas Parks and Wildlife
- .... U.S. Army Corps of Engineers
- .... U.S. Border Patrol
- .... U.S. Department of Transportation
- .... U.S. Environmental Protection Agency
- .... U.S. Fish and Wildlife Services
- .... U.S. Geological Survey

In conjunction with the development of the Mobility 2045 Metropolitan Transportation Plan (MTP), environmental issues were considered. A general discussion of potential environmental issues has occurred in consultation with federal, state, tribal nations, environmental, and other regulatory agencies. This discussion is included in the MTP.

Transportation plans will include the use of visualization technology/techniques. The MPO will continue to investigate technology solutions as funding is available. Examples of visualization techniques may include charts and graphs, tables, Geographic Information System (GIS) maps overlaid with data, computer simulation, photo manipulation and static maps. The intent for this technique is to better depict the programs and their impact on the public. The KTMPO will utilize visualization techniques during the development of the short-term and long-term transportation plans.

#### **DEFINITION OF THE KTMPO PLANNING AREA:**

The Metropolitan Planning Area (MPA) includes the cities of Bartlett, Belton, Copperas Cove, Harker Heights, Holland, Kempner, Killeen, Little River/Academy, Morgan's Point Resort, Nolanville, Rogers, Temple, Troy, and Village of Salado. The planning area includes areas that may be reasonably expected to become urbanized in the next 25 years in between those cities and within the counties of Bell, Coryell, and Lampasas. (See Appendix B.)

#### **ORGANIZATION:**

KTMPO policy is guided by the Transportation Planning Policy Board (TPPB). TPPB Membership is defined in an officially adopted set of bylaws. A list of the TPPB Membership is provided in Appendix A. The TPPB provides policy guidance for the organization and is responsible for reviewing and approving the MPO's MTP, the Transportation Improvement Program (TIP), and UPWP. The Technical Advisory Committee (TAC), appointed by local jurisdictions, assists the TPPB in reviewing projects from the technical point of view and advising the TPPB on technical issues. MPO staff is comprised of planning and technical professionals responsible for the administration of this organization.



The Central Texas Council of Governments is under contract with TxDOT to provide professional technical support, staff, and administrative support for the MPO per federal funding agency guidelines. Currently, the staff consists of a Director, Manager, Planners, GIS technicians, and support personnel.

**PRIVATE SECTOR INVOLVEMENT:**

Private consultants may be used, but not limited, to conduct special studies within the region including thoroughfare plans and traffic counts; may be used to conduct demographic and traffic studies for planning public transit system routes and services; and may be used to collect additional necessary transportation data.

**PLANNING ISSUES AND EMPHASIS:**

Continued KTMPO efforts in the implementation of the transportation bills will identify planning issues and emphasis areas which include:

- Coordinate with local, regional, state, and federal agencies in the development of a comprehensive, accessible, and seamless transportation system for all citizens;
- Provide transportation planning assistance to the Killeen and Temple Urban Transit Districts in fulfilling their role as the provider of urban transit service;
- Evaluate transportation alternatives scaled to fit the region, its transportation issues, and the realistically available resources from a context sensitive approach to develop a sustainable transportation system that improves the livability of our region;
- Continue data development and implementation of the Congestion Management Process (CMP);
- Monitor the implementation of the 2045 MTP;
- Manage the TIP to ensure that it serves the region's goals;
- Involve the general public in the transportation planning process through the implementation of the PPP;
- Continue to transition to Performance-based Planning and Programming (PBPP) by working with our federal, state and local partners (expectations of performance targets will to continue to be identified by state partners during this UPWP cycle and efforts with local partners to collect performance data will occur during this cycle as well);
- Continue "Regional Models of Cooperation" efforts and "Ladders of Opportunity" through meetings with Transit and area/regional MPOs on air quality, roadways, freight, transit, and other transportation planning issues. KTMPO staff will continue hosting quarterly Central Texas Regional Transportation Advisory Group meetings and bi-monthly Planner Roundtable sessions to discuss common gaps, successes, and challenges. These meetings allow the KTMPO region to address transportation efforts and needs on a "real time" basis;
- Continue to facilitate a Freight Advisory Committee to identify KTMPO Freight needs and issues; and
- Continue to facilitate regular meetings of the Bicycle/Pedestrian Advisory Group to identify non-motorized transportation needs within the region.

## **TASK 1.0 ADMINISTRATION / MANAGEMENT**

### **A. OBJECTIVE:**

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

### **B. EXPECTED PRODUCTS:**

The expected product is a management structure that accomplishes established planning objectives in conformance with state and federal requirements. All UPWP tasks will be budgeted and scheduled in advance as best as possible to assure that the majority of efforts are properly sequenced and resourced. Planning documents produced may include the Annual Performance and Expenditure Report, the Annual Project Listing, Annual Title VI Report, and modifications to the Bylaws (as needed). Consultant procurement activities will be conducted by MPO as needed.

### **C. PREVIOUS WORK:**

1. Prepared the FY2018 Annual Performance and Expenditure Report, FY2018 Annual Project Listing, and the FYs 2018-2019 UPWP and administrative amendments.
2. Conducted TPPB and TAC meetings; facilitated Bike/Pedestrian Advisory and Freight Advisory Committee meetings; hosted bi-monthly Planner Roundtable meetings to provide a forum for regional coordination and information exchange among the various entities within the MPO boundary. These regularly scheduled meetings are ongoing.
3. Attended various community events such as Ft. Hood Earth Day, Gatesville ISD Earth Day, and Leadership Central Texas and served as representative on Central Texas Regional Transportation Advisory Group to promote awareness of transportation-related topics (i.e. air quality, transportation options, etc.). Attending events, promotional efforts and serving as committee representative when possible is ongoing.
4. Maintained a management structure that accomplishes the planning objectives set forth. Maintenance of structure is ongoing.
5. Staff members attended various workshops and conferences sponsored by TxDOT, FHWA, FTA, National Highway Institute. Topics included freight movement, planning and environmental linkages, local government planning, project evaluation trainings, public involvement, resiliency, performance measure compliance and others. Conferences included the American Planning Association annual meeting, Association of Metropolitan Planning Organizations, TxDOT Transportation Forum, TxDOT Transportation Planning Conference, and others.
6. Staff also participated in free FHWA/TxDOT sponsored webinars as available on a wide range of planning topics to include Census Data, Environmental Justice, and Title VI, performance measures, public engagement, freight and mobility planning. Attending meetings, trainings, and conferences is ongoing.
7. Maintained demographic data and used in evaluating and selecting projects with regard to Environmental Justice (EJ) areas; location and impact of a project with regard to EJ areas was considered. Data collection for EJ areas is ongoing.
8. Provided administrative support to all MPO entities and members as requested to include data, maps, information, and presentations. Efforts of administrative support are ongoing.
9. Provided the public with up-to-date transportation related information via email and KTMPO website updates to include: social media, presentations, KTMPO meeting materials,

transportation related news from all partners, current KTMPO transportation planning documents, transportation planning information handouts and quarterly newsletters. Public awareness of transportation related information is ongoing.

10. Continued maintenance agreements regarding GIS software and additional costs for shared equipment in the CTCOG facility including maintenance on copy machines, plotters and computer equipment.
11. KTMPO staff prepared for and underwent a Federal Certification Review with no findings. FHWA and FTA jointly determined that the metropolitan transportation planning process was substantially consistent with federal requirements in 23 CFR 450(highway) and 49 CFR Part 613 (transit) metropolitan planning regulations.
12. Worked with the TPPB/TAC on revised project scoring criteria, issued project call for MTP resulting in the competitive selection of projects and reprioritized project listing.

#### **D. SUBTASKS:**

##### **1.1. General Administration**

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

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

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

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

Public Involvement and Outreach: Staff will offer presentations and materials as requested to the public. Staff will continue to explore public outreach efforts such as surveys and internet-based outreach mechanisms. KTMPO staff will develop and participate in community outreach programs. These community outreach opportunities will keep citizens informed about the transportation planning process and provide additional opportunity for public input. Staff will provide "livestreaming" of the policy board meetings. Staff will provide the public with up-to-date transportation related information via email, social media, the KTMPO website, and quarterly newsletters. KTMPO will maintain all functional website information/design through staff and contracted services.

UPWP: MPO staff will coordinate with the TPPB to assess the status of the MPO and the needs of members and plan a budget for the next two-year scope of work. MPO staff will



review and amend the UPWP in FYs 20 & 21 as needed and will develop the next two-year UPWP in 2021.

1.2. Training

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

1.3. Travel

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

1.4. Equipment

Equipment needs for the KTMPO may include software and automation maintenance services in order to meet the local transportation planning needs. The automation needs for the KTMPO may include, but are not limited to the following: IT infrastructure, GPS units, congestion monitoring data and equipment, data collection devices, servers, computers, peripherals, furniture, and general office equipment. KTMPO staff will obtain all necessary approvals prior to all purchases over \$5,000. KTMPO understands acquisition costs do not only apply to a single item.

1.5. Operating Costs

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

## FUNDING SUMMARY

### Task 1.0 - FY20/21

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) <sup>(1)</sup>		FTA Sect. 5307		Local		Total
		FY20	FY21	FY20	FY21	FY20	FY21	
1.1 ADMINISTRATION	KTMP	\$381,731	\$381,731	\$0	\$0	\$0	\$0	\$763,462
1.2 TRAINING	KTMP	\$3,500	\$3,500	\$0	\$0	\$0	\$0	\$7,000
1.3 TRAVEL	KTMP	\$7,000	\$7,000	\$0	\$0	\$0	\$0	\$14,000
1.4 EQUIPMENT	KTMP	\$8,000	\$8,000	\$0	\$0	\$0	\$0	\$16,000
1.5 OPERATING COST	KTMP	\$85,117	\$85,117	\$0	\$0	\$0	\$0	\$170,233
<b>Total</b>		\$485,348	\$485,348	\$0	\$0	\$0	\$0	\$970,695

(1) TPF – This includes both FHWA PL-112 and FTA Section 5303 funds.

Estimate based on prior years' authorizations. Approvals are made contingent upon legislation for continued funding.

TxDOT will apply transportation development credits sufficient to provide the match for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor person-hours, they are not reflected in the funding tables.

## **TASK 2.0 DATA DEVELOPMENT AND MAINTENANCE**

### **A. OBJECTIVE:**

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

### **B. EXPECTED PRODUCTS:**

The expected products include maintaining a computer-oriented transportation planning capability with current databases and any needed updates to those databases. MPO staff will continue to create and maintain a system of collecting and reporting local data in support of the regional database. Data sets will be maintained for crashes, GIS development, traffic counts, special generators, and demographic forecasts. All existing equipment will be maintained appropriately.

### **C. PREVIOUS WORK:**

The subtasks associated with this task are performed on a continual basis from year to year. Highlights of work completed include:

1. KTMPO technical staff continued to maintain a transportation database with all data associated with transportation planning analysis, including, but not limited to: roadway network, bicycle and pedestrian network, Congestion Management Network, transit routes and stops, traffic counts, traffic accidents, employment data, housing data, and environmental justice areas.
2. KTMPO technical staff continued to gather, verify, and update all spatial data as required for transportation. Updated the bicycle and pedestrian facilities layer as information became available. Reevaluated the environmental justice areas to maintain a consistent Census geography in analysis. Published web-based mapping tools on ArcGIS Online to provide visibility on planned projects as well as to allow public input to highlight gaps in the GIS data or to propose new bicycle or pedestrian facilities.
3. Continued to provide mapping and data support to planning partners.

### **D. SUBTASKS:**

#### **2.1. Database Maintenance**

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

#### **2.2. GIS Development**

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

1. Traffic counts, capacity, speeds, length, and crash data.
2. Fort Hood network.



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

## FUNDING SUMMARY

### Task 2.0 - FY20/21

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) <sup>(1)</sup>		FTA Sect. 5307		Local		Total
		FY20	FY21	FY20	FY21	FY20	FY21	
<b>2.1 DATABASE MAINTENANCE</b>	KTMPPO	\$20,074	\$20,074	\$0	\$0	\$0	\$0	\$40,148
<b>2.2 GIS DEVELOPMENT</b>	KTMPPO	\$20,074	\$20,074	\$0	\$0	\$0	\$0	\$40,148
<b>Total</b>		\$40,148	\$40,148	\$0	\$0	\$0	\$0	\$80,296

(1) TPF – This includes both FHWA PL-112 and FTA Section 5303 funds.

Estimate based on prior years' authorizations. Approvals are made contingent upon legislation for continued funding.

TxDOT will apply transportation development credits sufficient to provide the match for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor person-hours, they are not reflected in the funding tables.

## **TASK 3.0 SHORT RANGE PLANNING**

### **A. OBJECTIVE:**

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

### **B. EXPECTED PRODUCTS:**

1. Revised TIP to program highway, transit, bicycle, and pedestrian projects that are ready to be implemented or constructed.
2. Public awareness of the transportation planning process.
3. MPO support system of the multi-county regional public transportation service plan through the attending of meetings and providing technical assistance support within the MPA.
4. Compliance with federal and state requirements for short range planning including any needed changes to the next TIP iteration.
5. Coordination with TPPB/TAC on selection of projects and allocation of funding as funding becomes available.
6. Monitored review of 2019-2022 TIP.
7. Development of the Draft FY 2021-2024 TIP.

### **C. PREVIOUS WORK:**

1. Development of the FYs 2019-2022 TIP.
2. Revisions to the FYs 2017-2020 TIP
3. Coordination and hosting of the Central Texas Regional Transportation Advisory Group (CTRTAG) responsible for updating the Regionally Coordinated Transportation Plan (RCTP).
4. Coordination and hosting of the "Planners Roundtable" for partner planners.
5. Coordination and hosting of the Development District of Central Texas (DDCT) quarterly meetings to discuss economic development issues/needs in the area.
6. Conducted TPPB and TAC meetings; facilitated Bike/Pedestrian Advisory and Freight Advisory Committee meetings; hosted bi-monthly Planner Roundtable meetings to provide a forum for regional coordination and information exchange among the various entities within the MPO boundary. These regularly scheduled meetings are ongoing.

### **D. SUBTASKS:**

#### **3.1. Committee and Board Support**

MPO staff will continue to conduct Bike and Pedestrian Advisory Committee, Freight Advisory Committee, and Planner Roundtable.

#### **3.2. Transportation Improvement Program**

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

#### **3.2 Regional Planning Project**

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

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

### 3.3 Hill Country Transit District – Temple UZA - Planning

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

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

- Comprehensive planning activities relating to the continued provision of fixed route and complementary para-transit service;
- Review of routes, bus stops, shelter locations, and major transfer points;
- Review of marketing/advertising program;
- Coordination of transportation services;
- Safety and security planning;
- Participation in regional planning efforts;
- Review of air quality issues and use of alternate fueled vehicles;
- Application of software programs for planning and scheduling routes and trips for Fixed Route Service and American's with Disabilities Act (ADA) Complementary Para-transit Service;
- On-going financial planning and analysis; and,
- Other allowable activities directly related to implementation of fixed route and complementary ADA para-transit services.

### 3.4 Hill Country Transit District – Killeen UZA – Planning

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

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

- Comprehensive planning activities relating to the continued provision of fixed route and complementary ADA para-transit service for the cities of Copperas Cove, Killeen, and Harker Heights;
- Review of routes, bus stops, shelter locations, and major transfer points;
- Review of marketing/advertising program;
- Coordination of transportation services;
- Safety and security planning;
- Participation in regional planning efforts;
- Congestion management planning, which affects traffic patterns on US 190;



- Review of air quality issues and use of alternative fueled vehicles;
- On-going financial planning and analysis; and,
- Other allowable activities directly related to refining and expanding current fixed route and complementary ADA paratransit services.

## FUNDING SUMMARY

### Task 3.0 - FY20/21

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) <sup>(1)</sup>		FTA Sect. 5307		Local		Total
		FY20	FY21	FY20	FY21	FY20	FY21	
3.1 TIP	KTMPO	\$48,259	\$48,259	\$0	\$0	\$0	\$0	\$96,518
3.2 REGIONAL PLANNING	KTMPO	\$9,652	\$9,652	\$0	\$0	\$0	\$0	\$19,304
3.3 HCTD TEMPLE UZA PLANNING	HCTD	\$0	\$0	\$6,499	\$6,499	\$12,070	\$12,070	\$37,138
3.4 HCTD KILLEEN UZA PLANNING	HCTD	\$0	\$0	\$15,407	\$15,407	\$17,374	\$17,374	\$65,562
<b>Total</b>		\$57,911	\$57,911	\$21,906	\$21,906	\$29,444	\$29,444	\$218,522

(1) TPF – This includes both FHWA PL-112 and FTA Section 5303 funds.

Estimate based on prior years' authorizations. Approvals are made contingent upon legislation for continued funding.

TxDOT will apply transportation development credits sufficient to provide the match for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor person-hours, they are not reflected in the funding tables.

## **TASK 4.0 METROPOLITAN TRANSPORTATION PLAN**

### **A. OBJECTIVE:**

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

### **B. EXPECTED PRODUCTS:**

1. KTMPO will monitor and implement the MTP designed to meet the objectives and needs of its members. Continued implementation of key planning elements of the MTP may include and are not limited to: local Advisory Groups, updated prioritization of projects utilizing an updated TDM, updated planning and environmental linkages elements in each project, and updates as needed to the CMP.
2. KTMPO will comply with House Bill (HB) 20, passed by the Texas Legislature in 2015, and coordinate with TxDOT district representatives to develop a 10-Year Plan utilizing the current TIP and the next 6 years of projects based upon project prioritization, readiness and funding availability.
3. KTMPO will track and report performance on the CMP network and assess progress made towards congestion reduction. The CMP will be updated as needed

### **C. PREVIOUS WORK:**

1. Staff continued to implement the 2040 MTP.
2. Staff updated the Regional Thoroughfare Plan into the Regional Multimodal Plan.
3. KTMPO staff prepared for and underwent a Federal Certification Review with no findings. FHWA and FTA jointly determined that the metropolitan transportation planning process was substantially consistent with federal requirements in 23 CFR 450(highway) and 49 CFR Part 613 (transit) metropolitan planning regulations.
4. Staff adhered to federally required performance measure implementation timeline with adoption of performance measure targets for the region and inclusion into planning documents.
5. Staff conducted an update of the 2045 MTP to include revised scoring criteria, call for projects, scoring process and reprioritization of project listing.
6. Staff utilized a consultant to use the 2015 Travel Demand Model to determine level of service for each of the MTP roadway projects submitted during the call for projects.  
Staff utilized a consultant to assist in further development and implementation of the CMP, to include the identify and use data sources to update the CMP and monitor system performance, calculate congestion performance, and re-prioritize CMP Segments.
7. During FY18-19, staff regularly reviewed information for the ozone monitors in Killeen and Temple and posted air quality information on the KTMPO website and newsletters, and presented updated ozone readings at various MPO meetings.

### **D. SUBTASKS:**

#### **4.1 Mobility 2045 Metropolitan Transportation Plan Implementation**

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

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

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

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

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

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

#### 4.2 Congestion Management Process (Internal)

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

## FUNDING SUMMARY

### Task 4.0 - FY20/21

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) <sup>(1)</sup>		FTA Sect. 5307		Local		Total
		FY20	FY21	FY20	FY21	FY20	FY21	
4.1 MTP 2045 IMPLEMENTATION	KTMPPO	\$157,400	\$157,400	\$0	\$0	\$0	\$0	\$314,800
4.2 CONGESTION MANAGEMENT PROCESS (INTERNAL)	KTMPPO	\$9,652	\$9,652	\$0	\$0	\$0	\$0	\$19,304
<b>Total</b>		\$167,052	\$167,052	\$0	\$0	\$0	\$0	\$334,104

(1) TPF – This includes both FHWA PL-112 and FTA Section 5303 funds.

Estimate based on prior years' authorizations. Approvals are made contingent upon legislation for continued funding.

TxDOT will apply transportation development credits sufficient to provide the match for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor person-hours, they are not reflected in the funding tables.

## **TASK 5.0 SPECIAL STUDIES**

### **A. OBJECTIVE:**

To provide a format for the inclusion of a variety of topics necessary to complete the goals and objectives set forth in the MTP and other unique transportation topics which demand special attention and are beyond the scope of the other regularly-programmed activities and tasks. This task includes subtasks that may not be worked on continuously or that may not be completed in two years. Several study needs that could have an impact on regional planning have been discussed with the KTMPO partners. Funds have been reserved for miscellaneous studies. The TAC and TPPB will determine which studies to fund during FY20 and 21.

### **B. EXPECTED PRODUCTS:**

Special studies are designed to provide information that has a direct impact to the regional transportation plan.

### **C. PREVIOUS WORK:**

1. KTMPO staff utilized a consultant to assist in tracking and reporting performance on the CMP network, assessing progress made towards congestion reduction, and updating the CMP as needed.
2. Staff utilized a consultant to update the CMP and run the TDM to evaluate and prioritize projects for inclusion in the MTP project listing and assign objective scores.
3. During FY18, MPO staff continued researching requirements for performance-based planning and programming and participated in FHWA webinars. Scoring criteria was evaluated for the inclusion of elements of HB20 and proposed rules/guidelines provided by FHWA.
4. KTMPO reviewed and updated the Regional Thoroughfare and Pedestrian/Bicycle Plan into the new Regional Multi-Modal Plan to reflect updated information, changing development trends, shifts in travel patterns, and other relevant factors that may impact future multi-modal planning in our region.

### **D. SUBTASKS:**

#### **5.1 Travel Demand Model**

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

#### **5.2 Congestion Management Process**

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

#### **5.3 Performance Measures/Targets**

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

#### **5.4 FAST Act Performance Measures Study**

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



5.5 Vulnerability & Resiliency Study

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

5.6 Evaluation of 2045 MTP Projects

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

5.7 Future Growth Scenario Plan

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

5.8-5.11 Special Studies

KTMPO may use consultants as needed to assist in conducting planning studies. Funds have been reserved for these studies. Studies presented to TAC in February 2019 for future consideration include Regional Freight Transportation/Parking Study, Transit Demand Study, Corridor Study, Environmental Justice Analysis of Transportation Projects Study, Bike Share Feasibility Study and others. Other studies may include traffic count studies, bike/ped regional connections studies, rails to trails feasibility studies, transit funding options, etc. The TAC and TPPB will be consulted in determining which studies to fund and approve the funding of these studies.

## FUNDING SUMMARY

### Task 5.0 - FY20/21

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) <sup>(1)</sup>		FTA Sect. 5307		Local		Total
		FY20	FY21	FY20	FY21	FY20	FY21	
<b>5.1 TRAVEL DEMAND MODEL</b>	KTMP	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$100,000
<b>5.2 CONGESTION MANAGEMENT PROCESS</b>	KTMP	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$200,000
<b>5.3 PERFORMANCE MEASURES AND TARGETS</b>	KTMP	\$12,500	\$12,500	\$0	\$0	\$0	\$0	\$25,000
<b>5.4 FAST ACT PERFORMANCE MEASURE STUDY</b>	KTMP	\$19,000	\$0	\$0	\$0	\$0	\$0	\$19,000
<b>5.5 VULNERABILITY &amp; RESILIENCY STUDY</b>	KTMP	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
<b>5.6 EVALUATION OF 2045 MTP PROJECTS</b>	KTMP	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
<b>5.7 FUTURE GROWTH SCENARIO PLAN</b>	KTMP	\$27,500	\$0	\$0	\$0	\$0	\$0	\$27,500
<b>5.8 SPECIAL STUDY</b> (see previous page)	KTMP	\$35,000	\$35,000	\$0	\$0	\$0	\$0	\$70,000
<b>5.9 SPECIAL STUDY</b> (see previous page)	KTMP	\$35,000	\$35,000	\$0	\$0	\$0	\$0	\$70,000
<b>5.10 SPECIAL STUDY</b> (see previous page)	KTMP	\$35,000	\$35,000	\$0	\$0	\$0	\$0	\$70,000
<b>5.11 SPECIAL STUDY</b> (see previous page)	KTMP	\$35,000	\$35,000	\$0	\$0	\$0	\$0	\$70,000
<b>Total</b>		\$399,000	\$302,500	\$0	\$0	\$0	\$0	\$701,500

(1) TPF – This includes both FHWA PL-112 and FTA Section 5303 funds.

Estimate based on prior years' authorizations. Approvals are made contingent upon legislation for continued funding.

TxDOT will apply transportation development credits sufficient to provide the match for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor man-hours, they are not reflected in the funding tables.

### UPWP BUDGET SUMMARY FY20/21

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) <sup>(1)</sup>		FTA Sect. 5307		Local		Total
		FY20	FY21	FY20	FY21	FY20	FY21	
<b>1. Administration-Management</b>	KTMPPO	\$485,348	\$485,348	\$0	\$0	\$0	\$0	\$970,695
<b>2. Data Development and Maintenance</b>	KTMPPO	\$40,148	\$40,148	\$0	\$0	\$0	\$0	\$80,296
<b>3. Short Range Planning</b>	KTMPPO & HCTD	\$57,911	\$57,911	\$21,906	\$21,906	\$29,444	\$29,444	\$218,522
<b>4. Metropolitan Transportation Plan</b>	KTMPPO	\$167,052	\$167,052	\$0	\$0	\$0	\$0	\$334,104
<b>5. Special Studies</b>	KTMPPO	\$399,000	\$302,500	\$0	\$0	\$0	\$0	\$701,500
<b>Total</b>		<b>\$1,149,459</b>	<b>\$1,052,959</b>	<b>\$21,906</b>	<b>\$21,906</b>	<b>\$29,444</b>	<b>\$29,444</b>	<b>\$2,305,117</b>

<sup>1</sup> TPF - This includes both FHWA PL-112 and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor man-hours, they are not reflected in the funding tables.

**Combined Transportation Planning Funds** \$1,257,188

(FHWA PL-112: \$1,109,325; FTA 5303: \$147,863) based on FY17 & FY18 allocations.

**Estimated Unexpended Carryover** \$ 831,226

FY19 Carryover

**TOTAL TPF** \$2,088,414

## APPENDIX A



## POLICY BOARD

### **Chairman:**

**Mayor Tim Davis**

City of Temple

2 North Main #103, Temple TX 76501

Phone: (254) 298-5301

Fax: (254) 298-5837

[tdavis@templetx.gov](mailto:tdavis@templetx.gov)

Alternate: Brynn Myers, Lynn Barrett, Brian Chandler, Jason Deckman, Erin Smith

### **Vice Chairman:**

**Mayor Jose Segarra**

City of Killeen

101 N. College Street

Killeen, Texas 76541

[mayor@killeentexas.gov](mailto:mayor@killeentexas.gov)

Phone: (254) 290-0548

Alternate: Ron Olson, Councilmember Jim Kilpatrick,

### **Councilmember Butch Menking**

City of Killeen

101 N. College Street

Killeen, TX 76541

Phone: (254) 501-7600

[bmenking@killeentexas.gov](mailto:bmenking@killeentexas.gov)

Alternate:

### **Councilmember Gregory Johnson**

City of Killeen

101 N. College Street

Killeen, TX 76541

Phone: (254) 702-5162

[gjohnson@killeentexas.gov](mailto:gjohnson@killeentexas.gov)

Alternate: Ron Olson, Councilmember Shirley Fleming,

### **Councilmember Susan Long**

City of Temple

2 North Main St., STE 103

Temple, TX 76501

Phone: (254) 774-5700

[susan.long@templetx.gov](mailto:susan.long@templetx.gov)

Alternate: Erin Smith, Brynn Myers, Jason Deckman

### **Mayor Marion Grayson**

City of Belton

333 Water Street, Belton, TX 76513

Phone: (254) 718-7878

Fax: (254) 939-0488

[mariongrayson@gmail.com](mailto:mariongrayson@gmail.com)

Alternate: Sam Listi, Cheryl Maxwell

### **Councilmember Dan Yancey**

City of Copperas Cove

PO Drawer 1449; 914 S. Main St., Ste. C

Copperas Cove, TX 76522

Phone: (254) 547-4221

[dyancey@copperascovetx.gov](mailto:dyancey@copperascovetx.gov)

Alternate: Ryan Haverlah

### **Mayor Spencer Smith**

City of Harker Heights

305 Miller's Crossing, Harker Heights, TX 76548

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Fax: (254) 953-5605

[shsmith@ci.harker-heights.tx.us](mailto:shsmith@ci.harker-heights.tx.us)

Alternate: David Mitchell, Joseph Molis

### **Mayor Tammy Cockrum**

Bell County

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Phone: (254) 642-3312

Fax: (254) 642-3102

[Mayor@cityofrogers.us](mailto:Mayor@cityofrogers.us)

Alternate:

### **Commissioner Mark Rainwater**

Lampasas County

P.O. Box 231

Lampasas, TX 76550

Phone: (512) 734-0742

Fax: (512) 556-8270

[rainwater150@gmail.com](mailto:rainwater150@gmail.com)

Alternate:

## APPENDIX A



## POLICY BOARD

### Judge Roger Miller

Coryell County Main Street Annex  
800 E. Main Street, Suite A  
Gatesville, TX 76528  
Phone: (254) 865-5911, ext. 2222  
Fax: (254) 865-2040  
[countyjudge@coryellcounty.org](mailto:countyjudge@coryellcounty.org)  
Alternate:

### Judge David Blackburn

Bell County Historic Courthouse  
101 E. Central Avenue  
Belton, Texas 76513  
Phone: (254) 933-5105  
Fax: (254) 933-5179  
[David.blackburn@bellcounty.texas.gov](mailto:David.blackburn@bellcounty.texas.gov)  
Alternate: Bobby Whitson

### Carole Warlick

General Manager, Hill Country Transit District  
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[cwarlick@takeithop.com](mailto:cwarlick@takeithop.com)  
Alternate: Darrell Burtner

### Stan Swiatek, P.E.

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Fax: (254) 867-2890  
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Alternate: Victor Goebel

### Elias Rmeili, P.E.

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Alternate: Jason Scantling

### NON VOTING MEMBERS

#### Brian Dosa

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[brian.l.dosa.civ@mail.mil](mailto:brian.l.dosa.civ@mail.mil)  
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#### Justin P. Morgan

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## APPENDIX A



### TECHNICAL ADVISORY COMMITTEE

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#### **Robert Lewis**

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Alternate: Ryan Haverlah

#### **Joseph Molis**

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Alternate: David Mitchell

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Alternate:

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Alternate:

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#### **Solomon A. Thomas**

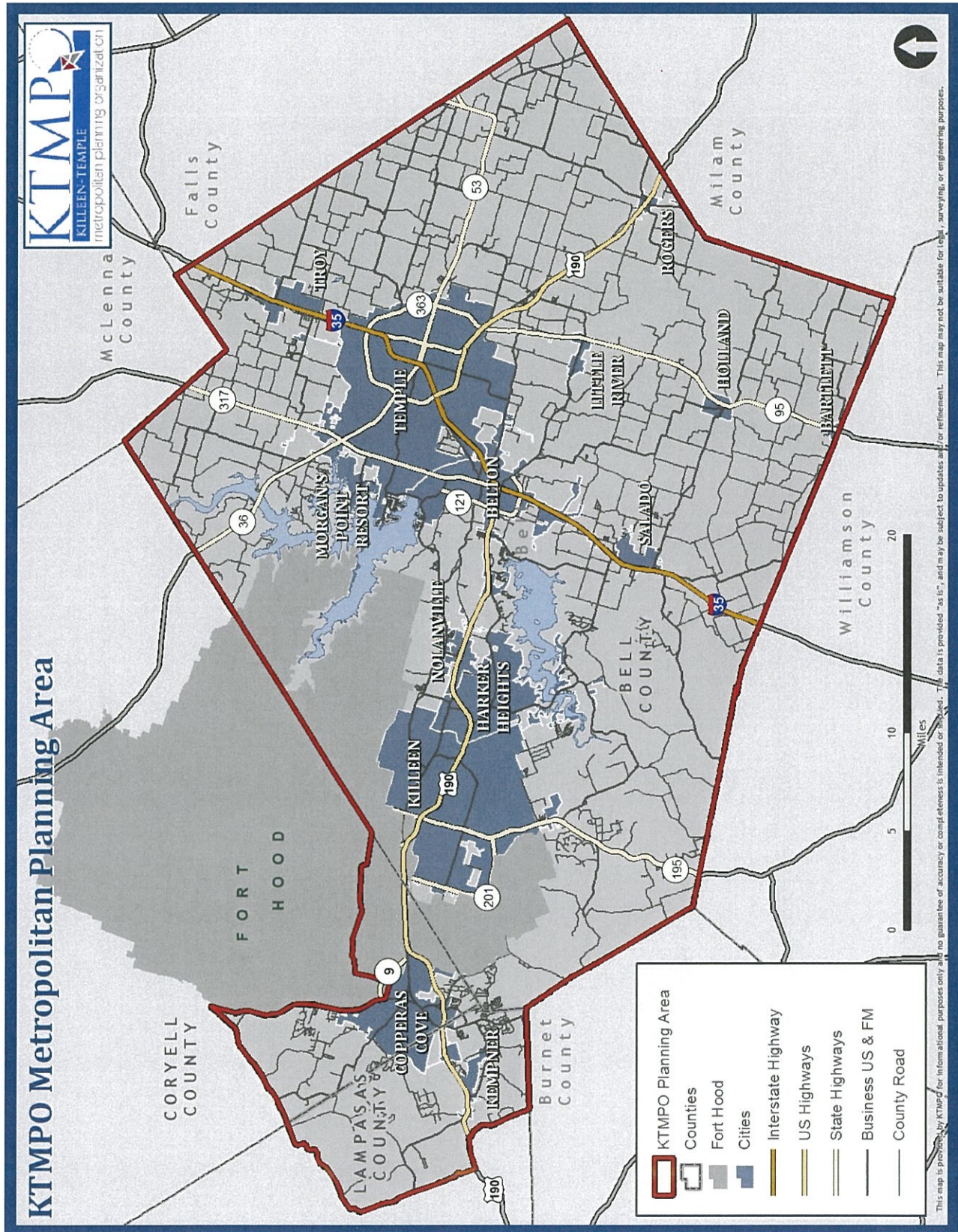
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# APPENDIX B



## APPENDIX C

### DEBARMENT CERTIFICATION (Negotiated Contracts)

- (1) The **Killeen-Temple Metropolitan Planning Organization (KTMPO)** as **CONTRACTOR** certifies to the best of its knowledge and belief that it and its principals:
- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency;
  - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public\* transaction or contract under a public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity\* with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
  - (d) Have not within a three-year period preceding this application/proposal had one or more public transactions\* terminated for cause or default.
- (2) Where the **CONTRACTOR** is unable to certify to any of the statements in this certification, such **CONTRACTOR** shall attach an explanation to this certification.

*\*federal, state or local*

\_\_\_\_\_  
Signature – Mayor Tim Davis, Chairman  
KTMPO Transportation Planning Policy Board

\_\_\_\_\_  
Date

## **APPENDIX D**

### **LOBBYING CERTIFICATION**

#### **CERTIFICATION FOR CONTRACTS, GRANTS, LOANS AND COOPERATIVE AGREEMENTS**

The undersigned certifies to the best of his or her knowledge and belief, that:

- (1) No federal appropriated funds have been paid or will be paid by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form - LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including sub-contracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclosure accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

---

Signature – Mayor Tim Davis, Chairman  
KTMPO Transportation Planning Policy Board

---

Date

**APPENDIX E**  
**CERTIFICATION OF COMPLIANCE**

I, Mayor Tim Davis, KTMPO Transportation Planning Policy Board Chairman,  
(Name and Position, Typed or Printed)

a duly authorized officer/representative of Killeen-Temple Metropolitan Planning Organization,  
(MPO)

do hereby certify that the contract and procurement procedures that are in effect and used by the forenamed MPO are in compliance with 2 CFR 200, "Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards," as it may be revised or superseded.

Attest:

\_\_\_\_\_  
Signature - Mayor Tim Davis, Chairman  
KTMPO Transportation Planning Policy Board

\_\_\_\_\_  
Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title



**APPENDIX F**

**CERTIFICATION OF INTERNAL ETHICS AND COMPLIANCE PROGRAM**

I, Mayor Tim Davis, KTMPO Transportation Planning Policy Board Chairman,  
(Name and Position, Typed or Printed)

a duly authorized officer/representative of Killeen-Temple Metropolitan Planning Organization,  
(MPO)

do hereby certify that the forenamed MPO has adopted and does enforce an internal ethics and compliance program that is designed to detect and prevent violations of law, including regulations and ethical standards applicable to this entity or its officers or employees and that the internal ethics and compliance program satisfies the requirements of by 43 TAC § 31.39 "Required Internal Ethics and Compliance Program" and 43 TAC § 10.51 "Internal Ethics and Compliance Program" as may be revised or superseded.

Attest:

\_\_\_\_\_  
Signature - Mayor Tim Davis, Chairman  
KTMPO Transportation Planning Policy Board

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

**Item 6:**

**TxDOT Quarterly Review of  
Local Government Projects**

**TxDOT Quarterly Review of Local Government Projects**

Each quarter, TxDOT staff will provide a quarterly update of local government projects to keep KTMP Technical Advisory Committee abreast of project readiness and potential delays throughout the region.

**Action Needed:** No Action. For Discussion Only.



# KTMPO Project Status Summary

## State Let Projects

CSJ	Sponsor	Let Date	Funding	Description
2136-01-020	Salado	2/19	Cat 7 & 10	Sidewalks
0836-02-073	TxDOT	5/19	Cat 7	Turn around ramps
0231-04-061	TxDOT	6/19	Cat 2M	US 190 Widening
1835-02-058	Temple	8/19	Cat 7	FM 1741 Sidewalks
0231-02-062	Copperas Cove	3/20	Cat 2M & 10	BUS US 190
0231-03-147	Harker Heights	7/20	Cat 7	US 190 Turnaround @ FM 2410
0231-19-003	Copperas Cove	1/21	Cat 2M	Copperas Cove Bypass
0724-01-055	Copperas Cove	2/23	Cat 2M	FM 116 RR Underpass
2502-01-017	Belton	1/23	Cat 2M	Loop 121
1835-01-026	Belton	1/23	Cat 2M	FM 93 Phase I & 2
3409-01-007	Harker Heights	1/24	Cat 2M	FM 3481 Phase I

Project is on track for letting

Project is facing minor delays

Contact Local Govt Staff at TxDOT

Information presented on 2/6/19



# KTMPO Project Status Summary

## Local Let Projects

CCSJ	Sponsor	Let Date	Funding	Description
3128-01-013	Copperas Cove	12/19	Cat 7	FM 116 Sidewalks
0909-39-131	Copperas Cove	5/20	Cat 7 & 9	The Narrows
0909-36-163	Belton	8/20	Cat 9 – TASA	IH 35
0184-03-039	Temple	9/20	Cat 7	Adams/Central Avenue
0909-36-168	Temple	1/21	Cat 7	Outer Loop Phase I
0909-36-169	Belton	1/21	Cat 9	13 <sup>th</sup> Avenue SUP
0909-36-167	Nolanville	1/21	Cat 7	City Park Connectivity
0909-36-175	Killeen	1/23	Cat 7	Chapparral Phase I
0909-36-171	Harker Heights	1/25	Cat 7	Warriors Path
0909-36-174	Temple	1/27	Cat 7	Outer Loop Phase II
0909-36-173	Temple	1/27	Cat 9	Georgetown RR Trail
0909-36-172	Killeen	1/28	Cat 7	Chapparral Phase II
Project is on track for letting		Project is facing minor delays		Contact Local Govt Staff at TxDOT



# Item 7: Public Input

**Public Input Received through June 30, 2019**

KTMP has been collecting public comments received online, via emails, public hearings, meetings, social media accounts, web maps and other forms of communication. Staff bring these to the TAC and TPPB on a regular basis to ensure the MPO boards are aware of public concerns and have the opportunity to respond accordingly. Public input received through June 30, 2019 is included in meeting packet.

**Action Needed:** No action at this time; for discussion only.



## KTMP Public Comments

FY19

Date	Name	Means of Public Comment	Public Comment	Date Comment Was Presented to TAC	Public Comment Topic
10/11/2018	Janice Mayfield	Phone Call	Lake to Lake Rd project is not needed. The roadway will disrupt the landscape, wildlife, and the neighborhoods who live in this area. Another north to south roadway is needed but should be in a place that is undeveloped.	11/3/2018	Roadway
11/5/2019	April Sampson	Email	Avnue H proposes a safety risk for people who walk down this road. The City of Nolanville is in need of sidewalks on Ave H because it is a busy collector street used by the public to walk to school, stores, city park and the community center. This is definitely a safety issue for our city and must be addressed to help prevent vehicle/pedestrian accidents	12/7/2018	Bike/Ped
11/6/2018	Joan Hinshaw	Email		12/7/2018	Bike/Ped



# KTMPO Contacts, Acronyms, and Terms



## POLICY BOARD

### **Chairman:**

#### **Mayor Tim Davis**

City of Temple  
2 North Main #103, Temple TX 76501  
Phone: (254) 298-5301  
Fax: (254) 298-5637  
[tdavis@templetx.gov](mailto:tdavis@templetx.gov)  
Alternate: Brynn Myers, Lynn Barrett, Brian Chandler, Jason Deckman, Erin Smith

### **Vice Chairman:**

#### **Mayor Jose Segarra**

City of Killeen  
101 N. College Street  
Killeen, Texas 76541  
[mayor@killeentexas.gov](mailto:mayor@killeentexas.gov)  
Phone: (254) 290-0548  
Alternate: Ron Olson,  
Councilmember Jim Kilpatrick,

#### **Councilmember Butch Menking**

City of Killeen  
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Alternate: David Olson

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Alternate: Ron Olson, Dennis Baldwin, Councilmember Shirley Fleming,

#### **Councilmember Susan Long**

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#### **Commissioner Mark Rainwater**

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### **Judge David Blackburn**

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Alternate: Jason Scantling

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Alternate: Kristina Manning

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## APPENDIX A



### TECHNICAL ADVISORY COMMITTEE

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## Commonly Used Transportation Related Acronyms and Terms

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

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



# 2045 MTP Project Listing



# 2045 Metropolitan Transportation Plan Project Listing

Short Range Funded (2014-2023) Projects with Allocated Funding as of December 2018 and Listed in the Transportation Improvement Program (TIP)

## MPO PROPOSITION 1/CATEGORY 2 PROJECTS (METROPOLITAN CORRIDORS)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding Amounts
W40-01	2304-02-036-2304-02-040	FM 2410	From Reynolds Dr to Commercial Drive	Widen from 2 to 4 lane roadway with sidewalks, median and turn lanes incorporating context sensitive design	N/A	N/A	N/A	\$8,800,000	2017	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 Knights Way	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	N/A	1	N/A	\$9,000,000	2018	Yes	N/A	
W40-06	0231-03-145	US 190	FM 3423 (Indian Trail) to FM 2410 in W Belton	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	87.45	1	1	\$39,000,000	2019	Yes	H	
C30-03b	0231-02-062	Business US 190 Phase I	FM 1133 (Avenue D) to Constitution Dr.	Construction of a raised median, bike lane and sidewalk on south side of project, and convert the north outside lane to a shared vehicle and bicycle lane to retain three travel lanes in each direction	81.00	4	4	\$10,000,000	2020	Yes	EJ	FY18-20 Category 2: \$84,000,000
W40-05	0231-04-060	US 190	FM 2410 in W Belton to IH 35	Widen main lanes from 4 to 6 lanes and resurface	83.79	3	3	\$35,000,000	2020	Yes	EJ	
W40-04a (1)	2502-01-021	Loop 121 Phase 1a	Take Rd (FM 429) to US 190	Widen from 2 to 4 lane divided roadway with raised median	56.45	14	5	\$28,000,000	2021	Yes	EJ, H, P	
W35-07	0320-06-902	NW Loop 363	Lucius McCleary to Industrial Blvd	Construct interchange and expand 2 to 4 lanes with frontage roads	72.00	3	1	\$45,000,000	2021	Yes	H	
W35-01	0231-19-003	US 190 Bypass	E of Copparras Cove to 0.5 mi W of Lampasas County Line	Widen from two lanes to four lanes divided and construct interchange	68.27	9	2	\$48,150,000	2021	Yes	L, H	FY21-22 Category 2: \$127,350,000
W45-01	0231-03-152	IH 14 Advanced Traffic Management System	Coryell County Line to FM 3423 (Indian Trail)	Construction of fiber optics, traffic cameras and Dynamic Message Boards	73.33	2	11	\$6,200,000	2022	Yes	EJ, L, H	

## COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W40-03	0231-03-146	US 190 Turnaround	At Clear Creek Rd	Roadway reconfiguration to improve turning movements (Turnaround)	42.11	42	6	\$4,000,000	2018	No	EJ	FY18-20 Category 2 Funds (\$2,100,000) and Category 7 Funds (\$1,900,000): \$4,000,000

## CATEGORY 4 PROJECTS (STATEWIDE CONNECTIVITY)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W35-12	0185-01-030	US 190 (Rogers Relief Route)	2.0 MI S of FM 426 in Heidenheimer to Midam County Line	Widen from 2 to 4 lane divided rural highway	45.56	36	38	\$62,800,000	2019	Yes	H	FY19 Category 4 Funds: \$62,800,000

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

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
H40-02	0909-36-153	Traffic Circle at Commercial Dr	Intersection of Commercial Dr and Heights Dr	Construct traffic circle at intersection of Commercial Dr and Heights Dr	40	6	5	\$489,249	2018	No	EJ	
K30-02	0909-36-156	Rosewood Dr Extension	Riverstone Dr to Chaparral Dr	Construction of a 4 lane roadway with center median with an off-system bridge	38	4	6	\$7,965,049	2018	No	EJ, ARZ	FY15-17 Category 7 Funds: \$15,530,684
N40-01	2057-01-009	Main St Connectivity	Ave to US 190 Frontage Rd	Construct ADA bicycle/pedestrian pathways along Main St and under US 190	31	3	3	\$596,386	2018	No	N/A	
T35-24	0909-36-155	Pratt View Road Enhancements	W of SH 317 to N Pea Ridge	Construction of a 4 lane roadway, aligning FM 2483 to Prairie View Rd with a signalized intersection	39	5	4	\$6,480,000	2017	Yes	N/A	







# Proposed Roadway, Transportation Choices/Livability, Transit, and Preventative Maintenance Projects

## ROADWAY PROJECTS

KTMPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding <sup>4</sup>
W30-17	1835-01-026	FM 931 Phase 1 and 2	SH 317 to Wheat Rd	Widen from 2 to 4 lane roadway with a bike lane and 6 foot sidewalks	64.81	16	3	\$8,794,843	2023	Yes	EJ, H, P	Short Range Funding: \$44,500,000
T40-07b	0909-36-174	Temple Outer Loop West Phase II	454 ft South of Dove Meadow to IH-35 S	Widen from 2 to 4 lanes with divided roadway and curb and gutter; includes hike & bike trail and bike dedicated lanes to incorporate multimodal transportation	64.67	17	4	\$9,701,802	2027	No	P, H	
K30-13	0909-36-175 0909-36-172	Chaparral Rd	SH 195 to FM 3481 (Stillhouse Hollow Lake Rd)	Reconstruct and widen roadway from 2 to 4 lane divided roadway with bicycle and pedestrian facilities.	59.99	27	5	\$21,000,000	2023	No	EI, H	
D40-01	N/A	North Waco Rd (Old 81)	West Main St to West Big Elm	Widen from 2 to 4 lanes, with curb and gutter, bridge improvements	52.64	44	6	\$4,600,000	TBD	No	—	
H30-05	0909-36-171	Warriors Path Upgrade	FM 2410 (Knights Way) to Old Nolaville Rd	Create a two lane road section with a left turn lane at future school, curb and gutter, 6 ft sidewalk on west side and a 10ft wide hike/bike path on east side	48.17	50	7	\$8,908,950	2025	No	H	Long Range Funding: \$364,100,000
N40-03	N/A	Old Nolaville Road Bridge Expansion and Bike/Pedestrian Project	Bridge on Old Nolaville Rd to US 190/H 14	Reconstruct bridge on Old Nolaville Road and add multi-use trail system to connect to existing trail system.	49.84	46	8	\$1,402,700	TBD	No	—	
S40-03	N/A	Salado West Village Road Capacity and Enhancement Project	Thomas Arnold Rd to IH 35	Widening roadway, add turn lanes and bike/ped facilities	36.45	66	9	\$300,500	TBD	No	—	
T15-06k	N/A	IH 35	US 190/H 14 to Loop 363	Reconstruct and widen to 8 lanes	78.27	1	10	\$129,700,000	TBD	Yes	EJ, H	
C35-02ab <sup>5</sup>	N/A	FM 116 Railroad Underpass	S Main (through existing parking facility) to Ave B	Create an underpass at the existing BNSF railroad with sidewalks	71.73	4	12	\$13,470,000	2023	Yes	EJ	
W35-02	N/A	SH 36	SH 317 to Lake Bottom Bridge	Widen from 2 to 4 lane divided roadway	71.63	5	13	\$36,715,000	TBD	No	P	
W35-04	N/A	FM 439	Roy Reynolds Drive to FM 3219	Widen from 4 to 6 lanes	70.27	6	14	\$11,159,000	TBD	No	EJ	
H45-03	N/A	FM 3481 (Stillhouse Lake Road) Phase 1	Prospector Trail to Proposed Chaparral Road Intersection	Widen roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks	69.33	7	15	\$6,566,500	2024	No	H, ARZ, P	
W30-23	N/A	US 190/loop 363	Spur 290 to SH 95	Upgrade to 4 lane freeway with continuous frontage roads and grade separation at MLX Blvd	68.36	8	16	\$16,784,000	TBD	Yes	EJ	
C30-03a	N/A	Business US 190 - Phase II	FM 1113 (Ave D) to FM 116 South	Convert the center turn lane to a controlled left turn lane with raised median, maintain the two existing travel lanes, add curb and gutter on north and south sides of the roadway, 6 sidewalk on the south side right-of-way, pedestrian crossings with curb ramps at street intersections, bicycle lanes on the outside travel lanes.	68.16	10	17	\$7,400,000	2022	Yes	EJ	
W35-08	N/A	FM 93	FM 1741 to SH 95	Widen from 2 to 4 lanes, provide for a raised median and construct grade separation at UP RR	66.44	11	18	\$12,598,000	TBD	Yes	H	
H45-01	N/A	E. FM 2410 (E. Knights Way) Phase 1	Cedar Knob Rd to Warriors Path	Widen from 2 to 4 lanes with a continuous turn lane with curb and gutter and sidewalks	66.35	12	19	\$5,561,600	TBD	—	—	
W30-13	N/A	FM 2484	FM 1670 to IH 35	Widen from 2 to 4 lane divided roadway	65.99	13	20	\$3,147,000	TBD	No	P	
W30-21	N/A	Loop 363 at FM 2305 (Adams Ave) Reconfiguration	Intersection of Loop 363 and FM 2305 (Adams Ave)	Reconstruct interchange at FM 2305 (Adams Ave) and LP 363	65.45	14	21	\$18,000,000	TBD	Yes	EJ	
K40-24	N/A	Featherline Drive	Stagecoach Rd to Chaparral Rd	Widen from two to four lanes with a center turn lane and roundabouts at Featherline Rd and Stagecoach Rd and Stagecoach Rd at W.A. Young Drive	65.00	15	22	\$9,000,000	2025	No	EJ	
H15-01	N/A	FM 3423 (Indian Trail)	Business 190 (VMB) to US 190/H 14	Construct an urban cross-section roadway with sidewalks, median and pedestrian enhancements within the appropriate context sensitive cross section	64.55	18	23	\$3,391,800	TBD	No	—	
T35-36a	N/A	S. 1st Street/Spur 290 Improvements	SE Loop 363 to Ave M	Widen from 4 lane undivided to 4 lane divided roadway with curb and gutter, hike and bike trails and will incorporate multimodal design	64.45	19	24	\$8,500,000	TBD	Yes	EJ	
K40-11	N/A	WS Young Drive	Mail Dr to AJ Hall Blvd	Add turn lane and relocate traffic signal at Mail Dr to AJ Hall Blvd	64.09	20	25	\$4,880,549	TBD	Yes	EJ	
N40-06	N/A	Nolanville Railroad Crossing Safety	Pleasant Hill Cemetery Rd to Jack Rabbit Road (4 RR Crossings)	Upgrade crossings for better connections and safety	63.18	21	26	\$500,000	TBD	No	—	
D40-03	N/A	Old TX 81 - Phase I	FM 1237 to Loves Overpass	Widen from 2 to 4 lanes with bicycle lanes and curb and gutter	61.55	22	27	\$3,500,000	TBD	No	H	
H45-04	N/A	FM 3481 (Stillhouse Lake Road) Phase 2	Proposed Chaparral Road Intersection to South City Limits	Widen roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks	60.84	24	28	\$6,306,620	TBD	No	H, ARZ, P	
K40-16	N/A	East Trimmer Rd Improvements	Stagecoach Rd to Chaparral Rd	Widen roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks and bike lanes	60.84	23	29	\$7,000,000	TBD	No	EJ	
H30-01	N/A	Business US 190 (Veterans Memorial Blvd)	N Roy Reynolds to US 190/H 14	Reduce roadway profile, install curb & gutter, access management/driveway control, drainage improvements, sidewalks, medians and other context sensitive solutions	60.19	26	30	\$5,000,000	TBD	No	EI, L, H	
B40-10	N/A	FM 1070	US 190 to Three Creeks Boulevard	Widen from 2 to 4 lane roadway with a 10' hike and bike trail	59.45	28	31	\$5,641,360	TBD	No	EI, H	
W35-02	N/A	SH 195 at FM 3470 (SS Loop) Reconstruction	Intersection of SH 195 at FM 3470 (SS Loop)	Upgrade Interchange	59.17	29	32	\$52,450,000	TBD	Yes	EJ	





H40-03 <sup>6</sup>	N/A	Chaparral Road	FM 3481 to Killen City Limits on Chaparral Rd	Widen and straighten roadway and construct hike/bike trail	N/A	N/A	N/A	N/A	N/A	N/A	No	H
C25-02	N/A	FM 1113	Signal Light at FM 116/Ave B to Summers Rd	Widens from 2 to 4 lanes with ADA-Compliant sidewalks	N/A	N/A	N/A	N/A	N/A	N/A	No	H
C25-04	N/A	North Side Loop	FM 1113 to FM 116	Widen from 2 to 4 lanes with raised median curb and gutter with enclosed storm drainage	N/A	N/A	N/A	N/A	N/A	N/A	No	—
C40-01	N/A	FM 116 South	Copperas Cove City limits to SH 201	Upgrade Ivy Gap Rd and Ivy Mountain Rd to FM status, widen roadway from 2 to 3 lanes with curb and gutter	N/A	N/A	N/A	N/A	N/A	N/A	No	EJ, L, H, ARZ
H40-04	N/A	E FM 2410	East side from FM 2410 Community Park to Simmons Rd	Expand roadway to include curb & gutter, access management control, turning lanes, drainage improvements, and context sensitive solutions	N/A	N/A	N/A	N/A	N/A	N/A	No	EJ, L, H
N40-08	N/A	Warrior's Path Extension Phase II	US 190 to FM 439	Construct 2 lane roadway	N/A	N/A	N/A	N/A	N/A	N/A	No	—
N40-10	N/A	FM 439 Safety Improvements	FM 439 at Lonesome Oak Dr	Add turning lane, shoulder expansion and possible traffic signals/signs	N/A	N/A	N/A	N/A	N/A	N/A	No	—
W30-06	N/A	SH 201 @ Killen Airport	Killen Airport Entrance	Construct interchange	N/A	N/A	N/A	N/A	N/A	N/A	Yes	EJ, H
W40-04a2	N/A	Loop 121 Phase 1b	US 190 to IH 35	Widen from 2 to 4 lane divided roadway with raised median	N/A	N/A	N/A	N/A	N/A	N/A	Yes	EJ, H, P
W40-04b	N/A	Loop 121 Phase 2	IH 35 to FM 436	Widen from 2 to 4 lane divided roadway with bike/ped improvements	N/A	N/A	N/A	N/A	N/A	N/A	No	EJ, H, P

Unscored/Unfunded List



TRANSPORTATION CHOICES/LIVABILITY PROJECTS<sup>8</sup>

KTMO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding <sup>4</sup>
T60-13	0909-36-173	Temple's Georgetown Rails to Trails	S. 5th St to FM 93	Construct 10 ft wide hike/bike trail	84.73	3	2	\$2,000,000	2026	No	EI, H, P	Short Range Funding: \$5,000,000
D60-02	N/A	North Waco Rd. (Old 81) - Sidewalk	West Main St to West Big Elm	Construct 10' wide pedestrian/bicycle facility	69.02	11	5	\$1,700,000	2027	No	—	
K45-01	N/A	Heritage Oaks Hike & Bike Trail Segment 2	Stittstone to Fawn Dr	Construct shared use path for pedestrian and bicyclists	58.57	26	6	\$1,200,000	2020	No	EI	
S40-02	N/A	Salado Creek Off Road Trail: Pace Park	Pace Park along Pace Park Rd	Construct 10 ft wide trail	57.44	27	7	\$199,965	TBD	No	ARZ, ES, P	
B45-01	N/A	Belton's Georgetown Rails to Trails	E Ave. B to Leon River Bridge	Construct 10 ft. wide shared use path to connect KTMO projects B40-05 and T40-13	86.01	2	8	\$2,040,000	TBD	No	EI, H	Long Range Funding: \$41,600,000
T45-02	N/A	Downtown Sidewalks - 1st and 3rd Street	Mayborn Civic Center to Avenue F	Construct and repair sidewalks with ADA-compliance ramps, crosswalks and landscaping	75.42	4	9	\$2,720,000	TBD	Yes	EI, P, H	
B45-02	N/A	6th Avenue Sidewalk & Shared Use Path	Main St (SH 317) to I-35	Construct 6 ft. wide sidewalk on north side of 6th Ave., 10 ft. wide SUP on the south side and relocate utilities underground.	73.44	5	10	\$6,000,000	TBD	Yes	EI, L	
B45-05	N/A	Commerce/Industrial Shared Use Path	Sparta Rd to Main St (SH 317)	Construct 10 ft. wide shared use path on east side of Commerce St and north side of Industrial Park Rd. Provide curb and gutter along Commerce St	72.15	8	11	\$1,233,333	TBD	No	H	
B40-12	N/A	Belton Hike and Bike Trail Extension Southwest	Confederate Park to Nolan Creek Pedestrian Bridge	Construct 10 ft. wide hike/bike trail	71.08	9	12	\$3,252,480	TBD	No	EI, H, P	
T45-03	N/A	East Central Sidewalks	MLK Drive to N. 22nd St.	Construct 6 ft wide sidewalks, repair existing sidewalks with crosswalks and landscaping.	69.29	10	13	\$600,000	TBD	No	EI, P	
B45-04	N/A	Beal Street Sidewalk	E 24th Ave to E. 6th St.	Construct 5' sidewalk on east side from E. 24th Ave to Downing St, construct 5' sidewalk on both sides from E. 13th Ave to Railroad Track, and construct 5' sidewalk on west side from railroad track to E. 6th Ave with bicycle signage along entire project	69	12	14	\$282,500	TBD	No	EI, P	
T45-08	N/A	West Adams Sidewalks	Old Drive to W 35	Construct 6 ft wide sidewalk	68.71	13	15	\$950,000	TBD	Yes	EI	
T45-06	N/A	South Pea Ridge Greenbelt Trail	West Adams Ave (FM 2305) to Poison Oak Rd	Construct 8 ft wide trail along linear park east of S. Pea Ridge Rd and through Von Rosenberg Park	66.57	14	16	\$1,680,000	2023	No	P	
T60-25	N/A	Blind Creek Interceptor Trail	N side of Lions Community Park to Midway Dr. (near Bonham Middle School)	Construct 8 ft wide trail	66.43	15	17	\$375,000	TBD	No	P	
B45-07	N/A	Avenue H Sidewalk/Road Improvements	Main St (SH 317) to Saunders St.	Construct 5' wide sidewalk on north side of Ave H with Bicycle Signage and reconstruct roadway and widen to 2 lanes from Connell St. to Saunders St.	66	16	18	\$429,167	TBD	No	EI	
T45-09	N/A	Apache Drive Sidewalks	West Adams Ave (FM 2305) to Gila Trail	Construct 6 ft. wide sidewalks and crosswalks	65.84	17	19	\$325,000	2023	No	EI	
T45-07	N/A	Temple Lake Park Connection	FM 2271 to Temple Lake Park	Construct 8 ft wide hike and bike trail	64.56	18	20	\$2,640,000	2023	No	P	
T25-05	N/A	FM 2271 Trail	FM 2305 to Miller Spring Park	Construct 8 ft wide trail	63.88	19	21	\$950,000	TBD	Yes	H, P	
T45-04	N/A	Friars Creek Trail	Friars Creek Trail Terminus to S. 1st St. Future Extension	Construct 10 ft wide hike/bike trail to extend and connect to existing trail sections.	63.85	20	22	\$500,000	2023	No	—	
N40-05	N/A	FM 439 Spur Connectivity	Main St to North Dr	Construct 10' wide sidewalk, ADA ramps and crosswalks, improve shoulders at Main St	63.71	21	23	\$967,500	TBD	No	—	
T45-01	N/A	Canyon Creek Trail	Canyon Creek Dr to Lions Park	Construct 8' hike & bike trail	62.58	22	24	\$720,000	2023	No	P	
S40-01	N/A	Salado Creek Shared Use Path - Royal Street Dr to 0.09 mi N of Royal St on Center Circle	Main St at College Hill Dr to 0.09 mi N of Royal St on Center Circle	Construct alternate transportation route consisting of shared use path for pedestrians and bicyclists	62.42	23	25	\$368,959	TBD	No	ARZ, H, ES	Unscored/Unfunded List
T45-05	N/A	Hickory Road Sidewalk	Midway Dr to Aspen Trail	Construct 6' sidewalk with crosswalks	61.43	24	26	\$500,000	TBD	No	P	
B45-06	N/A	Central Avenue Sidewalk & Traffic Signals	Main St (SH 317) to Pearl St	Upgrade to a 5 ft. wide sidewalk on north side of Central Ave and install pedestrian crossing infrastructure at intersection of Main St (SH 317) to Pearl St.	59.29	25	27	\$403,125	TBD	No	—	
N40-09	N/A	Pleasant Hill Rd	Loneosme Oak Drive to Ave 1	Construct Class 2, buffered on-street bike lane	N/A	N/A	N/A	\$500,000	N/A	No	H	
N40-11	N/A	Nolan Creek Off System Trail	Bridge on Old Nolanville Rd to Levy Crossing	Construct 10 ft. multi-use trail boarding Nolan Creek	N/A	N/A	N/A	N/A	N/A	No	H	
N40-12	N/A	Jack Rabbit Road Bike Thoroughfare	US 190 to FM 439 and through Park to School	Add Class 2 Bike Lanes on system	N/A	N/A	N/A	N/A	N/A	No	—	
N40-13	N/A	Wild Wood Trail	Loneosme Oak Drive to Ave 1	Construct an 8 ft. wide multi use trail	N/A	N/A	N/A	\$400,000	N/A	No	—	
S40-04b <sup>1</sup>	N/A	Main St Sidewalks Phase 2	College Hill Dr to Salado Plaza Dr	Main St Improvements to include pavement widening, bike paths, drainage improvements.	N/A	N/A	N/A	\$2,223,044	N/A	No	H, ARZ, ES	
K40-21b	N/A	Heritage Oaks Hike & Bike Trail Segment 3	Chaparral Rd	Construct shared use path for pedestrian and bicyclists	N/A	N/A	N/A	\$1,300,000	N/A	No	EI, ARZ	



## TRANSIT PROJECTS

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding <sup>4</sup>
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

## GROUPED PROJECTS

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

### Notes:

<sup>1</sup>Project score, project ranking and prioritized list is based on the scoring criteria at the time those projects submitted to KTMPO.

<sup>2</sup>Environmental considerations is based on the environmental conditions when that project was selected for funding and/or when project was submitted to KTMPO. Use key below for identification purposes.

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

<sup>4</sup>Fiscal Constraints are determined by inputs into the TRENDS model as approved on March. Short range projects are funded first, then long range projects are funded.

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

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

<sup>7</sup>KTMPO received a total of 69 roadway projects with an estimated total cost of \$1,008,785,911. Roadway prioritized list was recommended by TAC on November 28, 2018. During this process, five bonus points were added to projects that lie on a freight corridor as noted in the Regional Multimodal Plan as approved by TPB on October 24, 2018. After assigning bonus points, each submitting entities' top roadway project was moved to the top of the list. The order was based on the total number of points for those top roadway projects. All remaining projects were ranked based on total project score. Other changes to the ranked list included swapping projects H40-03 and H30-05 and moving project H40-03 to the unfunded list since X30-13 overlaps with this project. Each change was discussed and agreed to during the 11/28/2018 TAC meeting. Prioritize list is not the order of funding and allocation of funds is based on various factors such as but not limited to project ranking, project readiness, funding availability and project need. During discussion, it was decided that project T15-06k will retain its rank, however, this project will be skipped if this project is a candidate for funds.

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

### MTP Amendment Dates

January 21, 2015	November 16, 2016	December 21, 2017*
November 18, 2015	June 21, 2017	March 14, 2018
January 20, 2016	July 5, 2017*	October 24, 2018
April 20, 2016	August 28, 2017*	January 16, 2019
August 17, 2016	November 16, 2017*	17-Apr-19

\* Administrative Amendments

End of Packet