



Technical Advisory Committee Meeting

**May 1, 2019
9:30 a.m.**

Agenda



**Killeen-Temple Metropolitan Planning Organization
Technical Advisory Committee (TAC)
Wednesday, May 1, 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.(1)
3. Staff Update: Advisory Committees; Air Quality.
4. **Action Item:** Approve minutes from April 3, 2019 meeting.
5. **Discussion and Action Item:** Recommend approval of 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.
6. **Discussion and Action Item:** Recommend approval of 2045 MTP.
7. **Discussion Item:** Fort Worth – Laredo High Speed Transportation Study.
8. **Discussion Item:** Review of draft FY20-21 Unified Planning Work Program (UPWP).
9. **Discussion Item:** Public input received through April 30, 2019.
10. Member comments.
11. 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.

Item 4:
Meeting Minutes



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

Wednesday April 3, 2019
9:30 AM

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

Technical Advisory Committee Voting Members

Cheryl Maxwell—City of Belton	Brian Chandler—City of Temple
Bobby Lewis—City of Copperas Cove	Caesar Arizpe for Ron Olson—City of Killeen
Joseph Molis—City of Harker Heights	Bryan Neaves—Bell County
Darrell Burtner for Carol Warlick – HCTD	Victor Goebel—TxDOT Waco District

Additional Attendees

Solomon Thomas—TxDOT Waco District	Erika Karlik—TxDOT Waco District
Katelyn Kasberg—TxDOT Waco District	Christi Bonham – TxDOT Waco District
Jason Deckman – City of Temple	Liz Bullock – TxDOT Waco District
Brigida Gonzalez – TxDOT	Uryan Nelson—KTMPO
Sam Listi – City of Belton	Sydnee Steelman – KTMPO
David Olson – City of Temple	Kendra Coufal – KTMPO

Meeting Minutes:

- 1. Call to Order:** Uryan Nelson 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.

Sydnee Steelman stated that the next Bicycle/Pedestrian Advisory Committee meeting will be held on May 7, 2019 at 9:00 a.m. and the next Planner’s Roundtable meeting will be May 21, 2019 at 9:30 a.m. Air quality readings for the month of February were 4 ppb at the Killeen station and 46 ppb at the Temple station.

- 4. Action Item:** Approve minutes from March 6, 2019 meeting.

Joseph Molis made a motion to approve March 6, 2019 meeting minutes, seconded by Brian Chandler; the motion passed unanimously.

5. Action Item: Recommend approval of Resolution for May 2019 as National Bike Month.

Sydnee Steelman informed TAC that May is recognized as National Bike Month by the League of American Bicyclists to promote bicycling as a healthy, safe, and environmentally friendly form of transportation. This includes Bike to School Day on May 8th, National Bike to Work Week on May 13-19th, and Bike to Work Day on May 17th.

Brian Chandler made a motion to recommend the approval of a Resolution for May 2019 as National Bike Month, seconded by Darrell Burtner; the motion passed unanimously.

6. Discussion and Action Item: Recommend initiation of public involvement process regarding amendments to the 2040 MTP and FY19-22 TIP regarding TxDOT's project W45-01, I-14 Advanced Traffic Management System (ATMS).

Sydnee Steelman informed the group that TxDOT's project W45-01 was originally assigned 3 different CSJ numbers. The purpose of the amendment is to consolidate CSJ's into one, as well as revise the project limits. The public involvement process for this amendment includes a 15-day public comment period and a public forum.

Joseph Molis made a motion to recommend the initiation of the public involvement process for MTP and TIP amendments for project W45-01, seconded by Darrell Burtner; the motion passed unanimously.

7. Discussion and Action Item: Recommend approval of amendments to the 2040 Metropolitan Transportation Plan (MTP) and FY19-22 Transportation Improvement Plan (TIP) regarding Copperas Cove's project C40-05, FM 116/3046 Sidewalk and Bike Lane Project.

Kendra Coufal stated that after Policy Board approval, project C45-05 underwent a 15-day public comment period and two public forums. The project originally included ADA compliant sidewalks and bicycle lanes but will now be a shared use path. The amended project will include a shared-use path instead and will maintain a primary focus of safety and connectivity within the region.

Robert Lewis made a motion to recommend the approval for MTP and TIP amendments for project C45-05, seconded by Brian Chandler; the motion passed unanimously.

8. Discussion and Action Item: Recommend approval of amendments to the 2040 Metropolitan Transportation Plan (MTP) and FY19-22 Transportation Improvement Plan (TIP) regarding Temple's Outer Loop West Project Phase 1, T40-07a.

Kendra Coufal informed the TAC that after the approval of the TPPB at their March 20th meeting, the MTP and TIP amendment underwent a 15-day public comment period and public forum during which no comments were made. Joseph Molis requested that staff include a map showing the limit changes to be in future meeting packets.

Joseph Molis made a motion to support staff recommendation approval of amendments to the MTP and TIP for project T40-07a, seconded by Robert Lewis; the motion passed unanimously.

9. Discussion and Action Item: Recommend approval of amendments to the 2040 Metropolitan Transportation Plan (MTP) and FY19-22 Transportation Improvement Plan (TIP) regarding Temple's Outer Loop West Project Phase 2, T40-07b.

Kendra Coufal informed the TAC that after the approval of the TPPB at their March 20th meeting, the MTP and TIP amendment underwent a 15-day public comment period and public forum during which no comments were made.

When a motion for approval was originally, Bryan Neaves opposed the motion stating that there was not enough information provided, due to a lack of a map showing the changes, for a precise vote. Jason Deckman then presented the limit changes on Google Maps before the committee. After further clarification, a motion for approval was put before the committee a second time.

Cheryl Maxwell made a motion to support staff recommendation approval of amendments to the MTP and TIP for project T40-07b, seconded by Caesar Arizpe; the motion passed unanimously.

10. Discussion Item: Public input received through March 31, 2019.

Public input received through March 31, 2019 were presented to the TAC.

11. Member Comments:

Liz Bullock announced that TxDOT will host another quarterly meeting soon. Joseph Molis told members that the Harker Heights roundabout will be under construction soon.

12. Adjourn: The meeting adjourned at 9:48 a.m.

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

Jim Reed, Interim KTMPO Director

Item 5:

**2040 MTP and FY19-22 TIP
Amendment, W45-01**

**Amendment to the 2040 MTP and FY19-22 TIP for
TxDOT I-14 Advanced Traffic Management System (ATMS) Project, W45-01**

MTP Background

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

TIP Background

The TIP is a 4-year transportation planning document that includes a detailed listing of projects reasonably expected to begin within a four-year period. The current TIP covers FY19 through FY22. Projects included in the TIP must be consistent with the Metropolitan Transportation Plan (MTP) and are chosen based on regional priority and available funding. An amendment to a TIP is not completed until the change has also been included in the STIP—Statewide Transportation Improvement Program.

Amendment to the 2040 MTP and FY19-22 TIP

The TxDOT Waco District nomenclature for W45-01 has been consolidated, as well as project limits revised. Project cost will remain the same.

CSJ 0231-07-901

- **Original Limits:** Coryell County Line to SH 195

CSJ 0231-03-901

- **Original Limits:** SH 195 to FM 2410

CSJ 3534-01-901

- **Original Limits:** I-14 to FM 2410

CSJ 0231-03-152 (**NEW**)

- **New Limits:** Coryell County Line to FM 3423 (Indian Trail)

At their April 17th meeting, the TPPB approved the initiation of the public involvement process for project W45-01. A 15-day public comment period and 1 public forum was held with no comments.

Tentative Schedule:

- April 3, 2019—TAC recommends initiation of PI process for MTP and TIP amendments.
- April 17, 2019—TPPB approves Initiation of PI process for MTP and TIP amendments.
- April 20-May 4, 2019—Public Comment Period.
- April 25, 2019— Public forum; Noon at CTCOG offices.
- **May 1, 2019—TAC recommends approval of MTP and TIP amendments.**
- May 15, 2019—TPPB approves MTP and TIP amendments.

Action Needed: Recommend approval of MTP and TIP amendments for project W45-01, TxDOT I-14 Advanced Traffic Management System (ATMS) Project, pending any public comments received.

HIGHWAY PROJECT LISTING

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2019 - 2022 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2022

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	SPONSOR	YOE COST
Waco	Bell	0231-03-901	IH 14	2022	C		TXDOT	\$2,678,945
LIMITS FROM: SH 195							REVISION DATE: Feb-19	
LIMITS TO: FM 2410							MPO ID: W45-01	
DESCRIPTION: Construction of fiber optics, traffic cameras, and dynamic message boards							FUNDING CATEGORY: 2M	
REMARKS:							PROJECT HISTORY: MPO Selected Project in December 2018 During the Reprioritization of the MTP	
TOTAL PROJECT COST INFORMATION: PRELIMINARY ENGINEERING: \$204,170 RIGHT OF WAY: \$0 CONSTRUCTION: \$4,166,740 CONSTRUCTION ENGINEERING: \$167,086 CONTINGENCIES: \$59,167 INDIRECTS: \$0 BOND FINANCING: \$0 TOTAL PROJECT COST (YOE): \$4,597,163		COST OF APPROVED PHASES: \$2,678,945		AUTHORIZED FUNDING BY CATEGORY CATEGORY: FEDERAL: \$2,143,156 STATE: \$535,789 LOCAL: \$0 TOTAL: \$2,678,945 2M TOTAL \$2,143,156 \$535,789 \$0 \$0 \$2,678,945 TOTAL \$2,143,156 \$535,789 \$0 \$0 \$2,678,945				

HIGHWAY PROJECT LISTING

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2019 - 2022 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2022

							PROJECT	
DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	SPONSOR	YOE COST
Waco	Bell	3534-01-901	IH 14	2022	C		TxDOT	\$621,066
LIMITS FROM: I-14								
LIMITS TO: FM 2410								
DESCRIPTION: Construction of fiber optics, traffic cameras, and dynamic message boards							REVISION DATE: Feb-19	
							MPO ID: W45-01	
							FUNDING CATEGORY: 2M	
REMARKS:							PROJECT HISTORY: MPO Selected Project in December 2018 During the Reprioritization of the MTP	
TOTAL PROJECT COST INFORMATION: PRELIMINARY ENGINEERING: \$30,432 RIGHT OF WAY: \$0 CONSTRUCTION: \$621,066 CONSTRUCTION ENGINEERING: \$24,904 CONTINGENCIES: \$8,819 INDIRECTS: \$0 BOND FINANCING: \$0 TOTAL PROJECT COST (YOE): \$685,221							AUTHORIZED FUNDING BY CATEGORY CATEGORY: FEDERAL: \$496,853 STATE: \$124,213 LOCAL: \$0 TOTAL: \$621,066 2M TOTAL \$496,853 \$124,213 \$0 \$621,066	

HIGHWAY PROJECT LISTING

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2019 - 2022 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2022

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
Waco		0231-03-152	IH 14	2022	C		TxDOT	\$6,200,000

LIMITS FROM: Coryell County Line
LIMITS TO: FM 3423 (Indian Trail)

DESCRIPTION: Construction of fiber optics, traffic cameras, and dynamic message boards

REVISION DATE: Feb-19
MPO ID: W45-01
FUNDING CATEGORY: 2M

REMARKS:

PROJECT HISTORY:

MPO Selected Project in December 2018 During the Reprioritization of the MTP

TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:	
PRELIMINARY ENGINEERING:	\$204,170	FEDERAL:	\$4,960,000
RIGHT OF WAY:	\$0	STATE:	\$1,240,000
CONSTRUCTION:	\$4,166,740	LOCAL:	\$0
CONSTRUCTION ENGINEERING:	\$167,086	TOTAL:	\$6,200,000
CONTINGENCIES:	\$59,167		
INDIRECTS:	\$0		
BOND FINANCING:	\$0		
TOTAL PROJECT COST (YOE):	\$4,597,163		

AUTHORIZED FUNDING BY CATEGORY			
CATEGORY:	FEDERAL:	STATE:	LOCAL:
2M	\$4,960,000	\$1,240,000	\$0
TOTAL	\$4,960,000	\$1,240,000	\$0



2040 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)

KTAMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding Amounts
H15-02b	2104-02-005-2304 02-060	FM 2410	From Higgins Dr to US 190	Widen from 2 to 4 lane roadway with sidewalks, median and turn lanes incorporating context, consider design	N/A	N/A	N/A	\$8,800,000	2017	Yes	N/A	FY15-FY17 MPO Proposition 1: \$17,800,000
W40-02	02-31-03-143	US 190	LOMA W of FM 2410 to Koubits 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	02-31-03-145	US 190	FM 3423 (Indian Trail) to FM 2410 in W Becken	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	87.45	1	1	\$35,000,000	2019	Yes	H	
C-30-03b	02-31-02-062	Business US 190 Phase I	FM 1112 (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 remain three travel lanes in each direction	81.00	4	4	\$10,000,000	2020	Yes	EI	FY18-20 Category 2: \$64,000,000
W40-05	02-31-04-060	US 190	FM 2410 in W Becken to H 35	Widen main lanes from 4 to 6 lanes and resurface	83.79	3	3	\$35,000,000	2020	Yes	EI	
W40-044 (1)	2502-01-021	Loop 221 Phase 1a	Take Rd (FM 439) to US 190	Widen from 2 to 4 lane divided roadway with raised median	56.45	14	5	\$28,000,000	2021	Yes	EL, H, P	
W35-07	0320-06-902	HW Loop 363	North 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	02-31-19-003	US 190 Bypass	E of Coppelia 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	FY21-23 Category 2: \$127,150,000
W45-01	02-31-03-152 02-31-07-008 05-34-01-013	IF 18 Advanced Traffic Management System	Comal County line to FM 2410	Construction of fiber optics, traffic camera and Dynamic Message Boards	73.33	2	11	\$6,200,000	2022	Yes	EL, L, H	

COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS

KTAMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
W40-03	02-31-03-146	US 190 Turnaround	At Clear Creek Rd	Roadway reconfiguration to improve turning movements (turnaround)	42.11	42	6	\$4,000,000	2018	No	EI	FY16-20 Category 2 Funds: (\$2,100,000) and Category 7 Funds: (\$1,900,000): \$4,000,000

CATEGORY 4 PROJECTS (STATEWIDE CONNECTIVITY)

KTAMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
W45-12	0185-01-030	US 190 (Rogers Reiked Route)	2.0 MI S of FM 436 in Lampasas 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)

KTAMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
W40-02	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	\$483,249	2018	No	EI	
K-30-02	0909-36-156	Renewed Dr Extension	Blawstone 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	EI, ABZ	
W40-01	1052-01-009	Main St Connectivity	Aver 1 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	FY15-17 Category 7 Funds: \$15,530,634
W15-24	0909-36-155	Prairie View Road Enhancements	W of SH 317 to N Pooa Bridge	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	



2040 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)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding Amounts
W40-01	0231-03-143	FM 2410	Widen from 2 to 4 lane roadway with sidewalks, median and turn lanes incorporating context sensitive design	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	0231-03-145	US 190	Loop 221 Phase 1a	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	0231-04-061	US 190	Loop 221 Phase 1b	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	87.45	1	1	\$19,000,000	2019	Yes	H	
G-30-03b	0231-02-062	Business US 190 Phase 1	FM 1113 (Route D) to Construction 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	FY18-30 Category 2: \$64,000,000
W40-05	0231-04-060	US 190	Loop 221 Phase 1a	Widen main lanes from 4 to 6 lanes and resurface	83.79	3	3	\$55,000,000	2020	Yes	EJ	
W40-04a (1)	2502-01-021	Loop 221 Phase 1a	Loop 221 Phase 1a	Widen from 2 to 4 lane divided roadway with raised median	56.45	14	5	\$38,000,000	2021	Yes	EI, H, P	
WFS-07	0230-06-002	WW Loop 363	Intersect McCleary to Industrial Blvd	Construct interchange and expand 2, to 4 lanes with frontage roads	71.00	3	1	\$45,000,000	2021	Yes	H	
WFS-01	0231-19-003	US 190 Bypass	E of Copperas 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
WFS-01	0231-03-152	H 14 Advanced Traffic Management System	Geoff County Line to FM 1423 (Median Trail)	Construction of fiber optics, traffic camera and Dynamic Message Boards	73.33	2	11	\$6,200,000	2022	Yes	E, L, H	

COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
W40-03	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

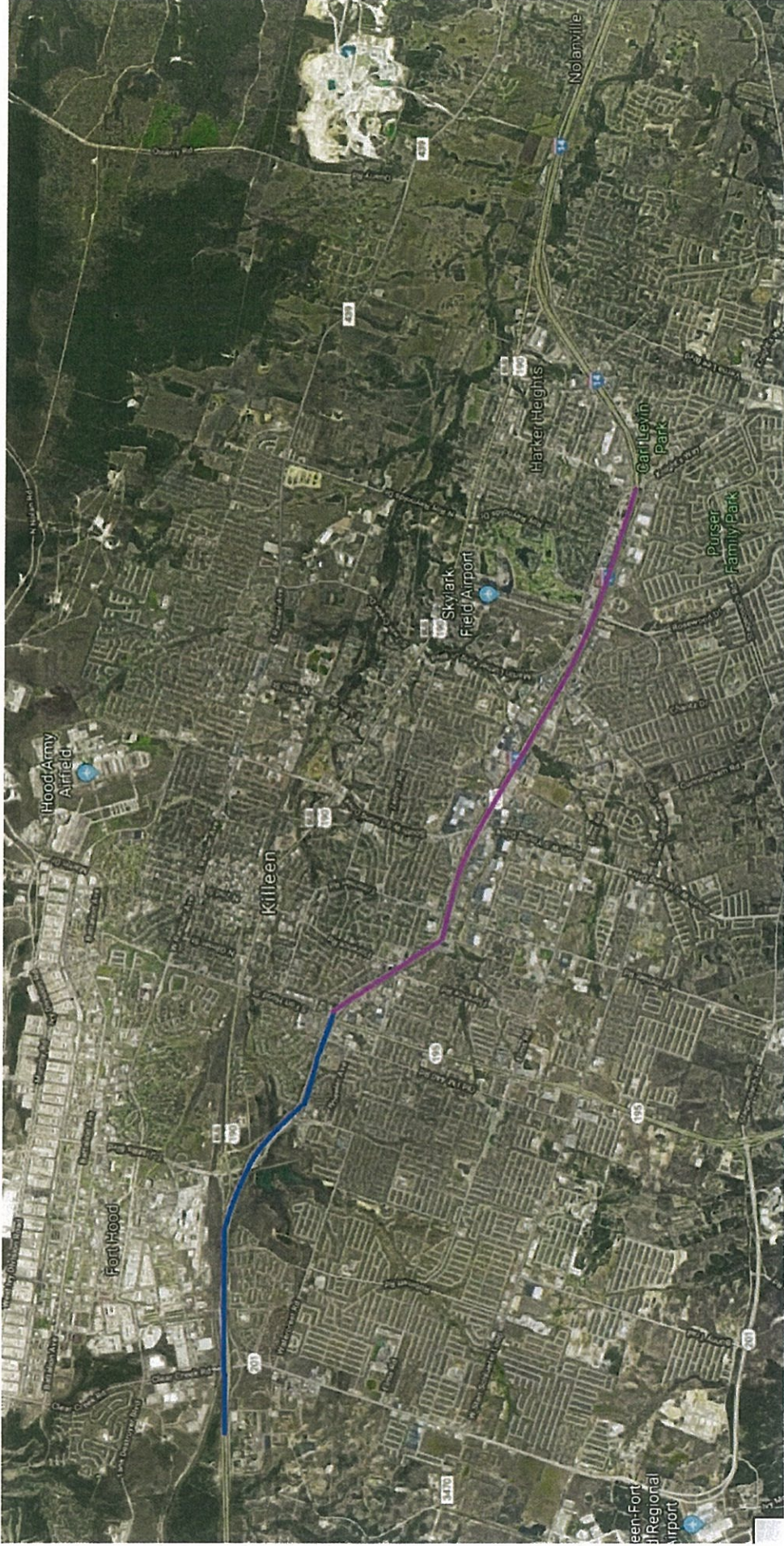
CATEGORY 4 PROJECTS (STATEWIDE CONNECTIVITY)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
WFS-12	0185-01-030	US 190 (Regen's Relief Route)	2.0 MI S of FM 4236 to Pendleton to Milan Ground Line	Widen from 2 to 4 lane divided rural highway	45.56	36	38	\$62,800,000	2019	Yes	H	FY18 Category 4 Funds: \$62,800,000

CATEGORY 7 PROJECTS (SURFACE TRANSPORTATION PROGRAM-METROPOLITAN MOBILITY)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
W40-02	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	\$483,249	2018	No	EJ	
R30-02	0909-36-156	Roweview Dr Extension	Roweview 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	EI, ARZ	
W40-01	2057-01-009	Main St Connectivity	Alex 1st 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	FY15-17 Category 7 Funds: \$155,580,684
T35-24	0909-36-155	Prairie View Road Enhancements	W of SW 317 to N Pca Bridge	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	

TxDOT Advanced Traffic Management System



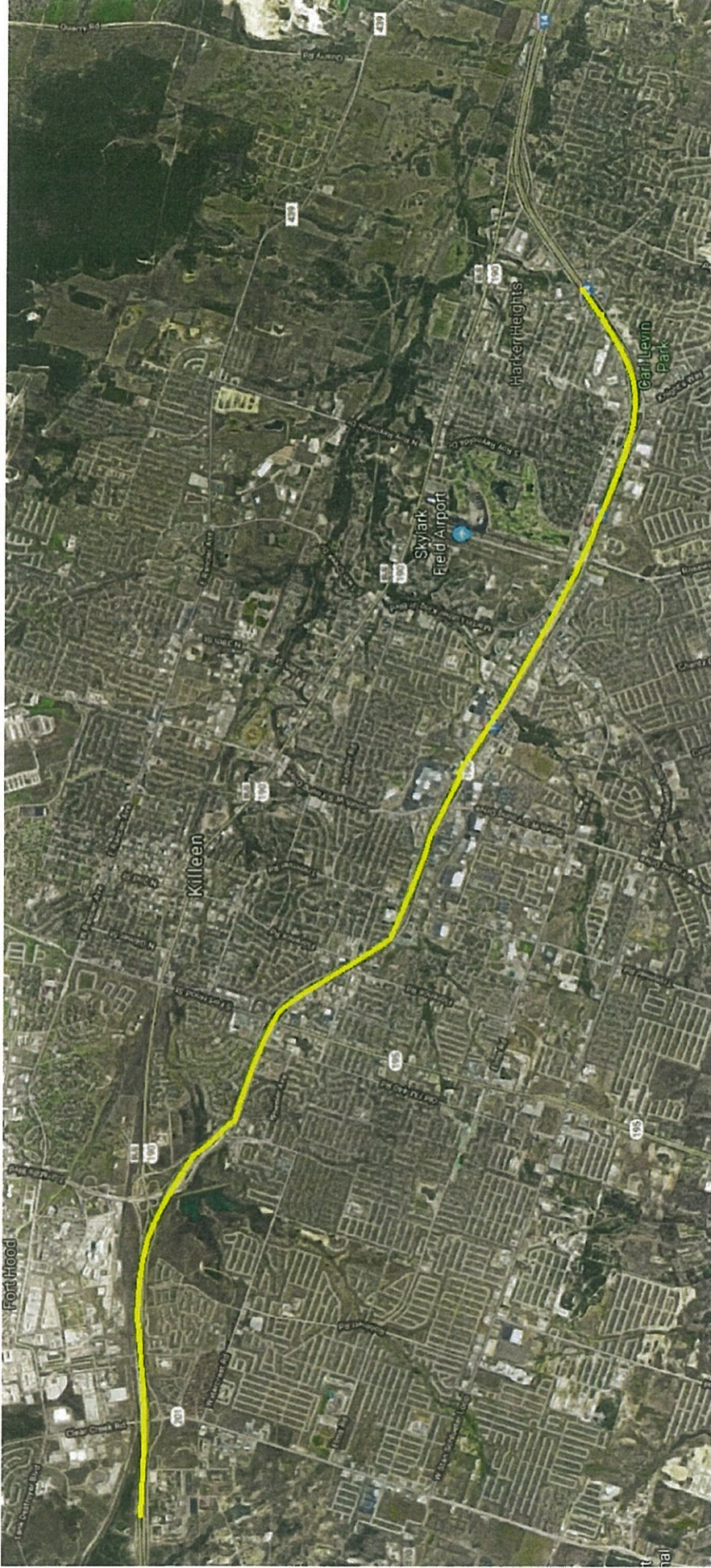
Original Project Limits

- Coryell County Line to SH 195 (CSJ 0231-07-901)
- SH 195 to FM 2410 (CSJ 0231-03-901)
- I-14 to FM 2410 (CSJ 3534-01-901) (Not mapped due to error)

Project W45-01



TxDOT Advanced Traffic Management System



**Project
W45-01**

New Project Limits
Coryell County Line to FM 3423 (Indian Trail)
New CSJ: 0231-03-152



Item 6:
2045 MTP

2045 MTP Public Involvement

The 2045 Metropolitan Transportation Plan is the updated 25-year long range planning document for KTMP. The MTP includes a short and long-range prioritized project listing incorporating projects expected to be funded within the document's 25-year planning horizon. The project listing is fiscally constrained based on projected funding the MPO expects to receive in the 25-year planning period.

An electronic version of the 2045 MTP can be found on the KTMP website by visiting www.ktmipo.org.

After approval of the TPPB at their March 20th meeting, the 2045 MTP underwent a 30-day public comment period, with no comments received. Two public forums were held in Harker Heights and Belton.

Tentative Schedule:

- March 6, 2019—TAC recommends initiation of PI process for 2045 MTP.
- March 20, 2019—TPPB approves Initiation of PI process for 2045 MTP.
- March 23-April 21, 2019—Public Comment Period.
- March 26, 2019 – Public forums; Harker Heights at noon and CTCOG at 5:00pm.
- **May 1, 2019—TAC recommends approval of 2045 MTP.**
- May 15, 2019—TPPB approves 2045 MTP.

Action Needed: Recommend the approval of the 2045 MTP.

Item 7:

**Ft. Worth-Laredo High Speed
Transportation Study**

Fort Worth-Laredo High Speed Rail Transportation Study

KTMPO will provide a brief update on the Ft. Worth-Laredo High Speed Transportation Study and details regarding stakeholder engagement for community visions, technology options, alignments, and station opportunities.

Informational meeting will be held on Wednesday, May 15th at 10:00am following the Policy Board meeting.

Action Needed: For discussion only.

Item 8:

Draft FY20-21 UPWP

Review of Draft FY20-21 Unified Planning Work Program (UPWP)

The Unified Planning Work Program (UPWP) provides descriptive and scheduling details for the Killeen-Temple Metropolitan Planning Organization (KTMPO) 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 is in the process of updating this plan for FY20-21; the draft UPWP is attached. Staff requests feedback on the UPWP by Friday, May 17th in order to submit by TxDOT by the required June 1st deadline.

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 KTMPO staff.
- June 1, 2019- KTMPO 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-KTMPO submits final UPWP to TxDOT.

Action Needed: For discussion only.



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

TABLE OF CONTENTS

CONTENT	PAGE
Introduction	
Purpose of the Unified Planning Work Program	3
Definition of the KTMPO Planning Area Organization	5
Private Sector Involvement	5
Planning Issues and Emphasis	5
Work Elements	
1.0 Administration/Management	7
2.0 Data Development and Maintenance	11
3.0 Short Range Planning	14
4.0 Metropolitan Transportation Plan	17
5.0 Special Studies	20
Budget Summary	23
Appendices	
A: Transportation Planning Policy Board and Technical Advisory Committee Membership	24
B: Metropolitan Area Boundary Map	27
C: Debarment Certification	28
D: Lobbying Certification	29
E: Certification of Compliance	30
F: Certification of Internal Ethics & Compliance Program	31

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 (KTMPPO) 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. 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) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY20	FY21	FY20	FY21	FY20	FY21	
1.1 ADMINISTRATION	KTMPO	\$322,559	\$322,559	\$0	\$0	\$0	\$0	\$645,118
1.2 TRAINING	KTMPO	\$3,500	\$3,500	\$0	\$0	\$0	\$0	\$7,000
1.3 TRAVEL	KTMPO	\$7,000	\$7,000	\$0	\$0	\$0	\$0	\$14,000
1.4 EQUIPMENT	KTMPO	\$8,000	\$8,000	\$0	\$0	\$0	\$0	\$16,000
1.5 OPERATING COST	KTMPO	\$70,968	\$70,968	\$0	\$0	\$0	\$0	\$141,936
Total		\$412,027	\$412,027	\$0	\$0	\$0	\$0	\$824,054

(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) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY20	FY21	FY20	FY21	FY20	FY21	
2.1 DATABASE MAINTENANCE	KTMO	\$17,707	\$17,707	\$0	\$0	\$0	\$0	\$35,414
2.2 GIS DEVELOPMENT	KTMO	\$17,707	\$17,707	\$0	\$0	\$0	\$0	\$35,414
Total		\$35,414	\$35,414	\$0	\$0	\$0	\$0	\$70,828

(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.

D. SUBTASKS:

3.1. 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 78th Legislature in 2003, amending Chapter 461, Subtitle K, Title 6 of the Texas Transportation Code entitled "*Statewide Coordination of Public Transportation*"; Executive Order 13330 (*Human Service Transportation Coordination*) signed on February 26, 2004, and SAFETEA-LU signed on August 10, 2005, both by former President George W. Bush; and adopt any subsequent changes as the legislature deems appropriate.

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

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) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY20	FY21	FY20	FY21	FY20	FY21	
3.1 TIP	KTMPPO	\$36,424	\$36,424	\$0	\$0	\$0	\$0	\$72,848
3.2 REGIONAL PLANNING	KTMPPO	\$7,285	\$7,285	\$0	\$0	\$0	\$0	\$14,570
3.3 HCTD TEMPLE UZA PLANNING	HCTD	\$0	\$0	\$9,843	\$9,942	\$18,280	\$18,463	\$56,528
3.4 HCTD KILLEEN UZA PLANNING	HCTD	\$0	\$0	\$25,229	\$25,481	\$25,229	\$25,481	\$101,420
Total		\$43,709	\$43,709	\$35,072	\$35,423	\$43,509	\$43,944	\$245,366

(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 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.
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.

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) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY20	FY21	FY20	FY21	FY20	FY21	
4.1 MTP 2045 IMPLEMENTATION	KTMPPO	\$119,530	\$119,530	\$0	\$0	\$0	\$0	\$239,060
4.2 CONGESTION MANAGEMENT PROCESS (INTERNAL)	KTMPPO	\$7,285	\$7,285	\$0	\$0	\$0	\$0	\$14,570
Total		\$126,815	\$126,815	\$0	\$0	\$0	\$0	\$253,630

(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 Miscellaneous Studies

KTMPO may use consultants as needed to assist in conducting planning studies to include corridor studies, bike/ped regional connections, rails to trails feasibility studies, transit funding options, etc. Funds have been reserved for these studies. The TAC and TPPB will be consulted in determining which studies to fund.

5.9 Miscellaneous Studies

KTMPO may use consultants as needed to assist in conducting planning studies to include corridor studies, bike/ped regional connections, rails to trails feasibility studies, transit funding options, etc. Funds have been reserved for these studies. The TAC and TPPB will be consulted in determining which studies to fund.

5.10 Miscellaneous Studies

KTMPO may use consultants as needed to assist in conducting planning studies to include corridor studies, bike/ped regional connections, rails to trails feasibility studies, transit funding options, etc. Funds have been reserved for these studies. The TAC and TPPB will be consulted in determining which studies to fund.

5.11 Miscellaneous Studies

KTMPO may use consultants as needed to assist in conducting planning studies to include corridor studies, bike/ped regional connections, rails to trails feasibility studies, transit funding options, etc. Funds have been reserved for these studies. The TAC and TPPB will be consulted in determining which studies to fund.

FUNDING SUMMARY

Task 5.0 - FY20/21

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY20	FY21	FY20	FY21	FY20	FY21	
5.1 TRAVEL DEMAND MODEL	KTMPO	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$100,000
5.2 CONGESTION MANAGEMENT PROCESS	KTMPO	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$200,000
5.3 PERFORMANCE MEASURES AND TARGETS	KTMPO	\$12,500	\$12,500	\$0	\$0	\$0	\$0	\$25,000
5.4 FAST ACT PERFORMANCE MEASURE STUDY	KTMPO	\$62,500	\$0	\$0	\$0	\$0	\$0	\$62,500
5.5 VULNERABILITY & RESILIENCY STUDY	KTMPO	\$62,500	\$0	\$0	\$0	\$0	\$0	\$62,500
5.6 EVALUATION OF 2045 MTP PROJECTS	KTMPO	\$62,500	\$0	\$0	\$0	\$0	\$0	\$62,500
5.7 FUTURE GROWTH SCENARIO PLAN	KTMPO	\$62,500	\$0	\$0	\$0	\$0	\$0	\$62,500
5.8 MISCELLANEOUS STUDY	KTMPO	\$62,500	\$62,500	\$0	\$0	\$0	\$0	\$125,000
5.9 MISCELLANEOUS STUDY	KTMPO	\$62,500	\$62,500	\$0	\$0	\$0	\$0	\$125,000
5.10 MISCELLANEOUS STUDY	KTMPO	\$62,500	\$62,500	\$0	\$0	\$0	\$0	\$125,000
5.11 MISCELLANEOUS STUDY	KTMPO	\$62,500	\$62,500	\$0	\$0	\$0	\$0	\$125,000
Total		\$662,500	\$412,500	\$0	\$0	\$0	\$0	\$1,075,000

(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) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY20	FY21	FY20	FY21	FY20	FY21	
1. Administration-Management	KTMPO	\$412,027	\$412,027	\$0	\$0	\$0	\$0	\$824,054
2. Data Development and Maintenance	KTMPO	\$35,414	\$35,414	\$0	\$0	\$0	\$0	\$70,828
3. Short Range Planning	KTMPO & HCTD	\$43,709	\$43,709	\$35,072	\$35,423	\$43,509	\$43,944	\$245,366
4. Metropolitan Transportation Plan	KTMPO	\$126,815	\$126,815	\$0	\$0	\$0	\$0	\$253,630
5. Special Studies	KTMPO	\$662,500	\$412,500	\$0	\$0	\$0	\$0	\$1,075,000
Total		\$1,280,465	\$1,030,465	\$35,072	\$35,423	\$43,509	\$43,944	\$2,468,878

(1) 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 (FHWA PL-112: \$1,109,325; FTA 5303: \$147,863) based on FY17 & FY18 allocations.	\$1,257,188
Estimated Unexpended Carryover	\$ 411,779
TOTAL TPF	\$1,668,967

APPENDIX A



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APPENDIX A



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APPENDIX A



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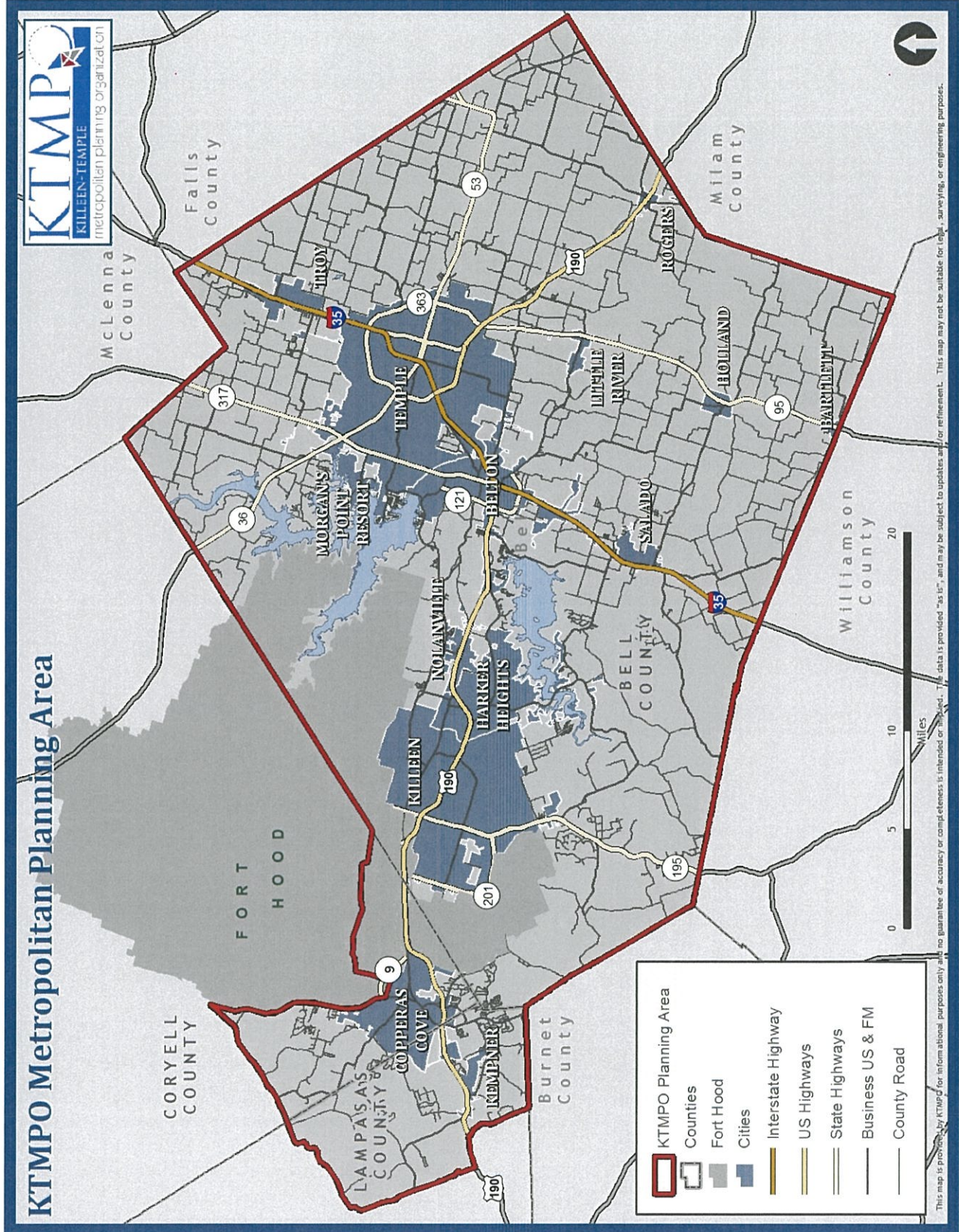
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APPENDIX B



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
KTMPPO 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
KTMPPO 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 9:
Public Input

Public Input Received through April 30, 2019

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



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Commonly Used Transportation Related Acronyms and Terms

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

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

End of Packet