



Transportation Planning Policy Board

**March 20, 2019
9:30 a.m.**

Agenda



**Killeen-Temple Metropolitan Planning Organization
Transportation Planning Policy Board (TPPB)
Wednesday, March 20, 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 February 20, 2019 meeting.
5. **Discussion and Action Item:** Initiate the public involvement process regarding amendments to the 2040 Metropolitan Transportation Plan (MTP) and FY19-22 Transportation Improvement Program (TIP) regarding Copperas Cove's project C40-05, FM 116/3046 Sidewalk and Bike Lane Project.
6. **Discussion and Action Item:** Initiate the public involvement process regarding amendments to the 2040 MTP and FY19-22 TIP regarding Temple's project T40-07a, Temple's Outer Loop West Project Phase 1.
7. **Discussion and Action Item:** Initiate the public involvement process regarding amendments to the 2040 MTP regarding Temple's project T40-07b, Temple's Outer Loop West Project Phase 2.
8. **Discussion and Action Item:** Initiate the public involvement process for the 2045 MTP.
9. **Discussion Item:** TxDOT Quarterly Review of Local Government Projects.
10. **Discussion Item:** Public input received through February 28, 2019.
11. Member comments.
12. 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 (KTMPPO)
TRANSPORTATION PLANNING POLICY BOARD MEETING (TPPB)**

Wednesday February 20, 2019

9:30 AM

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

Policy Board Voting Members Present

Vice Chair Mayor Jose Segarra—City of Temple	Roger Miller—Coryell County
Mayor Marion Grayson—City of Belton	Victor Goebel for Stan Swiatek—Texas Dept. of Transportation (TxDOT) Waco District
Mayor Spencer Smith—City of Harker Heights	Carole Warlick—Hill Country Transit District (HCTD)
Councilmember Susan Long—City of Temple	Elias Rmeili—TxDOT Brownwood District
Brian Chandler for Mayor Tim Davis—City of Temple	
Mayor Tammy Cockrum—Bell County	

Policy Board Non-Voting Members Present

Brian Dosa—Ft. Hood

Others Present

Christi Bonham—TxDOT Waco District	Jason Deckman—City of Temple
Liz Bullock—TxDOT Waco District	Ryan Haverlah—City of Copperas Cove
Danielle Singh—City of Killeen	Cheryl Maxwell—City of Belton
Solomon Thomas—TxDOT Bell County Area Engineer	Uryan Nelson—KTMPPO
Kerry Phillip—CTCOG Area Agency on Aging	Kendra Coufal—KTMPPO
George Losoya—CTCOG Housing Dept.	Sydnee Steelman—KTMPPO
	John Weber—KTMPPO

Meeting Minutes

- 1. Call to Order:** Vice Chair Mayor Jose Segarra called the meeting to order at 9:31 a.m.
- 2. Opportunity for Public Comment:** No comments were made from the public.
- 3. Staff Update:** KTMPPO staff provided the following updates.

John Weber stated that the next Bike/Pedestrian Advisory Committee meeting will be held on February 26 at 9:30 a.m. Ozone readings through the end of January were 46 parts per billion (ppb) at the Killeen station and 44 ppb at the Temple station.

4. Action Item: Approve minutes from January 16, 2019 meeting.

Mayor Spencer Smith made a motion to approve January 16, 2019 meeting minutes, seconded by Carole Warlick; the motion passed unanimously.

5. Action Item: Regarding approval of amendment to the FY18-19 Unified Planning Work Program regarding FY18 and FY19 Task 1 through Task 5.

Kendra Coufal stated that KTMPO budgeted \$995,322 for Tasks 1 through 5 in FY18, however, KTMPO's expenditures for FY18 were \$479,896. Ms. Coufal explained that an amendment is needed to reallocate the \$515,426 that were not utilized in FY18 to FY19 for Tasks 1 through Task 5. The proposed amendments are attached as Attachment A.

Councilmember Susan Long made a motion to approve the proposed FY18-19 amendment regarding FY18 and FY19 Task 1 through Task 5, seconded by Brian Chandler; the motion passed unanimously.

6. Action Item: Regarding approval of amendment to the FY18-FY19 UPWP regarding Task 5.7 through Task 5.10.

Kendra Coufal stated that an amendment is need to allocate funds for Task 5.7-FAST Act Performance Study, Task 5.8-Vulnerability & Resiliency Study, Task 5.9-Evaluation of 2045 MTP Projects, and Task 5.10-Future Growth Scenario Plan as recommended by TAC. Ms. Coufal explained the proposed amendments as shown in Attachment B.

Carole Warlick made a motion to approve the proposed FY18-19 UPWP regarding Task 5.7 through Task 5.10, seconded by Mayor Tammy Cockrum; the motion passed unanimously.

7. Action Item: Regarding Support of Texas National Highway System (NHS) Review recommendations.

John Weber stated that TxDOT TPP Corridor Planning Section is currently reviewing the Texas NHS system to evaluate the current system throughout the state. This process includes modifying the NHS based on criteria and the evaluation of the current NHS and its significant roadways, as well as feedback from MPO's throughout the state. Mr. Weber explained that scores were given to routes in the KTMPO region based on the number of criteria that scored "yes". Based on the total number of "yes", TxDOT outlined 12 roadways segments that were suggested as removal from NHS, downgrade functional classification, or further review. Mr. Weber explained that KTMPO staff conducted an in-house review and recommended removing FM 439 and Avenue H from the NHS system as proposed by TxDOT, add FM 2410, Trimmier Rd., FM 2305, and SH 317 to the NHS, keep S. W.S. Young, FM 1741, and SH 36 W on the NHS, and to keep the functional classification of SH 9 and FM 1741.

Mr. Weber explained that the NHS review of intermodal connectors is another component of this review. For the intermodal connectors review, TxDOT study team suggested to remove Skylark Field and Draughton-Miller Airport based on lack of data available that meet the criteria for that facility type. KTMPO staff agrees with the recommendation for the removal of these facilities, however, KTMPO staff proposes adding Killeen-Ft. Hood Regional Airport, the Temple Central Pointe Rail Park, and the Civilian-Military Joint Use Rail/Truck Multi-Modal Facility to the intermodal connectors. Mr. Weber explained that feedback from TAC as well as staff's supported recommendation of proposed changes will be forwarded to TxDOT.

The floor opened to discussion. Many TPPB members provided staff with questions and comments about the NHS review. Mayor Spencer Smith also discussed the importance of looking at FM 3481 and FM 2484. Regarding Draughton-Miller Airport, Brian Chandler and Councilmember Susan Long both discussed how lack of data for the Draughton-Miller Airport does not mean that there is no data to remove this data and that the City of Temple can provide data to KTMPO on Draughton-Miller Airport. Victor Goebel further discussed this review process and explained the relationship between the NHS and funding allocations. There were also further discussion on how to calculate data for future intermodal connectors. After discussion, Ms. Coufal stated that a motion is needed to support staff recommendations for the roadway NHS segments, keeping Skylark Field and Draughton-Miller Airport on the intermodal connectors and to provide TxDOT with available data for these two facilities, and to add staff recommendations on the new intermodal connectors.

Mayor Spencer Smith made a motion to support the Texas National Highway System review as stated above, seconded by Councilmember Susan Long; the motion passed unanimously.

8. Discussion Item: Public input received through January 31, 2019.

Public comments received through January 31, 2019 were presented to the TPPB.

9. Member Comments.

Uryan Nelson stated that the KTMPO is planning to hire a new planner.

10. Adjourn: The meeting adjourned at 10:01 a.m.

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

Mayor Tim Davis, Chair

Jim Reed, KTMPO Director

Attachment A

Task 1.0 - FY18/19

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY18	FY19	FY18	FY19	FY18	FY19	
1.1 ADMINISTRATION	KTMPO	\$350,222	\$366,573	\$0	\$0	\$0	\$0	\$716,795
		\$162,957	\$553,838					
1.2 TRAINING	KTMPO	\$8,000	\$8,000	\$0	\$0	\$0	\$0	\$16,000
		\$2,979	\$13,021					
1.3 TRAVEL	KTMPO	\$13,651	\$13,651	\$0	\$0	\$0	\$0	\$27,302
		\$6,932	\$20,370					
1.4 EQUIPMENT	KTMPO	\$6,000	\$6,000	\$0	\$0	\$0	\$0	\$12,000
		\$5,822	\$6,178					
1.5 OPERATING COST	KTMPO	\$128,938	\$136,782	\$0	\$0	\$0	\$0	\$265,720
		42,175	\$223,545					
Total		\$506,811	\$531,006	\$0	\$0	\$0	\$0	\$1,037,817
		\$220,865	\$816,952					

Task 2.0 - FY18/19

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY18	FY19	FY18	FY19	FY18	FY19	
2.1 DATABASE MAINTENANCE	KTMPO	\$25,507	\$26,783	\$0	\$0	\$0	\$0	\$52,290
		\$6,639	\$45,651					
2.2 GIS DEVELOPMENT	KTMPO	\$41,224	\$43,286	\$0	\$0	\$0	\$0	\$84,510
		\$32,784	\$51,726					
Total		\$66,731	\$70,069	\$0	\$0	\$0	\$0	\$136,800
		\$39,423	\$97,377					

Task 3.0 - FY18/19

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY18	FY19	FY18	FY19	FY18	FY19	
3.1 TIP	KTMPO	\$28,602 \$17,381	\$30,034 \$41,252	\$0	\$0	\$0	\$0	\$58,633
3.2 REGIONAL PLANNING	KTMPO	\$10,432 \$6,417	\$10,953 \$14,968	\$0	\$0	\$0	\$0	\$21,385
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		\$39,034 \$23,798	\$40,984 \$56,220	\$35,072	\$35,423	\$43,509	\$43,944	\$237,966

Task 4.0 - FY18/19

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY18	FY19	FY18	FY19	FY18	FY19	
4.1 MTP 2040 IMPLEMENTATION	KTMPO	\$119,086 \$30,208	\$68,904 \$157,779	\$0	\$0	\$0	\$0	\$187,987
4.2 MTP 2045 DEVELOPMENT & IMPLEMENTATION	KTMPO	\$80,742 \$28,081	\$167,271 \$219,932	\$0	\$0	\$0	\$0	\$248,013
Total		\$199,828 \$58,289	\$236,172 \$377,711	\$0	\$0	\$0	\$0	\$436,000

Task 5.0 - FY18/19

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY18	FY19	FY18	FY19	FY18	FY19	
5.1 REGIONAL THOROUGHFARE AND PED/BICYCLE PLAN UPDATE	KTMPO	\$100,000 \$99,992	\$0 8	\$0	\$0	\$0	\$0	\$100,000
5.2 TDM/PROJECT SELECTION	KTMPO	\$12,918 \$12,917	\$22,082 \$22,083	\$0	\$0	\$0	\$0	\$35,000
5.3 CONGESTION MANAGEMENT PROCESS	KTMPO	\$25,000 \$24,606	\$0 \$394	\$0	\$0	\$0	\$0	\$25,000
5.4 PERFORMANCE MEASURES AND TARGETS	KTMPO	\$25,000 \$0	\$0 \$25,000	\$0	\$0	\$0	\$0	\$25,000
5.5 MISCELLANEOUS STUDIES	KTMPO	\$15,000 \$0	\$15,000 \$30,000	\$0	\$0	\$0	\$0	\$30,000
5.6 US 190 FEASIBILITY STUDY*	KTMPO & TXDOT	\$5,000 \$0	\$0 \$5,000	\$0	\$0	\$0	\$0	\$5,000
Total		\$182,918 \$137,515	\$37,082 \$82,485	\$0	\$0	\$0	\$0	\$220,000

Attachment B

Task 1.0 - FY18/19

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY18	FY19	FY18	FY19	FY18	FY19	
1.1 ADMINISTRATION	KTMPO	\$162,957	\$553,838 \$203,838	\$0	\$0	\$0	\$0	\$716,795 \$366,795
1.2 TRAINING	KTMPO	\$2,979	\$13,021	\$0	\$0	\$0	\$0	\$16,000
1.3 TRAVEL	KTMPO	\$6,932	\$20,370	\$0	\$0	\$0	\$0	\$27,302
1.4 EQUIPMENT	KTMPO	\$5,822	\$6,178	\$0	\$0	\$0	\$0	\$12,000
1.5 OPERATING COST	KTMPO	42,175	\$223,545 \$133,947	\$0	\$0	\$0	\$0	\$265,720 \$176,122
Total		\$220,865	\$816,952 \$377,354	\$0	\$0	\$0	\$0	\$1,037,817 \$598,219

Task 5.0 - FY18/19

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY18	FY19	FY18	FY19	FY18	FY19	
5.1 REGIONAL THOROUGHFARE AND PED/BICYCLE PLAN UPDATE	KTMPO	\$99,992	\$8 \$0	\$0	\$0	\$0	\$0	\$100,000 \$99,992
5.2 TDM/PROJECT SELECTION	KTMPO	\$12,917	\$22,083	\$0	\$0	\$0	\$0	\$35,000
5.3 CONGESTION MANAGEMENT PROCESS	KTMPO	\$24,606	\$394 \$0	\$0	\$0	\$0	\$0	\$25,000 \$24,606
5.4 PERFORMANCE MEASURES AND TARGETS	KTMPO	\$0	\$25,000 \$0	\$0	\$0	\$0	\$0	\$25,000 \$0
5.5 MISCELLANEOUS STUDIES	KTMPO	\$0	\$30,000 \$0	\$0	\$0	\$0	\$0	\$30,000 \$0
5.6 US 190 FEASIBILITY STUDY*	KTMPO & TXDOT	\$0	\$5,000 \$0	\$0	\$0	\$0	\$0	\$5,000 \$0
5.7 FAST ACT PERFORMANCE MEASURE STUDY	KTMPO	\$0	\$125,000	\$0	\$0	\$0	\$0	\$125,000
5.8 VULNERABILITY, & RESILIENCY STUDY	KTMPO	\$0	\$125,000	\$0	\$0	\$0	\$0	\$125,000
5.9 EVALUATION OF 2045 MTP PROJECTS	KTMPO	\$0	\$125,000	\$0	\$0	\$0	\$0	\$125,000
5.10 FUTURE GROWTH SCENARIO PLAN	KTMPO	\$0	\$125,000	\$0	\$0	\$0	\$0	\$125,000
Total		\$137,515	\$82,485 \$522,083	\$0	\$0	\$0	\$0	\$220,000 \$659,598

Item 5:

**2040 MTP and FY19-22 TIP
Amendment, C40-05**

**Amendment to the 2040 MTP and FY19-22 TIP for
Copperas Cove FM116/3046 Sidewalk and Bike Lane Project, C40-05**

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 FY17 through FY20. 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

In 2017, the City of Copperas Cove was awarded Category 7 funds for project C40-05, FM116/3046 Sidewalk and Bike Lane Project. This project consisted of constructing ADA compliant sidewalks and bike lanes. The estimated project cost is \$975,000.

Amendments are needed to the 2040 MTP and FY19-22 TIP to update the project description due to design constraints. The project limits and estimated cost will remain the same.

CSJ 3128-01-013

- **Original Description:** Construct ADA compliant sidewalks and bike lanes.
- **New Description:** Construct ADA shared use path.

CSJ 3131-01-007

- **Original Description:** Construct ADA compliant sidewalks and bike lanes.
- **New Description:** Construct ADA shared use path and pedestrian sidewalk.

At their March 6, 2019 meeting, TAC recommended the initiation of the public involvement process for the MTP and TIP amendments and 2045 MTP. The public involvement process for an MTP and TIP amendment includes a 15-day public comment period and a public forum.

Tentative Schedule:

- March 6, 2019—TAC recommends initiation of PI process for MTP and TIP amendments.
- **March 20, 2019—TPPB approves Initiation of PI process for MTP and TIP amendments.**
- March 23-April 6, 2019—Public Comment Period.
- March 26, 2019 – Two public forums; 12pm at Harker Heights Activities Center and 5pm at CTCOG offices.
- April 3, 2019—TAC recommends approval of MTP and TIP amendments.
- April 17, 2019—TPPB approves MTP and TIP amendments.

Action Needed: Initiate the public involvement process for MTP and TIP amendments for project C40-05, Copperas Cove FM116/3046 Sidewalk and Bike Lane Project.



“The City Built for Family Living”

March 5, 2019

Killeen-Temple Metropolitan Planning Organization
P.O. Box 729
Belton, TX 76513

KTMPO Regional Partners:

The FM 116 project (C40-05, CSJ 3128-01-013) was awarded \$819,000 and the FM 3046 project (C40-05, CSJ 3131-01-007) was awarded \$156,000 by the Transportation Planning Policy Board on May 17, 2017. The project was submitted, awarded, and began design based on the following description: Construction ADA compliant sidewalks and bicycle lanes on FM 116 from Business US 190 to FM 3046 and continuing on FM 3046 from FM 116 to Dennis Street.

Once the design on the project commenced, the City's consultant, City staff, and Texas Department of Transportation staff concurred that bicycle lanes cannot be installed in the existing roadway due to restricted available space.

The City of Copperas Cove is requesting the Technical Advisory Committee and the Transportation Planning Policy Board consider allowing the City of Copperas Cove to modify the awarded project. The proposed project modification will construct a shared use path on the east side of FM 116 from Business US 190 to FM 3046 and continuing on the west side of FM 3046 from FM 116 to Dennis Street. The modification will continue to fulfill the construction of multimodal facilities, addressing the safety concerns of pedestrians and bicyclist, and connectivity of the surrounding neighborhoods with Martin Walker Elementary School and South Park. The estimated construction cost for the modified proposal reduces slightly from \$975,000 to \$961,417, so transportation funding awarded is anticipated to be sufficient. The modification was developed in coordination with TxDOT.

The City of Copperas Cove respectfully requests your approval to modify the FM 116 project (C40-05, CSJ 3128-01-013) and the FM 3046 project (C40-05, CSJ 3131-01-007) as stated above.

Sincerely,

Ryan Haverlah
Interim City Manager

HIGHWAY PROJECT LISTING

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

FY 2019

						PROJECT				
DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	SPONSOR	YOE COST		
WACO	Coryell	3128-01-013	FM 116	2019	C	Copperas Cove	Copperas Cove	\$819,000		
LIMITS FROM: BUS HWY 190										
LIMITS TO: FM 3046										
DESCRIPTION: Construct ADA compliant sidewalks and bike lanes										
REVISION DATE: Aug-17										
MPO ID: C40-05										
FUNDING CATEGORY: 7										
PROJECT HISTORY:										
REMARKS: August 2017 KTMPO selected project										
TOTAL PROJECT COST INFORMATION:			COST OF APPROVED PHASES:			AUTHORIZED FUNDING BY CATEGORY				
PRELIMINARY ENGINEERING:	\$43,000		CONSTRUCTION:	\$819,000		CATEGORY: 7	FEDERAL: \$655,200	STATE: \$163,800	LOCAL: \$0	TOTAL: \$819,000
RIGHT OF WAY:			CONSTRUCTION ENGINEERING:	\$43,000		TOTAL	\$655,200	\$163,800	\$0	\$819,000
CONTINGENCIES:	\$10,000		INDIRECTS:							
BOND FINANCING:										
TOTAL PROJECT COST (YOE):	\$915,000									

HIGHWAY PROJECT LISTING

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

FY 2019

							PROJECT	
DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	SPONSOR	YOE COST
WACO	Coryell	3128-01-013	FM 116	2019	C	Copperas Cove	Copperas Cove	\$819,000
LIMITS FROM: BUS HWY 190								
LIMITS TO: FM 3046								
DESCRIPTION: Construct ADA shared use path		REVISION DATE: May-19						
		MPO ID: C40-05						
		FUNDING CATEGORY: 7						
REMARKS: August 2017 KTMPPO selected project		PROJECT HISTORY:						
TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:		AUTHORIZED FUNDING BY CATEGORY				
PRELIMINARY ENGINEERING: \$43,000		\$819,000		CATEGORY: FEDERAL: \$655,200		STATE: \$163,800		TOTAL: \$819,000
RIGHT OF WAY:				7				
CONSTRUCTION: \$819,000				TOTAL		\$655,200		\$819,000
CONSTRUCTION ENGINEERING: \$43,000						\$0		\$0
CONTINGENCIES: \$10,000								
INDIRECTS:								
BOND FINANCING:								
TOTAL PROJECT COST (YOE): \$915,000								

HIGHWAY PROJECT LISTING

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

FY 2019

							PROJECT	
DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	SPONSOR	YOE COST
WACO	Coryell	3131-01-007	FM 3046	2019	C	Copperas Cove	Copperas Cove	\$156,000
LIMITS FROM:	FM 116							
LIMITS TO:	Dennis St							
DESCRIPTION:	Construct ADA compliant shared use path and pedestrian sidewalk							
REVISION DATE:							May-19	
MPO ID:							C40-05	
FUNDING CATEGORY:							7	
REMARKS:	August 2017 KTMPO selected project							
TOTAL PROJECT COST INFORMATION:							AUTHORIZED FUNDING BY CATEGORY	
PRELIMINARY ENGINEERING:	\$23,000	COST OF APPROVED PHASES:					STATE:	LOCAL:
RIGHT OF WAY:							\$31,200	\$0
CONSTRUCTION:	\$156,000		\$156,000					
CONSTRUCTION ENGINEERING:	\$23,000							
CONTINGENCIES:	\$5,000							
INDIRECTS:								
BOND FINANCING:								
TOTAL PROJECT COST (YOE):	\$207,000						TOTAL:	\$156,000



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
HT5-02b	2904-02-036-2304-02-060	FM 2410	Roy 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	\$6,800,000	2017	Yes	N/A	FY15-FY17 MPO Proposition 1: \$17,800,000
W40-07	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 0231-04-061	US 190	FM 3423 (Lincoln 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 1113 (Avenue D) to Constitution Dr.	Construction of a raised median, bike lane and sidewalk on south side of project, and construct the north side 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)	2902-01-021	Loop 121 Phase 1a	Lake Rd (FM 430) to US 190	Widen from 2 to 4 lane divided roadway with raised median	56.45	14	5	\$28,000,000	2021	Yes	E, L, H, P	
W35-07	0320-06-802	NW Loop 363	Lucius McClevey 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 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
W45-01	0231-03-152 0231-07-008 3534-01-013	IH 14 Advanced Traffic Management System	Coyell County line to FM 2410	Construction of fiber optics, traffic cameras 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
W35-12	0185-01-030	US 190 (Ruggers Relief Route)	2.0 MI S of FM 436 to Henderson to Midum 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)												
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
H40-02	0909-36-153	Traffic Circle at Commercial Dr and Heights 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	Rosestone 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	E, ANZ	FY15-17 Category 7 Funds: \$15,530,684
H40-01	2057-01-009	Main St Connectivity	Ave 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	
E35-24	0909-36-155	Prairie View Road Enhancements	W of SH 317 to N Peca Ridge Intersection	Construction of a 4 lane roadway, aligning FM 2483 to Prairie View Rd with a signalized intersection	39	5	4	\$6,490,000	2017	Yes	N/A	

KTMP ID	CSI 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
K40-27 ¹	0836-07-073	SH 195	0.1 MI N of FM 3470 to 0.1 MI S of FM 3470	Turnaround underpass for northbound and southbound traffic on SH 195 frontage road and FM 3470 (Stan Schuster)	47.68	41	7	\$800,000	2019	Yes	EI	
H35-01	0231-03-147	US 190 at FM 2410	East Central Tr. Entry W to East Central Tr. Exit	Construction of a west to east turnaround at FM 2410	67.11	6	8	\$5,000,000	2020	Yes	N/A	
I40-12	1835-02-058	3141 St Sidewalks (EM1741)	Marblewood Rd to Canyon Creek Rd	Installation of 6' sidewalks on both sides of FM1741	94.35	1	1	\$500,000	2019	Yes	N/A	
I40-15	0184-03-039	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	311 St to MLK Jr Blvd (Spur 290)	Construct shared use path for pedestrian and bicyclist	92.00	2	2	\$1,300,000	2019	Yes	EI, H	
G40-05	3128-01-013	FM 116 & 3045 Sidewalks	Business 190 to Dennis St	Construct ADA compliant sidewalks and bike lanes	77.88	5	4	\$975,000	2019	Yes	H, P	FY18-20 Category 7 Funds: \$11,976,956
G40-04E	0909-36-133	The Narrows (Charles Tillman Way)	Charles Tillman Way from Constitution Dr to Charles Tillman Way @ RG III Blvd	Construct shared use path for pedestrian and bicyclist	70.32	11	6	\$170,000	2020	No	EI, H	
S40-04A	2136-01-070	Main St Sidewalks Phase 1	Sahado Plaza Dr to College Hill Dr (North End)	Main St. Improvements to include lighting, sidewalks, & striping for bicycles	81.01	3	7	\$1,616,956	2018	No	H, ARZ, ES	
A40-15	0909-36-162	Fleet Replacement Project	Killeen UZA	Purchase Buses	N/A	N/A	N/A	\$1,615,000	2018	N/A	N/A	
I40-07A	0909-36-903	Temple Outer Loop West Phase 1	5274 S. South of Jupiter to 4544 S. South of Dove Meadow Blvd	Widen from 2 to 4 lanes divided roadway and curb and gutter, Phase 1	64.67	17	4	\$10,298,108	2021	No	P, H	
I40-04	0909-36-901	Holaville City Park Connectivity	Park (North Mesquites) along Ave H to 10th Street	Construct 10' sidewalk, ADA ramps, and crosswalks; widen pavement by 32" with curb and gutter	72.34	6	3	\$1,558,802	2021	No	P	FY21-22 Category 7 Funds: 13,002,000
A45-01	0909-36-905	HCTD Fleet Replacement Project	Hill Country Transit, Killeen UZA Two, Temple UZA One	Purchase Buses to Provide Transportation	N/A	N/A	N/A	\$1,145,000	2021	N/A	N/A	

COMBINED CATEGORY 7 AND MPO CATEGORY 9 PROJECTS

KTMP ID	CSI 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
G40-04A	0909-36-131	The Narrows (Constitution Drive)	Constitution Dr from Bowen Ave to 0.2 MI S Martin Luther King Jr. Blvd	Construction of sidewalks for pedestrian/bicycle use	72.78	8	9	\$850,000	2020	No	EI, H	FY 18-20 Category 7 (\$360,000) and Category 9 (\$490,000): \$850,000

MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)

KTMP ID	CSI 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
K40-23	0909-36-160	Heritage Oaks Hike and Bike Trail, Segment 3A	Rosewood Dr from Nickelback Dr to Pyrite Dr	Construction of a hike and bike trail with lighting	23	1	1	\$800,000	2018	No	EI, ARZ	FY15-17 Category 9 Funds: \$800,000
G40-04B	0909-36-132	The Narrows (RG III at Old Copperas Cove Rd)	RG III Blvd from Constitution Dr to Old Copperas Cove Rd at Constitution Dr.	Construct sidewalks for pedestrian/bicycle use	70.87	9	10	\$680,000	2020	No	EI, H	FY18-20 Category 9 Funds: \$680,000
B45-03	0909-36-169	13th Avenue Sidewalk & Shared Use Path	Main St (SH 317) to Waco Road (FM 817)	Construct 5' sidewalks on the north side of 13th Ave from Main St to Woodall; Transition to 10' SUP from Woodall to Waco Rd	72.16	7	4	\$423,611	2021	No	P	FY21-22 Category 9 Funds: \$423,611

STATEWIDE CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE SET-ASIDE PROGRAM)

KTMP ID	CSI 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
B40-04	0909-36-157	Chisholm Trail Corridor Hike and Bike Facility Phase I	University Blvd 0.25 miles south of Granger Way to Tiger Drive 0.10 mi north of Pyrite Rd.	Construct sidewalks and shared use path - widths vary from 8 ft to 10 ft; includes landscaping and lighting.	N/A	N/A	N/A	\$2,670,615	2018	No	N/A	FY15 Statewide TAP Funds: \$6,118,899
K40-21A	0909-36-152	Killeen Heritage Oaks Hike and Bike Trail, Segment 4	Pyrite Dr from Dr to Chapman Blvd	Construct shared use path for pedestrians and bicyclist	N/A	N/A	N/A	\$1,448,284	2017	No	EI, ARZ	
B40-05	0909-36-163	Belton Hike and Bike Trail Extension South (South Belton Shared Use Path)	HI 35 from FM 436 to Confederate Park Drive	Construct 12 ft wide hike and bike trail. Project will extend along FM 436, HI 35 northbound frontage road and Confederate Park Drive.	N/A	N/A	N/A	\$1,790,570	2020	No	EI, P	FY17 TASA Funds: \$1,790,570

GROUPED PROJECTS

KTMP ID	CSI 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
G01-PE	Various CSIs	Preventative Projects	Various Locations	Various Descriptions	FY2017-2020 TIP: \$37,579,008	FY2019-2022 TIP: 50						
G02-PE	Various CSIs	Maintenance Projects	Various Locations	Various Descriptions	\$37,009,002	\$26,009,216						
G03-BR	Various CSIs	Bridge Projects	Various Locations	Various Descriptions	\$3,125,284	\$1,800,000						
G06-SA	Various CSIs	Safety Projects	Various Locations	Various Descriptions	\$477,599	\$2,698,079						



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 ²	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding Amounts
W40-02b	2384-03-087-2304-02-080	FM 2410	Row 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	L.O Hill W of FM 2410 to Loop 825	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 2410 (Loop 825 Trail) to FM 2410 in W Benton	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	87.45	1	1	\$39,000,000	2019	Yes	H	
C-30-03b	0231-02-062	Business US 190 Phase 4	FM 1113 (Avenue D) to Constitution Dr.	Construction of 4-lane divided median, bike lane and sidewalk on south side of project, and connect the north outside lane to a shared vehicle and bicycle lane to re-align 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 Benton to IH 35	Widen main lanes from 4 to 6 lanes and resurface	83.79	3	3	\$15,000,000	2020	Yes	EJ	
W40-04a (1)	2902-01-021	Loop 121 Phase 1a	Lake 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	EI, H, P	
W40-07	0320-06-902	IHW Loop 363	Lucas MCC (Levey to Industrial Blvd)	Construct interchange and expand 2 to 4 lanes with frontage roads	72.00	3	1	\$45,000,000	2021	Yes	H	
W40-01	0231-19-003	US 190 Bypass	E of Coppens 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: \$17,350,000
W40-01	0231-03-152 0231-07-008 3534-01-013	IH 14 Advanced Traffic Management System	Coyell County Line to FM 2410	Construction of fiber optics, traffic cameras and Dynamic Message Boards	73.33	2	11	\$6,200,000	2022	Yes	EI, 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
W40-12	0185-01-030	US 190 (Rogers Relief Road)	2.0 MI S of FM 439 in Heidenreich to Main 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)												
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
HD-02	0909-36-153	Traffic Circle at Commercial Dr and Heights 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	
K-30-02	0909-36-156	Rosewood Dr Extension	Riverstone Dr to Chaparral Dr	Construction of 4 lane roadway with center median with an off-system bridge	38	4	6	\$7,965,049	2018	No	EI, AIRZ	FY15-17 Category 7 Funds: \$15,596,084
HD-01	2057-01-009	Main St Connectivity	Ave 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	
T35-24	0909-36-155	Prairie View Road Enhancements	W of SH 317 to N Pea Ridge Intersection	Construction of 4 lane roadway, aligning FM 2483 to Prairie View Rd with a signalized intersection	30	5	4	\$6,480,000	2017	Yes	N/A	

KTMPD ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ²	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
K40-27 ¹	0836-02-073	SH 195	0.1 MI N of FM 3470 to 0.1 MI S of FM 3470	Turnaround underpass for northbound and southbound traffic on SH 195 frontage road and FM 3470 (Van Schuster)	47.68	41	7	\$800,000	2019	Yes	EI	
H35-01	0231-01-147	US 190 at FM 2410	East Central Ex Entry W to East Central Ex Entry East	Construction of a west to east turnaround at FM 2410	67.11	6	8	\$5,000,000	2020	Yes	N/A	
F40-12	1835-02-058	31st St Sidewalks (FM1741)	Marketwood Rd to Canyon Creek Rd	Installation of 6' sidewalks on both sides of FM1741	94.35	1	1	\$500,000	2019	Yes	N/A	
F40-15	0332-01-053	Adams Ave/ Central Ave. Bicycle/Pedestrian Improvements	1/4 MI S to MLK Jr Blvd (Spur 290)	Construct shared use path for pedestrian and bicyclist	92.00	2	2	\$1,300,000	2019	Yes	EI, H	
C40-05	3128-01-013 3131-01-007	FM 1166 & 3046 Sidewalks	Business 190 to Dennis St	Construct ADA compliant shared use path for CSJ 3128-01-013 and construct ADA compliant shared use path and pedestrian sidewalk for CSJ 3131-01-007.	77.88	5	4	\$975,000	2019	Yes	H, P	FY18-20 Category 7 Funds: \$1,936,956
C40-04c	0909-39-133	The Narrows (Charles Tillman Way)	Charles Tillman Way from Constitution Dr to Charles Tillman Way @ RG III Blvd	Construct shared use path for pedestrian and bicyclist	70.32	11	6	\$170,000	2020	No	EI, H	
S40-04a	2136-01-070	Main St Sidewalks Phase 1	Sabado Plaza Dr to College Hill Dr (North End)	Main St improvements to include lighting, sidewalks, & striping for bicycles	81.01	3	7	\$1,616,956	2018	No	H, ARZ, ES	
K40-13	0909-36-102	Fleet Replacement Project	Killeen UZA	Purchase Buses	N/A	N/A	N/A	\$1,615,000	2018	N/A	N/A	
F40-07a	0909-36-903	Temple Outer Loop West Phase 1	522 Ft South of Jupiter to 20 Ft N of Riverside Trail	Widen from 2 to 4 lanes divided roadway and curb and gutter, Phase 1	64.67	17	4	\$10,290,198	2021	No	P, H	
H40-04	0909-36-901	Holawille Ciry Park Connectivity	Park (North Mesquite) along Ave H to 10th Street	Construct 10' sidewalk, ADA ramps, and crosswalks; widen pavement by 32' with curb and gutter	72.34	6	3	\$1,558,802	2021	No	P	FY21-22 Category 7 Funds: 13,002,000
A45-01	0909-36-905	HCTD Fleet Replacement Project	Hill Country Transit, Killeen UZA Two, Temple UZA One	Purchase Buses to Provide Transportation	N/A	N/A	N/A	\$1,145,000	2021	N/A	N/A	

COMBINED CATEGORY 7 AND MPO CATEGORY 9 PROJECTS

KTMPD ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ²	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
C40-04a	0909-39-131	The Narrows (Constitution Drive)	Constitution Dr from Bowen Ave to 0.2 MI S Martin Luther King Jr. Blvd	Construction of sidewalks for pedestrian/bicycle use	72.78	8	9	\$850,000	2020	No	EI, H	FY 18-20 Category 7 (\$360,000) and Category 9 (\$490,000): \$850,000

MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)

KTMPD ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ²	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
K40-23	0909-36-160	Heritage Oaks Bike and Bike Trail - Segment 3A	Rosewood Dr from Nickelback Dr to Pyrite Dr	Construction of a bike and bike trail with lighting	23	1	1	\$800,000	2018	No	EI, ARZ	FY15-17 Category 9 Funds: \$800,000
C40-04b	0909-39-132	The Narrows (RG III at Old Copperas Cove Rd)	RG III Blvd from Constitution Dr to Old Copperas Cove Rd at Constitution Dr.	Construct sidewalks for pedestrian/bicycle use	70.87	9	10	\$680,000	2020	No	EI, H	FY18-20 Category 9 Funds: \$680,000
B45-01	0909-36-160	13th Avenue Sidewalk & Shared Use Path	Main St (SH 317) to Waco Road (FM 817)	Construct 5' sidewalks on the north side of 13th Ave from Main St to Woodall; Transition to 10' SLP from Woodall to Waco Rd	72.16	7	4	\$423,611	2021	No	P	FY21-22 Category 9 Funds: \$423,611

STATEWIDE CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE SET-ASIDE PROGRAM)

KTMPD ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ²	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
B40-04	0909-36-157	Chisholm Trail Corridor Bike and Bike Facility Phase I	University Blvd @ 25 mile Turner Drive to 10 mi north of Sparta Rd	Construct sidewalks and shared use path - widths vary from 8 ft to 10 ft; includes landscaping and lighting.	N/A	N/A	N/A	\$2,670,615	2018	No	N/A	FY15 Statewide TAP Funds: \$6,118,939
K40-21a	0909-36-152	Killeen Heritage Oaks Bike and Bike Trail, Segment 4	Millstream Dr to Chaparral Rd	Construct shared use path for pedestrians and bicyclist	N/A	N/A	N/A	\$3,448,284	2017	No	EI, ARZ	
B40-05	0909-36-163	Beltone Bike and Bike Trail Extension South (South Beltone Shared Use Path)	1/4 MI S from FM 436 to Confederate Park Drive	Construct 12 ft wide bike and bike trail. Project will extend along FM 436, 1/4 MI S northbound frontage road and Confederate Park Drive.	N/A	N/A	N/A	\$1,790,570	2020	No	EI, P	FY17 TASA Funds: \$1,790,570

GROUPED PROJECTS

KTMPD ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ²	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
G01-FE	Various CSJs	Preventative Projects	Various Locations	Various Descriptions	FY2017-2020 TIP: \$12,579,008	FY2019-2022 TIP: 50						
G04-TR	Various CSJs	Maintenance Projects	Various Locations	Various Descriptions	\$17,600,000	\$20,000,216						
G04-BR	Various CSJs	Bridge Projects	Various Locations	Various Descriptions	\$3,125,284	\$1,600,000						
G06-SA	Various CSJs	Safety Projects	Various Locations	Various Descriptions	\$477,939	\$2,050,079						

Item 6:

**2040 MTP and FY19-22 TIP
Amendment, T40-07a**

**Amendment to the 2040 MTP and FY19-22 TIP for
Temple's Outer Loop West Project Phase 1, T40-07a**

Amendment to the 2040 MTP and FY19-22 TIP

In 2018, the City of Temple was awarded Category 7 funds for project T40-07a, Temple Outer Loop West Project, Phase 1. This project consists of widening the roadway from 2 to 4 lanes divided with curb and gutter. The estimated project cost is \$10,298,198.

Amendments are needed to the 2040 MTP and FY19-22 TIP to update the project limits. The project cost will remain the same.

- **Original Limits:** 522ft. S. of Jupiter Dr. to 454ft. S. of Dove Meadow Blvd.
- **New Limits:** 522ft. S. of Jupiter Dr. to 20ft. N. of Riverside Trail

At their March 6, 2019 meeting, TAC recommended the initiation of the public involvement process for the MTP and TIP amendments and 2045 MTP. The public involvement process for an MTP and TIP amendment includes a 15-day public comment period and a public forum.

Tentative Schedule:

- March 6, 2019—TAC recommends initiation of PI process for MTP and TIP amendments.
- **March 20, 2019—TPPB approves Initiation of PI process for MTP and TIP amendments.**
- March 23-April 6, 2019—Public Comment Period.
- March 26, 2019 – Two public forums; 12pm at Harker Heights Activities Center and 5pm at CTCOG offices.
- April 3, 2019—TAC recommends approval of MTP and TIP amendments.
- April 17, 2019—TPPB approves MTP and TIP amendments.

Action Needed: Initiate the public involvement process for MTP and TIP amendments for Temple's Outer Loop West Project Phase 1, T40-07a.

HIGHWAY PROJECT LISTING

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

FY 2021

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
Waco	Bell	0909-36-168	CS	2021	C	Temple	Temple	\$10,298,198

LIMITS FROM: Dr

522 ft S. of Jupiter
454 ft S. of Dove
Meadow Blvd.

LIMITS TO: 454 ft S. of Dove Meadow Blvd.
DESCRIPTION: Widen from 2 to 4 lanes divided roadway and curb and gutter, Phase 1

REVISION DATE: Feb-19

MPO ID: T40-07a

FUNDING CATEGORY: 7

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:	\$549,223	FEDERAL:	\$8,238,558
RIGHT OF WAY:	\$0	STATE:	\$0
CONSTRUCTION:	\$11,208,648	LOCAL:	\$2,059,640
CONSTRUCTION ENGINEERING:	\$554,828	TOTAL:	\$10,298,198
CONTINGENCIES:	\$112,086		
INDIRECTS:	\$0		
BOND FINANCING:	\$0		
TOTAL PROJECT COST (YOE):	\$12,424,785		

HIGHWAY PROJECT LISTING

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

FY 2021

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
Waco	Bell	0909-36-168	CS	2021	C	Temple	Temple	\$10,298,198

LIMITS FROM: Dr 522 ft S. of Jupiter

LIMITS TO: 20 ft. N of Riverside Trail

DESCRIPTION: Widen from 2 to 4 lanes divided roadway and curb and gutter, Phase 1

REMARKS:

REVISION DATE: May-19

MPO ID: T40-07a

FUNDING CATEGORY: 7

PROJECT HISTORY:

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

TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:	
PRELIMINARY ENGINEERING:	\$549,223	FEDERAL:	\$8,238,558
RIGHT OF WAY:	\$0	STATE:	\$0
CONSTRUCTION:	\$11,208,648	LOCAL:	\$2,059,640
CONSTRUCTION ENGINEERING:	\$554,828	TOTAL:	\$10,298,198
CONTINGENCIES:	\$112,086		
INDIRECTS:	\$0		
BOND FINANCING:	\$0		
TOTAL PROJECT COST (YOE):	\$12,424,785		



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)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding Amounts
W40-02b	7204-02-01872304-02-000	FM 2410	Roy Reynolds Dr to Commercial Drive	Widen from 2 to 4 lane roadway with sidewalks, median and turn lanes incorporating construct, sensor design	N/A	N/A	N/A	\$8,800,000	2017	Yes	N/A	FY15-FY17 MPO Proposition 1: \$17,800,000
W40-07	0231-03-143	US 190	1.0 MI W of FM 2410 to FM 2410	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	0231-02-145 0231-04-061	US 190	FM 2410 (Rings Trail) to FM 2410 in W Belton	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	87.45	1	1	\$19,000,000	2019	Yes	H	
C30-03b	0231-02-062	Business US 190 Phase 1	FM 1113 (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	EI	FY18-20 Category 2: \$48,000,000
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	EI	
W40-04a(1)	2502-01-021	Loop 171 Phase 1a	Loop 171 (FM 437) to US 190	Widen from 2 to 4 lane divided roadway with raised median	56.45	14	5	\$28,000,000	2021	Yes	EI, H, P	
W35-07	0320-06-902	NW Loop 363	Lucius McClevey 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	FY21-27 Category 2: \$127,390,000
W45-01	0231-03-152 0231-07-008 3534-01-013	IH 14 Advanced Traffic Management System	Coyell County Line to FM 2410	Construction of fiber optics, traffic cameras and Dynamic Message Boards	73.33	2	11	\$6,200,000	2022	Yes	EI, L, H	

COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
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 ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
W35-12	0185-01-030	US 190 (Reggie Relief Route)	2.0 MIs of FM 836 in Heidelberg to Milan 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 ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
H40-02	0909-36-153	Traffic Circle at Commercial Dr and Heights 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	EI	
K30-02	0909-36-156	Riverwood 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	EI, ARZ	FY15-17 Category 7 Funds: \$15,530,684
N40-01	2057-01-009	Main St Connectivity	Ave 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	
T35-24	0909-36-155	Prairie View Road Enhancements	W of SH 317 to N Pea Ridge	Construction of a 4 lane roadway, signing FM 2483 to Prairie View Rd with a signalized intersection	39	5	4	\$6,480,000	2017	Yes	N/A	

K40-27 ¹	0836-01-073	SH 195	O.I.M.H. of FM 347016.0.1 M4.3 of FM 3470	Turnaround underpass for northbound and southbound traffic on SH 195 frontage rabb and FM 3470 (Stam Schueter)	47.68	41	7	\$800,000	2019	Yes	EI	
H35-01	0231-03-147	US 190 at FM 7410	East Central Ex Exp W to East Central Ex Exp East	Construction of a street to exit turnaround at FM 2410	67.11	6	8	\$5,000,000	2020	Yes	N/A	
T40-12	1835-02-058	31st St Sidewalks (FM1741)	Meadowland Rd to Canyon Creek Rd	Installation of 6' sidewalks on both sides of FM1741	94.35	1	1	\$500,000	2019	Yes	N/A	
T40-15	0184-03-039	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	HH 35 to MKR Jr Blvd (Spur 290)	Construct shared use path for pedestrian and bicyclists	91.00	2	2	\$1,300,000	2019	Yes	EI, H	
C40-05	3128-01-013	FM 1116 & 3046 Sidewalks	Business 190 to Dennis St.	Construct ADA compliant sidewalks and bike lanes	77.88	5	4	\$975,000	2019	Yes	H, P	
C40-04C	0909-39-133	The Narrows (Charles Tillman Way)	Charles Tillman Way from Constitution Dr to Charles Tillman Way @ IG III Blvd	Construct shared use path for pedestrian and bicyclists	70.32	11	6	\$170,000	2020	No	EI, H	
S40-04A	2136-01-020	Main St Sidewalks Phase 1	Salado Plaza Dr to College Hill Dr (North End)	Main St improvements to include lighting, sidewalks, & striping for bicycles	81.01	3	7	\$1,616,956	2018	No	H, ARZ, ES	
A40-15	0909-36-102	Fleet Replacement Project	Temple UZA	Purchase Buses	N/A	N/A	N/A	\$1,615,000	2018	N/A	N/A	
T40-07A	0909-36-903	Temple Outer Loop West-Phase I	527 ft South of Ingleter to 454 ft South of Dove Meadow Blvd	Widen from 2 to 4 lanes divided roadway and curb and gutter, Phase 1	64.67	17	4	\$10,298,108	2021	No	P, H	
N40-04	0909-36-901	Holmesville City Park Connectivity Street	Park (North Mesquite) along Ave H to 10th Street	Construct 10' sidewalk, ADA ramps, and crosswalks; widen pavement by 32' with curb and gutter	73.34	6	3	\$1,518,802	2021	No	P	
A45-01	0909-36-905	HCTD Fleet Replacement Project	Hill Country Transit, Killen UZA-Two, Temple UZA-One	Purchase Buses to Provide Transportation	N/A	N/A	N/A	\$1,145,000	2021	N/A	N/A	

COMBINED CATEGORY 7 AND MPO CATEGORY 9 PROJECTS

KTMPD ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ³	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
C40-04A	0909-39-131	The Narrows (Constitution Drive)	Constitution Dr from Bowen Ave to 0.2 MI S Martie Luther King Jr. Blvd	Construction of sidewalks for pedestrian/bicycle use	72.78	8	9	\$850,000	2020	No	EI, H	FY 18-20 Category 7 (\$360,000) and Category 9 (\$490,000); \$850,000
K40-23	0909-36-160	Heritage Oaks Hike and Bike Trail, Segment 3A	Rosewood Dr from Nickelback Dr to Pyrite Dr	Construction of a hike and bike trail with lighting	23	1	1	\$800,000	2018	No	EI, ARZ	FY15-17 Category 9 Funds: \$800,000
C40-04b	0909-39-132	The Narrows (IG III at Old Coppocas Cove Rd)	IG III Blvd from Constitution Dr to Old Coppocas Cove Rd at Constitution Dr	Construct sidewalks for pedestrian/bicycle use	70.87	9	10	\$680,000	2020	No	EI, H	FY18-20 Category 9 Funds: \$680,000
B45-03	0909-36-169	13th Avenue Sidewalk & Shared Use Path	Main St (SH 317) to Waco Road (FM 817)	Construct 5' sidewalks on the north side of 13th Ave from Main St to Woodall; Transition to 10' SUP from Woodall to Waco Rd	72.16	7	4	\$423,611	2021	No	P	FY21-22 Category 9 Funds: \$423,611

STATEWIDE CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE SET-ASIDE PROGRAM)

KTMPD ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ³	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
B40-04	0909-36-157	Chisholm Trail Corridor Hike and Bike Facility Phase II	University Blvd 0.25 mile Corridor Way to Heger Drive 0.10 mi north of Sparta Rd.	Construct sidewalks and shared use path - widths vary from 8 ft to 10 ft; includes landscaping and lighting	N/A	N/A	N/A	\$2,070,615	2018	No	N/A	FY15 Statewide TAB Funds: \$6,118,899
K40-21a	0909-36-152	Killen Heritage Oaks Hike and Bike Trail, Segment 4	Platinum Dr to Chaparral Rd	Construct shared use path for pedestrians and bicyclist	N/A	N/A	N/A	\$3,448,284	2017	No	EI, ARZ	
B40-05	0909-36-163	Belton Hike and Bike Trail Extension South (South Belton Shared Use Path)	HH 35 from FM 436 to Confederate Park Drive	Construct 12 ft wide hike and bike trail. Project will extend along FM 436, HH 35 northbound frontage road and Confederate Park Drive	N/A	N/A	N/A	\$1,980,570	2020	No	EI, P	FY17 TASA Funds: \$1,790,570

GROUPED PROJECTS

KTMPD ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ³	Project Ranking ¹	FY2019-2022 TIP
G01-FE	Various CSJs	Presentative Projects	Various Locations	Various Descriptions		50	\$13,979,038
G03-MT	Various CSJs	Maintenance Projects	Various Locations	Various Descriptions		620,009,216	\$1,600,000
G04-RR	Various CSJs	Bridge Projects	Various Locations	Various Descriptions		3,117,284	\$1,600,000
G06-SA	Various CSJs	Safety Projects	Various Locations	Various Descriptions		247,799	\$2,090,073



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	CAP Network ²	Environmental Considerations ³	Funding Amounts
W40-02b	2834-02-036-2304-02-040	FM 2410	Flow Reynolds Dr to Commercial Bldg	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 Preparation 1: \$17,800,000
W40-02	0231-03-143	US 190	LOM W of FM 2410 to Leitch, W of FM 2410	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 2423 (Belton Trail) to FM 2410 in W Belton	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	87.45	1	1	\$19,000,000	2019	Yes	H	
C30-03b	0231-02-862	Business US 190 Phase 1	FM 1113 (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	EI	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	EI	
W40-04a(1)	2502-01-021	Loop 121 Phase 1a	Lake Rd (FM 437) to US 190	Widen from 2 to 4 lane divided roadway with raised median	56.45	14	5	\$28,000,000	2021	Yes	EI, H, P	
W35-07	0320-06-202	NW Loop 363	Lectus McClevey 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 Copperas Cove to 0.2 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	FY21-27 Category 2: \$127,350,000
W45-01	0231-03-152 0231-07-008 1534-01-013	IH 14 Advanced Traffic Management System	Coyell County Line to FM 2410	Construction of fiber optics, traffic cameras and Dynamic Message Boards	73.33	2	11	\$6,200,000	2022	Yes	EI, 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	CAP 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	EI	FY18-20 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	CAP Network ²	Environmental Considerations ³	Funding
W35-12	0185-01-030	US 190 (Progress Belled Route)	2.0 Miles of FM 436 in Henderson to Main 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	CAP Network ²	Environmental Considerations ³	Funding
H40-02	0909-36-153	Traffic Circle at Commercial Dr and Heights 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	EI	
K30-02	0909-36-156	Rosewood Dr Extension	Rosewood 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	FY15-17 Category 7 Funds: \$15,530,684
N40-01	2027-01-009	Main St Connectivity	Ave 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	
T35-24	0909-36-155	Prairie View Road Enhancements	W of SH 317 to R Fox 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	

K40-27 ¹	08-36-02-073	511-195	0.1 MI N of FM 3470 to 0.1 MI S of FM 3470	Turnaround underpass for northbound and southbound traffic on SH 195 frontage roads and FM 3470 (Stan Schacter)	42.68	41	7	\$800,000	2019	Yes	EI	
H45-01	0231-01-147	US 190 at FM 2410	East Central Ex. Entry W to East Central Ex. Entry East	Construction of a west to east turnaround at FM 2410	67.11	6	8	\$5,000,000	2020	Yes	N/A	
F40-12	1835-02-058	31st St Sidewalks (FM1741)	Market Street to Carson Creek Rd	Installation of 6' sidewalks on both sides of FM1741	94.35	1	1	\$500,000	2019	Yes	N/A	
F40-15	0232-01-053	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	W 35 to MLK Jr Blvd (Vapor 290)	Construct shared use path for pedestrian and bicyclists	92.00	2	2	\$1,300,000	2019	Yes	EI, H	
G40-05	3128-01-013 3131-01-007	FM 116 & 3046 Sidewalks	Business 190 to Dennis St	Construct ADA compliant shared use path for CSI 3128-01-013 and construct ADA compliant shared use path and pedestrian sidewalk for CSI 3131-01-007.	77.88	5	4	\$975,000	2019	Yes	H, P	FY18-20 Category 7 Funds: \$11,796,956
G40-04E	0909-39-133	The Narrows (Charles Tillman Way)	Charles Tillman Way from Constitution Dr to Charles Tillman Way @ RG III Blvd	Construct shared use path for pedestrian and bicyclists	70.32	11	6	\$170,000	2020	No	EI, H	
S40-04a	2136-01-020	Main St Sidewalks Phase 1	Sabado Plaza Dr to College Hill Dr (North End)	Main St improvements to include lighting, sidewalks, & striping for bicycles	81.01	3	7	\$1,616,956	2018	No	H, ARZ, ES	
A40-15	0909-36-162	Fleet Replacement Project	Killean UZA	Purchase Buses	N/A	N/A	N/A	\$1,615,000	2018	N/A	N/A	
F40-07a	0909-36-903	Temple Outer Loop West Phase 1	522 N South of Jupiter to 201E N of Riverside Trail	Widen from 2 to 4 lanes divided roadway and curb and gutter, Phase 1	64.67	17	4	\$10,290,198	2021	No	P, H	
H40-04	0909-36-901	Nolanville City Park Connectivity	Park (North Mesquite) along Ave H to 10th Street	Construct 10' sidewalk, ADA ramps, and crosswalks; widen pavement by 32' with curb and gutter	72.34	6	3	\$1,558,802	2021	No	P	FY21-27 Category 7 Funds: \$3,002,000
A45-01	0909-36-905	HCTD Fleet Replacement Project	Hill Country Transit, Killean UZA Two, Temple UZA One	Purchase Buses to Provide Transportation	N/A	N/A	N/A	\$1,145,000	2021	N/A	N/A	

COMBINED CATEGORY 7 AND MPO CATEGORY 9 PROJECTS

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
C40-04a	0909-39-131	The Narrows (Constitution Drive)	Constitution Dr from Bowen Ave to 0.2 MI S Martin Luther King Jr. Blvd	Construction of sidewalks for pedestrian/bicycle uses	72.78	8	9	\$850,000	2020	No	EI, H	FY 18-20 Category 7 (\$300,000) and Category 9 (\$550,000); \$850,000

MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
K40-23	0909-36-160	Heritage Oaks Bike and Bike Trail, Segment 3A	Rosewood Dr from Neckerback Dr to Pyree Dr	Construction of a bike and bike trail with lighting	23	1	1	\$800,000	2018	No	EI, ARZ	FY15-17 Category 9 Funds: \$800,000
G40-04b	0909-39-132	The Narrows (RG III at Old Cypress Cove Rd)	RG III Blvd from Constitution Dr to Old Cypress Cove Rd at Constitution Dr	Construct sidewalks for pedestrian/bicycle use	70.87	9	10	\$680,000	2020	No	EI, H	FY18-20 Category 9 Funds: \$680,000
B45-03	0909-36-169	13th Avenue Sidewalk & Shared Use Path	Main St (SH 317) to Waco Road (FM 817)	Construct 5' sidewalks on the north side of 13th Ave from Main St to Woodall; Transition to 10' SUP from Woodall to Waco Rd	72.16	7	4	\$423,611	2021	No	P	FY21-27 Category 9 Funds: \$423,611

STATEWIDE CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE SET-ASIDE PROGRAM)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
B40-04	0909-36-157	Chisholm Trail Corridor Bike and Bike Facility Phase I	University Blvd 0.25 mile south of Crusader Way to Tiger Drive 0.10 mi north of Sparta Rd	Construct sidewalks and shared use path - widths vary from 8 ft to 10 ft; includes landscaping and lighting	N/A	N/A	N/A	\$2,670,615	2018	No	N/A	FY15 Statewide TAP Funds: \$6,118,899
K40-21a	0909-36-152	Killean Heritage Oaks Bike and Bike Trail, Segment 4	From Dr to Chaparral Rd	Construct shared use path for pedestrians and bicyclists	N/A	N/A	N/A	\$3,448,284	2017	No	EI, ARZ	
B40-05	0909-36-163	Belton Bike and Bike Trail Extension South (South Belton Shared Use Path)	W 35 from FM 436 to Confederate Park Drive	Construct 12 ft wide bike and bike trail. Project will extend along FM 436, W 35 northbound frontage road and Confederate Park Drive.	N/A	N/A	N/A	\$1,790,570	2020	No	EI, P	FY17 TASA Funds: \$1,790,570

GROUPED PROJECTS

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	FY2017-2020 TIP	FY2019-2022 TIP
G01-PE	Various CSJs	Preventative Projects	Various Locations	Various Descriptions	\$12,579,008	\$0
G01-MT	Various CSJs	Maintenance Projects	Various Locations	Various Descriptions	\$27,602,002	\$20,007,216
G04-BR	Various CSJs	Bridge Projects	Various Locations	Various Descriptions	\$3,175,284	\$1,400,000
G06-SA	Various CSJs	Safety Projects	Various Locations	Various Descriptions	\$497,599	\$1,090,079

Item 7:

2040 MTP Amendment

T40-07b

**Amendment to the 2040 MTP for
Temple's Outer Loop West Project Phase 2, T40-07b**

Amendment to the 2040 MTP and FY19-22 TIP

The City of Temple submitted project T40-07, Temple's Outer Loop West, during the 2018 Call for Projects. At that time, the project was phased out with project T40-07a, Temple Outer Loop West Phase 1, receiving Category 7 funds. Project T40-07b, Temple Outer Loop West Phase 2 project, did not receive funding at that time and is currently in the MTP. Phase 2 consists of widening the roadway from 2 to 4 lanes divided with curb and gutter and includes a hike and bike trail and dedicated bike lanes to incorporate multimodal transportation. The estimated project cost for phase 2 is \$9,701,802.

An amendment is needed to the 2040 MTP to update the project limits. The project description and cost will remain the same.

- **Original Limits:** 454ft. S. of Dove Meadow to IH-35 S.
- **New Limits:** 20ft. N. of Riverside Trail to IH-35 S.

At their March 6, 2019 meeting, TAC recommended the initiation of the public involvement process for the MTP and TIP amendments and 2045 MTP. The public involvement process for an MTP and TIP amendment includes a 15-day public comment period and a public forum.

Tentative Schedule:

- March 6, 2019—TAC recommends initiation of PI process for MTP amendment.
- **March 20, 2019—TPPB approves Initiation of PI process for MTP amendment.**
- March 23-April 6, 2019—Public Comment Period.
- March 26, 2019 – Two public forums; 12pm at Harker Heights Activities Center and 5pm at CTCOG offices.
- April 3, 2019—TAC recommends approval of MTP and TIP amendments.
- April 17, 2019—TPPB approves MTP and TIP amendments.

Action Needed: Initiate the public involvement process for MTP amendment for Temple's Outer Loop West Project Phase 2, T40-07b.

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

ROADWAY PROJECTS¹

KT/MPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ²	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding ⁴
W30-17	1835-01-026	FM 93 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	EI, H, P	
140-07b	0909-36-174	Temple Outer Loop West Phase II	454 E. South of Dove Mowdow 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.	59.89	27	5	\$23,000,000	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	\$4,000,000	TBD	No	—	
H30-05	0909-36-171	Warriors Path Upgrade	FM 2410 (Knights Way) to Old Holmanville Rd	Create a two lane road section with left turn lane at future school, curb and gutter, 6 ft sidewalk on west side and a 10K wide hike/bike path on east side	48.17	50	7	\$8,960,950	2025	No	H	
H40-03	N/A	Old Holmanville Road Bridge Expansion and Bike/Pedestrian Project	Bridge on Old Holmanville Rd to US 190/IH 14	Reconstruct bridge on Old Holmanville Road and add multi-use trail system to connect to existing trail system.	49.84	46	8	\$1,602,700	TBD	No	—	
S40-03	N/A	Sabalo 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	—	
I15-06k	N/A	US 190/Loop 363	US 190/IH 14 to Loop 363	Reconstruct and widen to 8 lanes	78.27	1	10	\$129,700,000	TBD	Yes	EI, H	
C35-02ab ⁵	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	EI	
W25-02	N/A	SH 36	SH 317 to Lake Belton	Widen from 2 to 4 lane divided roadway	71.63	5	13	\$36,715,000	TBD	No	P	
W35-04	N/A	FM 439	Reynolds Drive to FM 3218	Widen from 4 to 6 lanes	70.27	6	14	\$11,539,000	TBD	No	EI	
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	\$6,565,500	2024	No	H, ABZ, 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 MLK Blvd	68.36	8	16	\$16,784,000	TBD	Yes	EI	
C30-03a	N/A	Business US 190 - Phase II	FM 1111 (Ave D) to FM 1116 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' sidewalks 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	EI	
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	\$12,588,000	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 gutters	66.35	12	19	\$5,561,600	TBD	No	—	
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	EI	
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.S. Young Drive	65.00	15	22	\$9,000,000	2025	No	EI	
H15-01	N/A	FM 3423 (Indian Trail)	Business 190 (VMB) to US 190/IH 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	—	
I35-36a	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, bike and bike trails and will incorporate multimodal design	64.45	19	24	\$8,500,000	TBD	Yes	EI	
K40-11	N/A	W.S. Young Drive	Mall Dr to AJ Hall Blvd	Add turn lane and relocate traffic signal at Mall Dr to AJ Hall Blvd	64.09	20	25	\$4,887,549	TBD	Yes	EI	
H40-06	N/A	Holmanville 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 Lones 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 and bike lanes	60.84	24	28	\$6,306,620	TBD	No	H, ABZ, 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	EI	
H30-01	N/A	Business US 100 (Westmans Memorial Blvd)	N Roy Reynolds to US 190/IH 14	Reduce roadway profile, install curb & gutter, access management/drainway control, drainage improvements, sidewalks, medians and other context sensitive solutions	60.19	26	30	\$5,000,000	TBD	No	EI, L, H	
D40-10	N/A	FM 1670	US 190 to Three Creeks Boulevard	Widen from 2 to 4 lane roadway with a 10' hike and bike trail	59.45	28	31	\$5,643,360	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	EI	

Short Range Funding: \$44,500,000

Long Range Funding: \$364,100,000

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

ROADWAY PROJECTS⁷

KTMO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ²	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding ⁴
W30-17	1835-01-026	FM 93 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	E, I, H, P	
140-07b	0909-36-174	Temple Outer Loop West Phase II	20 E. N. of Riverside Trail to I-35.5	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	\$23,000,000	2023	No	E, H	
D40-01	N/A	North Waco Rd (D40B3)	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 Holanville 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	\$8,968,950	2025	No	H	
H40-03	N/A	Old Holanville Road Bridge Expansion and Bike/Pedestrian Project	Bridge on Old Holanville Rd to US 190/H 14	Reconstruct bridge on Old Holanville Road and add multi-use trail system to connect to existing trail system.	49.84	46	8	\$1,602,700	TBD	No	—	
S40-03	N/A	Sakado 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	—	
H15-06k	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	E, J, H	
C35-02ab ⁵	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	
W25-02	N/A	SH 317 to Lake Belton	SH 317 to Lake Belton	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	\$11,539,000	TBD	No	EJ	
H45-03	N/A	FM 3481 (Stillhouse Lake Road) Phase 1 Intersection	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	\$6,565,500	2024	No	H, ABZ, 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 MLK Blvd	68.36	8	16	\$16,794,000	TBD	Yes	EJ	
C30-03a	N/A	Business US 190 - Phase H	FM 1133 (Ave D) to FM 1116 South	Convert the center turn lane to a controlled left turn lane with raised median, convert the existing 8 travel lanes, add curb and gutter on north and south sides of the roadway. 6' sidewalks on east and west sides. 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	\$12,588,000	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	\$5,961,600	TBD	Yes	—	
W30-13	N/A	FM 2484	FM 1670 to IH 35	Widen from 2 to 4 lane divided roadway	65.99	13	20	\$1,187,000	TBD	No	P	
W30-21	N/A	Loop 363 at FM 2305 (Adams Ave) Reconfiguration	Intersection of Loop 363 and FM 2305 (Adams Ave)	Widen from 2 to 4 lanes with a continuous turn lane with curb and gutter and sidewalks	65.45	14	21	\$18,000,000	TBD	Yes	EJ	
L40-24	N/A	Featherline Drive	Stagecoach Rd to Chaparral Rd	Reconstruct interchange at FM 2305 (Adams Ave) and LP 363	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	Widen from two to four lanes with a center turn lane and roundabouts at Featherline Rd and Stagecoach Rd and Stagecoach Rd at W.S. Young Drive	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	Construct an urban cross-section roadway with sidewalks, median and pedestrian enhancements within the appropriate context sensitive cross section	64.45	19	24	\$8,500,000	TBD	Yes	EJ	
K40-11	N/A	W5 Young Drive	Mall Dr to AJ Hall Blvd	Widen from 4 lane undivided to 4 lane divided roadway with curb and gutter, hike and bike trails and will incorporate multimodal design	64.09	20	25	\$4,889,549	TBD	Yes	EJ	
H40-06	N/A	Holanville Railroad Crossing Safety	Pleasant Hill Cemetery Rd to Jack Rabbit Road (4 RR Crossings)	Add turn lane and relocate traffic signal at Mall Dr to AJ Hall Blvd	63.18	21	26	\$500,000	TBD	No	—	
D40-03	N/A	Old TX 81 - Phase I	FM 1737 to Lones Overpass	Upgrade crossings for better connections and safety	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 and bike lanes	60.84	24	28	\$6,306,620	TBD	No	H, ABZ, P	
L40-16	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/drainage control, drainage improvements, sidewalks, medians and other context sensitive solutions.	60.19	26	30	\$5,000,000	TBD	No	E, I, L, H	
B40-10	N/A	FM 1670	US 190 to Three Creeks Boulevard	Widen from 2 to 4 lane roadway with a 10' hike and bike trail	59.45	28	31	\$5,643,360	TBD	No	E, J, H	
W35-02	N/A	Intersection of 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	

Short Range Funding: \$44,500,000

Long Range Funding: \$364,100,000

**Item 8: 2045 MTP
Public Involvement**

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.ktmpo.org.

At their March 6, 2019 meeting, TAC recommended the initiation of the public involvement process for the MTP and TIP amendments and 2045 MTP. The public involvement process for an MTP update includes a 30-day public comment period and two public forums.

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 – Two public forums; 12pm at Harker Heights Activities Center and 5pm at CTCOG offices.
- May 1, 2019—TAC recommends approval of 2045 MTP.
- May 15, 2019—TPPB approves 2045 MTP.

Action Needed: Initiate the public involvement process for 2045 MTP.

Item 9:

**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: For discussion only.

KTMPO Project Status Summary

Local Let Projects

CCSJ	Sponsor	Let Date	Funding	Description
3128-01-013	Copperas Cove	9/19	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 th 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

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	12/19	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

Item 10:
Public Input

Public Input Received through February 28, 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 February 28, 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	Avenue 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	Avenue 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

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