



Transportation Planning Policy Board

**March 18, 2020
9:30 a.m.**

Agenda



**Killeen-Temple Metropolitan Planning Organization
Transportation Planning Policy Board (TPPB)
Wednesday, March 18, 2020
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.
3. Staff Update: Advisory Committees; Air Quality.
4. **Action Item:** Regarding approval of the minutes from February 19, 2020 meeting.
5. **Discussion and Action Item:** Regarding approval of KTMP O Director and CTCOG Executive Director to take action on KTMP O matters during times of a disaster or emergency impacting the KTMP O region.
6. **Discussion and Action Item:** Regarding approval of amendments to the KTMP O Policy Board bylaws.
7. **Discussion and Action Item:** Regarding initiation of the public involvement process for amendments to the FY19-22 Transportation Improvement Program (TIP) and 2045 Metropolitan Transportation Plan (MTP) regarding:
 - a) Troy Mays Middle School SRTS Project,
 - b) T40-15 Adams Ave/Central Ave Bicycle/Pedestrian Improvements,
 - c) SH 9 Tank Destroyer Blvd Project,
 - d) Added language for Safety and Transit performance measure renewal.
8. **Discussion and Action Item:** Regarding initiation of the public involvement process for the FY21-24 Transportation Improvement Program (TIP).
9. **Discussion Item:** Public input received through February 2020.
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 KTMP O 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 KTMP O Meeting processes or happenings;
 - c. KTMP O Current, Past or Future MPO Boundary Studies;
 - d. KTMP O Past or Future Annual Meetings;
 - e. Current, Past or Future KTMP O 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.

The Killeen-Temple Metropolitan Planning Organization is committed to compliance with the Americans with Disabilities Act (ADA). Reasonable accommodations and equal opportunity for effective communications will be provided upon request. Please contact the KTMP O office at 254-770-2200 24 hours in advance if accommodation is needed. (1) Citizens who desire to address the Board on any matter may sign up to do so prior to this meeting. Public comments will be received during this portion of the meeting. Comments are limited to 3 minutes maximum. No discussion or final action will be taken by the Board.

Item 3:

Staff Update

Staff Update: Upcoming Meetings

Listed below are the upcoming meetings for April through May.

- April 1, 2020 – Technical Advisory Committee
- April 15, 2020 – Transportation Planning Policy Board
- April 21, 2020 – Planners Roundtable
- May 13, 2020 – Technical Advisory Committee
- May 20, 2020 – Transportation Planning Policy Board

All meetings are scheduled for 9:30am at the Central Texas Council of Governments offices in Belton, Texas.

Action Needed: No action needed; for discussion only.

Item 4:

Meeting Minutes



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

Wednesday, February 19, 2020

9:30 AM

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

Policy Board Voting Members Present

Chair Mayor Tim Davis – City of Temple
Councilmember Susan Long—City of Temple
Mayor Bradi Diaz—City of Copperas Cove
Mayor Spencer Smith – City of Harker Heights
Mayor Jose Segarra – City of Killeen

Mayor Pro Tem Jim Kilpatrick – City of Killeen
Commissioner Bobby Whitson for Judge David
Blackburn – Bell County
Stan Swiatek – TxDOT Waco District
Carole Warlick—Hill Country Transit District

Policy Board Non-Voting Members Present

Brian Dosa – Fort Hood

Others Present

Ryan Haverlah —City of Copperas Cove
Bobby Lewis – City of Copperas Cove
Cheryl Maxwell – City of Belton
Brynn Myers – City of Temple
Gloria Elder – City of Temple
Danielle Singh – City of Killeen
Keith Sledd – HOTDA
Scott Dukette – Pape-Dawson Engineers

Victor Goebel – TxDOT Waco District
Brenton Lane – TxDOT Waco District
Christi Bonham – TxDOT Waco District
Solomon Thomas – TxDOT
Uryan Nelson – KTMPPO
Kendra Coufal – KTMPPO
James McGill – KTMPPO
Helen Owens – KTMPPO

Meeting Minutes:

- 1. Call to Order:** Mayor Tim Davis called the meeting to order at 9:30 a.m.
- 2. Opportunity for Public Comment:** No comments were made by the public.
- 3. Staff Update:** Advisory Committees; Air Quality; Administrative Amendments.

Uryan Nelson informed the Board that Sydnee has taken a position with NCTCOG and is no longer with CTCOG. James McGill informed the Board about upcoming KTMPPO meetings. Air Quality readings for the month of January were 46 ppb in Killeen and 45 ppb in Temple. Kendra Coufal informed the Board of

several administrative amendments included in the meeting packet that were made to the 2045 MTP and FY19-22 TIP.

4. Action Item: Approve minutes from January 15, 2020 meeting.

Mayor Pro Tem Jim Kilpatrick made a motion to approve the January 15, 2020 meeting minutes, seconded by Mayor Spencer Smith; the motion passed unanimously.

5. Discussion Item: Update on Category 2 projects for TxDOT's 2021 Unified Transportation Plan (UTP).

Victor Goebel gave the Board a brief update on changes being made to TxDOT's 2021 UTP.

6. Discussion Item: Review of the Draft FY21-24 Transportation Improvement Program (TIP).

Kendra Coufal informed TAC that an updated draft FY21-24 TIP is available for review on the KTMPO website. Ms. Coufal also shared the FY21-24 TIP update timeline with the group and requested that comments be sent to her. Carole Warlick requested that the KTMPO statement regarding Hill Country Transit District be included in the TIP.

7. Discussion and Action Item: Resolution No. 2020-02 regarding Safety Performance Measures.

Kendra Coufal informed the Board of KTMPO's required annual readoption of Safety Performance Measures that were brought before the Board at their January meeting. Ms. Coufal requested that based on the TAC's recommendation, the Board approve Resolution 2020-02 regarding Safety Performance Measures.

Carole Warlick made a motion to approve Resolution No. 2020-02 regarding Safety Performance Measures, seconded by Councilmember Susan Long; the motion passed unanimously.

8. Discussion and Action Item: Resolution No. 2020-03 regarding Transit Asset Management/State of Good Repair Performance Measures.

Kendra Coufal informed the Board of KTMPO's required annual readoption of the Transit Performance Measures that were brought before the Board at their January meeting. Ms. Coufal requested that based on the TAC's recommendation, the Board approve Resolution 2020-03 regarding Transit Asset Management and State of Good Repair Performance Measure targets.

Mayor Pro Tem Jim Kilpatrick made a motion to approve Resolution No. 2020-03 regarding Transit Asset Management/State of Good Repair Performance Measures, seconded by Carole Warlick; the motion passed unanimously.

9. Discussion Item: Amendment to the FY20-21 Unified Planning Work Program (UPWP).

Kendra Coufal informed the Board that this item is just for discussion and that the original action to approve is going to be tabled. Ms. Coufal provided a summary of the changes that are being made to the FY20-21 UPWP.

10. Discussion Item: Grant Opportunities.

James McGill informed the Board that a list of grant opportunities is included in the meeting packet and that going forward staff will be continuing to update and provide information on these opportunities.

11. Discussion Item: Public input received through January 2020.

Public input received through January 2020 was presented to the TPPB. No input was received during the designated period.

12. Member Comments:

Mayor Spencer Smith informed the group that Harker Heights just changed their email domain and stated what his new email address is.

13. Adjourn: The meeting adjourned at 9:44 a.m.

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

Mayor Tim Davis, Chair

Uryan Nelson, KTMPO Director

Item 5:

**Action of KTMPO Director and
CTCOG Executive Director
During Time of Emergency or
Disaster**

Action of KTMPO Director and CTCOG Executive Director During Time of Disaster or Emergency

Due to recent events regarding the declaration of a state of emergency, KTMPO proposes an alternative solution to allow KTMPO business to continue moving forward.

KTMPO desires Policy Board approval for the KTMPO Director and the CTCOG Executive Director to take action on KTMPO matters during times of a disaster or emergency declaration which will be ratified by the KTMPO Policy Board following the lifting of the disaster or emergency declaration.

Action Needed: Approve the KTMPO Director and CTCOG Executive Director to take action on KTMPO matters during times of disaster or emergency impacting the KTMPO region.

Item 6:

Amendments to the KTMPO

Policy Board Bylaws

Amendments to the KTMPO Policy Board Bylaws

Due to recent events regarding the declaration of a state of emergency, KTMPO proposes changes to the KTMPO Policy Board bylaws to allow KTMPO business to continue moving forward.

KTMPO desires Policy Board approval regarding the following amendments to the KTMPO Policy Board bylaws:

- In times of a declared disaster or emergency impacting the KTMPO region, the KTMPO Director and CTCOG Executive Director will take action on KTMPO matters which will be ratified by the KTMPO Policy Board following the lifting of the disaster or emergency declaration.
- In times of a declared disaster or emergency impacting the KTMPO region, special called meetings may be held and action taken via conference call with a quorum of fifty-one (51%) of the membership, with a minimum of four (4) membership entities or agencies.

Action Needed: Approve amendments to the KTMPO Policy Board bylaws.

Item 7:

2045 MTP and FY19-22 TIP

Amendments

Amendments to the 2045 MTP and FY19-22 TIP

MTP Background

The MTP is the 25-year long range planning document for KTMPO. 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 the projected funding the MPO expects to receive in the 25-year planning period. The document also lists regionally significant unfunded projects. Projects must be included in the funded section of the MTP in order to receive state or federal funding.

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 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.

Amendments to the 2045 MTP and FY19-22 TIP

Amendments are needed to the MTP and TIP to:

- a) Add Troy Mays Middle School SRTS Project
- b) Update the project description of the Temple Adams/Central Ave Bicycle/Pedestrian Improvements project, T40-15
 - **Original Description:** Installation of on-street bike lane and ADA compliant sidewalks traveling east on Central Avenue and west on Adams Avenue
 - **Revised Description:** Installation of ADA compliant sidewalks traveling east on Central Avenue from 31st Street to 3rd Street and west on Adams Avenue from 3rd Street to 31st Street with tapered connection to existing sidewalks at bridges.
- c) Add SH9 Tank Destroyer Blvd Project
- d) Add language for Safety and Transit performance measure renewal

Schedule:

- March 4, 2020—TAC recommends initiation of public involvement process for MTP and TIP amendments;
- **March 18, 2020—TPPB approves initiation of public involvement process for MTP and TIP amendments;**
- March 21, 2020 - April 4, 2020—15 day public comment period;
 - Public Hearing: March 25, 2020 at 12:00pm and 5:00pm at CTCOG.
- April 4, 2020—TAC recommends approval of proposed amendments, pending any public comments received;
- April 18, 2020—TPPB approves proposed amendments.

TAC recommended approval of initiation of the public involvement process for 2045 MTP and FY19-22 TIP amendments at their March 4, 2020 meeting.

Action Needed: Approve initiation of public involvement process for 2045 MTP and FY19-22 TIP amendments.

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	Bell	0909-36-180	VA	Jun-22	C, E	Troy	Troy	\$277,571
LIMITS FROM:	On Lee Mays Blvd. and Luther Curtis Rd.					REVISION DATE:	May-20	
LIMITS TO:	Raymond Mays Middle School					MPO ID:		
DESCRIPTION:	Construct ~0.2 miles of accessible sdiewalks with crosswalks and ADA ramps.					FUNDING CATEGORY:	9 SRTS	
REMARKS:	Project Name: Troy - Mays Middle School SRTS					PROJECT HISTORY:	TxDOT 2019 SRTS Selection; Funding award approved through Transportation Commission minute order 115662 - January 30, 2020	
TOTAL PROJECT COST INFORMATION:			COST OF APPROVED PHASES:			AUTHORIZED FUNDING BY CATEGORY:		
PRELIMINARY ENGINEERING:	\$73,991			CATEGORY:	FEDERAL:	STATE:	LOCAL:	TOTAL:
RIGHT OF WAY:				9 SRTS	\$277,571		\$0	\$277,571
CONSTRUCTION:	\$200,817							
CONSTRUCTION ENGINEERING:	\$2,763	\$277,571		TOTAL	\$277,571		\$0	\$277,571
CONTINGENCIES:	\$2,654							
INDIRECTS:								
BOND FINANCING:								
TOTAL PROJECT COST (YOE):	\$280,226							

K40-27 ¹	0836-02-073	SH 195	0.1 mi N of FM 3470 to 0.1 mi S of FM 3470	Turnaround underpass for northbound and southbound traffic on SH 195 frontage roads and FM 3470 (Stan Schlueter)	42.68	41	7	\$800,000	2019	Yes	EJ	FY18-20 Category 7 Funds: \$11,976,956
H35-01	0231-03-147	US 190 at FM 2410	East Central Tx Expy W to East Central Tx Expy E	Construction of a west to east turnaround at FM 2410	67.11	6	8	\$5,000,000	2020	Yes	N/A	
T40-12	1835-02-058	31st St Sidewalks (FM 1741)	Marlandwood Rd to Canyon Creek Rd	Installation of 6 ft sidewalks on both sides of FM 1741	94.35	1	1	\$500,000	2019	Yes	N/A	
T40-15	0184-03-039 0232-01-053	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	IH-35 to MLK Jr Blvd (Spur 290)	Construct ADA compliant sidewalks	92.00	2	2	\$1,300,000	2019	Yes	EJ, H	
C40-05	3128-01-013 3131-01-007	FM 116 & 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 @ RG III Blvd	Construct shared use path for bicycle and pedestrian use	70.32	11	6	\$170,000	2020	No	EJ, H	
S40-04a	2136-01-020	Main St Sidewalks Phase 1	Salado Plaza Dr to College Hill Dr (North End)	Main St. improvements to include lighting, sidewalks, and striping for bicycles	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	FY21-22 Category 7 Funds: 13,002,000
T40-07a	0909-36-138	Temple Outer Loop West-Phase I	522 ft S of Jupiter Dr to 20 ft N of Riverside Trail	Widen from 2 to 4 lane divided roadway with a curb and gutter, Phase 1	64.67	17	4	\$10,298,198	2021	No	P, H	
N40-04	0909-36-167	Nolanville City Park Connectivity	Park (North Mesquite) along Ave H to 10th St	Construct ADA compliant sidewalks, ramps, and crosswalks	72.34	6	3	\$1,558,802	2021	No	P	
A45-01	0909-36-170	HCTD Fleet Replacement Project	Hill Country Transit, Killeen UZA-Two, Temple UZA-One	Purchase Buses to Provide Transportation	N/A	N/A	N/A	\$1,145,000	2021	N/A	N/A	
COMBINED CATEGORY 7 AND MPO CATEGORY 9 PROJECTS												
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
C40-04a	0909-39-131	The Narrows (Constitution Drive)	Constitution Dr from Bowen Ave to 0.2 mi S Martin Luther King Jr. Blvd	Construction of sidewalks for bicycle and pedestrian use	72.78	8	9	\$850,000	2020	No	EJ,H	FY 18-20 Category 7 (\$360,000) and Category 9 (\$490,000): \$850,000
MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)												
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
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	EJ, ARZ	FY15-17 Category 9 Funds: \$800,000
C40-04b	0909-39-132	The Narrows (RG III at Old Copperas Cove Rd)	RG III Blvd from Constitution Dr to Old Copperas Cove Rd at Constitution Dr	Construct sidewalks for bicycle and pedestrian use	70.87	9	10	\$680,000	2020	No	EJ, 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 Rd (FM 817)	Construct 5 ft sidewalks on the north side of 13th Ave from Main St to Woodall; Transition to 10 ft SUP from Woodall to Waco Rd	72.16	7	4	\$423,611	2022	No	P	FY21-22 Category 9 Funds: \$423,611
STATEWIDE CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE SET-ASIDE PROGRAM)												
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
B40-04	0909-36-157	Chisholm Trail Corridor Hike and Bike Facility Phase II	University Blvd 0.25 mi. south of Crusader Way to Tiger Dr 0.10 mi. north of Sparta Rd	Construct sidewalks and shared use path--widths vary from 8 ft to 10 ft; includes landscaping and lighting.	N/A	N/A	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	Platinum Dr to Chaparral Rd	Construct shared use path for pedestrians and bicyclists	N/A	N/A	N/A	\$3,448,284	2017	No	EJ, ARZ	
B40-05	0909-36-163	Belton Hike and Bike Trail Extension South (South Belton Shared Use Path)	IH-35 from FM 436 to Confederate Park Dr	Construct 12 ft wide hike and bike trail. Project will extend along FM 436, IH-35 northbound frontage road and Confederate Park Drive.	N/A	N/A	N/A	\$1,790,570	2020	No	EJ, P	FY17 TASA Funds: \$1,790,570
	0909-36-180	Troy - Mays Middle School SRTS	On Lee Mays Blvd and Luther Curtis Rd to Raymond Mays Middle School	Construct 0.2 miles of accessible sidewalks with crosswalks and ADA ramps.	N/A	N/A	N/A	\$277,571	2022	No	N/A	FY20 SRTS Funds: \$277,571
GROUPED PROJECTS												
KTMPO 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						

HIGHWAY PROJECT LISTING

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

FY 2019

							PROJECT SPONSOR	YOE COST
DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY		
WACO	Bell	0184-03-039	SH 53	2019	C	Temple	Temple	\$1,492,174
LIMITS FROM:	IH 35					REVISION DATE:	Jul-18	
LIMITS TO:	Spur 290					MPO ID:	T40-15	
DESCRIPTION:	Installation of on-street bike lane and ADA compliant sidewalks traveling east on Central Avenue and west on Adams Avenue.					FUNDING CATEGORY:	7	
						PROJECT HISTORY:		
REMARKS: August 2017 KTMPO selected projects						Adams Avenue Project		
TOTAL PROJECT COST INFORMATION:			COST OF APPROVED PHASES:	AUTHORIZED FUNDING BY CATEGORY:				
PRELIMINARY ENGINEERING:	\$78,300			CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT: TOTAL:
RIGHT OF WAY:	\$0			7	\$1,193,739	\$298,435		\$1,492,174
CONSTRUCTION:	\$1,492,174	\$1,492,174		TOTAL	\$1,193,739	\$298,435	\$0	\$0 \$1,492,174
CONSTRUCTION ENGINEERING:	\$78,000							
CONTINGENCIES:	\$18,000							
INDIRECTS:	\$0							
BOND FINANCING:	\$0							
TOTAL PROJECT COST (YOE):		\$1,666,474						

HIGHWAY PROJECT LISTING

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

FY 2019

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY		PROJECT SPONSOR	YOE COST
WACO	Bell	0184-03-039	SH 53	2019	C	Temple		Temple	\$1,492,174
LIMITS FROM:	IH 35					REVISION DATE:	Jul-18		
LIMITS TO:	Spur 290					MPO ID:	T40-15		
DESCRIPTION:	Installation of ADA compliant sidewalks traveling east on Central Avenue from 31st Street to 3rd Street and west on Adams Avenue from 3rd Street to 31st Street with tapered connection to existing sidewalks at bridges					FUNDING CATEGORY:	7		
						PROJECT HISTORY:			
REMARKS:	August 2017 KTMO selected projects					Adams Avenue Project			
TOTAL PROJECT COST INFORMATION:			COST OF APPROVED PHASES:	AUTHORIZED FUNDING BY CATEGORY:					
PRELIMINARY ENGINEERING:	\$78,300			CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT:	TOTAL:
RIGHT OF WAY:	\$0			7	\$1,193,739	\$298,435			\$1,492,174
CONSTRUCTION:	\$1,492,174	\$1,492,174		TOTAL	\$1,193,739	\$298,435	\$0	\$0	\$1,492,174
CONSTRUCTION ENGINEERING:	\$78,000								
CONTINGENCIES:	\$18,000								
INDIRECTS:	\$0								
BOND FINANCING:	\$0								
TOTAL PROJECT COST (YOE):	\$1,666,474								

HIGHWAY PROJECT LISTING

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

FY 2019

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Bell	0232-01-053	SH 53	2019	C	Temple	Temple	\$800,000
LIMITS FROM:	Spur 290					REVISION DATE:	Jul-18	
LIMITS TO:	Martin Luther King Jr., Blvd					MPO ID:	T40-15	
DESCRIPTION:	Installation of on-street bike lanes and ADA compliant sidewalks traveling east on Central Avenue and west on Adams Avenue.					FUNDING CATEGORY:	7	
REMARKS:	August 2017 KTMPO selected projects					PROJECT HISTORY:		
TOTAL PROJECT COST INFORMATION:			COST OF APPROVED PHASES:	AUTHORIZED FUNDING BY CATEGORY:				
PRELIMINARY ENGINEERING:	\$22,000			CATEGORY: 7	FEDERAL: \$336,696	STATE: \$84,174	LOCAL:	LOCAL CONT: TOTAL: \$420,870
RIGHT OF WAY:	\$0							
CONSTRUCTION:	\$420,870	\$420,870						
CONSTRUCTION ENGINEERING:	\$22,000			TOTAL	\$336,696	\$84,174	\$0	\$0 \$420,870
CONTINGENCIES:	\$5,000							
INDIRECTS:	\$0							
BOND FINANCING:	\$0							
TOTAL PROJECT COST (YOE):	\$469,870							

HIGHWAY PROJECT LISTING

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

FY 2019

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Bell	0232-01-053	SH 53	2019	C	Temple	Temple	\$800,000
LIMITS FROM:	Spur 290					REVISION DATE:	Jul-18	
LIMITS TO:	Martin Luther King Jr., Blvd					MPO ID:	T40-15	
DESCRIPTION:	Installation of ADA compliant sidewalks traveling east on Central Avenue from 31st Street to 3rd Street and west on Adams Avenue from 3rd Street to 31st Street with tapered connection to existing sidewalks at bridges					FUNDING CATEGORY:	7	
REMARKS:	August 2017 KTMPO selected projects					PROJECT HISTORY:		
TOTAL PROJECT COST INFORMATION:			COST OF APPROVED PHASES:	AUTHORIZED FUNDING BY CATEGORY:				
PRELIMINARY ENGINEERING:	\$22,000			CATEGORY: 7	FEDERAL: \$336,696	STATE: \$84,174	LOCAL:	LOCAL CONT: TOTAL: \$420,870
RIGHT OF WAY:	\$0							
CONSTRUCTION:	\$420,870	\$420,870						
CONSTRUCTION ENGINEERING:	\$22,000			TOTAL	\$336,696	\$84,174	\$0	\$0 \$420,870
CONTINGENCIES:	\$5,000							
INDIRECTS:	\$0							
BOND FINANCING:	\$0							
TOTAL PROJECT COST (YOE):	\$469,870							

K40-27 ¹	0836-02-073	SH 195	0.1 mi N of FM 3470 to 0.1 mi S of FM 3470	Turnaround underpass for northbound and southbound traffic on SH 195 frontage roads and FM 3470 (Stan Schlueter)	42.68	41	7	\$800,000	2019	Yes	EJ	FY18-20 Category 7 Funds: \$11,976,956
H35-01	0231-03-147	US 190 at FM 2410	East Central Tx Expy W to East Central Tx Expy E	Construction of a west to east turnaround at FM 2410	67.11	6	8	\$5,000,000	2020	Yes	N/A	
T40-12	1835-02-058	31st St Sidewalks (FM 1741)	Marlandwood Rd to Canyon Creek Rd	Installation of 6 ft sidewalks on both sides of FM 1741	94.35	1	1	\$500,000	2019	Yes	N/A	
T40-15	0184-03-039 0232-01-053	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	IH-35 to MLK Jr Blvd (Spur 290)	Installation of ADA compliant sidewalks traveling east on Central Avenue from 31st Street to 3rd Street and west on Adams Avenue from 3rd Street to 31st Street with tapered connections to existing sidewalks at bridges	92.00	2	2	\$1,300,000	2019	Yes	EJ, H	
C40-05	3128-01-013 3131-01-007	FM 116 & 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 @ RG III Blvd	Construct shared use path for bicycle and pedestrian use	70.32	11	6	\$170,000	2020	No	EJ, H	
S40-04a	2136-01-020	Main St Sidewalks Phase 1	Salado Plaza Dr to College Hill Dr (North End)	Main St. improvements to include lighting, sidewalks, and striping for bicycles	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	FY21-22 Category 7 Funds: 13,002,000
T40-07a	0909-36-138	Temple Outer Loop West-Phase I	522 ft S of Jupiter Dr to 20 ft N of Riverside Trail	Widen from 2 to 4 lane divided roadway with a curb and gutter, Phase 1	64.67	17	4	\$10,298,198	2021	No	P, H	
N40-04	0909-36-167	Nolanville City Park Connectivity	Park (North Mesquite) along Ave H to 10th St	Construct ADA compliant sidewalks, ramps, and crosswalks	72.34	6	3	\$1,558,802	2021	No	P	
A45-01	0909-36-170	HCTD Fleet Replacement Project	Hill Country Transit, Killeen UZA-Two, Temple UZA-One	Purchase Buses to Provide Transportation	N/A	N/A	N/A	\$1,145,000	2021	N/A	N/A	
COMBINED CATEGORY 7 AND MPO CATEGORY 9 PROJECTS												
KTMO 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 bicycle and pedestrian use	72.78	8	9	\$850,000	2020	No	EJ,H	FY 18-20 Category 7 (\$360,000) and Category 9 (\$490,000): \$850,000
MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)												
KTMO 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 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	EJ, ARZ	FY15-17 Category 9 Funds: \$800,000
C40-04b	0909-39-132	The Narrows (RG III at Old Copperas Cove Rd)	RG III Blvd from Constitution Dr to Old Copperas Cove Rd at Constitution Dr	Construct sidewalks for bicycle and pedestrian use	70.87	9	10	\$680,000	2020	No	EJ, 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 Rd (FM 817)	Construct 5 ft sidewalks on the north side of 13th Ave from Main St to Woodall; Transition to 10 ft SUP from Woodall to Waco Rd	72.16	7	4	\$423,611	2022	No	P	FY21-22 Category 9 Funds: \$423,611
STATEWIDE CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE SET-ASIDE PROGRAM)												
KTMO 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 Hike and Bike Facility Phase II	University Blvd 0.25 mi. south of Crusader Way to Tiger Dr 0.10 mi. north of Sparta Rd	Construct sidewalks and shared use path--widths vary from 8 ft to 10 ft; includes landscaping and lighting.	N/A	N/A	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	Platinum Dr to Chaparral Rd	Construct shared use path for pedestrians and bicyclists	N/A	N/A	N/A	\$3,448,284	2017	No	EJ, ARZ	
B40-05	0909-36-163	Belton Hike and Bike Trail Extension South (South Belton Shared Use Path)	IH-35 from FM 436 to Confederate Park Dr	Construct 12 ft wide hike and bike trail. Project will extend along FM 436, IH-35 northbound frontage road and Confederate Park Drive.	N/A	N/A	N/A	\$1,790,570	2020	No	EJ, P	FY17 TASA Funds: \$1,790,570
	0909-36-180	Troy - Mays Middle School SRTS	On Lee Mays Blvd and Luther Curtis Rd to Raymond Mays Middle School	Construct 0.2 miles of accessible sidewalks with crosswalks and ADA ramps.	N/A	N/A	N/A	\$277,571	2022	No	N/A	FY20 SRTS Funds: \$277,571

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	Coryell	3623-01-004	SH 9	2021	C	Copperas Cove	Copperas Cove	\$5,015,690
LIMITS FROM: Old Georgetown Road						REVISION DATE: May-20		
LIMITS TO: BNSF Railway						MPO ID:		
DESCRIPTION: Construct exit ramp to Tank Destroyer Blvd and entrance ramp from Old Georgetown Rd.						FUNDING CATEGORY: 3		
REMARKS:						PROJECT HISTORY:		
TOTAL PROJECT COST INFORMATION:			COST OF APPROVED PHASES:		AUTHORIZED FUNDING BY CATEGORY:			
PRELIMINARY ENGINEERING:	\$246,000				CATEGORY: 3	FEDERAL:	STATE:	LOCAL: \$5,015,690
RIGHT OF WAY:	\$0							LOCAL CONT: \$5,015,690
CONSTRUCTION:	\$5,015,690	\$5,015,690						TOTAL: \$5,015,690
CONSTRUCTION ENGINEERING:	\$262,300				TOTAL			\$5,015,690
CONTINGENCIES:	\$128,600							
INDIRECTS:	\$0							
BOND FINANCING:	\$0							
TOTAL PROJECT COST (YOE):	\$5,652,590							

Other Project												
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
C45-01	N/A	Fort Hood Access Ramps	SH 9 @ Tank Destroyer Blvd	Construct access ramps from SH 9 to Tank Destroyer Blvd	N/A	N/A	N/A	N/A	N/A	Yes	—	
GROUPED PROJECTS												
KTMPO 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						

Transit Asset Management/State of Good Repair Performance Measures:

The Transit Asset Condition Performance Rule, found in 49 CFR 625.43(a,b,c,d), establishes performance measures to assess the condition of regional transit networks as defined as State of Good Repair (SGR) and documented in a transit agency's Transit Asset Management Plan (TAMP). SGR targets measure system performance and evaluate how well a transit system is performing.

Hill Country Transit District (HCTD) serves as the transit operator and designated recipient for federal transit funding within the urban service area. As required by January 1, 2017, HCTD established State of Good Repair performance targets and objectives for both their urban and rural systems in their TAMP. The TAMP covers all fleet vehicles, as well as other capital assets to include equipment, rolling stock, infrastructure, and facilities. The performance target is to have less than 5% of the assets within each group exceed their useful life. In June 2017, KTMPO Policy Board adopted the urban and rural performance targets identified in the HCTD TAMP as the MPO performance targets for the region. KTMPO Policy Board also agreed that future revisions may be necessary to ensure consistency with the performance targets that HCTD establishes and, therefore, any future revisions to the TAMP be administratively approved by KTMPO staff and brought to the attention of both TAC and TPPB. On January 16, 2019, the TPPB approved to continue supporting the previously set transit targets. **On February 19, 2020, the TPPB approved again to continue supporting the previously set transit targets.**

The inclusion of transit projects located in both the TIP and MTP are intended to support HCTD in achieving the SGR performance measures for the regional transportation system.

Safety Performance Measures:

The Safety Performance Rule (PM1), found in 23 CFR 490.207(a1-5), establishes safety performance measures to address fatalities and serious injuries on roadways and is evaluated using Fatality Analysis Reporting System (FARS) and Vehicular Miles Traveled (VMT) estimates. This Rule is to better invest transportation funding for safety improvement projects in order to support safe roadway networks.

TxDOT sets safety performance targets for five federally required safety performance measures. These targets include number of fatalities, fatalities per million miles traveled, number of serious injuries, serious injuries per million vehicle miles traveled, and number of non-motorized fatalities and non-motorized serious injuries. These targets include a reduction of both fatalities and fatality rate by 2% over current baseline forecast, a reduction in incapacitating injuries by 2% over current baseline forecast, maintain the current downward trend in the incapacitating injury rate, and a reduction of non-motorized fatalities and non-motorized incapacitating injuries by 2% over current baseline forecast. On January 17, 2018, KTMPO Policy Board approved to support the State's safety performance measures. On January 16, 2019, the TPPB approved to continue supporting the previously set safety targets. **On February 19, 2020, the TPPB approved again to continue supporting the previously set safety targets.**

Item 8:
Draft FY21-24 TIP

Draft FY21-24 Transportation Improvement Program (TIP)

The Transportation Improvement Program (TIP) is a 4-year transportation planning document that includes a detailed listing of projects reasonably expected to begin within a four-year period. The TIP is to be updated every two years with the last update occurring in 2018. 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. Using 2020 Unified Transportation Plan (UTP) forecasts, Districts, Divisions, and MPOs prepare TIPs, Financial Summaries, MTPs, and Conformity Analysis. TxDOT and KTMPO have begun the coordination process for these tasks and have included a Draft FY21-24 TIP on the KTMPO website for review. After public involvement has been completed and final revisions are made, the approved FY21-24 TIP will be submitted to TxDOT on June 1, 2020.

Schedule:

- January 8, 2020- TAC review of draft FY21-24 TIP; for discussion only;
- January 15, 2020- TPPB review of draft FY21-24 TIP; for discussion only;
- February 12, 2020—TAC review of updated draft FY21-24 TIP; for discussion only;
- February 19, 2020—TPPB review of updated draft FY21-24 TIP; for discussion only;
- March 4, 2020—TAC recommends approval of draft FY21-24 TIP and initiates public involvement process;
- **March 18, 2020—TPPB approves draft FY21-24 TIP and initiates public involvement process;**
- March 21, 2020 - April 19, 2020—30 day public comment period;
 - Public Hearings; March 25, 2020 at 12:00pm and 5:00pm at CTCOG.
- May 6, 2020—TAC recommends approval of FY21-24 TIP;
- May 20, 2020—TPPB approves FY21-24 TIP;
- June 1, 2020—KTMPO submits FY21-24 TIP to TxDOT.

TAC recommended approval of the draft FY21-24 TIP and the initiation of the public involvement process at their March 4, 2020 meeting.

Action Needed: Approve the draft FY21-24 TIP and the initiation of the public involvement process.

Item 9:

Public Input

Public Input Received

KTMP has been collecting public comments received online, via emails, public hearings, meetings, social media accounts, web maps and other forms of communication. Staff bring these to the TAC and TPPB on a regular basis to ensure the MPO boards are aware of public concerns and have the opportunity to respond accordingly. Public input received through February 2020 is included in meeting packet.

Action Needed: No action needed; for discussion only.



KTMPO Public Comments

FY20

Date	Name	Means of Public Comment	Public Comment	Date Comment Was Presented to TAC	Public Comment Topic	Jurisdiction

Grant Opportunities

- **Grants for Buses and Bus Facilities Program:**

Deadline March 30, 2020

Federal Transit Administration:

The purpose of this grant is to assist in the financing of buses and bus facilities capital projects, including replacing, rehabilitating, purchasing or leasing buses or related equipment, and rehabilitating, purchasing, constructing or leasing bus-related facilities.

Estimated Funding Available: \$454,600,000

Award Match: 80/20 (may exceed for certain projects)

No minimum or maximum funding limits

<https://www.transit.dot.gov/funding/applying/notices-funding/grants-buses-and-bus-facilities-fy2020-notice-funding>

- **Grants for Buses and Bus Facilities Program:**

Deadline May 4, 2020

Federal Transit Administration:

The HOPE Program supports projects that will improve transit services or facilities in areas of persistent poverty through planning, engineering, or development of technical, or financing plans for projects. The program's main goals are reducing fatality rates on rural transportation infrastructure and to increase access to jobs and healthcare through enhanced transit options and improved facilities.

Estimated Funding Available: \$8,500,000

Award Match: 90/10 (minimum)

Award Max: \$850,000

<https://www.transit.dot.gov/HOPE>

- **BUILD Transportation Discretionary Grant:**

Deadline May 18, 2020

Department of Transportation:

The purpose of the BUILD grant program is to improve the nation's surface transportation infrastructure. The grant prefers to support infrastructure projects that have significant local or regional impact.

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

Minimum Funding Limit: \$1,000,000 (rural); \$5,000,000 (urban)

Maximum Funding Limit: \$25,000,000

<https://www.transportation.gov/buildgrants/build-nofo>

- **Texas Volkswagen Environmental Mitigation Program:**

Deadline first come first served

Texas Commission on Environmental Quality (TCEQ):

The purpose of this grant is to replace or repower local freight and port drayage trucks. Any person or entity who operates an eligible local freight or port drayage truck at least 51% of the vehicle's annual mileage in one of the Priority Areas is potentially eligible to apply for the grant. Bell County is one of the Priority Areas. More information can be found at the below website.

Estimated Funding Available: \$33,000,000

<https://www.tceq.texas.gov/news/releases/texas-volkswagen-environmental-mitigation-program-accepting-applications>

Websites:

Grants.Gov: <https://www.grants.gov/>

TxDOT: <https://www.txdot.gov/government/funding.html>

FTA: <https://www.transit.dot.gov/funding/grants/grant-programs>

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Commonly Used Transportation Related Acronyms and Terms

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

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

2045 MTP Project Listing



2045 Metropolitan Transportation Plan Project Listing

Short Range Funded (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)

KTMO 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	2304-02-036 2304-02-040	FM 2410	Roy Reynolds Dr to Commercial Dr	Widen from 2 to 4 lane roadway with sidewalks, median and turn lanes incorporating context sensitive design	N/A	N/A	N/A	\$8,800,000	2017	Yes	N/A	FY15-FY17 MPO Proposition 1: \$17,800,000
W40-02	0231-03-143	US 190	1.0 mi W of FM 2410 to FM 3423 (Indian Trail)	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	Knights Way 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	FY18-20 Category 2: \$84,000,000
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 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	
W40-05	0231-04-060	US 190	FM 2410 in W Belton to IH-35	Widen main lanes from 4 to 6 lanes and resurface	83.79	3	3	\$35,000,000	2020	Yes	EJ	
W40-04a (1)	2502-01-021	Loop 121 Phase 1a	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	EJ, H, P	FY21-22 Category 2: \$127,350,000
W35-07	0320-06-008	NW Loop 363	Lucius McCelvey Dr 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	Lampasas County Line to US 190 W of Clarke Rd.	Widen from two lanes to four lanes divided and construct interchange	68.27	9	2	\$48,150,000	2021	Yes	L, H,	
W45-01	0231-03-152	IH 14 Advanced Traffic Management System	Coryell County Line to FM 3423 (Indian Trail)	Construction of fiber optics, traffic cameras and Dynamic Message Boards	73.33	2	11	\$6,200,000	2020	Yes	EJ, L, H	

COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS

KTMO 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)

KTMO 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 (Rogers Relief Route)	2.0 mi S of FM 436 in Heidenheimer to Milam County Line	Widen from 2 to 4 lane divided rural highway	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)

KTMO 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	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	FY15-17 Category 7 Funds: \$15,530,684
K30-02	0909-36-156	Rosewood Dr Extension	Riverstone Dr to Chaparral Dr	Construction of a 4 lane roadway with center median and an off-system bridge	38	4	6	\$7,965,049	2018	No	EJ, ARZ	
N40-01	2057-01-009	Main St Connectivity	Ave I to US 190 Frontage Rd	Construct ADA bicycle and pedestrian pathways along Main St and under US 190	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 Rd	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	0836-02-073	SH 195	0.1 mi N of FM 3470 to 0.1 mi S of FM 3470	Turnaround underpass for northbound and southbound traffic on SH 195 frontage roads and FM 3470 (Stan Schlueter)	42.68	41	7	\$800,000	2019	Yes	EJ	FY18-20 Category 7 Funds: \$11,976,956
H35-01	0231-03-147	US 190 at FM 2410	East Central Tx Expy W to East Central Tx Expy E	Construction of a west to east turnaround at FM 2410	67.11	6	8	\$5,000,000	2020	Yes	N/A	
T40-12	1835-02-058	31st St Sidewalks (FM 1741)	Marlandwood Rd to Canyon Creek Rd	Installation of 6 ft sidewalks on both sides of FM 1741	94.35	1	1	\$500,000	2019	Yes	N/A	
T40-15	0184-03-039 0232-01-053	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	IH-35 to MLK Jr Blvd (Spur 290)	Construct shared use path for bicycle and pedestrian use	92.00	2	2	\$1,300,000	2019	Yes	EJ, H	
C40-05	3128-01-013 3131-01-007	FM 116 & 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 @ RG III Blvd	Construct shared use path for bicycle and pedestrian use	70.32	11	6	\$170,000	2020	No	EJ, H	
S40-04a	2136-01-020	Main St Sidewalks Phase 1	Salado Plaza Dr to College Hill Dr (North End)	Main St. improvements to include lighting, sidewalks, and striping for bicycles	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	FY21-22 Category 7 Funds: 13,002,000
T40-07a	0909-36-138	Temple Outer Loop West-Phase I	522 ft S of Jupiter Dr to 20 ft N of Riverside Trail	Widen from 2 to 4 lane divided roadway with a curb and gutter, Phase 1	64.67	17	4	\$10,298,198	2021	No	P, H	
N40-04	0909-36-167	Nolanville City Park Connectivity	Park (North Mesquite) along Ave H to 10th St	Construct ADA compliant sidewalks, ramps, and crosswalks	72.34	6	3	\$1,558,802	2021	No	P	
A45-01	0909-36-170	HCTD Fleet Replacement Project	Hill Country Transit, Killeen UZA- Two, Temple UZA-One	Purchase Buses to Provide Transportation	N/A	N/A	N/A	\$1,145,000	2021	N/A	N/A	

COMBINED CATEGORY 7 AND MPO CATEGORY 9 PROJECTS

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
C40-04a	0909-39-131	The Narrows (Constitution Drive)	Constitution Dr from Bowen Ave to 0.2 mi S Martin Luther King Jr. Blvd	Construction of sidewalks for bicycle and pedestrian use	72.78	8	9	\$850,000	2020	No	EJ,H	FY 18-20 Category 7 (\$360,000) and Category 9 (\$490,000): \$850,000

MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)

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
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	EJ, ARZ	FY15-17 Category 9 Funds: \$800,000
C40-04b	0909-39-132	The Narrows (RG III at Old Copperas Cove Rd)	RG III Blvd from Constitution Dr to Old Copperas Cove Rd at Constitution Dr	Construct sidewalks for bicycle and pedestrian use	70.87	9	10	\$680,000	2020	No	EJ, 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 Rd (FM 817)	Construct 5 ft sidewalks on the north side of 13th Ave from Main St to Woodall; Transition to 10 ft SUP from Woodall to Waco Rd	72.16	7	4	\$423,611	2022	No	P	FY21-22 Category 9 Funds: \$423,611

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

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
B40-04	0909-36-157	Chisholm Trail Corridor Hike and Bike Facility Phase II	University Blvd 0.25 mi. south of Crusader Way to Tiger Dr 0.10 mi. north of Sparta Rd	Construct sidewalks and shared use path--widths vary from 8 ft to 10 ft; includes landscaping and lighting.	N/A	N/A	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	Platinum Dr to Chaparral Rd	Construct shared use path for pedestrians and bicyclists	N/A	N/A	N/A	\$3,448,284	2017	No	EJ, ARZ	
B40-05	0909-36-163	Belton Hike and Bike Trail Extension South (South Belton Shared Use Path)	IH-35 from FM 436 to Confederate Park Dr	Construct 12 ft wide hike and bike trail. Project will extend along FM 436, IH-35 northbound frontage road and Confederate Park Drive.	N/A	N/A	N/A	\$1,790,570	2020	No	EJ, P	FY17 TASA Funds: \$1,790,570

GROUPED PROJECTS						
KTMPO 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
G03-MT	Various CSJs	Maintenance Projects	Various Locations	Various Descriptions	\$37,602,002	\$20,009,216
G04-BR	Various CSJs	Bridge Projects	Various Locations	Various Descriptions	\$3,125,284	\$1,400,000
G06-SA	Various CSJs	Safety Projects	Various Locations	Various Descriptions	\$497,599	\$2,690,079

Proposed Roadway, Transportation Choices/Livability,Transit, and Preventative Maintenance Projects												
ROADWAY PROJECTS ⁷												
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 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 ft sidewalks	64.81	16	3	\$8,794,843	2025/2026	Yes	EJ, H, P	Short Range Funding: \$46,096,645
T40-07b	0909-36-174	Temple Outer Loop West Phase II	454 ft South of Dove Meadow Blvd to IH-35 S	Widen from 2 to 4 lane divided roadway with a curb and gutter; includes hike and 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/pedestrian facilities.	59.99	27	5	\$23,000,000	2023	No	EJ, H	
D40-01	N/A	North Waco Rd (Old 81)	West Main St to West Big Elm Rd	Widen from 2 to 4 lanes, with curb, gutter, and 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 Nolanville Rd	Create a two lane road section with a curb, gutter, and left turn lane at a future school; 6 ft sidewalk on west side and a 10 ft wide hike and bike path on east side	48.17	50	7	\$8,968,950	2025	No	H	Long Range Funding: \$378,524,579
N40-03	N/A	Old Nolanville Road Bridge Expansion and Bike/Pedestrian Project	Bridge on Old Nolanville Rd to US 190/IH 14	Reconstruct bridge on Old Nolanville 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	Salado West Village Road Capacity and Enhancement Project	Thomas Arnold Rd to IH-35	Widen roadway, add turn lanes and bicycle/pedestrian facilities	36.45	66	9	\$300,500	2028	No	—	
T15-06k	0015-14-109	IH 35	US 190/IH 14 to Loop 363	Reconstruct and widen to 8 lanes	78.27	1	10	\$129,700,000	2029	Yes	EJ, H	
C35-02ab ⁵	0724-01-055	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	0184-02-055	SH 36	SH 317 to Lake Belton Bridge	Widen from 2 to 4 lane divided roadway	71.63	5	13	\$36,715,000	2026	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	2027	No	EJ	
H45-03	3409-01-007	FM 3481 (Stillhouse Lake Rd) Phase 1	Prospector Trail to Proposed Chaparral Rd Intersection	Widen roadway from 2 to 4 lanes with a continous center turn lane and sidewalks	69.33	7	15	\$6,566,500	2026/2027	No	H, ARZ, P	
W30-23	0184-04-051	US 190/Loop 363	Spur 290 to SH 95	Upgrade to 4 lane freeway with continous frontage roads and grade separation at MLK Blvd	68.36	8	16	\$16,784,000	2025	Yes	EJ	
C30-03a	N/A	Business US 190 - Phase II	FM 1113 (Ave D) to FM 116 South	Convert the center turn lane to a controlled left turn lane with raised median, maintain the two existing travel lanes, add curb, gutter, and bike lanes on both sides of the roadway, 6 ft sidewalk on the south side and pedestrian crossings with curb ramps at street intersections	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 continous turn lane, curb, gutter and sidewalks	66.35	12	19	\$5,561,600	TBD		—	
W30-13	N/A	FM 2484	FM 1670 to IH-35	Widen from 2 to 4 lane divided roadway	65.99	13	20	\$3,147,000	TBD	No	P	
W30-21	N/A	Loop 363 at FM 2305 (Adams Ave) Reconfiguration	Intersection of Loop 363 and FM 2305 (Adams Ave)	Reconstruct interchange at FM 2305 (Adams Ave) and Loop 363	65.45	14	21	\$18,000,000	TBD	Yes	EJ	
K40-24	N/A	Featherline Dr	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 Dr	65.00	15	22	\$9,000,000	2025	No	EJ	
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	—	
T35-36a	N/A	S 1st Street/Spur 290 Improvements	SE Loop 363 to Ave M	Widen from 4 lane undivided to 4 lane divided roadway with a curb, gutter and hike and bike trails to incorporate multimodal design	64.45	19	24	\$8,500,000	TBD	Yes	EJ	
K40-11	N/A	WS Young Dr	Mall Dr to AJ Hall Blvd	Add turn lane and relocate traffic signal at Mall Dr to AJ Hall Blvd	64.09	20	25	\$4,889,549	TBD	Yes	EJ	
N40-06	N/A	Nolanville Railroad Crossing Safety	Pleasant Hill Cemetary Rd to Jack Rabbit Road (4 RR Crossings)	Upgrade crossings for better connections and safety	63.18	21	26	\$500,000	TBD	No	—	
D40-03	N/A	Old TX 81 - Phase I	FM 1237 to Loves Overpass	Widen roadway from 2 to 4 lanes with bicycle lanes, a curb and gutter	61.55	22	27	\$3,500,000	TBD	No	H	
H45-04	N/A	FM 3481 (Stillhouse Lake Rd) Phase 2	Proposed Chaparral Rd Intersection to South City Limits	Widen roadway from 2 to 4 lanes with a continuous center turn lane and sidewalks	60.84	24	28	\$6,306,620	TBD	No	H, ARZ, P	
K40-16	N/A	East Trimmier Rd Improvements	Stagecoach Rd to Chaparral Rd	Widen roadway from 2 to 4 lanes with a continuous center turn lane, sidewalks and bicycle 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/IH-14	Reduce roadway profile, install curb and gutter; add access management/driveway control, drainage improvements, sidewalks, medians and other context sensitive solutions	60.19	26	30	\$5,000,000	TBD	No	EJ, L, H	
B40-10	N/A	FM 1670	US 190 to Three Creeks Blvd	Widen from 2 to 4 lane roadway with a 10 ft hike and bike trail	59.45	28	31	\$5,643,360	TBD	No	EJ, H	
W35-02	N/A	SH 195 at FM 3470 (SS Loop) Reconstruction	Intersection of SH 195 at FM 3470 (Stan Schlueter Loop)	Upgrade interchange	59.17	29	32	\$52,450,000	TBD	Yes	EJ	

T45-16	N/A	S 1st Street Extension	Loop 363/US 190 to Blackland Rd	Constuct arterial thoroughfare with street trees, sidewalks and bike lanes.	58.49	30	33	\$10,830,000	2020	No	—	Regionally Significant Unfunded List
K25-04	N/A	SH 195 Overpass	At Business 190	Construct grade separation over Business 190 and BNSF RR	58.35	31	34	\$20,000,000	TBD	Yes	EJ	
B40-11	N/A	FM 2271 (Lake to Lake Road)	FM 1670 to FM 2271	Construct 4 lane roadway with 10 ft wide trail	57.74	32	35	\$49,700,000	TBD	No	EJ, H, P	
T45-15	N/A	Temple Outer Loop - East	IH-35 N to FM 93 at Business 190	Construct a 4 lane divided roadway with a curb and gutter; includes hike and bike trail and dedicated bike lanes to incorporate multimodal transportation	57.34	33	36	\$74,000,000	2023	No	EJ	
B40-07	N/A	Connell St	US 190/IH-14 to Loop 121	Widen from 2 to 4 lanes with center turn lane and 5 ft wide sidewalks	56.64	34	37	\$5,244,000	TBD	No	EJ	
W35-09	N/A	FM 93	SH 95 to SH 36	Widen from 2 to 4 lanes, provide for a raised median	56.37	35	38	\$5,245,000	TBD	Yes	EJ	
K40-26	N/A	Cunningham Rd	US 190/IH-14 to Little Nolan Rd	Construct and widen from 2 to 4 lane road with shoulder, median turn lane, bike and pedestrian facilities	56.27	36	39	\$7,817,350	TBD	No	EJ	
K40-03	N/A	FM 3470 Extension	SH 201 (Clear Creek Rd) to US 190 Bypass	Construct 4 lane FM Road with continuous turn lane and shoulders	56.17	37	40	\$15,000,000	TBD	No	H	
H45-02	N/A	E FM 2410 (E Knights Way) Phase 2	Warriors Path to Rummel Rd	Widen from 2 to 4 lanes with a continous turn lane with a curb, gutter and sidewalks	55.84	38	41	\$5,149,800	TBD	No	L	
K40-17	N/A	Trimmier Rd Improvements	Stagecoach Rd to Chaparral Rd	Widen from 2 to 4 lanes with a median	55.34	39	42	\$7,900,000	TBD	No	EJ, P	
K30-23	N/A	Jasper Bridge Expansion	S Florence Rd to Jasper Dr	Construct 8 lane overpass with pedestrian improvements and turnarounds	54.99	40	43	\$24,628,150	TBD	No	EJ	
K25-05	N/A	Florence Rd	Elms Rd to Jasper Dr	Widen from 2 to 5 lanes with curb and gutter	54.72	41	44	\$6,292,450	TBD	No	EJ	
B40-08	N/A	Sparta Rd	Loop 121 to Dunn's Canyon Rd	Construct protected turn lane with 10 ft wide hike and bike trail	54.46	42	45	\$2,080,000	TBD	No	H, P	
W35-05	N/A	SH 195 at US 190/IH 14	At SH 195	Upgrade interchange	54.36	43	46	\$52,450,000	TBD	Yes	EJ	
T15-02	N/A	Kegley Rd (Phase 2)	856 ft S of FM 2305 to 450 ft S of Wildflower Lane	Widen and add a middle turn lane, curb and gutter; includes 12 ft shared use path and will incorporate multimodal design	51.63	45	47	\$3,800,000	TBD	No	H	
T45-13	N/A	Little River Rd	SE HK Dodgen Loop to FM 93	Reconstruct two lane arterial roadway with a center-turn lane, bike lanes, and 6 ft sidewalks	49.84	46	48	\$12,888,000	TBD	No	EJ	
K40-25	N/A	Bunny Trail/SH 201 (Clear Creek Rd) Traffic Signal	Intersection of Bunny Trail and SH 201 (Clear Creek Rd)	Install traffic signal	49.36	48	49	\$190,000	TBD	Yes	EJ	
W35-03	N/A	SH 195	FM 3470 (Stan Schlueter Loop) to Chaparral Rd	Reconstruct to a 4 lane freeway with frontage roads	48.45	49	50	\$39,862,000	TBD	Yes	EJ, H	
B40-02	N/A	Southwest Parkway	Loop 121 to W Ave O	Construct 2 lane roadway with center turn lane	48.10	51	51	\$4,200,500	TBD	No	—	
N45-01	N/A	FM 439 Roundabout	Intersection of Main St (FM 439 Spur) and Avenue I	Construction of a roundabout	47.83	52	52	\$10,000,000	2022	No	—	
T45-11	N/A	East Young Ave	Lower Troy Rd to Loop 363	Reconstruct and realign roadway from 2 to 4 lanes with a 6 ft wide sidewalk, and a center turn lane.	47.50	53	53	\$3,940,000	2023	No	EJ	
K40-06	N/A	FM 2484	SH 195 to IH-35	Widen from 2 to 4 lane divided roadway	45.08	54	54	\$35,000,000	TBD	No	H, ARZ, P	
B30-02	N/A	Shanklin Rd West - Outer Loop	IH-35 to E end of Three Creeks subdivision	Construct 4 lane roadway	44.82	55	55	\$10,820,000	TBD	No	—	
B40-09	N/A	West Avenue D	Loop 121 to Wheat Rd	Construct 2 lane roadway with sidewalks and bike lanes	44.09	56	56	\$4,918,500	TBD	No	EJ	
N45-03	N/A	Nola Ruth Reconfiguration	Intersection of Nola Ruth Blvd at US 190/IH-14	Improve intersection to enhance safety	43.84	57	57	\$10,000,000	2025	No	—	
B30-03	N/A	Belton Outer Loop East	IH-35 at Shanklin Rd to FM 436	Construct 2 lane roadway with shoulder	43.46	58	58	\$12,060,000	TBD	No	—	
B40-01	N/A	Huey Dr	Washington Dr to IH-35 Frontage Rd	Construct 2 lane roadway with a center turn lane	42.92	59	59	\$2,615,000	TBD	No	EJ	
T45-17	N/A	Azalea Dr	Lowes Dr to S 1st St Future Extension	Construct new 2 lane roadway with a continous center turn lane, 5 ft bike lanes, and 6 ft sidewalks	42.50	60	60	\$4,975,000	2020	No	EJ	
B30-01	N/A	George Wilson Extension	FM 93 at George Wilson Rd to FM 439	Construct 2 lane roadway with shoulder	42.19	61	61	\$1,386,984	TBD	No	EJ	
H30-03	N/A	FM 3219	Veterans Memorial Blvd/Business 190 to FM 439	Widen from 2 to 4 lane divided roadway	42.10	62	62	\$8,000,000	TBD	No	L,H	
B45-08	N/A	Mesquite Rd Improvements	IH-35 Frontage Rd to Shanklin Rd	Widen to 2 lanes with a curb, gutter, shoulders, bicycle lanes, and a 6 ft wide sidewalk on both sides	41.50	63	63	\$3,591,000	2020	No	H	
N45-02	N/A	FM 439 Shoulder Improvements & Bike Lanes	N 38th St to Sparta Rd	Construct a continuous shoulder and bicycle lane	38.17	64	64	\$1,600,000	2020	Yes	EJ, P	
N40-07	N/A	Warrior's Path Extension Phase I	Old Nolanville Rd to US 190/IH-14	Extend Warriors Path to US 190/IH -14	38.08	65	65	\$5,703,255	TBD	No	H	
T45-10	N/A	East Ave C	14th St to 24th St	Reconstruct roadway to 2 lanes and add bicycle lanes, sidewalks, lighting, and landscaping.	35.17	67	66	\$2,630,000	2023	No	EJ	
T45-12	N/A	Lake Pointe Dr	SH 317 to Clinite Grove Blvd (Future Collector)	Construct 2 lane roadway with bike lanes and sidewalks	33.49	68	67	\$4,000,000	2023	No	—	
T45-14	N/A	Lower Troy Rd	East Young Ave to Loop 363	Reconstruct roadway to 2 lanes with a continuous center-turn lane and 6 ft sidewalks	29.33	69	68	\$6,920,000	2023	No	EJ	

H40-03 ⁶	N/A	Chaparral Rd	FM 3481 to Killeen City Limits on Chaparral Rd	Widen and straighten roadway and construct hike and bike trail	N/A	N/A	N/A	N/A	N/A	No	H	Unscored/Unfunded List
C25-02	N/A	FM 1113	Signal Light at FM 116/Ave B to Summers Rd	Widen from 2 to 4 lanes with ADA-compliant sidewalks	N/A	N/A	N/A	N/A	N/A	No	H	
C25-04	N/A	North Side Loop	FM 1113 to FM 116	Widen from 2 to 4 lanes with raised median curb and gutter with enclosed storm drainage	N/A	N/A	N/A	N/A	N/A	No	—	
C40-01	N/A	FM 116 South	Copperas Cove City Limits to SH 201	Upgrade Ivy Gap Rd and Ivy Mountain Rd to FM status, widen roadway from 2 to 5 lanes with curb and gutter	N/A	N/A	N/A	N/A	N/A	No	EJ, L, H, ARZ	
H40-04	N/A	E FM 2410	E side from FM 2410 Community Park to Simmons Rd	Expand roadway to include curb and gutter, access management control, turning lanes, drainage improvements, and context sensitive solutions	N/A	N/A	N/A	N/A	N/A	No	EJ, L, H	
N40-08	N/A	Warrior's Path Extension Phase II	US 190 to FM 439	Construct 2 lane roadway	N/A	N/A	N/A	N/A	N/A	No	—	
N40-10	N/A	FM 439 Safety Improvements	FM 439 at Lonesome Oak Dr	Add turning lane, shoulder expansion and possible traffic signals/signs	N/A	N/A	N/A	N/A	N/A	No	—	
W30-06	N/A	Killeen Airport Entrance	SH 201 at Killeen Airport Entrance	Construct interchange	N/A	N/A	N/A	N/A	N/A	Yes	EJ, H	
W40-04a2	N/A	Loop 121 Phase 1b	US 190 to IH-35	Widen from 2 to 4 lane divided roadway with a raised median	N/A	N/A	N/A	N/A	N/A	Yes	EJ, H, P	
W40-04b	N/A	Loop 121 Phase 2	IH-35 to FM 436	Widen from 2 to 4 lane divided roadway with bicycle and pedestrian improvements	N/A	N/A	N/A	N/A	N/A	No	EJ, H, P	
C45-01	N/A	Fort Hood Access Ramps	SH 9 @ Tank Destroyer Blvd	Construct access ramps from SH 9 to Tank Destroyer Blvd	N/A	N/A	N/A	N/A	N/A	Yes	—	

TRANSPORTATION CHOICES/LIVABILITY PROJECTS ⁸												
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 ⁴
T40-13	0909-36-173	Temple's Georgetown Rails to Trails	S 5th St to FM 93	Construct 10 ft wide hike and bike trail	84.73	3	2	\$2,000,000	2026	No	EJ, H, P	Short Range Funding: \$5,099,965
D40-02	N/A	North Waco Rd (Old 81) - Sidewalk	West Main St to West Big Elm	Construct 10' wide bicycle and pedestrian facility	69.02	11	5	\$1,700,000	2027	No	—	
K45-01	N/A	Heritage Oaks Hike & Bike Trail Segment 2	Siltstone Dr to Fawn Dr	Construct shared use path for bicyclists and pedestrians	58.57	26	6	\$1,200,000	2020	No	EJ	
S40-02	N/A	Salado Creek Off-Road Trail: Pace Park	Pace Park along Pace Park Rd	Construct 10 ft wide trail	57.44	27	7	\$199,965	TBD	No	ARZ, ES, P	
B45-01	N/A	Belton's Georgetown Rails to Trails	E Ave B to Leon River Bridge	Construct 10 ft wide shared use path to connect KTMPO projects B40-05 and T40-13	86.01	2	8	\$2,040,000	TBD	No	EJ, H	Long Range Funding: \$26,937,064
T45-02	N/A	Downtown Sidewalks - 1st and 3rd St	Mayborn Civic Center to Ave F	Construct and repair sidewalks with ADA-compliance ramps, crosswalks and landscaping	75.42	4	9	\$2,720,000	TBD	Yes	EJ, P, H	
B45-02	N/A	6th Ave Sidewalk & Shared Use Path	Main St (SH 317) to IH 35 Frontage Rd	Construct 6 ft wide sidewalk on north side of 6th Ave, 10 ft wide SUP on the south side and relocate utilities underground.	73.44	5	10	\$6,000,000	TBD	Yes	EJ, L	
B45-05	N/A	Commerce/Industrial Shared Use Path	Sparta Rd to Main St (SH 317)	Construct 10 ft wide shared use path on east side of Commerce St and north side of Industrial Park Rd; provide curb and gutter along Commerce St	72.15	8	11	\$1,233,333	TBD	No	H	
B40-12	N/A	Belton Hike and Bike Trail Extension Southwest	Confederate Park to Nolan Creek Pedestrian Bridge	Construct 10 ft wide hike and bike trail	71.08	9	12	\$3,252,480	TBD	No	EJ, H, P	
T45-03	N/A	E Central Sidewalks	MLK Dr to N. 22nd St	Construct 6 ft wide sidewalks, repair existing sidewalks with crosswalks and landscaping.	69.29	10	13	\$600,000	TBD	No	EJ, P	
B45-04	N/A	Beal St Sidewalk	E 24th Ave to E 6th St	Construct 5 ft sidewalk on east side from E. 24th Ave to Downing St, construct 5 ft sidewalk on both sides from E 13th Ave to Railroad Track, and construct 5 ft sidewalk on west side from Railroad Track to E. 6th Ave with bicycle signage along entire project	69	12	14	\$282,500	TBD	No	EJ, P	
T45-08	N/A	West Adams Sidewalks	Olaf Dr to IH 35	Construct 6 ft wide sidewalk	68.71	13	15	\$950,000	TBD	Yes	EJ	
T45-06	N/A	South Pea Ridge Greenbelt Trail	W Adams Ave (FM 2305) to Poison Oak Rd	Construct 8 ft wide trail along linear park east of S Pea Ridge Rd and through Von Rosenberg Park	66.57	14	16	\$1,680,000	2023	No	P	
T40-25	N/A	Bird Creek Interceptor Trail	N side of Lions Community Park to Midway Dr (near Bonham Middle School)	Construct 8 ft wide trail	66.43	15	17	\$375,000	TBD	No	P	
B45-07	N/A	Avenue H Sidewalk/Rd Improvements	Main St (SH 317) to Saunders St	Construct 5' wide sidewalk on north side of Ave H with Bicycle Signage and reconstruct roadway and widen to 2 lanes from Connell St. to Saunders St.	66	16	18	\$429,167	TBD	No	EJ	
T45-09	N/A	Apache Dr Sidewalks	W Adams Ave (FM 2305) to Gila Trail	Construct 6 ft. wide sidewalks and crosswalks	65.84	17	19	\$325,000	2023	No	EJ	
T45-07	N/A	Temple Lake Park Connection	FM 2271 to Temple Lake Park	Construct 8 ft wide hike and bike trail	64.56	18	20	\$2,640,000	2023	No	P	
T25-05	N/A	FM 2271 Trail	FM 2305 to Miller Spring Park	Construct 8 ft wide trail	63.88	19	21	\$950,000	TBD	Yes	H, P	
T45-04	N/A	Friars Creek Trail	Friars Creek Trail Terminus to S 1st St Future Extension	Construct 10 ft wide hike and bike trail to extend and connect to existing trail sections	63.85	20	22	\$500,000	2023	No	—	
N40-05	N/A	FM 439 Spur Connectivity	Main St to North Dr	Construct 10 ft wide sidewalk, ADA ramps and crosswalks, improve shoulders at Main St	63.71	21	23	\$967,500	TBD	No	—	
T45-01	N/A	Canyon Creek Trail	Canyon Creek Dr to Lions Park	Construct 8 ft hike and bike trail	62.58	22	24	\$720,000	2023	No	P	
S40-01	N/A	Salado Creek Shared Use Path - Royal St	Main St at College Hill Dr to 0.09 mi N of Royal St on Center Circle	Construct alternate transportation route consisting of shared-use path for bicyclists and pedestrians	62.42	23	25	\$368,959	TBD	No	ARZ, H, ES	
T45-05	N/A	Hickory Rd Sidewalk	Midway Dr to Aspen Trail	Construct 6 ft sidewalk with crosswalks	61.43	24	26	\$500,000	TBD	No	P	
B45-06	N/A	Central Ave Sidewalk & Traffic Signals	Main St (SH 317) to Pearl St	Upgrade to a 5 ft wide sidewalk on north side of Central Ave and install pedestrian crossing infrastructure at intersection of Main St (SH 317) to Pearl St.	59.29	25	27	\$403,125	TBD	No	—	
N40-09	N/A	Pleasant Hill Rd	Lonesome Oak Dr to Ave I	Construct Class 2, buffered on-street bike lane	N/A	N/A	N/A	\$500,000	N/A	No	H	Unscored/Unfunded List
N40-11	N/A	Nolan Creek Off System Trail	Bridge on Old Nolanville Rd to Levy Crossing	Construct 10 ft multi-use trail bordering Nolan Creek	N/A	N/A	N/A	N/A	N/A	No	H	
N40-12	N/A	Jack Rabbit Road Bike Thoroughfare	US 190 to FM 439 and through Park to School	Add Class 2 Bike Lanes on system	N/A	N/A	N/A	N/A	N/A	No	—	
N40-13	N/A	Wild Wood Trail	Lonesome Oak Dr to Ave I	Construct an 8 ft wide multi use trail	N/A	N/A	N/A	\$400,000	N/A	No	—	
S40-04b ¹	N/A	Main St Sidewalks Phase 2	College Hill Dr to Salado Plaza Dr	Main St improvements to include pavement widening, bike paths, drainage improvements.	N/A	N/A	N/A	\$2,223,044	N/A	No	H, ARZ, ES	
K40-21b	N/A	Heritage Oaks Hike & Bike Trail Segment 5	Chaparral Rd @ Rosewood Dr to USACE Property	Construct shared use path for bicyclists and pedestrians	N/A	N/A	N/A	\$1,300,000	N/A	No	EJ, ARZ	

TRANSIT PROJECTS												
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 ⁴
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GROUPED PROJECTS												
Short Range Funded (2019-2028)												
KTMPO ID	Project Name		Description				Funding					
G01-PE	Preventative Projects		Various Locations	Grouped CSJ Placeholder			Short Range Funding: \$165,803,999					
G03-MT	Maintenance Projects		Various Locations									
G04-BR	Bridge Projects		Various Locations									
G06-SA	Safety Projects		Various Locations									
Long Range Funded (2029-2045)												
KTMPO ID	Project Name		Description				Funding					
G01-PE	Preventative Projects		Various Locations	Grouped CSJ Placeholder			Long Range Funding: \$295,989,993					
G03-MT	Maintenance Projects		Various Locations									
G04-BR	Bridge Projects		Various Locations									
G06-SA	Safety Projects		Various Locations									

Notes:

¹Project score, project ranking and prioritized list is based on the scoring criteria at the time those projects were selected for funding.

²CMP network is based on the network when that project was selected for funding and/or when project was submitted to KTMPO.

³Environmental considerations is based on the environmental conditions when that project was selected for funding and/or when project was submitted to KTMPO. Use key below for identification purposes.

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

⁴Fiscal Constraints are determined by inputs into the TRENDS model as approved on March . Short range funding is estimated funding for FY2019-2028 and Long Range Funding is estimated funding for FY2029-2045

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

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

⁷KTMPO received a total of 69 roadway projects with an estimated total cost of \$1,008,785,911. Roadway prioritized list was recommended by TAC on November 28, 2018. During this process, five bonus points were added to projects that lie on a freight corridor as notated in the Regional Multimodal Plan as approved by TPPB on October 24, 2018. After assigning bonus points, each submitting entities' top roadway project was moved to the top of the list. The order was based on the total number of points for those top roadway projects. All remaining projects were ranked based on total project score. Other changes to the ranked list included swapping projects N40-03 and H30-05 and moving project H40-03 to the unfunded list since K30-13 overlaps with this project. Each change was discussed and agreed to during the 11/28/2018 TAC meeting. Prioritize list is not the order of funding and allocation of funds is based on various factors such as but not limited to project ranking, project readiness, funding availability and project need. During discussion, it was decided that project T15-06k will retain its rank, however, this project will be skipped if this project is a candidate for funds.

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

MTP Amendment Dates
July 17, 2019*
September 18, 2019*
October 23, 2019

* Administrative Amendments

End of Packet