



Transportation Planning Policy Board

**October 23, 2019
9:30 a.m.**

Agenda



**Killeen-Temple Metropolitan Planning Organization
Transportation Planning Policy Board
Wednesday, October 23, 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.
3. Staff Update: Advisory Committees; Air Quality.
4. **Action Item:** Regarding approval of minutes from September 18, 2019 meeting.
5. **Action Item:** Approve Resolution 2020-01 supporting Complete Streets in the KTMPO region.
6. **Action Item:** Approve amendments to the 2045 Metropolitan Transportation Plan (MTP) and FY19-22 TIP regarding Nolanville's City Park Connectivity Project, N40-04.
7. **Action Item:** Approve amendment to the 2045 Metropolitan Transportation Plan (MTP) regarding Copperas Cove sponsored project, Fort Hood Access Ramps from SH9 to Tank Destroyer Boulevard.
8. **Discussion Item:** Regarding public input received through September 30, 2019.
9. Member comments.
10. Adjourn.

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

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

Item 4:
Meeting Minutes



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

Wednesday, September 18, 2019
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	Mayor Bradi Diaz—City of Copperas Cove
Vice Chair Mayor Jose Segarra—City of Killeen	Carole Warlick—Hill Country Transit District (HCTD)
Cheryl Maxwell for Mayor Marion Grayson—City of Belton	Judge Roger Miller – Coryell County
Mayor Spencer Smith—City of Harker Heights	Judge David Blackburn – Bell County
Councilwoman Susan Long—City of Temple	Victor Goebel, PE – TxDOT Waco District
Councilman Butch Menking – City of Killeen	

Policy Board Non-Voting Members Present

Kristina Manning for Brian Dosa—Ft. Hood

Others Present

Caesar Arizpe—City of Killeen	Darrell Burtner – HCTD
Ryan Haverlah – City of Copperas Cove	Keith Sledd -- HOTDA
Bobby Lewis – City of Copperas Cove	Uryan Nelson – KTMPO
Bobby Whitson – Bell County	Kendra Coufal – KTMPO
Commissioner Bill Schumann – Bell County	Sydnee Steelman – KTMPO
Solomon Thomas – TxDOT Waco District	James McGill – KTMPO
Liz Bullock – TxDOT Waco District	Helen Owens – KTMPO
Christi Bonham – TxDOT Waco District	

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; TxDOT meetings.

Sydnee Steelman reminded the Policy Board that TAC meetings occur every 1st Wednesday of the month and Policy Board every 3rd Wednesday. Ms. Steelman also informed the group that the November TAC meeting has been pushed forward a week to October 30th at 9:30 am and that the next Planner's

Roundtable meeting will be on October 29, 2019 at 9:30 a.m. Ms. Steelman also stated that an administrative amendment moving the City of Belton's 13th Ave. project, B45-03 from 2021 to 2022 was made to the MTP and TIP. Air quality readings for the month of August were 68 ppb at the Temple station and 69 ppb at the Killeen station.

4. Action Item: Approve minutes from September 18, 2019 meeting.

Mayor Spencer Smith made a motion to approve September 18, 2019 meeting minutes, seconded by Judge David Blackburn; the motion passed unanimously.

5. Action Item: Approve Resolution 2019-05 to Support October 2019 as Walk to School Month and October 2, 2019 as Walk to School Day in the KTMPO Region.

Sydney Steelman informed the group that the National Center for Safe Routes to School has designated October as Walk to School Month and October 2 as Walk to School Day.

Councilwoman Susan Long made a motion to approve Resolution 2019-05, seconded by Carole Warlick; the motion passed unanimously.

6. Action Item: TPPB nominations and election of FY 2020 Chair.

Uryan Nelson informed the group that it was time for the annual elections for TPPB Chair. Mr. Nelson stated that terms are from October 1st to September 31st and that Mayor Davis was finishing his first term and could serve an additional term. Mayor Davis stated that he would be happy to serve as chair for a second term.

Councilwoman Susan Long made a motion to elect Mayor Davis as TPPB Chair for FY 2020, seconded by Mayor Spencer Smith; the motion passed unanimously.

7. Action Item: TPPB nominations and election of FY 2020 Vice Chair.

Uryan Nelson informed the group that it was also time for the election of TPPB Vice Chair for FY 2020. He also stated that Mayor Segarra is eligible for a second term and that it is recommended by staff to elect him for that term.

Councilman Butch Menking made a motion to elect Mayor Segarra as TPPB Vice Chair for FY 2020, seconded by Councilwoman Susan Long; the motion passed unanimously.

8. Action Item: Approve KTMPO Meeting Schedule for FY20.

Uryan Nelson informed the group that a vote on the next year's schedule usually occurs prior to the end of the fiscal year. Mr. Nelson stated that the schedule would stay the same with some minor changes for both TAC and Policy Board. The changes include moving Policy Board from October 16th to October 23rd, TAC from November 6th to October 30th, and TAC from January 1st to January 8th for the New Year.

Mayor Spencer Smith made a motion to approve the KTMPO Meeting Schedule for FY20, seconded by Mayor Jose Segarra; the motion passed unanimously.

9. Action Item: Approve the initiation of the public involvement process for MTP and TIP amendments for project N40-04, Nolanville City Park Connectivity.

Kendra Coufal informed the group that TxDOT requested KTMPO staff amend the project description to simplify it. Ms. Coufal also stated that the amount of funds would not change and that a 15-day public involvement period would occur with one public forum on September 25th in Nolanville.

Mayor Jose Segarra made a motion to initiate the public involvement process for project N40-04, seconded by Carole Warlick; the motion passed unanimously.

8. Action Item: Approve the initiation of the public involvement process for MTP amendment for Fort Hood Access Ramp Project.

Kendra Coufal informed the group that this is a new project sponsored by Copperas Cove that will be added to the MTP under the unscored/unfunded list. Ms. Coufal also stated that the project would undergo the same public involvement process as the N40-04 project.

Judge Roger Miller made a motion to initiate the public involvement process for the Fort Hood Access Ramp Project, seconded by Judge David Blackburn; the motion passed unanimously.

11. Discussion Item: Public input received through August 31, 2019.

Public input received through August 31, 2019 were presented to the TPPB.

12. Member Comments:

No member comments.

13. Adjourn: The meeting adjourned at 9:41 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:

Resolution 2020-01

Supporting Complete Streets

Resolution 2020-01 Supporting Complete Streets in the KTMO Region

In 2016, almost 6,000 pedestrians were struck and killed on America's streets. Transportation scientist have learned how deaths can be reduced or prevented through better road design that prioritizes people over cars. Over 1,300 communities across the U.S. have adopted Complete Streets policies to date. But to make a real impact, these policies must be translated into implementation for safe, efficient, and equitable street design.

The KTMO Bike and Pedestrian Advisory Committee (BPAC) recently participated in a webinar by Smart Growth America on complete street innovations and infrastructure. BPAC is in favor of KTMO adopting a Complete Streets Resolution supporting the incorporation of complete street components in project development and scoring processes for the benefit of multimodal activities in the region.

Included in the meeting packet is a resolution that was recommended by TAC for approval at their October 2nd meeting to support Complete Streets in the KTMO region. KTMO encourages regional cities to consider these components in project design.

Action Needed: Approve Resolution 2020-01 to support Complete Streets in the KTMO region.



RESOLUTION NO. 2020-01

A RESOLUTION OF THE KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION REGARDING COMPLETE STREETS POLICIES IN THE KTMPO REGION

WHEREAS; The United States Department of Transportation defines Complete Streets as streets that are designed and operated to enable safe use and support mobility for all users, including those of all ages and abilities, regardless of whether they are travelling as drivers, pedestrians, bicyclists, or public transportation riders; and

WHEREAS; Complete Street features such as traffic calming elements, street trees, wide sidewalks, and pedestrian, bicycle, and transit access shall be supported and promoted throughout the region; and

WHEREAS; the KTMPO region seeks to become a more connected and livable coalition of communities to promote a healthy population and a robust economy; and recognizes that multimodal access plays a crucial role in achieving this goal; the region recognizes the need to evolve transportation infrastructure and the importance of providing an integrated transportation system that balances the needs of all users; and

WHEREAS; creating and implementing a Complete Streets resolution will encourage the participation and coordination of various entities across the KTMPO region, including but not limited to KTMPO staff, regional elected officials, city administration and planning departments, the Hill Country Transit District, and the Texas Department of Transportation; and

WHEREAS; there are a variety of stakeholders who will be helpful in shaping this resolution including the KTMPO Bicycle and Pedestrian Advisory Committee, the Technical Advisory Committee, and Policy Board; and

WHEREAS; Complete Streets awareness and policy development trainings led by industry experts have been participated in by transportation stakeholders and a regionally-appropriate resolution developed; and

NOW, THEREFORE, BE IT RESOLVED that the Killeen-Temple Metropolitan Planning Organization hereby proclaims Complete Streets as a vital piece to the future of multimodal transportation and a comprehensive long-range plan;

BE IT FURTHER RESOLVED that the Killeen-Temple Metropolitan Planning Organization recommends and supports projects that include Complete Street elements that advance the overall multimodal alternatives with the region.

Item 6:

**2045 MTP and FY19-22 TIP
Amendment for
Nolanville's project N40-04**

**Amendment to the 2045 MTP and FY19-22 TIP for
Nolanville City Park Connectivity, N40-04**

MTP Background

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

TIP Background

The TIP is a 4-year transportation planning document that includes a detailed listing of projects reasonably expected to begin within a four-year period. The current TIP covers FY19 through FY22. Projects included in the TIP must be consistent with the 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 2045 MTP and FY19-22 TIP

Amendments are needed to the MTP and TIP to update the project description of the Nolanville City Park Connectivity Project, N40-04:

- **Original Description:** Construct 10' sidewalk, ADA ramps, and crosswalks; widen pavement by 32" with curb and gutter.
- **Revised Description:** Construct ADA compliant sidewalks, ramps, and crosswalks.
 - Added Remarks: Construct ADA compliant sidewalks, ramps, and crosswalks along Mesquite St. beginning at the Park to E Avenue H from E Avenue H to 10th St.

This project underwent a 15-day public comment period and one public forum with no comments received. TAC recommended approval of the MTP and TIP amendments at their October 2nd meeting.

Tentative Schedule:

- September 4, 2019—TAC recommends initiation of PI process for MTP and TIP amendments.
- September 18, 2019—TPPB approves Initiation of PI process for MTP and TIP amendments.
- September 21- October 5, 2019—Public Comment Period.
- September 25, 2019 – Public forum; 12:00pm at Nolanville City Hall Council Chambers.
- October 2, 2019—TAC recommends approval of MTP and TIP amendments.
- **October 23, 2019—TPPB approves MTP and TIP amendments.**

Action Needed: Approve amendments to the 2045 MTP and FY19-22 TIP regarding Nolanville's City Park Connectivity Project, N40-04.

Nolanville Park Connectivity



Project N40-04

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	0909-36-167	VA	2021	C	Nolanville	Nolanville	\$1,558,802
LIMITS FROM: Park (North Mesquite) along Avenue H								
LIMITS TO: 10th Street							REVISION DATE:	Nov-19
DESCRIPTION: Construct 10' sidewalk, ADA ramps, and crosswalks; widen pavement by 32" with curb and gutter							MPO ID:	N40-04
REMARKS:							FUNDING CATEGORY:	7
							PROJECT HISTORY:	MPO Selected Project in December 2018 During the Reprioritization of the MTP

TOTAL PROJECT COST INFORMATION:			AUTHORIZED FUNDING BY CATEGORY					
		COST OF APPROVED PHASES:	CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT:	TOTAL:
PRELIMINARY ENGINEERING:	\$83,134		7	\$1,247,042	\$0	\$311,760	\$0	\$1,558,802
RIGHT OF WAY:								
CONSTRUCTION:	\$1,558,802	\$1,558,802						
CONSTRUCTION ENGINEERING:	\$68,034		TOTAL	\$1,247,042	\$0	\$311,760	\$0	\$1,558,802
CONTINGENCIES:	\$24,091							
INDIRECTS:								
BOND FINANCING:								
TOTAL PROJECT COST (YOE):	\$1,734,061							



Original Description

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)

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
H15-02b	2304-02-036 2304-02-040	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	\$8,800,000	2017	Yes	N/A	FY15-FY17 MPO Proposition 1: \$17,800,000
W40-02	0231-03-143	US 190	1.0 Mi W of FM 2410 to Knights Way	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	N/A	1	N/A	\$9,000,000	2018	Yes	N/A	
W40-06	0231-03-145 0231-04-061	US 190	FM 3423 (Indian Trail) to FM 2410 in W Belton	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	87.45	1	1	\$39,000,000	2019	Yes	H	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	FY21-22 Category 2: \$127,350,000
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	
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 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,	
W45-01	0231-03-152	IH 14 Advanced Traffic Management System	Coryell County Line to FM 3423 (Indian Trail)	Construction of fiber optics, traffic cameras and Dynamic Message Boards	73.33	2	11	\$6,200,000	2022	Yes	EJ, L, H	

COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS

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 (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)

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	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 with 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/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, 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 rads 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 East	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 (FM1741)	Marlandwood 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 0232-01-053	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	IH 35 to MLK Jr Blvd (Spur 290)	Construct shared use path for pedestrian and bicyclists	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 pedestrian and bicyclists	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, & 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	
T40-07a	0909-36-903	Temple Outer Loop West-Phase I	522 ft South of Jupiter 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	\$10,298,198	2021	No	P, H	FY21-22 Category 7 Funds: 13,002,000
N40-04	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	
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

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. Blvd5	Construction of sidewalks for pedestrian/bicycle use5	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 pedestrian/bicycle 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 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)

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 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 Statwide 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 bicyclist	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 Drive	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

KTMO 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



New Description

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)

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
H15-02b	2304-02-036 2304-02-040	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	\$8,800,000	2017	Yes	N/A	FY15-FY17 MPO Proposition 1: \$17,800,000
W40-02	0231-03-143	US 190	1.0 Mi W of FM 2410 to Knights Way	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	N/A	1	N/A	\$9,000,000	2018	Yes	N/A	
W40-06	0231-03-145 0231-04-061	US 190	FM 3423 (Indian Trail) to FM 2410 in W Belton	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	87.45	1	1	\$39,000,000	2019	Yes	H	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	FY21-22 Category 2: \$127,350,000
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	
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 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,	
W45-01	0231-03-152	IH 14 Advanced Traffic Management System	Coryell County Line to FM 3423 (Indian Trail)	Construction of fiber optics, traffic cameras and Dynamic Message Boards	73.33	2	11	\$6,200,000	2022	Yes	EJ, L, H	

COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS

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 (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)

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	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 with 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/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, 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 East	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 (FM1741)	Marlandwood 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 0232-01-053	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	IH 35 to MLK Jr Blvd (Spur 290)	Construct shared use path for pedestrian and bicyclists	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 pedestrian and bicyclists	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, & 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	
T40-07a	0909-36-903	Temple Outer Loop West-Phase I	522 ft South of Jupiter 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	\$10,298,198	2021	No	P, H	FY21-22 Category 7 Funds: 13,002,000
N40-04	0909-36-901	Nolanville City Park Connectivity	Park (North Mesquite) along Ave H to 10th Street	Construct ADA compliant sidewalks, ramps, and crosswalks	72.34	6	3	\$1,558,802	2021	No	P	
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

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. Blvd5	Construction of sidewalks for pedestrian/bicycle use5	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 pedestrian/bicycle 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 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)

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 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 Statwide 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 bicyclist	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 Drive	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

KTMO 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

Item 7:

2045 MTP Amendment for

Copperas Cove project

Fort Hood Access Ramps

Amendment to the 2045 MTP for Fort Hood Access Ramps Project

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.

Amendment to the 2045 MTP

The City of Copperas Cove is sponsoring a project to add access ramps for Fort Hood from SH9 to Tank Destroyer Boulevard. An amendment to the 2045 MTP is needed to include the project in the long-range plan. The project will be added to the Unscored/Unfunded section and will not alter the current project ranking or funding priority.

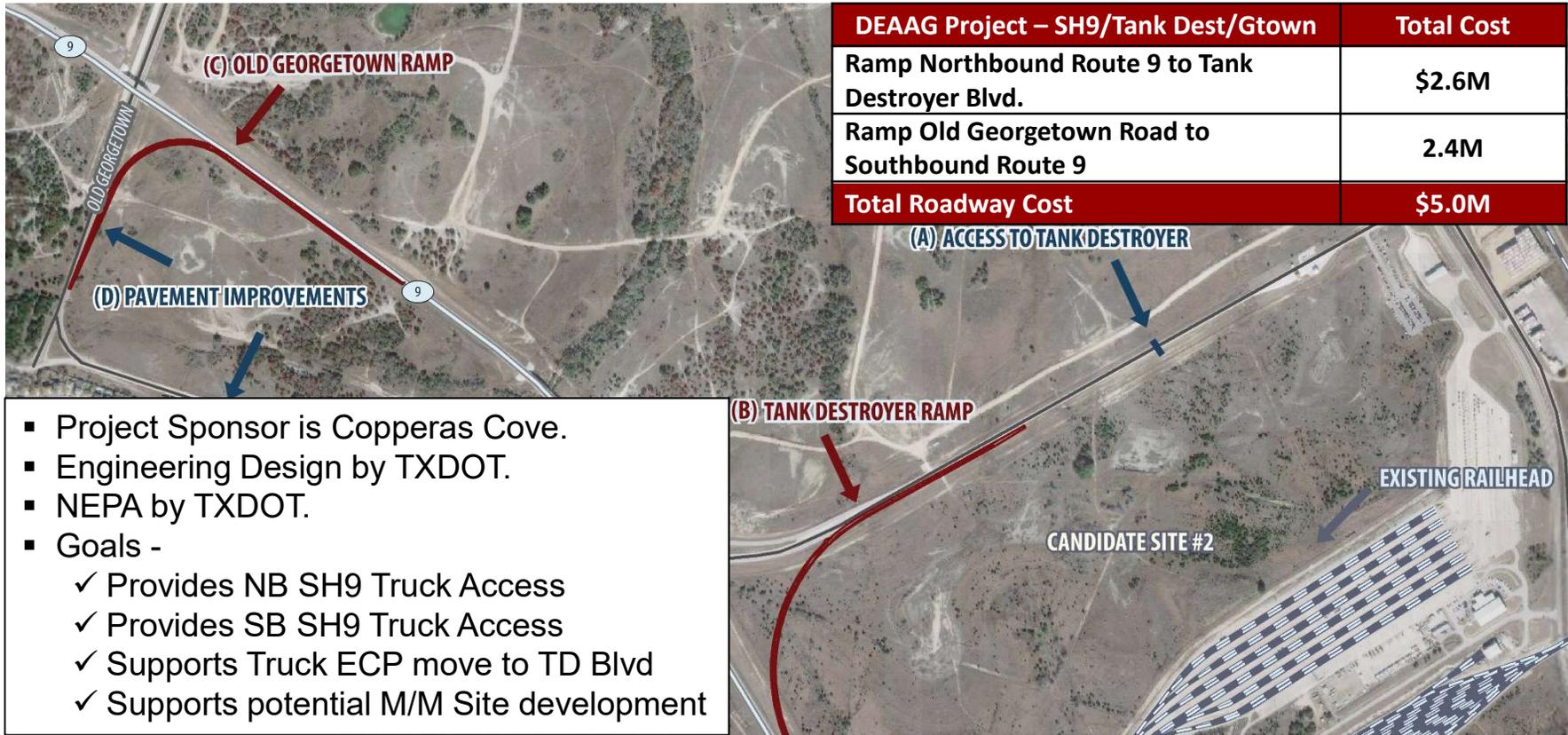
This project underwent a 15-day public comment period and one public forum with no comments received. TAC recommended approval of the MTP amendment at their October 2nd meeting.

Tentative Schedule:

- September 4, 2019—TAC recommends initiation of PI process for MTP amendments.
- September 18, 2019—TPPB approves initiation of PI process for MTP and TIP amendments.
- September 21-October 5, 2019—Public Comment Period.
- September 25, 2019 – Public forum; 12:00pm at Nolanville City Hall Council Chambers.
- October 2, 2019—TAC recommends approval of MTP amendment.
- **October 23, 2019—TPPB approves MTP amendment.**

Action Needed: Approve amendment to the 2045 MTP regarding Copperas Cove sponsored project, Fort Hood Access Ramp Project from SH9 to Tank Destroyer Boulevard.

DEAAG - Fort Hood SH9 Project



- Project Sponsor is Copperas Cove.
- Engineering Design by TXDOT.
- NEPA by TXDOT.
- Goals -
 - ✓ Provides NB SH9 Truck Access
 - ✓ Provides SB SH9 Truck Access
 - ✓ Supports Truck ECP move to TD Blvd
 - ✓ Supports potential M/M Site development

Defense Economic Adjustment Assistance Grant – appropriated \$30M for Biennium

- Central Texas – Fort Hood previously awarded two grants:
 - ✓ 2015 \$5.3M for renovation of Fort Hood Radar Approach Control Facility
 - ✓ 2017 \$4.8M for airfield digital security system for Killeen-Fort Hood Regional Airport/Airfield.
- Next DEAAG Application due mid-October 2019 with grading in November and award in December.
- 2 May Meeting reviewed & narrowed project list from thirteen (13) potential projects down to eight (8).
- 6 June Meeting reviewed eight projects and selected one project to move forward.

Item 8: Public Input



Public Input Received

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

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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
CTRTAG	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.ktmppo.org. Pages 61-65 of the publication “The Transportation Planning Process... is a great resource for commonly used Transportation terms.

2045 MTP Project Listing



2045 Metropolitan Transportation Plan Project Listing

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

MPO PROPOSITION 1/CATEGORY 2 PROJECTS (METROPOLITAN CORRIDORS)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score 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 Drive	Widen from 2 to 4 lane roadway with sidewalks, median and turn lanes incorporating context sensitive design	N/A	N/A	N/A	\$8,800,000	2017	Yes	N/A	FY15-FY17 MPO Proposition 1: \$17,800,000
W40-02	0231-03-143	US 190	1.0 Mi W of FM 2410 to 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	FY21-22 Category 2: \$127,350,000
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	
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 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,	
W45-01	0231-03-152	IH 14 Advanced Traffic Management System	Coryell County Line to FM 3423 (Indian Trail)	Construction of fiber optics, traffic cameras and Dynamic Message Boards	73.33	2	11	\$6,200,000	2022	Yes	EJ, L, H	

COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score 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 (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)

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	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 1 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	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)	Mariandwood 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 3128-01-013	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	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	
T40-07a	0909-36-903	Temple Outer Loop West-Phase I	522 ft South of Jupiter to 454 ft South of Dove Meadow Blvd	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	FY21-22 Category 7 Funds: 13,002,000
N40-04	0909-36-901	Nolanville City Park Connectivity	Park (North Mesquite) along Ave H to 10th Street	Construct ADA compliant sidewalks, ramps, and crosswalks	72.34	6	3	\$1,558,802	2021	No	P	
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

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 Coppers Cove Rd)	RG III Blvd. from Constitution Dr to Old Coppers 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 Road (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 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 Statwide 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 Drive	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

KTMO 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 PROJECTS⁷

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 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	2023	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 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	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 left turn lane at future school, curb and gutter; 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	TBD	No	---	
T15-06k	N/A	IH 35	US 190/IH 14 to Loop 363	Reconstruct and widen to 8 lanes	78.27	1	10	\$129,700,000	TBD	Yes	EJ, 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 36	SH 317 to Lake Belton Bridge	Widen from 2 to 4 lane divided roadway	71.63	5	13	\$36,715,000	TBD	No	P	
W35-04	N/A	FM 439	Roy Reynolds Drive to FM 3219	Widen from 4 to 6 lanes	70.27	6	14	\$11,539,000	TBD	No	EJ	
H45-03	N/A	FM 3481 (Stillhouse Lake Road) Phase 1	Prospector Trail to Proposed Chaparral Road Intersection	Widen roadway from 2 to 4 lanes with a continuous center turn lane and sidewalks	69.33	7	15	\$6,566,500	2024	No	H, ARZ, P	
W30-23	N/A	US 190/Loop 363	Spur 290 to SH 95	Upgrade to 4 lane freeway with continuous frontage roads and grade separation at MLK Blvd	68.36	8	16	\$16,784,000	TBD	Yes	EJ	
C30-03a	N/A	Business US 190 - Phase II	FM 1113 (Ave D) to FM 116 South	Convert the center turn lane to a controlled left turn lane with raised median, maintain the two existing travel lanes, add curb and gutter on north and south sides of the roadway, 6 ft sidewalk on the south side right-of-way, pedestrian crossings with curb ramps at street intersections, and 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, 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 LP 363	65.45	14	21	\$18,000,000	TBD	Yes	EJ	
K40-24	N/A	Featherline Drive	Stagecoach Rd to Chaparral Rd	Widen from two to four lanes with a center turn lane and roundabouts at Featherline Rd at Stagecoach Rd and Stagecoach Rd at W.S. Young Drive	65.00	15	22	\$9,000,000	2025	No	EJ	
H15-01	N/A	FM 3423 (Indian Trail)	Business 190 (VMB) to US 190/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 a hike and bike trails to incorporate multimodal design	64.45	19	24	\$8,500,000	TBD	Yes	EJ	
K40-11	N/A	WS 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	\$4,889,549	TBD	Yes	EJ	
N40-06	N/A	Nolanville Railroad Crossing Safety	Pleasant Hill Cemetery Rd to Jack Rabbit Road (4 RR Crossings)	Upgrade crossings for better connections and safety	63.18	21	26	\$500,000	TBD	No	---	
D40-03	N/A	Old TX 81 - Phase I	FM 1237 to Loves Overpass	Widen 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 Road) Phase 2	Proposed Chaparral Road 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 Trimmer Rd Improvements	Stagecoach Rd to Chaparral Rd	Widen roadway from 2 to 4 lanes with a continuous center turn lane, 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/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 Boulevard	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 (SS Loop)	Upgrade Interchange	59.17	29	32	\$52,450,000	TBD	Yes	EJ	

T45-16	N/A	South 1st Street Extension	Loop 363/US 190 to Blackland Rd	Construct arterial thoroughfare with street trees, sidewalks and bike lanes.	58.49	30	33	\$10,830,000	2020	No	---
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	Construction of a 4 lane divided roadway with a curb and gutter; includes a 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 Street	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, with 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 continuous turn lane with a curb, gutter and sidewalks	55.84	38	41	\$5,149,800	TBD	No	L
K40-17	N/A	Trimmier Road 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 lane section with curb and gutter	54.72	41	44	\$6,292,450	TBD	No	EJ
B40-08	N/A	Sparta Road	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 Road (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 Road	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 (SS Loop) to Chaparral Rd	Reconstruct to 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 Avenue	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 Road West - Outer Loop	IH 35 to east 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/IH14	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 Drive	Washington Dr to IH 35 Frontage Rd	Construct 2 lane roadway with center turn lane	42.92	59	59	\$2,615,000	TBD	No	EJ
T45-17	N/A	Azalea Drive	Lowes Dr to S. 1st St. Future Extension	Construct new two-lane roadway with a continuous 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	FM3219	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 Road improvements	I-35 Frontage Rd to Shanklin Rd	Widen to 2 lanes with curb and gutter, shoulders, bike 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 bike 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 Avenue C	14th St to 24th St	Reconstruct roadway to 2 lanes and add bike lanes, sidewalks, lighting, and landscaping.	35.17	67	66	\$2,630,000	2023	No	EJ
T45-12	N/A	Lake Pointe Drive	SH 317 to Clinite Grove (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 Road	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

Regionally Significant Unfunded List

TRANSPORTATION CHOICES/LIVABILITY PROJECTS⁸

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 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	Stiltstone 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 KTMO 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 Street	Mayborn Civic Center to Avenue F	Construct and repair sidewalks with ADA-compliance ramps, crosswalks and landscaping	75.42	4	9	\$2,720,000	TBD	Yes	EJ, P, H	
B45-02	N/A	6th Avenue Sidewalk & Shared Use Path	Main St (SH 317) to I-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	East Central Sidewalks	MLK Drive to N. 22nd St.	Construct 6 ft wide sidewalks, repair existing sidewalks with crosswalks and landscaping.	69.29	10	13	\$600,000	TBD	No	EJ, P	
B45-04	N/A	Beal Street 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 Drive 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	West Adams Ave (FM 2305) to Poison Oak Rd	Construct 8 ft wide trail along linear park east of S Pea Ridge Rd and through Von Rosenberg Park	66.57	14	16	\$1,680,000	2023	No	P	
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/Road Improvements	Main St (SH 317) to Saunders St.	Construct 5' wide sidewalk on north side of Ave H with Bicycle Signage and reconstruct roadway and widen to 2 lanes from Connell St. to Saunders St.	66	16	18	\$429,167	TBD	No	EJ	
T45-09	N/A	Apache Drive Sidewalks	West Adams Ave (FM 2305) to Gila Trail	Construct 6 ft. wide sidewalks and crosswalks	65.84	17	19	\$325,000	2023	No	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 Street	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 Road 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 Avenue Sidewalk & Traffic Signals	Main St (SH 317) to Pearl St	Upgrade to a 5 ft wide sidewalk on north side of Central Ave and install pedestrian crossing infrastructure at intersection of Main St (SH 317) to Pearl St.	59.29	25	27	\$403,125	TBD	No	---	
N40-09	N/A	Pleasant Hill Rd	Lonesome Oak Drive 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 Drive 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	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	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-WT	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-WT	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

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.

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

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

MTP Amendment Dates

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

* Administrative Amendments

End of Packet