



Technical Advisory Committee Meeting

**July 10, 2019
9:30 a.m.**

Agenda



**Killeen-Temple Metropolitan Planning Organization
Technical Advisory Committee (TAC)
Wednesday, July 10, 2019
Central Texas Council of Governments Building
2180 North Main Street, Belton, Texas 76513**

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

1. Call to Order.
2. Opportunity for Public Comment.⁽¹⁾
3. Staff Update: Advisory Committees; Air Quality; Administrative Amendments.
4. **Action Item:** Approve minutes from May 1, 2019 meeting.
5. **Discussion and Action Item:** Recommend approval of FY20-21 Unified Planning Work Program (UPWP).
6. **Discussion Item:** TxDOT Quarterly Review of Local Government Projects.
7. **Discussion Item:** Alliance Transportation Group (ATG) review of KTMPO Project Scoring Criteria.
8. **Discussion Item:** Public input received through June 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 (KTMPPO)
TECHNICAL ADVISORY COMMITTEE (TAC)**

Wednesday May 1, 2019

9:30 AM

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

Technical Advisory Committee Voting Members

Cheryl Maxwell—City of Belton
Bobby Lewis—City of Copperas Cove
Joseph Molis—City of Harker Heights
Darrell Burtner for Carol Warlick – HCTD

Brian Chandler—City of Temple
Ron Olson—City of Killeen
Bryan Neaves—Bell County
Victor Goebel—TxDOT Waco District

Additional Attendees

Solomon Thomas—TxDOT Waco District
Katelyn Kasberg—TxDOT Waco District
Jason Deckman – City of Temple
Brian Lams– TxDOT Waco District
Caesar Arizpe – City of Killeen
David Olson – City of Temple
Michael Rhodes – TxDOT Waco District

Kristina Manning – Ft. Hood
Erika Karlik—TxDOT Waco District
Christi Bonham – TxDOT Waco District
Stephen Kasberg – TxDOT Waco District
Uryan Nelson—KTMPPO
Sydnee Steelman – KTMPPO
Kendra Coufal – KTMPPO

Meeting Minutes:

1. Call to Order: Uryan Nelson called the meeting to order at 9:32 a.m.

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

3. Staff Update: Advisory Committees; Air Quality.

Sydnee Steelman stated that there will be no TAC meeting in June and that the July meeting will be on the 10th and not the 3rd due to the holiday. Ms. Steelman also stated that the next Bicycle/Pedestrian Advisory Committee meeting will be held on May 7, 2019 at 9:00 a.m., the next Planner's Roundtable meeting will be May 21, 2019 at 9:30 a.m., and that TxDOT was hosting their regular local government meetings in D13 later in the day. Air quality readings for the month of April were 60 ppb at the Killeen station and 67 ppb at the Temple station.

4. Action Item: Approve minutes from April 3, 2019 meeting.

Brian Chandler made a motion to approve April 3, 2019 meeting minutes, seconded by Joseph Molis; the motion passed unanimously.

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

Sydnee Steelman informed the group that after the approval of the TPPB at their April 17th meeting, the amendments for project W45-01 underwent a 15-day public comment period with a public forum held during which no comments were received.

Joseph Molis made a motion to recommend the approval of for amendments to MTP and TIP regarding project W45-01, seconded by Robert Lewis; the motion passed unanimously.

6. Discussion and Action Item: Recommend approval of 2045 MTP.

Kendra Coufal informed the group that the draft 2045 MTP went through a 30-day public comment period with no comments received. A couple comments were received from TAC members that morning and Mrs. Coufal requested that any members who had not had a chance to review the MTP to do so and give feedback.

Darrell Burtner made a motion to recommend the approval of the 2045 MTP, seconded by Brian Chandler; the motion passed unanimously.

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

Uryan Nelson informed the group that KTMPO is working with 5 other MPOs on a Fort Worth to Laredo High Speed Transportation study. Mr. Nelson stated that an informational meeting for the study was being held following the Policy Board meeting on May 15th and said that all TAC members were invited to attend.

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

Kendra Coufal informed the TAC of the completion of the FY20-21 UPWP draft detailing the KTMPO's budget for the biennium. Mrs. Coufal stated that the document was still in draft form, the budgets are still subject to change, and that comments on it were being received through May 17th before submission to TxDOT on June 1st for their preliminary review. Following that review the UPWP will be brought back before the TAC and TPPB at their July meetings for final approval before final submission to TxDOT on August 1st. Mrs. Coufal also informed the group how the budget estimates were created and stated that tasks 5.10 and 5.11 were going to be taken off of the UPWP before submission.

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

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

10. Member Comments:

Joseph Molis told members that the Harker Heights roundabout was substantially completed.

11. Adjourn: The meeting adjourned at 9:43 a.m.

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

Jim Reed, Interim KTMPO Director

Staff Update

Staff Update: FY19-22 TIP Administrative Amendments

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

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

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

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

Action Needed: For discussion only.

IN CURRENT FY17-FY20 TIP
KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION
TRANSPORTATION IMPROVEMENT PROGRAM
FY 2020

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

PROPOSED AMENDMENT 07/19
KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION
TRANSPORTATION IMPROVEMENT PROGRAM
FY 2020

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

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

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

IN CURRENT FY17-FY20 TIP

**KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION
TRANSPORTATION IMPROVEMENT PROGRAM**

FY 2020

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Hill Country Transit District	Federal Funding Category	5307
MPO Project Information (reference number, etc)		Federal (FTA) Funds	\$888,260
		State Funds from TxDOT	0
		Other Funds	222,065
Apportionment Year	2019/2020	Fiscal Year Cost	\$1,110,325
Project Phase	Operations	Total Project Cost	\$1,110,325
Brief Project Description	Capital Preventive Maintenance for HCTD	Trans. Dev. Credits to Request	\$0
Sec 5309 ID Number	NA	Trans. Dev. Credits Awarded	\$0
Amendment Date & Action		(Date & Amount)	

PROPOSED AMENDMENT 07/19

**KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION
TRANSPORTATION IMPROVEMENT PROGRAM**

FY 2020

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

Item 5:

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

FY20-21 Unified Planning Work Program (UPWP) Approval

The Unified Planning Work Program (UPWP) provides descriptive and scheduling details for the Killeen-Temple Metropolitan Planning Organization (KTMPPO) planning process for a two-year period. The UPWP serves as a base document for carrying on the continuing, cooperative and comprehensive transportation planning process in the Killeen-Temple urbanized area. It serves as our work plan and identifies tasks and subtasks that we plan to undertake during the plan period and the associated budget for these tasks.

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

Tentative Schedule:

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

Action Needed: Recommend approval of FY20-21 Unified Planning Work Program (UPWP).

Item 6:

**TxDOT Quarterly Review of
Local Government Projects**

TxDOT Quarterly Review of Local Government Projects

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

Action Needed: No Action. For Discussion Only.

KTMPO Project Status Summary

State Let Projects

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

Project is on track for letting

Project is facing minor delays

Contact Local Govt Staff at TxDOT

KTMPO Project Status Summary

Local Let Projects

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

Project is on track for letting

Project is facing minor delays

Contact Local Govt Staff at TxDOT

Item 7:

**ATG review of KTMPO Project
Scoring Criteria**

Review of KTMP Project Scoring Criteria

TAC members have previously asked questions about the current KTMP Project Scoring Criteria. To begin to answer these questions, ATG staff will facilitate a review of the KTMP Project Scoring Criteria. This review will be comprised of three parts.

1. A 10-minute presentation on the current MTP Project Scoring Criteria for the purpose of promoting a shared understanding about what the criteria are, how each criterion is weighted and how the criteria coalesce to yield a project score for projects submitted by member jurisdictions.
2. A 15-minute demonstration on how the current Project Scoring Criteria impacted three projects proposed by member jurisdictions for inclusion in the MTP. This demonstration will help clarify how each individual criterion works.
3. ATG staff will then facilitate a 20-minute discussion between the TAC members to identify issues and concerns. This discussion may lead to future modifications to the Project Scoring Criteria or to the weights assigned to each criterion.

Action Needed: No Action. For Discussion Only.

**Item 8:
Public Input**

Public Input Received through June 30, 2019

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

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



KTMP Public Comments FY19

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

KTMPO Contacts,
Acronyms, and Terms



TECHNICAL ADVISORY COMMITTEE

Judge Roger Miller

Coryell County Main Street Annex
800 E. Main Street, Suite A
Gatesville, TX 76528
Phone: (254) 865-5911, ext. 2221
Fax: (254) 865-2040
countyjudge@coryellcounty.org
Alternate:

Commissioner Mark Rainwater

Lampasas County
P.O. Box 231
Lampasas, TX 76550
Phone: (512)734-0742
Fax: (512)556-8270
rainwater150@gmail.com
Alternate:

Ron Olson

Killeen City Manager
101 N. College St., Killeen, TX, 76541
Phone: (254) 501-7700
rolson@killeentexas.gov
Alternate: Caesar Arizpe, Danielle Singh

Robert Lewis

Copperas Cove Planning Director
P.O. Drawer 1449
Copperas Cove, TX 76522
Phone: (254) 547-4221
rlewis@copperascovetx.gov
Alternate: Ryan Haverlah

Joseph Molls

Harker Heights Planning Director
City of Harker Heights
305 Miller's Crossing
Harker Heights, TX 76548
Phone: (254) 953-5600
jmolls@ci.harker-heights.tx.us
Alternate: David Mitchell

Cheryl Maxwell

Belton Planning Director
333 Water St., Belton, TX 76513
Phone: (254) 933-5812
Fax: (254) 933-5822
cmaxwell@belontexas.gov
Alternate: Sam Listi

Brian Chandler

Temple Planning Director
2 North Main, Temple, TX 76501
Phone: (254) 298-5272
bchandle@templetx.gov
Alternate: Don Bond, Nicole Torralva,
Lynn Barrett, Brynn Myers, Jason
Deckman, Erin Smith

Bryan Neaves, P.E.

Bell County Engineer
P. O. Box 264, Belton, TX 76513
Phone: (254) 933-5275
Fax: (254) 933-5276
bryan.neaves@bellcounty.texas.gov
Alternate: Stephen Eubanks

Carole Warlick

General Manager, Hill Country Transit
District
P.O. Box 217, San Saba, TX 76877
Phone: (325) 372-4677
Fax: (325) 372-6110
cwarlick@takethehop.com
Alternate: Darrell Burtner

Victor Goebel, P.E.

Director, Transportation Planning &
Development, TxDOT Waco
100 South Loop Drive, Waco TX
76704-2858
Phone: 254-867-2865
Fax: 254-867-2738
victor.goebel@txdot.gov
Alternate: Liz Bullock, Christi Bonham

Jason Scantling, P.E.

Director, Transportation Planning &
Development, TxDOT Brownwood
2495 Hwy 183 North, Brownwood, TX
76802
jason.scantling@txdot.gov

NON VOTING MEMBERS

Brian Dosa

Ft. Hood Public Works Director
Building 4612
Fort Hood, TX 76544
Phone: (254) 287-2113
brian.l.dosa.civ@mail.mil

Justin P. Morgan

Federal Highway Administration,
Texas Division
300 East 8th Street, Rm 826
Austin, TX 75093
justin.morgan@dot.gov

Liz Bullock

TxDOT Waco District
Transportation Planner
100 South Loop Drive, Waco TX
76704-2858
Phone: (254) 867-2751
Fax: (254) 867-2738
liz.bullock@txdot.gov

Solomon A. Thomas

TxDOT Waco District/Bell County
Area Engineer
410 West Loop 121
Belton, TX 76513
Phone: (254) 939-3778
solomon.thomas@txdot.gov

Kara Escajeda

Nolanville City Manager
101 North 5th Street
Nolanville, TX 76559
Phone: (254) 698-6335
kara.escajeda@ci.nolanville.tx.us



POLICY BOARD

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

Councilmember Susan Long
City of Temple
2 North Main St., STE 103
Temple, TX 76501
Phone: (254) 774-5700
susan.long@templetx.gov
Alternate: Erin Smith, Brynn Myers

Vice Chairman:
Mayor Jose Segarra
City of Killeen
101 N. College Street
Killeen, Texas 76541
mayor@killeentexas.gov
Phone: (254) 290-0548
Alternate: Ron Olson,
Councilmember Jim Kilpatrick,

Mayor Marion Grayson
City of Belton
333 Water Street, Belton, TX 76513
Phone: (254) 718-7878
Fax: (254) 939-0468
mariongrayson@gmail.com
Alternate: Sam Listl, Cheryl Maxwell

Councilmember Dan Yancey
City of Copperas Cove
PO Drawer 1449; 914 S. Main St., Ste. C
Copperas Cove, TX 76522
Phone: (254) 547-4221
dyancey@copperascovetx.gov
Alternate:

Mayor Spencer Smith
City of Harker Heights
305 Miller's Crossing, Harker Heights, TX 76548
Phone: (254) 953-5600
Fax: (254) 953-5605
shsmith@ci.harker-heights.tx.us
Alternate: David Mitchell

Mayor Tammy Cockrum
Bell County
2 W. Mesquite Ave
Rogers, TX 76569
Phone: (254) 642-3312
Fax: (254) 642-3102
Mayor@cityofrogers.us

Councilmember Butch Menking
City of Killeen
101 N. College Street
Killeen, TX 76541
Phone: (254) 501-7600
butchmenking@killeentexas.gov
Alternate: David Olson

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

Councilmember Gregory Johnson
City of Killeen
101 N. College Street
Killeen, TX 76541
Phone: (254) 702-5162
gjohnson@killeentexas.gov
Alternate: Ron Olson, Dennis Baldwin, Councilmember Shirley Fleming.



POLICY BOARD

Commissioner Mark Rainwater
Lampasas County
P.O. Box 231
Lampasas, TX 76550
Phone: (512)734-0742
Fax: (512)556-8270
rainwater150@gmail.com
Alternate:

Carole Warlick
General Manager, Hill Country Transit District
P.O. Box 217, San Saba, TX 76877
Phone: (325) 372-4677
Fax: (325) 372-6110
cwarlick@takelehop.com
Alternate: Darrell Burtner

Stan Swiatek, P.E.
District Engineer, TxDOT Waco
100 S. Loop Drive
Waco, TX 76704
Phone: (254) 867-2700
Fax: (254) 867-2890
Stan.swiatek@txdot.gov
Alternate: Victor Goebel

Elias Rmelli, P.E.
TxDOT Brownwood District Engineer
2495 Hwy 183 North
Brownwood, TX 76802
Phone: (325) 643-0411
Fax: (325) 643-0364
elias.rmelli@txdot.gov
Alternate: Jason Scantling

NON VOTING MEMBERS

Brian Dosa
Ft. Hood Public Works Director
Building 4612
Fort Hood, TX 76544
Phone: (254) 287-2113
brian.l.dosa.civ@mail.mil

Justin P. Morgan
Federal Highway Administration, Texas Division
300 East 8th Street, Rm 826
Austin, Texas 78701
(512) 536-5943
Justin.morgan@dot.gov



metropolitan planning organization

BICYCLE/PEDESTRIAN ADVISORY COMMITTEE

Chair Kara Escajeda
Nolanville City Manager
101 North 5th Street
Nolanville, TX 76559
Email: kara.escajeda@ci.nolanville.tx.us

Vice Chair Brian Chandler
Temple Planning Director
2 North Main Street
Temple, TX 76501
Email: bchandler@templetx.gov

Matt Bates
Belton Park and Recreation Director
P.O. Box 120
401 N. Alexander
Belton, TX 76513
Email: mbates@beltontexas.gov

Joe Brown
Copperas Cove Park and Recreation Director
1408 Golf Course Road
Copperas Cove, TX 76522
Email: jbrown@copperascovetx.gov

Katelyn Kasberg
TxDOT Waco District
100 S. Loop Drive, Waco, TX 76704
Email: Katelyn.Kasberg@txdot.gov

Courtney Peres
City of Harker Heights
305 Millers Crossing
Harker Heights, TX 76548
Email: cperes@ci.harker-heights.tx.us

Pamela Terry
Citizen Representative
Email: TERRYP8@nationwide.com

Keller Matthews
BS&W Cycling Club/Citizen Representative
600 S 25th St
Temple, TX
Email: KMATTHEWS@sw.org

Chad Welch
Tri-City Bicycles/Citizen Representative
1010 Arbor Park
Belton, TX 76513
Email: welchc01@live.com
Alternate: Mike Anderson

Mike Anderson
Tri-City Bicycles/Citizen Alternate
Email: mikeanda@att.net

Doug Edwards
Central Texas College/Citizen Representative
6200 W. Central Texas Expy
Killeen, TX 76549
Email: doug.edwards@ctcd.edu

Marlene Maciborski
Women on Wheels/Citizen Representative
Email: mdv8ed@hotmail.com

John Wlist
King of the Mountain Cyclery
100 A North Main St.
Nolanville, TX 76559
Email: 1komjohn@gmail.com

Kristina Manning
Ft. Hood
Email: Kristina.l.manning.civ@mail.mil
Alternate: Mario Perez



STAFF

Jim Reed, AICP

Interim Director

Phone: (254) 770-2200

Fax: (254) 770-2360

jim.reed@ctcog.org



Uryan Nelson

PRS Division Director

Phone: (254) 770-2373

Fax: (254) 770-2360

uryan.nelson@ctcog.org

Kendra Coufal

Planning Services Manager

Phone: (254) 770-2363

Fax: (254) 770-2360

kendra.coufal@ctcog.org

Sydnee Steelman

Regional Planner

Phone: (254) 770-2379

Fax: (254) 770-2360

sydnee.steelman@ctcog.org

James McGill

Regional Planner

Phone (254) 770-2366

Fax: (254) 770-2360

james.mcgill@ctcog.org



Commonly Used Transportation Related Acronyms and Terms

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

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

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)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding Amounts
W40-01b	2304-02-0386.2.004-02-040	FM 2410	Row Reynolds Dr to Commercial Drive	Widen from 2 to 4 lane roadway with sidewalks, median and turn lanes incorporating context sensitive design	N/A	N/A	N/A	\$8,800,000	2017	Yes	N/A	FY15-FY17 MPO Proposition 1: \$17,800,000
W40-02	0231-03-143	US 190	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	
C30-03b	0231-02-062	Business US 190 Phase 1	FM 1113 (Avenue D) to Constitution Dr.	Construction of a raised median, bike lane and sidewalk on south side of project, and convert the north outside lane to a shared vehicle and bicycle lane to retain three travel lanes in each direction	81.00	4	4	\$10,000,000	2020	Yes	EJ	FY18-20 Category 2: \$84,000,000
W40-05	0231-04-060	US 190	FM 2410 in W Belton to IH 35	Widen main lanes from 4 to 6 lanes and resurface	83.79	3	3	\$35,000,000	2020	Yes	EJ	
W40-04a (1)	2502-01-021	Loop 121 Phase 1a	Take Rd (FM 433) 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	Iconic/McCleary to Industrial Blvd	Construct interchange and expand 2 to 4 lanes with frontage roads	72.00	3	1	\$45,000,000	2021	Yes	H	
W35-01	0231-19-003	US 190 Bypass	E of Copperas Cove to 0.5 mi W of Lampasas County Line	Widen from two lanes to four lanes divided and construct interchange	68.27	9	2	\$48,150,000	2021	Yes	L, H,	FY21-22 Category 2: \$127,350,000
W45-01	0231-03-152	IH 10 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 Heidelberg 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 ³	Project Ranking ³	Prioritized List ³	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	
K30-02	0909-36-156	Rosewood Dr Extension	Rosestone Dr to Chaparral Dr	Construction of a 4 lane roadway with center median with an off-system bridge	38	4	6	\$7,965,049	2018	No	EJ, ARZ	FY15-17 Category 7 Funds: \$15,530,684
N40-01	2057-01-009	Main St Connectivity	Ave 1 to US 190 Frontage	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	

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
K40-27 ¹	0836-02-073	SH 195	0.1 MI N of FM 3420 to 0.1 MI S of FM 3420	Transposed undersize for northbound and southbound traffic on SH 195 (romage rade and FM 3420 (Span Schlueter)	42.68	41	7	\$800,000	2019	Yes	EI	
H35-01	0231-03-147	US 190 at FM 2410	East Central Tx Espry W to East Central Tx Espry East	Construction of a west to east turnaround at FM 2410	67.11	6	8	\$5,000,000	2020	Yes	N/A	
140-12	1835-02-058	31st St Sidewalks (EM1741)	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	
140-15	0184-03-039	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	FM 35 to MLK Jr Blvd (Spur 290)	Construct shared use path for pedestrian and bicyclists	92.00	2	2	\$1,300,000	2019	Yes	EI, H	
C40-05	3128-01-013	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	FY18-20 Category 7 Funds: \$11,976,956
C40-04c	0909-39-133	The Narrows (Charles Tillman Way)	Charles Tillman Way from Constitution Dr to Charles Tillman Way @ IG III Blvd	Construct shared use path for pedestrian and bicyclists	70.32	11	6	\$170,000	2020	No	EI, H	
S40-04a	2136-01-020	Main St Sidewalk Phase 1	Eschade Plaza Dr to College (from W to E)	Main St Improvements to include lighting, sidewalks, & striping for bicycles	81.01	3	7	\$1,616,956	2018	No	H, ARZ, ES	
A40-15	0909-36-162	Fleet Replacement Project	Killean UZA	Purchase Buses	N/A	N/A	N/A	\$1,615,000	2018	N/A	N/A	
140-07a	0909-36-903	Temple Outer Loop West Phase I	52.2 ft South of Jupiter to 45.4 ft South of Dove Meadow Blvd	Widen from 2 to 4 lanes divided roadway and curb and gutter, Phase 1	64.67	17	4	\$10,398,198	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, Killean UZA-Two, Temple UZA-One	Purchase Buses to Provide Transportation	N/A	N/A	N/A	\$1,145,000	2021	N/A	N/A	

COMBINED CATEGORY 7 AND MPO CATEGORY 9 PROJECTS

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
C40-04a	0909-39-131	The Narrows (Constitution Drive)	Constitution Dr from Riverdale to U.S. 190 Main St to U.S. 190	Construction of sidewalks for pedestrian/bicycle use	72.78	8	9	\$850,000	2020	No	EI, H	FY 18-20 Category 7 (\$360,000) and Category 9 (\$490,000): \$850,000

MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)

KTMP ID	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	Reynold Dr from Hickelback Dr to Pyrite Dr	Construction of a hike and bike trail with lighting	23	1	1	\$800,000	2018	No	EI, ARZ	FY15-17 Category 9 Funds: \$800,000
C40-04b	0909-39-132	The Narrows (RG III at Old Coppers Cove Rd)	RG III Blvd from Constitution Dr to Old Coppers Cove Rd at Constitution Dr	Construct sidewalks for pedestrian/bicycle use	70.87	9	10	\$680,000	2020	No	EI, H	FY18-20 Category 9 Funds: \$680,000
H45-03	0909-36-169	13th Avenue Sidewalk & Shared Use Path	Main St (SH 317) to Waco Road (FM 817)	Construct 5' sidewalks on the north side of 13th Ave from Main St to Woodall; Transition to 10' SUP from Woodall to Waco Rd	72.16	7	4	\$423,611	2021	No	P	FY21-22 Category 9 Funds: \$423,611

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

KTMP ID	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 Statewide TAP Funds: \$6,118,899
K40-21a	0909-36-152	Killean 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	\$3,448,384	2017	No	EI, 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	EI, P	FY17 TASA Funds: \$1,990,570

GROUPED PROJECTS

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

KTMP/ID	CSI Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding ⁴
W30-17	1835-01-026	FM 93 Phase 1 and 2	SH 317 to Wheat Rd	Widen from 2 to 4 lane roadway with a bike lane and 6 foot sidewalks	64.81	16	3	\$8,794,443	2023	Yes	E, J, H, P	
140-07b	0909-36-174	Temple Outer Loop West Phase II	454 ft South of Dove Meadow to IH-35 S	Widen from 2 to 4 lanes with divided roadway and curb and gutter; includes bike & bike trail and bike dedicated lanes to incorporate multimodal transportation	64.67	17	4	\$9,701,802	2027	No	P, H	
830-13	0909-36-175 0909-36-172	Chaparral Rd	SH 195 to FM 3481 (Stillhouse Hollow Lake Rd)	Reconstruct and widen roadway from 2 to 4 lane divided roadway with bicycle and pedestrian facilities.	59.99	27	5	\$23,000,000	2023	No	E, H	Short Range Funding: \$44,500,000
D40-01	N/A	North Waco Rd (Old 81)	West Main St to West Big Elm	Widen from 2 to 4 lanes, with curb and gutter, bridge improvements	52.64	44	6	\$4,600,000	TBD	No	—	
H40-05	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 10ft wide hike/bike path on east side	48.17	50	7	\$8,968,950	2025	No	H	
M40-03	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	Sulaco West Village Road Capacity and Enhancement Project	Thomas Ansd Rd to IH 35	Widening roadway, add turn lanes and bike/ped facilities	36.45	66	9	\$306,500	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	E, J, H	
C35-02ab ⁵	N/A	FM 116 Railroad Underpass	S Main (through existing parking facility) to Ave B	Create an underpass at the existing BNSF railroad with sidewalks	71.73	4	12	\$13,470,000	2023	Yes	EJ	
W25-02	N/A	SH 36	SH 317 to Lake Belton	Widen from 2 to 4 lane divided roadway	71.63	5	13	\$36,715,000	TBD	No	P	
W35-04	N/A	FM 439	Roy Reynolds Drive to FM 3219	Widen from 4 to 6 lanes	70.27	6	14	\$11,939,000	TBD	No	EJ	
H45-03	N/A	FM 3481 (Stillhouse Lake Road) Phase 1	Prospector Trail to Proposed Chaparral Road Intersection	Widen roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks	69.33	7	15	\$6,566,500	2024	No	H, ARZ, P	
W30-23	N/A	US 190/Loop 363	Spur 290 to SH 95	Upgrade to 4 lane freeway with continuous frontage roads and grade separation at MEX 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 1116 South	Convert the center turn lane to a controlled left turn lane with raised median, maintain the two existing travel lanes, add curb and gutter on north and south sides of the roadway, 6' sidewalk on the south side, right-of-way, pedestrian crossings with curb ramps at street intersections, bicycle lanes on the outside travel lanes.	68.16	10	17	\$7,400,000	2022	Yes	EJ	
W35-08	N/A	FM 93	FM 1741 to SH 95	Widen from 2 to 4 lanes, provide for a raised median and construct grade separation at UP RR	66.44	11	18	\$12,588,000	TBD	Yes	H	
H45-01	N/A	E. FM 2410 (E. Knights Way) Phase 1	Cedar Knob Rd to Warriors Path	Widen from 2 to 4 lanes with a continuous turn lane with curb and gutter and sidewalks	66.35	12	19	\$5,561,000	TBD	No	—	
W30-13	N/A	FM 2484	FM 1070 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) (see configuration)	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	Long Range Funding: \$344,100,000
K40-24	N/A	Featherline Drive	Stagecoach Rd to Chaparral Rd	Widen from two to four lanes with a center turn lane and roundabouts at Featherline Rd and Stagecoach Rd and Stagecoach Rd at W.S. Young Drive	65.00	15	22	\$9,000,000	2025	No	EJ	
H15-01	N/A	FM 2422 (Indian Trail)	Business 190 (WMB) 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 curb and gutter, hike and bike trails and will incorporate multimodal design	64.45	19	24	\$8,500,000	TBD	Yes	EJ	
K40-11	N/A	WS Young Drive	Mail Dr to AJ Hall Blvd	Add turn lane and relocate traffic signal at Mail Dr to AJ Hall Blvd	64.09	20	25	\$4,889,549	TBD	Yes	EJ	
M40-06	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 TX81 - Phase I	FM 1237 to Loves Overpass	Widen from 2 to 4 lanes with bicycle lanes and curb and gutter	61.55	22	27	\$3,500,000	TBD	No	H	
H45-04	N/A	FM 2481 (Stillhouse Lake Road) Phase 2	Proposed Chaparral Road Intersection to South City Limits	Widen roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks and bike lanes	60.84	24	28	\$6,306,620	TBD	No	H, ARZ, P	
K40-16	N/A	East Trimmer Rd Improvements	Stagecoach Rd to Chaparral Rd	Widen roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks and bike lanes	60.84	23	29	\$7,000,000	TBD	No	EJ	
H30-01	N/A	Business US 190 (Veterans Memorial Blvd)	Business US 190 (Veterans Memorial Blvd)	Reduce roadway profile, install curb & gutter, access management/driveaway control, drainage improvements, sidewalks, medians and other context sensitive solutions	60.19	26	30	\$5,000,000	TBD	No	E, J, L, H	
B40-10	N/A	FM 1670	US 190 to Three Creeks Boulevard	Widen from 2 to 4 lane roadway with a 10' hike and bike trail	59.45	28	31	\$5,643,360	TBD	No	E, J, H	
W35-02	N/A	SH 195 at FM 3470 (SS Loop) Reconstruction	SH 195 at FM 3470 (SS Loop) Reconstruction	Upgrade interchange	59.17	29	32	\$52,500,000	TBD	Yes	EJ	

Project ID	Project Name	Location	Description	Start Year	End Year	Estimate	Priority	Impact	Notes
145-16	South 3rd Street Extension	Loop 364/US 190 to Blackhawk Rd	Construct arterial thoroughfare with street trees, sidewalks and bicycle lanes.	2020	2023	\$10,830,000	33	No	---
145-04	SH 195 Overpass	4th Business 190	Construct grade separation over Business 190 and BUSSE BR	2020	2023	\$20,000,000	34	Yes	EJ
040-11	FM 2221 (Lake to Lake Road)	FM 1620 to FM 2221	Construct 4 lane roadway with 10' wide trail	2020	2023	\$49,000,000	35	No	EJ, H, P
145-15	Temple Outer Loop - East	SH 35 to FM 93 at Business 190	Construction of a 4 lane divided roadway and curb and gutter, includes bike lane, trail and bike dedicated lanes to incorporate multimodal transportation	2023	2023	\$74,000,000	36	No	EJ
040-07	Connel Street	US 190/HH 14 to Loop 121	Widen from 2 to 4 lanes with center turn lane and 5' wide sidewalks	2020	2023	\$6,244,000	37	No	EJ
045-09	FM 93	SH 35 to SH 36	Widen from 2 to 4 lanes, provide for a raised median	2020	2023	\$5,245,000	38	Yes	EJ
040-26	Cannlham Rd	US 190/HH 14 to Little Indian Rd	Construct and widen from 2 to 4 lane road with shoulder, median turn lane, and bike/ped facilities	2020	2023	\$7,817,250	39	No	EJ
040-03	FM 3470 Extension	SH 201 (Clear Creek Rd)	Construct 4 lane FM Road with continuous turn lane and shoulders	2020	2023	\$15,000,000	40	No	H
045-02	E. FM 2410 (E. Knights Way) Phase 2	Warriors Path to Rummel to US 190 Bypass	Widen from 2 to 4 lanes with a continuous turn lane with curb and gutter and sidewalks	2020	2023	\$5,149,800	41	No	L
040-17	Trinimeter Road Improvements	Chaparral Rd to Jasper Rd	Widen from 2 to 4 lanes with a median	2020	2023	\$7,900,000	42	No	EJ, P
020-23	Jasper Bridge Expansion	S Florence Rd to Jasper Dr	Construct 6 lane overpass with pedestrian improvements with turnarounds	2020	2023	\$14,628,150	43	No	EJ
020-05	Florence Rd	Loop 121 to Duval Canyon Rd	Widen from 2 to 2 lane section with curb and gutter	2020	2023	\$6,292,150	44	No	EJ
040-08	Sparta Road	SH 195 at US 190/HH 14	Construct protected turn lane with 10' wide bike and bike trail	2020	2023	\$2,080,000	45	No	H, P
045-05	SH 195 at US 190/HH 14	SH 195	Upgrade interchange	2020	2023	\$52,450,000	46	Yes	EJ
115-02	Keyley Road (Phase 2)	856 ft S of FM 2305 to 459 ft S of Whittoway Lane	Widen and add middle turn lane, curb and gutter, includes 12' shared use path and will incorporate multimodal design	2020	2023	\$3,800,000	47	No	H
195-13	Little River Road	SE HR Dodgen Loop to FM 93	Reconstruct two lane arterial roadway with center turn lane, bike lanes and 6' sidewalks	2020	2023	\$12,888,000	48	No	EJ
040-25	Bunny Trail/SH 201 (Clear Creek Rd) Traffic Signal	Intersection of Bunny Trail and SH 201 (Clear Creek Rd)	Install traffic signal	2020	2023	\$190,000	49	Yes	EJ
045-03	SH 195	SH 8420 (S Loop) to Chaparral Rd	Reconstruct to 4 lane freeway with frontage roads	2020	2023	\$39,862,000	50	Yes	EJ, H
040-02	Southwest Parkway	Loop 121 to W. Ave O	Construct 2 lane roadway with center turn lane	2020	2023	\$4,200,250	51	No	---
045-01	FM 439 Roundabout	Intersection of Mads St (FM 439 Spur) and Avenue 1	Construction of a roundabout	2022	2023	\$10,000,000	52	No	---
145-11	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.	2023	2023	\$3,940,000	53	No	EJ
040-06	FM 2484	SH 35 to east end of Three Creeks subdivision	Widen from 2 to 4 lane divided roadway	2020	2023	\$35,000,000	54	No	H, ABZ, P
030-02	Shandin Road West - Outer Loop	SH 35 to east end of Three Creeks subdivision	Construct 4 lane roadway	2020	2023	\$10,820,000	55	No	---
040-09	West Avenue D	Loop 121 to Wheat Rd	Construct 2 lane roadway with sidewalks and bike lanes	2020	2023	\$4,936,200	56	No	EJ
045-03	Nola Ruth Reconfiguration	Intersection of Nola Ruth Blvd at US 190/HH 14	Improve intersection to enhance safety	2020	2023	\$10,000,000	57	No	---
030-03	Belton Outer Loop East	SH 35 at Shamblin Rd to FM 436	Construct 2 lane roadway with shoulder	2020	2023	\$12,060,000	58	No	---
040-01	Bluey Drive	Washington Dr to HH 35 Frontage Rd	Construct 2 lane roadway with center turn lane	2020	2023	\$2,635,000	59	No	EJ
145-17	Azalea Drive	Lowes Dr to S. 1st St. Future Extension	Construct new two-lane roadway with a continuous center turn lane, 5' bike lanes, and 6' sidewalks	2020	2023	\$4,975,000	60	No	EJ
030-01	George Wilson Extension	PA 93 at George Wilson Rd to FM 439	Construct 2 lane roadway with shoulder	2020	2023	\$1,386,084	61	No	EJ
030-03	Veterans Memorial Blvd/Business 190 to FM 439	Veterans Memorial Blvd/Business 190 to FM 439	Widen from 2 to 4 lane divided roadway	2020	2023	\$4,000,000	62	No	L, H
045-08	Mesquite Road Improvements	1-35 Frontage Rd to Shamblin Rd	Widen to 2 lanes with curb and gutter, shoulders/bike lanes, and 6 ft wide sidewalk on both sides.	2020	2023	\$5,591,000	63	No	H
045-02	FM 439 Shoulder Improvements & Bike Lanes	N. 38th St to Sparta Rd	Construct a continuous shoulder/bike lane.	2020	2023	\$1,600,000	64	Yes	EJ, P
040-07	Warriors Path Extension Phase 1	GM Nokesville Rd to US 190/HH 14	Extend Warriors Path to US 190/HH 14	2020	2023	\$5,703,255	65	No	H
145-10	East Avenue C	14th St to 24th St	Reconstruct roadway to 2 lanes and add bike lanes, sidewalks, lighting, and landscaping.	2023	2023	\$2,630,000	66	No	EJ
145-12	Lake Pointe Drive	SH 317 to Clarke Grove (Future Collector)	Construct 2 lane roadway with bike lanes and sidewalks	2023	2023	\$4,000,000	67	No	---
145-14	Lower Troy Road	East Young Ave to Loop 363	Reconstruct roadway to 2 lanes with a continuous center turn lane and 6 ft sidewalks	2023	2023	\$6,920,000	68	No	EJ

Regionally Significant Unfunded LRT

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

Unscored/Unfunded List

TRANSIT PROJECTS

KTMPD ID	CSI Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding 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)												
KTMPD ID	Project Name	Description	Funding									
G01-PE	Preventative Projects	Various Locations	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)												
KTMPD ID	Project Name	Description	Funding									
G01-PE	Preventative Projects	Various Locations	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 submitted to KTMPD.
²CMP network is based on the network when that project was selected for funding and/or when project was submitted to KTMPD.
³Environmental considerations is based on the environmental conditions when that project was selected for funding and/or when project was submitted to KTMPD. Use key below for identification purposes.

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

⁴Fiscal Constraints are determined by inputs into the TREMDS model as approved on March 17, 2017. Short range funding is estimated funding for FY2019-2028 and Long Range Funding is estimated funding for FY2029-2045.
⁵Project is a combination between CS5-02a and CS5-02b. Project CS5-02b was the top prioritized liability project.

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

⁷KTMPD 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 TAPPB on October 24, 2018. After assigning bonus points, each submitting entities' top roadway project was moved to the top of the list. The order was based on the total number of points for those top roadway projects. All remaining projects were ranked based on total project score. Other changes to the ranked list included swapping projects H40-03 and H8005 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: KTMPD received a total of 27 liability projects with an estimated total cost of \$34,939,442. Liability 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 (CS5-02b, 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 liability project was moved to the top of the list. Each submitting entities top liability 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