



Technical Advisory Committee

**May 5, 2021
9:30 a.m.**

Agenda



**Killeen-Temple Metropolitan Planning Organization
Technical Advisory Committee (TAC)
Wednesday, May 5, 2021**

Electronic Meeting: 9:30 A.M.

Please join meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/971202509>

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Access Code: 971-202-509

AGENDA

1. Call to Order.
2. Opportunity for Public Comment.
3. Staff Update (pgs. 5-9):
 - a) Committee Meeting Schedule;
 - b) 2045 MTP Reprioritization;
 - c) Apportionment of Highway Infrastructure Program and Public Transit Funds;
 - d) Air Quality.
4. **Action Item:** Regarding approval of minutes from the April 7, 2021 meeting (pgs. 11-13).
5. **Discussion and Action Item:** Regarding recommendation of approval to allocate funding for FY21 Special Studies in the FY22-23 Unified Planning Work Program (UPWP) (pgs. 15-17).
6. **Discussion and Action Item:** Regarding the awarding of bonus points and resulting project rankings from the April 2021 TAC meeting (pg. 19).
7. **Discussion and Action Item:** Regarding approval of prioritized project rankings for the 2045 MTP Reprioritization (pg. 21).
8. **Discussion Item:** Regarding Categories 2, 7 and 9 funding allocations for the 2045 MTP Reprioritization (pgs. 23-24).
9. **Discussion Item:** Regarding the Final Report for the Regional Freight Transportation and Parking Study (pgs. 26-28).
10. **Discussion Item:** Regarding public input received through April 2021 (pgs. 30-31).
11. Member comments.
12. Adjourn.

Item 3:

Staff Update

Staff Update

a) Listed below are the upcoming KTMPO meetings:

- May 19, 2021 – Transportation Planning Policy Board (electronic)
- June 2, 2021 – Technical Advisory Committee (electronic)
- June 16, 2021 – Transportation Planning Policy Board (electronic)
- June 22, 2021 – Bicycle Pedestrian Advisory Committee (electronic)
- July 7, 2021 – Technical Advisory Committee (electronic)
- July 21, 2021 – Transportation Planning Policy Board (electronic)

All meetings are scheduled for 9:30am at the Central Texas Council of Governments offices in Belton, Texas, unless otherwise noted (ie – electronic meeting).

b) 2045 MTP Reprioritization

- An updated schedule is included on the following page.

c) Apportionment of Highway Infrastructure Program and Public Transit Funds

- FTA Publishes Supplemental Oversight Dear Colleague Letter

On April 22nd, FTA published a Dear Colleague letter outlining its oversight approach for the nearly \$70 billion in Federal funding FTA is providing to support the transit industry's COVID-19 response and recovery efforts. Oversight is one of the most critical functions FTA performs. Protecting the integrity of Federal COVID-19 relief funding is both necessary and beneficial for FTA, the transit industry, and the public. FTA is supplementing its normal oversight reviews, conducting new financial spot reviews, and providing additional technical assistance focusing on the use of COVID-19 relief funds.

- FTA Announces More Than \$10 Million Funding Opportunity for Transit Planning to Address Climate Change and Equity in Communities Nationwide

On April 22nd, FTA today announced the availability of approximately \$10 million in competitive grant funds through a Notice of Funding Opportunity (NOFO) for FTA's Pilot Program for Transit-Oriented Development (TOD) Planning. The funds will support comprehensive planning efforts that help connect communities, improve access to public transportation and affordable housing, and support President Biden's call to combat climate change, advance environmental justice, and promote equitable delivery of benefits to underserved communities.

In support of the President's January 20, 2021 Executive Orders on Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis (EO 13990) and Advancing Racial Equity and Support for Underserved Communities Through the Federal Government (EO 13985), FTA will prioritize projects that will help improve air quality in non-attainment and maintenance areas for certain criteria pollutants under the National Ambient Air Quality Standards and promote equitable delivery of benefits and services to underserved communities. This consideration will further the goals of the Executive Orders, including the goal to prioritize environmental justice.

FTA's Pilot Program for TOD Planning funds comprehensive planning to increase transit access and to encourage ridership with mixed-use and mixed-income development near public transportation projects. Examples of eligible projects include comprehensive planning studies around station areas for new fixed guideway projects, such as light-rail, heavy rail, commuter rail, or bus rapid transit systems that have a designated right-of-way. Information on previously funded projects can be found [here](#).

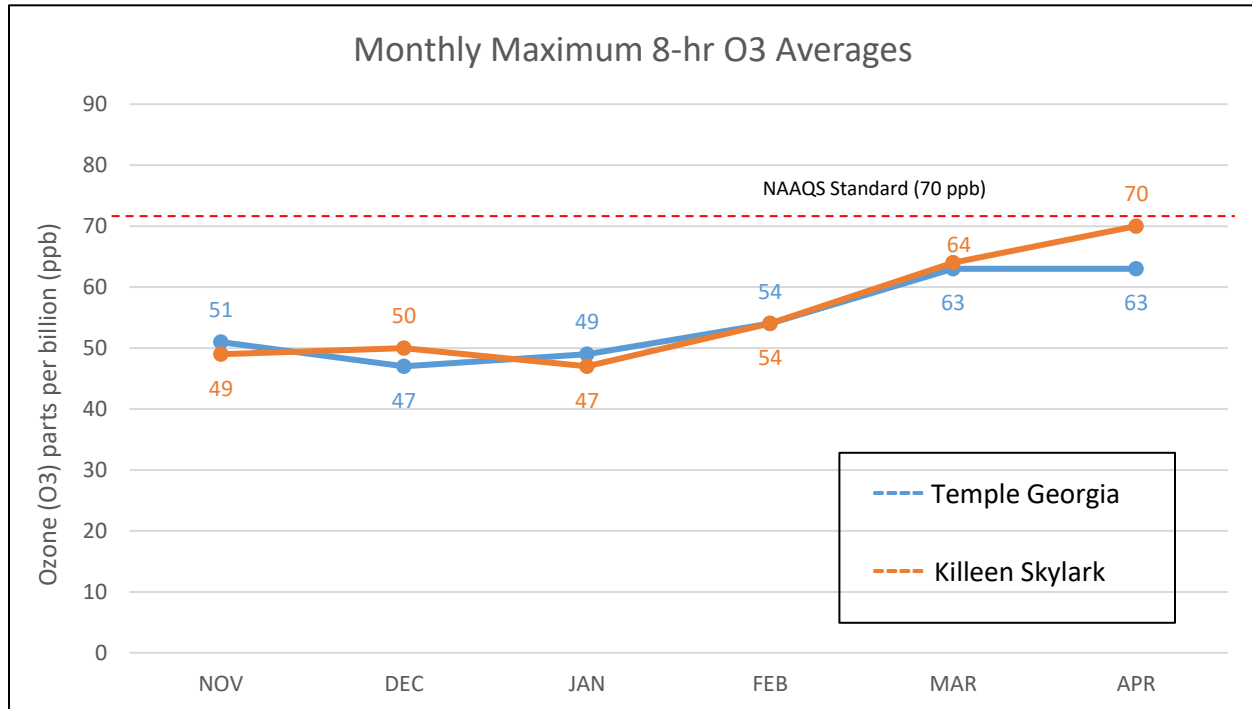


2045 MTP Reprioritization Schedule

May 2019-May 2020	Evaluation and Development of MTP project scoring criteria.
July 2020	Development of task order and solicitation and selection of Consultant for Reprioritization of CMP Network Segments.
September 2020	Present updated Project Application Scoring Packet; Recommendation and approval of Project Application Scoring Packet; Recommendation and approval of MTP Reprioritization Schedule.
September 2020	Development of task order and solicitation and selection of Consultant for objective scoring of MTP projects.
October 1, 2020	Call for Projects opens.
October 30, 2020	Submission deadline for questions pertaining to the Call for Projects.
November 5-6, 2020	TxDOT review of on-system projects.
November 13, 2020	Call for Projects closes.
November 20, 2020	Project applications submitted to Consultant.
December 2020	Reprioritization of CMP Network Segments completed by Consultant; Initiate and conduct public involvement for reprioritized CMP segments.
January 13, 2021	Approval of Reprioritized CMP Network Segments; Virtual Project Bus Tour; TAC conducts subjective scoring on their own.
January 27, 2021	TAC Subjective Scoring Question & Answer Workshop.
January 31, 2021	Objective scores completed by Consultant.
February 10, 2021	TAC subjective scores due to KTMPO.
February 17, 2021	Cumulative Objective and Subjective scores sent to BPAC/TAC/PB; Request questions regarding scores for March meetings.
February 23, 2021	BPAC discussion of priority livability projects.
March 3, 2021	TAC review of Major Activity Centers.
April 7, 2021	TAC review and approval of Major Activity Centers; Presentation and Q&A session regarding objective scores; Discussion of bonus points and approval of project scores and resulting project rankings; Discussion of prioritization of project rankings.

May 2021	Continued discussion, recommendation, and approval of project prioritization of project rankings; Discussion of Categories 2, 7 and 9 funding allocations; Staff request and receive total project costs with project estimates and inflation from TxDOT; Staff prepares funding scenarios for Categories 2, 7, and 9.
June 2021	Presentation of funding scenarios for Categories 2, 7, and 9; Continued discussion, recommendation, and approval of Categories 2, 7, and 9 funding allocations; Recommendation, approval and conducting of public involvement process for TIP and MTP Reprioritization amendments.
July 2021	Recommendation and approval of TIP and MTP Reprioritization amendments.

d) Air Quality



Compliance with EPA Ozone Standard: 4th Highest Annual Value				3-year average (Calculated on Jan. 5 2021)
	2018	2019	2020	
Temple	69	63	64	65
Killeen	72	67	63	67

Action Needed: No action needed; for discussion only.

Item 4:

Meeting Minutes



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

Wednesday, April 7, 2021
9:30 AM

Electronic Meeting

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

Technical Advisory Committee Voting Members

Bobby Lewis – City of Copperas Cove	Bryan Neaves – Bell County Engineer
Jason Deckman – City of Temple	Victor Goebel – TxDOT Waco District
MD Hossain for Kent Cagle – City of Killeen	Jason Scantling – TxDOT Brownwood District
Bob van Til – City of Belton	Darrell Burtner – Hill Country Transit District
Judge Roger Miller – Coryell County	

Additional Attendees

Ryan Haverlah – City of Copperas Cove	Brigida Gonzalez – TxDOT TPP
David Olson – City of Temple	Mario Perez – Fort Hood
Kara Escajeda – City of Nolanville	Michael Love – Fort Hood
Tony McIlwain – City of Killeen	Charlie Sullivan – CDM Smith
Courtney Peres – City of Harker Heights	Jim Harvey – ATG
Don Ferguson – Village of Salado	Gandolf Burris – Grant Development Services
Brenton Lane – TxDOT Waco District	Aaron Tuley - Halff
Christi Bonham – TxDOT Waco District	Uryan Nelson – KTMPO
Erika Kunkel – TxDOT Waco District	Kendra Coufal – KTMPO
Allen Duncan – TxDOT Waco District	James McGill – KTMPO
Stephen Kasberg – TxDOT Bell County Engineer	

In observance of State and Local directives regarding social distancing and travel; members participated via the live stream where possible.

Meeting Minutes:

- 1. Call to Order:** Uryan Nelson 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; 2045 MTP Reprioritization; Apportionment of Highway Infrastructure Program and Public Transit Funds; Administrative Amendments to the 2045 MTP; Projects Submitted to 2021 TxDOT TA Call for projects; Air Quality.

Uryan Nelson informed the TAC of upcoming board and advisory committee meetings through June. Mr. Nelson updated the TAC on the progress with the 2045 MTP Reprioritization and recent schedule changes. Mr. Nelson shared information regarding the apportionment of FHWA Highway Infrastructure Program funding and Public Transit funding related to the Covid-19 pandemic. Mr. Nelson stated that administrative amendments were made to 3 projects in the MTP and that 2 projects from the KTMPO region were submitted to the 2021 TxDOT TA Call for Projects. Air quality readings for the month of March were 63 parts per billion (ppb) at the Temple station and 64 ppb at the Killeen station.

4. Action Item: Approve minutes from the March 3, 2021 meeting.

Jason Deckman made a motion to approve the March 3, 2021 meeting minutes, seconded by Judge Roger Miller; the motion passed unanimously.

5. Discussion and Action Item: Regarding approval of major activity centers in the KTMPO region and an addendum to the Project Scoring Process to include approved list with technical memo.

Kendra Coufal reminded the TAC that the KTMPO major activity centers list was brought before the TAC in March. Ms. Coufal stated that staff recommends using the 500+North Temple Industrial Park scenario for the Large Commercial Development threshold and recapped what the process has been so far. Various members provided comments for future revisions to the Major Activity Center list and making the criteria more equitable to the smaller cities.

Robert Lewis made a motion to approve the major activity centers list and an addendum to the Project Scoring Process including the list and technical memo, seconded by Jason Deckman; the motion passed unanimously.

6. Discussion and Action Item: Regarding Q&A session with CDM Smith on project objective scores

Uryan Nelson stated that all objective scores have been completed and included in the meeting packet for review. Mr. Nelson opened a Q&A session for anyone with questions regarding the objective scores. Jason Deckman asked a question about all projects scoring low in Category 1B if that was unintentional or on purpose. Charlie Sullivan with CDM Smith and Jim Harvey with ATG both provided comments on why projects scored low in that category and how scoring can be more balanced.

7. Discussion Item: Regarding approval of final project rankings for the 2045 MTP Reprioritization.

Kendra Coufal explained that prior to the finalization of scores for the Reprioritization the TAC is given an opportunity to add bonus points to projects. Ms. Coufal stated this process is meant to only address exceptions, projects that had a critical element under evaluated in the formal scoring process. Jason Deckman with Temple requested 3 bonus points for project T45-18 and Bobby Lewis with Copperas Cove requested 3 bonus points for project C45-02. No opposition to their request was presented.

Jason Deckman made a motion to provide 3 bonus points to projects T45-18 and C45-02, seconded by Darrell Burtner; the motion passed unanimously.

8. Discussion Item: Regarding prioritization of final project rankings for the 2045 MTP Reprioritization.

Kendra Coufal explained that following the approval of project rankings, the next step is to prioritize the ranking list for the purposes of funding. Kara Escajeda expressed frustration at Nolanville's top project dropping because of the bonus points added. Jason Deckman asked if funding scenarios would be shown to the TAC. Ms. Coufal stated that they would.

9. Discussion and Action Item: Regarding prioritization and recommendation of approval of proposed FY21 Special Studies.

Kendra Coufal stated that the list of proposed FY21 Special Studies were included in the packet with a preliminary priority ranking from staff. Ms. Coufal requested feedback on the priority ranking for funding and informed the TAC that \$150,000 in funding for these studies is expected. Ms. Coufal also stated that if no feedback was offered, an option to continue with the order as listed by staff until funding has been used up.

Robert Lewis made a motion to approve the proposed list of FY21 Special Studies as prioritized by staff until funding has been depleted, seconded by Jason Deckman; the motion passed unanimously.

10. Discussion and Action Item: Regarding Resolution 2021-06 for May 2021 as National Bike Month.

James McGill informed the TAC that this Resolution for National Bike Month is brought up yearly for approval. Mr. McGill stated that BPAC also approves this resolution and collaborates to support events and activities that promote biking in the region.

Jason Deckman made a motion to approve Resolution 2021-06 for May 2021 as National Bike Month, seconded by Robert Lewis; the motion passed unanimously.

11. Discussion Item: Regarding TxDOT 2020 AADT Reviews.

James McGill stated that TxDOT has provided an opportunity to the MPO over the past several years to review the preliminary traffic count data collected from the previous year and provide any comments. Mr. McGill invited any cities interested in reviewing the data and providing comments to schedule a meeting with KTMPO staff. Jason Deckman communicated that Temple was interested.

12. Public input received through March 2021.

Public input received through March 2021 was presented to the TAC. No new comments were submitted since the last meeting.

13. Member Comments:

No member comments.

14. Adjourn: The meeting adjourned at 10:40 a.m.

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

Uryan Nelson, KTMPO Director

Item 5:

FY21 Special Studies

**Allocation of Funding for FY21 Special Studies in
FY22-23 Unified Planning Work Program (UPWP)**

In April, the Policy Board approved the prioritization and funding of FY21 Special Studies (listed on the following page) in the FY20-21 Unified Planning Work Program (UPWP).

After further considering the near-end timeframe of FY21 and the time required to receive appropriate approval on study task orders from TxDOT, solicit consultants, review responses and complete work authorization processes, Staff feels it is best to move forward with preliminary contracting work over throughout the remainder of FY21 and begin study efforts in October, at the beginning of the new fiscal year, FY22.

Action Needed: Recommendation of approval to allocate funding for FY21 Special Studies in FY22-23 UPWP.

I-35 Freight Corridor Study

- Objective: Explore design guidelines for parking, signage, setbacks, etc. for future truck parking sites along the I-35 Corridor.
- Estimated Time Frame: 3 months
- Estimated Cost: \$10,000 to \$20,000

Regional Bridge Height Study

- Objective: Explore existing and future bridge design heights in the KTMPPO region for adequate flow of freight transport.
- Estimated Time Frame: 3 months
- Estimated Cost: \$10,000 to \$20,000

Bike Share Feasibility Study

- Objective: Measure the public demand for and cost of developing a regional bike share system.
- Estimated Time Frame: 3 to 6 Months
- Estimated Cost: \$25,000 to \$40,000
 - Study recommended by BPAC at their January 8, 2019 meeting.

Public Involvement Study

- Objective: Review KTMPPO's Public Involvement strategy and provide recommendations for how to increase public involvement in MPO initiatives.
- Estimated Time Frame: 3 to 6 months
- Estimated Cost: \$20,000 to \$35,000

Trail Utilization Study

- Objective: Measure the utilization of regional trails.
- Estimated Time Frame: 3 months
- Estimated Cost: \$5,000 to \$10,000

Signalization Study

- Objective: Identify the effects of traffic signal timing in the KTMPPO region and assess what steps might be taken to reduce congestion through traffic signal synchronization.
- Estimated Time Frame: 3 Months
- Estimated Cost: \$10,000 to \$20,000

Speed Limit Study

- Objective: Identify maximum recommended speed limits for various roadways based roadway on characteristics and multimodal aspects.
- Estimated Time Frame: 3 Months
- Estimated Cost: \$10,000 to \$20,000

Complete Streets Evaluation Study

- Objective: Implementing the desired Complete Streets design may be a challenge with available right of-way, funding constraints, and regulatory environment. Two general approaches are used to define a policy: either applying Complete Streets treatments to every street or defining layers of modal networks and determining the appropriate mix of treatments for each street.
- Estimated Time Frame: 3 months
- Estimated Cost: \$20,000 to \$25,000

Evaluation of Transit Scoring Criteria

- Objective: Develop a separate transit scoring track with focused scoring criteria to document the transit funding process and encourage additional transit project development or submittal by KTMPPO entities.
- Estimated Time Frame: 1 month
- Estimated Cost: \$5,000

2020 Census and MPO Boundary Expansion Study

- Objective: Review the region's population growth and assess the need for an MPO Boundary Expansion.
- Estimated Time Frame: 3 months
- Estimated Cost: \$10,000 to \$20,000

Item 6:

**Bonus Points and Project
Rankings**

Bonus Points and Project Rankings for the 2045 MTP Reprioritization

In April, the TAC approved the list of Major Activity Centers in the KTMPO Region and held a discussion regarding objective scoring outcomes of various projects. The projects were then considered for bonus points to address exceptions in which projects had a critical element under-evaluated in the formal scoring process. Two projects were selected to receive 3 bonus points each, projects T45-18 (SH 95 turn lanes) and C45-02 (SH 9 off-ramps). The updated project scores and resulting project rankings were approved the TAC.

After the April meeting, Staff received several requests to bring the topic of bonus points back for discussion to further clarify the defined criteria for bonus points and the point scale.

Project Ranking:

It is important to note that project ranking merely represents the calculated outcome (i.e. scores) of the developed criteria and scoring process with the addition of bonus points, if applicable. The desire is also that project ranking remains as true to the developed process as possible. Project ranking does not guarantee priority or funding order.

Bonus Points:

The assignment of bonus points is intended to provide flexibility for special situations and to provide better documentation and transparency for the normal give-and-take inherent to any process involving subjective scoring. The assignment of bonus points is subject to specific criteria:

- The project must have some prominent characteristic which is not adequately covered by the selection criteria. A project whose purpose is to correct an unintended consequence or fine-tune the performance of a previously constructed project would also qualify for this criterion.
- The characteristic must have a regional benefit.
- The reasoning for the assignment of bonus points must be discussed openly, and must be documented.

A bonus score of 1 to 5 points may be added to any project by the TAC with a simple majority vote.

Action Needed: If necessary, continued discussion of projects to be considered for bonus points; Approval of final project rankings for the MTP Reprioritization.

Item 7:

Prioritization of Project Rankings

Prioritization of Project Rankings for the 2045 MTP Reprioritization

As previously mentioned, after the project ranking is finalized, TAC has the opportunity to develop a prioritized list of projects from the list of ranked projects. This prioritized list of projects reflects the funding order recommended by the TAC with a simple majority vote.

The prioritized list may be the same as the ranked list, or the prioritized list may reflect additional adjustments. This task accommodates warranted priority requests due to projects not performing well in the project ranking.

Action Needed: Discussion of prioritization of project rankings; Recommendation of approval of prioritization of project rankings for the 2045 MTP Reprioritization.

Item 8:

Funding Allocations for 2045

MTP Reprioritization

Categories 2, 7 and 9 Funding Allocations for the 2045 MTP Reprioritization

KTMPO anticipates receiving funding through:

- Category 2 (metropolitan corridors),
- Category 7 (metropolitan mobility), and
- Category 9 (transportation alternatives)
- Category 4 (statewide connectivity), but those projects are selected by TxDOT.

Estimated amounts per category are provided below based on figures in TxDOT's 2021 and 2022 United Transportation Program (UTP).

Projects allocated for FY21-24 will be placed in the current Transportation Improvement Program (TIP). Projects placed in the out-years of FY25-31 will act as placeholder projects and are not guaranteed to be funded during the next TIP cycle (FY23-26 TIP).

	2021 UTP	2022 UTP										
Funding	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	Total (mill)
Cat 2 (mill)	\$9.96	\$22.53	\$19.79	\$19.99	\$14.29	\$24.74	\$22.47	\$20.21	\$21.20	\$20.38	\$19.30	\$214.86
Cat 7 (mill)	\$5.76	\$8.53	\$6.48	\$6.43	\$6.50	\$6.57	\$6.25	\$6.28	\$6.35	\$6.43	\$6.54	\$72.12
Cat 9 (mill)	\$0.394	\$0.394	\$0.394	\$0.394	\$0.394	\$0.394	\$0.394	\$0.394	\$0.394	\$0.394	\$0.394	\$4.334

FY21-24 Cat 2 = \$72.27M; Cat 7 = \$27.2M; Cat 9 = \$1.58M

Funding Scenarios:

In the coming weeks, Staff will prepare funding scenarios based upon the figures shown in the table above.

All Scenarios will:

- Assume 10% reservation of Category 7 dollars for transit bus replacement projects for FY21-24.
- Assume a local match for Category 7 on-system roadways for FY21-24.
- Assume 4%, 8% and 12% inflation rates for projects planned for FY23, FY24, and FY25+, respectively.
- Utilize the prioritized list of ranked projects and distribute the anticipated funds for Categories 2, 7, and 9 to maximize the number of projects funded while remaining mindful of the stated priority number.

Action Needed: No action needed; for discussion only.

Historical Notes

In 2018, All scenarios:

- Assumed 10% reservation of Category 7 dollars for transit bus replacement projects.
- Assumed a local match for Category 7 on-system roadways.
- Skipped project three large projects based on project costs and available funding.
- Funded the same Category 2 projects, regardless of scenario.

Scenario A: Favored Roadways w/o Phasing, Did not Fund all Priority Projects

- 13 projects funded: 10 roadway projects and 3 livability projects.
- All projects in this scenario were fully funded.

Scenario B: Favored Livability with Phasing, Did not Fund all Priority Projects

- 13 projects funded: 9 roadway projects and 4 livability projects.
- Some projects in this scenario were partially funded.

Scenario C: Equal Funding with Phasing, Funded all Priority Projects

- 15 projects funded: 11 roadway projects and 4 livability projects.
- Some projects in this scenario were partially funded.
- In this scenario, all entities' top roadway projects were funded with the exception of Nolanville, however their top livability project was funded.

Outcome:

TAC recommended and Policy Board approved Scenario B with changes. In this scenario, nine roadway projects and four livability projects were funded. The proposed changes to Scenario B included allocating funds to project K30-13 (Chaparral Rd Phase 1 project) and H30-05 (Warriors Path) with the anticipation that these projects may be further phased out when updated costs for phased sections are/were provided, combined projects C35-02a (FM 116 Railroad Underpass) and C35-02b (FM 116 Railroad Underpass Sidewalks) as one project, remaining Category 9 funds from C35-02b in the amount of \$223,614 were allocated to project T40-13 (Temple's Georgetown Rails to Trails) to fully fund project, remaining \$696,386 allocated to partially fund project D40-02 (North Waco Rd-Old 81 Sidewalks), and \$300,500 was reduced from Temple's Outer Loop Phase II project award to fund project S40-03 (West Village Rd).

Item 9:

**Truck Parking Study Final
Report**

Final Report for the Regional Freight Transportation and Parking Study

Over the past 9 months CDM Smith has been conducting a study on freight transportation and parking in the KTMPO region.

The project team has completed the following actions: inventoried existing truck parking demand and capacity, forecasted future truck parking demand and capacity, collected stakeholder input through interviews and surveys, identified and refined a list of potential sites for future truck parking locations, and provided a list of recommended truck parking policies for the region.

An “At a Glance Summary” of the final study report is included in the packet for review. The full report can be viewed at this page: <https://ktmpo.org/planning/plans/>.

Action Needed: No action needed; for discussion only.



Regional Freight Transportation & Parking Study

Study Summary

At a Glance

The Killeen – Temple Metropolitan Planning Organization (KTMO) is the planning organization for the federally designated Transportation Management Area in Central Texas. The KTMO region lies on Interstate Highway 35 (IH-35), a major trade corridor connecting to large freight markets in Dallas-Fort Worth and San Antonio as well as the Laredo Port of Entry, one of the largest trade gateways on the southern border. Freight is an important contributor to the region's economic success.

Federal regulations govern how long truck drivers may operate their vehicles before stopping for rest. This creates a need for safe truck parking, especially on major freight corridors like IH-35. KTMO supported and participated in the Texas Department of Transportation (TxDOT) Statewide Truck Parking Study but recognizes the need for a more localized study. The Regional Freight Transportation & Parking Study builds on the foundation provided by the statewide truck parking plan while digging deeper into KTMO truck parking issues, needs, and opportunities.

Parking Needs & Deficiencies

A key first step in any freight study is to assess freight needs and deficiencies. A parking analysis was performed to quantify current (2018) and future (2045) truck parking supply and demand. In addition to number of spaces available, it is important to consider:

- Amenities
- Distribution of Parking Sites
- Access to Destination and Parking Sites
- Real-Time Information (Linkages to common apps such as TruckerPath or SecurSpace)

Parking demand already outweighs parking supply...

And the deficit is expected to grow in the future



Truck Parking
Peak Hour
Supply Deficit

343



827



Truck Parking
with Showers
Peak Hour
Supply Deficit

410



999

Stakeholder Outreach

Customized surveys were sent to five targeted groups:

- Freight Origin and Destination (OD) Sites
- Law Enforcement
- KTMO TAC
- Truck Drivers
- Truck Parking Site Operators

In total, four phone interviews were conducted and 16 surveys were completed, reaching four out of the five target groups (only the truck parking site operators provided no responses). The word cloud shows some of the most common concerns from the stakeholders responses.



About **75%** of short-term parking demand & **85%** of overnight parking demand is on IH-35



These trends are expected to continue in 2045



Recommended Truck Parking Locations

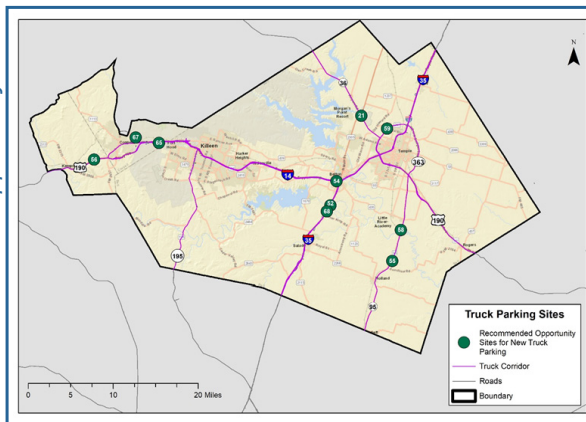
Truck parking sites were identified using Google Maps, the TxDOT Statewide Truck Parking Study, results from the supply and demand assessment, field review, and interview/survey results. Ultimately, the study identified:

10 New Truck Parking Opportunity Sites

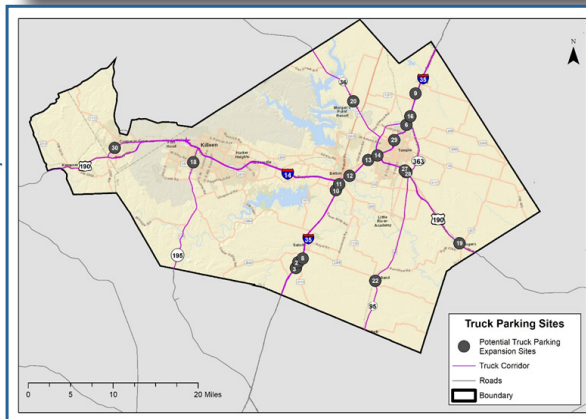
19 Potential Truck Parking Expansion Sites

It is important to note that some of the Opportunity Sites parcels are privately owned and the owners of these parcels may have other plans for them that don't involve truck parking. Some are also located on low-demand truck corridors where market demand may not justify new truck parking capacity.

Opportunity Sites



Expansion Sites



Recommended Truck Parking Policies

There are other considerations relating to the development of truck parking supply beyond physical presence of truck parking sites, mostly centered around safety and quality of life concerns. The study includes 19 policy recommendations to help meet the demand for truck parking in the KTMPO region while addressing these concerns. Some policies would be led by KTMPO and others would be led by another agency or stakeholder (for example, TxDOT, KTMPO member jurisdictions, or the private sector) and supported by KTMPO.

KTMPO Led

- Consider the development of future truck parking sites on IH-35
- Consider using small lots adjacent to or with amenities for new truck parking
- Collaborate with local government to draft design guidelines for new truck parking locations
- Explore the further development of the identified ten opportunity sites by meeting with the parcel owners
- Coordinate with Fort Hood on the Joint Use Facility
- Focus on low-cost amenities at existing or new parking locations

KTMPO Supported

- Designate areas for long-term street parking or overnight parking
- Create incentives for businesses if they allow for truckers to park in their lots
- Consider levying a local fuel tax for funds to build new truck parking
- Leverage existing state agency grant programs to promote new truck parking on IH-35
- Identify large venue parking lots that can be used for truck parking
- Reduce liability for businesses that permit truck parking on their property
- Establish partnerships with freight generating facilities and promote the development of on-site truck parking
- Explore the creation of paid truck parking sites
- Partner with TxDOT to expand capacity and amenities at TxDOT owned rest areas
- Develop partnerships with TxDOT and private truck parking locations that need a high level of improvement or amenities

Item 10:

Public Input

Public Input Received

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

Action Needed: No action needed; for discussion only.



KTMP Public Comments

FY21

Date	Name	Means of Public Comment	Public Comment	Date Comment Was Presented to TAC	Public Comment Topic	Jurisdiction
12/22/2020	Sam Listi	Public Hearing	The 13th Avenue project is important to the community and is fully endorsed by the City Council. Some changes have been made to the specifics of the project, but the overall integrity is maintained. The project will provide great continuity in the city's overall sidewalk/trail system and will increase access from the center part of town to the expanding Heritage Park.	1/13/2021	Roadway	Belton
12/22/2020	Bob van Til	Public Hearing	Encouraged adoption of the project and recommended that the revised project be included in the updated TIP.	1/13/2021	Roadway	Belton
12/22/2020	Angellia Points	Public Hearing	Spoke in favor of the project. Proposed project scope is to reconstruct the sidewalk on the south side of the street as needed to be compliant with ADA. We are planning to install ADA compliant ramps on the south side at each street crossing as well as a crosswalk to Park Lane. The project would also connect two TxDOT roadways, Main Street (SH 317) and Waco Road (FM 817). The project would also add striping for bike lanes. Believes project provides much needed connectivity for Belton.	1/13/2021	Roadway	Belton

Grant Opportunities

- **FY2021 Transportation Demonstration Program:**

Deadline: June 25, 2021

Department of Transportation (DOT):

The goal the Transportation Demonstration Program is to expand intermodal and multimodal freight and cargo transportation infrastructure, including airport development. Projects may augment existing assets to strengthen the infrastructure connections or eliminate barriers and fill gaps that exist with current programs.

More information about the program can be found at the below website.

Estimated Funding Available: \$100,000,000

Award Floor: \$1,000,000

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=331732>

- **FY2021 RAISE Grants:**

Deadline: July 12, 2021

Department of Transportation (DOT):

The Rebuilding American Infrastructure with Sustainability and Equity (RAISE) grants are a continuation of the BUILD and TIGER program. This highly competitive discretionary funding will be evaluated based on criteria that include safety, environmental sustainability, quality of life, economic competitiveness, state of good repair, innovation, and partnership. The Department will also prioritize projects that can demonstrate improvements to racial inequality, reduce impacts on climate change, and create good paying jobs. DOT will be hosting a series of webinars during the application process to provide technical assistance.

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

Award Ceiling: \$25,000,000

Award Floor: \$1,000,000 (rural) / \$5,000,000 (urban)

<https://www.transportation.gov/RAISEgrants>

- **Texas Volkswagen Environmental Mitigation Program:**

Deadline first come first served

Texas Commission on Environmental Quality (TCEQ):

Funding is now available to purchase and install Level 2 charging equipment for light duty zero emission vehicles (electric vehicles). The purpose of this grant is to reduce Texans exposure to pollutants emitted along with NO_x emissions from older vehicles and equipment. More information can be found at the below website.

Estimated Funding Available: \$10,400,000

<https://www.tceq.texas.gov/agency/trust/>

Websites:

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

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

USDOT: <https://www.transportation.gov/grants>

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

TERP: <https://www.tceq.texas.gov/airquality/terp>

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Commonly Used Transportation Related Acronyms and Terms

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

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

2045 MTP Project Listing



2045 Metropolitan Transportation Plan Project Listing

Short Range Funded (2020-2030) Projects with Allocated Funding as of October 2020 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
C30-03b	0231-02-062	Business US 190 Phase I	FM 1113 (Avenue D) to Constitution Dr	Construction of a raised median and conversion of one travel lane in each direction to a sidewalk/bicycle lane	81.00	4	4	\$10,000,000	2021	Yes	EJ	Allocation: \$40,800,000 4-year UTP Fiscal Constraint: \$68,585,914
W40-04a (1)	2502-01-021	Loop 121 Phase 1a	Lake Rd (FM 439) to South of W Ave O	Widen from two lanes to four lanes with a raised median	56.45	14	5	\$30,800,000	2021	Yes	EJ, H, P	

CATEGORY 4 PROJECTS (STATEWIDE URBAN 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
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	2021	Yes	EJ, L, H	Allocation: \$6,200,000 4-year UTP Fiscal Constraint: Waco District: \$59,730,508 Brownwood District: \$0

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
T40-15	0184-03-039 0232-01-053	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	IH-35 to MLK Jr Blvd (Spur 290)	Installation of ADA compliant sidewalks traveling east on Central Avenue from 31st Street to 3rd Street and west on Adams Avenue from 3rd Street to 31st Street with tapered connections to existing sidewalks at bridges	92.00	2	2	\$1,913,044	2021	Yes	EJ, H	Allocation: \$13,770,044 4-year UTP Fiscal Constraint: \$23,549,569
T40-07a	0909-36-168	Temple Outer Loop West-Phase I	522 ft South of Jupiter Dr to 20 ft North of Riverside Trail	Widen from two to four lane divided roadway with a curb and gutter, Phase 1	64.67	17	4	\$10,298,198	2021	No	P, H	
N40-04	0909-36-167	Nolanville City Park Connectivity	Park (North Mesquite) along Ave H to 10th St	Construct ADA compliant sidewalks, ramps, and crosswalks	72.34	6	3	\$1,558,802	2021	No	P	

MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
B45-03	0909-36-169	13th Avenue Sidewalk Improvements	Main St (SH 317) to Waco Rd (FM 817)	Construct ADA compliant ramps, sidewalks, and crosswalks and add striping for a bik lane on the south side of the roadway	72.16	7	4	\$539,233	2023	No	P	Allocation: \$539,233 4-year UTP Fiscal Constraint: \$1,576,040

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

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
B40-05	0909-36-163	Belton Hike and Bike Trail Extension South (South Belton Shared Use Path)	IH-35 from FM 436 to Confederate Park Dr	Construct 12 ft wide hike and bike trail. Project will extend along FM 436, IH-35 northbound frontage road and Confederate Park Drive.	N/A	N/A	N/A	\$1,582,363	2021	No	EJ, P	Allocation: \$1,582,363 Fiscal Constraint: n/a

STATEWIDE CATEGORY 9 PROJECTS (SAFE ROUTES TO SCHOOL PROGRAM)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
D45-02	0909-36-180	Troy - Mays Middle School SRTS	On Lee Mays Blvd and Luther Curtis Rd to Raymond Mays Middle School	Construct 0.2 miles of accessible sidewalks with crosswalks and ADA ramps.	N/A	N/A	N/A	\$277,571	2021	No	N/A	Allocation: \$277,571 Fiscal Constraint: n/a

Other 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
C45-01	3623-01-004	Fort Hood Access Ramps	Old Georgetown Rd to BNSF Railway	Construct exit ramp to Tank Destroyer Blvd and entrance ramp from Old Georgetown Rd	N/A	N/A	N/A	\$5,015,690	2021	N/A	—	Local Contribution (Cat 3) Allocation: \$5,015,690 Fiscal Constraint: n/a
C30-03b	0231-02-062	Business US 190 Phase I	FM 1113 (Avenue D) to Constitution Dr	Construction of a raised median and conversion of one travel lane in each direction to a sidewalk/bicycle lane	81.00	4	4	\$420,000	2021	Yes	EJ	Cat 10 Allocation: \$420,000 Fiscal Constrain: n/a
GROUPED PROJECTS												4 Year Total TIP Allocation: \$68,604,901 *Excludes grouped projects, matches current TIP financial summary
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	FY2019-2022 TIP	FY2021-2024 TIP						10 Year Total UTP Fiscal Constraint: \$254,490,702
G01-PE	Various CSJs	Preventative Projects	Various Locations	Various Descriptions	\$0	\$0						MTP 10 Year Short Range Fiscal Constraint: \$49,500,000
G03-MT	Various CSJs	Maintenance Projects	Various Locations	Various Descriptions	\$20,009,216	\$16,146,611						MTP Long Range Fiscal Constraint: \$405,700,000
G04-BR	Various CSJs	Bridge Projects	Various Locations	Various Descriptions	\$1,400,000	\$10,590,000						
G06-SA	Various CSJs	Safety Projects	Various Locations	Various Descriptions	\$2,690,079	\$14,418,916						

Proposed Roadway, Transportation Choices/Livability, Transit, and Preventative Maintenance Projects												
ROADWAY PROJECTS ⁷												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding ^{4 9}
W35-07	0320-06-008	NW Loop 363	Industrial Blvd to Lucius McCelvey Dr	Construct interchange and expand two to four lanes with frontage roads	72.00	3	1	\$45,000,000	2025	Yes	H	Categories 2, 7 Years 5-10 Short Range Allocations: \$186,833,795 UTP 10-Year Fiscal Constraint: \$254,490,702 Available: -\$4,647,994 *Available = UTP constraint - TIP allocations - Short Range Cat 2, 7, 9 allocations
W35-01	0231-19-003 0231-01-003 0231-02-067	US 190 Bypass	0.6 mi W of FM 2657 to 0.15 mi E of Clarke Rd	Widen from two lanes to four lanes divided and construct interchange	68.27	9	2	\$48,150,000	2025	Yes	L, H,	
W30-17	1835-01-026	FM 93 Phase 1 and 2	SH 317 to Wheat Rd	Widen from 2 to 4 lane roadway with a bike lane and 6 ft sidewalks	64.81	16	3	\$8,794,843	2025/2026	Yes	EJ, H, P	
T40-07b	0909-36-174	Temple Outer Loop West Phase II	454 ft South of Dove Meadow Blvd to IH-35 S	Widen from 2 to 4 lane divided roadway with a curb and gutter; includes hike and bike trail and bike dedicated lanes to incorporate multimodal transportation	64.67	17	4	\$9,701,802	2027	No	P, H	
K30-13	0909-36-175 0909-36-172	Chaparral Rd	SH 195 to FM 3481 (Stillhouse Hollow Lake Rd)	Reconstruct and widen roadway from 2 to 4 lane divided roadway with bicycle/pedestrian facilities.	59.99	27	5	\$23,000,000	2023	No	EJ, H	
D40-01	N/A	North Waco Rd (Old 81)	West Main St to West Big Elm Rd	Widen from 2 to 4 lanes, with curb, gutter, and bridge improvements	52.64	44	6	\$4,600,000	TBD	No	—	
H30-05	0909-36-171	Warriors Path Upgrade	FM 2410 (Knights Way) to Old Nolanville Rd	Create a two lane road section with a curb, gutter, and left turn lane at a future school; 6 ft sidewalk on west side and a 10 ft wide hike and bike path on east side	48.17	50	7	\$8,968,950	2025	No	H	
N40-03	N/A	Old Nolanville Road Bridge Expansion and Bike/Pedestrian Project	Bridge on Old Nolanville Rd to US 190/IH 14	Reconstruct bridge on Old Nolanville Road and add multi-use trail system to connect to existing trail system.	49.84	46	8	\$1,602,700	TBD	No	—	
S40-03	N/A	Salado West Village Road Capacity and Enhancement Project	Thomas Arnold Rd to IH-35	Widen roadway, add turn lanes and bicycle/pedestrian facilities	36.45	66	9	\$300,500	2028	No	—	
W25-02	0184-02-056	SH 36	SH 317 to Lake Belton Bridge	Widen from 2 to 4 lane divided roadway	71.63	5	13	\$36,715,000	2026	No	P	
T15-06k	0015-14-109	IH 35	US 190/IH 14 to Loop 363	Reconstruct and widen to 8 lanes	78.27	1	10	\$129,700,000	2029	Yes	EJ, H	Categories 2, 7, 11 Years 11-25 Long Range Allocations: \$361,767,429 MTP Long Range Fiscal Constraint: \$364,100,000 Available: \$2,322,571
C35-02ab ⁵	0724-01-055	FM 116 Railroad Underpass	S Main (through existing parking facility) to Ave B	Create an underpass at the existing BNSF railroad with sidewalks	71.73	4	12	\$13,470,000	2023	Yes	EJ	
W35-04	0836-03-069	FM 439	Roy Reynolds Drive to FM 3219	Widen from 4 to 6 lanes	70.27	6	14	\$11,539,000	2027	No	EJ	
H45-03	3409-01-007	FM 3481 (Stillhouse Lake Rd) Phase 1	Prospector Trail to Proposed Chaparral Rd Intersection	Widen roadway from 2 to 4 lanes with a continous center turn lane and sidewalks	69.33	7	15	\$6,566,500	2026/2027	No	H, ARZ, P	
W30-23	0184-04-051	US 190/Loop 363	FM 1741 to FM 436	Upgrade to 4 lane freeway with continous frontage roads and grade separation at MLK Blvd	68.36	8	16	\$16,784,000	2025	Yes	EJ	
C30-03a	N/A	Business US 190 - Phase II	FM 1113 (Ave D) to FM 116 South	Convert the center turn lane to a controlled left turn lane with raised median, maintain the two existing travel lanes, add curb, gutter, and bike lanes on both sides of the roadway, 6 ft sidewalk on the south side and pedestrian crossings with curb ramps at street intersections	68.16	10	17	\$7,400,000	2022	Yes	EJ	
W35-08	N/A	FM 93	FM 1741 to SH 95	Widen from 2 to 4 lanes, provide for a raised median and construct grade separation at UP RR	66.44	11	18	\$12,588,000	TBD	Yes	H	
H45-01	N/A	E FM 2410 (E. Knights Way) Phase 1	Cedar Knob Rd to Warriors Path	Widen from 2 to 4 lanes with a continous turn lane, curb, gutter and sidewalks	66.35	12	19	\$5,561,600	TBD		—	
W30-13	N/A	FM 2484	FM 1670 to IH-35	Widen from 2 to 4 lane divided roadway	65.99	13	20	\$3,147,000	TBD	No	P	
W30-21	N/A	Loop 363 at FM 2305 (Adams Ave) Reconfiguration	Intersection of Loop 363 and FM 2305 (Adams Ave)	Reconstruct interchange at FM 2305 (Adams Ave) and Loop 363	65.45	14	21	\$18,000,000	TBD	Yes	EJ	
K40-24	N/A	Featherline Dr	Stagecoach Rd to Chaparral Rd	Widen from two to four lanes with a center turn lane and roundabouts at Featherline Rd and Stagecoach Rd and Stagecoach Rd at W.S. Young Dr	65.00	15	22	\$9,000,000	2025	No	EJ	
H15-01	N/A	FM 3423 (Indian Trail)	Business 190 (VMB) to US 190/IH-14	Construct an urban cross-section roadway with sidewalks, median and pedestrian enhancements within the appropriate context sensitive cross section	64.55	18	23	\$3,391,800	TBD	No	—	
T35-36a	N/A	S 1st Street/Spur 290 Improvements	SE Loop 363 to Ave M	Widen from 4 lane undivided to 4 lane divided roadway with a curb, gutter and hike and bike trails to incorporate multimodal design	64.45	19	24	\$8,500,000	TBD	Yes	EJ	
K40-11	N/A	WS Young Dr	Mall Dr to AJ Hall Blvd	Add turn lane and relocate traffic signal at Mall Dr to AJ Hall Blvd	64.09	20	25	\$4,889,549	TBD	Yes	EJ	
N40-06	N/A	Nolanville Railroad Crossing Safety	Pleasant Hill Cemetary Rd to Jack Rabbit Road (4 RR Crossings)	Upgrade crossings for better connections and safety	63.18	21	26	\$500,000	TBD	No	—	
D40-03	N/A	Old TX 81 - Phase I	FM 1237 to Loves Overpass	Widen roadway from 2 to 4 lanes with bicycle lanes, a curb and gutter	61.55	22	27	\$3,500,000	TBD	No	H	
H45-04	N/A	FM 3481 (Stillhouse Lake Rd) Phase 2	Proposed Chaparral Rd Intersection to South City Limits	Widen roadway from 2 to 4 lanes with a continuous center turn lane and sidewalks	60.84	24	28	\$6,306,620	TBD	No	H, ARZ, P	
K40-16	N/A	East Trimmier Rd Improvements	Stagecoach Rd to Chaparral Rd	Widen roadway from 2 to 4 lanes with a continuous center turn lane, sidewalks and bicycle lanes	60.84	23	29	\$7,000,000	TBD	No	EJ	
H30-01	N/A	Business US 190 (Veterans Memorial Blvd)	N Roy Reynolds to US 190/IH-14	Reduce roadway profile, install curb and gutter; add access management/driveway control, drainage improvements, sidewalks, medians and other context sensitive solutions	60.19	26	30	\$5,000,000	TBD	No	EJ, L, H	
B40-10	N/A	FM 1670	US 190 to Three Creeks Blvd	Widen from 2 to 4 lane roadway with a 10 ft hike and bike trail	59.45	28	31	\$5,643,360	TBD	No	EJ, H	
W35-02	N/A	SH 195 at FM 3470 (SS Loop) Reconstruction	Intersection of SH 195 at FM 3470 (Stan Schlueter Loop)	Upgrade interchange	59.17	29	32	\$52,450,000	TBD	Yes	EJ	
T45-16	N/A	S 1st Street Extension	Loop 363/US 190 to Blackland Rd	Constuct arterial thoroughfare with street trees, sidewalks and bike lanes.	58.49	30	33	\$10,830,000	2020	No	—	
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	Regionally Significant Unfunded List: \$444,606,989
T45-15	N/A	Temple Outer Loop - East	IH-35 N to FM 93 at Business 190	Construct a 4 lane divided roadway with a curb and gutter; includes hike and bike trail and dedicated bike lanes to incorporate multimodal transportation	57.34	33	36	\$74,000,000	2023	No	EJ	
B40-07	N/A	Connell St	US 190/IH-14 to Loop 121	Widen from 2 to 4 lanes with center turn lane and 5 ft wide sidewalks	56.64	34	37	\$5,244,000	TBD	No	EJ	
W35-09	N/A	FM 93	SH 95 to SH 36	Widen from 2 to 4 lanes, provide for a raised median	56.37	35	38	\$5,245,000	TBD	Yes	EJ	
K40-26	N/A	Cunningham Rd	US 190/IH-14 to Little Nolan Rd	Construct and widen from 2 to 4 lane road with shoulder, median turn lane, bike and pedestrian facilities	56.27	36	39	\$7,817,350	TBD	No	EJ	
K40-03	N/A	FM 3470 Extension	SH 201 (Clear Creek Rd) to US 190 Bypass	Construct 4 lane FM Road with continuous turn lane and shoulders	56.17	37	40	\$15,000,000	TBD	No	H	
H45-02	N/A	E FM 2410 (E Knights Way) Phase 2	Warriors Path to Rummel Rd	Construct 4 lane FM Road with continuous turn lane and shoulders	55.84	38	41	\$5,149,800	TBD	No	L	
K40-17	N/A	Trimmier Rd Improvements	Stagecoach Rd to Chaparral Rd	Widen from 2 to 4 lanes with a median	55.34	39	42	\$7,900,000	TBD	No	EJ, P	
K30-23	N/A	Jasper Bridge Expansion	S Florence Rd to Jasper Dr	Construct 8 lane overpass with pedestrian improvements and turnarounds	54.99	40	43	\$24,628,150	TBD	No	EJ	
K25-05	N/A	Florence Rd	Elms Rd to Jasper Dr	Widen from 2 to 5 lanes with curb and gutter	54.72	41	44	\$6,292,450	TBD	No	EJ	
B40-08	N/A	Sparta Rd	Loop 121 to Dunn's Canyon Rd	Construct protected turn lane with 10 ft wide hike and bike trail	54.46	42	45	\$2,080,000	TBD	No	H, P	
W35-05	N/A	SH 195 at US 190/IH 14	At SH 195	Upgrade interchange	54.36	43	46	\$52,450,000	TBD	Yes	EJ	
T15-02	N/A	Kegley Rd (Phase 2)	856 ft S of FM 2305 to 450 ft S of Wildflower Lane	Widen and add a middle turn lane, curb and gutter; includes 12 ft shared use path and will incorporate multimodal design	51.63	45	47	\$3,800,000	TBD	No	H	
T45-13	N/A	Little River Rd	SE HK Dodgen Loop to FM 93	Reconstruct two lane arterial roadway with a center-turn lane, bike lanes, and 6 ft sidewalks	49.84	46	48	\$12,888,000	TBD	No	EJ	
K40-25	N/A	Bunny Trail/SH 201 (Clear Creek Rd) Traffic Signal	Intersection of Bunny Trail and SH 201 (Clear Creek Rd)	Install traffic signal	49.36	48	49	\$190,000	TBD	Yes	EJ	
W35-03	N/A	SH 195	FM 3470 (Stan Schlueter Loop) to Chaparral Rd	Reconstruct to a 4 lane freeway with frontage roads	48.45	49	50	\$39,862,000	TBD	Yes	EJ, H	
B40-02	N/A	Southwest Parkway	Loop 121 to W Ave O	Construct 2 lane roadway with center turn lane	48.10	51	51	\$4,200,500	TBD	No	—	
N45-01	N/A	FM 439 Roundabout	Intersection of Main St (FM 439 Spur) and Avenue I	Construction of a roundabout	47.83	52	52	\$10,000,000	2022	No	—	
T45-11	N/A	East Young Ave	Lower Troy Rd to Loop 363	Reconstruct and realign roadway from 2 to 4 lanes with a 6 ft wide sidewalk, and a center turn lane.	47.50	53	53	\$3,940,000	2023	No	EJ	
K40-06	N/A	FM 2484	SH 195 to IH-35	Widen from 2 to 4 lane divided roadway	45.08	54	54	\$35,000,000	TBD	No	H, ARZ, P	
B30-02	N/A	Shanklin Rd West - Outer Loop	IH-35 to E end of Three Creeks subdivision	Construct 4 lane roadway	44.82	55	55	\$10,820,000	TBD	No	—	
B40-09	N/A	West Avenue D	Loop 121 to Wheat Rd	Construct 2 lane roadway with sidewalks and bike lanes	44.09	56	56	\$4,918,500	TBD	No	EJ	
N45-03	N/A	Nola Ruth Reconfiguration	Intersection of Nola Ruth Blvd at US 190/IH-14	Improve intersection to enhance safety	43.84	57	57	\$10,000,000	2025	No	—	
B30-03	N/A	Belton Outer Loop East	IH-35 at Shanklin Rd to FM 436	Construct 2 lane roadway with shoulder	43.46	58	58	\$12,060,000	TBD	No	—	
B40-01	N/A	Huey Dr	Washington Dr to IH-35 Frontage Rd	Construct 2 lane roadway with a center turn lane	42.92	59	59	\$2,615,000	TBD	No	EJ	
T45-17	N/A	Azalea Dr	Lowes Dr to S 1st St Future Extension	Construct new 2 lane roadway with a continous center turn lane, 5 ft bike lanes, and 6 ft sidewalks	42.50	60	60	\$4,975,000	2020	No	EJ	
B30-01	N/A	George Wilson Extension	FM 93 at George Wilson Rd to FM 439	Construct 2 lane roadway with shoulder	42.19	61	61	\$1,386,984	TBD	No	EJ	
H30-03	N/A	FM 3219	Veterans Memorial Blvd/Business 190 to FM 439	Widen from 2 to 4 lane divided roadway	42.10	62	62	\$8,000,000	TBD	No	L,H	
B45-08	N/A	Mesquite Rd Improvements	IH-35 Frontage Rd to Shanklin Rd	Widen to 2 lanes with a curb, gutter, shoulders, bicycle lanes, and a 6 ft wide sidewalk on both sides	41.50	63	63	\$3,591,000	2020	No	H	
N45-02	N/A	FM 439 Shoulder Improvements & Bike Lanes	N 38th St to Sparta Rd	Construct a continuous shoulder and bicycle lane	38.17	64	64	\$1,600,000	2020	Yes	EJ, P	
N40-07	N/A	Warrior's Path Extension Phase I	Old Nolanville Rd to US 190/IH-14	Extend Warriors Path to US 190/IH -14	38.08	65	65	\$5,703,255	TBD	No	H	
T45-10	N/A	East Ave C	14th St to 24th St	Reconstruct roadway to 2 lanes and add bicycle lanes, sidewalks, lighting, and landscaping.	35.17	67	66	\$2,630,000	2023	No	EJ	
T45-12	N/A	Lake Pointe Dr	SH 317 to Clinite Grove Blvd (Future Collector)	Construct 2 lane roadway with bike lanes and sidewalks	33.49	68	67	\$4,000,000	2023	No	—	
T45-14	N/A	Lower Troy Rd	East Young Ave to Loop 363	Reconstruct roadway to 2 lanes with a continuous center-turn lane and 6 ft sidewalks	29.33	69	68	\$6,920,000	2023	No	EJ	

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

TRANSPORTATION CHOICES/LIVABILITY PROJECTS ⁸												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding ^{4 9}
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	Category 9: Years 5-10 Short Range Allocations: \$3,700,000 UTP 10-Year Fiscal Constraint: \$254,490,702 Available: -\$299,133
D40-02	N/A	North Waco Rd (Old 81) - Sidewalk	West Main St to West Big Elm	Construct 10' wide bicycle and pedestrian facility	69.02	11	5	\$1,700,000	2027	No	—	
K45-01	N/A	Heritage Oaks Hike & Bike Trail Segment 2	Siltstone Dr to Fawn Dr	Construct shared use path for bicyclists and pedestrians	58.57	26	6	\$1,200,000	2020	No	EJ	Category 9 Funding: Years 11-25 Long Range Allocations: \$28,337,029 MTP Long Range Fiscal Constraint: \$41,600,000 Available: \$13,262,971
S40-02	N/A	Salado Creek Off-Road Trail: Pace Park	Pace Park along Pace Park Rd	Construct 10 ft wide trail	57.44	27	7	\$199,965	TBD	No	ARZ, ES, P	
B45-01	N/A	Belton's Georgetown Rails to Trails	E Ave B to Leon River Bridge	Construct 10 ft wide shared use path to connect KTMPO projects B40-05 and T40-13	86.01	2	8	\$2,040,000	TBD	No	EJ, H	
T45-02	N/A	Downtown Sidewalks - 1st and 3rd St	Mayborn Civic Center to Ave F	Construct and repair sidewalks with ADA-compliance ramps, crosswalks and landscaping	75.42	4	9	\$2,720,000	TBD	Yes	EJ, P, H	
B45-02	N/A	6th Ave Sidewalk & Shared Use Path	Main St (SH 317) to IH 35 Frontage Rd	Construct 6 ft wide sidewalk on north side of 6th Ave, 10 ft wide SUP on the south side and relocate utilities underground.	73.44	5	10	\$6,000,000	TBD	Yes	EJ, L	
B45-05	N/A	Commerce/Industrial Shared Use Path	Sparta Rd to Main St (SH 317)	Construct 10 ft wide shared use path on east side of Commerce St and north side of Industrial Park Rd; provide curb and gutter along Commerce St	72.15	8	11	\$1,233,333	TBD	No	H	
B40-12	N/A	Belton Hike and Bike Trail Extension Southwest	Confederate Park to Nolan Creek Pedestrian Bridge	Construct 10 ft wide hike and bike trail	71.08	9	12	\$3,252,480	TBD	No	EJ, H, P	
T45-03	N/A	E Central Sidewalks	MLK Dr to N. 22nd St	Construct 6 ft wide sidewalks, repair existing sidewalks with crosswalks and landscaping.	69.29	10	13	\$600,000	TBD	No	EJ, P	
B45-04	N/A	Beal St Sidewalk	E 24th Ave to E 6th St	Construct 5 ft sidewalk on east side from E. 24th Ave to Downing St, construct 5 ft sidewalk on both sides from E 13th Ave to Railroad Track, and construct 5 ft sidewalk on west side from Railroad Track to E. 6th Ave with bicycle signage along entire project	69	12	14	\$282,500	TBD	No	EJ, P	
T45-08	N/A	West Adams Sidewalks	Olaf Dr to IH 35	Construct 6 ft wide sidewalk	68.71	13	15	\$950,000	TBD	Yes	EJ	
T45-06	N/A	South Pea Ridge Greenbelt Trail	W Adams Ave (FM 2305) to Poison Oak Rd	Construct 8 ft wide trail along linear park east of S Pea Ridge Rd and through Von Rosenberg Park	66.57	14	16	\$1,680,000	2023	No	P	
T40-25	N/A	Bird Creek Interceptor Trail	N side of Lions Community Park to Midway Dr (near Bonham Middle School)	Construct 8 ft wide trail	66.43	15	17	\$375,000	TBD	No	P	
B45-07	N/A	Avenue H Sidewalk/Rd Improvements	Main St (SH 317) to Saunders St	Construct 5' wide sidewalk on north side of Ave H with Bicycle Signage and reconstruct roadway and widen to 2 lanes from Connell St. to Saunders St.	66	16	18	\$429,167	TBD	No	EJ	
T45-09	N/A	Apache Dr Sidewalks	W Adams Ave (FM 2305) to Gila Trail	Construct 6 ft. wide sidewalks and crosswalks	65.84	17	19	\$325,000	2023	No	EJ	
T45-07	N/A	Temple Lake Park Connection	FM 2271 to Temple Lake Park	Construct 8 ft wide hike and bike trail	64.56	18	20	\$2,640,000	2023	No	P	
T25-05	N/A	FM 2271 Trail	FM 2305 to Miller Spring Park	Construct 8 ft wide trail	63.88	19	21	\$950,000	TBD	Yes	H, P	
T45-04	N/A	Friars Creek Trail	Friars Creek Trail Terminus to S 1st St Future Extension	Construct 10 ft wide hike and bike trail to extend and connect to existing trail sections	63.85	20	22	\$500,000	2023	No	—	
N40-05	N/A	FM 439 Spur Connectivity	Main St to North Dr	Construct 10 ft wide sidewalk, ADA ramps and crosswalks, improve shoulders at Main St	63.71	21	23	\$967,500	TBD	No	—	
T45-01	N/A	Canyon Creek Trail	Canyon Creek Dr to Lions Park	Construct 8 ft hike and bike trail	62.58	22	24	\$720,000	2023	No	P	
S40-01	N/A	Salado Creek Shared Use Path - Royal St	Main St at College Hill Dr to 0.09 mi N of Royal St on Center Circle	Construct alternate transportation route consisting of shared-use path for bicyclists and pedestrians	62.42	23	25	\$368,959	TBD	No	ARZ, H, ES	
T45-05	N/A	Hickory Rd Sidewalk	Midway Dr to Aspen Trail	Construct 6 ft sidewalk with crosswalks	61.43	24	26	\$500,000	TBD	No	P	
B45-06	N/A	Central Ave Sidewalk & Traffic Signals	Main St (SH 317) to Pearl St	Upgrade to a 5 ft wide sidewalk on north side of Central Ave and install pedestrian crossing infrastructure at intersection of Main St (SH 317) to Pearl St.	59.29	25	27	\$403,125	TBD	No	—	
N40-09	N/A	Pleasant Hill Rd	Lonesome Oak Dr to Ave I	Construct Class 2, buffered on-street bike lane	N/A	N/A	N/A	\$500,000	N/A	No	H	Unscored/Unfunded List
N40-11	N/A	Nolan Creek Off System Trail	Bridge on Old Nolanville Rd to Levy Crossing	Construct 10 ft multi-use trail bordering Nolan Creek	N/A	N/A	N/A	N/A	N/A	No	H	
N40-12	N/A	Jack Rabbit Road Bike Thoroughfare	US 190 to FM 439 and through Park to School	Add Class 2 Bike Lanes on system	N/A	N/A	N/A	N/A	N/A	No	—	
N40-13	N/A	Wild Wood Trail	Lonesome Oak Dr to Ave I	Construct an 8 ft wide multi use trail	N/A	N/A	N/A	\$400,000	N/A	No	—	
S40-04b ¹	N/A	Main St Sidewalks Phase 2	College Hill Dr to Salado Plaza Dr	Main St improvements to include pavement widening, bike paths, drainage improvements.	N/A	N/A	N/A	\$2,223,044	N/A	No	H, ARZ, ES	
K40-21b	N/A	Heritage Oaks Hike & Bike Trail Segment 5	Chaparral Rd @ Rosewood Dr to USACE Property	Construct shared use path for bicyclists and pedestrians	N/A	N/A	N/A	\$1,300,000	N/A	No	EJ, ARZ	

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

Notes:

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

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

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

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

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

⁵Project is a combination between C35-02a and C35-02b. Projecct 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.

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

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

MTP Amendment Dates	
July 17, 2019*	April 15, 2020
September 18, 2019*	September 16, 2020
October 23, 2019	January 13, 2021
February 19, 2020*	

* Administrative Amendments

⁹Funding/Fiscal Constraint Notes (Cat 2, 7, 9, 11):

Short Range funding amounts (0-10 years) come from the latest TxDOT Unified Transportation Plan (UTP). Long Range funding amounts (10-15 years) are determined by outputs from the TRENDS model (see note ⁴)

How projects in the list are funded:

White - Projects in the TIP are listed first, their total estimated cost is deducted from the total UTP fiscal constraint.

Green - The remaining UTP funding is then allocated to the next highest ranked projects from both the Roadway and Livability tracks until the funding cap is reached. Green colored projects are projected to receive funding within the first 10 years of the planning period.

Blue - Projects following the Short Range funding section are allocated funds from the estimated Long Range MTP funding from highest ranking on down until the funding cap is reached. Blue projects are projected to receive funding during the last 15 years of the planning period.

Orange - When all estimated funding sources have been exhaustesd, any remaining projects are listed from high to low in the Regionally Significant Unfunded list. Orange projects are NOT projected to receive funding during the planning period

Yellow - Projects that are unscored are listed at the bottom of each section and have no estimated timetable for receiving funding.

Note on Roadway vs Livability Tracks:

Projects in the Livability Track are allocated funding from the latest Category 9 funding estimates only.

Porjects in the Roadway Track are allocated funding from the latest Category 2 and Category 7 estimates.

Current UTP Estimates by Category (2021-2030):	Current MTP Estimates by Category (2030-2045):
Category 2 - \$189,232,733	Category 2 - \$115,800,000
Category 7 - \$61,317,869	Category 7 - \$216,900,000
Category 9 - \$3,940,100	Category 9 - \$41,600,000
	Cateogry 11 - \$31,400,000

*Note - funding for projects in this list is not guranteed unless the project is listed in the TIP, all other project funding is subject to change



2045 Metropolitan Transportation Plan Project Listing

MTP LET PROJECTS THAT ARE STILL ACTIVE

KTMO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding Amounts
H15-02b	2304-02-036 2304-02-040	FM 2410	Roy Reynolds Dr to Commercial Dr	Widen from 2 to 4 lane roadway with sidewalks, median and turn lanes incorporating context sensitive design	N/A	N/A	N/A	\$8,800,000	2016	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: \$74,000,000
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	
W40-03	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
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	2020	Yes	H	FY19 Category 4 Funds: \$62,800,000
H40-02	0909-36-153	Traffic Circle at Commercial Dr	Intersection of Commercial Dr and Heights Dr	Construct traffic circle at intersection of Commercial Dr and Heights Dr	40	6	5	\$489,249	2018	No	EJ	FY15-17 Category 7 Funds: \$15,530,684
K30-02	0909-36-156	Rosewood Dr Extension	Riverstone Dr to Chaparral Dr	Construction of a 4 lane roadway with center median and an off-system bridge	38	4	6	\$7,965,049	2018	No	EJ, ARZ	
N40-01	2057-01-009	Main St Connectivity	Ave I to US 190 Frontage Rd	Construct ADA bicycle and pedestrian pathways along Main St and under US 190	31	3	3	\$596,386	2018	No	N/A	
T35-24	0909-36-155	Prairie View Road Enhancements	W of SH 317 to N Pea Ridge Rd	Construction of a 4 lane roadway, aligning FM 2483 to Prairie View Rd with a signalized intersection	39	5	4	\$6,480,000	2018	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: \$10,206,956
H35-01	0231-03-147	US 190 at FM 2410	East Central Tx Expy W to East Central Tx Expy E	Construction of a west to east turnaround at FM 2410	67.11	6	8	\$5,000,000	2020	Yes	N/A	
T40-12	1835-02-058	31st St Sidewalks (FM 1741)	Marlandwood Rd to Canyon Creek Rd	Installation of 6 ft sidewalks on both sides of FM 1741	94.35	1	1	\$500,000	2019	Yes	N/A	
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	2020	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	2019	No	H, ARZ, ES	
A45-01	0909-36-170	HCTD Fleet Replacement Project	Hill Country Transit, Killeen UZA-Two, Temple UZA-One	Purchase Buses to Provide Transportation	N/A	N/A	N/A	\$1,145,000	2019	N/A	N/A	
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
K40-23	0909-36-160	Heritage Oaks Hike and Bike Trail, Segment 3A	Rosewood Dr from Nickelback Dr to Pyrite Dr	Construction of a hike and bike trail with lighting	23	1	1	\$800,000	2018	No	EJ, ARZ	FY15-17 Category 9 Funds: \$800,000
C40-04b	0909-39-132	The Narrows (RG III at Old Copperas Cove Rd)	RG III Blvd from Constitution Dr to Old Copperas Cove Rd at Constitution Dr	Construct sidewalks for bicycle and pedestrian use	70.87	9	10	\$680,000	2020	No	EJ, H	FY18-20 Category 9 Funds: \$680,000
B40-04	0909-36-157	Chisholm Trail Corridor Hike and Bike Facility Phase II	University Blvd 0.25 mi. south of Crusader Way to Tiger Dr 0.10 mi. north of Sparta Rd	Construct sidewalks and shared use path--widths vary from 8 ft to 10 ft; includes landscaping and lighting.	N/A	N/A	N/A	\$2,670,615	2019	No	N/A	FY15 Statewide TAP Funds: \$6,118,899
K40-21a	0909-36-152	Killeen Heritage Oaks Hike and Bike Trail, Segment 4	Platinum Dr to Chaparral Rd	Construct shared use path for pedestrians and bicyclists	N/A	N/A	N/A	\$3,448,284	2018	No	EJ, ARZ	

End of Packet